

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062920\
 Data File : VN062181.D
 Acq On : 29 Jun 2020 10:55
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 30 04:23:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	253740	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	450941	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	418144	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	201660	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	179844	50.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.02%	
35) Dibromofluoromethane	7.54	113	141517	48.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.84%	
50) Toluene-d8	10.06	98	559100	48.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.70%	
62) 4-Bromofluorobenzene	12.37	95	196485	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	125823	43.870	ug/l	100
3) Chloromethane	2.03	50	162252	47.999	ug/l	98
4) Vinyl Chloride	2.16	62	193124	42.758	ug/l	98
5) Bromomethane	2.52	94	132644	45.440	ug/l	97
6) Chloroethane	2.66	64	130812	42.397	ug/l	98
7) Trichlorofluoromethane	2.98	101	241972	43.478	ug/l	100
8) Diethyl Ether	3.37	74	100573	51.752	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.71	101	141289	48.479	ug/l	98
10) Methyl Iodide	3.91	142	169276	51.573	ug/l	99
11) Tert butyl alcohol	4.73	59	133270	260.672	ug/l	100
12) 1,1-Dichloroethene	3.69	96	138037	47.378	ug/l	98
13) Acrolein	3.56	56	140687	281.065	ug/l	99
14) Allyl chloride	4.27	41	210640	53.101	ug/l	98
15) Acrylonitrile	4.93	53	367400	263.711	ug/l	100
16) Acetone	3.77	43	323057	289.683	ug/l	97
17) Carbon Disulfide	4.00	76	386081	46.267	ug/l	100
18) Methyl Acetate	4.27	43	147175	51.994	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	493926	53.053	ug/l	98
20) Methylene Chloride	4.50	84	169386	51.827	ug/l	96
21) trans-1,2-Dichloroethene	4.98	96	153089	46.124	ug/l	97
22) Diisopropyl ether	5.90	45	482101	53.377	ug/l	97
23) Vinyl Acetate	5.84	43	2053451	278.470	ug/l	99
24) 1,1-Dichloroethane	5.79	63	288627	49.626	ug/l	99
25) 2-Butanone	6.78	43	465947	267.711	ug/l	100
26) 2,2-Dichloropropane	6.77	77	236964	48.893	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	181786	48.673	ug/l	99
28) Bromochloromethane	7.14	49	127278	50.438	ug/l	94
29) Tetrahydrofuran	7.16	42	300568	263.633	ug/l	100
30) Chloroform	7.33	83	290113	49.027	ug/l	100
31) Cyclohexane	7.61	56	240691	48.925	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	238793	47.852	ug/l	98
36) 1,1-Dichloropropene	7.75	75	215375	47.516	ug/l	99
37) Ethyl Acetate	6.88	43	197261	52.557	ug/l	99
38) Carbon Tetrachloride	7.73	117	199334	46.647	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	258904	52.132	ug/l	99
40) Benzene	8.00	78	664121	48.072	ug/l	99
41) Methacrylonitrile	7.16	41	277490	159.474	ug/l #	14
42) 1,2-Dichloroethane	8.08	62	235171	50.383	ug/l	99
43) Isopropyl Acetate	8.12	43	332627	54.365	ug/l	99
44) Trichloroethene	8.80	130	161719	46.405	ug/l	98
45) 1,2-Dichloropropane	9.08	63	172308	50.555	ug/l	100
46) Dibromomethane	9.17	93	114294	49.460	ug/l	97
47) Bromodichloromethane	9.37	83	233987	50.148	ug/l	99
48) Methyl methacrylate	9.17	41	152863	55.722	ug/l	96
49) 1,4-Dioxane	9.17	88	61507	1011.016	ug/l	94
51) 4-Methyl-2-Pentanone	9.95	43	981663	274.611	ug/l	99
52) Toluene	10.12	92	417569	49.537	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	270080	52.613	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	288925	52.866	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	167778	50.634	ug/l	98
56) Ethyl methacrylate	10.40	69	246243	55.685	ug/l	98
57) 1,3-Dichloropropane	10.68	76	290963	51.016	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	474805	252.052	ug/l	98
59) 2-Hexanone	10.72	43	727178	281.709	ug/l	99
60) Dibromochloromethane	10.87	129	174854	49.843	ug/l	100
61) 1,2-Dibromoethane	10.98	107	169507	49.786	ug/l	99
64) Tetrachloroethene	10.60	164	130395	45.652	ug/l	97
65) Chlorobenzene	11.40	112	443194	48.265	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	157954	49.746	ug/l	100
67) Ethyl Benzene	11.48	91	800652	51.628	ug/l	99
68) m/p-Xylenes	11.59	106	611579	101.959	ug/l	98
69) o-Xylene	11.92	106	286008	50.536	ug/l	94
70) Styrene	11.94	104	498542	52.820	ug/l	99
71) Bromoform	12.10	173	116006	51.385	ug/l #	100
73) Isopropylbenzene	12.22	105	779456	49.933	ug/l	99
74) N-amyl acetate	12.04	43	299850	52.035	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	252150	48.540	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	318510	67.094	ug/l #	100
77) Bromobenzene	12.50	156	182217	47.018	ug/l	95
78) n-propylbenzene	12.56	91	912153	51.085	ug/l	99
79) 2-Chlorotoluene	12.65	91	532749	49.353	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	651359	51.473	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	85906	52.847	ug/l	97
82) 4-Chlorotoluene	12.75	91	557143	49.911	ug/l	98
83) tert-Butylbenzene	12.97	119	541280	49.981	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	655180	51.840	ug/l	98
85) sec-Butylbenzene	13.15	105	760073	53.115	ug/l	100
86) p-Isopropyltoluene	13.26	119	683055	54.482	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	332758	48.897	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	332053	47.335	ug/l	100
89) n-Butylbenzene	13.59	91	577328	55.388	ug/l	100
90) Hexachloroethane	13.85	117	122792	49.919	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	323388	49.004	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	43715	52.532	ug/l	95

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QLast Update : Wed Jun 24 15:33:00 2020
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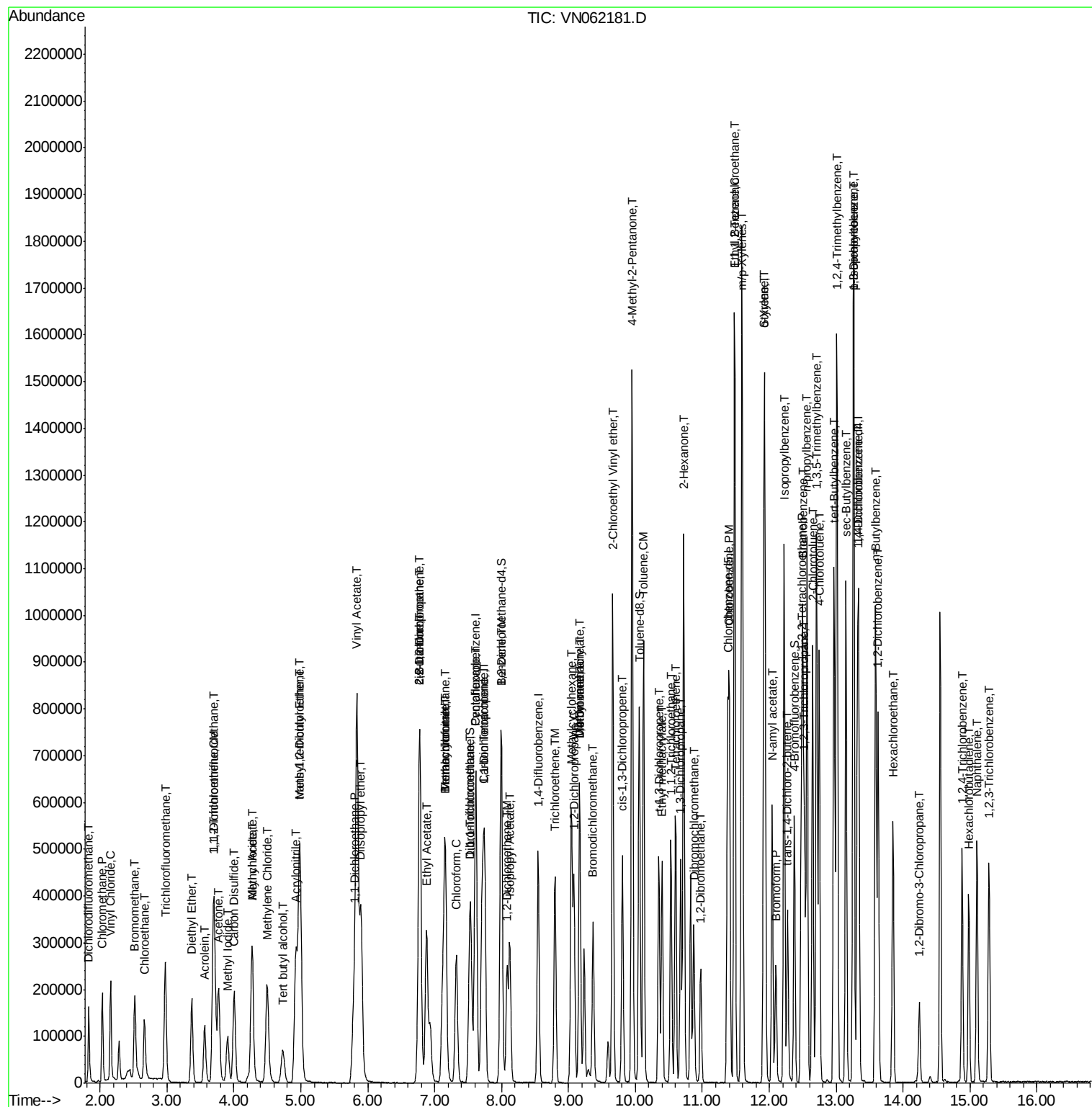
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	151338	52.496	ug/l	99
94) Hexachlorobutadiene	14.98	225	67106	53.594	ug/l	98
95) Naphthalene	15.10	128	428482	45.010	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	150741	51.137	ug/l	99

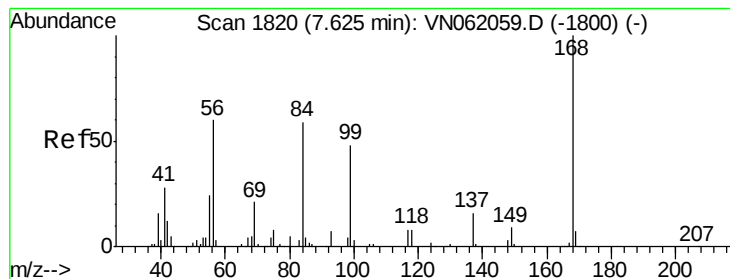
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062920\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN062181.D

Acq: 29 Jun 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

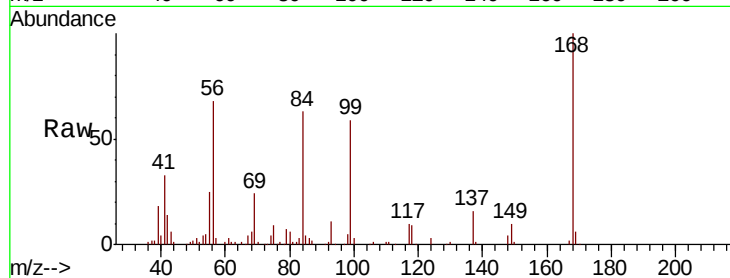
VSTDCCC050

Tot Ion:168 Resp: 253740

Ion Ratio Lower Upper

168 100

99 58.9 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

120000

100000

80000

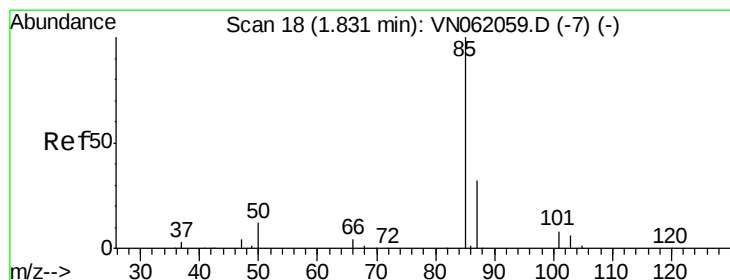
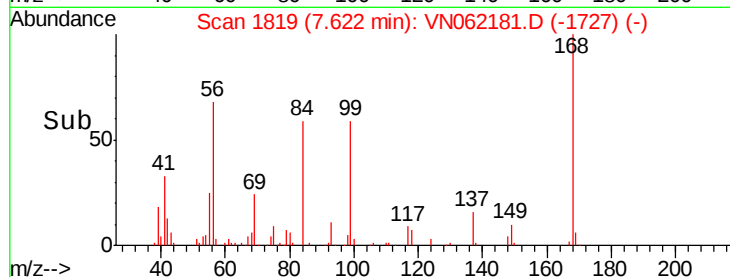
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 43.870 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062181.D

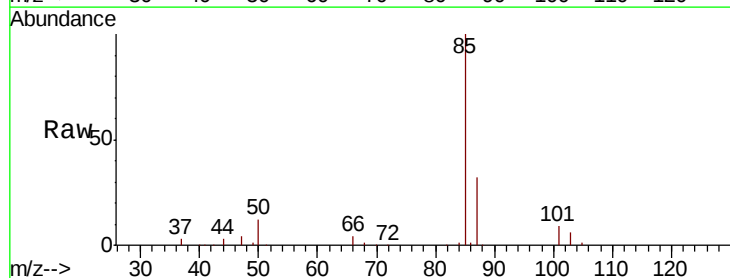
Acq: 29 Jun 2020 10:55

Tgt Ion: 85 Resp: 125823

Ion Ratio Lower Upper

85 100

87 31.9 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

100000

80000

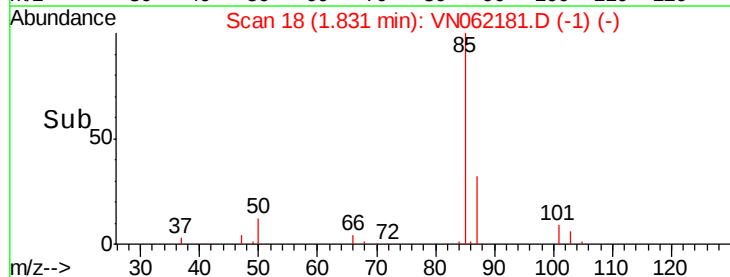
60000

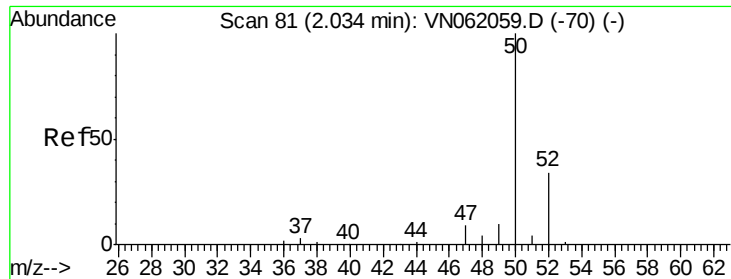
40000

20000

0

Time--> 1.75 1.80 1.85 1.90





#3

Chloromethane

Concen: 47.999 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062181.D

Acq: 29 Jun 2020 10:55

Instrument :

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ClientSampleId :

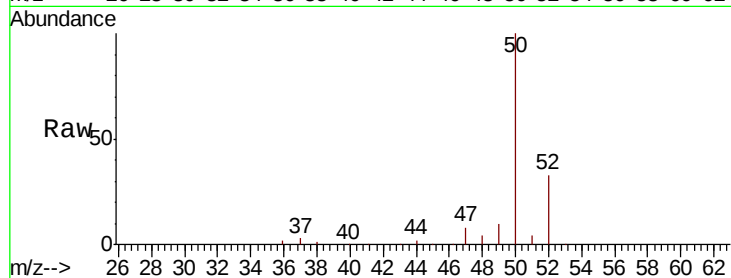
VSTDCCC050

Tot Ion: 50 Resp: 162252

Ion Ratio Lower Upper

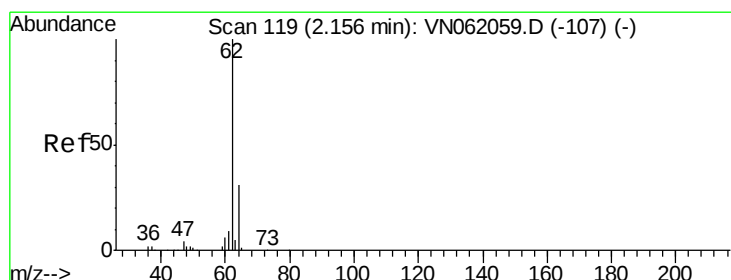
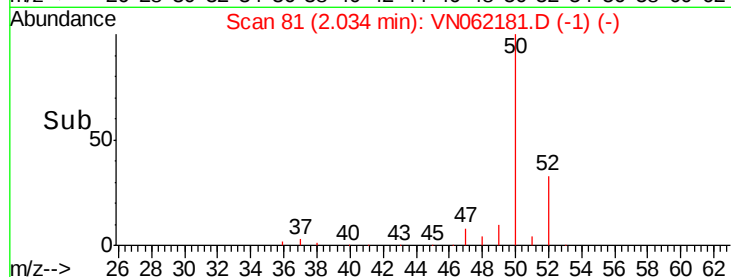
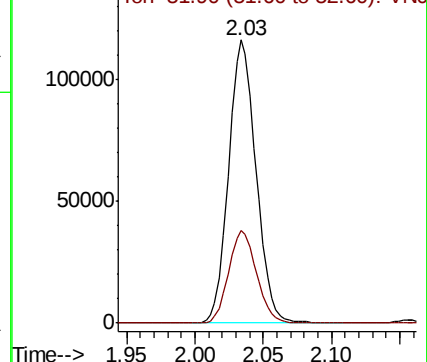
50 100

52 32.7 27.0 40.6



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 42.758 ug/l

RT: 2.16 min Scan# 119

Delta R.T. -0.00 min

Lab File: VN062181.D

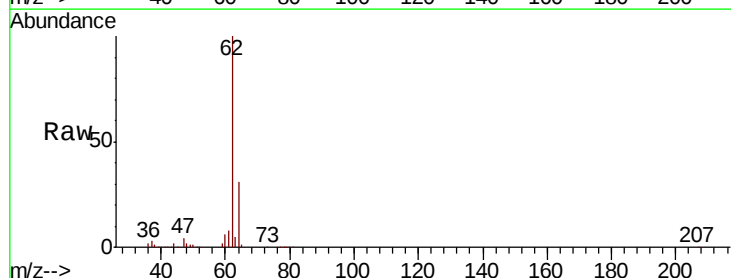
Acq: 29 Jun 2020 10:55

Tgt Ion: 62 Resp: 193124

Ion Ratio Lower Upper

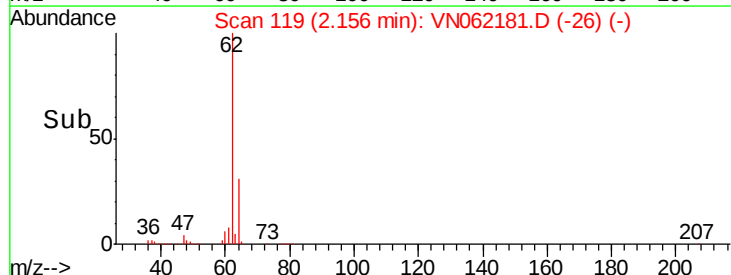
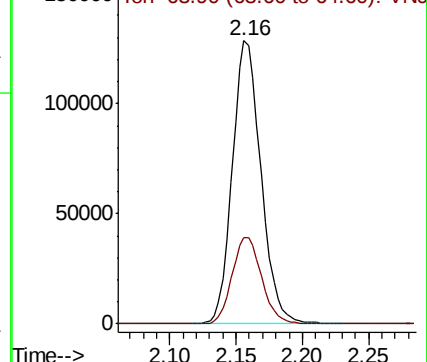
62 100

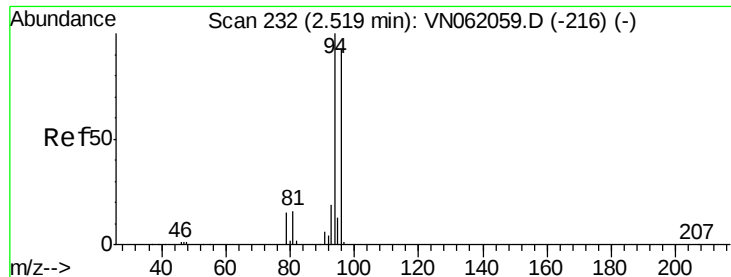
64 30.5 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 45.440 ug/l

RT: 2.52 min Scan# 232

Delta R.T. -0.00 min

Lab File: VN062181.D

Acq: 29 Jun 2020 10:55

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ClientSampleId :

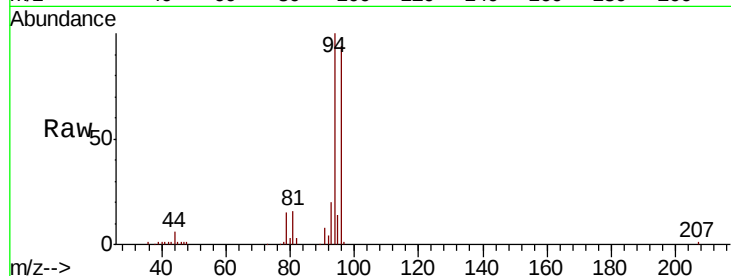
VSTDCCC050

Tot Ion: 94 Resp: 132644

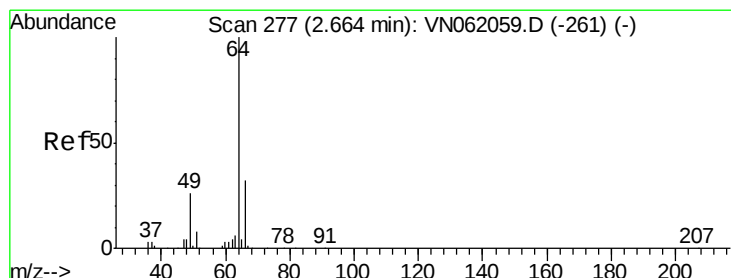
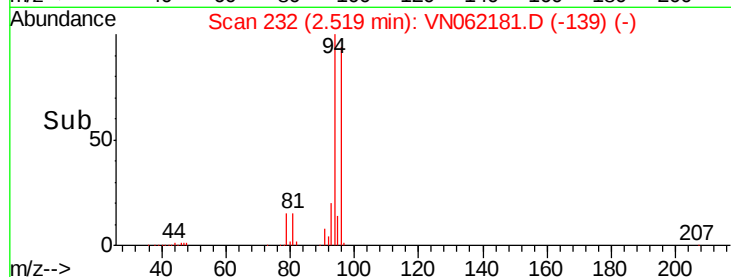
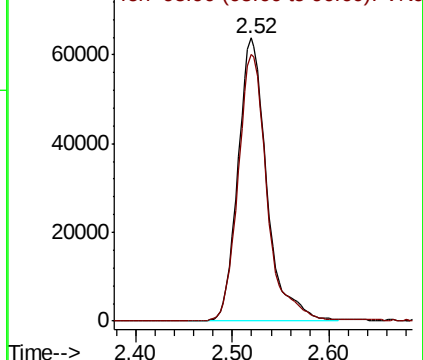
Ion Ratio Lower Upper

94 100

96 94.3 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VNO
Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 42.397 ug/l

RT: 2.66 min Scan# 277

Delta R.T. -0.00 min

Lab File: VN062181.D

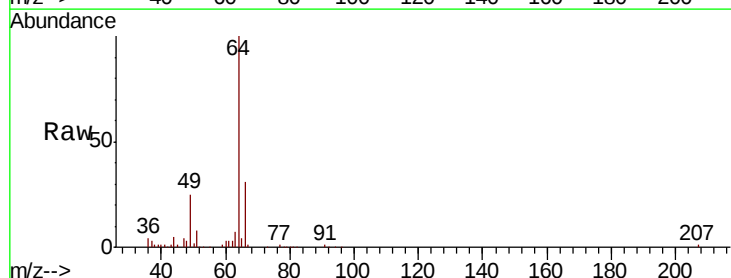
Acq: 29 Jun 2020 10:55

Tgt Ion: 64 Resp: 130812

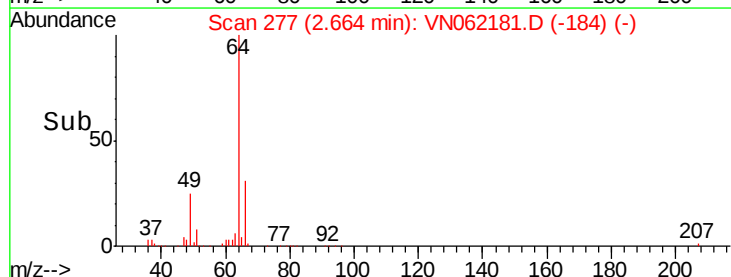
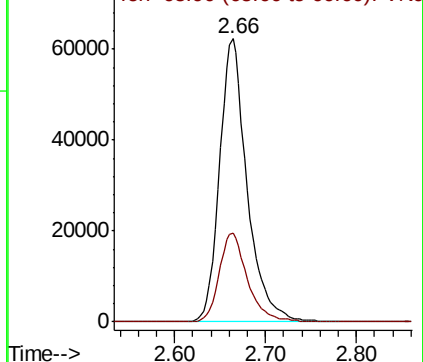
Ion Ratio Lower Upper

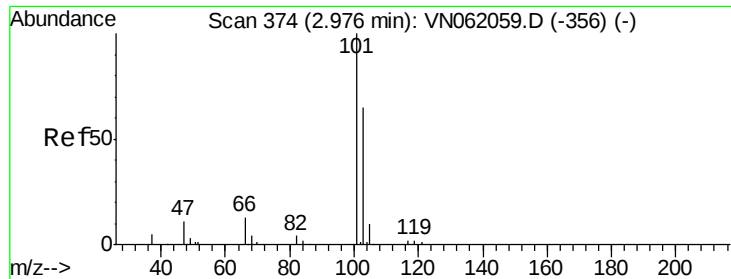
64 100

66 31.2 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VNO
Ion 65.90 (65.60 to 66.60): VNO



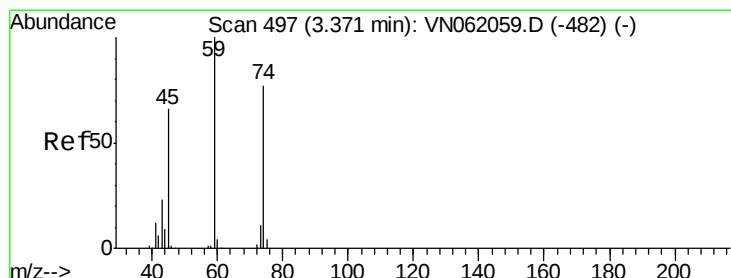
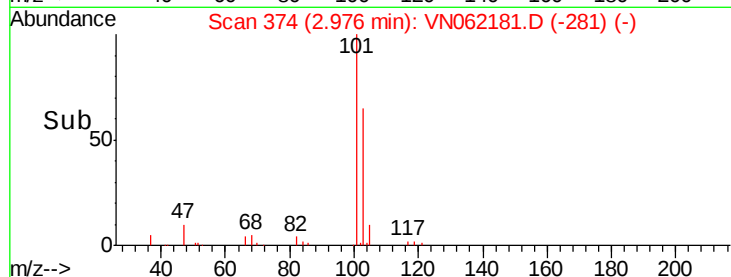
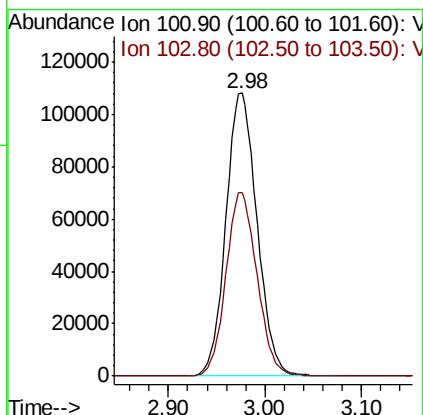
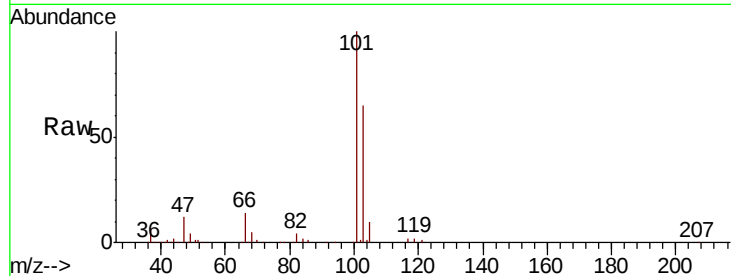


#7

Trichlorofluoromethane
 Concen: 43.478 ug/l
 RT: 2.98 min Scan# 374
 Delta R.T. -0.00 min
 Lab File: VN062181.D
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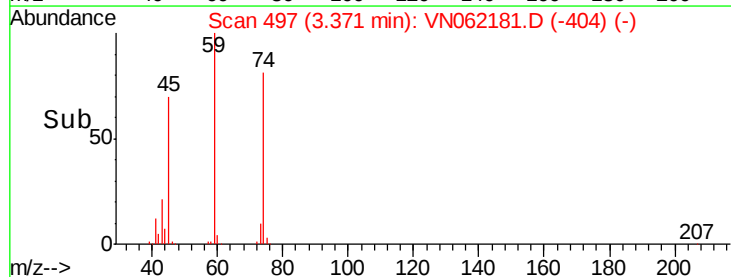
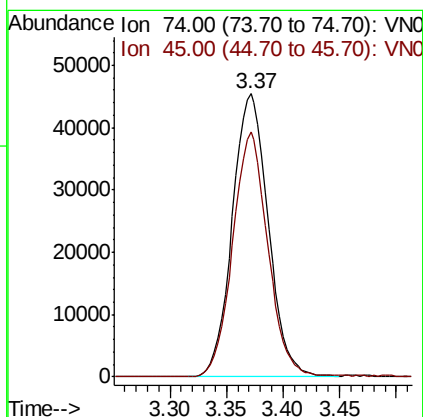
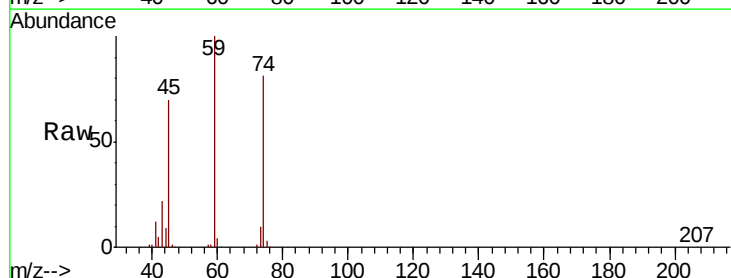
Tot Ion:101 Resp: 241972
 Ion Ratio Lower Upper
 101 100
 103 65.0 51.8 77.6

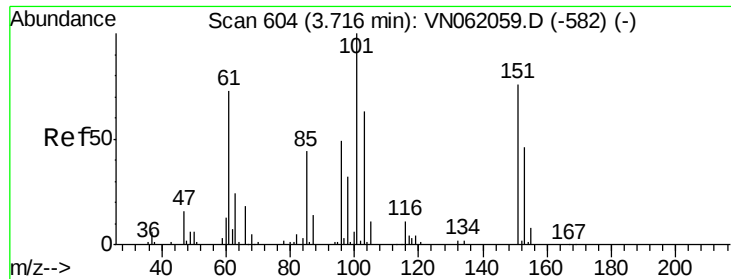


#8

Diethyl Ether
 Concen: 51.752 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN062181.D
 Acq: 29 Jun 2020 10:55

Tgt Ion: 74 Resp: 100573
 Ion Ratio Lower Upper
 74 100
 45 84.9 42.5 127.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.479 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN062181.D

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VSTDCCC050

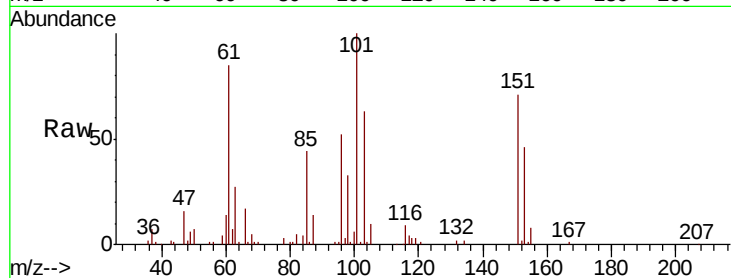
Tot Ion:101 Resp: 141289

Ion Ratio Lower Upper

101 100

85 43.7 34.5 51.7

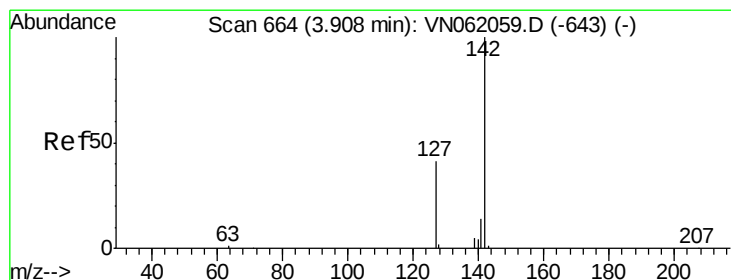
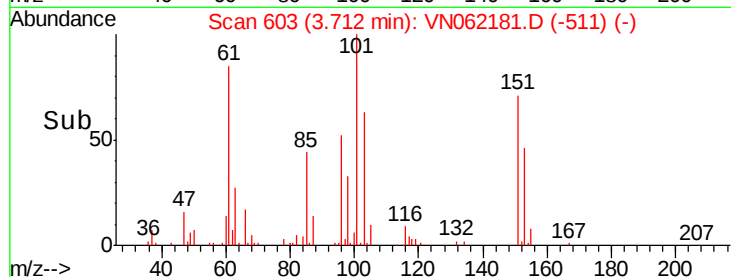
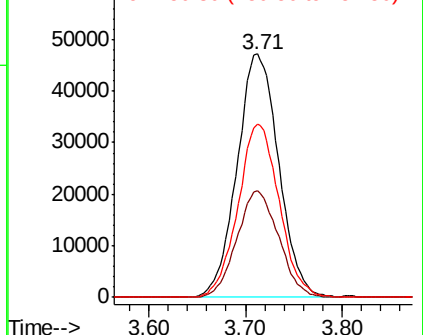
151 70.2 57.8 86.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 51.573 ug/l

RT: 3.91 min Scan# 663

Delta R.T. -0.00 min

Lab File: VN062181.D

Acq: 29 Jun 2020 10:55

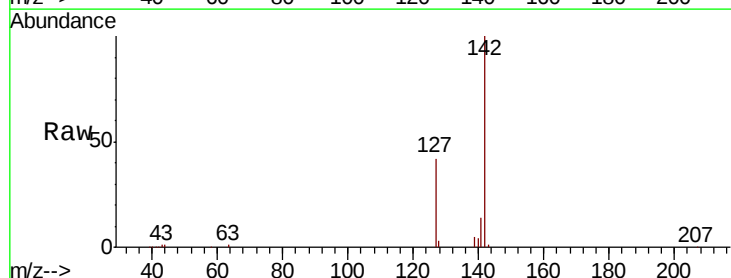
Tgt Ion:142 Resp: 169276

Ion Ratio Lower Upper

142 100

127 41.4 33.6 50.4

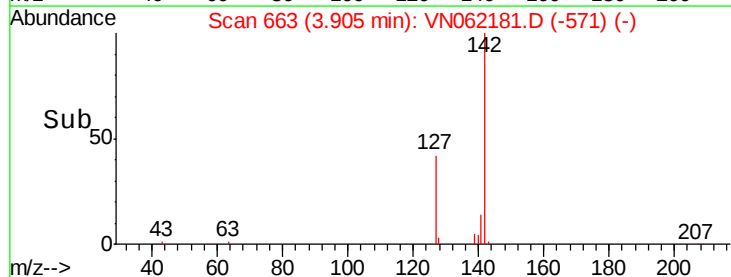
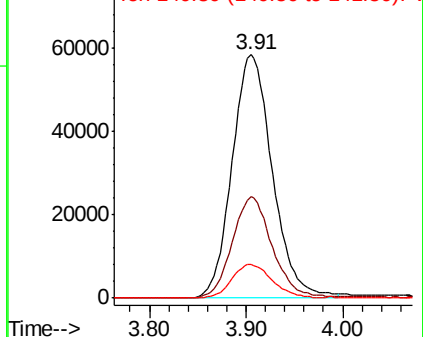
141 13.9 11.3 16.9

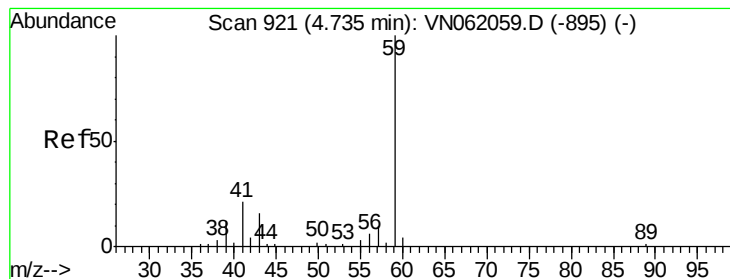


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



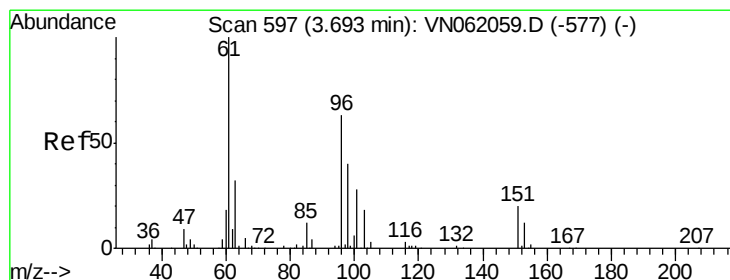
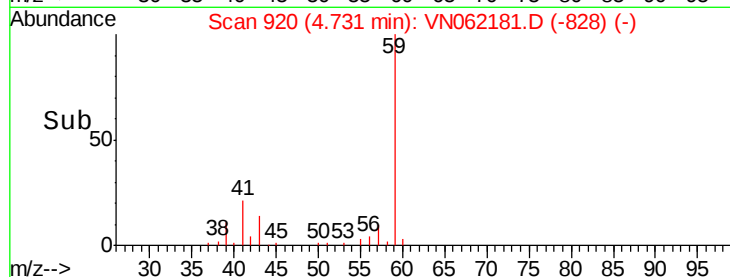
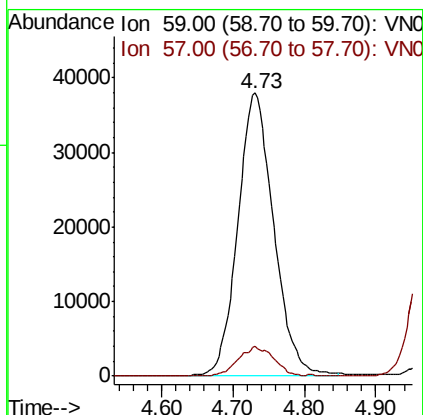
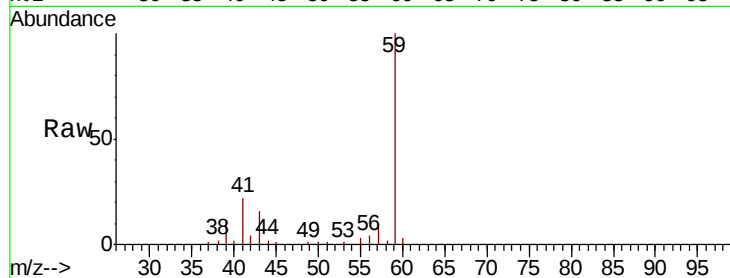


#11

Tert butyl alcohol
 Concen: 260.672 ug/l
 RT: 4.73 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VN062181.D
 Acq: 29 Jun 2020 10:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

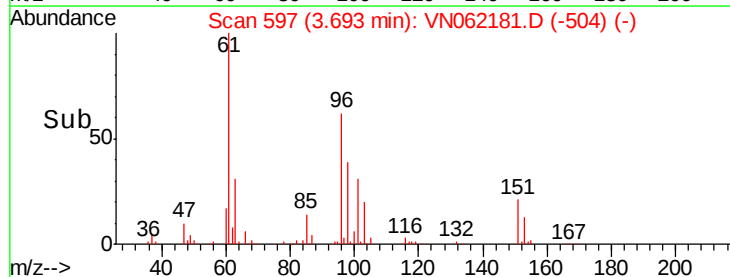
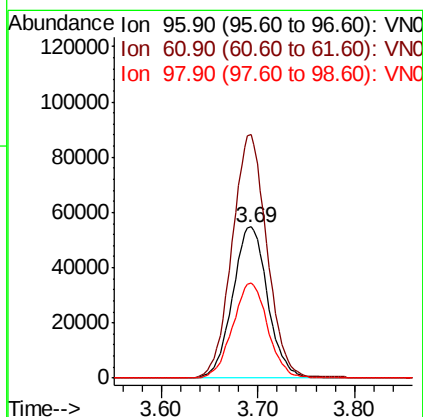
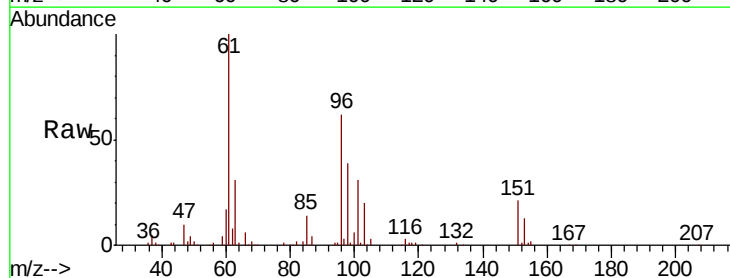
Tot Ion: 59 Resp: 133270
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.3 12.5

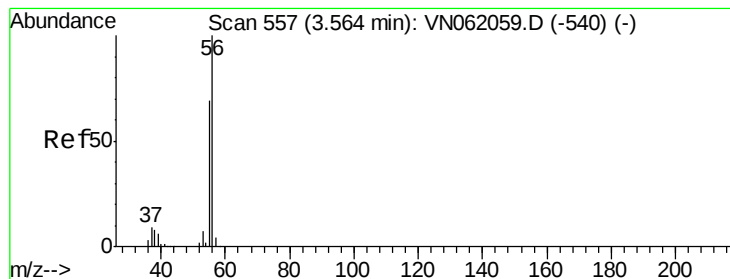


#12

1,1-Dichloroethene
 Concen: 47.378 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: VN062181.D
 Acq: 29 Jun 2020 10:55

Tgt Ion: 96 Resp: 138037
 Ion Ratio Lower Upper
 96 100
 61 160.9 126.7 190.1
 98 62.7 51.0 76.4





#13

Acrolein

Concen: 281.065 ug/l

RT: 3.56 min Scan# 556

Delta R.T. -0.00 min

Lab File: VN062181.D

Acq: 29 Jun 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

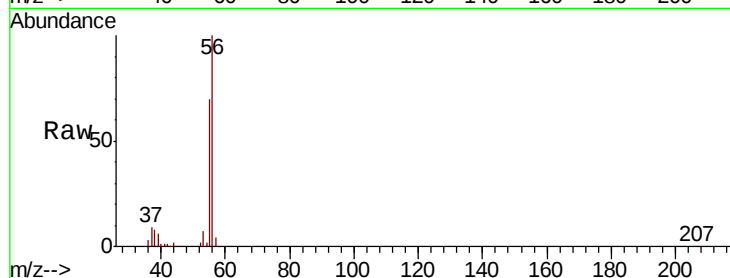
VSTDCCC050

Tot Ion: 56 Resp: 140687

Ion Ratio Lower Upper

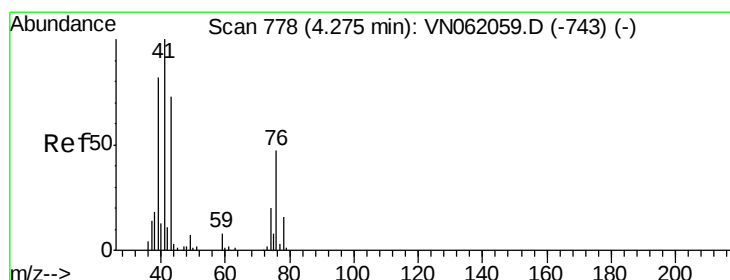
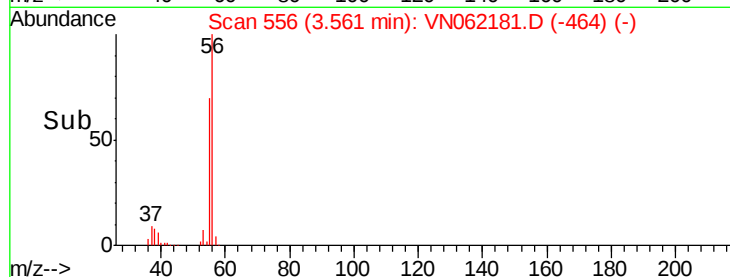
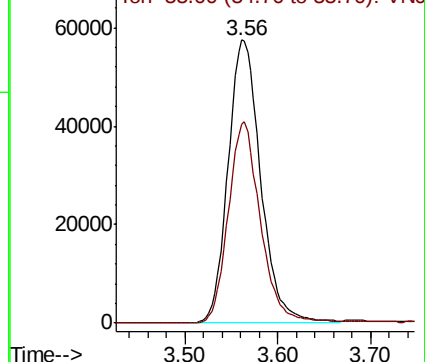
56 100

55 70.0 55.5 83.3



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 53.101 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN062181.D

Acq: 29 Jun 2020 10:55

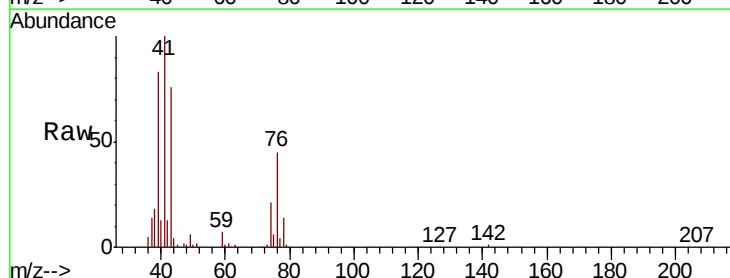
Tgt Ion: 41 Resp: 210640

Ion Ratio Lower Upper

41 100

39 74.6 60.0 90.0

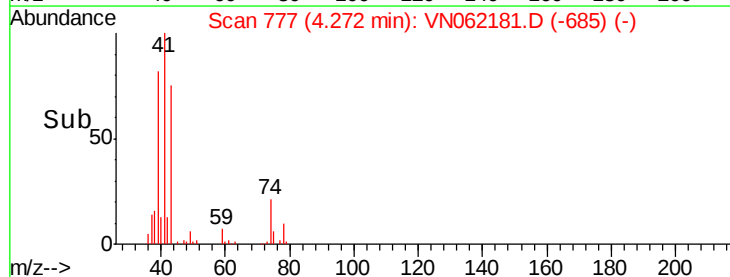
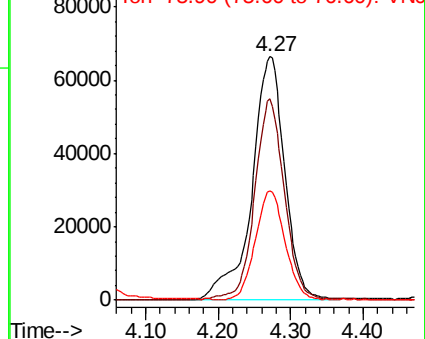
76 39.6 34.1 51.1

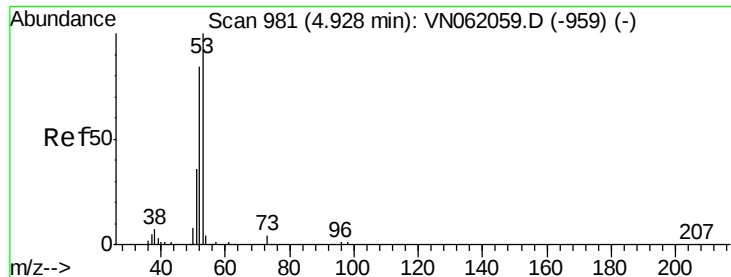


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 263.711 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN062181.D

Acq: 29 Jun 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

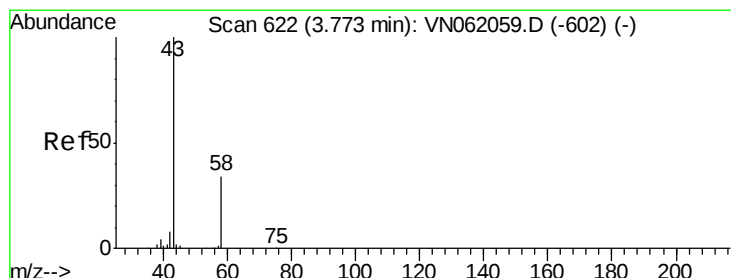
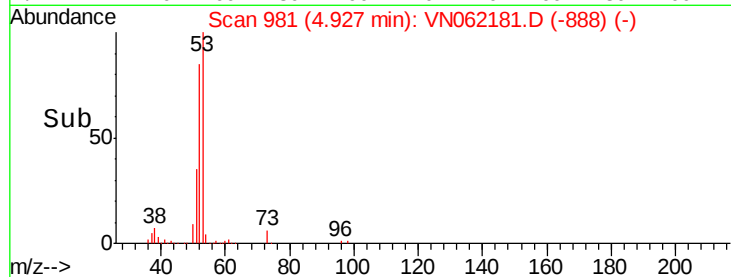
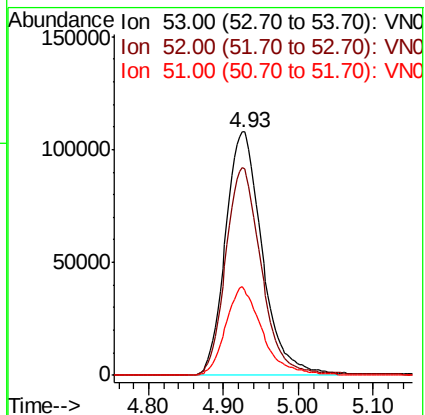
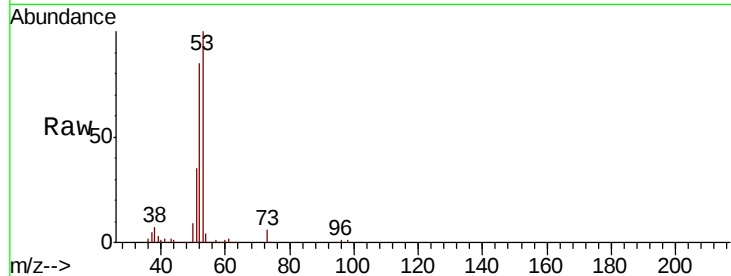
Tot Ion: 53 Resp: 367400

Ion Ratio Lower Upper

53 100

52 82.8 66.2 99.4

51 36.5 28.9 43.3



#16

Acetone

Concen: 289.683 ug/l

RT: 3.77 min Scan# 621

Delta R.T. -0.00 min

Lab File: VN062181.D

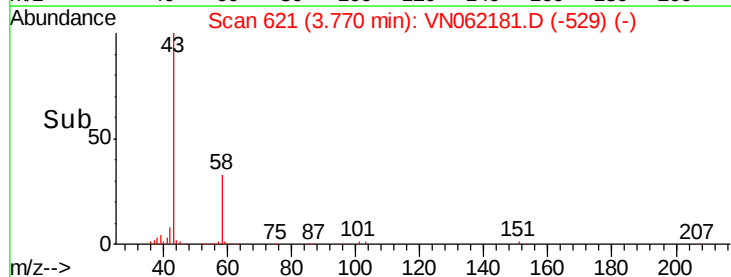
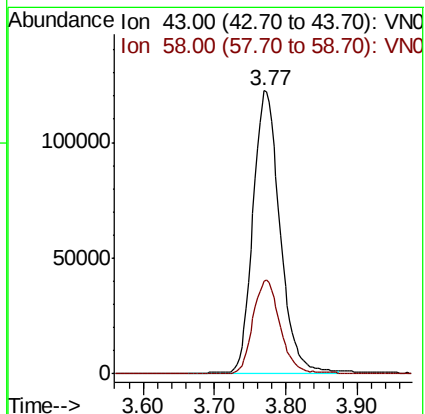
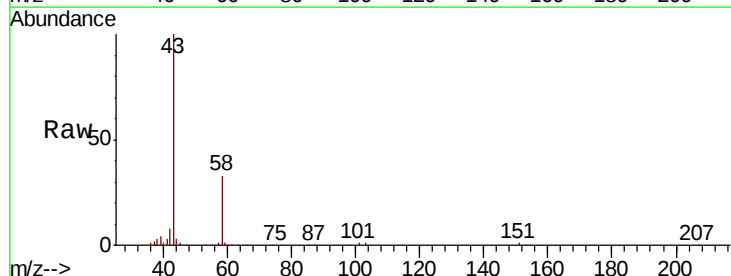
Acq: 29 Jun 2020 10:55

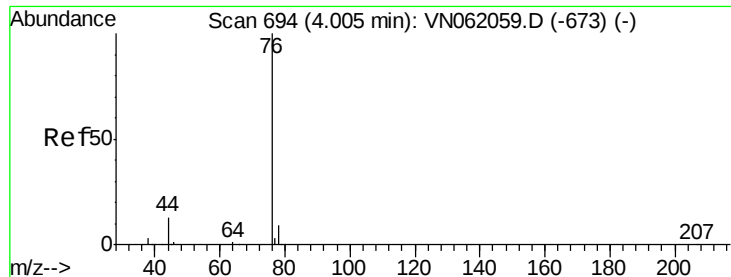
Tgt Ion: 43 Resp: 323057

Ion Ratio Lower Upper

43 100

58 32.7 27.5 41.3

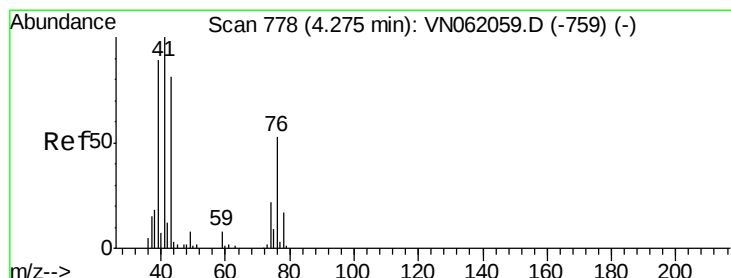
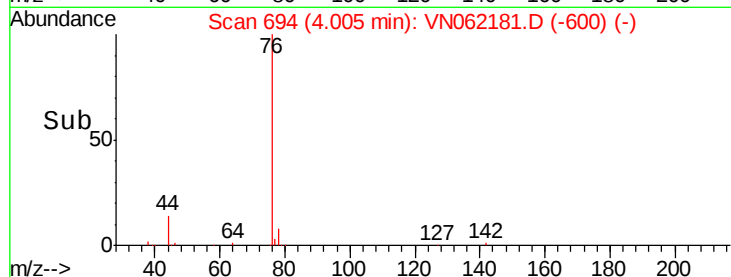
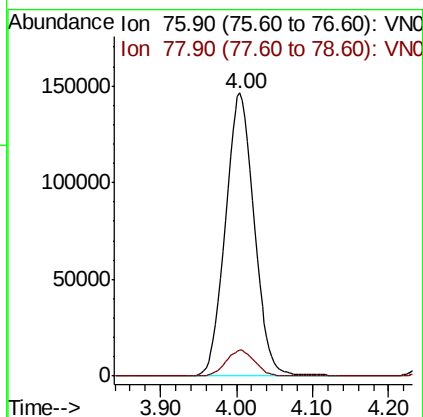
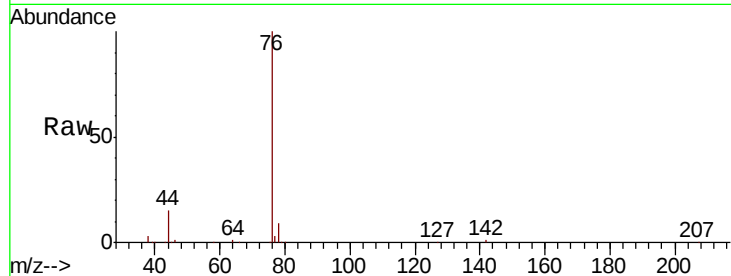




#17
Carbon Disulfide
Concen: 46.267 ug/l
RT: 4.00 min Scan# 694
Delta R.T. 0.00 min
Lab File: VN062181.D
Acq: 29 Jun 2020 10:55

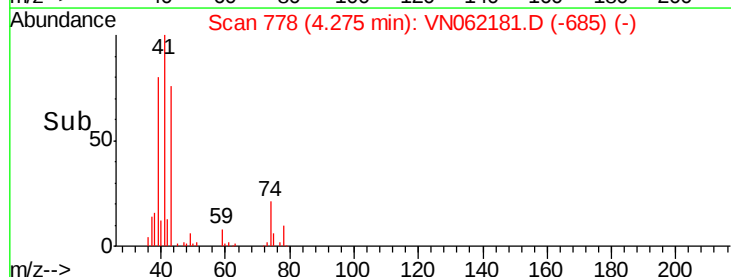
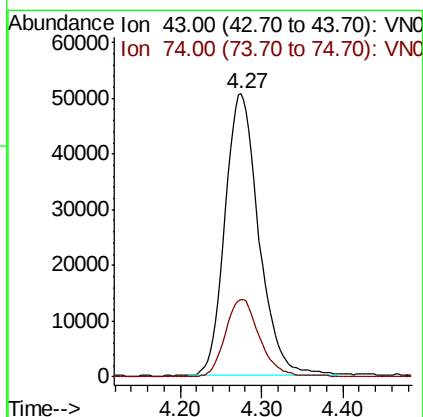
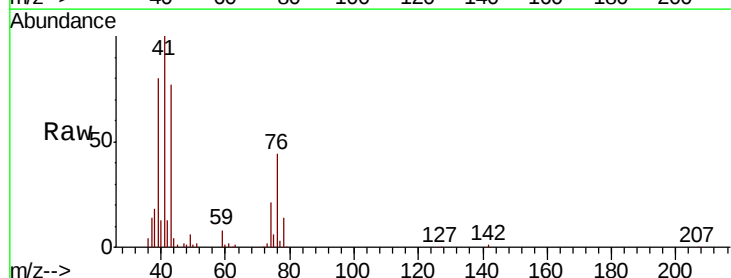
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

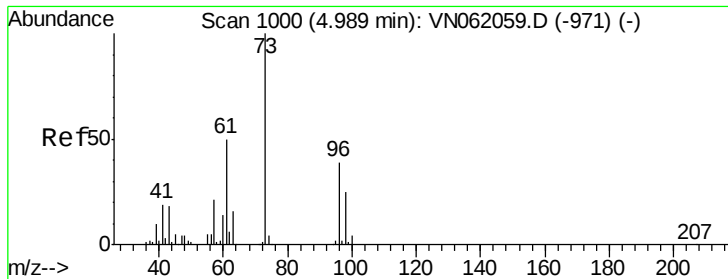
Tot Ion: 76 Resp: 386081
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8



#18
Methyl Acetate
Concen: 51.994 ug/l
RT: 4.27 min Scan# 778
Delta R.T. -0.00 min
Lab File: VN062181.D
Acq: 29 Jun 2020 10:55

Tgt Ion: 43 Resp: 147175
Ion Ratio Lower Upper
43 100
74 27.9 22.9 34.3

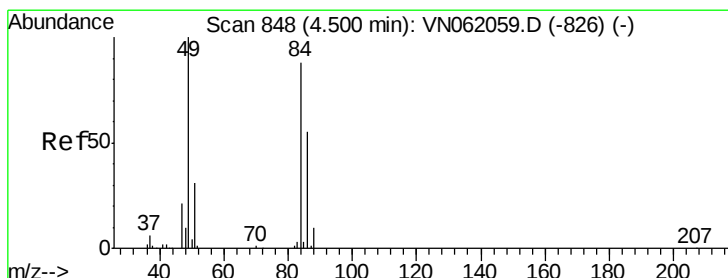
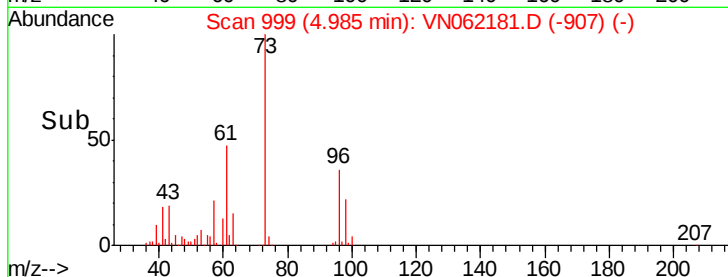
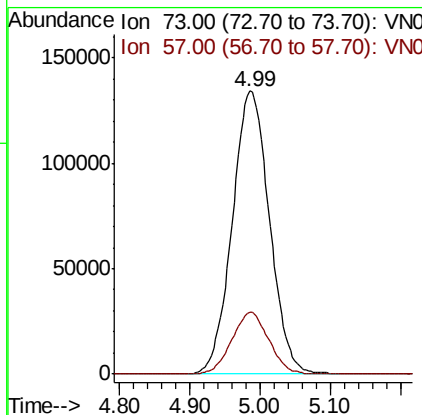
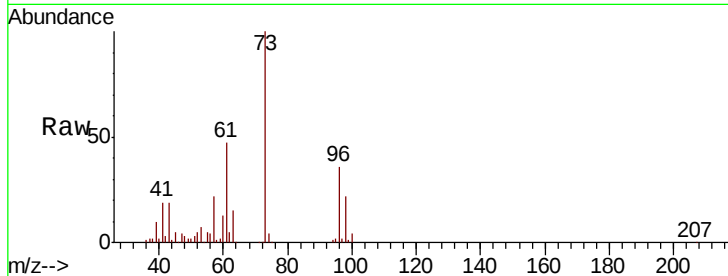




#19
Methvl tert-butvl Ether
Concen: 53.053 ug/l
RT: 4.99 min Scan# 999
Delta R.T. -0.00 min
Lab File: VN062181.D
Acq: 29 Jun 2020 10:55

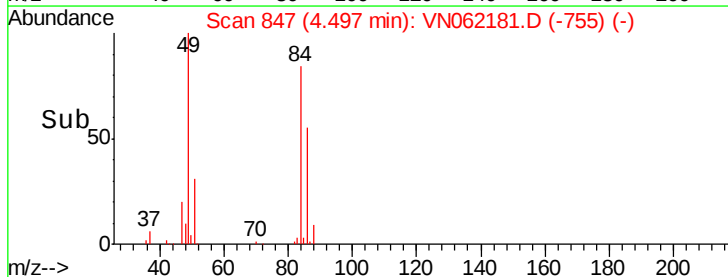
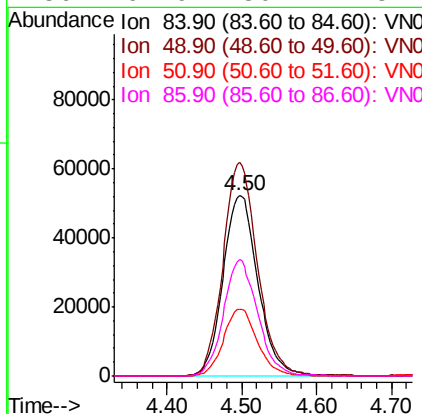
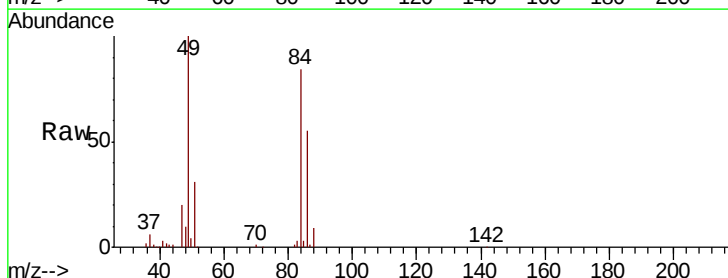
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

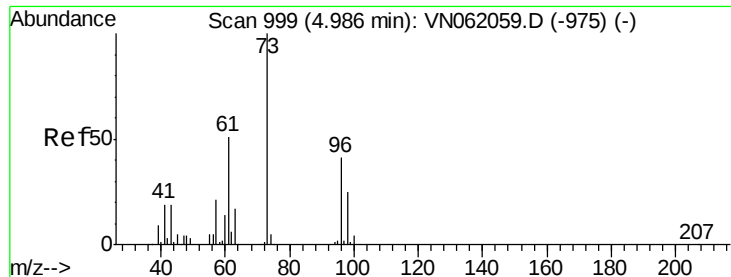
Tot Ion: 73 Resp: 493926
Ion Ratio Lower Upper
73 100
57 21.7 16.6 24.8



#20
Methylene Chloride
Concen: 51.827 ug/l
RT: 4.50 min Scan# 847
Delta R.T. -0.00 min
Lab File: VN062181.D
Acq: 29 Jun 2020 10:55

Tgt Ion: 84 Resp: 169386
Ion Ratio Lower Upper
84 100
49 118.0 90.6 136.0
51 37.1 27.8 41.8
86 64.9 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 46.124 ug/l

RT: 4.98 min Scan# 998

Delta R.T. -0.00 min

Lab File: VN062181.D

Acq: 29 Jun 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

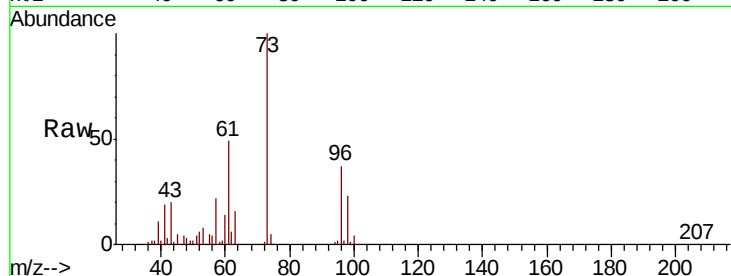
Tot Ion: 96 Resp: 153089

Ion Ratio Lower Upper

96 100

61 131.4 101.4 152.2

98 62.5 49.3 73.9

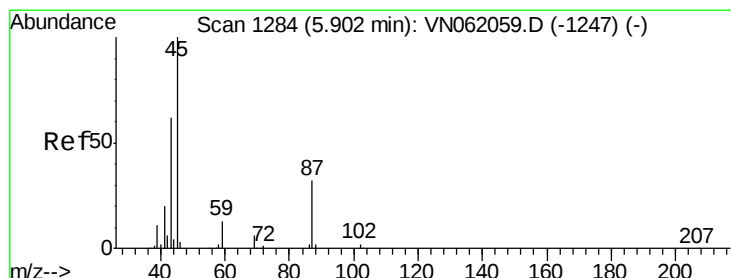
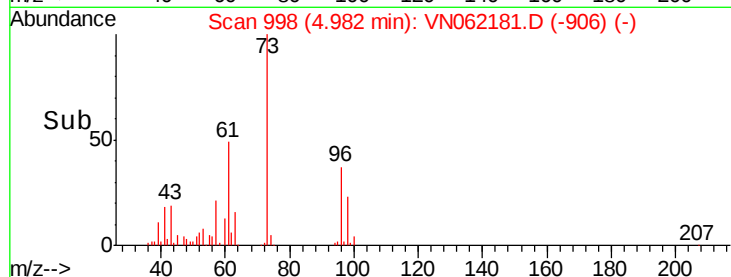
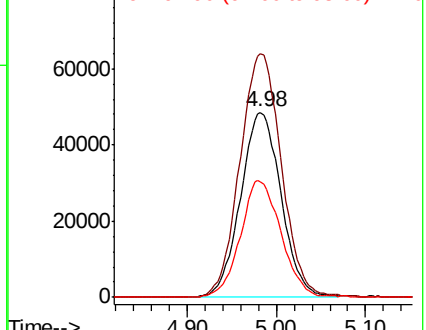


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 53.377 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. -0.01 min

Lab File: VN062181.D

Acq: 29 Jun 2020 10:55

Tgt Ion: 45 Resp: 482101

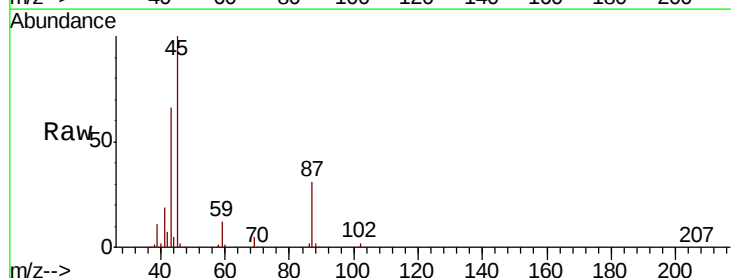
Ion Ratio Lower Upper

45 100

43 64.7 49.7 74.5

87 31.5 25.9 38.9

59 11.8 10.6 16.0



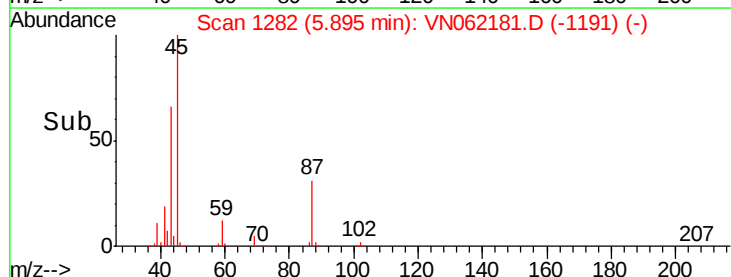
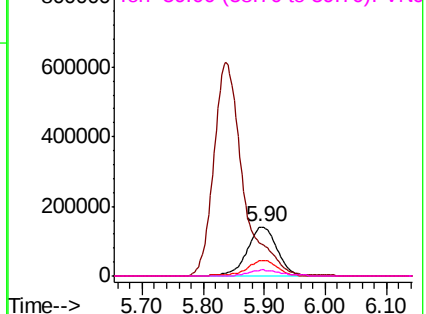
Abundance

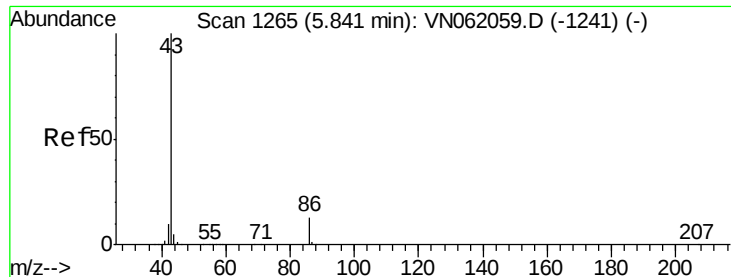
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0

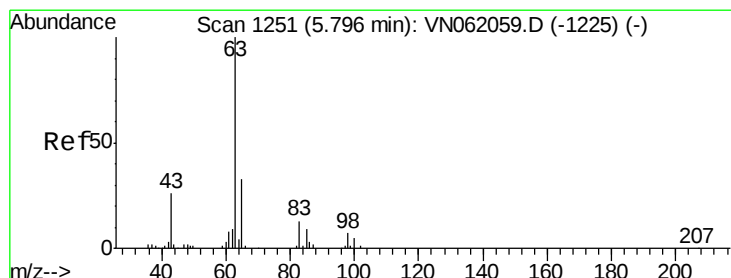
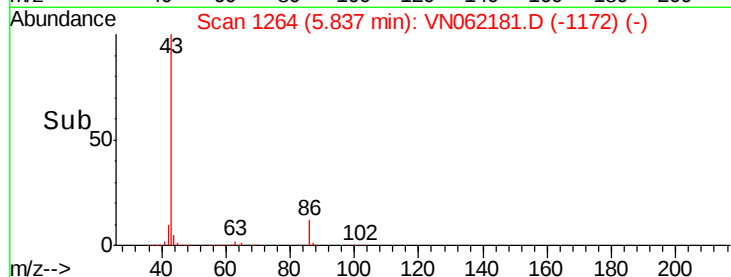
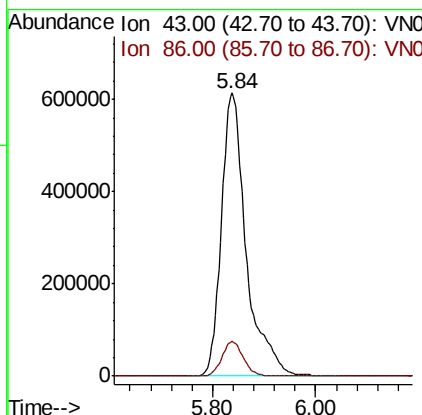
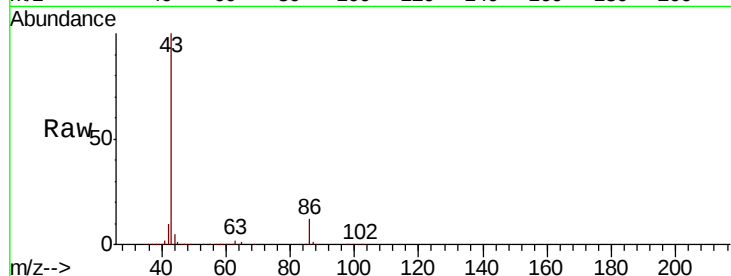




#23
 Vinyl Acetate
 Concen: 278.470 ug/l
 RT: 5.84 min Scan# 1264
 Delta R.T. -0.00 min
 Lab File: VN062181.D
 Acq: 29 Jun 2020 10:55

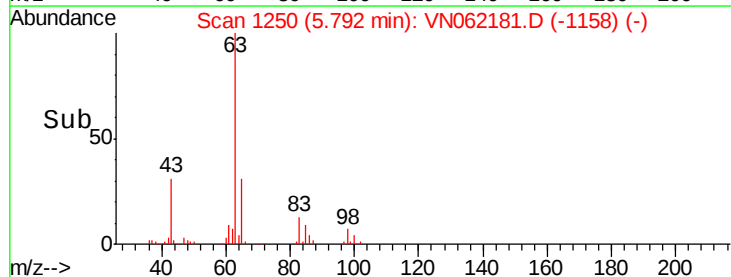
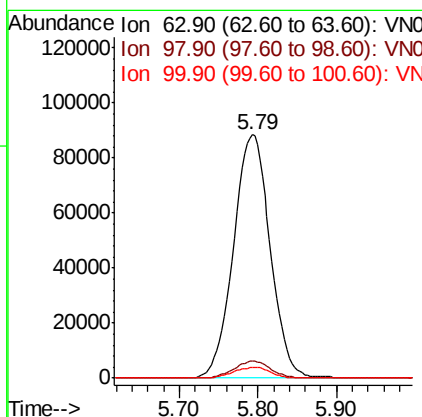
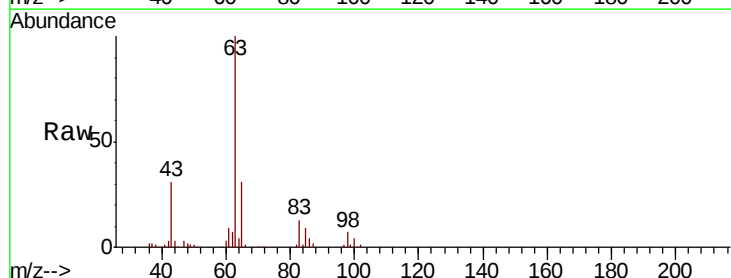
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

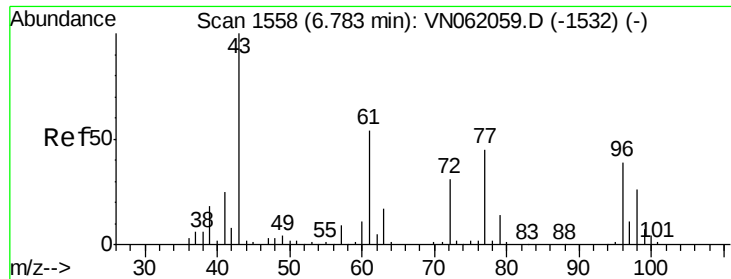
Tot Ion: 43 Resp: 2053451
 Ion Ratio Lower Upper
 43 100
 86 12.2 10.1 15.1



#24
 1,1-Dichloroethane
 Concen: 49.626 ug/l
 RT: 5.79 min Scan# 1250
 Delta R.T. -0.00 min
 Lab File: VN062181.D
 Acq: 29 Jun 2020 10:55

Tgt Ion: 63 Resp: 288627
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.6 10.9
 100 4.3 2.4 7.1

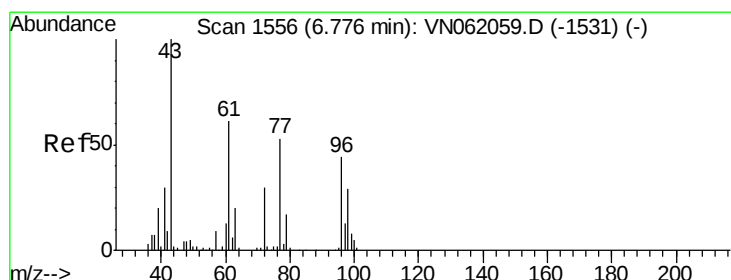
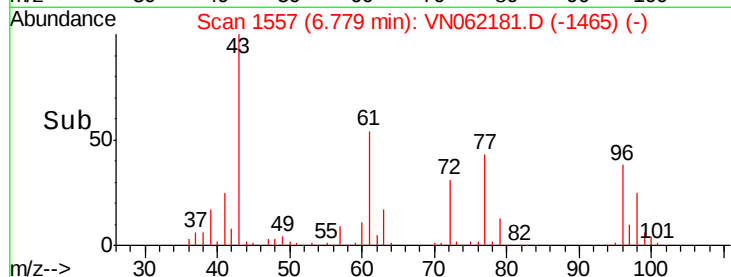
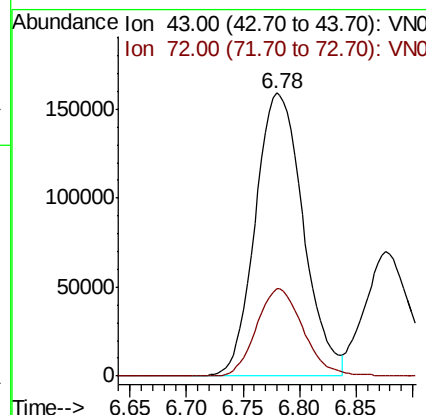
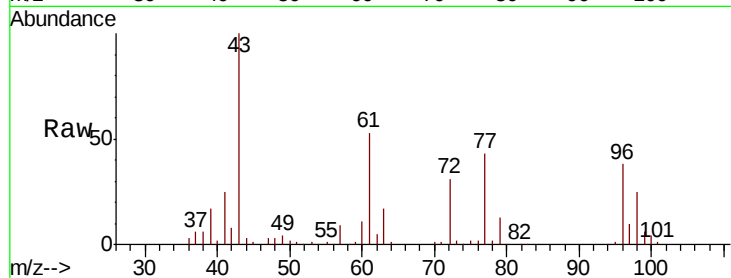




#25
2-Butanone
Concen: 267.711 ug/l
RT: 6.78 min Scan# 1557
Delta R.T. -0.00 min
Lab File: VN062181.D
Acq: 29 Jun 2020 10:55

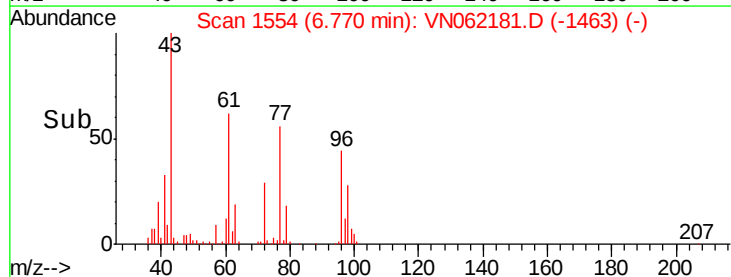
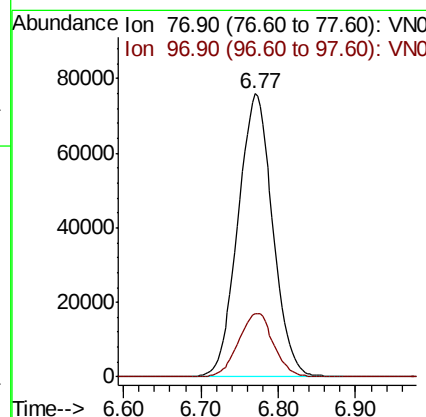
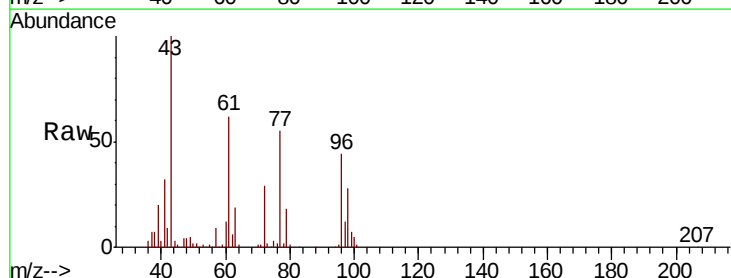
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

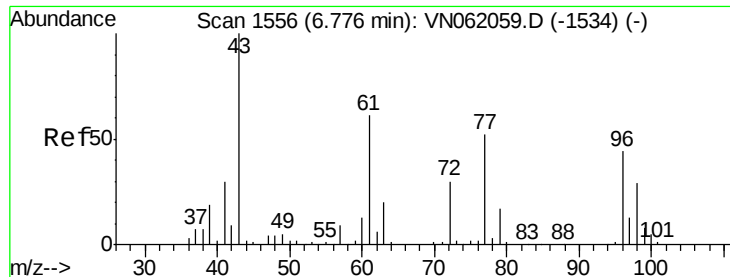
Tot Ion: 43 Resp: 465947
Ion Ratio Lower Upper
43 100
72 30.8 24.8 37.2



#26
2,2-Dichloropropane
Concen: 48.893 ug/l
RT: 6.77 min Scan# 1554
Delta R.T. -0.01 min
Lab File: VN062181.D
Acq: 29 Jun 2020 10:55

Tgt Ion: 77 Resp: 236964
Ion Ratio Lower Upper
77 100
97 22.5 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 48.673 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.00 min

Lab File: VN062181.D

Acq: 29 Jun 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

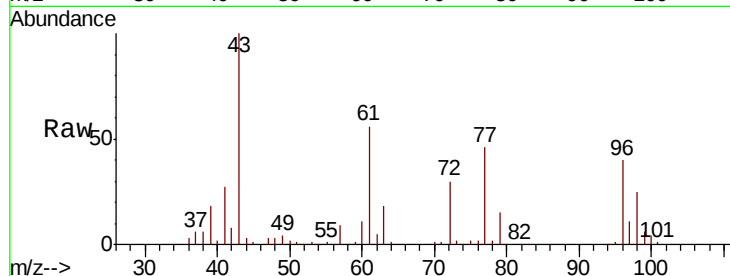
Tot Ion: 96 Resp: 181786

Ion Ratio Lower Upper

96 100

61 140.7 0.0 280.4

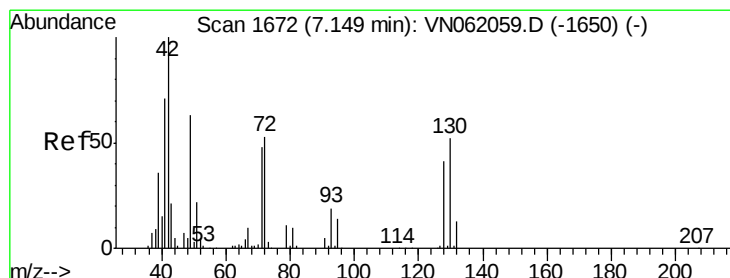
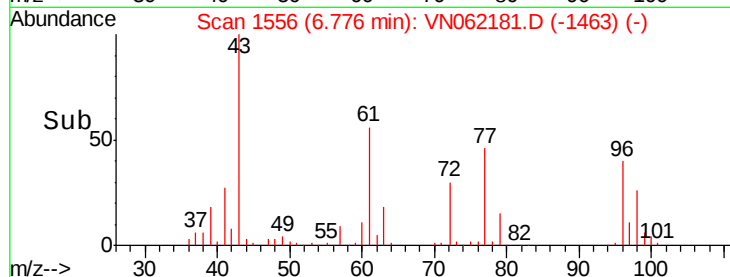
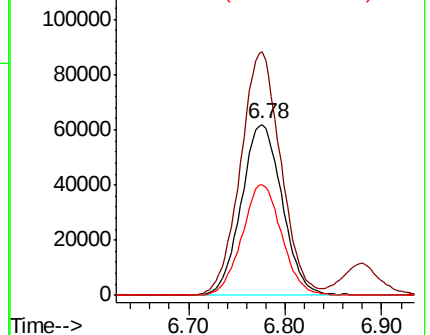
98 63.0 0.0 129.4



Abundance Ion 95.90 (95.60 to 96.60): VN062181.D (-1463) (-)

Ion 60.90 (60.60 to 61.60): VN062181.D (-1463) (-)

Ion 97.90 (97.60 to 98.60): VN062181.D (-1463) (-)



#28

Bromochloromethane

Concen: 50.438 ug/l

RT: 7.14 min Scan# 1670

Delta R.T. -0.01 min

Lab File: VN062181.D

Acq: 29 Jun 2020 10:55

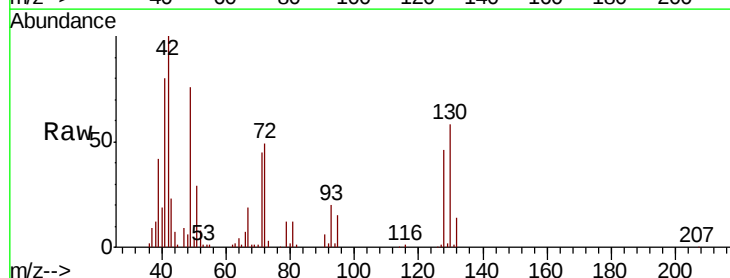
Tgt Ion: 49 Resp: 127278

Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.4

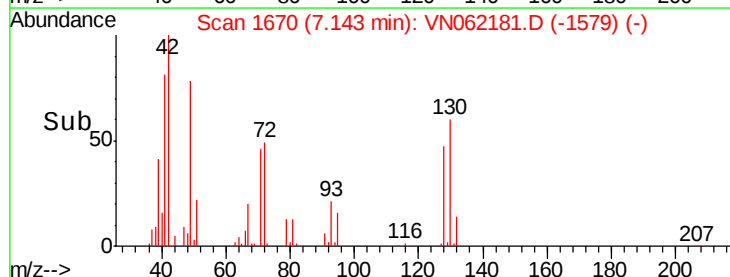
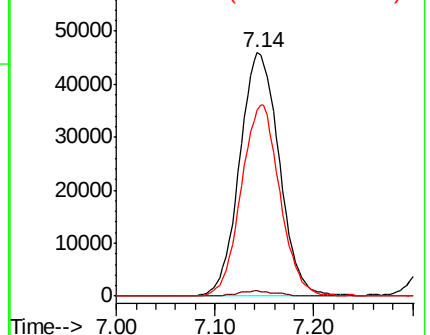
130 76.7 65.5 98.3

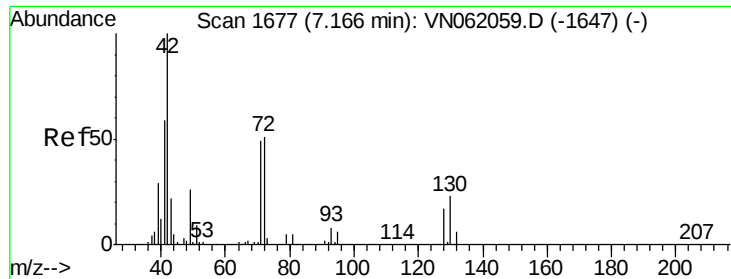


Abundance Ion 48.90 (48.60 to 49.60): VN062181.D (-1579) (-)

Ion 128.80 (128.50 to 129.50): VN062181.D (-1579) (-)

Ion 129.80 (129.50 to 130.50): VN062181.D (-1579) (-)

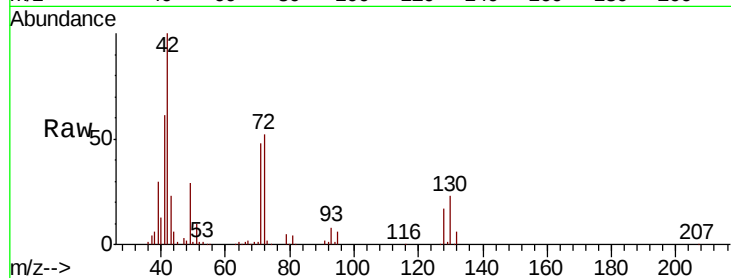




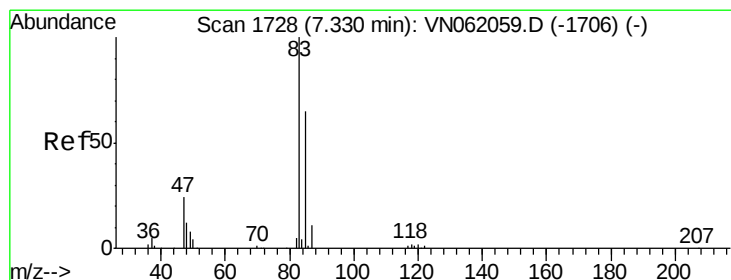
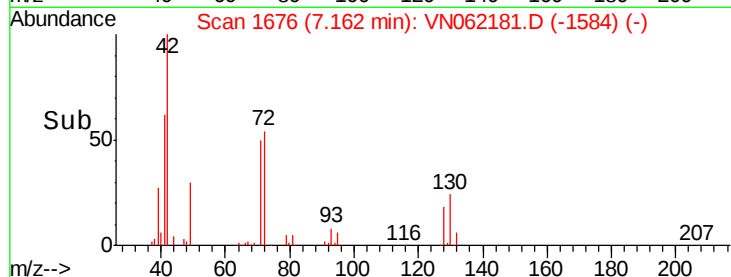
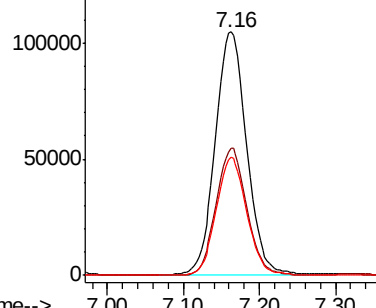
#29
Tetrahydrofuran
Concen: 263.633 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. -0.00 min
Lab File: VN062181.D
Acq: 29 Jun 2020 10:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 42 Resp: 300568
Ion Ratio Lower Upper
42 100
72 51.2 41.1 61.7
71 47.4 38.2 57.4

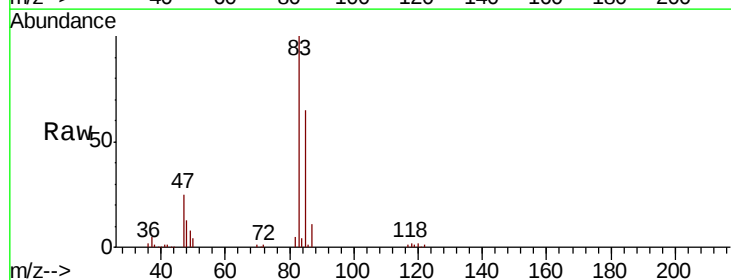


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

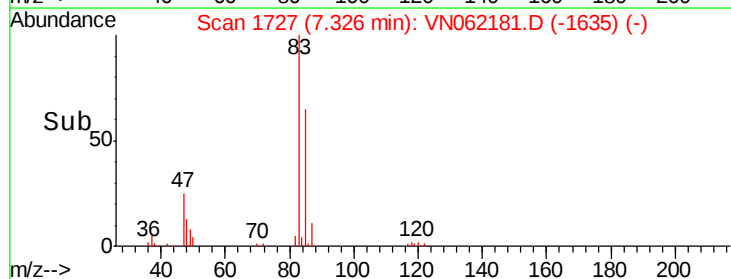
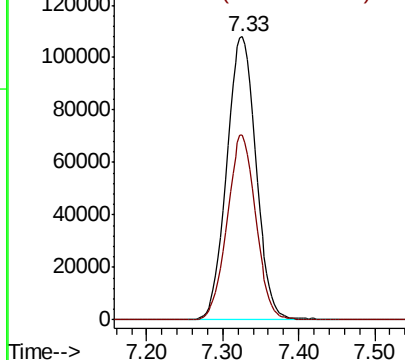


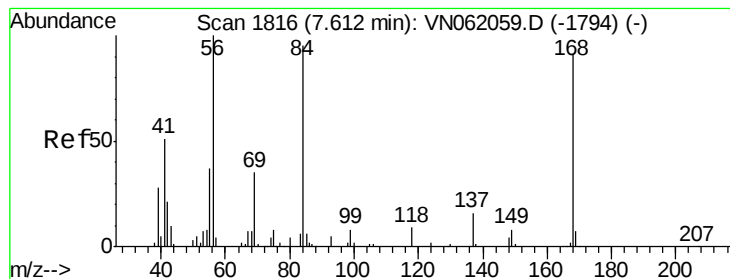
#30
Chloroform
Concen: 49.027 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062181.D
Acq: 29 Jun 2020 10:55

Tgt Ion: 83 Resp: 290113
Ion Ratio Lower Upper
83 100
85 65.3 52.3 78.5



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 48.925 ug/l

RT: 7.61 min Scan# 1815

Delta R.T. -0.00 min

Lab File: VN062181.D

Acq: 29 Jun 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

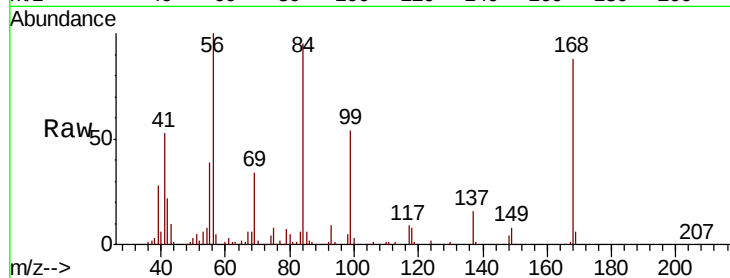
Tot Ion: 56 Resp: 240691

Ion Ratio Lower Upper

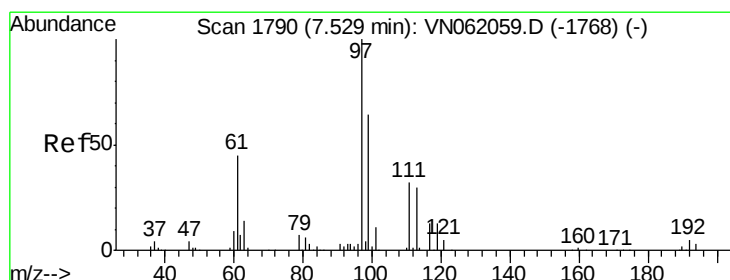
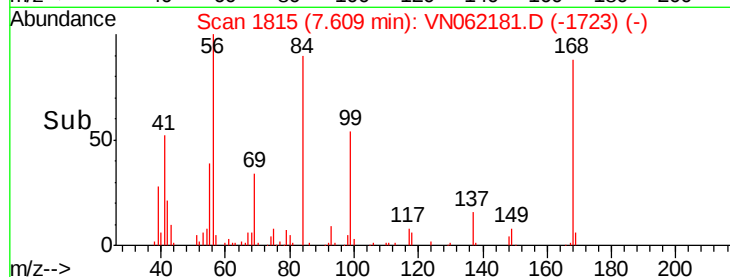
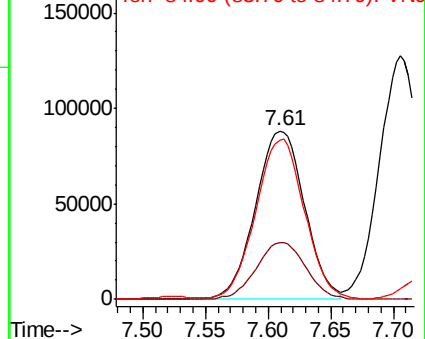
56 100

69 33.6 28.0 42.0

84 93.5 76.1 114.1



Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO



#32

1,1,1-Trichloroethane

Concen: 47.852 ug/l

RT: 7.53 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VN062181.D

Acq: 29 Jun 2020 10:55

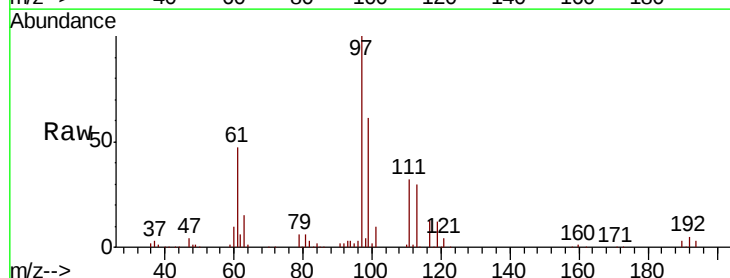
Tgt Ion: 97 Resp: 238793

Ion Ratio Lower Upper

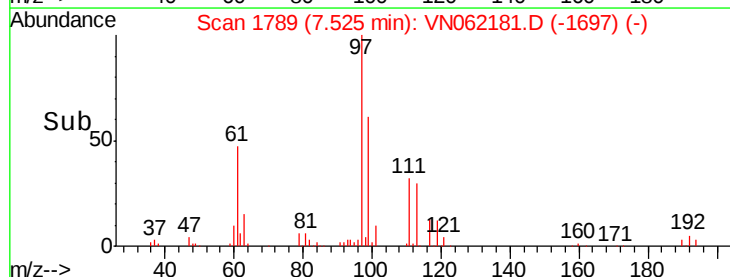
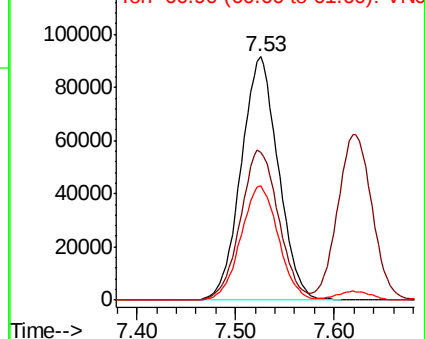
97 100

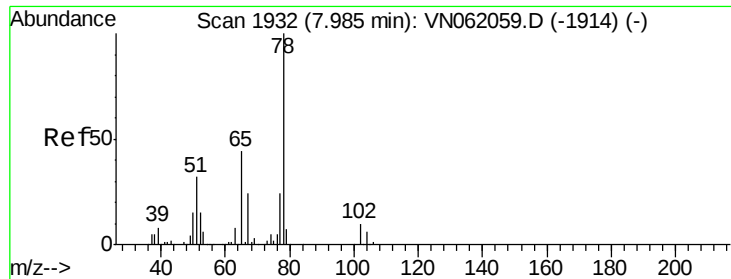
99 63.1 51.0 76.4

61 47.3 36.2 54.2



Abundance Ion 96.90 (96.60 to 97.60): VNO
Ion 98.90 (98.60 to 99.60): VNO
Ion 60.90 (60.60 to 61.60): VNO

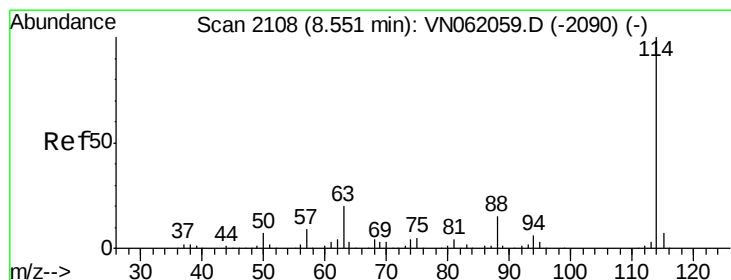
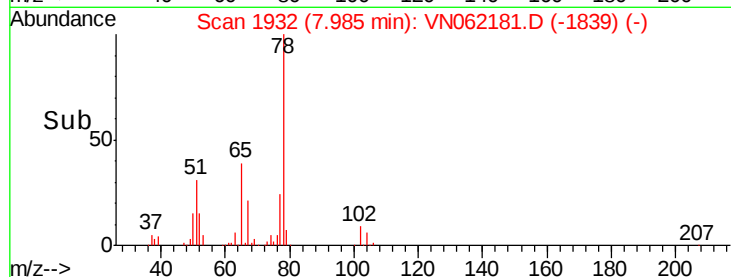
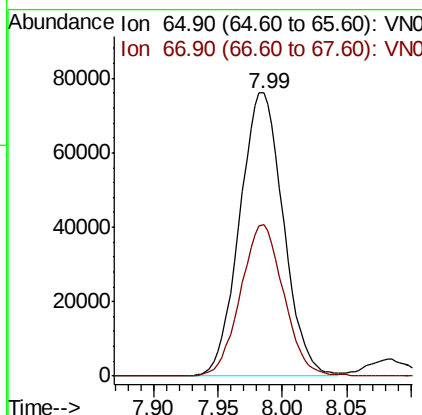
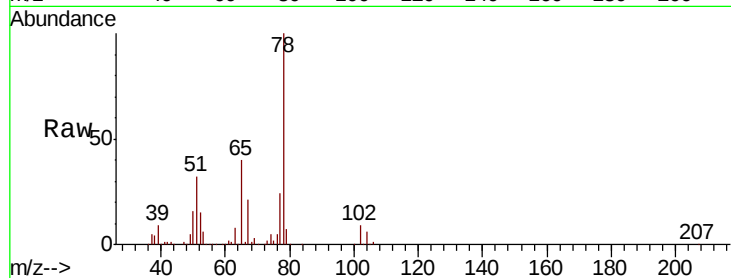




#33
 1,2-Dichloroethane-d4
 Concen: 50.506 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062181.D
 Acq: 29 Jun 2020 10:55

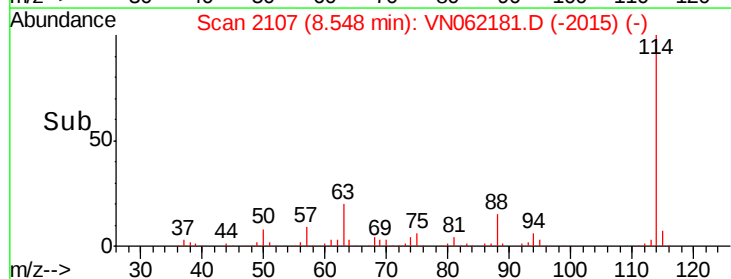
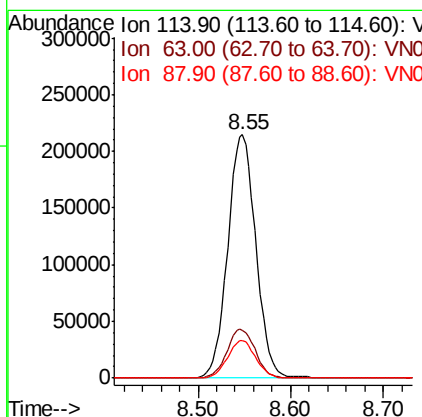
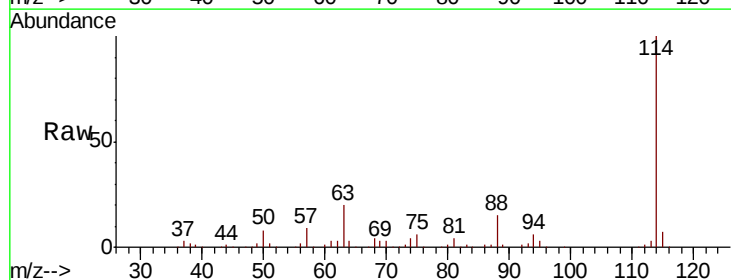
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

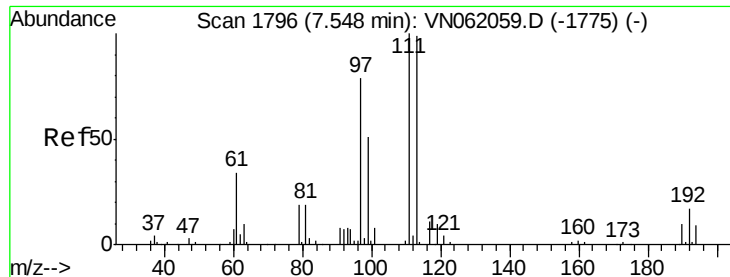
Tot Ion: 65 Resp: 179844
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062181.D
 Acq: 29 Jun 2020 10:55

Tgt Ion: 114 Resp: 450941
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.2
 88 15.3 0.0 30.8

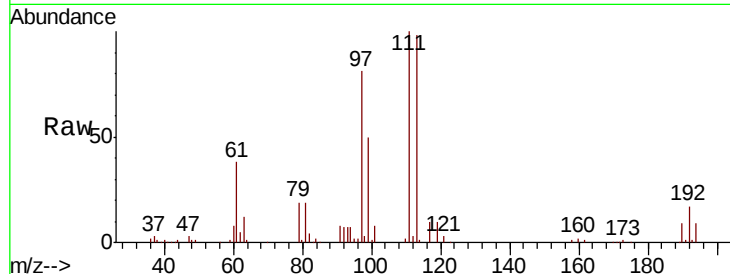




#35
 Dibromofluoromethane
 Concen: 48.917 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VN062181.D
 Acq: 29 Jun 2020 10:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.2	123.4
192	17.8	14.0	21.0

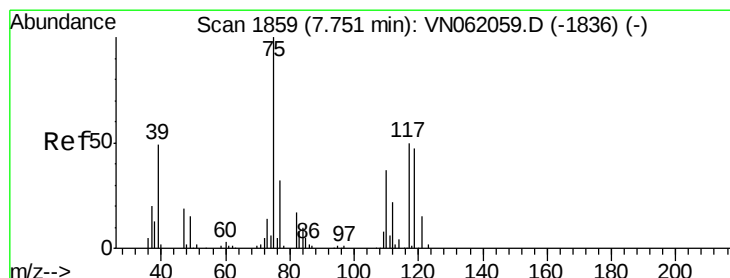
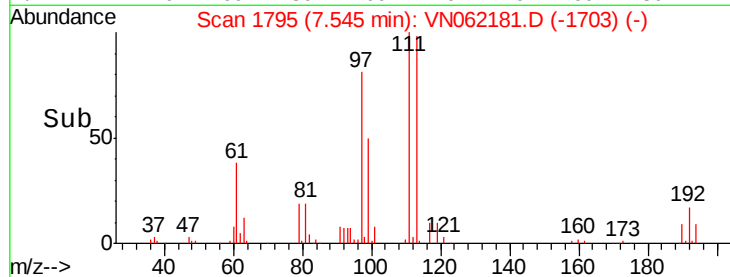
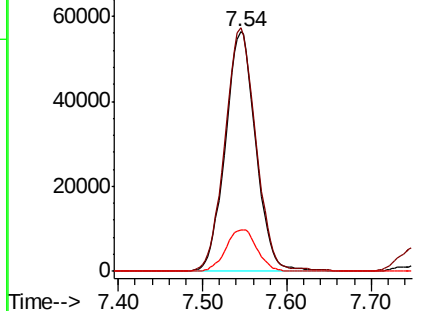


Abundance

Ion 112.80 (112.50 to 113.50): V

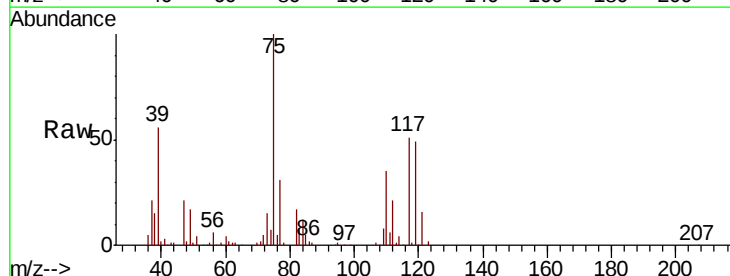
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 47.516 ug/l
 RT: 7.75 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: VN062181.D
 Acq: 29 Jun 2020 10:55

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.0	17.9	53.8
77	30.9	24.9	37.3

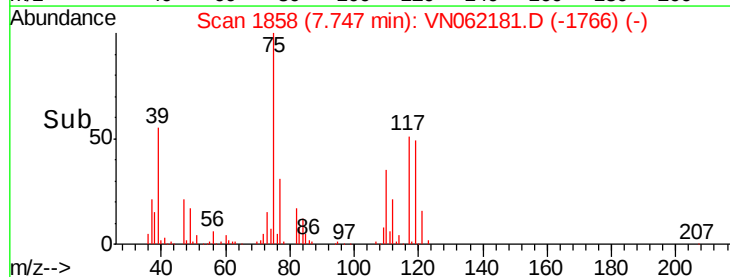
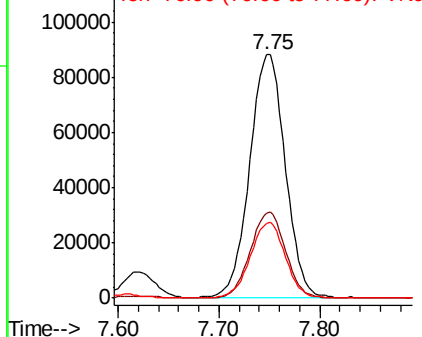


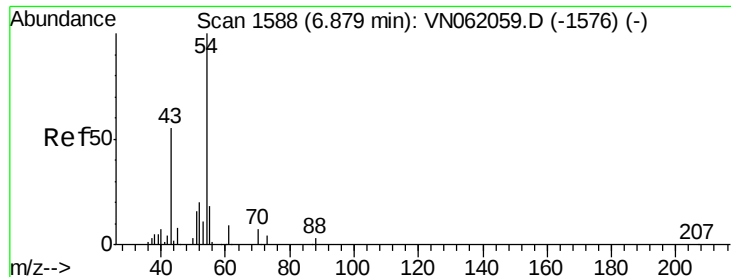
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

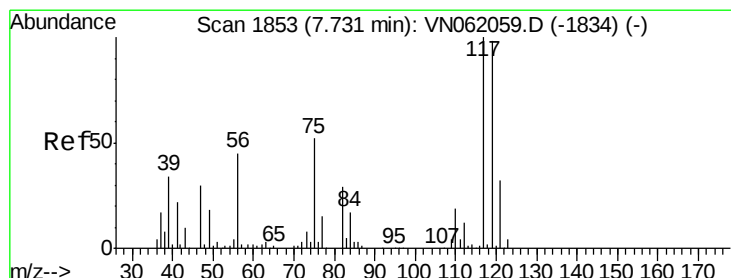
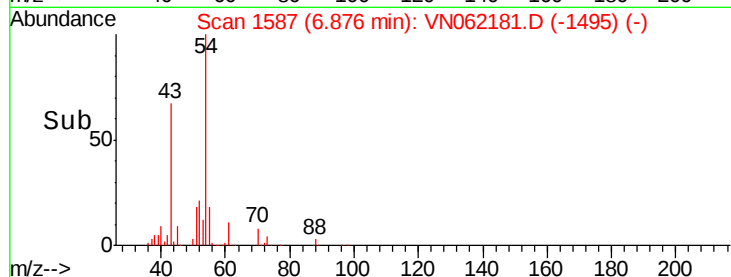
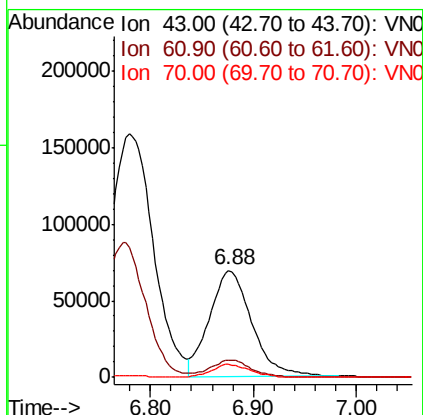
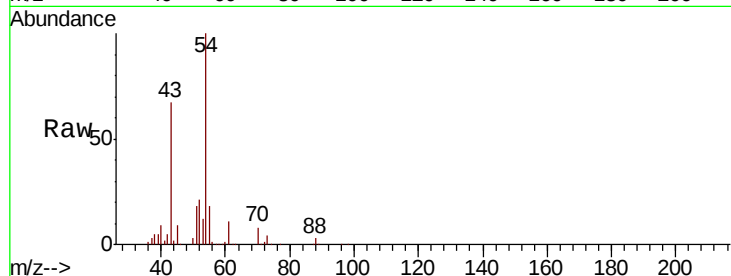




#37
Ethyl Acetate
Concen: 52.557 ug/l
RT: 6.88 min Scan# 1587
Delta R.T. -0.00 min
Lab File: VN062181.D
Acq: 29 Jun 2020 10:55

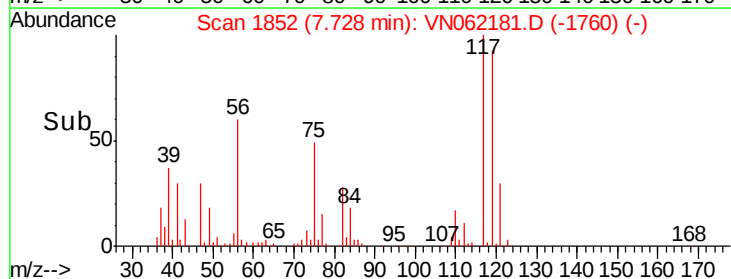
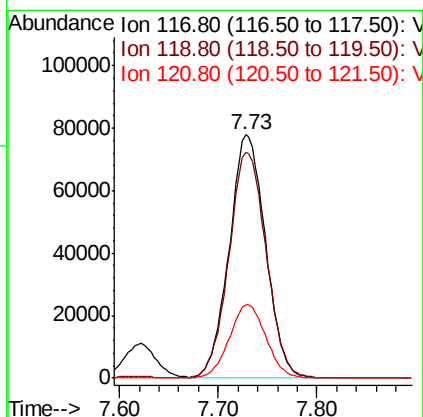
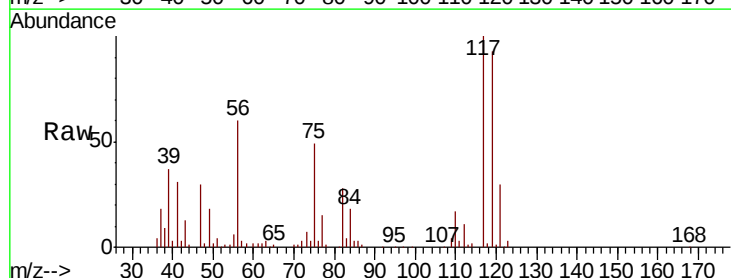
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

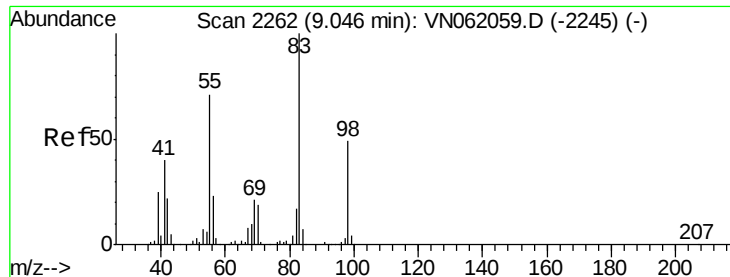
Tot Ion: 43 Resp: 197261
Ion Ratio Lower Upper
43 100
61 15.2 12.0 18.0
70 11.3 9.6 14.4



#38
Carbon Tetrachloride
Concen: 46.647 ug/l
RT: 7.73 min Scan# 1852
Delta R.T. -0.00 min
Lab File: VN062181.D
Acq: 29 Jun 2020 10:55

Tgt Ion: 117 Resp: 199334
Ion Ratio Lower Upper
117 100
119 92.7 78.2 117.2
121 30.1 25.8 38.6

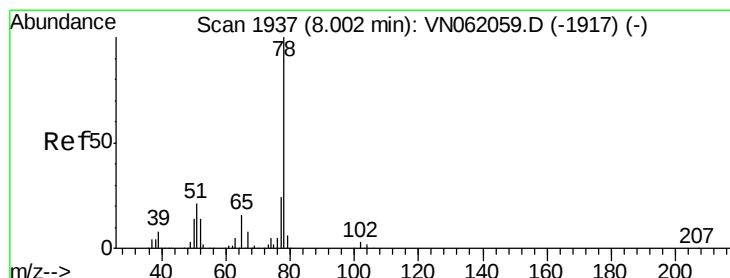
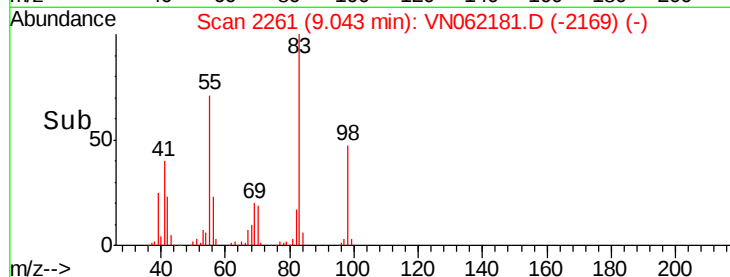
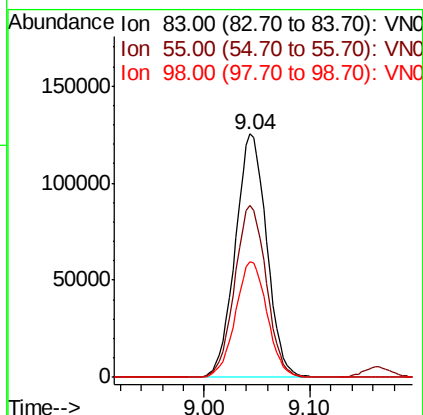
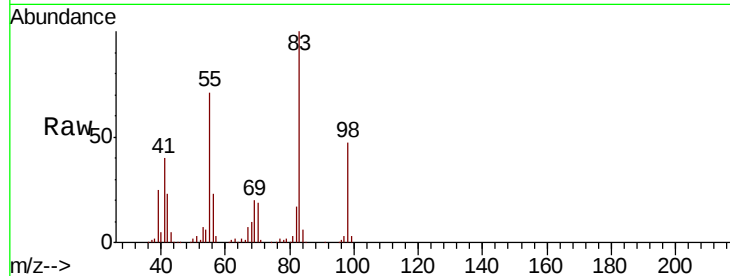




#39
Methvlcvclohexane
Concen: 52.132 ug/l
RT: 9.04 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VN062181.D
Acq: 29 Jun 2020 10:55

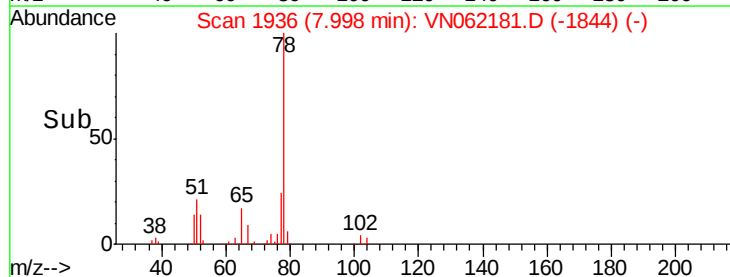
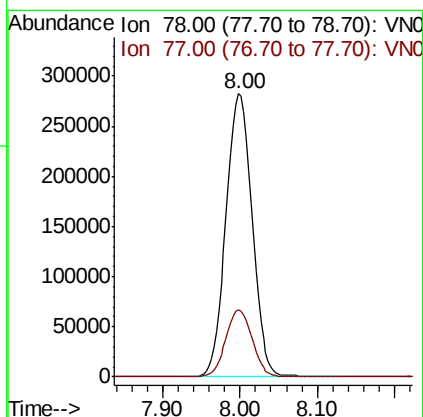
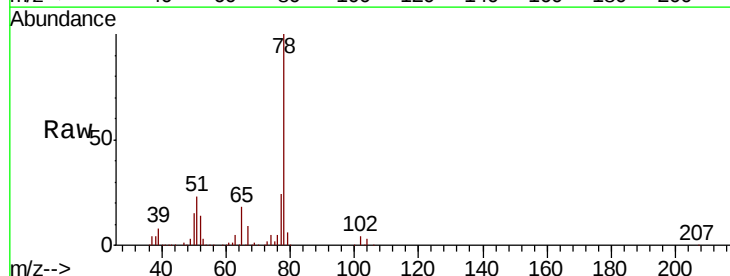
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

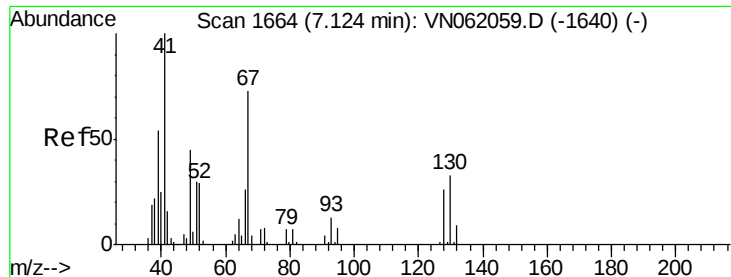
Tot Ion: 83 Resp: 258904
Ion Ratio Lower Upper
83 100
55 70.5 57.0 85.6
98 47.4 39.0 58.6



#40
Benzene
Concen: 48.072 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VN062181.D
Acq: 29 Jun 2020 10:55

Tgt Ion: 78 Resp: 664121
Ion Ratio Lower Upper
78 100
77 23.8 19.5 29.3

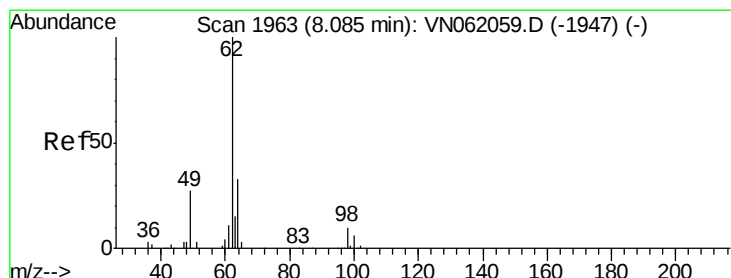
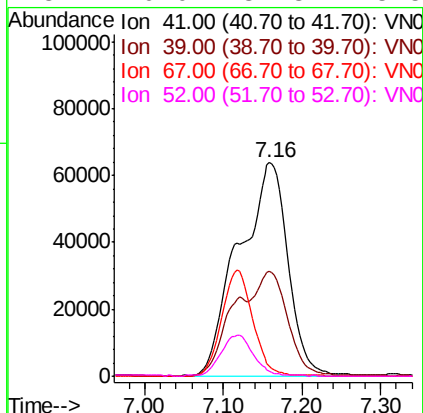
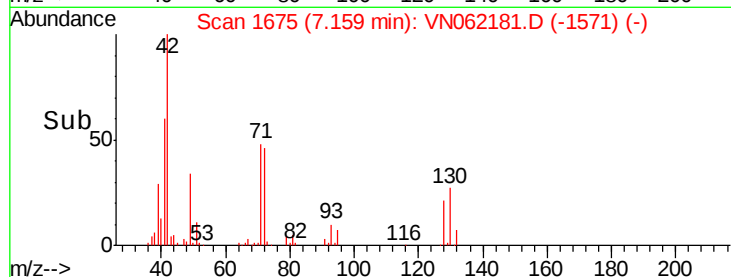
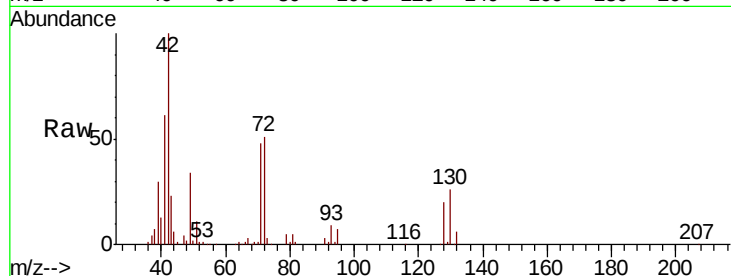




#41
Methacrylonitrile
Concen: 159.474 ug/l
RT: 7.16 min Scan# 1675
Delta R.T. 0.04 min
Lab File: VN062181.D
Acq: 29 Jun 2020 10:55

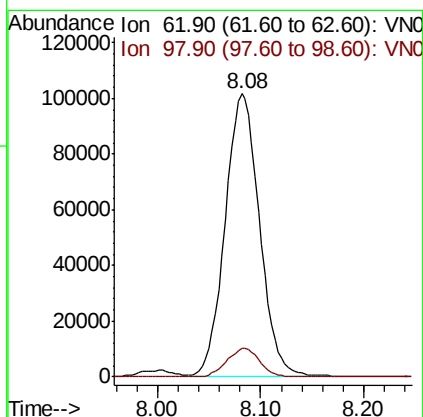
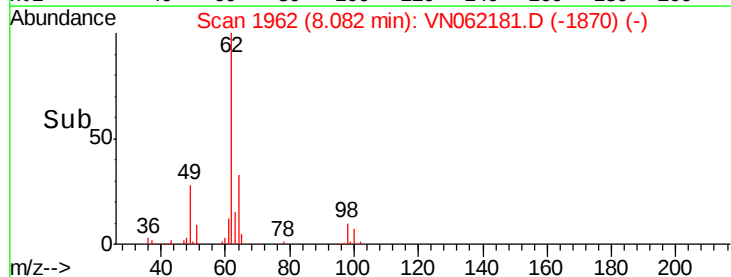
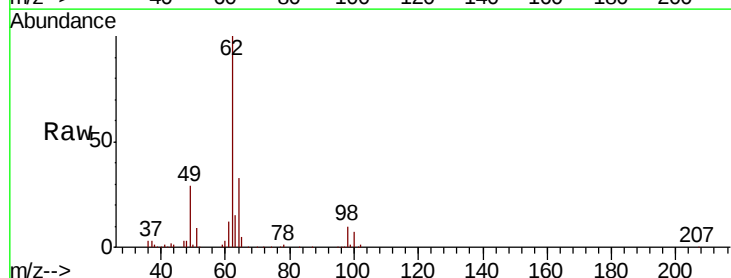
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

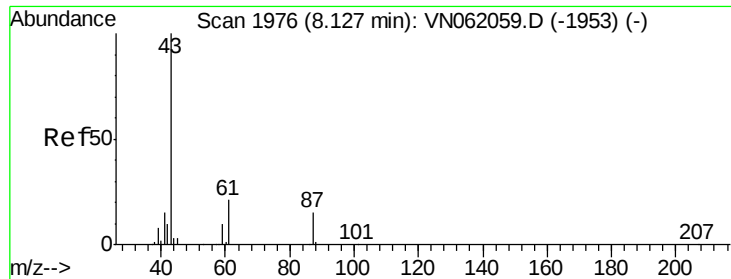
Tot Ion: 41 Resp: 277490
Ion Ratio Lower Upper
41 100
39 0.0 44.2 66.2#
67 0.0 79.5 119.3#
52 0.0 32.3 48.5#



#42
1,2-Dichloroethane
Concen: 50.383 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN062181.D
Acq: 29 Jun 2020 10:55

Tgt Ion: 62 Resp: 235171
Ion Ratio Lower Upper
62 100
98 9.7 0.0 19.8





#43

Isopropyl Acetate

Concen: 54.365 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN062181.D

Acq: 29 Jun 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

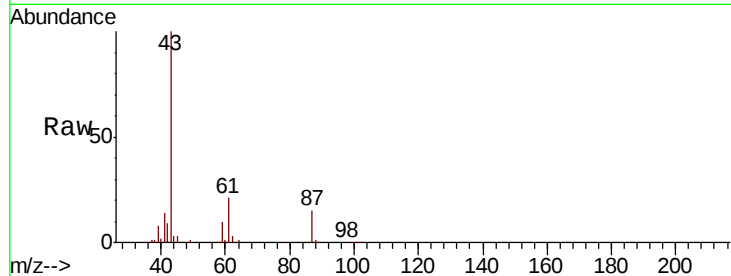
Tot Ion: 43 Resp: 332627

Ion Ratio Lower Upper

43 100

61 21.9 17.2 25.8

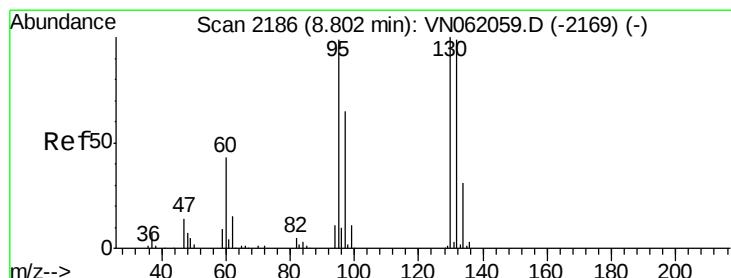
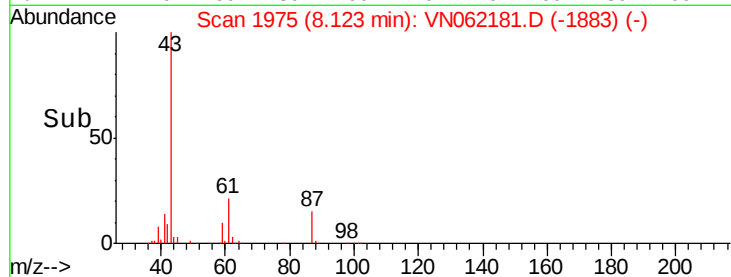
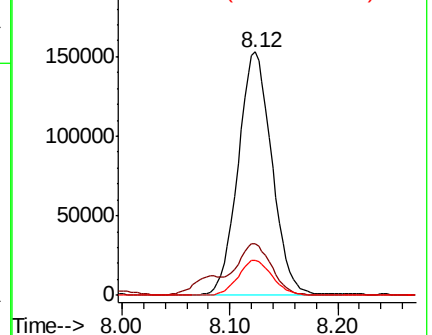
87 14.6 12.1 18.1



Abundance Ion 43.00 (42.70 to 43.70): VN062059.D (-1953) (-)

Ion 61.00 (60.70 to 61.70): VN062059.D (-1953) (-)

Ion 87.00 (86.70 to 87.70): VN062059.D (-1953) (-)



#44

Trichloroethene

Concen: 46.405 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN062181.D

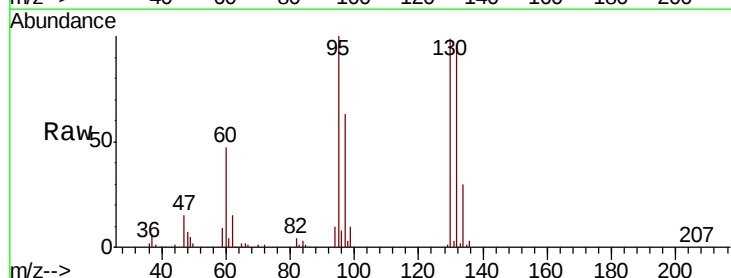
Acq: 29 Jun 2020 10:55

Tgt Ion: 130 Resp: 161719

Ion Ratio Lower Upper

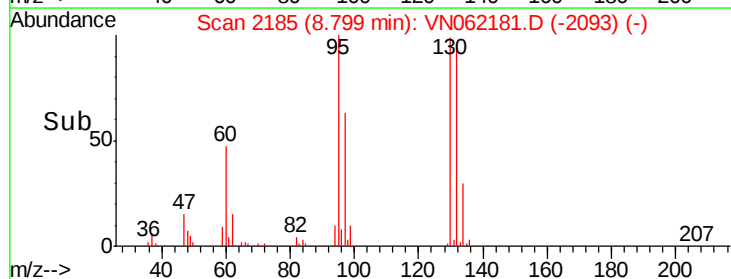
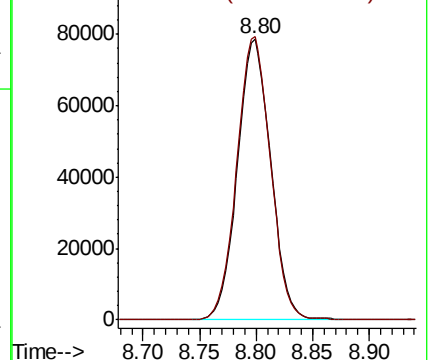
130 100

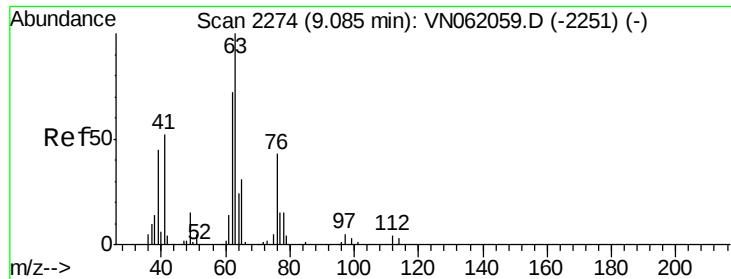
95 100.8 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): VN062059.D (-2169) (-)

Ion 94.90 (94.60 to 95.60): VN062059.D (-2169) (-)

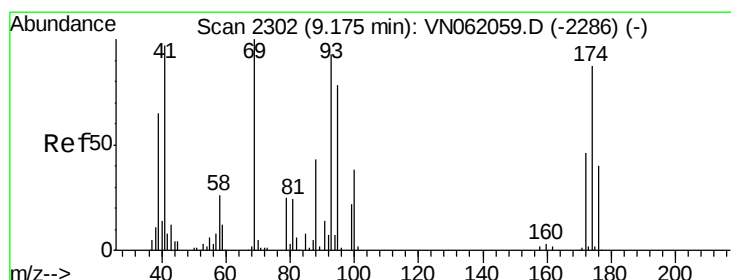
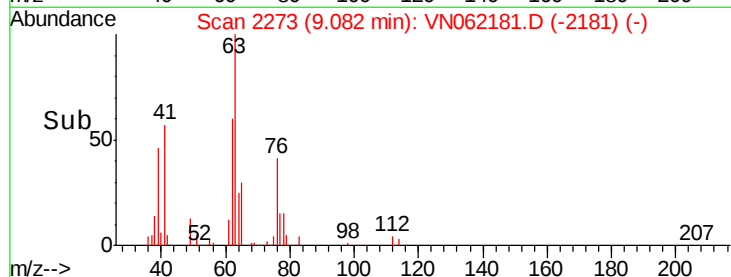
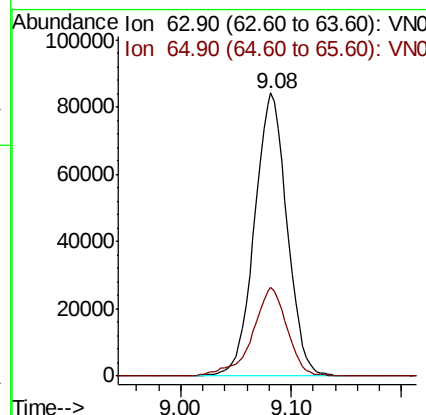
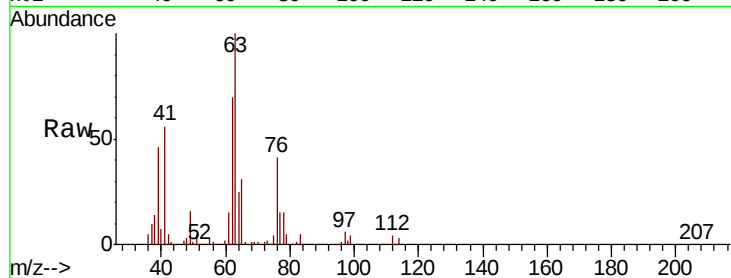




#45
 1,2-Dichloropropane
 Concen: 50.555 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN062181.D
 Acq: 29 Jun 2020 10:55

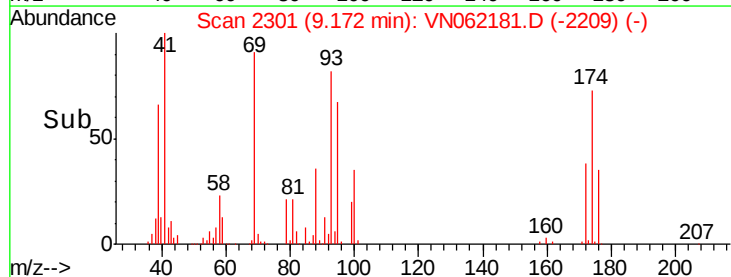
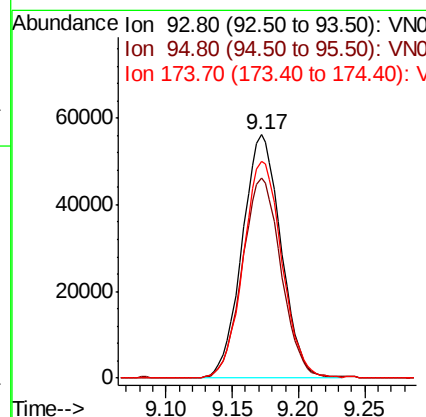
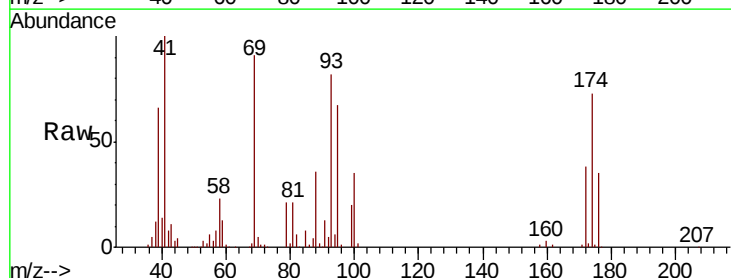
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

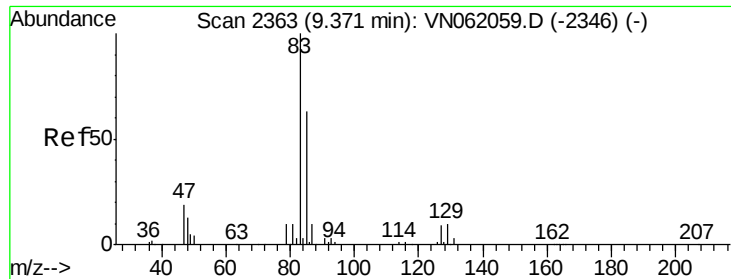
Tot Ion: 63 Resp: 172308
 Ion Ratio Lower Upper
 63 100
 65 31.2 25.0 37.4



#46
 Dibromomethane
 Concen: 49.460 ug/l
 RT: 9.17 min Scan# 2301
 Delta R.T. -0.00 min
 Lab File: VN062181.D
 Acq: 29 Jun 2020 10:55

Tgt Ion: 93 Resp: 114294
 Ion Ratio Lower Upper
 93 100
 95 82.3 67.0 100.6
 174 89.1 74.4 111.6





#47

Bromodichloromethane

Concen: 50.148 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN062181.D

Acq: 29 Jun 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

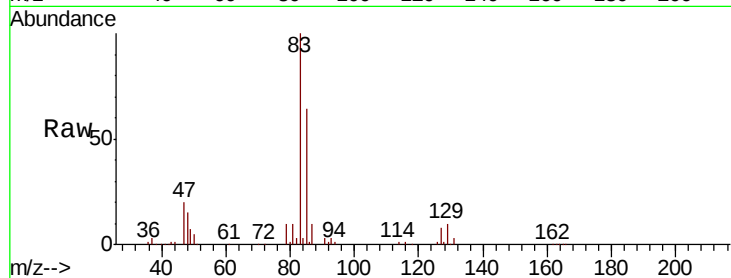
Tot Ion: 83 Resp: 233987

Ion Ratio Lower Upper

83 100

85 63.8 50.3 75.5

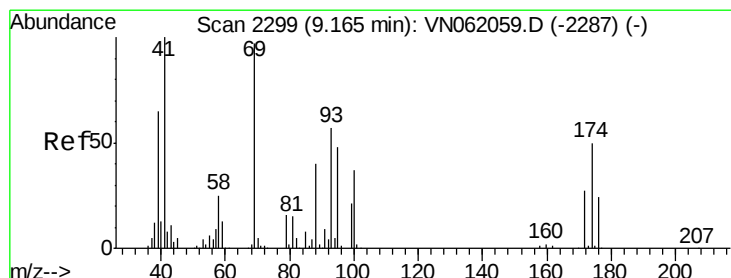
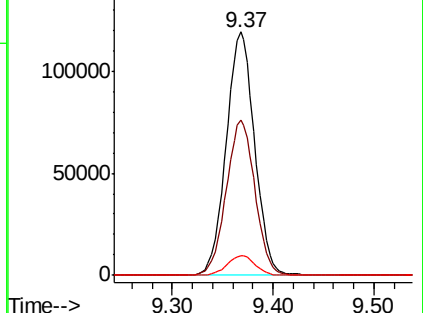
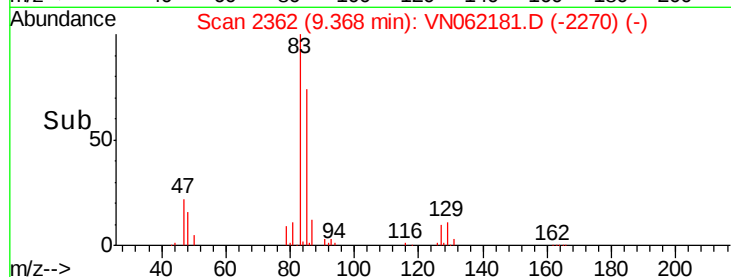
127 8.2 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN062181.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN062181.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN062181.D (-2270) (-)



#48

Methyl methacrylate

Concen: 55.722 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN062181.D

Acq: 29 Jun 2020 10:55

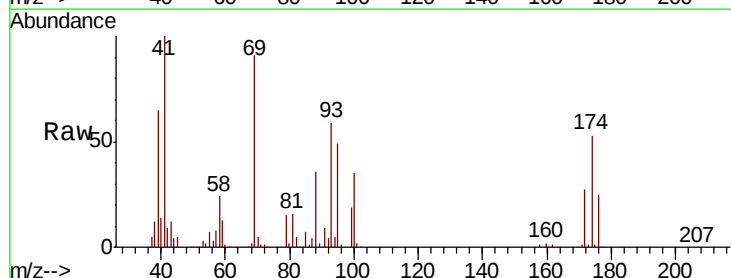
Tgt Ion: 41 Resp: 152863

Ion Ratio Lower Upper

41 100

69 94.9 80.7 121.1

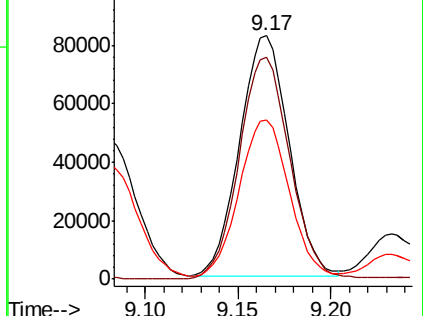
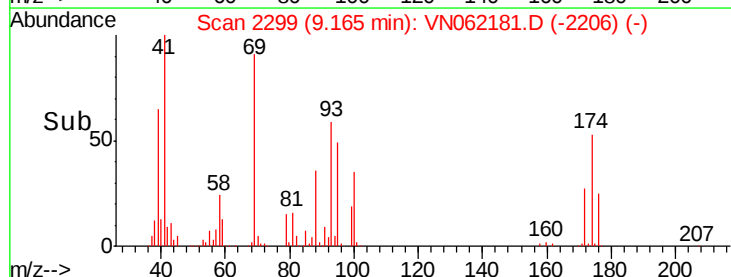
39 67.1 54.5 81.7

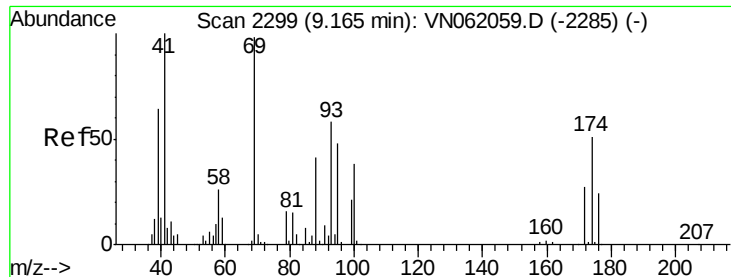


Abundance Ion 41.00 (40.70 to 41.70): VN062181.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN062181.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN062181.D (-2206) (-)

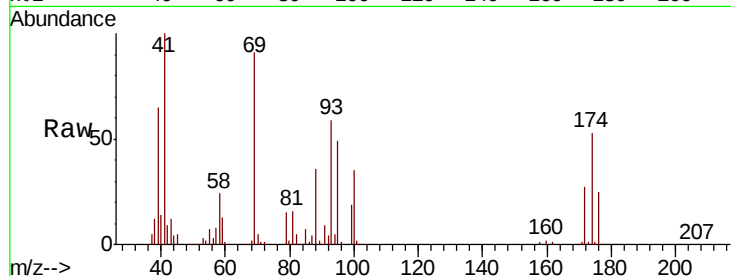




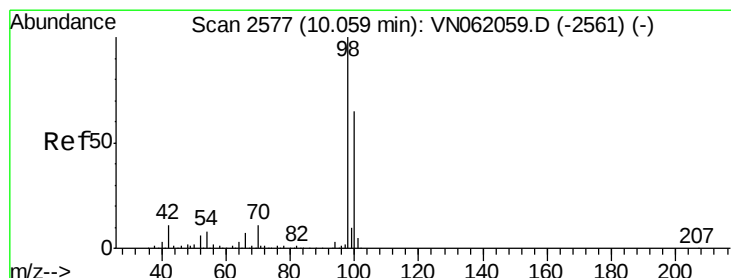
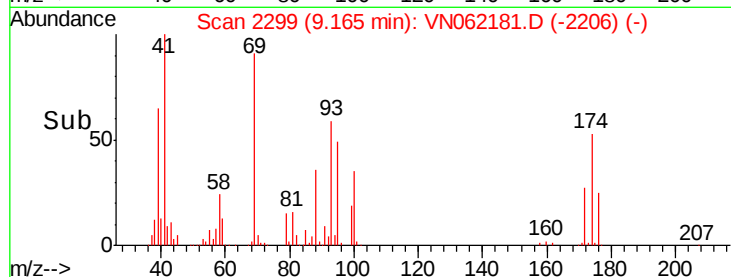
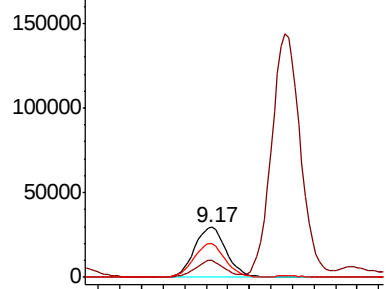
#49
1,4-Dioxane
Concen: 1011.016 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062181.D
Acq: 29 Jun 2020 10:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 88 Resp: 61507
Ion Ratio Lower Upper
88 100
43 29.7 22.0 33.0
58 66.4 49.2 73.8

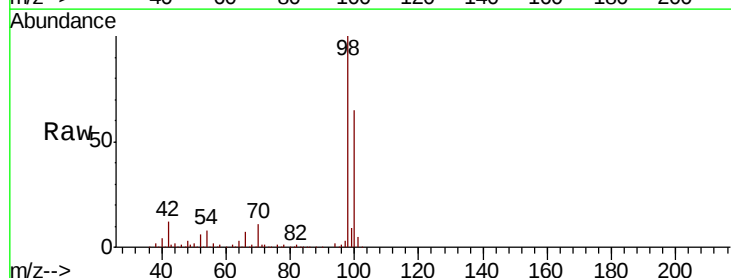


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

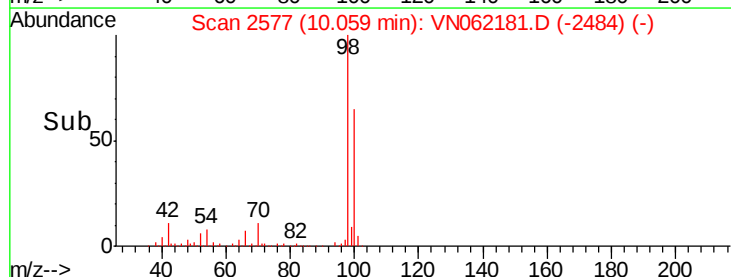
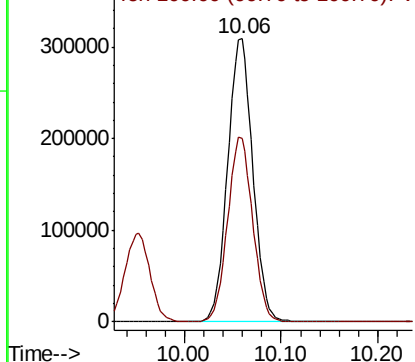


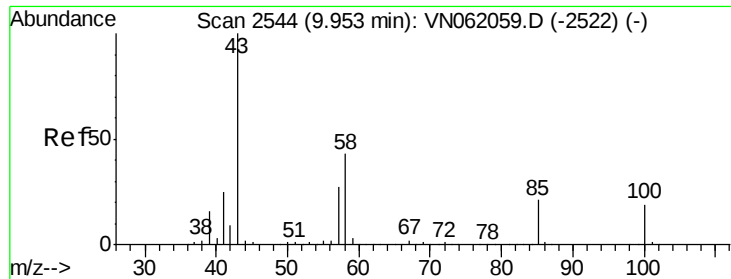
#50
Toluene-d8
Concen: 48.347 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062181.D
Acq: 29 Jun 2020 10:55

Tgt Ion: 98 Resp: 559100
Ion Ratio Lower Upper
98 100
100 64.8 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 274.611 ug/l

RT: 9.95 min Scan# 2543

Delta R.T. -0.00 min

Lab File: VN062181.D

Acq: 29 Jun 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

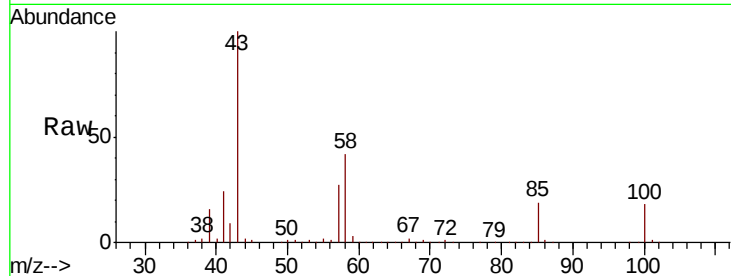
VSTDCCC050

Tot Ion: 43 Resp: 981663

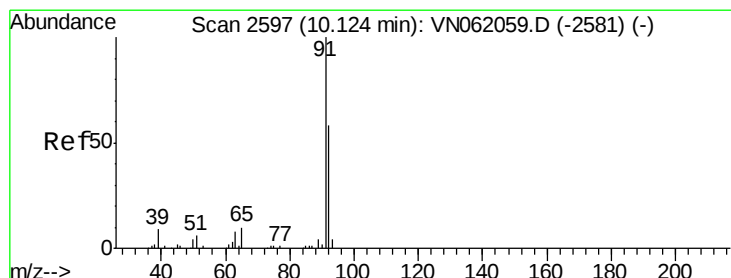
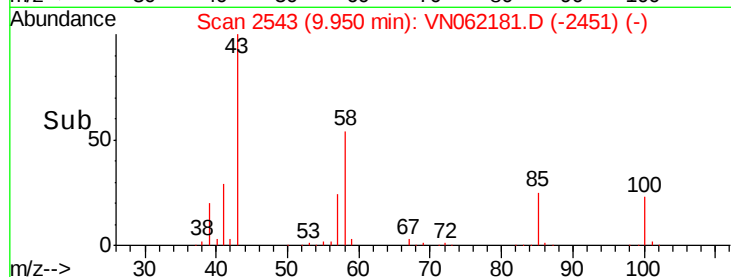
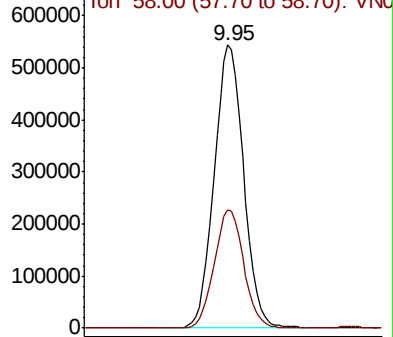
Ion Ratio Lower Upper

43 100

58 41.9 34.2 51.2



Abundance Ion 43.00 (42.70 to 43.70): VN062059.D (-2522) (-)



#52

Toluene

Concen: 49.537 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062181.D

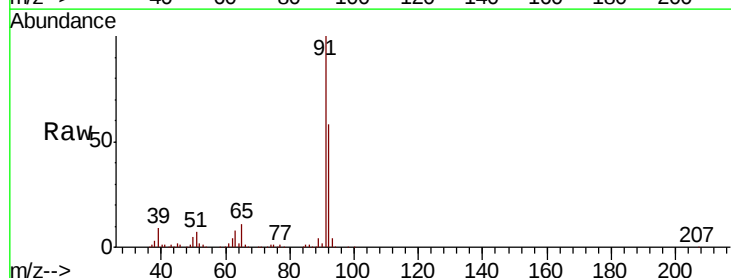
Acq: 29 Jun 2020 10:55

Tgt Ion: 92 Resp: 417569

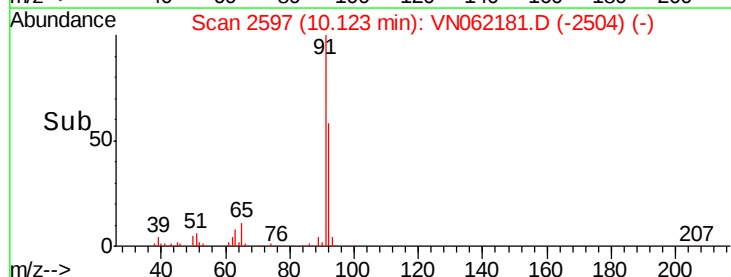
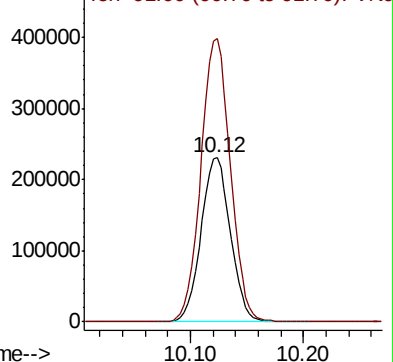
Ion Ratio Lower Upper

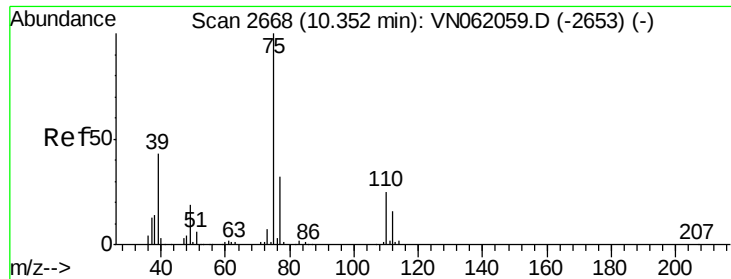
92 100

91 173.4 137.4 206.0



Abundance Ion 92.00 (91.70 to 92.70): VN062059.D (-2581) (-)





#53

t-1,3-Dichloropropene

Concen: 52.613 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062181.D

Acq: 29 Jun 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

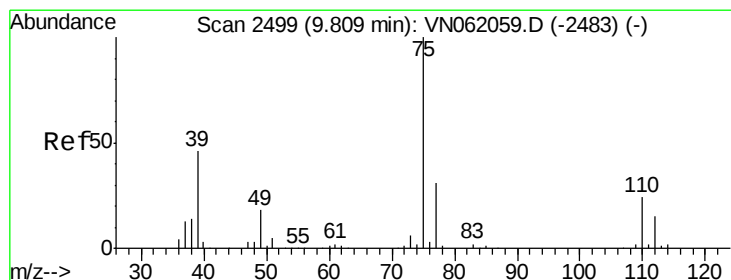
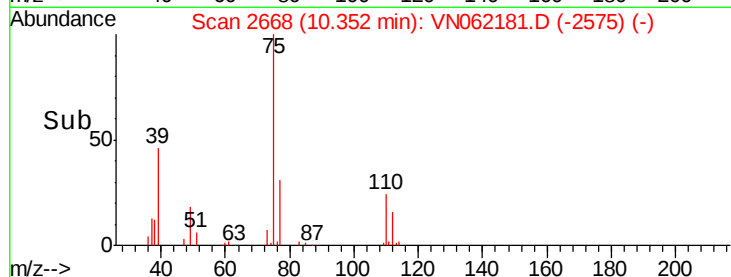
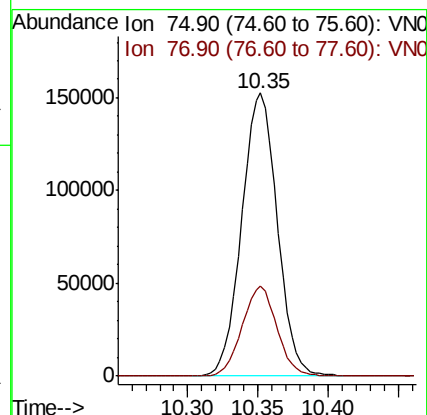
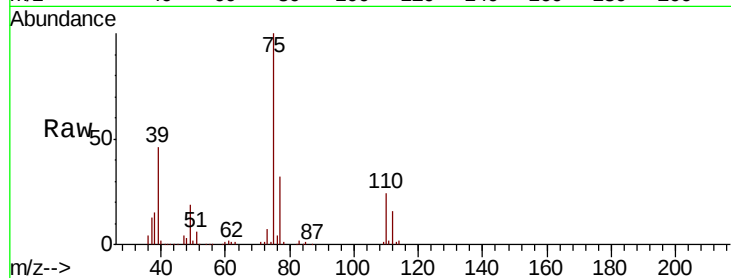
VSTDCCC050

Tot Ion: 75 Resp: 270080

Ion Ratio Lower Upper

75 100

77 31.7 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 52.866 ug/l

RT: 9.81 min Scan# 2498

Delta R.T. -0.00 min

Lab File: VN062181.D

Acq: 29 Jun 2020 10:55

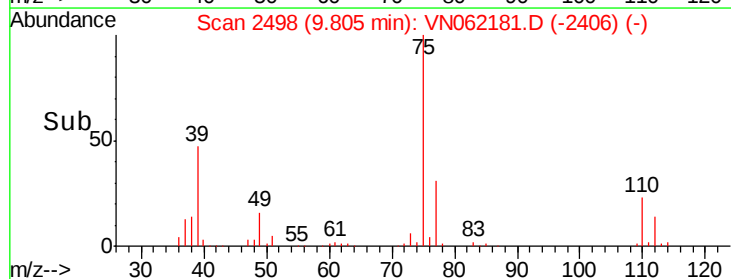
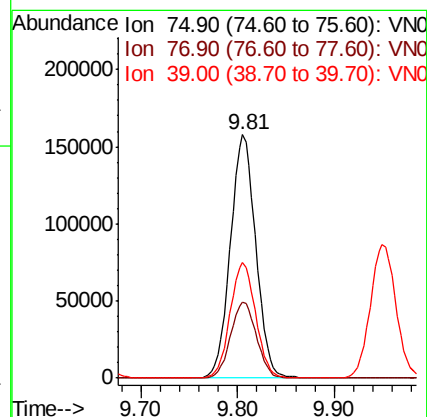
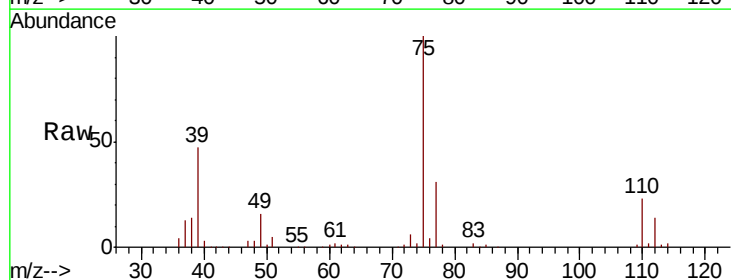
Tgt Ion: 75 Resp: 288925

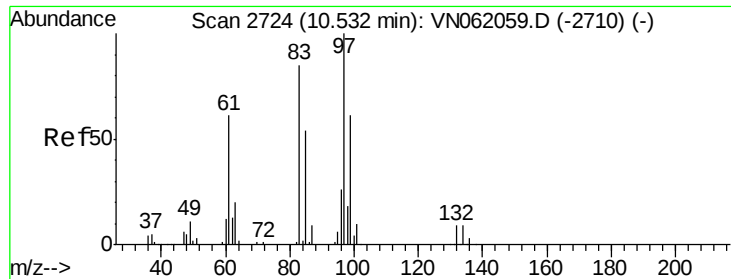
Ion Ratio Lower Upper

75 100

77 31.1 25.0 37.6

39 47.3 36.9 55.3

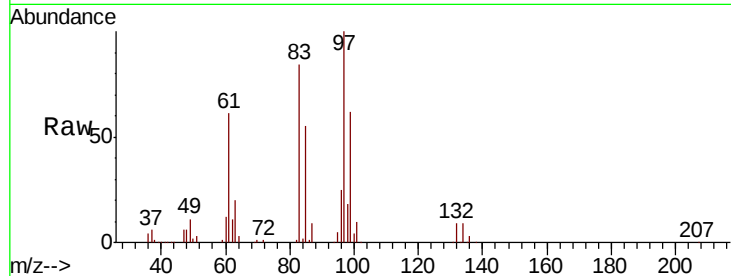




#55
 1,1,2-Trichloroethane
 Concen: 50.634 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062181.D
 Acq: 29 Jun 2020 10:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	167778
Ion	Ratio	Lower	Upper
97	100		
83	84.0	68.2	102.2
85	54.8	43.2	64.8
99	62.4	48.5	72.7



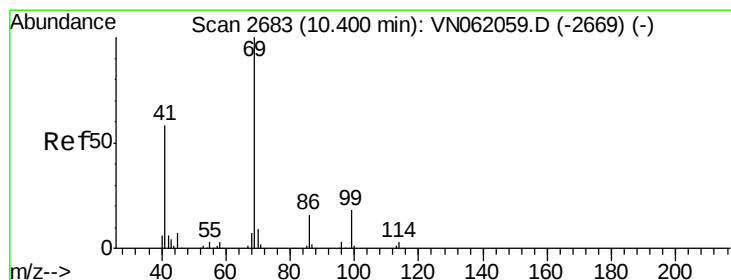
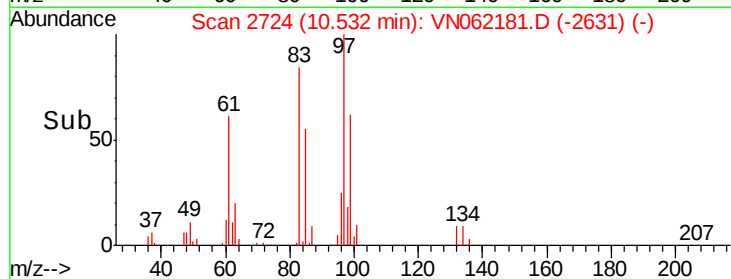
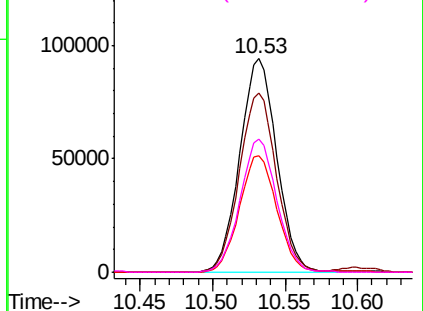
Abundance

Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

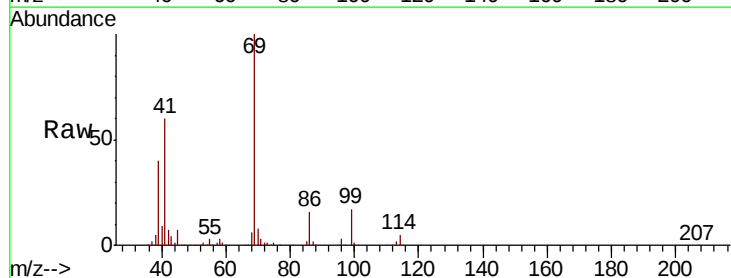
Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56
 Ethyl methacrylate
 Concen: 55.685 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN062181.D
 Acq: 29 Jun 2020 10:55

Tgt Ion:	69	Resp:	246243
Ion	Ratio	Lower	Upper
69	100		
41	60.0	46.6	70.0
39	39.9	31.0	46.4

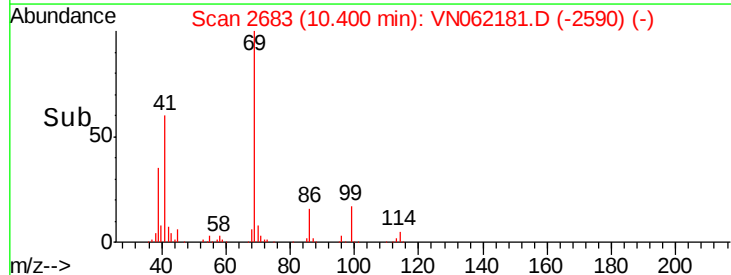
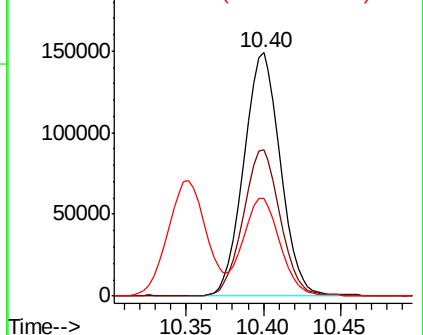


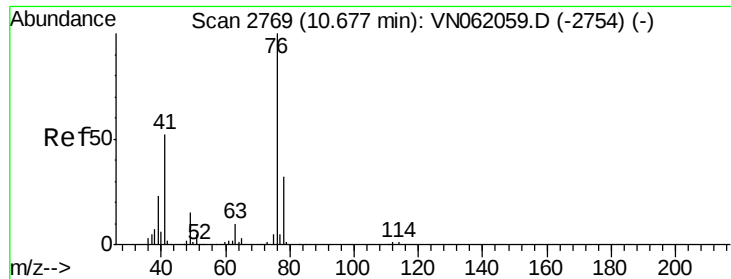
Abundance

Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

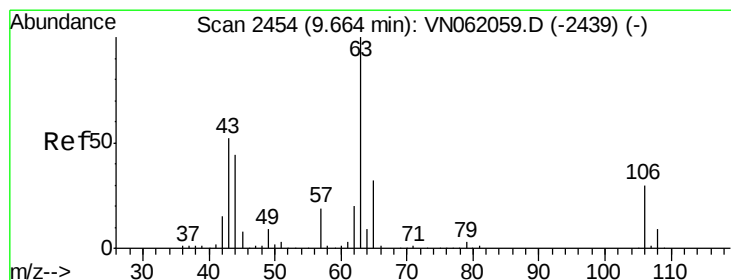
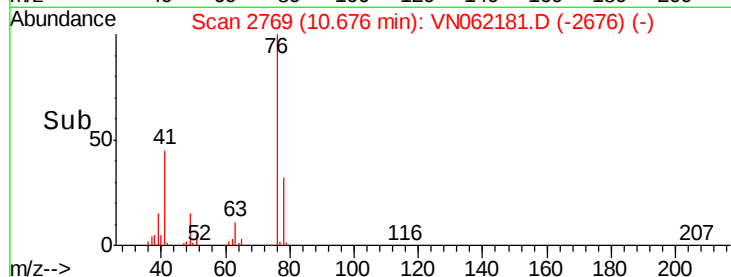
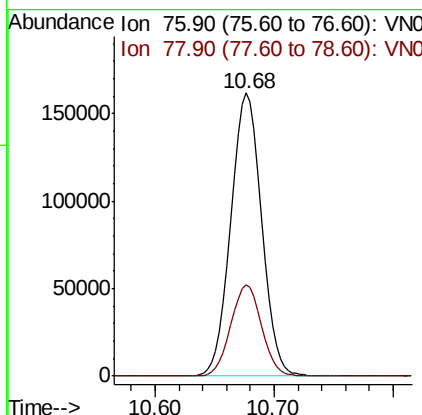
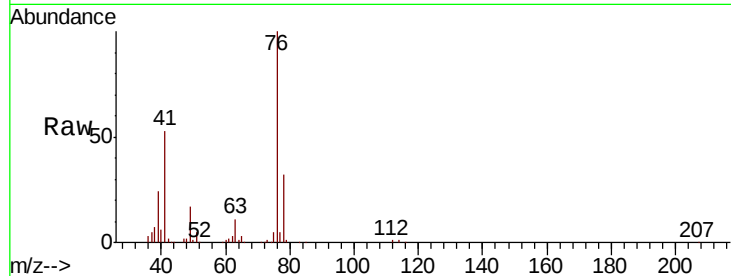




#57
 1,3-Dichloropropane
 Concen: 51.016 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN062181.D
 Acq: 29 Jun 2020 10:55

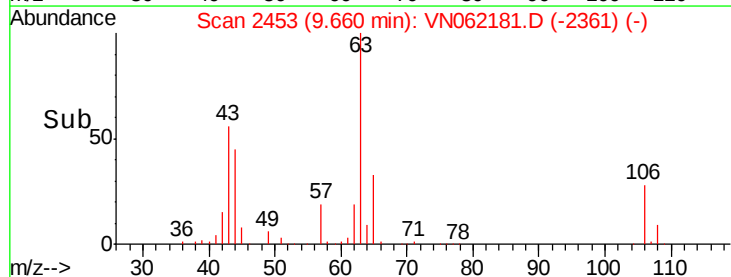
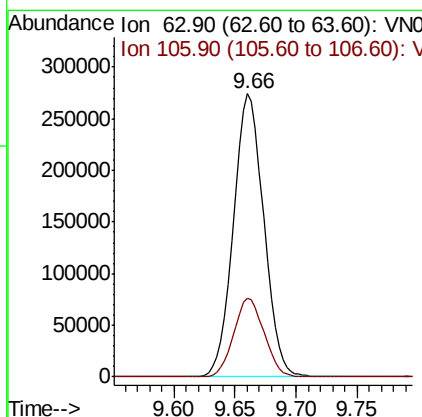
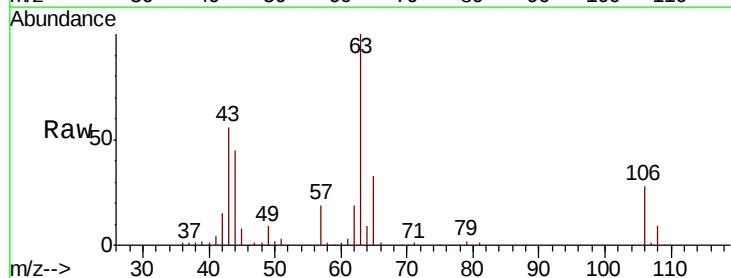
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

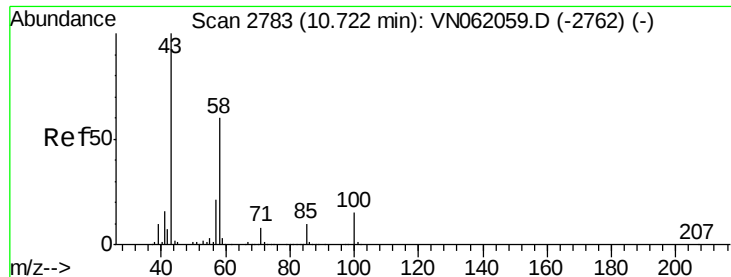
Tot Ion: 76 Resp: 290963
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 252.052 ug/l
 RT: 9.66 min Scan# 2453
 Delta R.T. -0.00 min
 Lab File: VN062181.D
 Acq: 29 Jun 2020 10:55

Tgt Ion: 63 Resp: 474805
 Ion Ratio Lower Upper
 63 100
 106 27.9 23.2 34.8

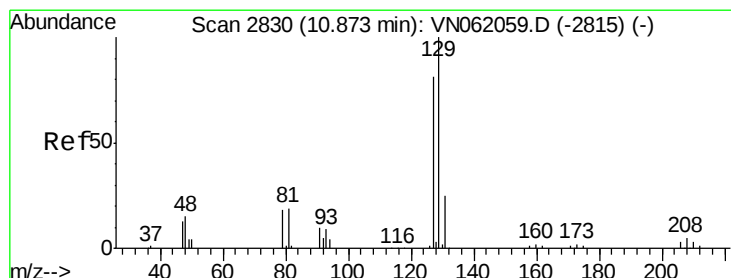
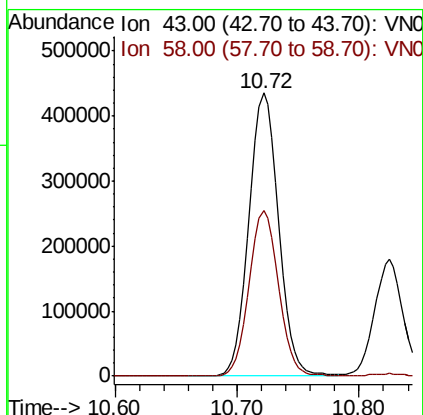
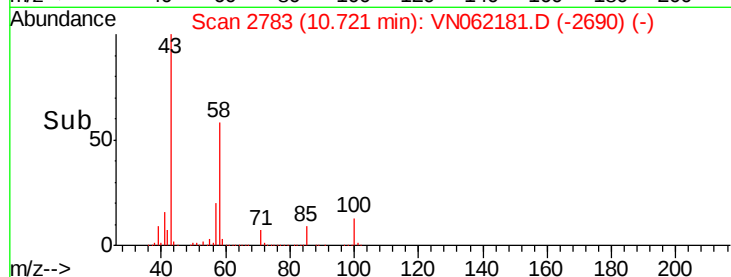
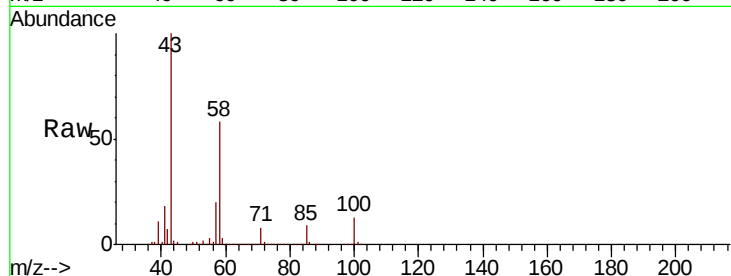




#59
2-Hexanone
Concen: 281.709 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN062181.D
Acq: 29 Jun 2020 10:55

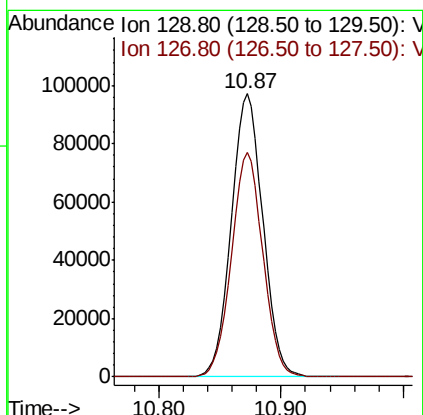
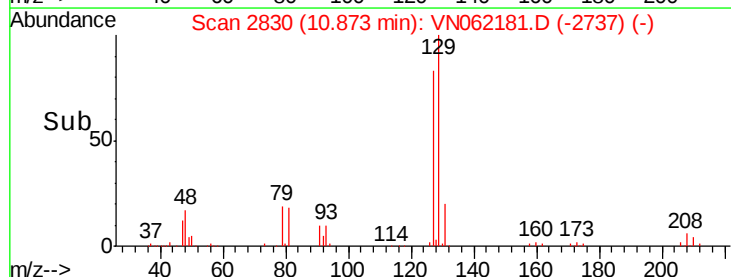
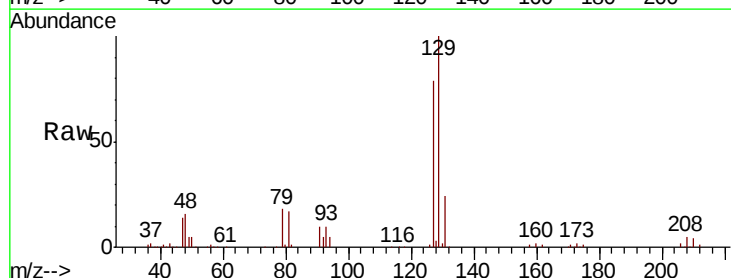
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

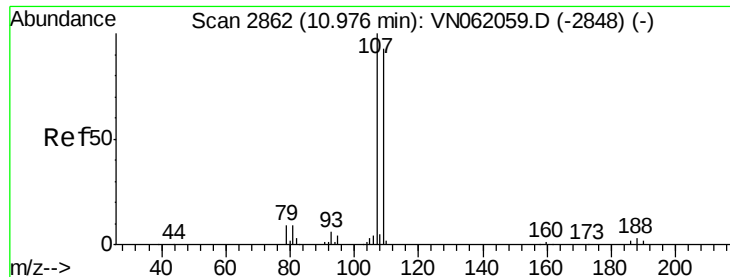
Tot Ion: 43 Resp: 727178
Ion Ratio Lower Upper
43 100
58 58.3 29.5 88.5



#60
Dibromochloromethane
Concen: 49.843 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062181.D
Acq: 29 Jun 2020 10:55

Tgt Ion: 129 Resp: 174854
Ion Ratio Lower Upper
129 100
127 78.6 39.5 118.5

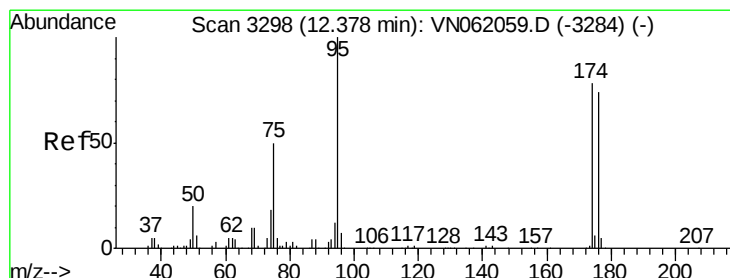
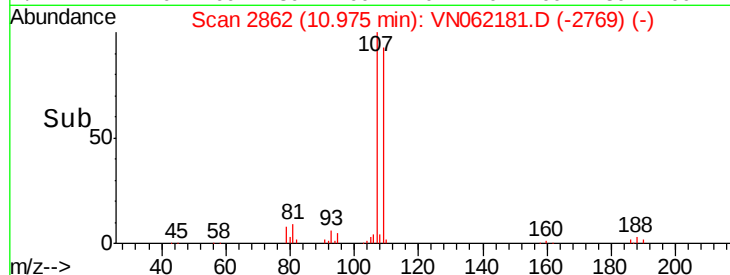
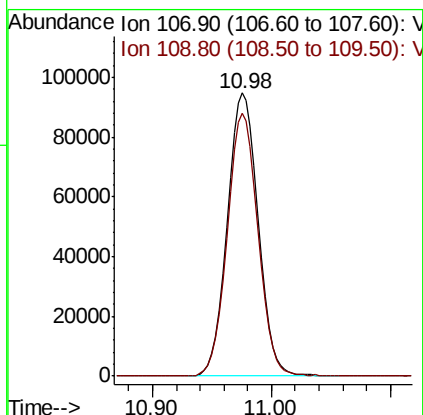
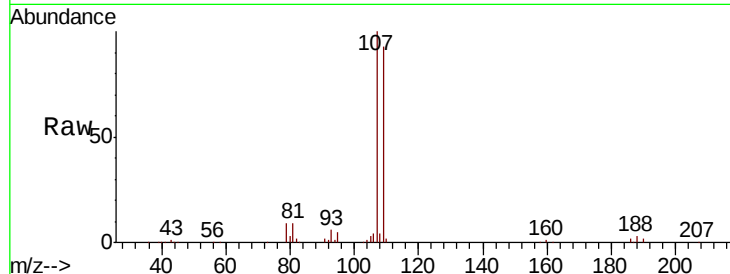




#61
 1,2-Dibromoethane
 Concen: 49.786 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN062181.D
 Acq: 29 Jun 2020 10:55

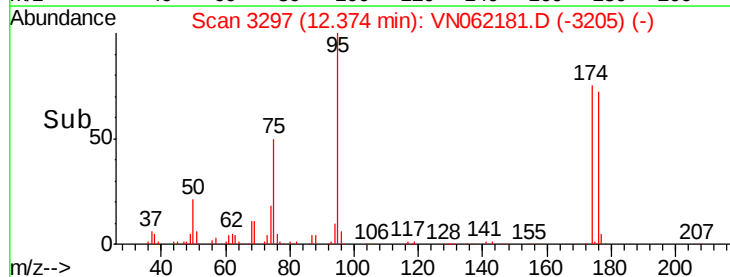
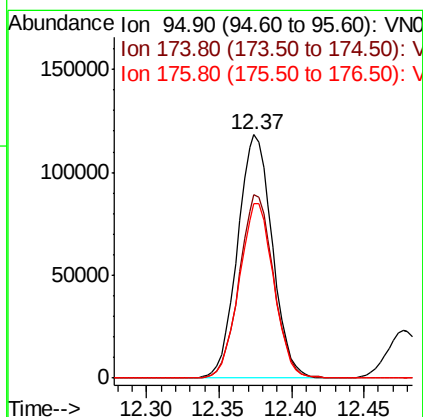
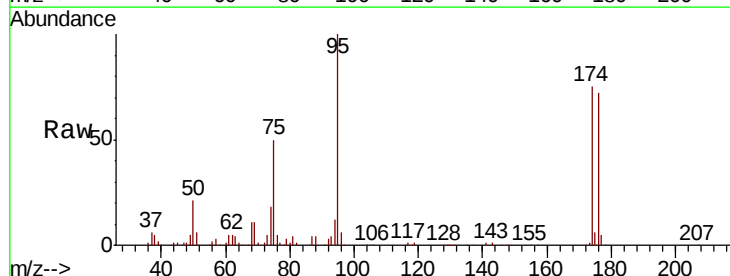
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

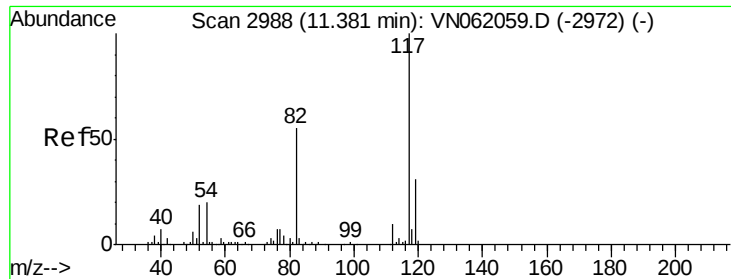
Tot Ion:107 Resp: 169507
 Ion Ratio Lower Upper
 107 100
 109 92.8 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 50.289 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN062181.D
 Acq: 29 Jun 2020 10:55

Tgt Ion: 95 Resp: 196485
 Ion Ratio Lower Upper
 95 100
 174 74.6 0.0 154.8
 176 71.6 0.0 147.4

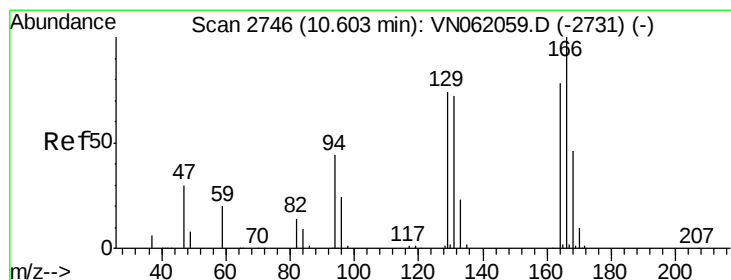
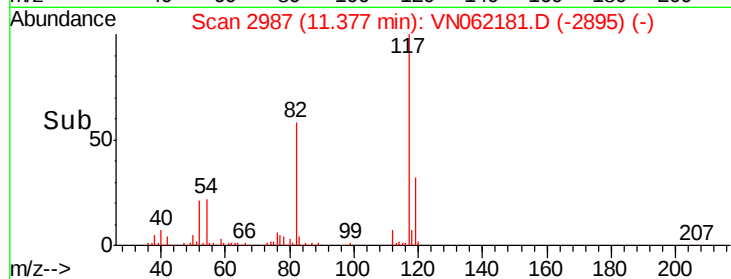
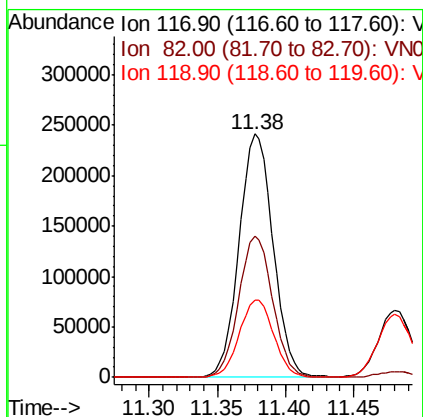
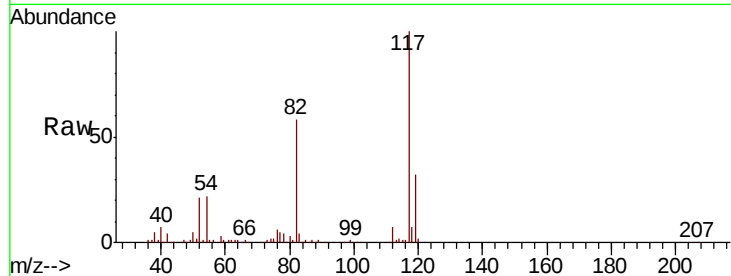




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2987
Delta R.T. -0.00 min
Lab File: VN062181.D
Acq: 29 Jun 2020 10:55

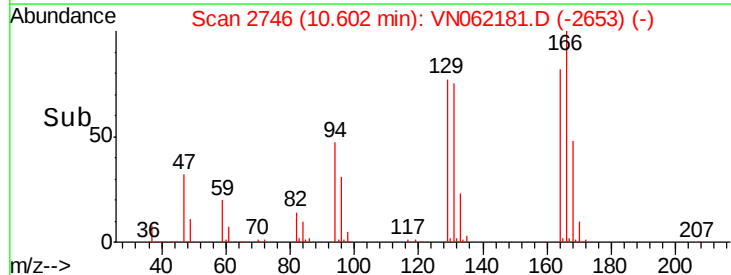
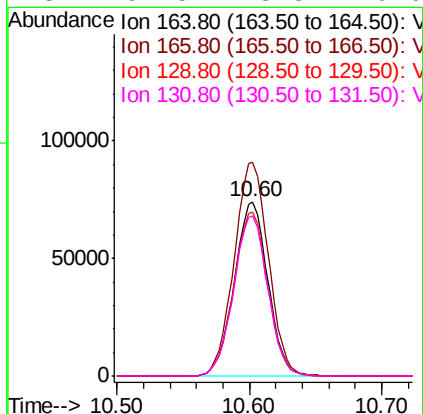
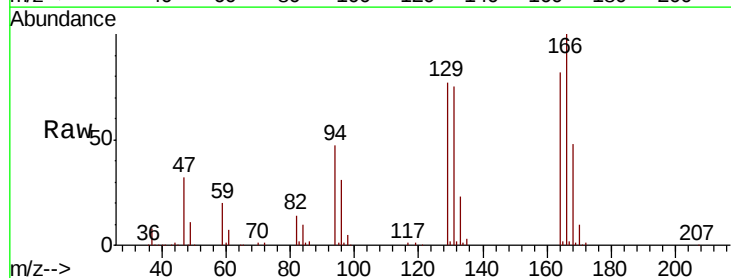
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

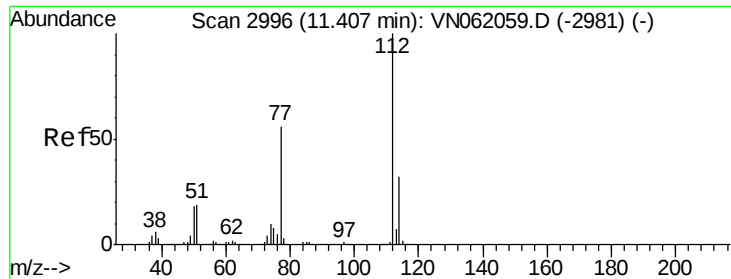
Tot Ion:117 Resp: 418144
Ion Ratio Lower Upper
117 100
82 58.1 43.8 65.8
119 31.8 25.2 37.8



#64
Tetrachloroethene
Concen: 45.652 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062181.D
Acq: 29 Jun 2020 10:55

Tgt Ion:164 Resp: 130395
Ion Ratio Lower Upper
164 100
166 122.5 102.9 154.3
129 94.1 75.8 113.8
131 91.5 73.8 110.6





#65

Chlorobenzene

Concen: 48.265 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN062181.D

Acq: 29 Jun 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

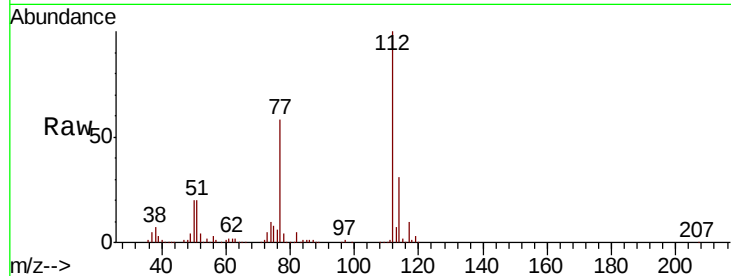
VSTDCCC050

Tot Ion:112 Resp: 443194

Ion Ratio Lower Upper

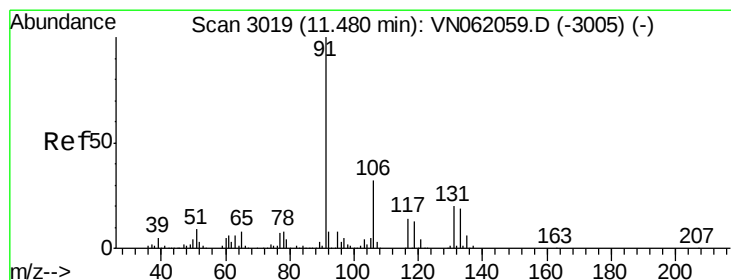
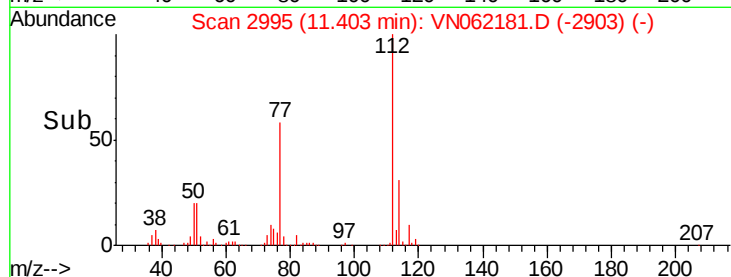
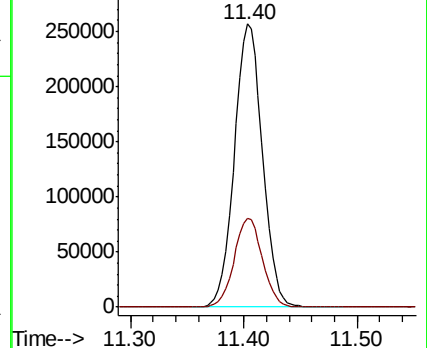
112 100

114 31.3 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 49.746 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. -0.00 min

Lab File: VN062181.D

Acq: 29 Jun 2020 10:55

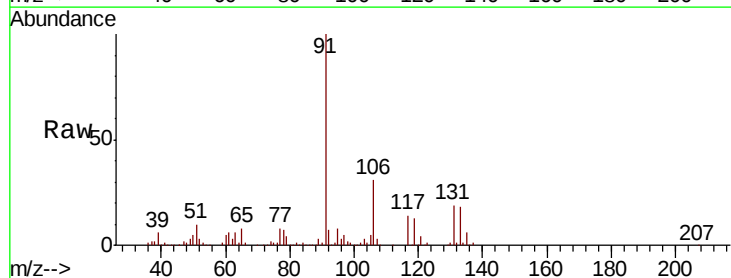
Tgt Ion:131 Resp: 157954

Ion Ratio Lower Upper

131 100

133 94.8 47.6 142.9

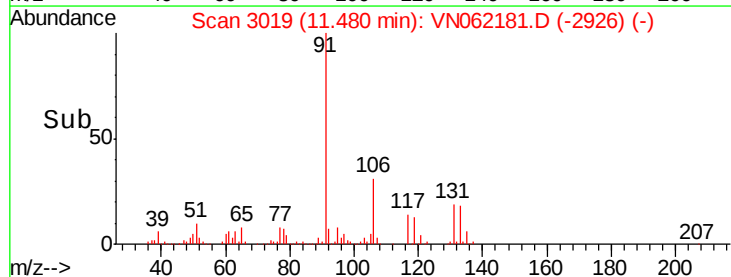
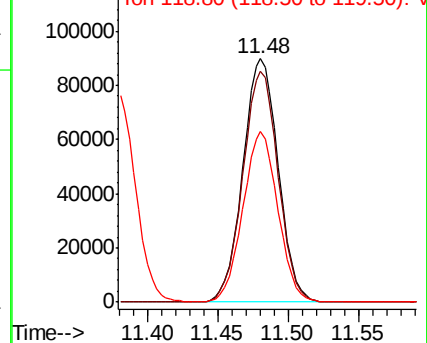
119 69.3 34.4 103.3

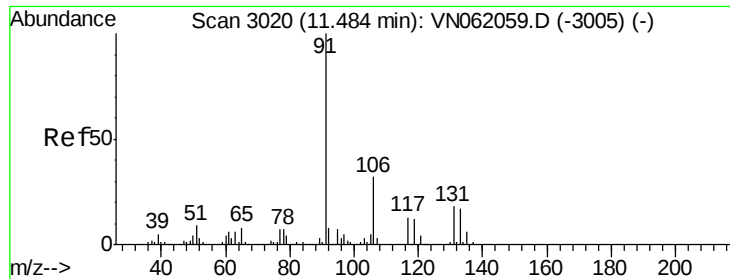


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

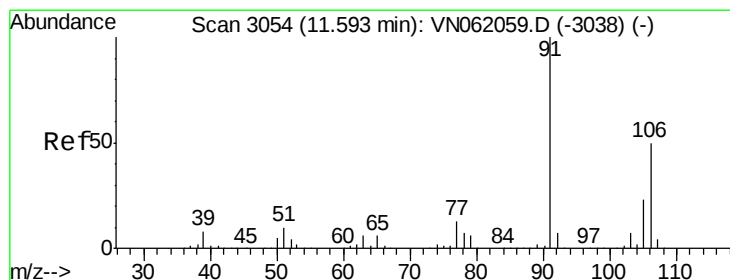
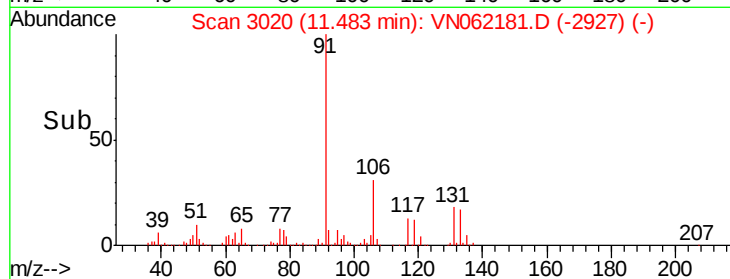
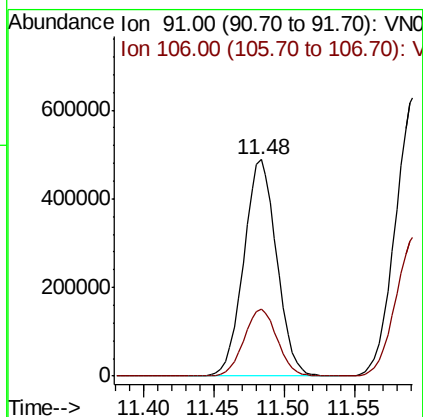
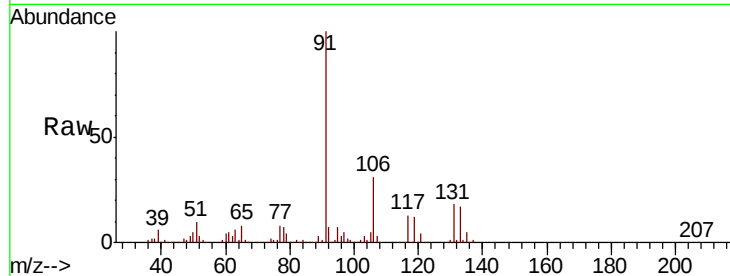




#67
Ethyl Benzene
Concen: 51.628 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062181.D
Acq: 29 Jun 2020 10:55

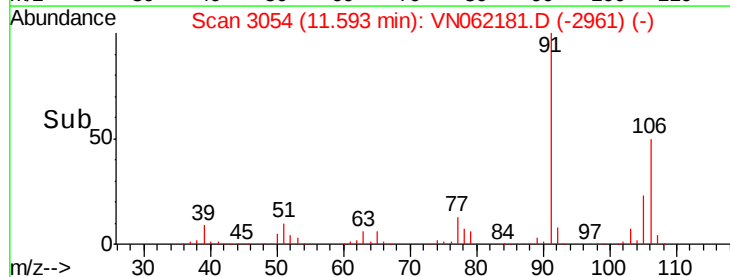
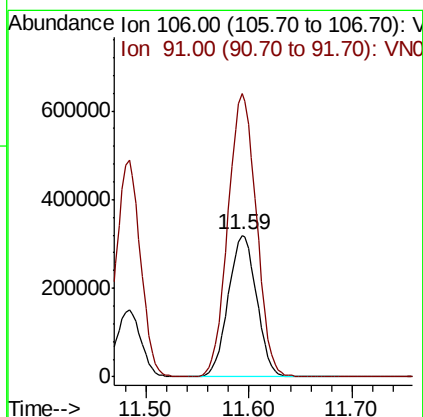
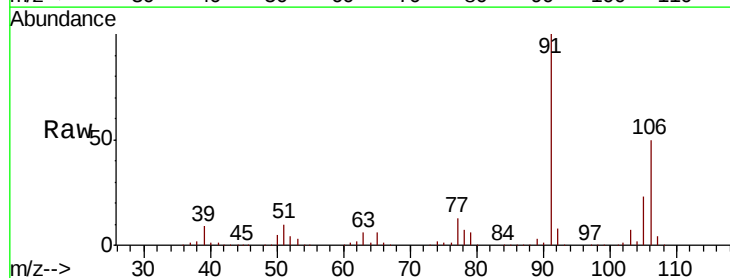
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

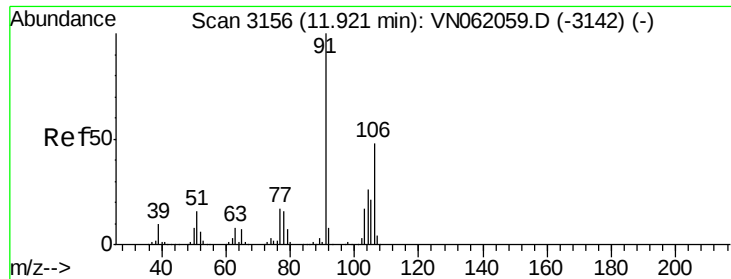
Tot Ion: 91 Resp: 800652
Ion Ratio Lower Upper
91 100
106 31.1 25.3 37.9



#68
m/p-Xylenes
Concen: 101.959 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN062181.D
Acq: 29 Jun 2020 10:55

Tgt Ion: 106 Resp: 611579
Ion Ratio Lower Upper
106 100
91 200.4 157.8 236.8

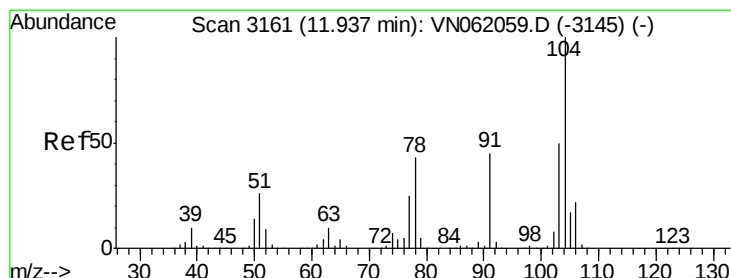
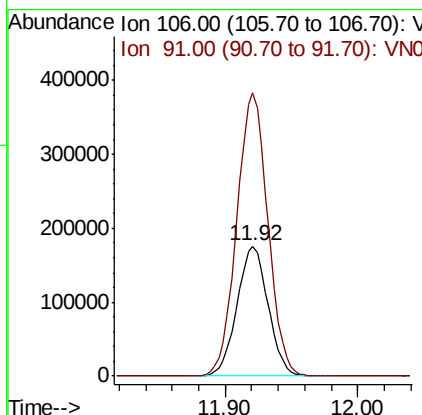
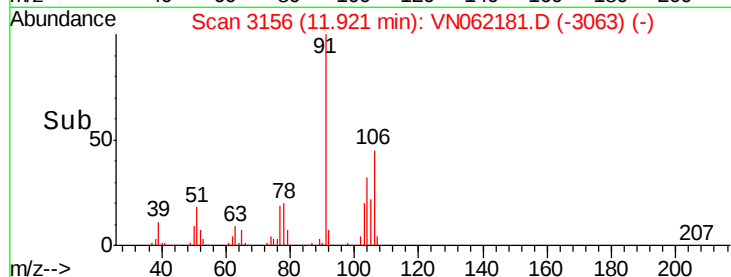
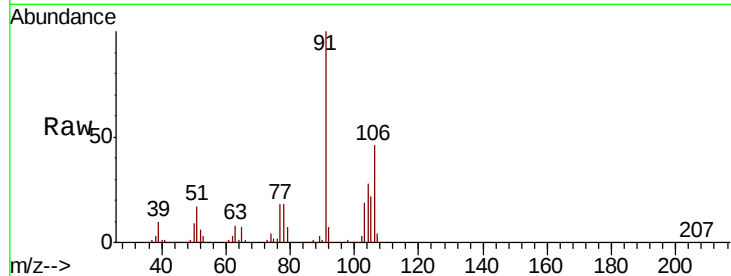




#69
o-Xylene
Concen: 50.536 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062181.D
Acq: 29 Jun 2020 10:55

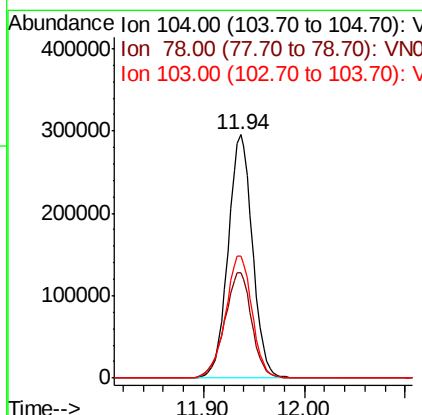
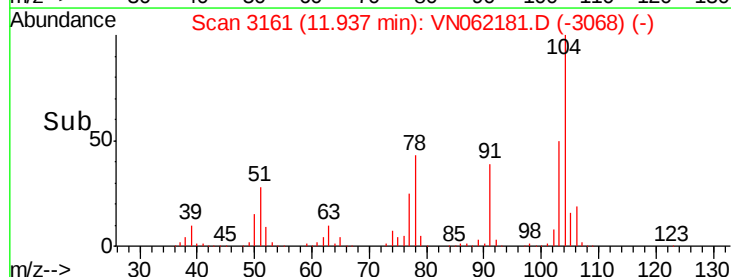
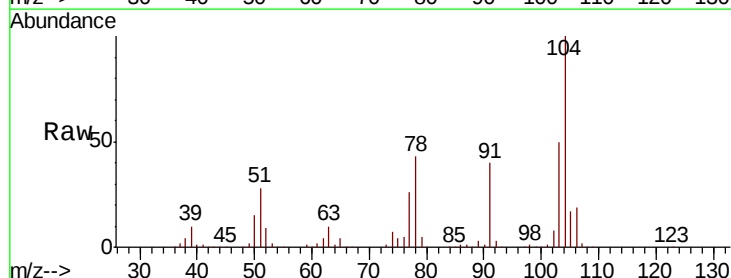
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

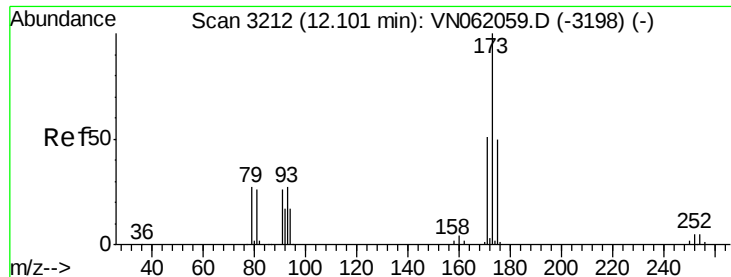
Tot Ion:106 Resp: 286008
Ion Ratio Lower Upper
106 100
91 217.9 104.0 311.9



#70
Styrene
Concen: 52.820 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062181.D
Acq: 29 Jun 2020 10:55

Tgt Ion:104 Resp: 498542
Ion Ratio Lower Upper
104 100
78 48.2 37.7 56.5
103 54.8 43.0 64.6

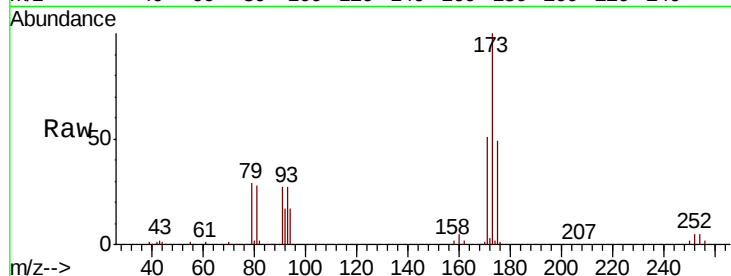




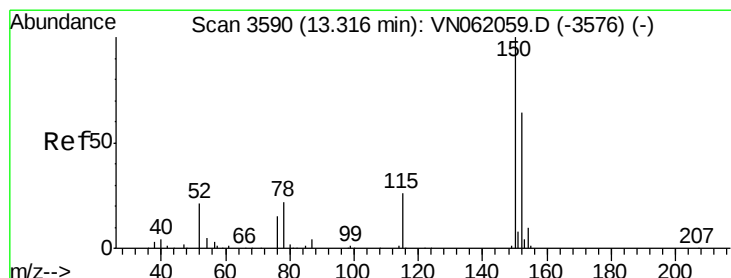
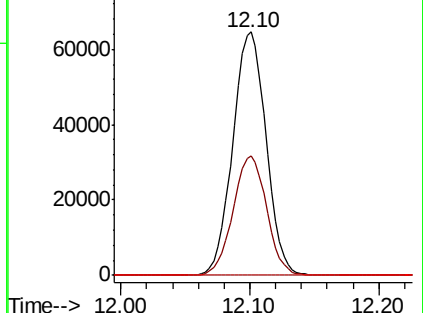
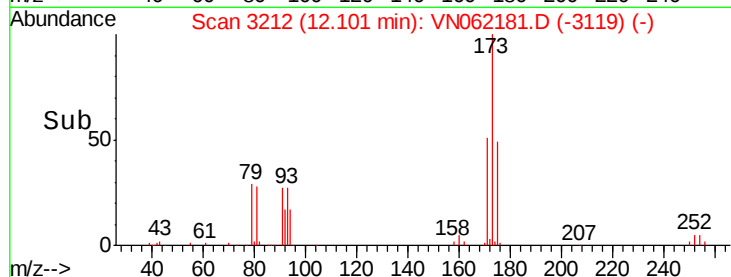
#71
Bromoform
Concen: 51.385 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. -0.00 min
Lab File: VN062181.D
Acq: 29 Jun 2020 10:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:173 Resp: 116006
Ion Ratio Lower Upper
173 100
175 49.2 24.7 74.1
254 0.0 0.0 0.0

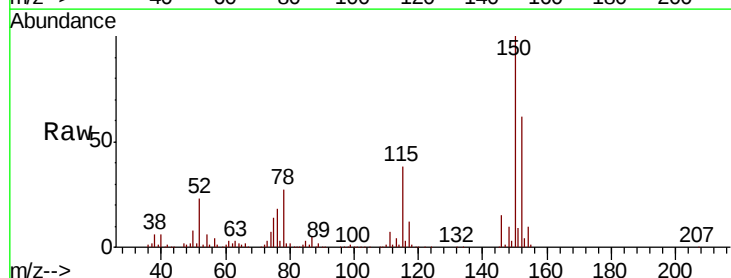


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

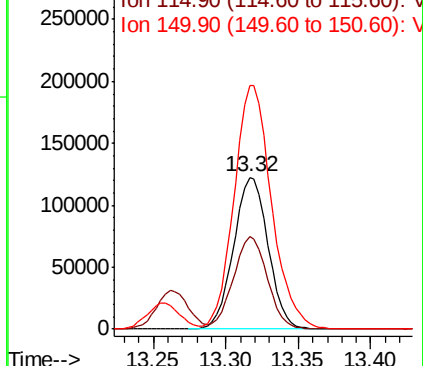
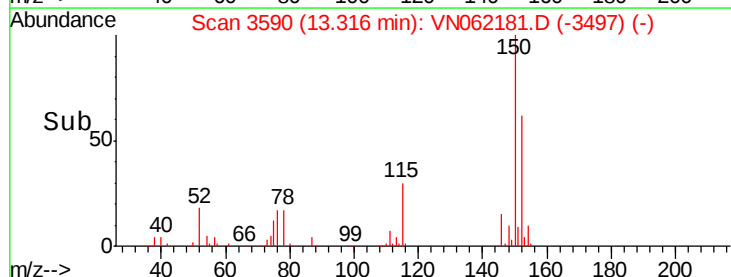


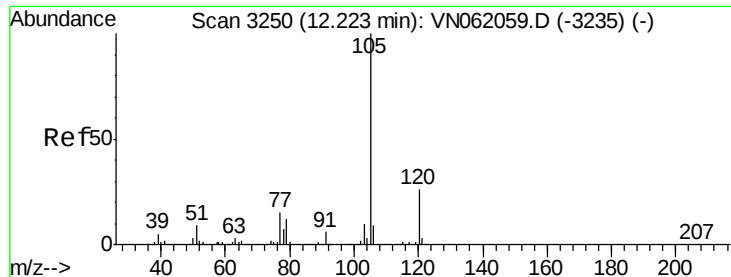
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3590
Delta R.T. -0.00 min
Lab File: VN062181.D
Acq: 29 Jun 2020 10:55

Tgt Ion:152 Resp: 201660
Ion Ratio Lower Upper
152 100
115 59.9 29.5 88.5
150 174.8 0.0 351.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.933 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062181.D

Acq: 29 Jun 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

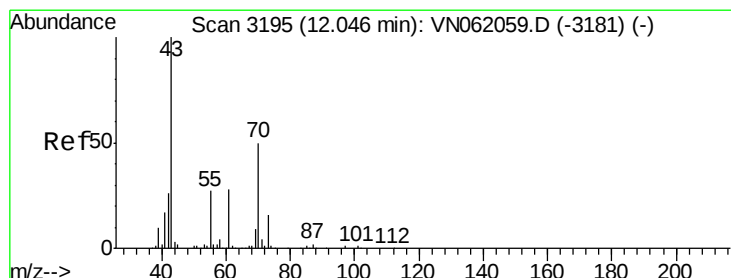
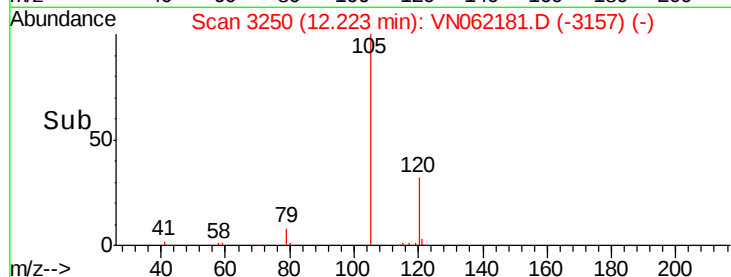
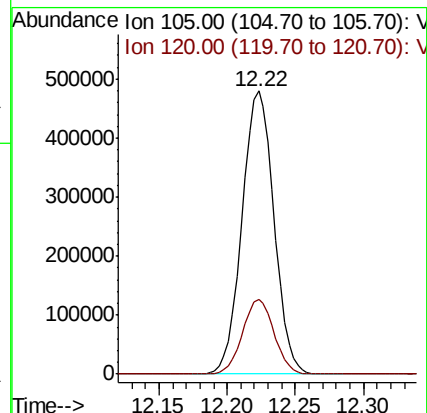
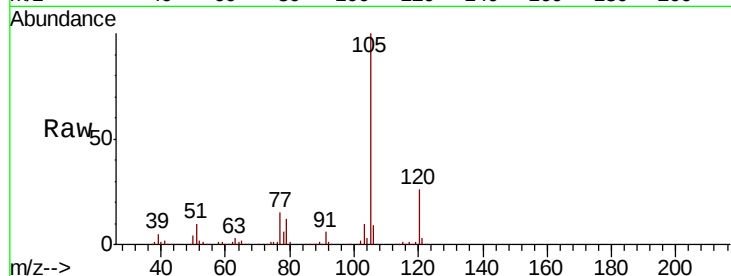
VSTDCCC050

Tot Ion:105 Resp: 779456

Ion Ratio Lower Upper

105 100

120 26.1 13.2 39.6



#74

N-ethyl acetate

Concen: 52.035 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN062181.D

Acq: 29 Jun 2020 10:55

Tgt Ion: 43 Resp: 299850

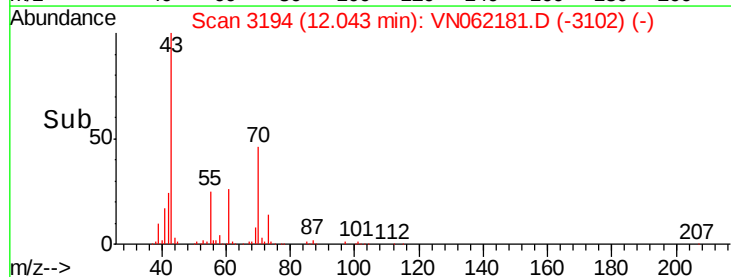
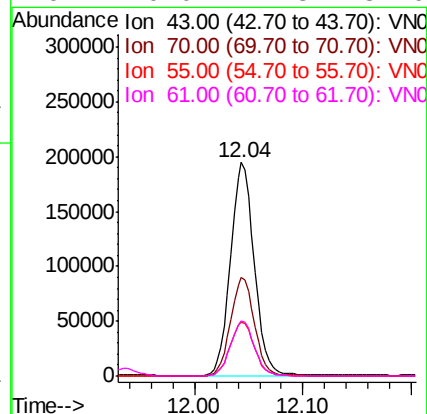
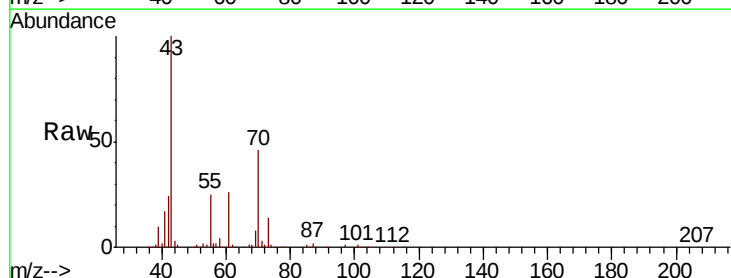
Ion Ratio Lower Upper

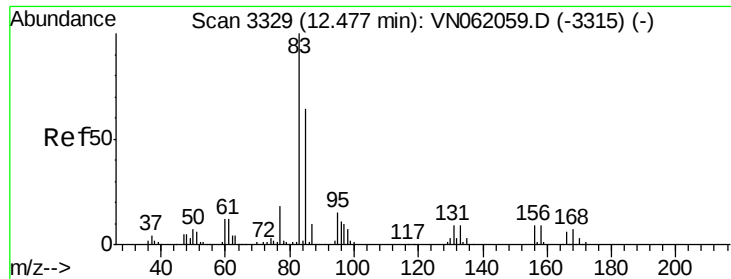
43 100

70 46.5 39.4 59.2

55 25.9 21.7 32.5

61 26.0 21.3 31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 48.540 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062181.D

Acq: 29 Jun 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

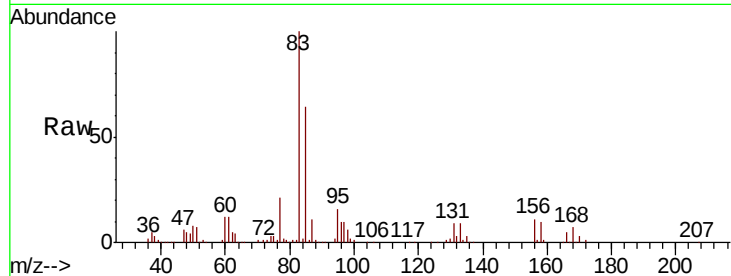
Tot Ion: 83 Resp: 252150

Ion Ratio Lower Upper

83 100

131 9.4 4.8 14.4

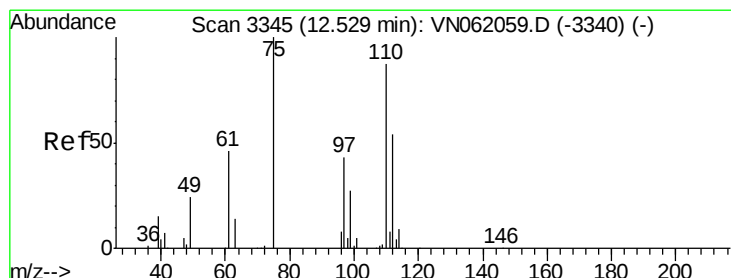
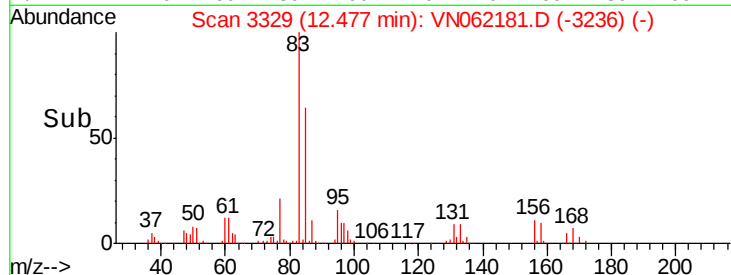
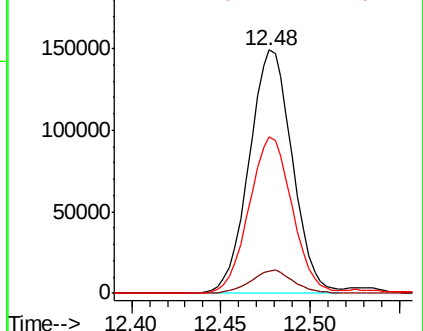
85 64.1 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN062181.D (-3236) (-)

Ion 130.80 (130.50 to 131.50): VN062181.D (-3236) (-)

Ion 84.90 (84.60 to 85.60): VN062181.D (-3236) (-)



#76

1,2,3-Trichloropropane

Concen: 67.094 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062181.D

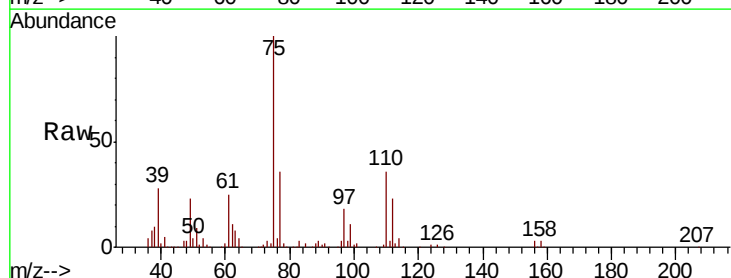
Acq: 29 Jun 2020 10:55

Tgt Ion: 75 Resp: 318510

Ion Ratio Lower Upper

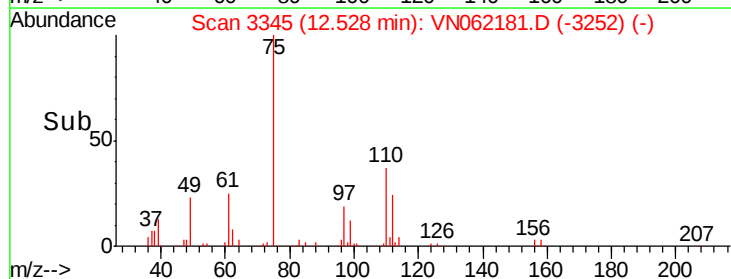
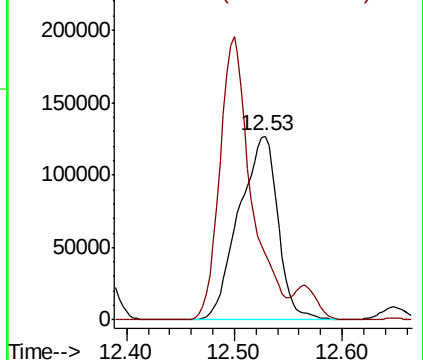
75 100

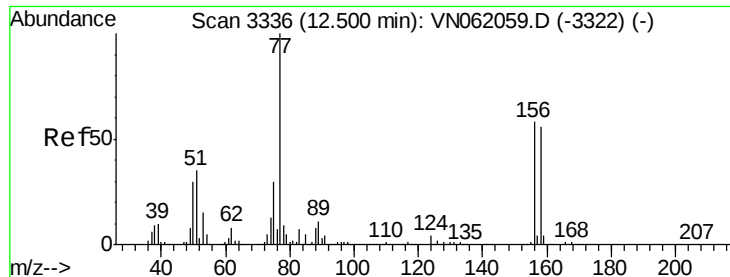
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN062181.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN062181.D (-3252) (-)

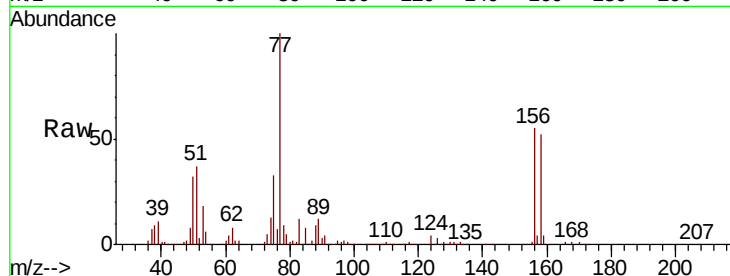




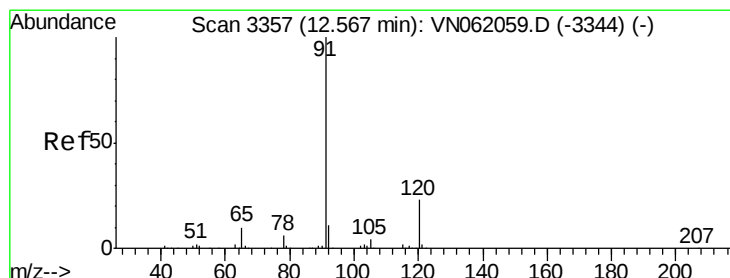
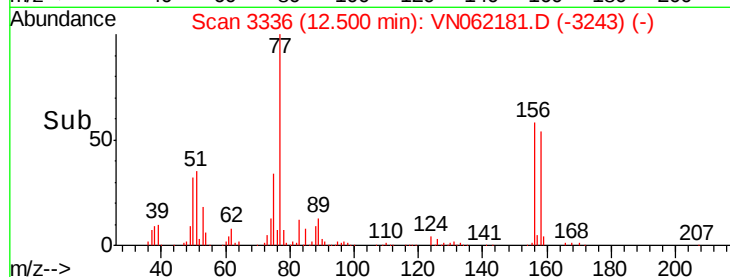
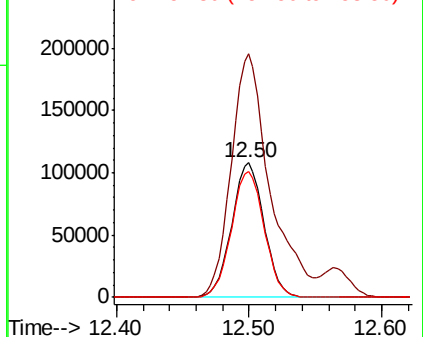
#77
Bromobenzene
Concen: 47.018 ug/l
RT: 12.50 min Scan# 3336
Delta R.T. -0.00 min
Lab File: VN062181.D
Acq: 29 Jun 2020 10:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:156 Resp: 182217
Ion Ratio Lower Upper
156 100
77 219.0 104.6 313.8
158 94.9 48.0 144.0

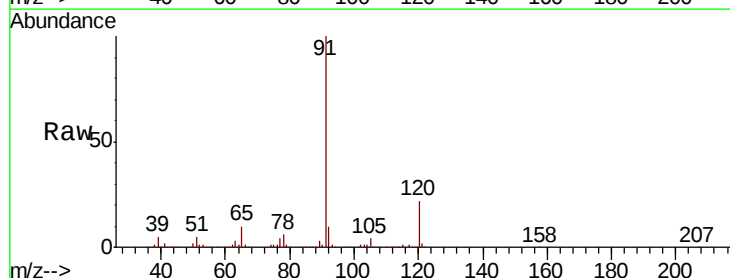


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VN
Ion 157.80 (157.50 to 158.50): V

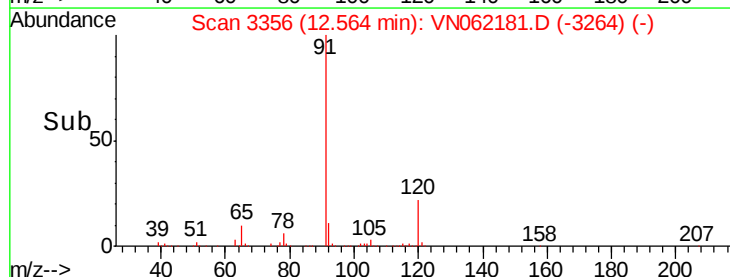
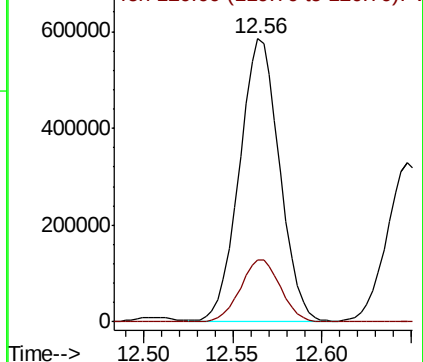


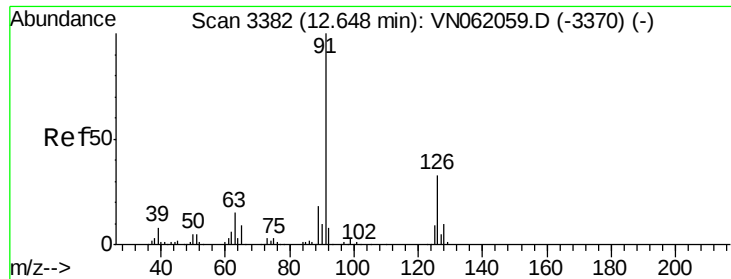
#78
n-propylbenzene
Concen: 51.085 ug/l
RT: 12.56 min Scan# 3356
Delta R.T. -0.00 min
Lab File: VN062181.D
Acq: 29 Jun 2020 10:55

Tgt Ion: 91 Resp: 912153
Ion Ratio Lower Upper
91 100
120 22.2 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VN
Ion 120.00 (119.70 to 120.70): V

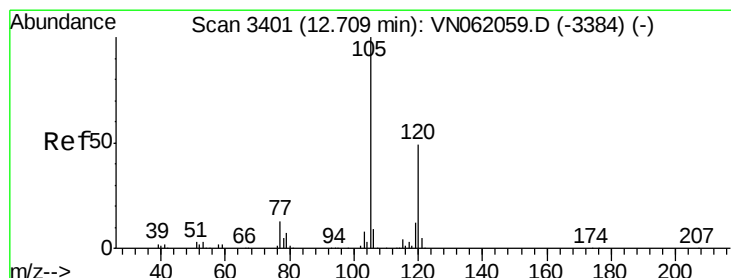
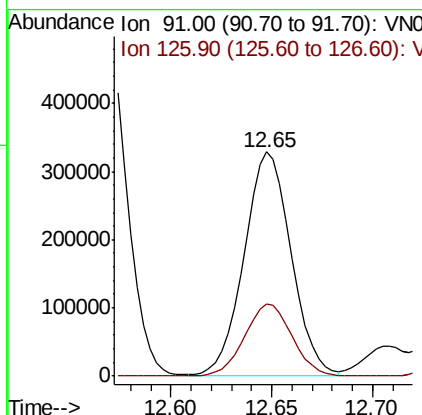
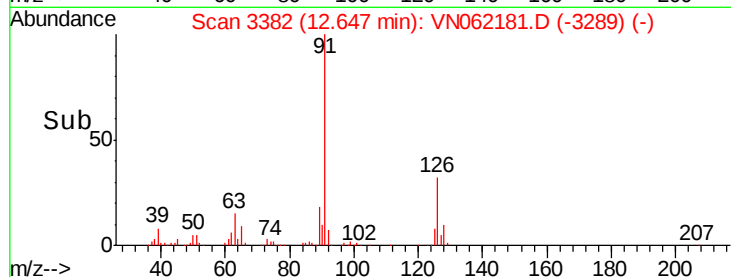
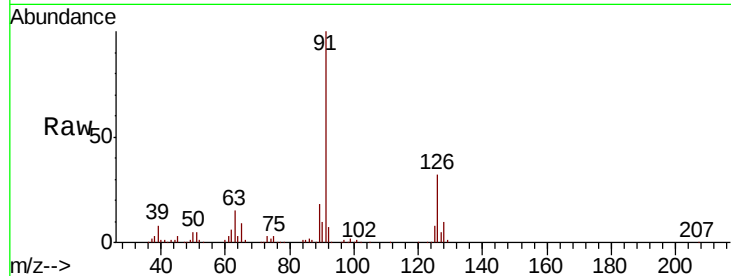




#79
 2-Chlorotoluene
 Concen: 49.353 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. -0.00 min
 Lab File: VN062181.D
 Acq: 29 Jun 2020 10:55

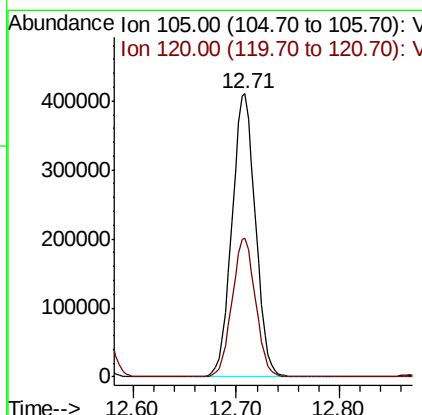
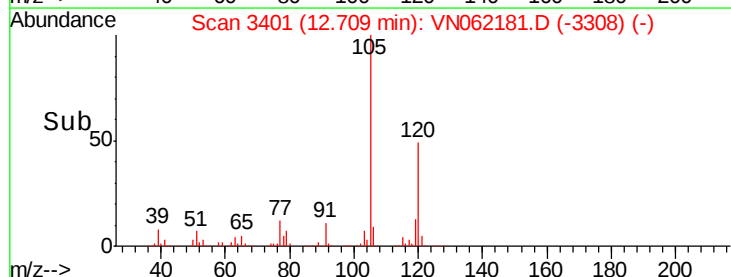
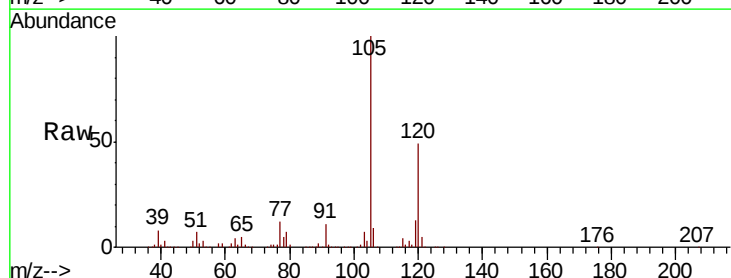
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

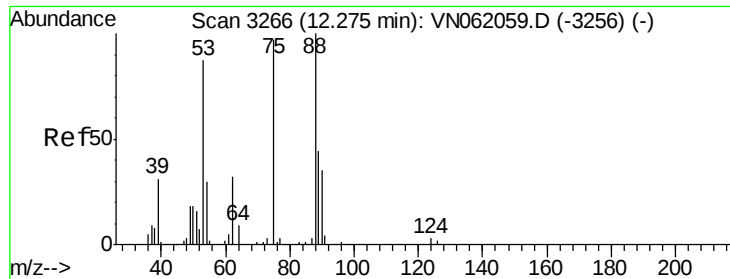
Tot Ion: 91 Resp: 532749
 Ion Ratio Lower Upper
 91 100
 126 32.8 16.9 50.7



#80
 1,3,5-Trimethylbenzene
 Concen: 51.473 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN062181.D
 Acq: 29 Jun 2020 10:55

Tgt Ion: 105 Resp: 651359
 Ion Ratio Lower Upper
 105 100
 120 48.8 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 52.847 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062181.D

Acq: 29 Jun 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

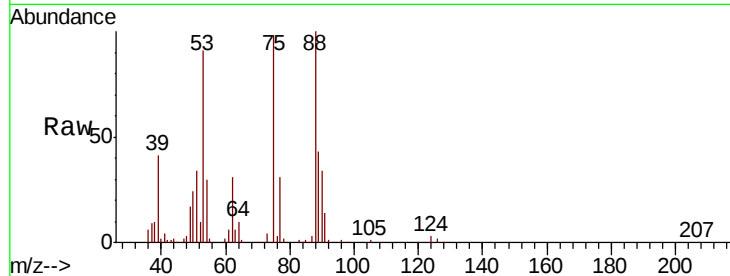
Tot Ion: 75 Resp: 85906

Ion Ratio Lower Upper

75 100

53 93.1 72.0 108.0

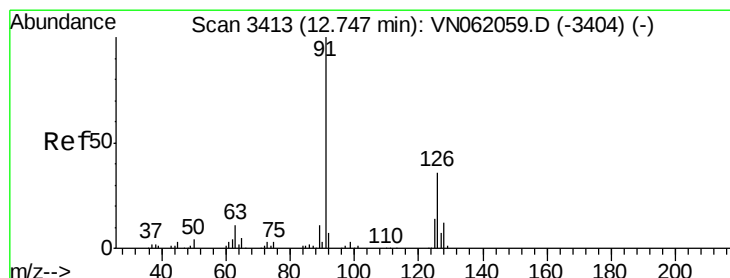
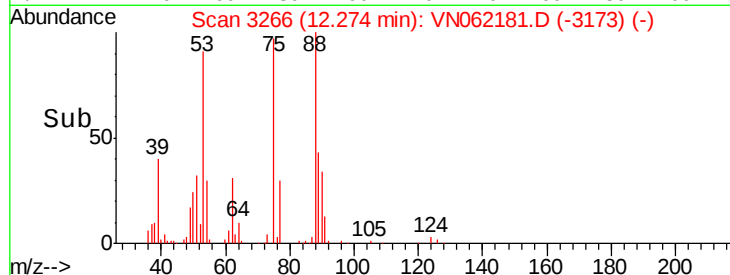
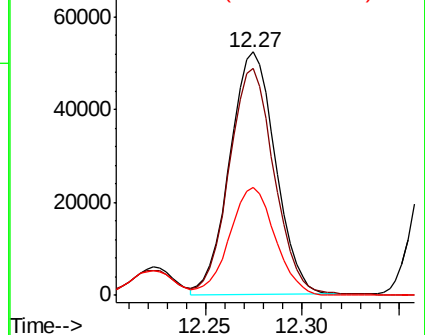
89 44.5 36.9 55.3



Abundance Ion 74.90 (74.60 to 75.60): VN062181.D (-3173) (-)

Ion 53.00 (52.70 to 53.70): VN062181.D (-3173) (-)

Ion 88.90 (88.60 to 89.60): VN062181.D (-3173) (-)



#82

4-Chlorotoluene

Concen: 49.911 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062181.D

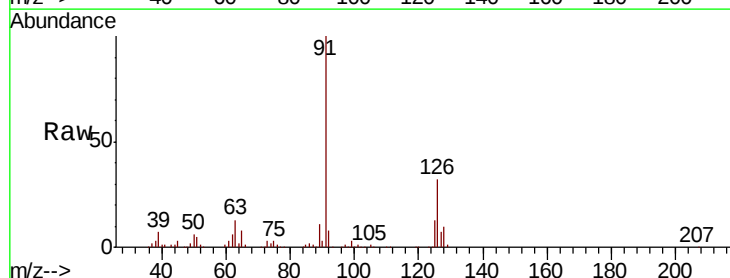
Acq: 29 Jun 2020 10:55

Tgt Ion: 91 Resp: 557143

Ion Ratio Lower Upper

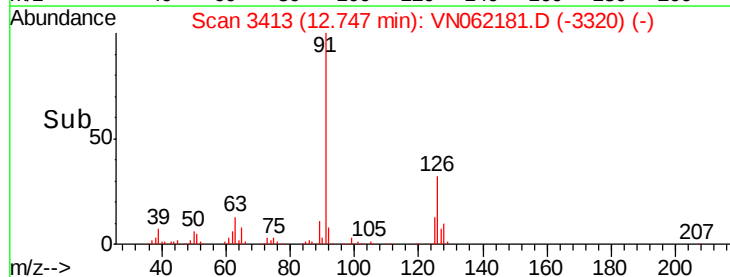
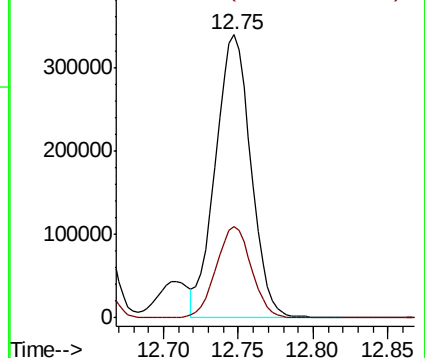
91 100

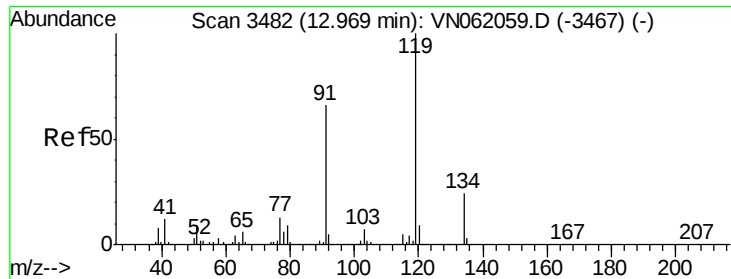
126 32.3 16.7 50.1



Abundance Ion 91.00 (90.70 to 91.70): VN062181.D (-3320) (-)

Ion 125.90 (125.60 to 126.60): VN062181.D (-3320) (-)

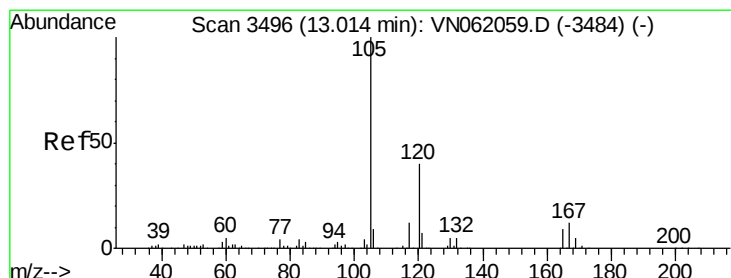
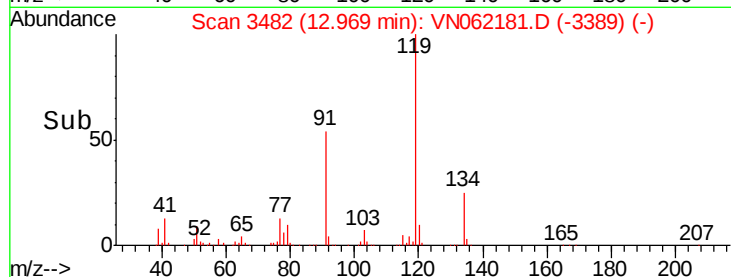
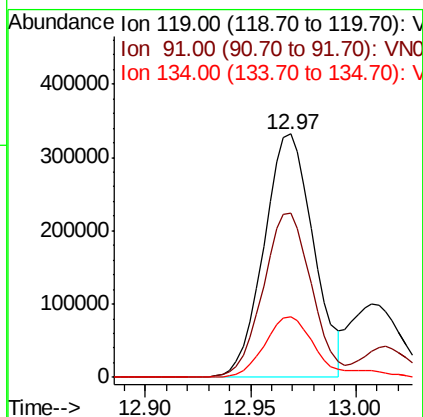
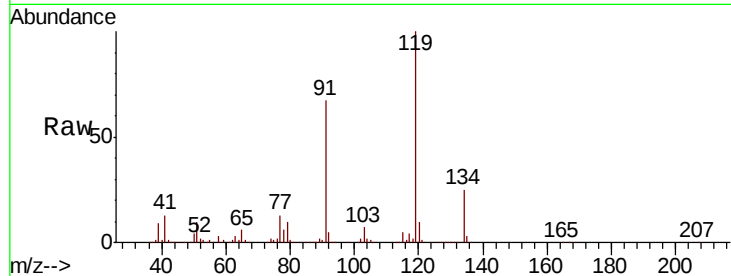




#83
tert-Butylbenzene
Concen: 49.981 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN062181.D
Acq: 29 Jun 2020 10:55

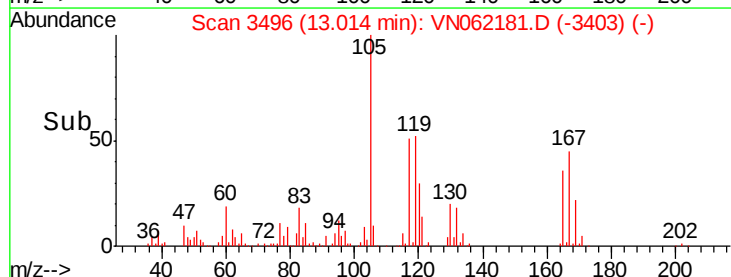
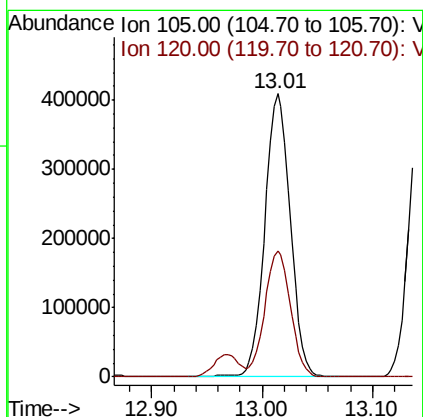
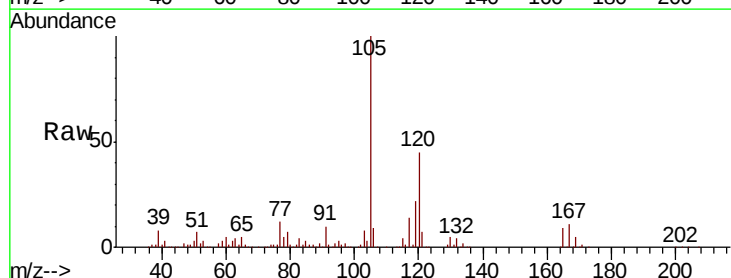
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

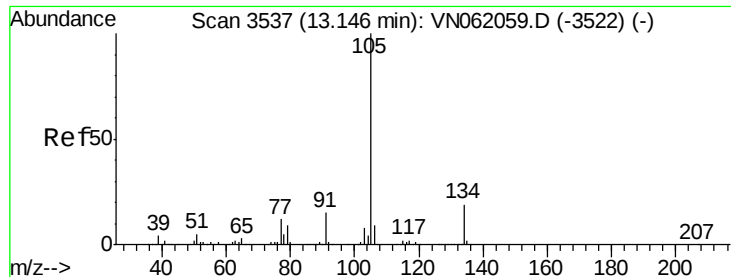
Tot Ion:119 Resp: 541280
Ion Ratio Lower Upper
119 100
91 66.3 31.7 95.1
134 26.7 13.1 39.1



#84
1,2,4-Trimethylbenzene
Concen: 51.840 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN062181.D
Acq: 29 Jun 2020 10:55

Tgt Ion:105 Resp: 655180
Ion Ratio Lower Upper
105 100
120 45.1 23.2 69.5





#85

sec-Butylbenzene

Concen: 53.115 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062181.D

Acq: 29 Jun 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

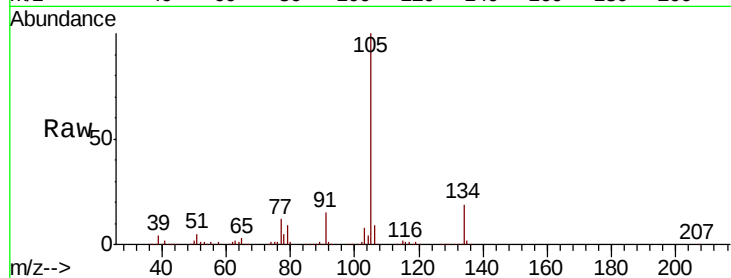
VSTDCCC050

Tot Ion:105 Resp: 760073

Ion Ratio Lower Upper

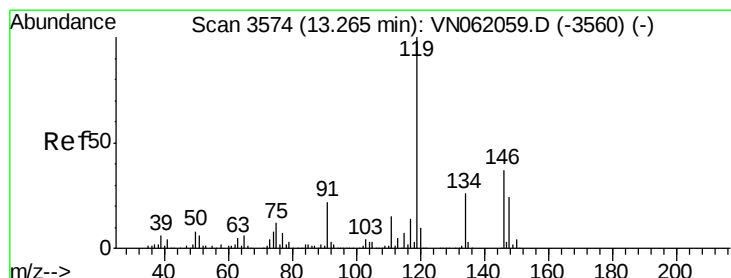
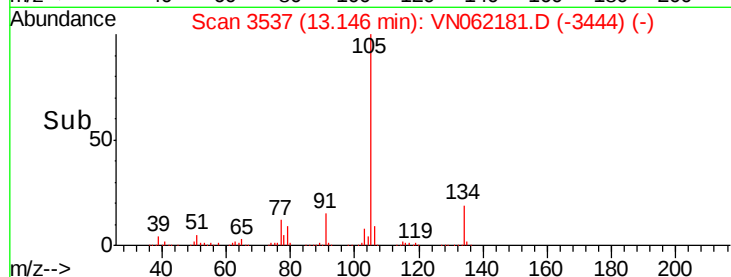
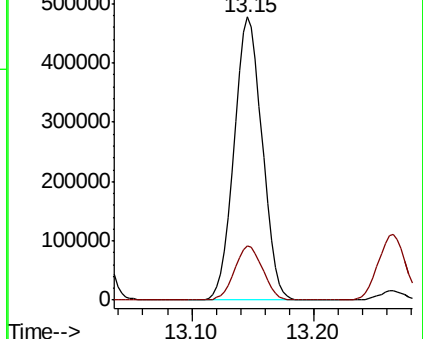
105 100

134 19.3 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 54.482 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062181.D

Acq: 29 Jun 2020 10:55

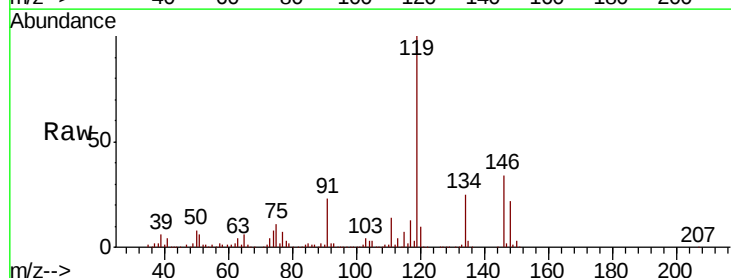
Tgt Ion:119 Resp: 683055

Ion Ratio Lower Upper

119 100

134 25.4 13.0 39.0

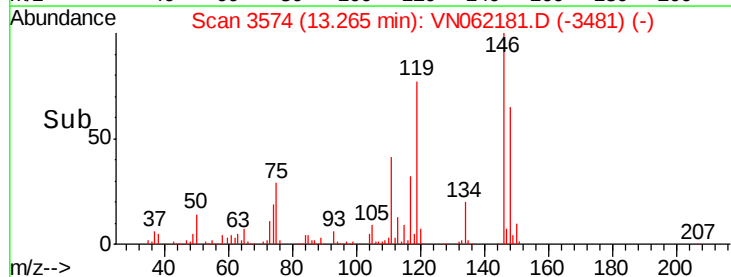
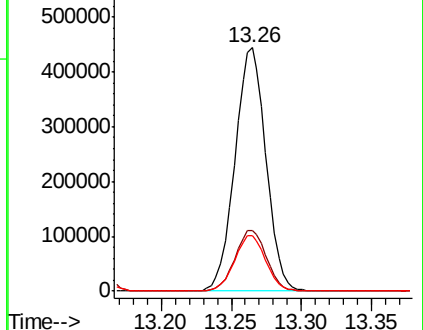
91 22.8 11.3 33.8

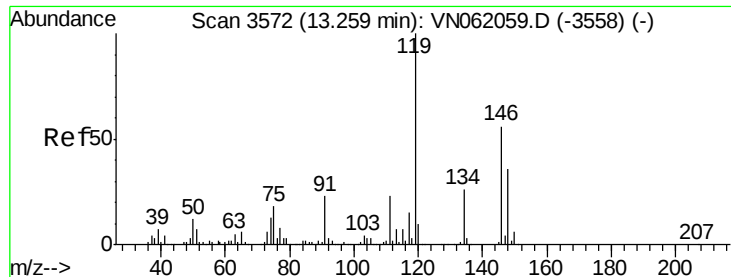


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

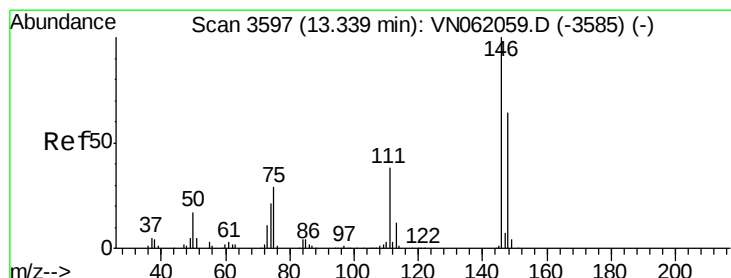
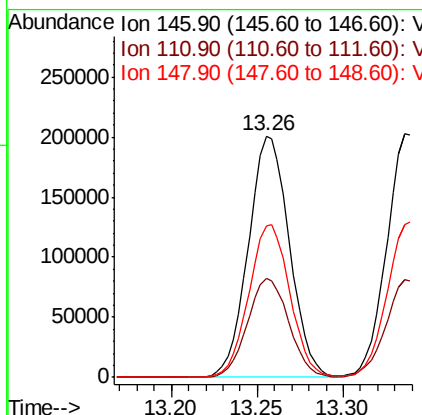
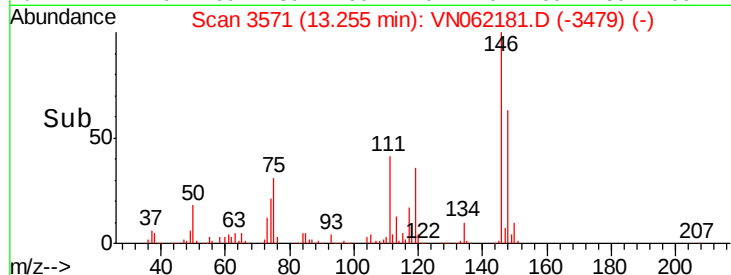
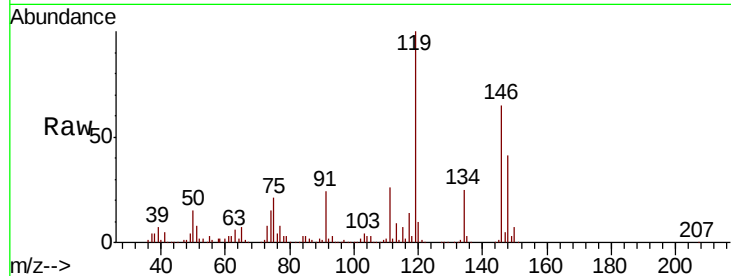




#87
 1,3-Dichlorobenzene
 Concen: 48.897 ug/l
 RT: 13.26 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VN062181.D
 Acq: 29 Jun 2020 10:55

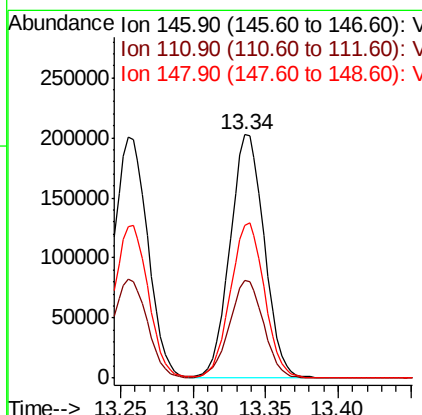
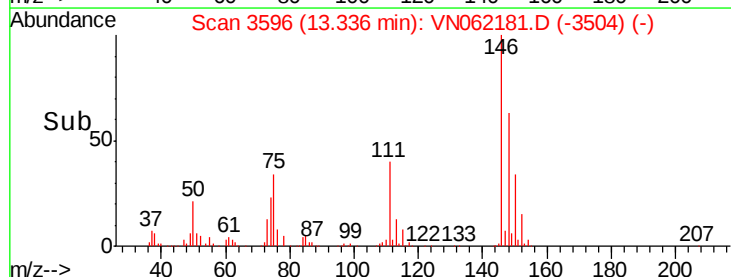
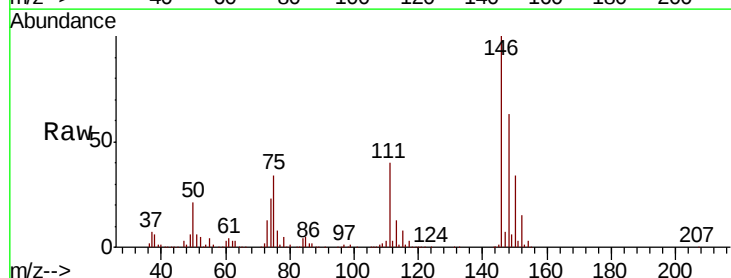
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

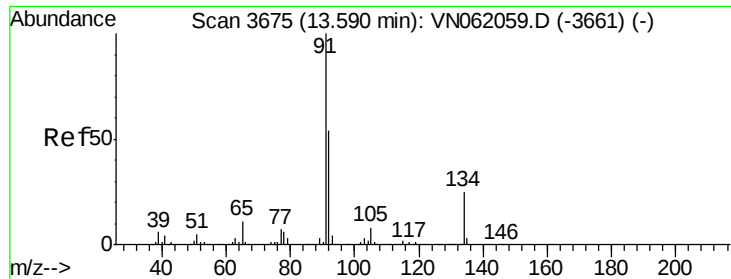
Tot Ion:146 Resp: 332758
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.3 61.0
 148 63.3 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 47.335 ug/l
 RT: 13.34 min Scan# 3596
 Delta R.T. -0.00 min
 Lab File: VN062181.D
 Acq: 29 Jun 2020 10:55

Tgt Ion:146 Resp: 332053
 Ion Ratio Lower Upper
 146 100
 111 40.1 19.9 59.6
 148 63.6 31.9 95.9





#89

n-Butylbenzene

Concen: 55.388 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN062181.D

Acq: 29 Jun 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

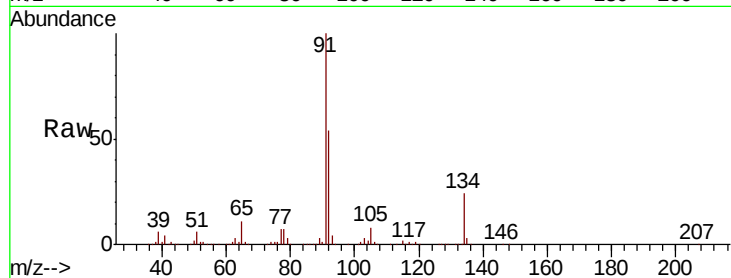
Tot Ion: 91 Resp: 577328

Ion Ratio Lower Upper

91 100

92 53.6 26.6 79.7

134 24.6 12.3 36.9

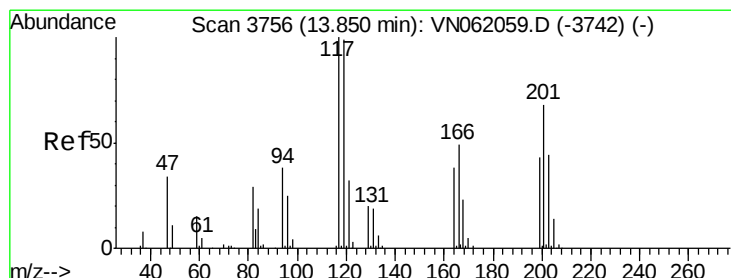
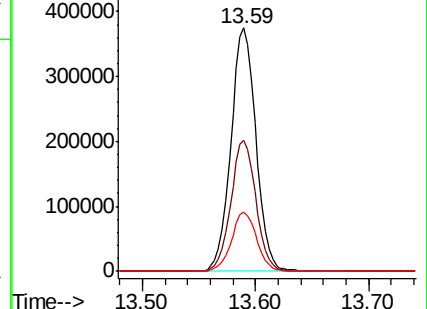
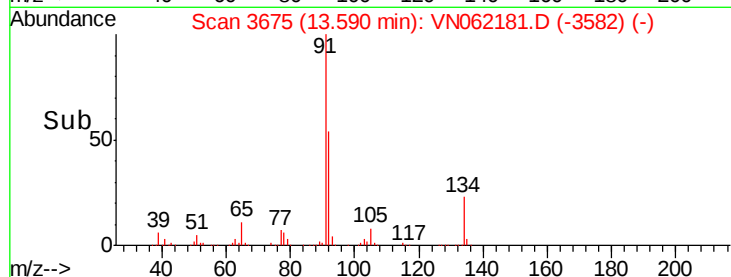


Abundance Ion 91.00 (90.70 to 91.70): VN062059.D (-3661) (-)

Ion 92.00 (91.70 to 92.70): VN062059.D (-3661) (-)

Ion 134.00 (133.70 to 134.70): VN062059.D (-3661) (-)

Time-->



#90

Hexachloroethane

Concen: 49.919 ug/l

RT: 13.85 min Scan# 3755

Delta R.T. -0.00 min

Lab File: VN062181.D

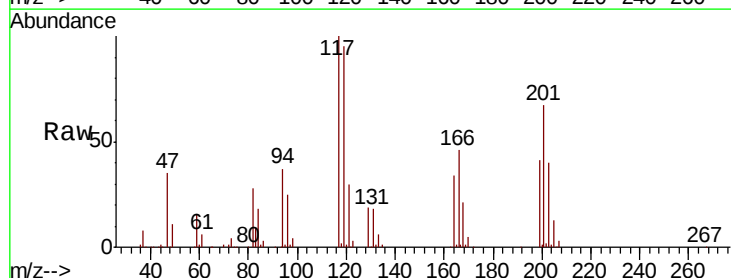
Acq: 29 Jun 2020 10:55

Tgt Ion: 117 Resp: 122792

Ion Ratio Lower Upper

117 100

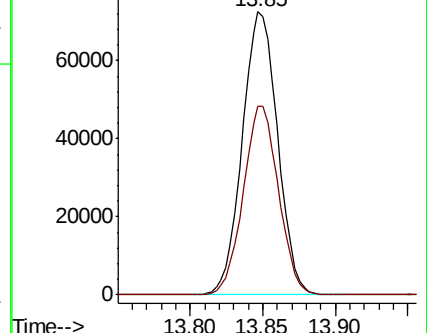
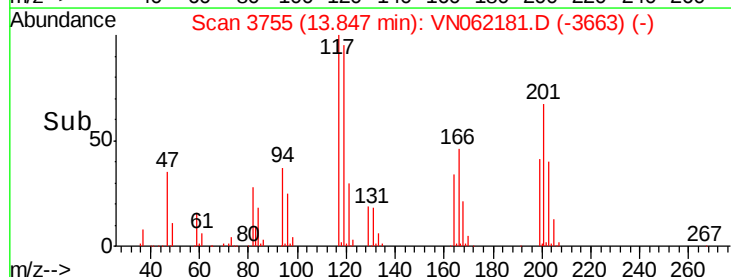
201 66.5 32.7 98.1

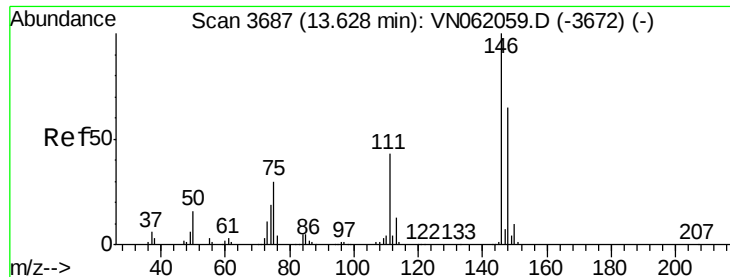


Abundance Ion 116.80 (116.50 to 117.50): VN062059.D (-3742) (-)

Ion 200.70 (200.40 to 201.40): VN062059.D (-3742) (-)

Time-->

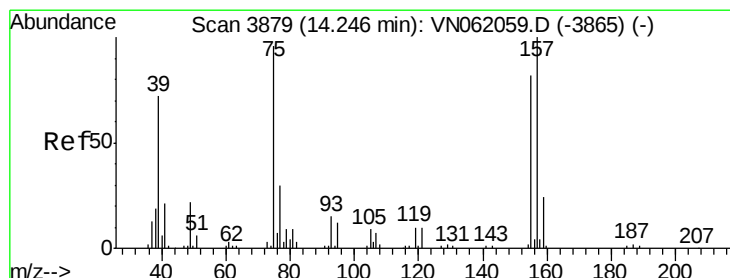
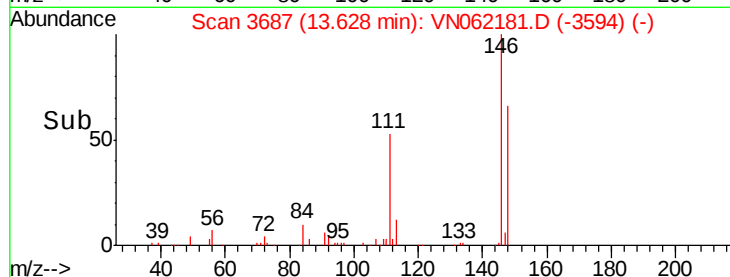
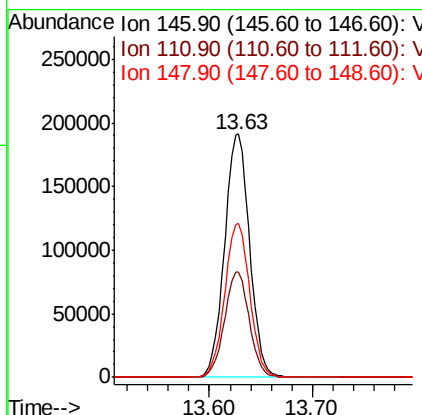
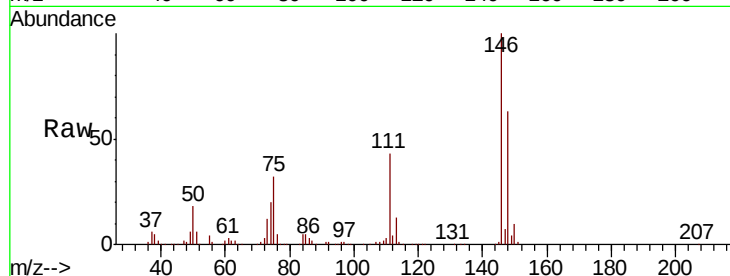




#91
 1,2-Dichlorobenzene
 Concen: 49.004 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062181.D
 Acq: 29 Jun 2020 10:55

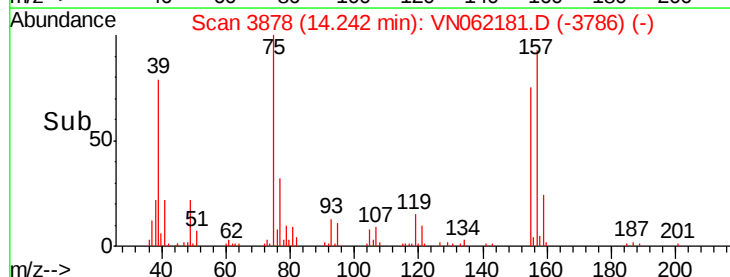
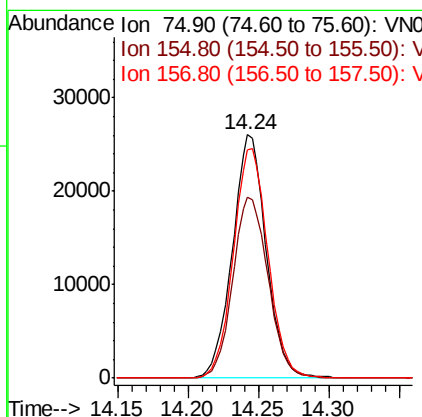
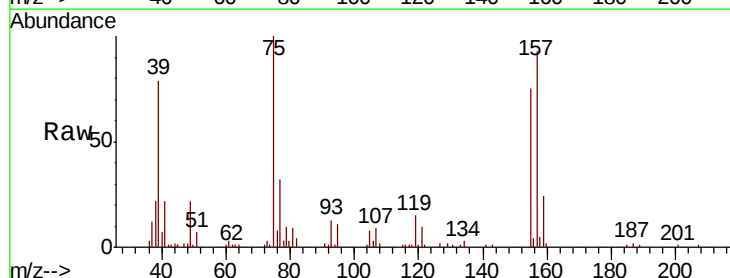
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

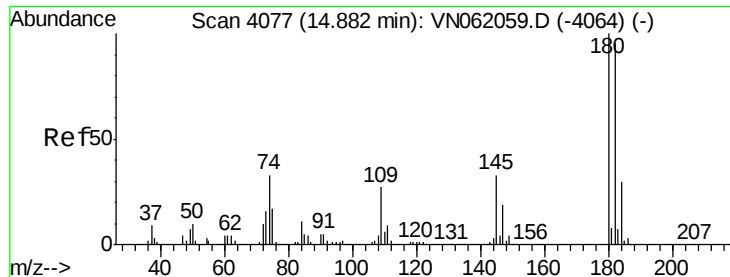
Tot Ion:146 Resp: 323388
 Ion Ratio Lower Upper
 146 100
 111 43.1 21.2 63.6
 148 63.4 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.532 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN062181.D
 Acq: 29 Jun 2020 10:55

Tgt Ion: 75 Resp: 43715
 Ion Ratio Lower Upper
 75 100
 155 77.7 40.8 122.4
 157 96.5 51.4 154.3

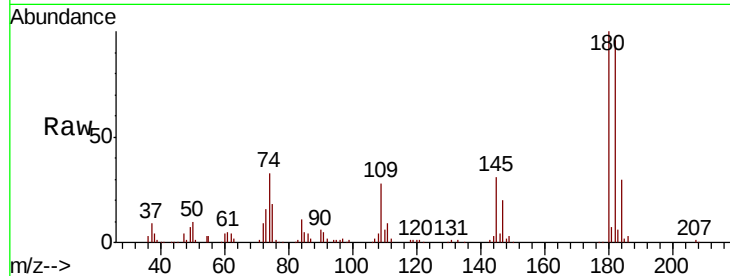




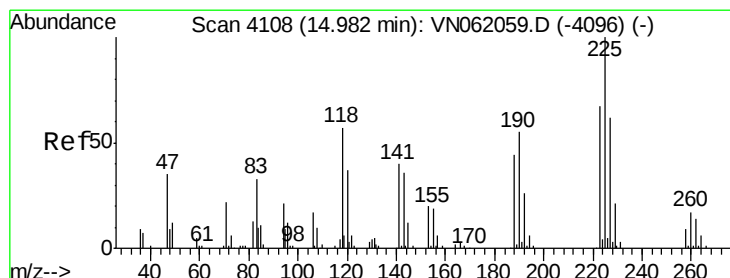
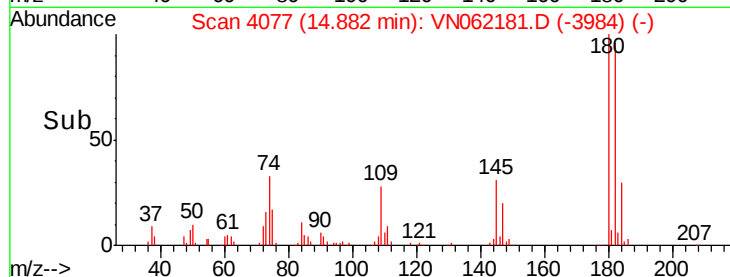
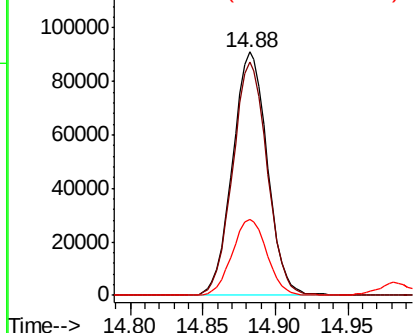
#93
 1,2,4-Trichlorobenzene
 Concen: 52.496 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN062181.D
 Acq: 29 Jun 2020 10:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:180 Resp: 151338
 Ion Ratio Lower Upper
 180 100
 182 95.0 48.0 144.2
 145 31.2 16.0 48.0

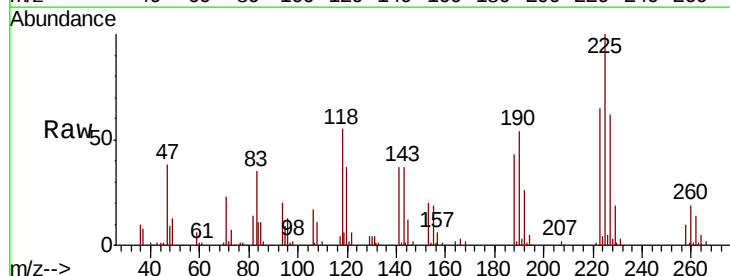


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

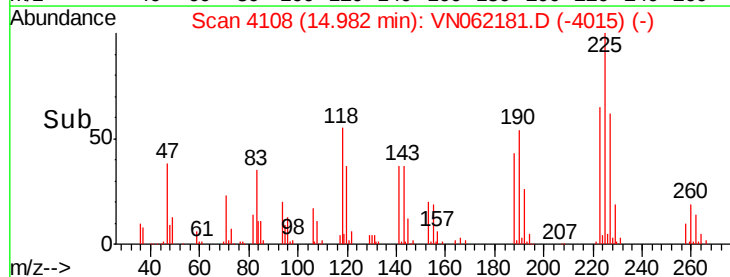
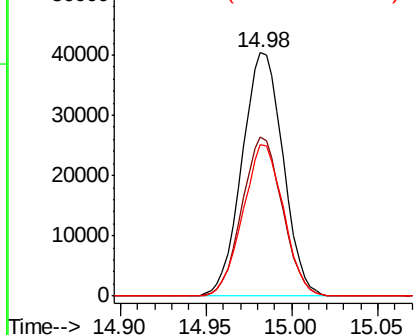


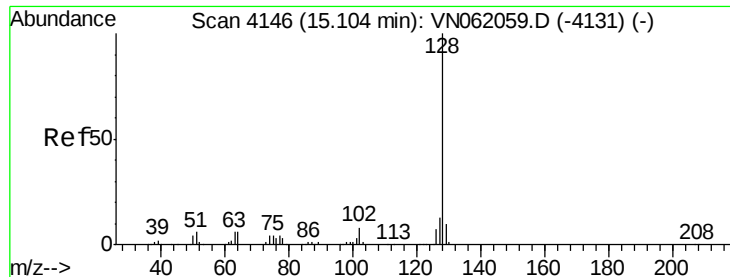
#94
 Hexachlorobutadiene
 Concen: 53.594 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062181.D
 Acq: 29 Jun 2020 10:55

Tgt Ion:225 Resp: 67106
 Ion Ratio Lower Upper
 225 100
 223 64.1 32.9 98.7
 227 61.4 31.3 93.8



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 45.010 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. -0.00 min

Lab File: VN062181.D

Acq: 29 Jun 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

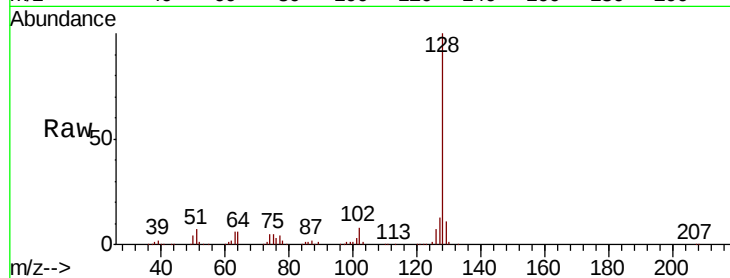
Tot Ion:128 Resp: 428482

Ion Ratio Lower Upper

128 100

127 12.8 10.5 15.7

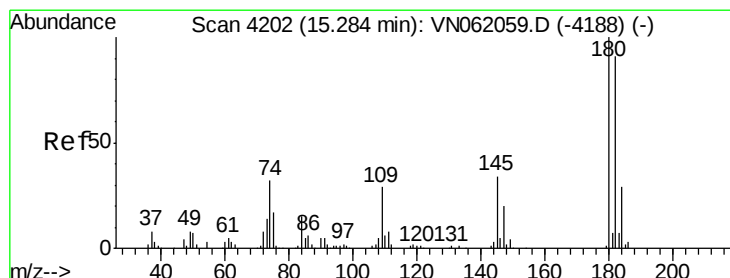
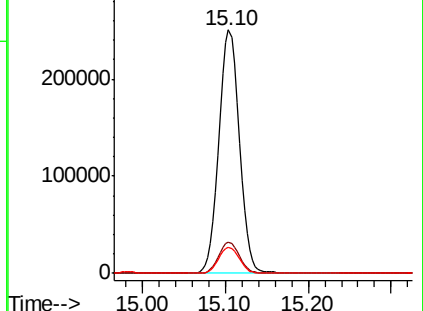
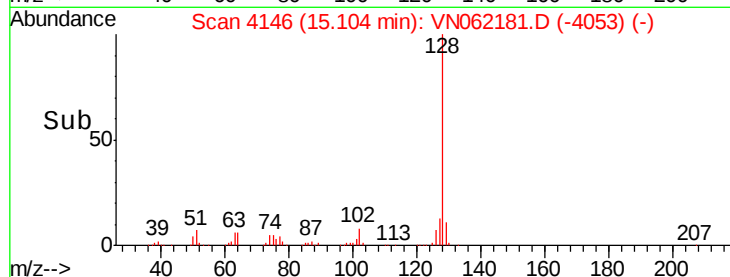
129 10.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 51.137 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. -0.00 min

Lab File: VN062181.D

Acq: 29 Jun 2020 10:55

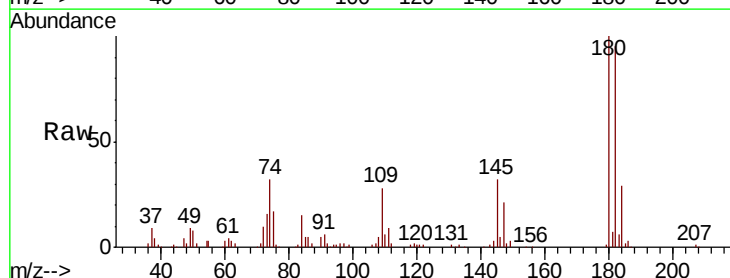
Tgt Ion:180 Resp: 150741

Ion Ratio Lower Upper

180 100

182 95.3 46.8 140.4

145 33.0 16.4 49.2



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

