

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070220\
 Data File : VN062336.D
 Acq On : 2 Jul 2020 16:21
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 03 00:32:44 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	168825	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	310373	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	291436	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	144642	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	129257	54.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.12%	
35) Dibromofluoromethane	7.55	113	97111	48.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.54%	
50) Toluene-d8	10.06	98	399544	50.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.40%	
62) 4-Bromofluorobenzene	12.37	95	141948	52.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	83582	43.800	ug/l	97
3) Chloromethane	2.03	50	113638	50.599	ug/l	100
4) Vinyl Chloride	2.16	62	128729	42.836	ug/l	98
5) Bromomethane	2.52	94	83966	43.232	ug/l	94
6) Chloroethane	2.66	64	87219	42.487	ug/l	100
7) Trichlorofluoromethane	2.98	101	157950	42.655	ug/l	97
8) Diethyl Ether	3.37	74	69207	53.524	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.71	101	94257	48.608	ug/l	97
10) Methyl Iodide	3.91	142	113006	51.746	ug/l	99
11) Tert butyl alcohol	4.73	59	91079	267.752	ug/l	100
12) 1,1-Dichloroethene	3.69	96	93866	48.422	ug/l	94
13) Acrolein	3.56	56	63460	190.548	ug/l	97
14) Allyl chloride	4.27	41	150223	56.918	ug/l	98
15) Acrylonitrile	4.92	53	261440	282.042	ug/l	99
16) Acetone	3.77	43	272490	368.339	ug/l	96
17) Carbon Disulfide	4.00	76	257968	46.464	ug/l	100
18) Methyl Acetate	4.27	43	110725	58.791	ug/l	96
19) Methyl tert-butyl Ether	4.99	73	342968	55.368	ug/l	98
20) Methylene Chloride	4.50	84	118007	54.277	ug/l	95
21) trans-1,2-Dichloroethene	4.98	96	104246	47.205	ug/l	92
22) Diisopropyl ether	5.90	45	352910	58.727	ug/l	98
23) Vinyl Acetate	5.84	43	1465351	298.667	ug/l	97
24) 1,1-Dichloroethane	5.79	63	207433	53.605	ug/l	98
25) 2-Butanone	6.78	43	353459	305.226	ug/l	95
26) 2,2-Dichloropropane	6.77	77	177329	54.992	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	128112	51.555	ug/l	95
28) Bromochloromethane	7.15	49	93439	55.652	ug/l	90
29) Tetrahydrofuran	7.16	42	220477	290.651	ug/l	96
30) Chloroform	7.32	83	207390	52.676	ug/l	98
31) Cyclohexane	7.61	56	170536	52.100	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	168207	50.661	ug/l	97
36) 1,1-Dichloropropene	7.75	75	155561	49.864	ug/l	98
37) Ethyl Acetate	6.88	43	143514	55.555	ug/l	97
38) Carbon Tetrachloride	7.73	117	136714	46.482	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	174537	51.061	ug/l	97
40) Benzene	8.00	78	475074	49.962	ug/l	98
41) Methacrylonitrile	7.13	41	69384	57.935	ug/l	89
42) 1,2-Dichloroethane	8.08	62	168191	52.353	ug/l	98
43) Isopropyl Acetate	8.12	43	237179	56.321	ug/l #	90
44) Trichloroethene	8.80	130	110500	46.068	ug/l	96
45) 1,2-Dichloropropane	9.08	63	125276	53.403	ug/l	99
46) Dibromomethane	9.17	93	79010	49.676	ug/l	96
47) Bromodichloromethane	9.37	83	167623	52.195	ug/l	99
48) Methyl methacrylate	9.17	41	113394	60.055	ug/l	91
49) 1,4-Dioxane	9.16	88	43659	1042.661	ug/l #	93
51) 4-Methyl-2-Pentanone	9.95	43	720243	292.732	ug/l	97
52) Toluene	10.12	92	298919	51.522	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	190629	53.954	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	206348	54.857	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	117882	51.688	ug/l	97
56) Ethyl methacrylate	10.40	69	176011	57.830	ug/l	96
57) 1,3-Dichloropropane	10.68	76	208091	53.010	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	308052	238.517	ug/l	97
59) 2-Hexanone	10.72	43	541706	304.901	ug/l	98
60) Dibromochloromethane	10.87	129	123136	50.998	ug/l	99
61) 1,2-Dibromoethane	10.98	107	117790	50.265	ug/l	100
64) Tetrachloroethene	10.60	164	86567	43.484	ug/l	97
65) Chlorobenzene	11.40	112	312918	48.894	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	110177	49.785	ug/l	99
67) Ethyl Benzene	11.48	91	575756	53.267	ug/l	99
68) m/p-Xylenes	11.60	106	433582	103.712	ug/l	96
69) o-Xylene	11.92	106	205540	52.108	ug/l	94
70) Styrene	11.94	104	362294	55.073	ug/l	99
71) Bromoform	12.10	173	80175	50.954	ug/l #	97
73) Isopropylbenzene	12.22	105	564039	50.377	ug/l	99
74) N-amyl acetate	12.04	43	210550	51.012	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	179134	48.078	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	229120	67.289	ug/l #	100
77) Bromobenzene	12.50	156	126069	45.353	ug/l	90
78) n-propylbenzene	12.56	91	671600	52.440	ug/l	98
79) 2-Chlorotoluene	12.65	91	388279	50.149	ug/l	96
80) 1,3,5-Trimethylbenzene	12.71	105	473751	52.196	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	62123	53.281	ug/l	97
82) 4-Chlorotoluene	12.75	91	414731	51.799	ug/l	97
83) tert-Butylbenzene	12.97	119	383834	49.414	ug/l	96
84) 1,2,4-Trimethylbenzene	13.01	105	470826	51.939	ug/l	99
85) sec-Butylbenzene	13.15	105	545793	53.176	ug/l	99
86) p-Isopropyltoluene	13.26	119	484087	53.832	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	242548	49.691	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	238591	47.419	ug/l	99
89) n-Butylbenzene	13.59	91	424528	56.784	ug/l	99
90) Hexachloroethane	13.85	117	89123	50.514	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	231759	48.964	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	30569	51.215	ug/l	93

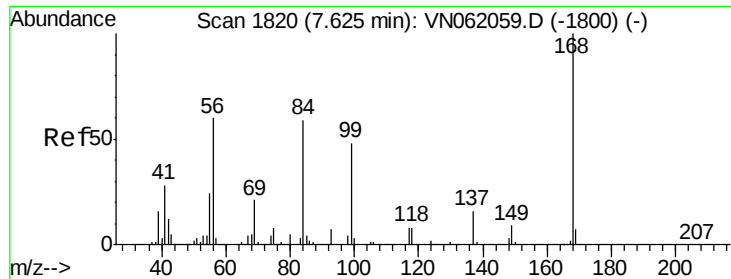
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	107028	51.760	ug/l	100
94) Hexachlorobutadiene	14.98	225	46525	51.804	ug/l	98
95) Naphthalene	15.10	128	310174	45.390	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	108758	51.439	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN062336.D

Acq: 2 Jul 2020 16:21

Instrument :

MSVOA_N

ClientSampleId :

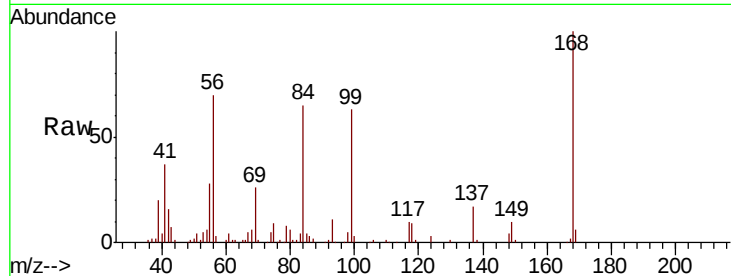
VSTDCCC050

Tot Ion:168 Resp: 168825

Ion Ratio Lower Upper

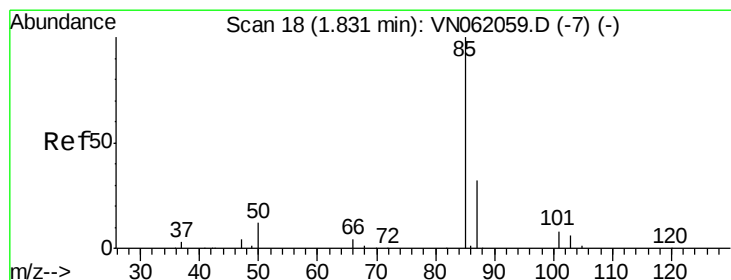
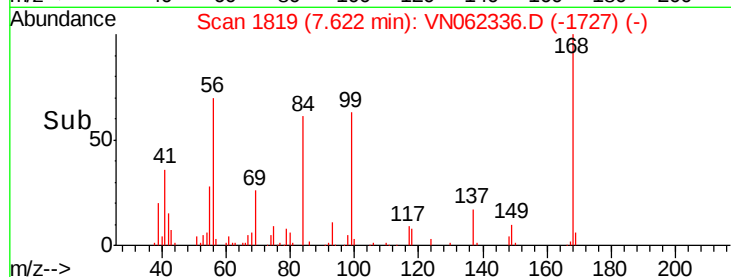
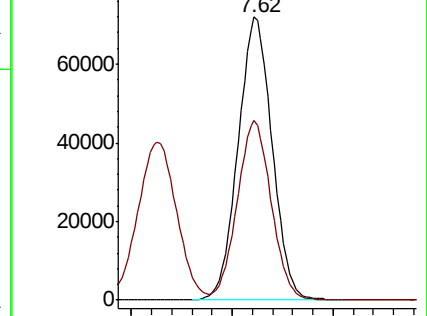
168 100

99 63.1 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 43.800 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062336.D

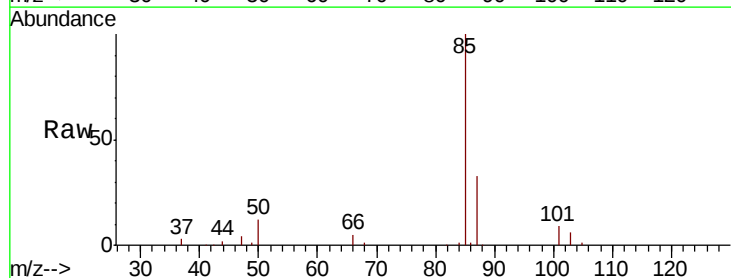
Acq: 2 Jul 2020 16:21

Tgt Ion: 85 Resp: 83582

Ion Ratio Lower Upper

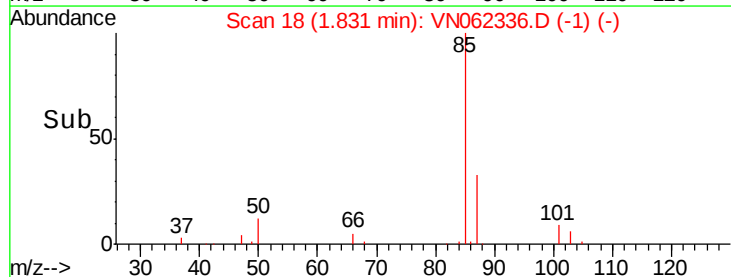
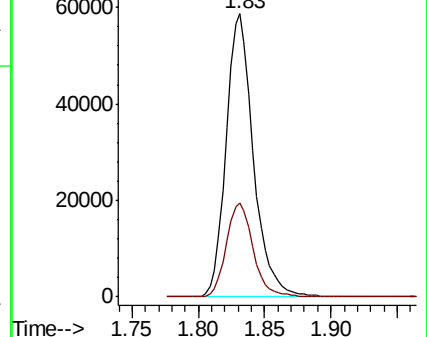
85 100

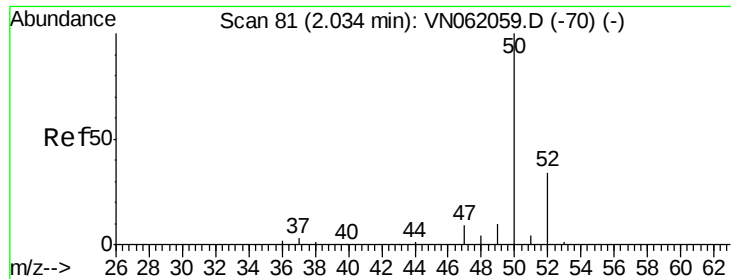
87 33.3 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 50.599 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062336.D

Acq: 2 Jul 2020 16:21

Instrument :

MSVOA_N

ClientSampleId :

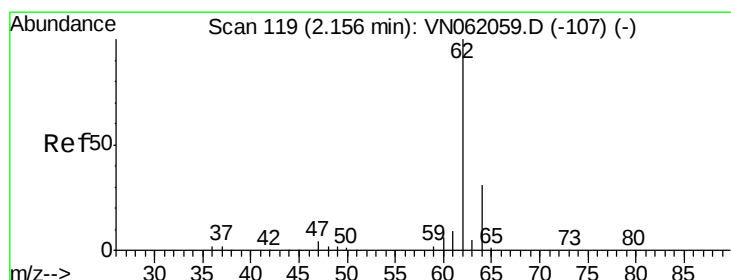
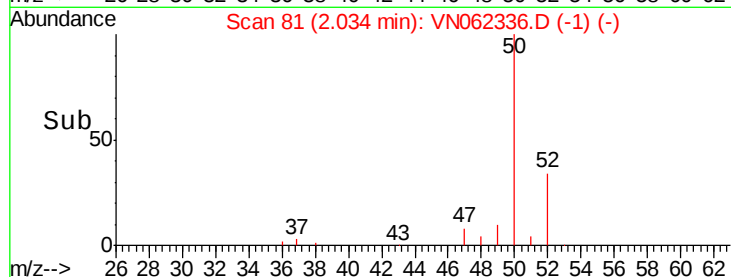
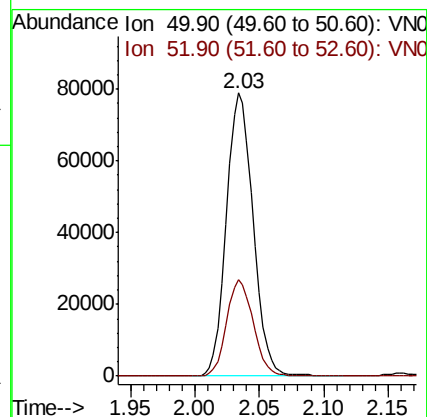
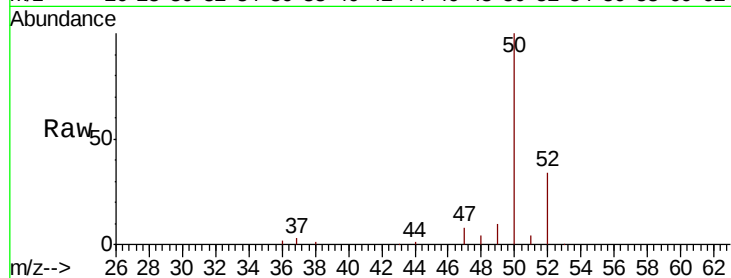
VSTDCCC050

Tot Ion: 50 Resp: 113638

Ion Ratio Lower Upper

50 100

52 34.0 27.0 40.6



#4

Vinyl Chloride

Concen: 42.836 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062336.D

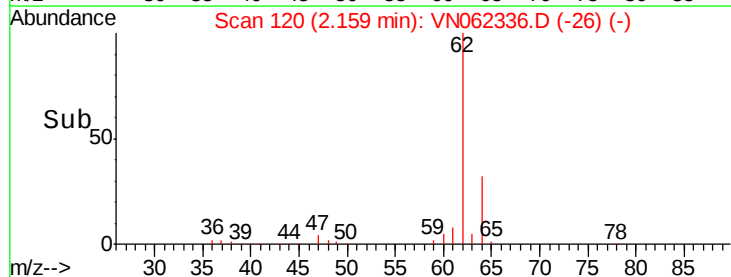
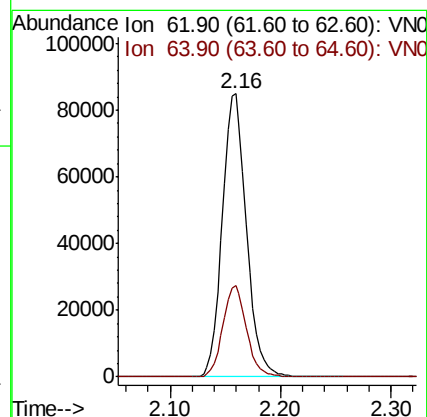
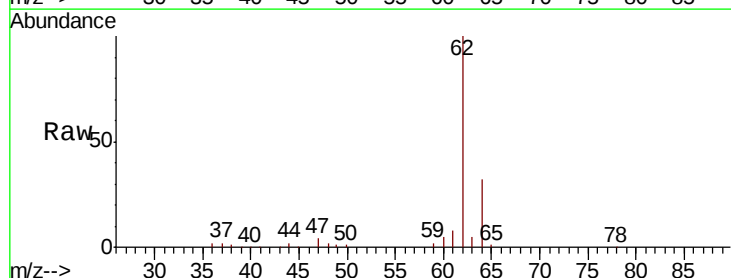
Acq: 2 Jul 2020 16:21

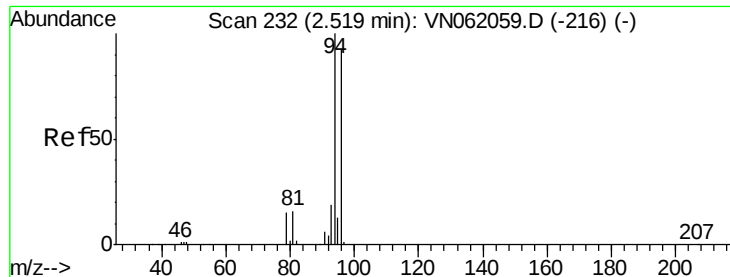
Tgt Ion: 62 Resp: 128729

Ion Ratio Lower Upper

62 100

64 32.3 25.1 37.7





#5

Bromomethane

Concen: 43.232 ug/l

RT: 2.52 min Scan# 232

Delta R.T. -0.00 min

Lab File: VN062336.D

Acq: 2 Jul 2020 16:21

Instrument :

MSVOA_N

ClientSampleId :

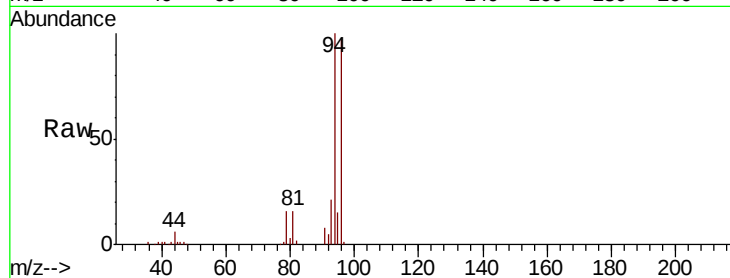
VSTDCCC050

Tot Ion: 94 Resp: 83966

Ion Ratio Lower Upper

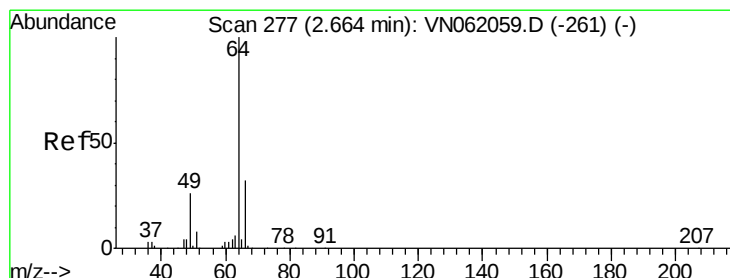
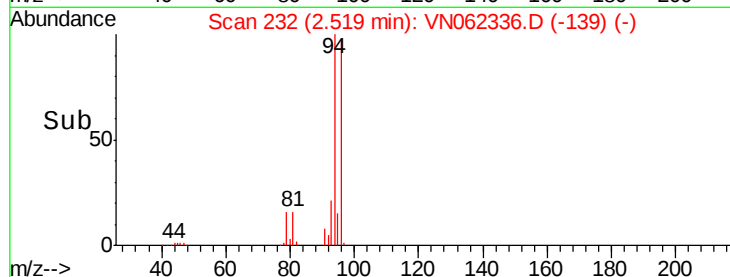
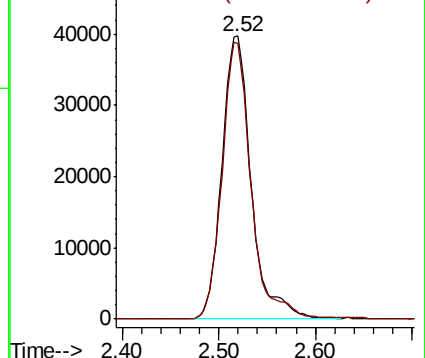
94 100

96 97.3 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VN062059.D (-216) (-)

Ion 95.90 (95.60 to 96.60): VN062059.D (-216) (-)



#6

Chloroethane

Concen: 42.487 ug/l

RT: 2.66 min Scan# 276

Delta R.T. -0.00 min

Lab File: VN062336.D

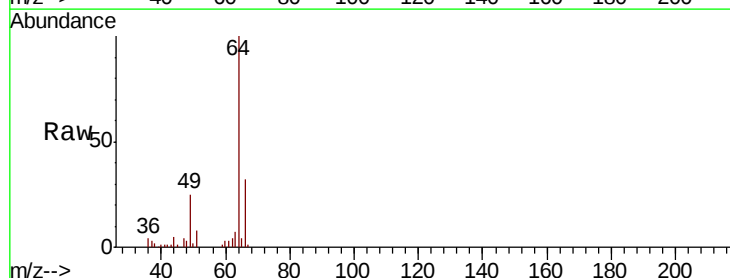
Acq: 2 Jul 2020 16:21

Tgt Ion: 64 Resp: 87219

Ion Ratio Lower Upper

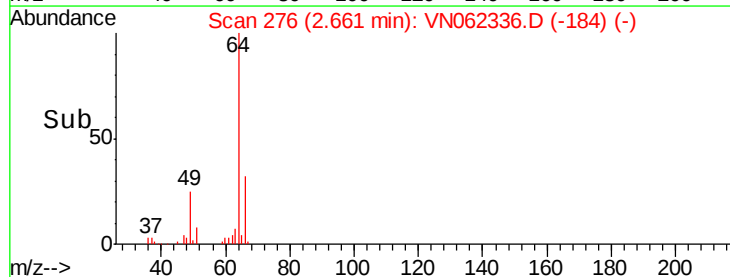
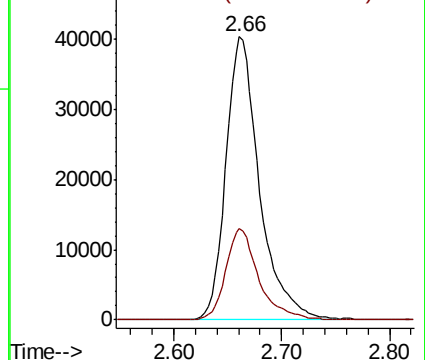
64 100

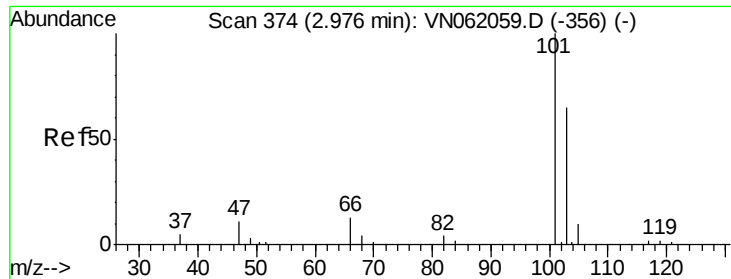
66 32.1 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VN062059.D (-261) (-)

Ion 65.90 (65.60 to 66.60): VN062059.D (-261) (-)



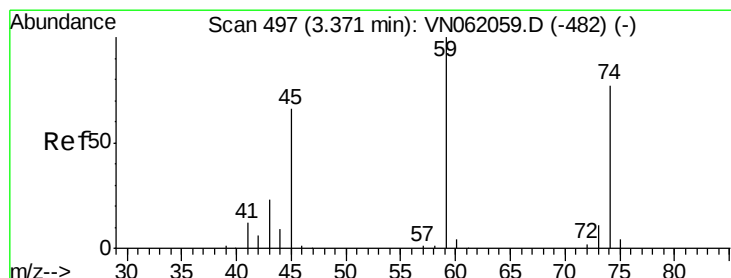
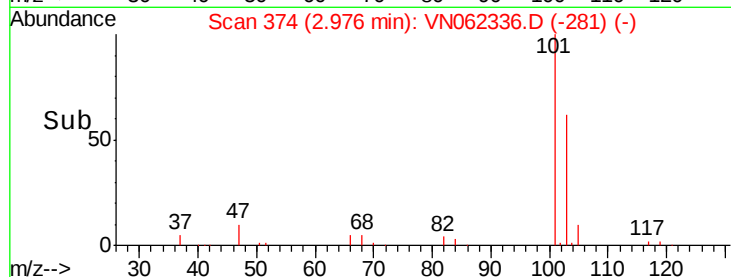
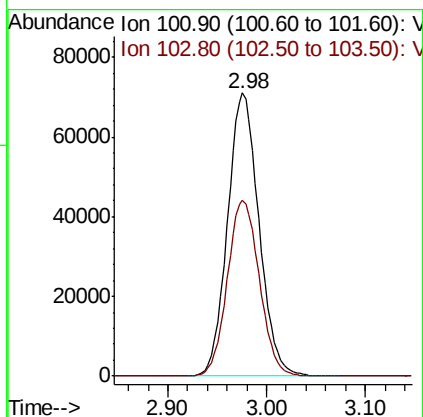
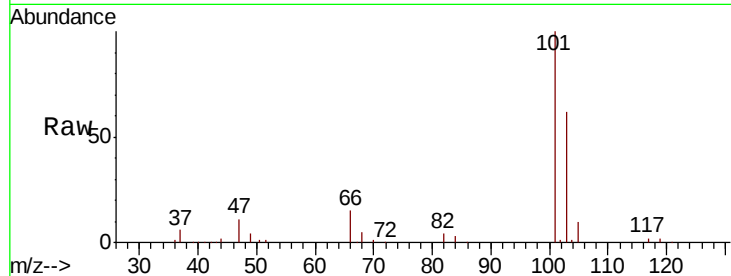


#7

Trichlorofluoromethane
 Concen: 42.655 ug/l
 RT: 2.98 min Scan# 374
 Delta R.T. -0.00 min
 Lab File: VN062336.D
 Acq: 2 Jul 2020 16:21

Instrument :
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 VSTDCCC050

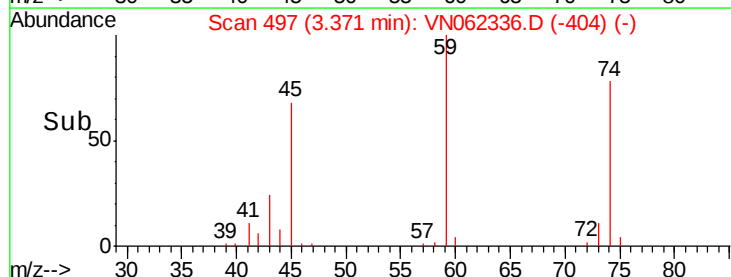
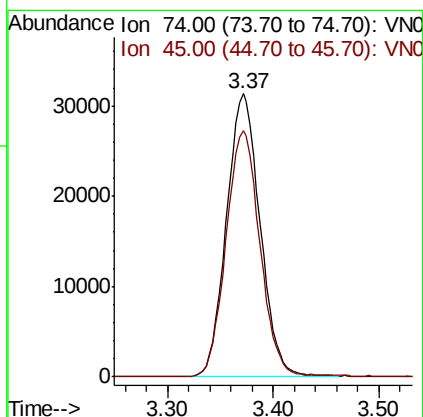
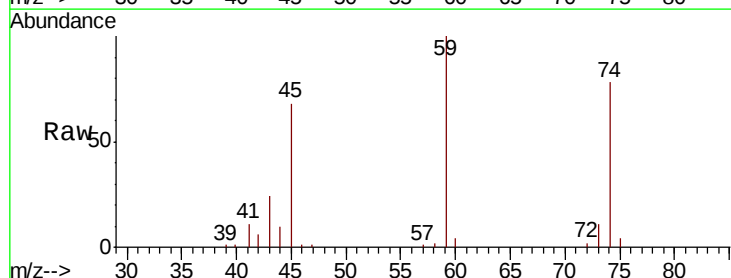
Tot Ion:101 Resp: 157950
 Ion Ratio Lower Upper
 101 100
 103 62.2 51.8 77.6

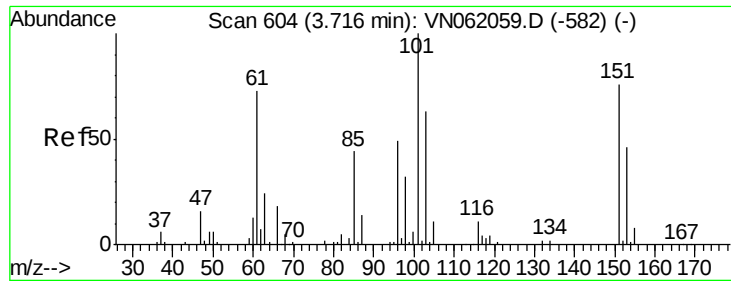


#8

Diethyl Ether
 Concen: 53.524 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN062336.D
 Acq: 2 Jul 2020 16:21

Tgt Ion: 74 Resp: 69207
 Ion Ratio Lower Upper
 74 100
 45 87.4 42.5 127.5

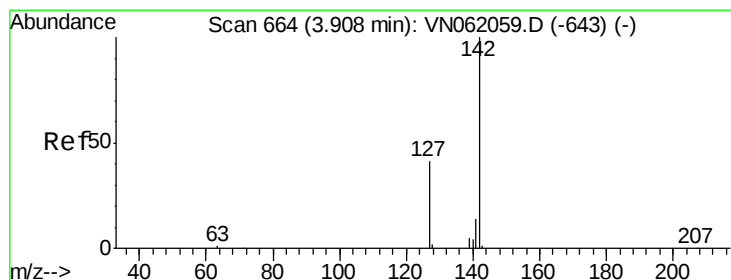
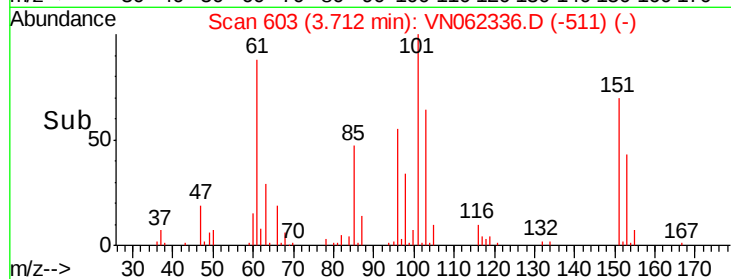
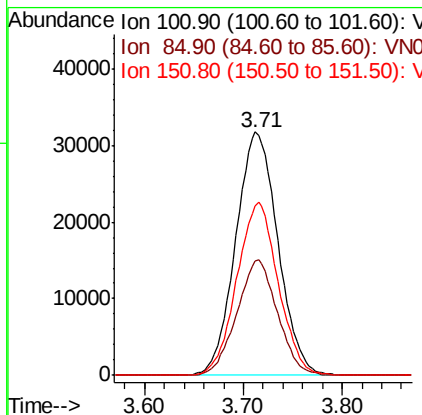
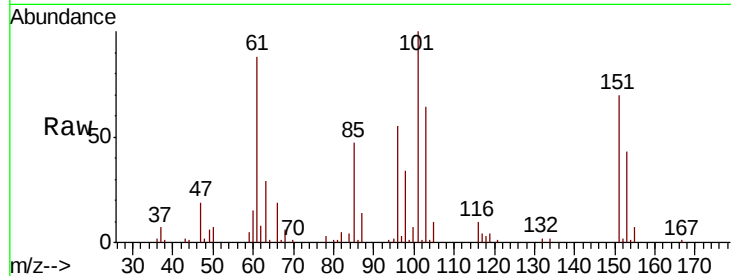




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 48.608 ug/l
 RT: 3.71 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: VN062336.D
 Acq: 2 Jul 2020 16:21

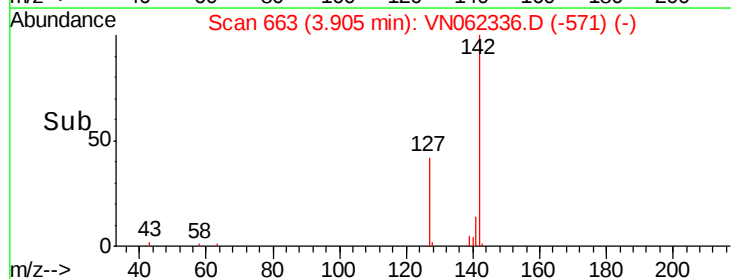
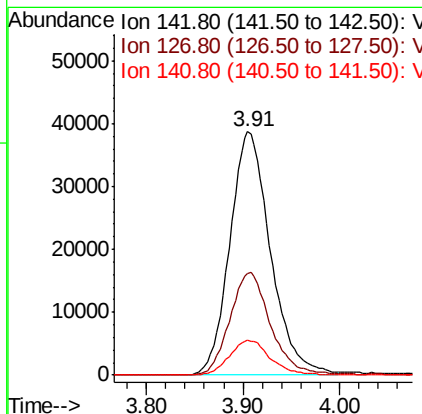
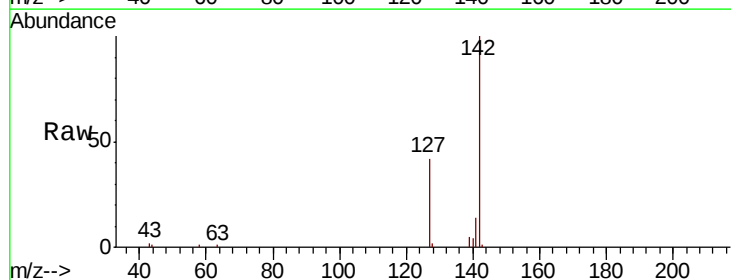
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

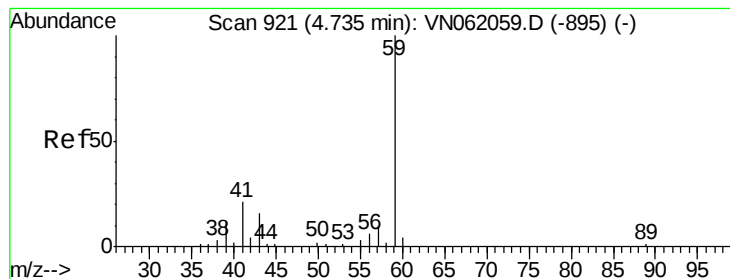
Tot Ion:101 Resp: 94257
 Ion Ratio Lower Upper
 101 100
 85 45.4 34.5 51.7
 151 69.5 57.8 86.8



#10
 Methyl Iodide
 Concen: 51.746 ug/l
 RT: 3.91 min Scan# 663
 Delta R.T. -0.00 min
 Lab File: VN062336.D
 Acq: 2 Jul 2020 16:21

Tgt Ion:142 Resp: 113006
 Ion Ratio Lower Upper
 142 100
 127 42.4 33.6 50.4
 141 14.2 11.3 16.9



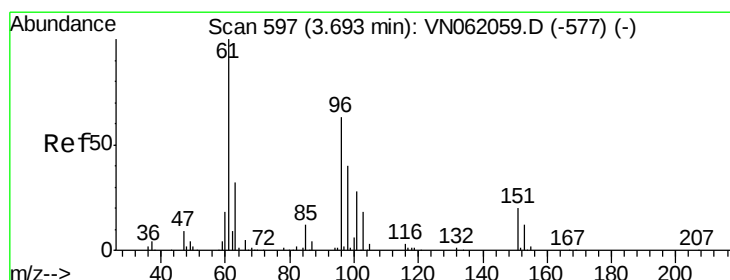
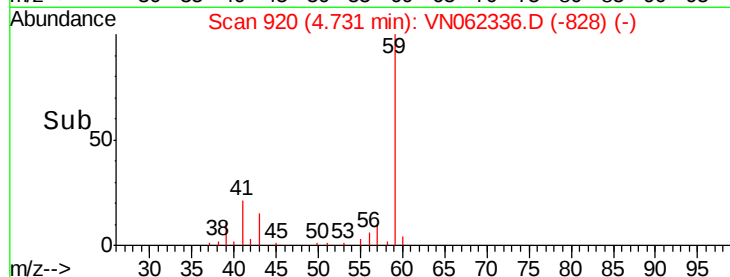
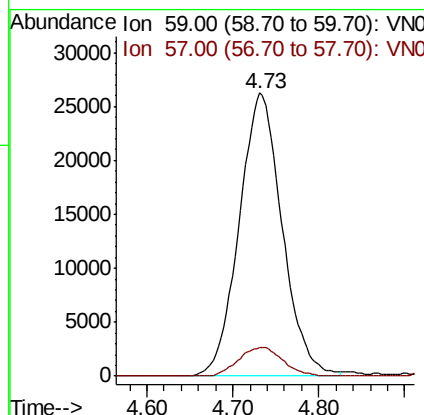
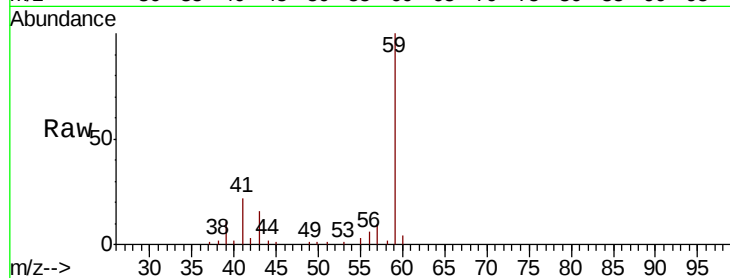


#11

Tert butyl alcohol
 Concen: 267.752 ug/l
 RT: 4.73 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VN062336.D
 Acq: 2 Jul 2020 16:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

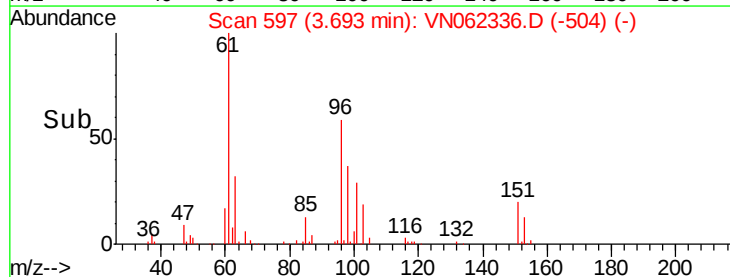
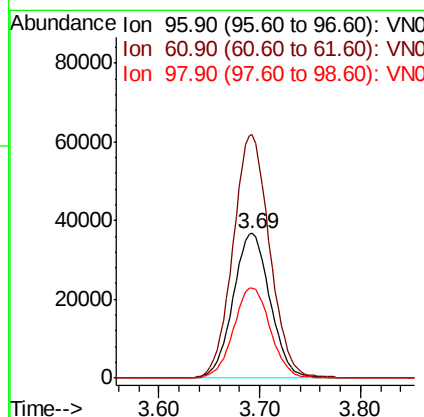
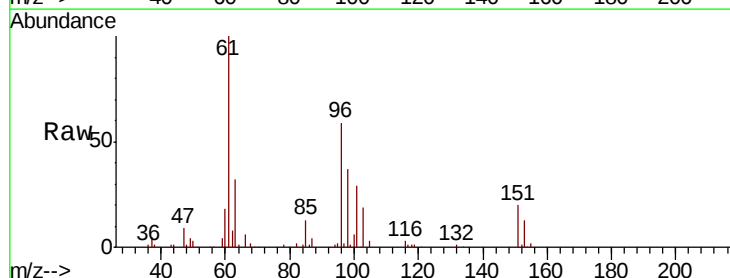
Tot Ion: 59 Resp: 91079
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.3 12.5

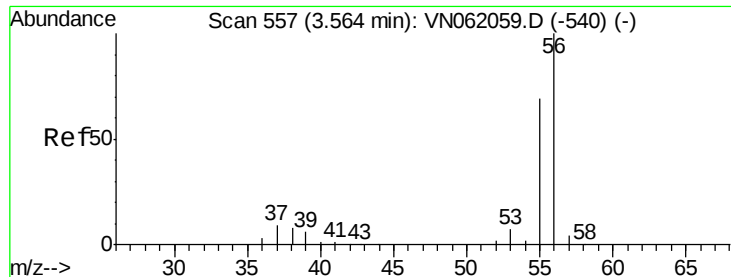


#12

1,1-Dichloroethene
 Concen: 48.422 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: VN062336.D
 Acq: 2 Jul 2020 16:21

Tgt Ion: 96 Resp: 93866
 Ion Ratio Lower Upper
 96 100
 61 168.3 126.7 190.1
 98 62.1 51.0 76.4

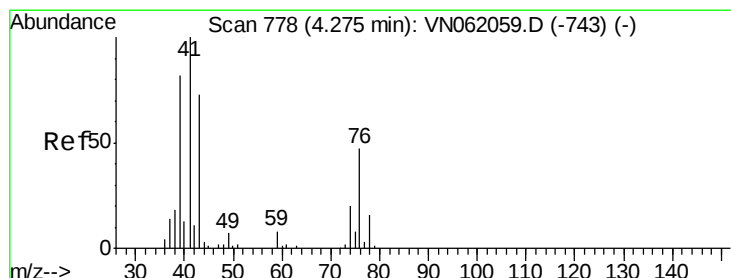
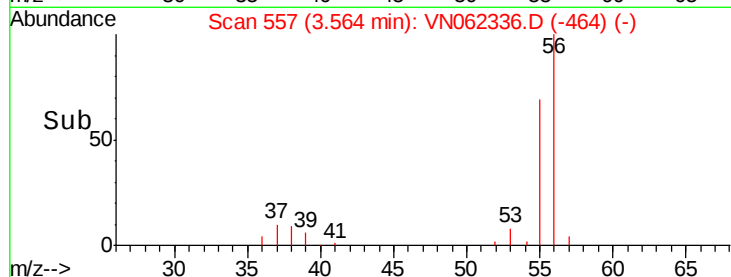
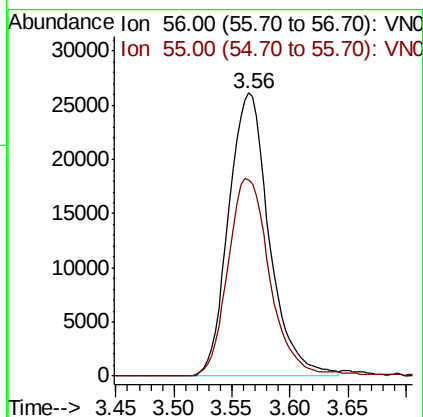
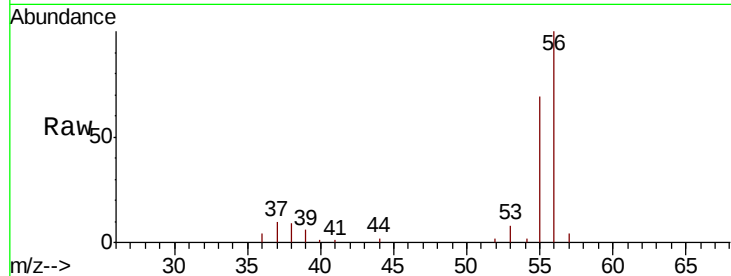




#13
Acrolein
Concen: 190.548 ug/l
RT: 3.56 min Scan# 557
Delta R.T. -0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

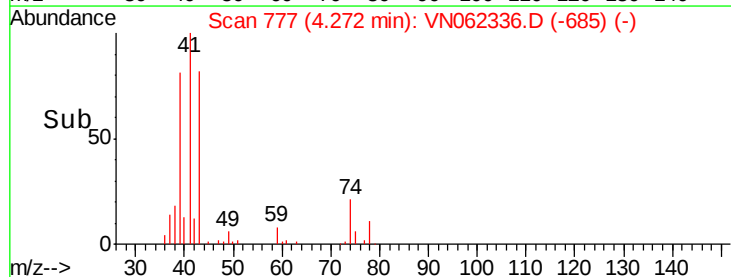
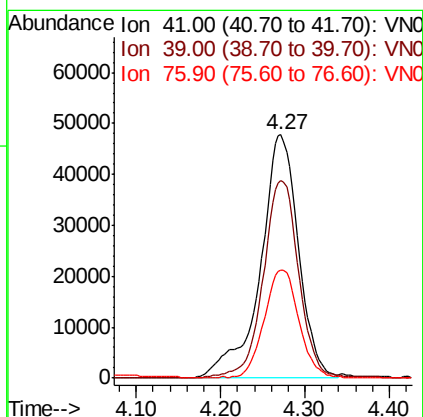
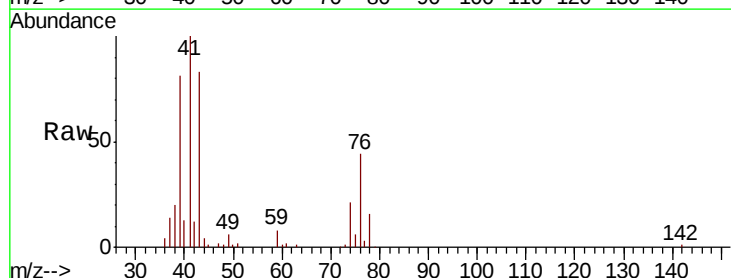
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

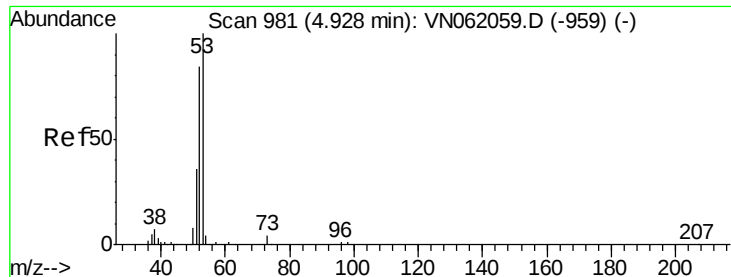
Tot Ion: 56 Resp: 63460
Ion Ratio Lower Upper
56 100
55 72.3 55.5 83.3



#14
Allyl chloride
Concen: 56.918 ug/l
RT: 4.27 min Scan# 777
Delta R.T. -0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

Tgt Ion: 41 Resp: 150223
Ion Ratio Lower Upper
41 100
39 75.7 60.0 90.0
76 40.5 34.1 51.1





#15

Acrylonitrile

Concen: 282.042 ug/l

RT: 4.92 min Scan# 980

Delta R.T. -0.00 min

Lab File: VN062336.D

Acq: 2 Jul 2020 16:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

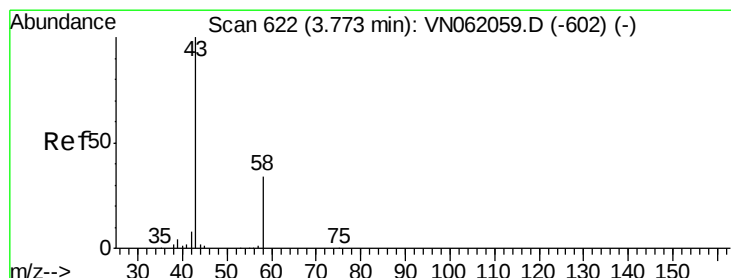
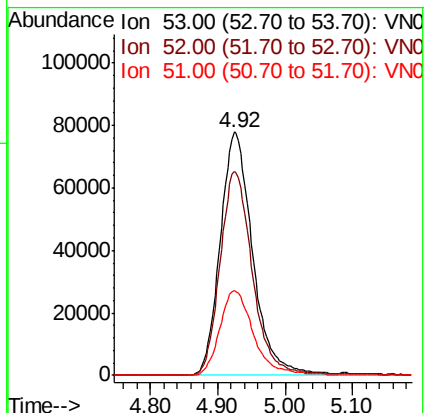
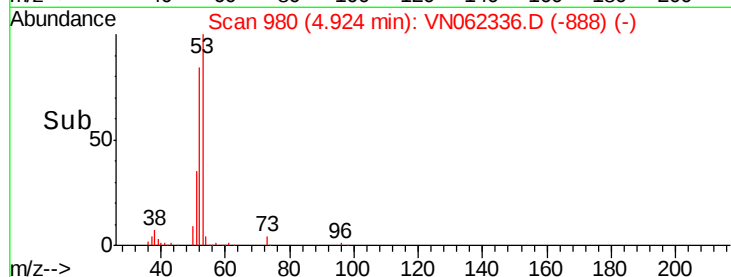
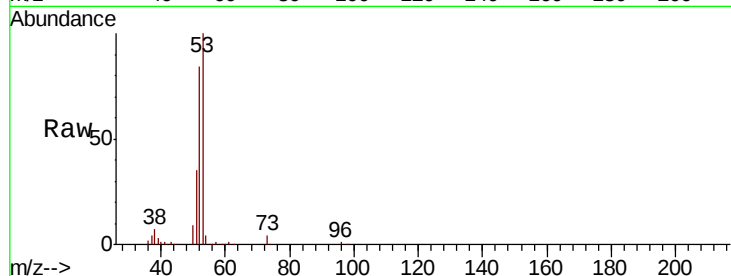
Tot Ion: 53 Resp: 261440

Ion Ratio Lower Upper

53 100

52 83.4 66.2 99.4

51 36.4 28.9 43.3



#16

Acetone

Concen: 368.339 ug/l

RT: 3.77 min Scan# 621

Delta R.T. -0.00 min

Lab File: VN062336.D

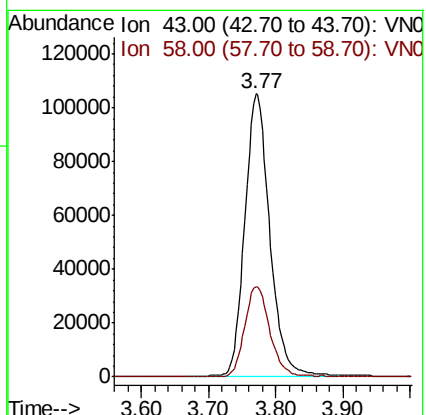
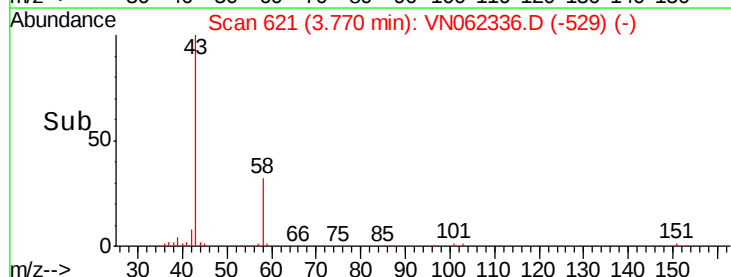
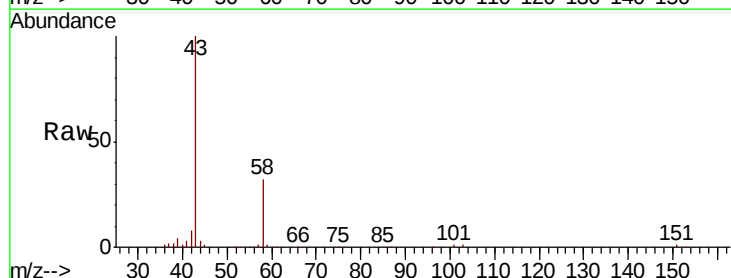
Acq: 2 Jul 2020 16:21

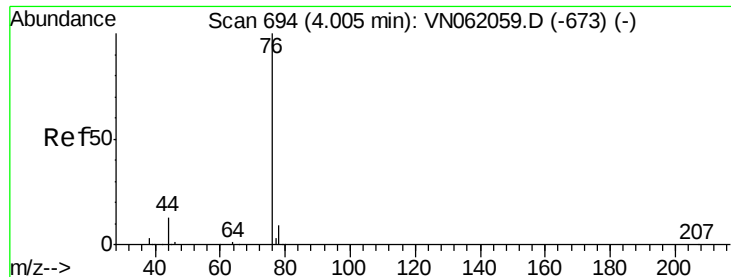
Tgt Ion: 43 Resp: 272490

Ion Ratio Lower Upper

43 100

58 32.0 27.5 41.3

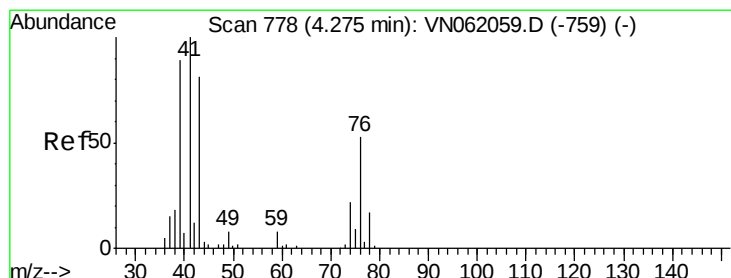
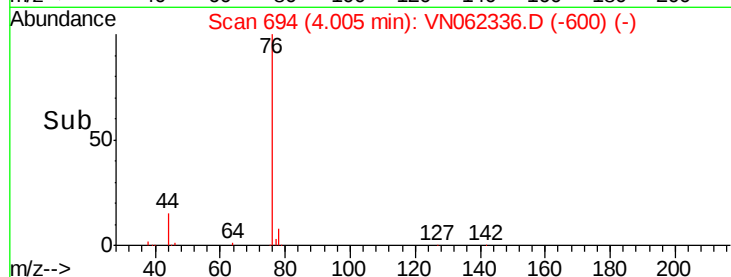
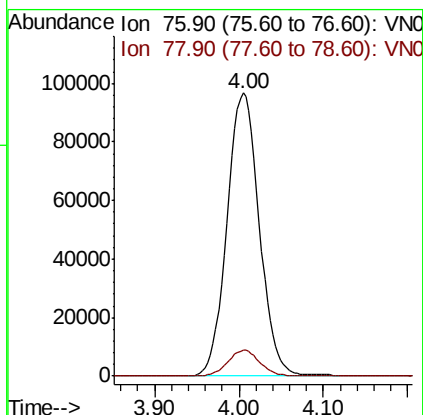
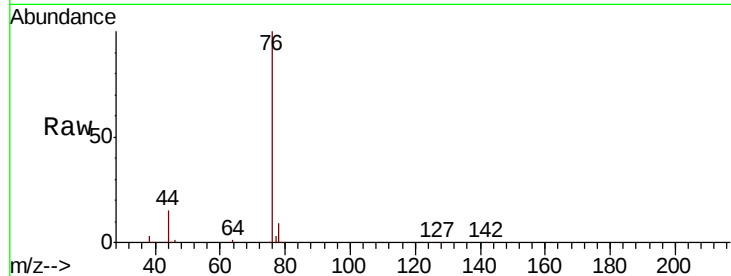




#17
Carbon Disulfide
Concen: 46.464 ug/l
RT: 4.00 min Scan# 694
Delta R.T. 0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

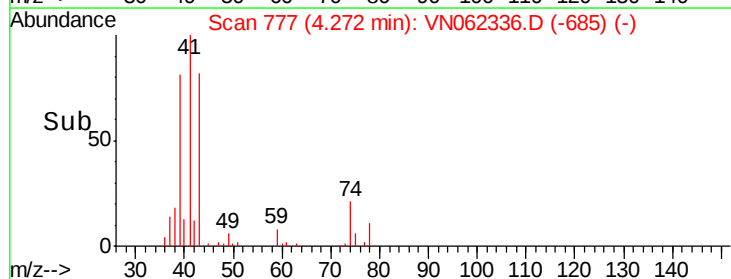
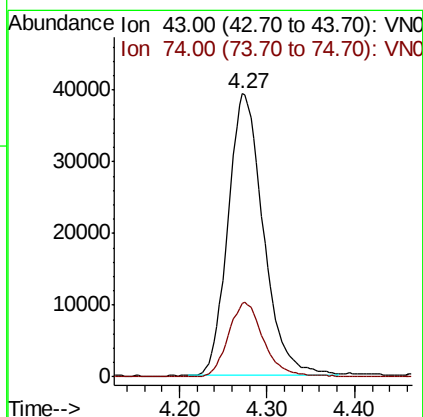
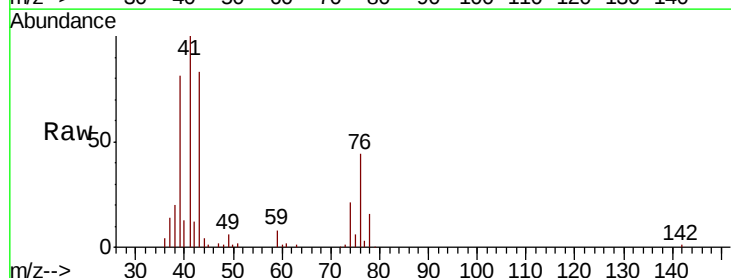
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

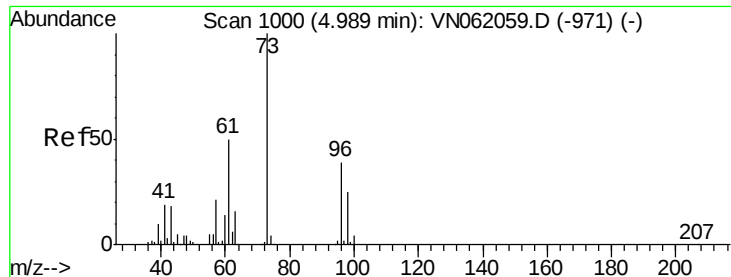
Tot Ion: 76 Resp: 257968
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8



#18
Methyl Acetate
Concen: 58.791 ug/l
RT: 4.27 min Scan# 777
Delta R.T. -0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

Tgt Ion: 43 Resp: 110725
Ion Ratio Lower Upper
43 100
74 26.4 22.9 34.3

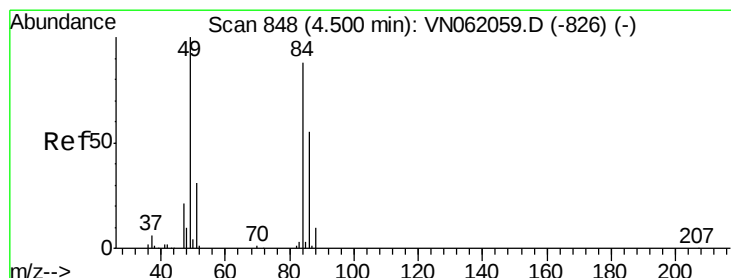
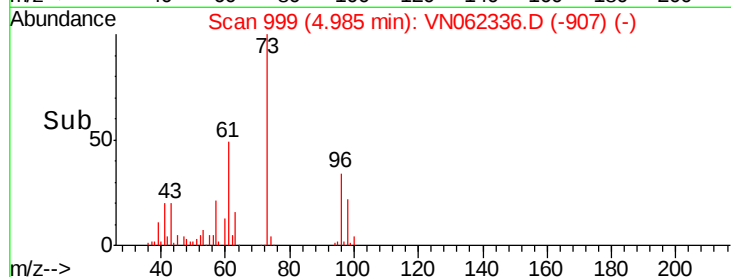
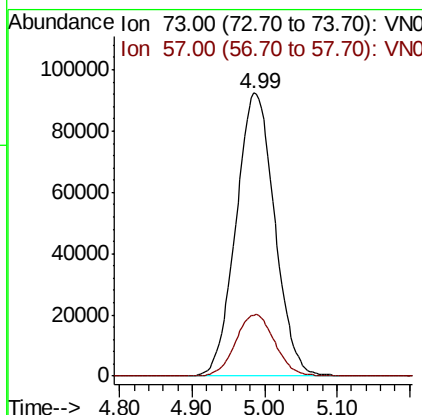
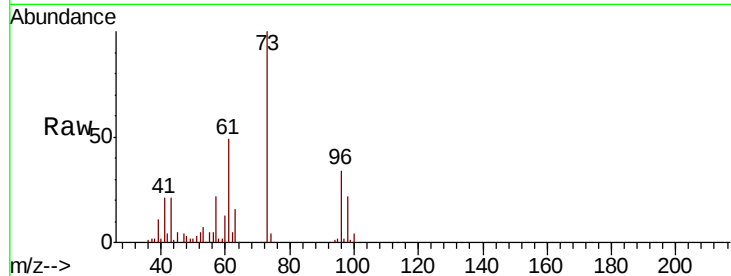




#19
Methvl tert-butvl Ether
Concen: 55.368 ug/l
RT: 4.99 min Scan# 999
Delta R.T. -0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

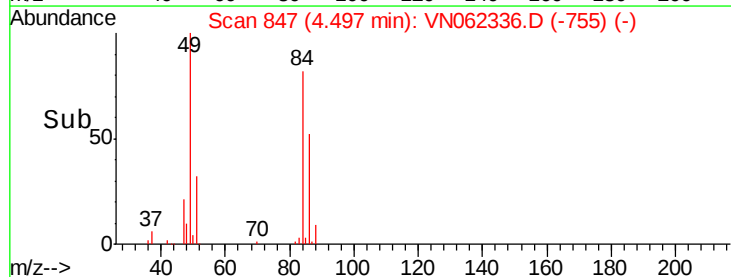
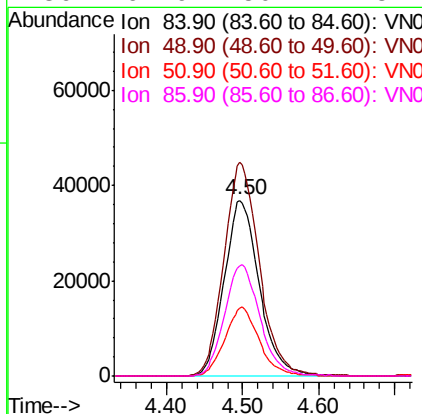
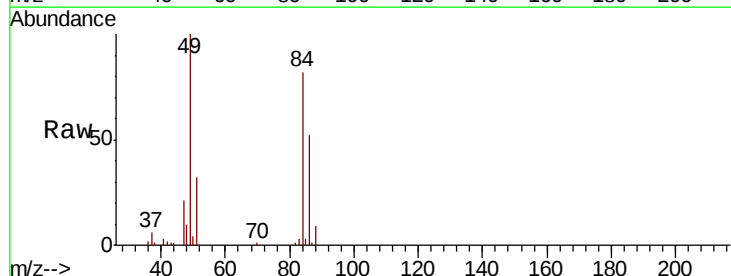
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

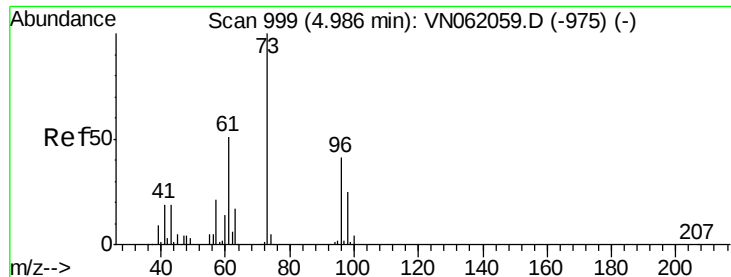
Tot Ion: 73 Resp: 342968
Ion Ratio Lower Upper
73 100
57 21.5 16.6 24.8



#20
Methylene Chloride
Concen: 54.277 ug/l
RT: 4.50 min Scan# 847
Delta R.T. -0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

Tgt Ion: 84 Resp: 118007
Ion Ratio Lower Upper
84 100
49 121.5 90.6 136.0
51 38.9 27.8 41.8
86 62.9 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 47.205 ug/l

RT: 4.98 min Scan# 998

Delta R.T. -0.00 min

Lab File: VN062336.D

Acq: 2 Jul 2020 16:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

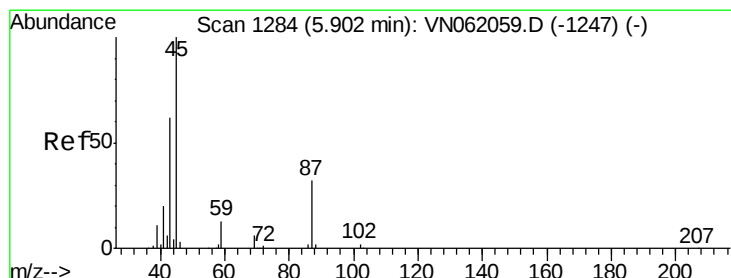
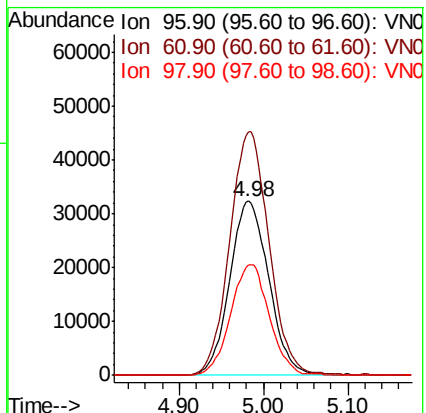
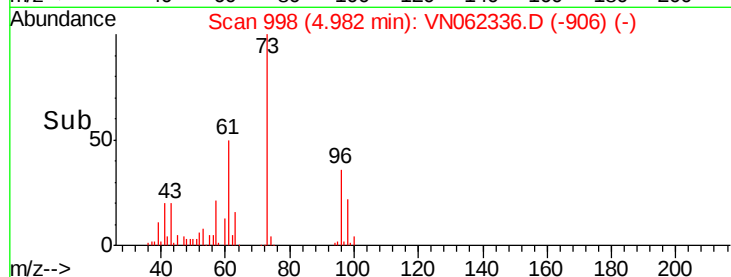
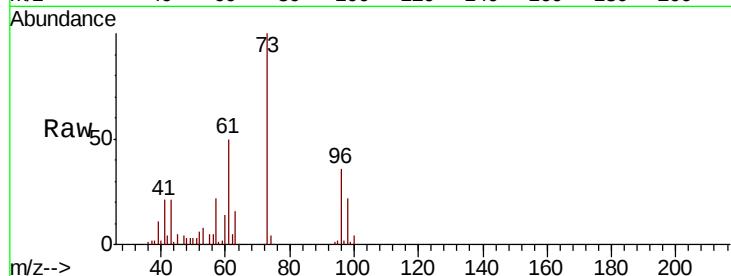
Tot Ion: 96 Resp: 104246

Ion Ratio Lower Upper

96 100

61 139.7 101.4 152.2

98 63.1 49.3 73.9



#22

Diisopropyl ether

Concen: 58.727 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VN062336.D

Acq: 2 Jul 2020 16:21

Tgt Ion: 45 Resp: 352910

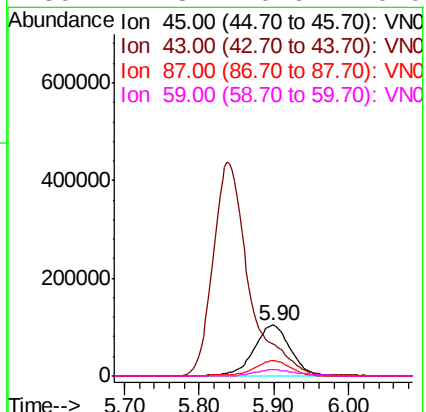
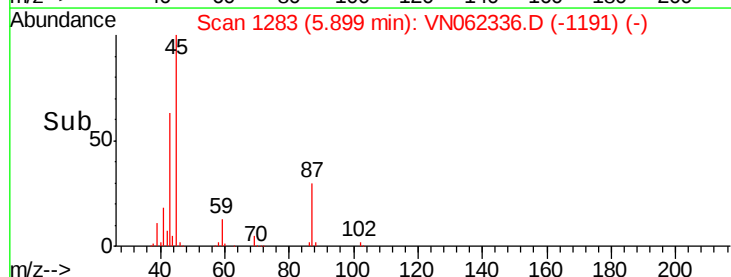
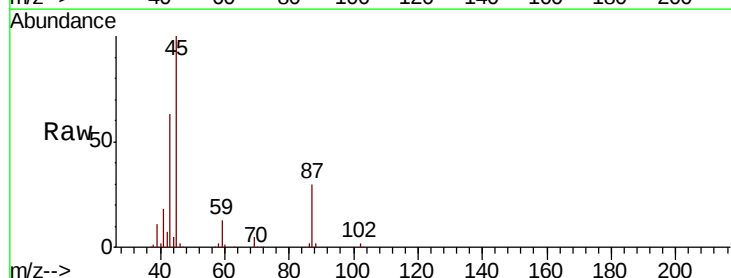
Ion Ratio Lower Upper

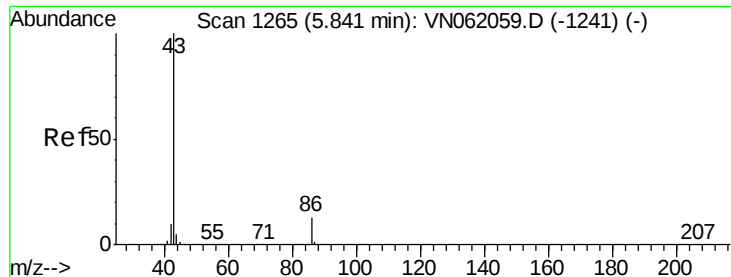
45 100

43 61.4 49.7 74.5

87 29.7 25.9 38.9

59 12.3 10.6 16.0





#23

Vinyl Acetate

Concen: 298.667 ug/l

RT: 5.84 min Scan# 1264

Delta R.T. -0.00 min

Lab File: VN062336.D

Acq: 2 Jul 2020 16:21

Instrument :

MSVOA_N

ClientSampleId :

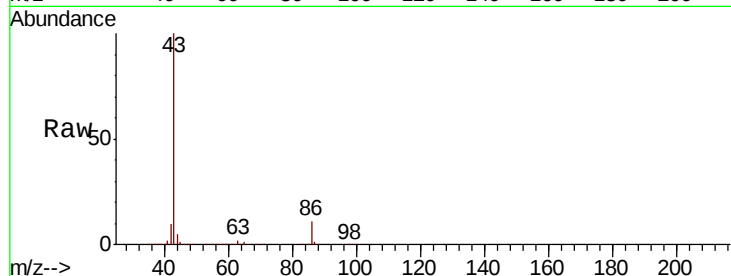
VSTDCCC050

Tot Ion: 43 Resp: 1465351

Ion Ratio Lower Upper

43 100

86 11.2 10.1 15.1



Abundance Ion 43.00 (42.70 to 43.70): VN062059.D (-1241) (-)

Ion 86.00 (85.70 to 86.70): VN062059.D (-1241) (-)

5.84

400000

300000

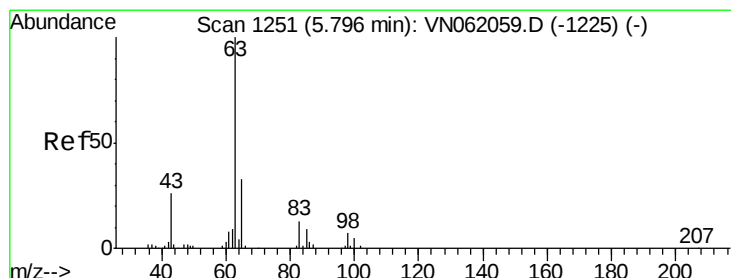
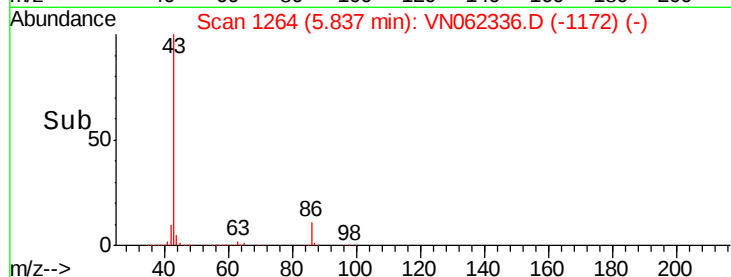
200000

100000

0

5.80 6.00

Time-->



#24

1,1-Dichloroethane

Concen: 53.605 ug/l

RT: 5.79 min Scan# 1250

Delta R.T. -0.00 min

Lab File: VN062336.D

Acq: 2 Jul 2020 16:21

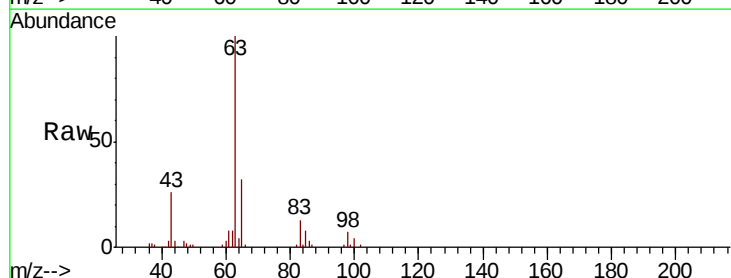
Tgt Ion: 63 Resp: 207433

Ion Ratio Lower Upper

63 100

98 6.6 3.6 10.9

100 4.4 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VN062059.D (-1225) (-)

Ion 97.90 (97.60 to 98.60): VN062059.D (-1225) (-)

Ion 99.90 (99.60 to 100.60): VN062059.D (-1225) (-)

5.79

80000

60000

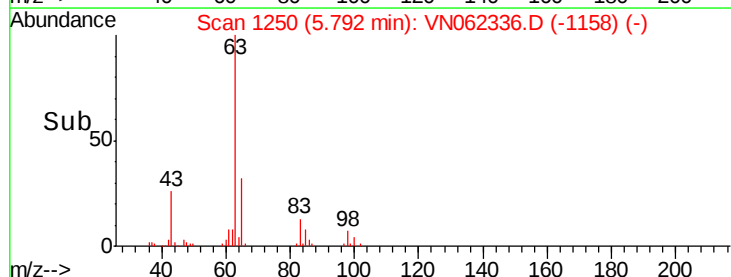
40000

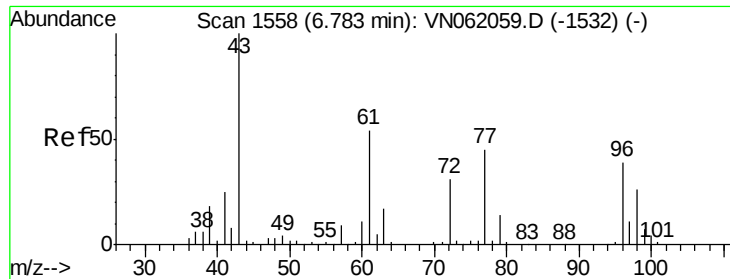
20000

0

5.70 5.80 5.90

Time-->





#25

2-Butanone

Concen: 305.226 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. -0.00 min

Lab File: VN062336.D

Acq: 2 Jul 2020 16:21

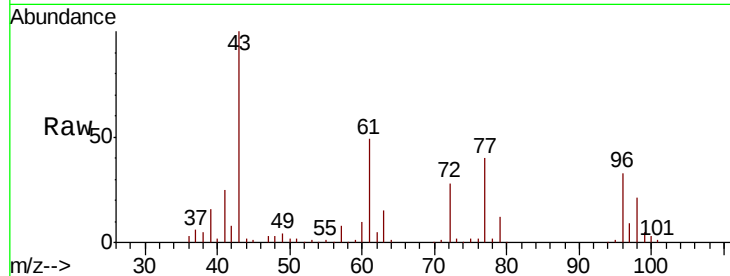
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 353459

Ion Ratio Lower Upper

43 100

72 28.3 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VN062059.D (-1532) (-)

Ion 72.00 (71.70 to 72.70): VN062059.D (-1532) (-)

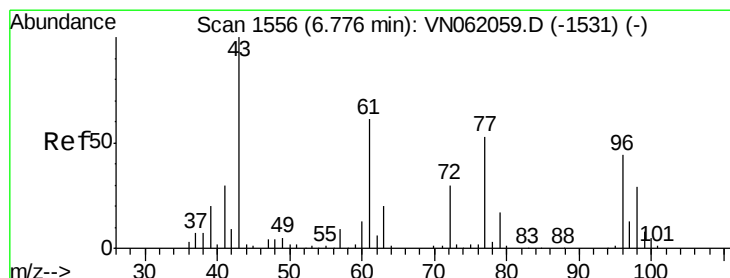
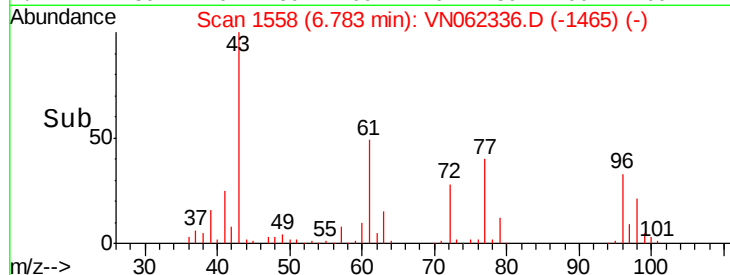
6.78

100000

50000

0

Time--> 6.65 6.70 6.75 6.80 6.85



#26

2,2-Dichloropropane

Concen: 54.992 ug/l

RT: 6.77 min Scan# 1554

Delta R.T. -0.01 min

Lab File: VN062336.D

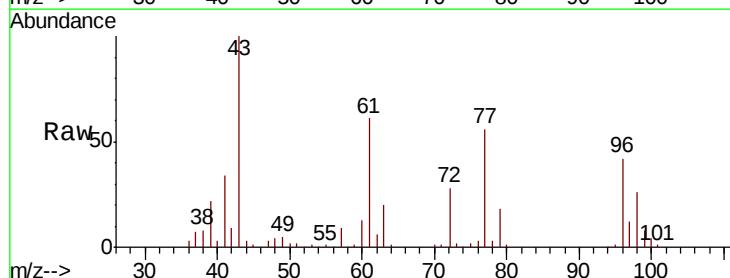
Acq: 2 Jul 2020 16:21

Tgt Ion: 77 Resp: 177329

Ion Ratio Lower Upper

77 100

97 21.8 11.8 35.3



Abundance Ion 76.90 (76.60 to 77.60): VN062059.D (-1531) (-)

Ion 96.90 (96.60 to 97.60): VN062059.D (-1531) (-)

6.77

60000

50000

40000

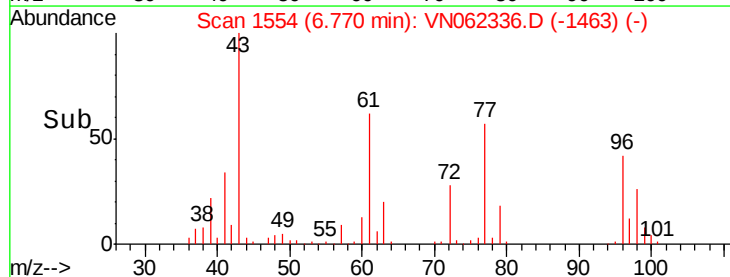
30000

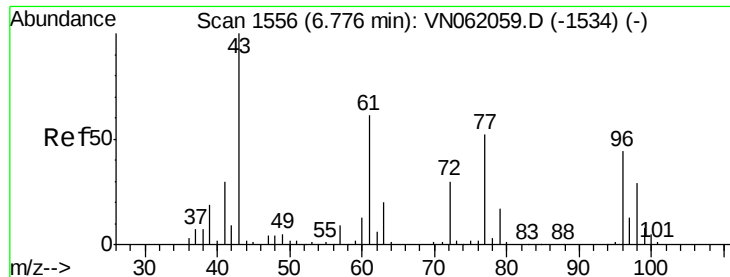
20000

10000

0

Time--> 6.70 6.80 6.90





#27

cis-1,2-Dichloroethene

Concen: 51.555 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.00 min

Lab File: VN062336.D

Acq: 2 Jul 2020 16:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

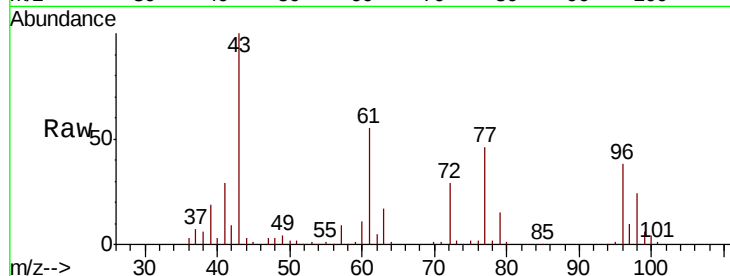
Tot Ion: 96 Resp: 128112

Ion Ratio Lower Upper

96 100

61 147.7 0.0 280.4

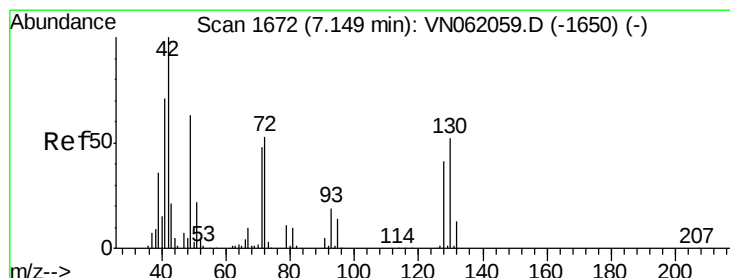
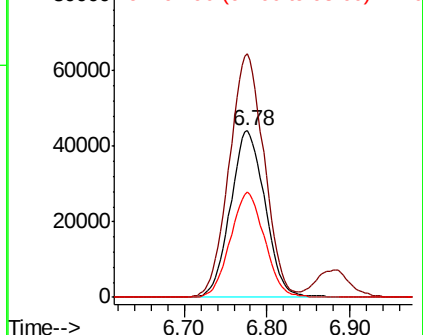
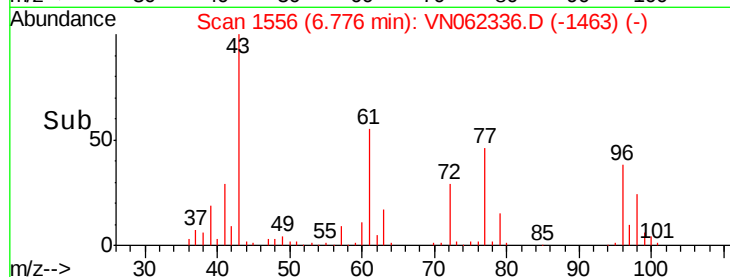
98 62.5 0.0 129.4



Abundance Ion 95.90 (95.60 to 96.60): VN062336.D (-1463) (-)

Ion 60.90 (60.60 to 61.60): VN062336.D (-1463) (-)

Ion 97.90 (97.60 to 98.60): VN062336.D (-1463) (-)



#28

Bromochloromethane

Concen: 55.652 ug/l

RT: 7.15 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VN062336.D

Acq: 2 Jul 2020 16:21

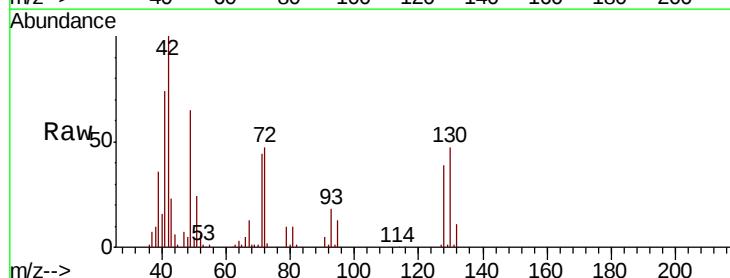
Tgt Ion: 49 Resp: 93439

Ion Ratio Lower Upper

49 100

129 1.6 0.0 4.4

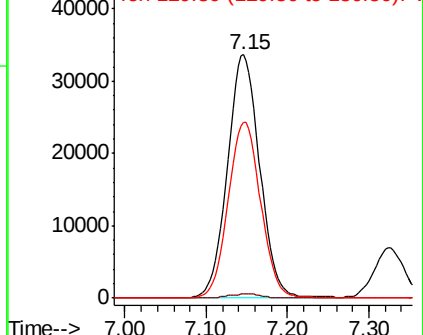
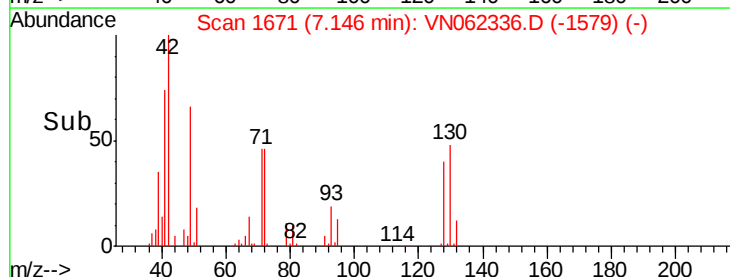
130 72.4 65.5 98.3

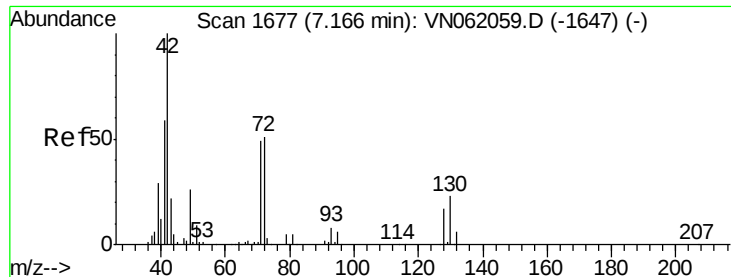


Abundance Ion 48.90 (48.60 to 49.60): VN062336.D (-1579) (-)

Ion 128.80 (128.50 to 129.50): VN062336.D (-1579) (-)

Ion 129.80 (129.50 to 130.50): VN062336.D (-1579) (-)

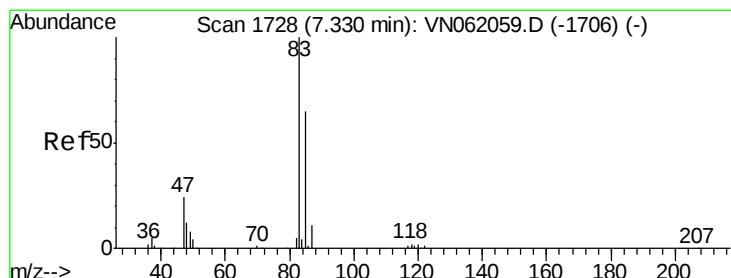
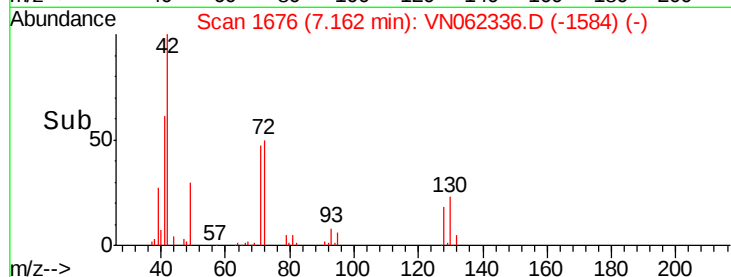
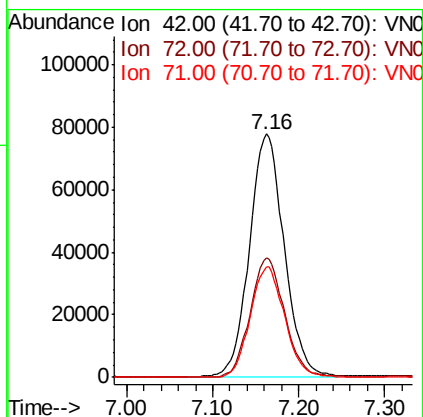
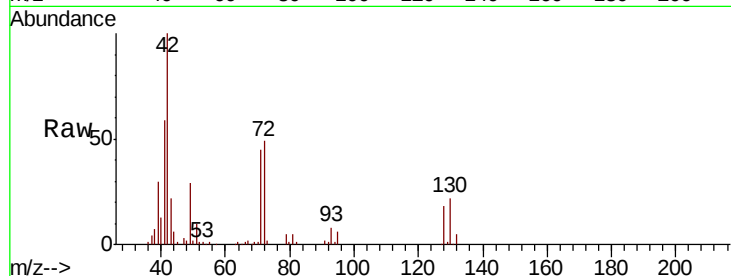




#29
Tetrahydrofuran
Concen: 290.651 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. -0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

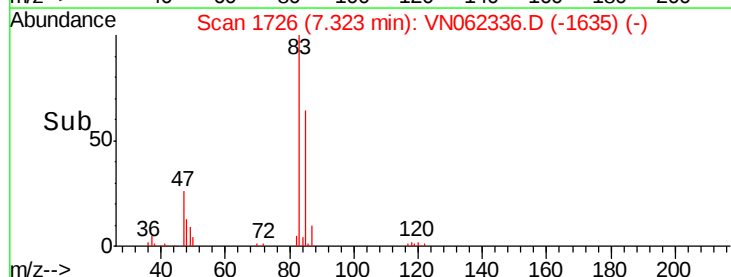
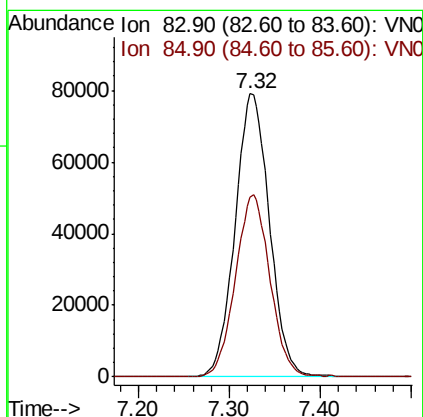
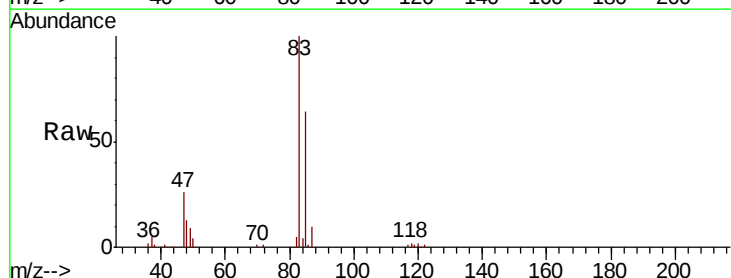
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

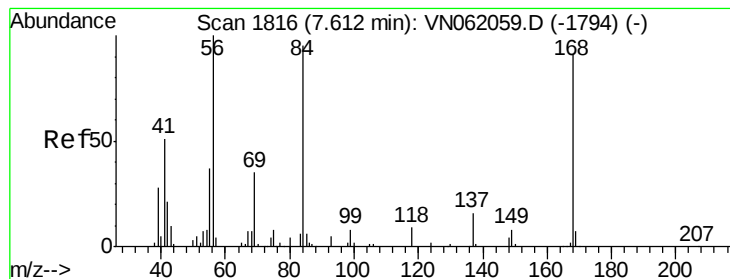
Tot Ion: 42 Resp: 220477
Ion Ratio Lower Upper
42 100
72 48.4 41.1 61.7
71 44.7 38.2 57.4



#30
Chloroform
Concen: 52.676 ug/l
RT: 7.32 min Scan# 1726
Delta R.T. -0.01 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

Tgt Ion: 83 Resp: 207390
Ion Ratio Lower Upper
83 100
85 63.6 52.3 78.5





#31

Cyclohexane

Concen: 52.100 ug/l

RT: 7.61 min Scan# 1815

Delta R.T. -0.00 min

Lab File: VN062336.D

Acq: 2 Jul 2020 16:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

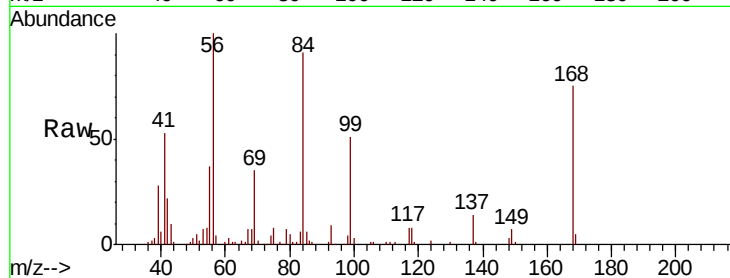
Tot Ion: 56 Resp: 170536

Ion Ratio Lower Upper

56 100

69 34.5 28.0 42.0

84 90.2 76.1 114.1

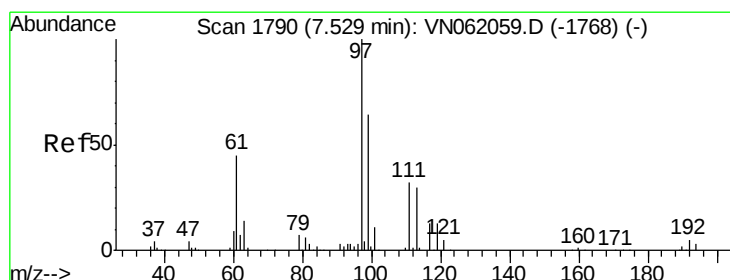
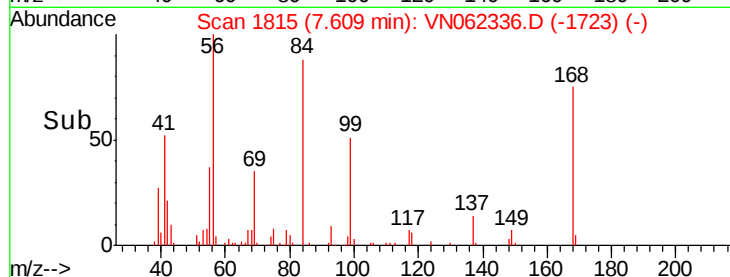
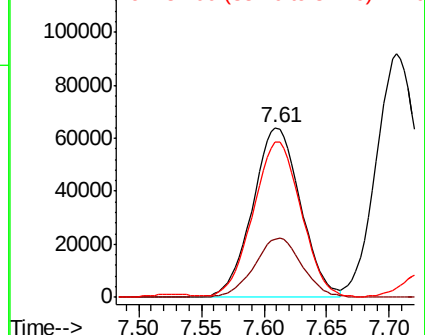


Abundance

Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 50.661 ug/l

RT: 7.53 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VN062336.D

Acq: 2 Jul 2020 16:21

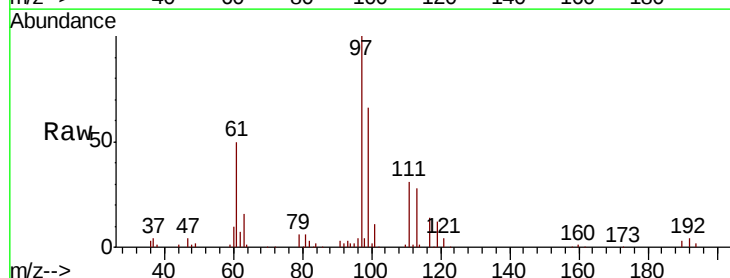
Tgt Ion: 97 Resp: 168207

Ion Ratio Lower Upper

97 100

99 64.4 51.0 76.4

61 48.9 36.2 54.2

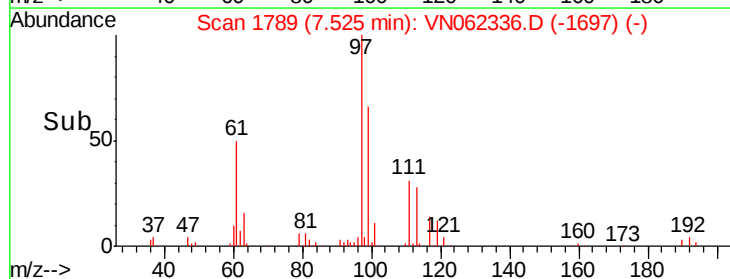
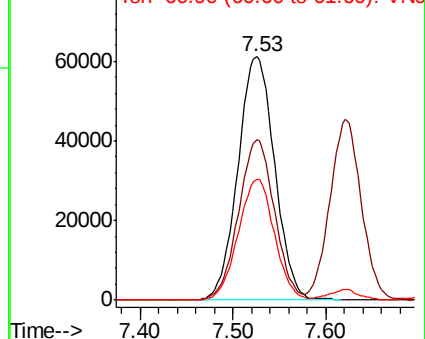


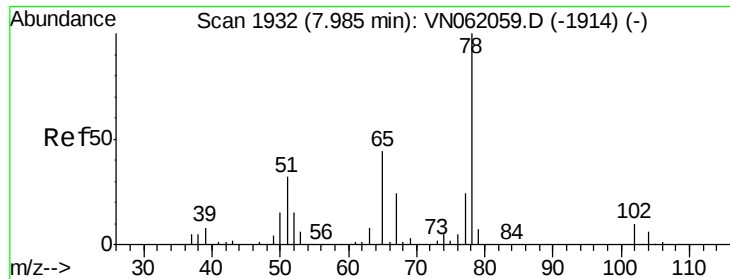
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

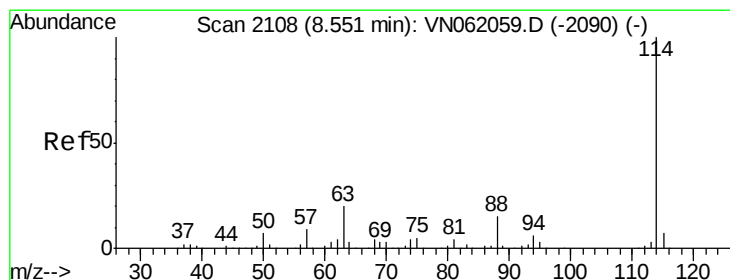
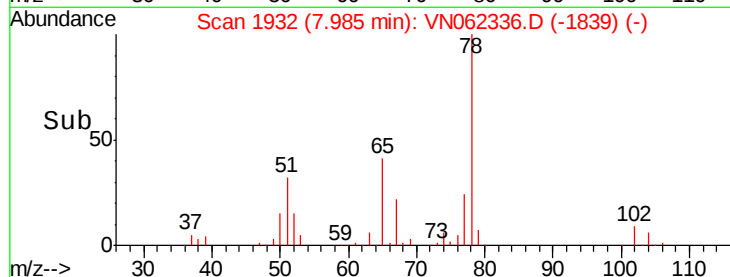
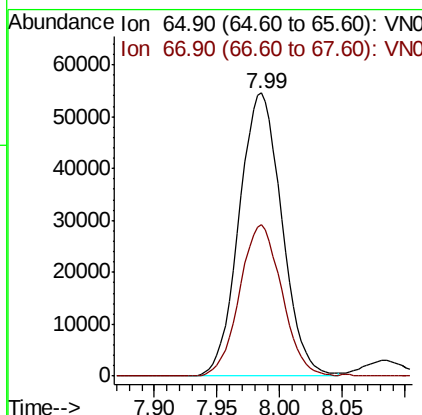
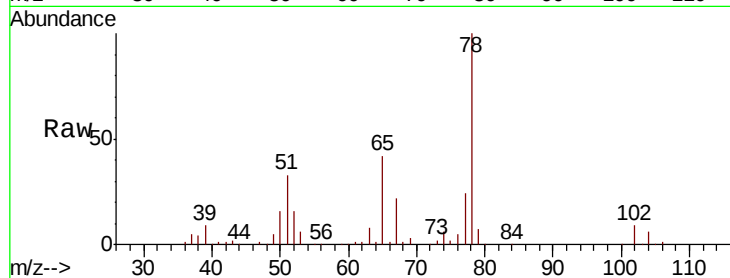




#33
 1,2-Dichloroethane-d4
 Concen: 54.558 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062336.D
 Acq: 2 Jul 2020 16:21

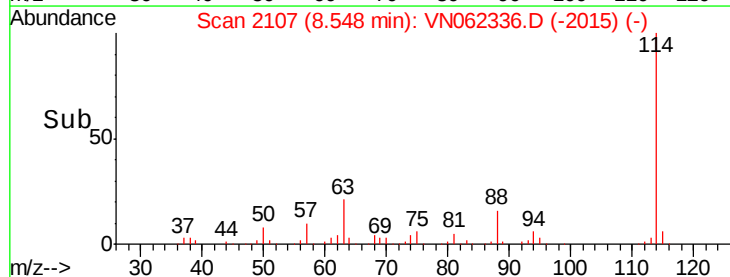
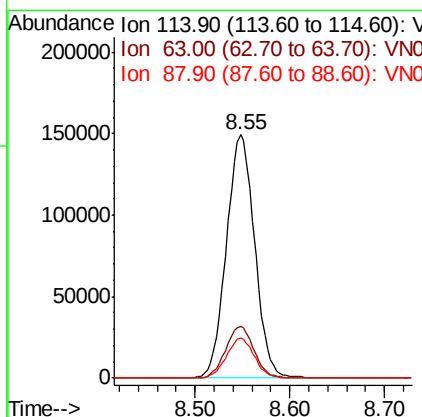
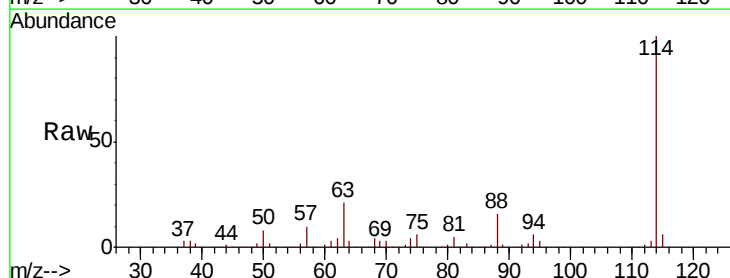
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

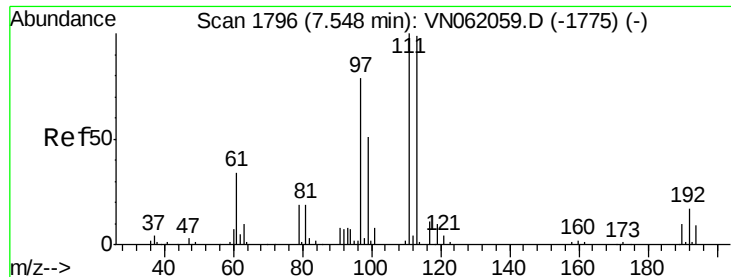
Tot Ion: 65 Resp: 129257
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062336.D
 Acq: 2 Jul 2020 16:21

Tgt Ion: 114 Resp: 310373
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 39.2
 88 16.4 0.0 30.8

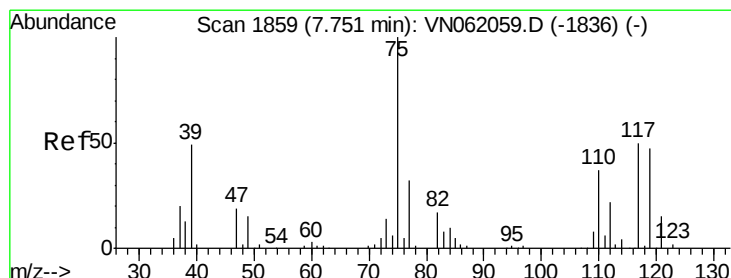
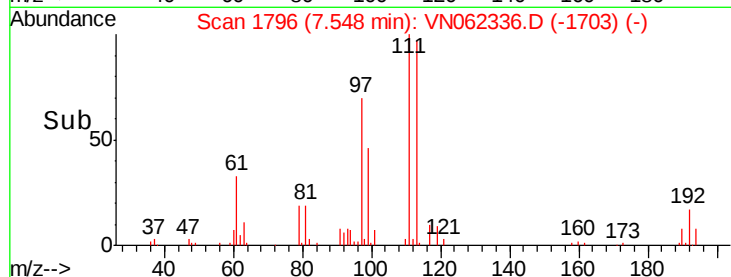
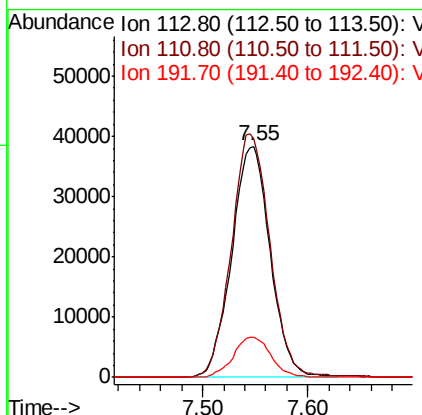
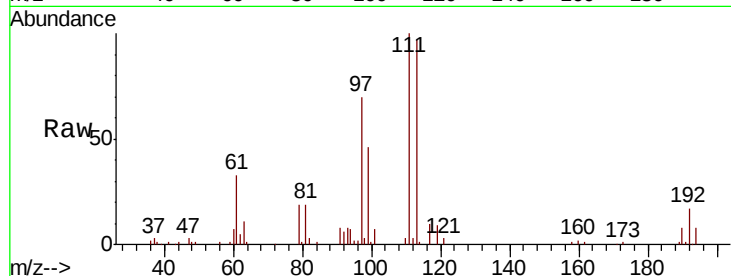




#35
Dibromofluoromethane
Concen: 48.770 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

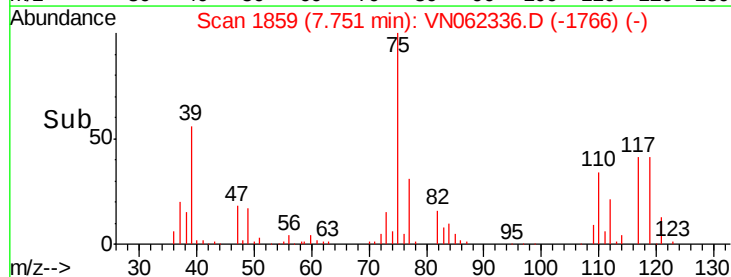
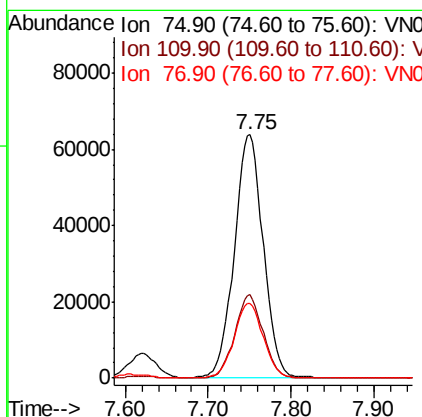
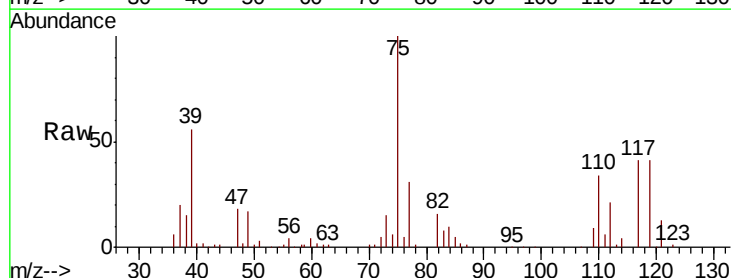
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

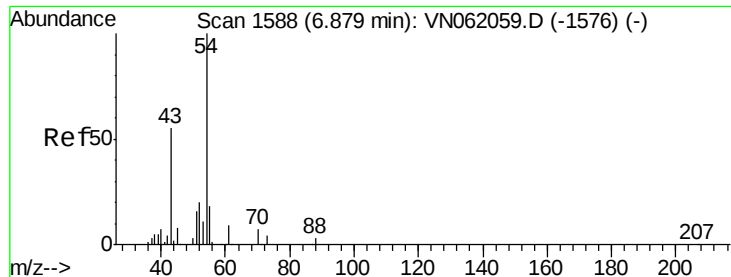
Tot Ion:113 Resp: 97111
Ion Ratio Lower Upper
113 100
111 106.2 82.2 123.4
192 16.9 14.0 21.0



#36
1,1-Dichloropropene
Concen: 49.864 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

Tgt Ion: 75 Resp: 155561
Ion Ratio Lower Upper
75 100
110 33.3 17.9 53.8
77 31.1 24.9 37.3

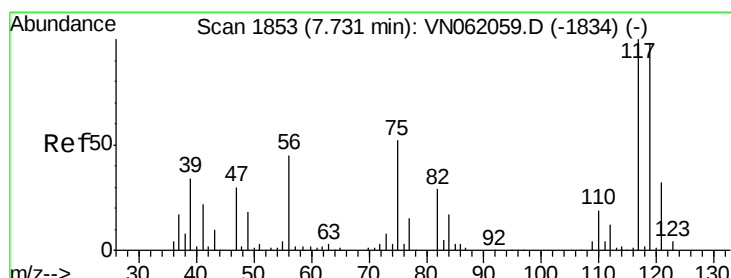
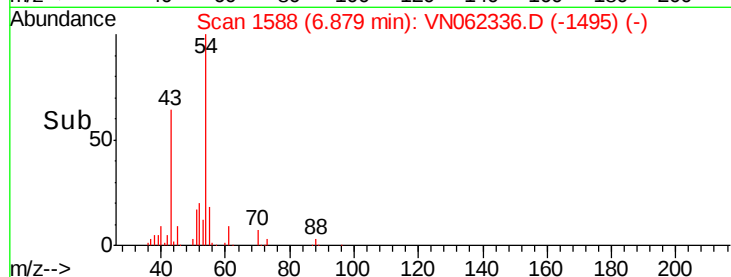
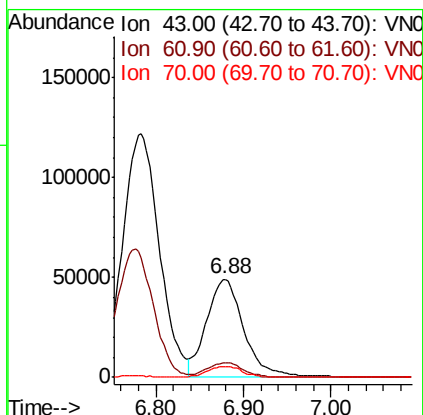
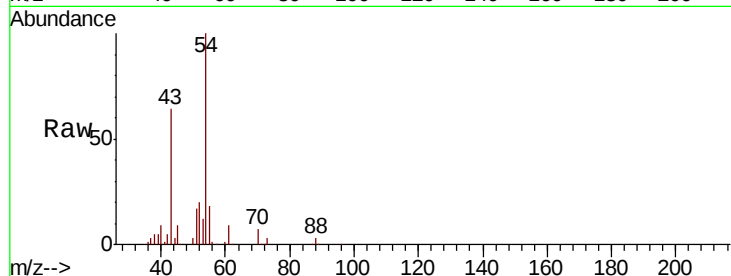




#37
Ethyl Acetate
Concen: 55.555 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

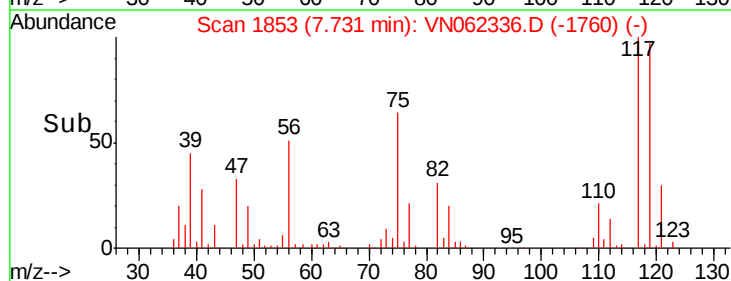
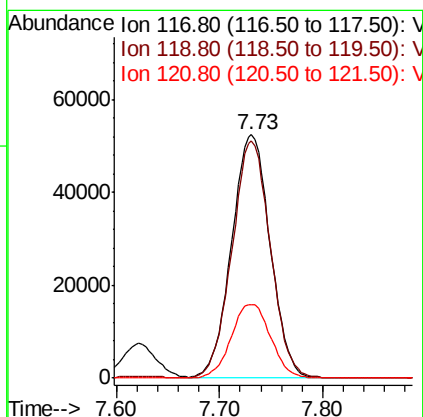
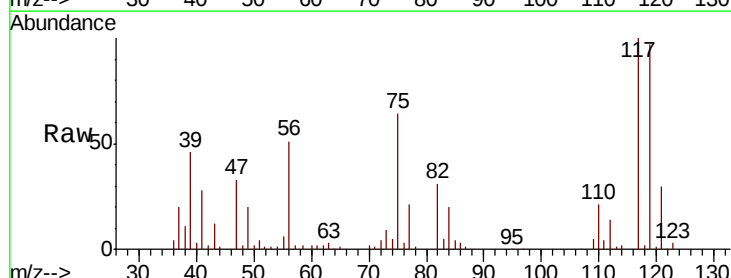
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

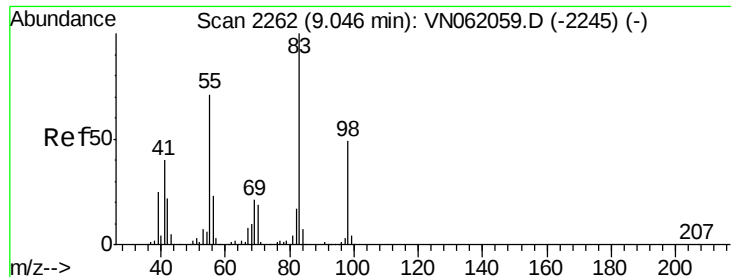
Tot Ion: 43 Resp: 143514
Ion Ratio Lower Upper
43 100
61 14.2 12.0 18.0
70 10.6 9.6 14.4



#38
Carbon Tetrachloride
Concen: 46.482 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

Tgt Ion: 117 Resp: 136714
Ion Ratio Lower Upper
117 100
119 97.4 78.2 117.2
121 30.4 25.8 38.6

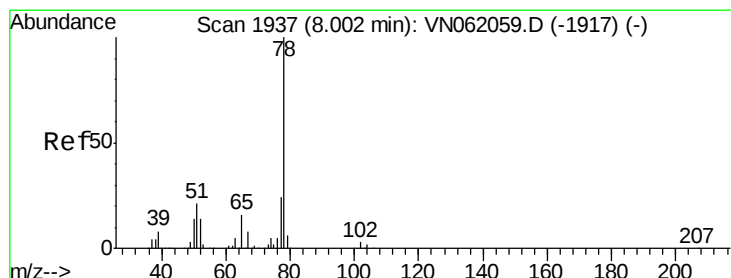
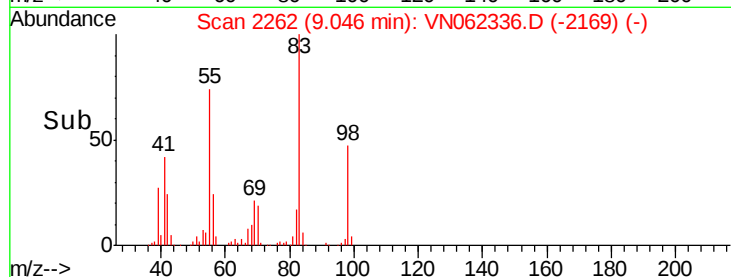
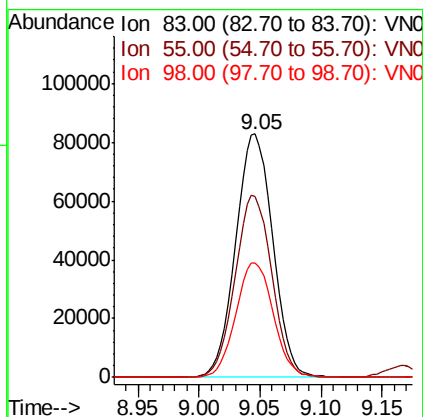
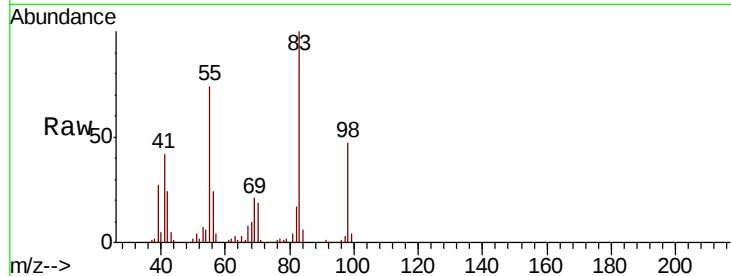




#39
Methvlcvclohexane
Concen: 51.061 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

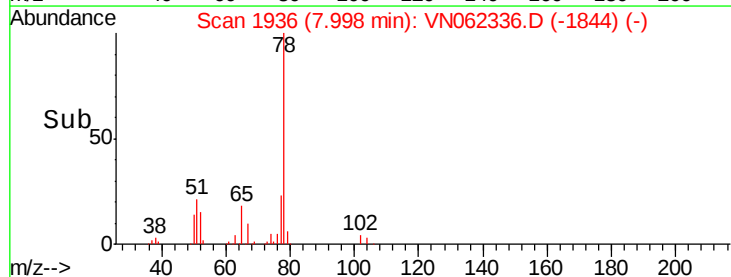
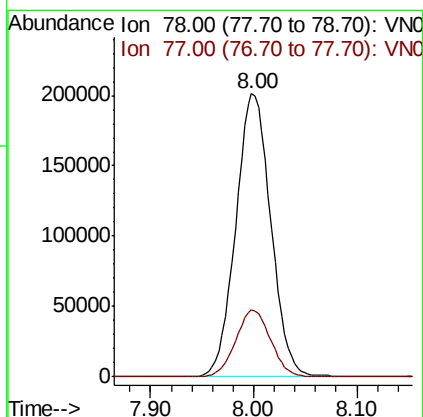
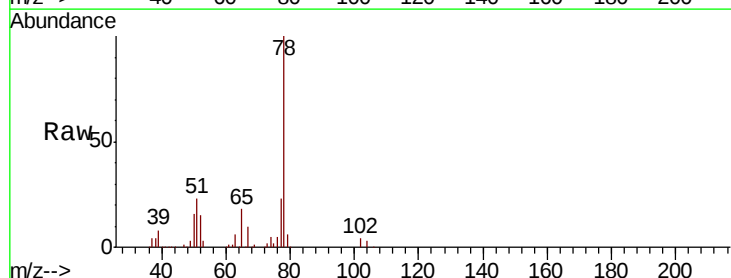
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

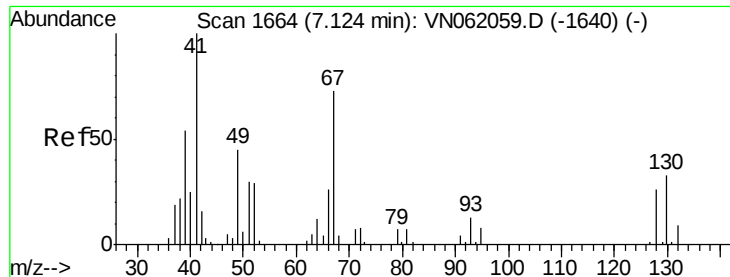
Tot Ion: 83 Resp: 174537
Ion Ratio Lower Upper
83 100
55 74.2 57.0 85.6
98 47.2 39.0 58.6



#40
Benzene
Concen: 49.962 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

Tgt Ion: 78 Resp: 475074
Ion Ratio Lower Upper
78 100
77 23.5 19.5 29.3

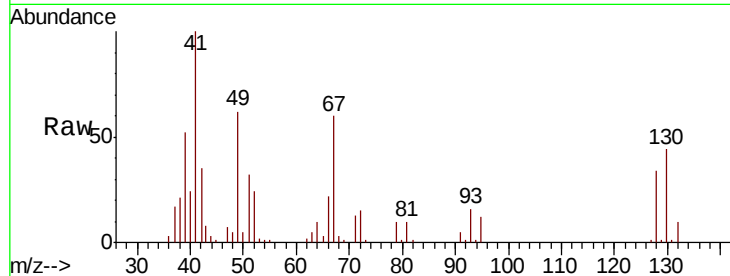




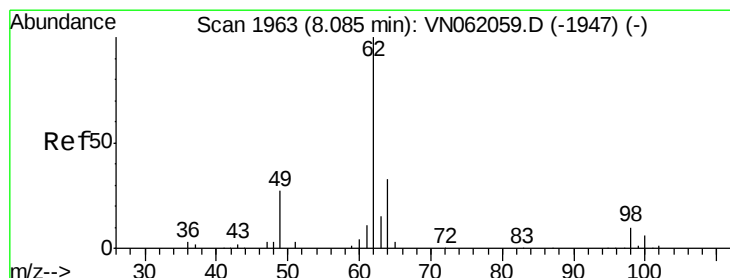
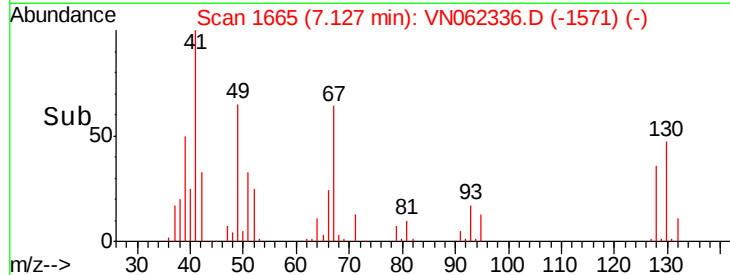
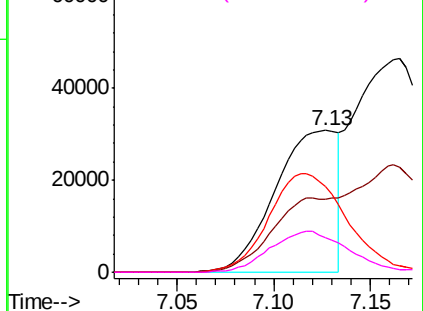
#41
Methacrylonitrile
Concen: 57.935 ug/l
RT: 7.13 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	69384
Ion	Ratio	Lower	Upper
41	100		
39	45.0	44.2	66.2
67	87.3	79.5	119.3
52	36.9	32.3	48.5

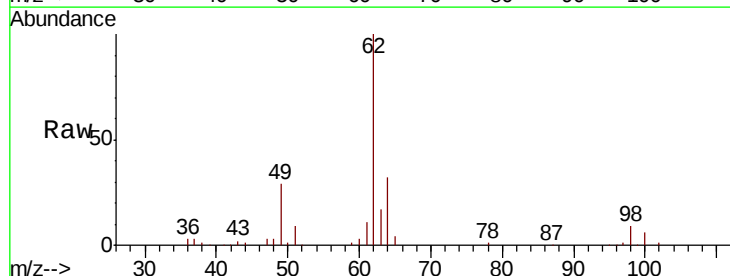


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

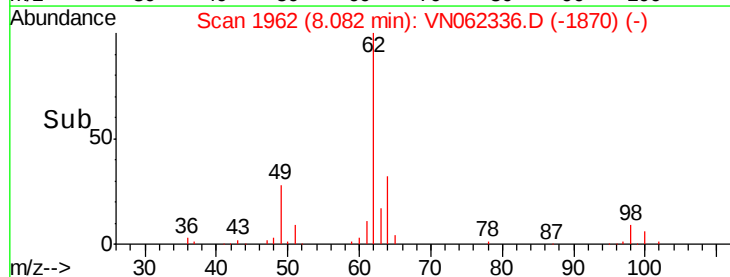
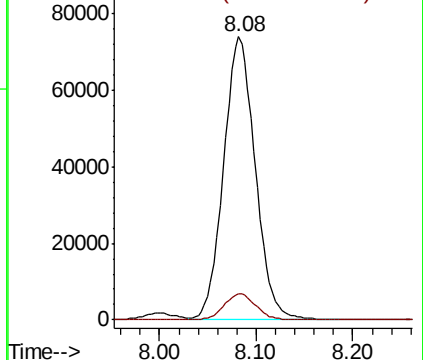


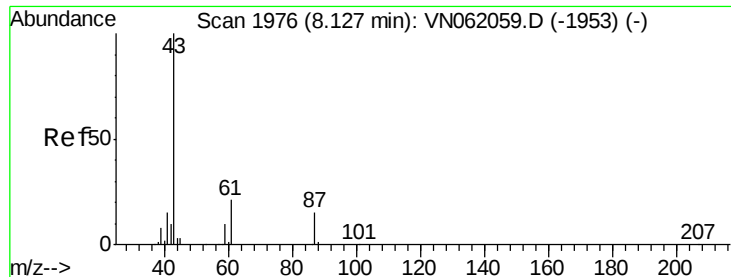
#42
1,2-Dichloroethane
Concen: 52.353 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

Tgt Ion:	62	Resp:	168191
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	19.8



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 97.90 (97.60 to 98.60): VNO





#43

Isopropyl Acetate

Concen: 56.321 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN062336.D

Acq: 2 Jul 2020 16:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

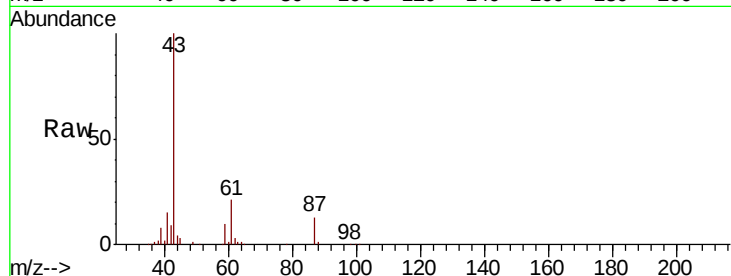
Tot Ion: 43 Resp: 237179

Ion Ratio Lower Upper

43 100

61 28.5 17.2 25.8#

87 13.8 12.1 18.1

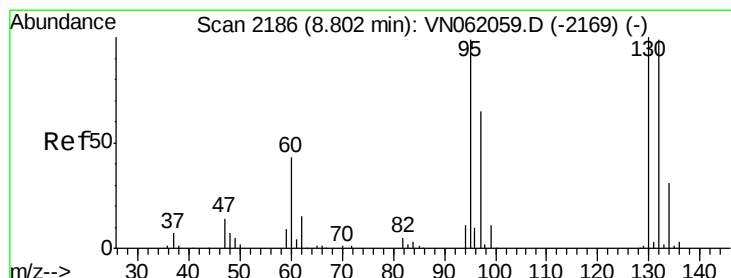
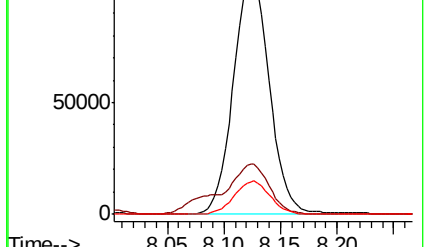
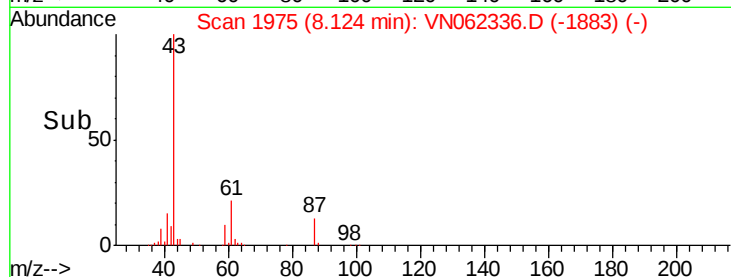


Abundance Ion 43.00 (42.70 to 43.70): VN062059.D (-1953) (-)

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

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

8.12



#44

Trichloroethene

Concen: 46.068 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN062336.D

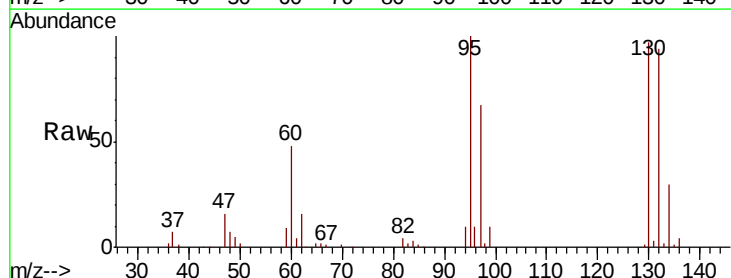
Acq: 2 Jul 2020 16:21

Tgt Ion:130 Resp: 110500

Ion Ratio Lower Upper

130 100

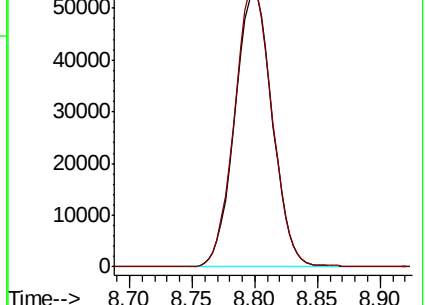
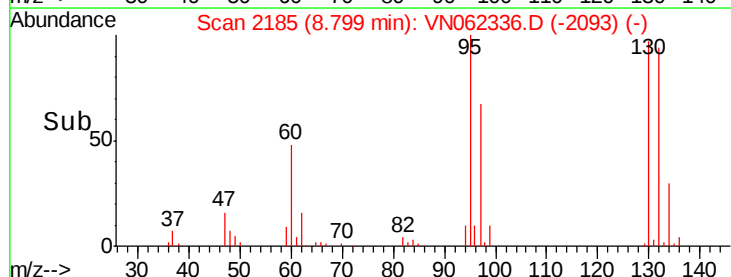
95 103.1 0.0 197.8

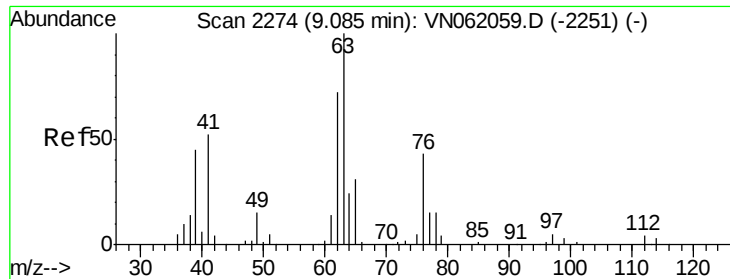


Abundance Ion 129.80 (129.50 to 130.50): VN062059.D (-2169) (-)

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

8.80





#45

1,2-Dichloropropane

Concen: 53.403 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. -0.00 min

Lab File: VN062336.D

Acq: 2 Jul 2020 16:21

Instrument :

MSVOA_N

ClientSampleId :

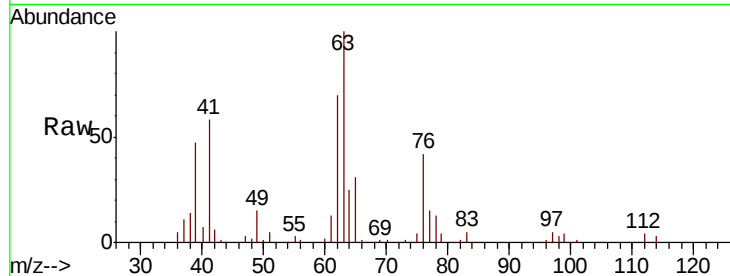
VSTDCCC050

Tot Ion: 63 Resp: 125276

Ion Ratio Lower Upper

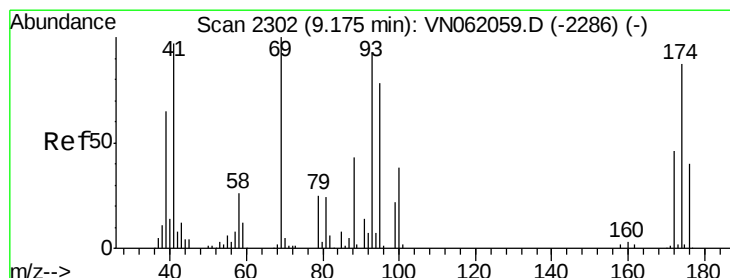
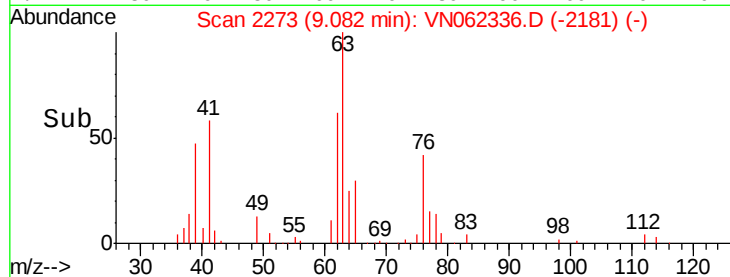
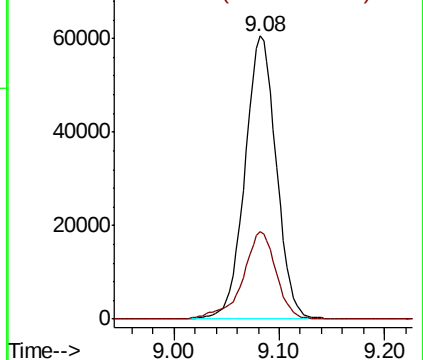
63 100

65 30.9 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 49.676 ug/l

RT: 9.17 min Scan# 2301

Delta R.T. -0.00 min

Lab File: VN062336.D

Acq: 2 Jul 2020 16:21

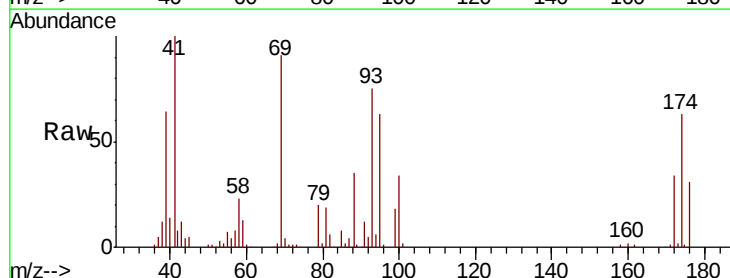
Tgt Ion: 93 Resp: 79010

Ion Ratio Lower Upper

93 100

95 84.2 67.0 100.6

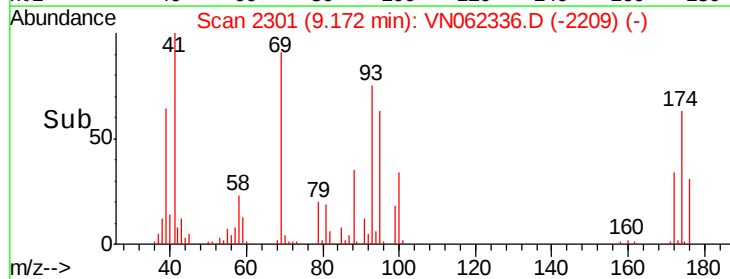
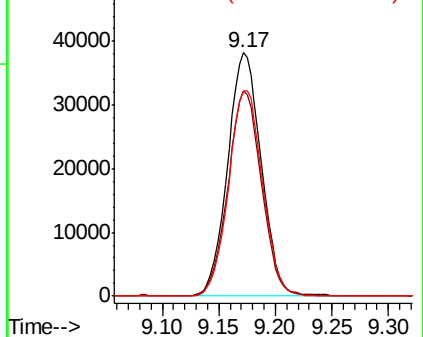
174 85.3 74.4 111.6

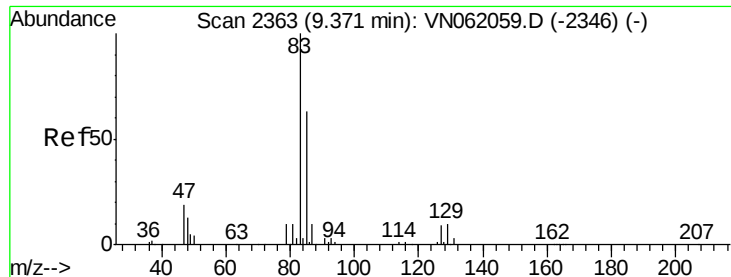


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

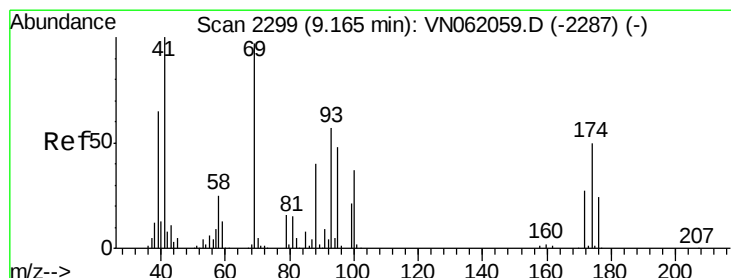
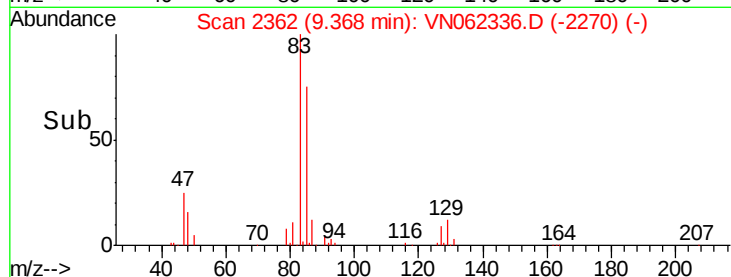
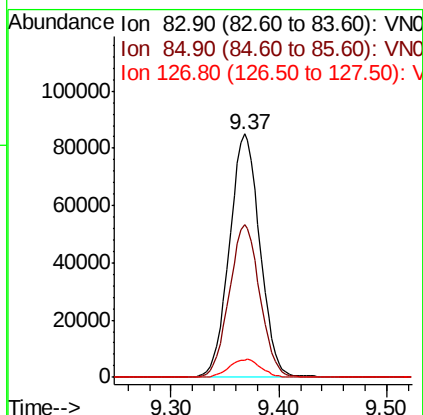
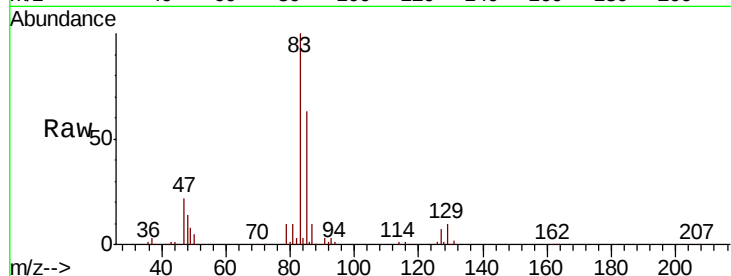




#47
Bromodichloromethane
Concen: 52.195 ug/l
RT: 9.37 min Scan# 2362
Delta R.T. -0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

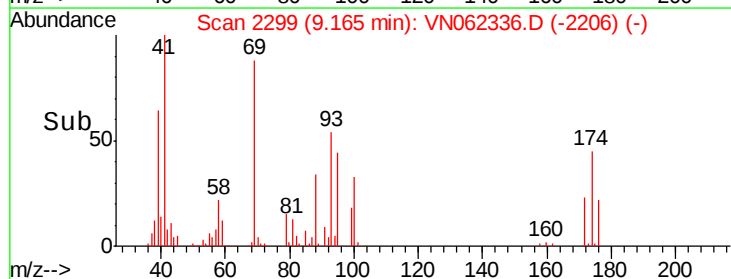
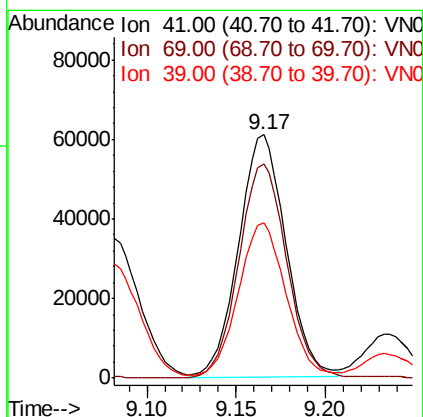
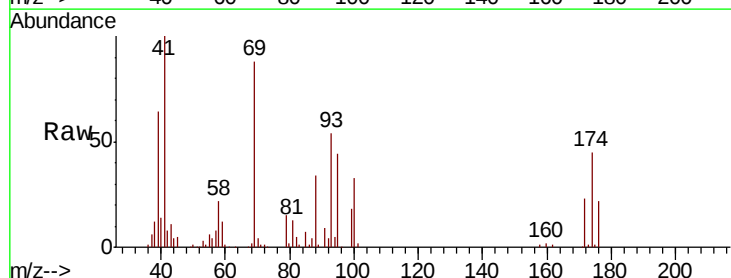
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

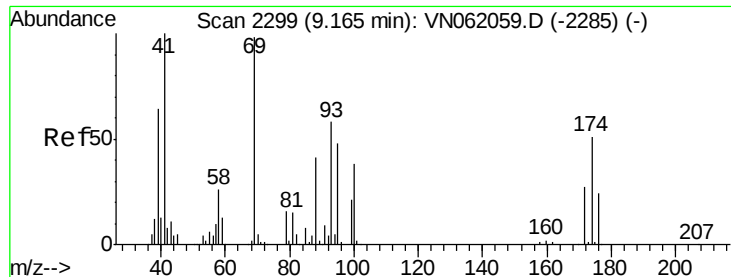
Tot Ion: 83 Resp: 167623
Ion Ratio Lower Upper
83 100
85 63.0 50.3 75.5
127 7.3 6.9 10.3



#48
Methyl methacrylate
Concen: 60.055 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

Tgt Ion: 41 Resp: 113394
Ion Ratio Lower Upper
41 100
69 89.4 80.7 121.1
39 64.6 54.5 81.7





#49

1,4-Dioxane

Concen: 1042.661 ug/l

RT: 9.16 min Scan# 2298

Delta R.T. -0.00 min

Lab File: VN062336.D

Acq: 2 Jul 2020 16:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

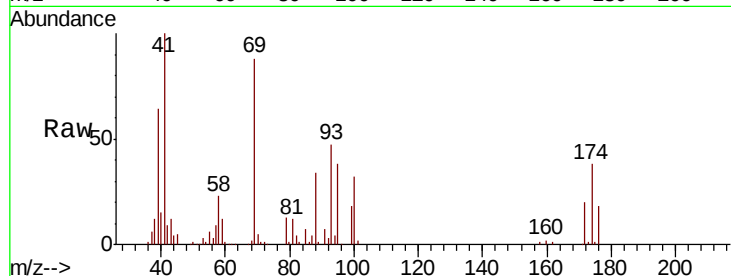
Tot Ion: 88 Resp: 43659

Ion Ratio Lower Upper

88 100

43 33.2 22.0 33.0#

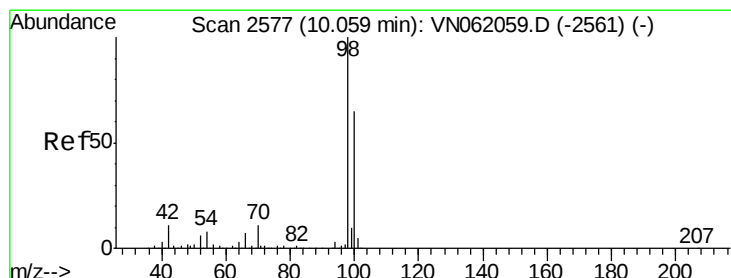
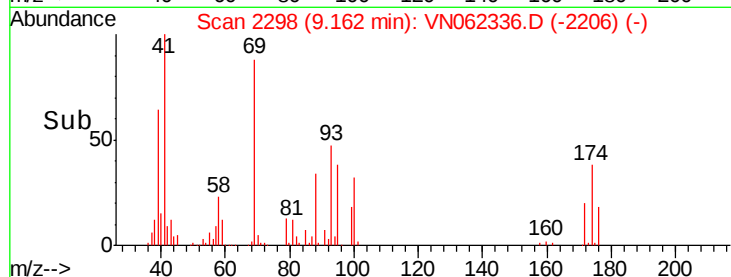
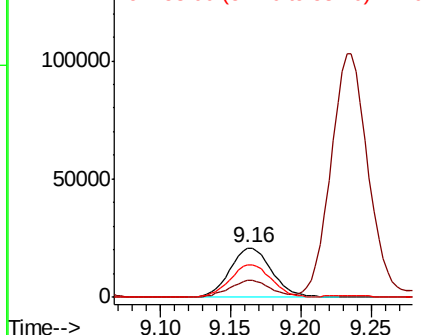
58 65.2 49.2 73.8



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: 50.197 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062336.D

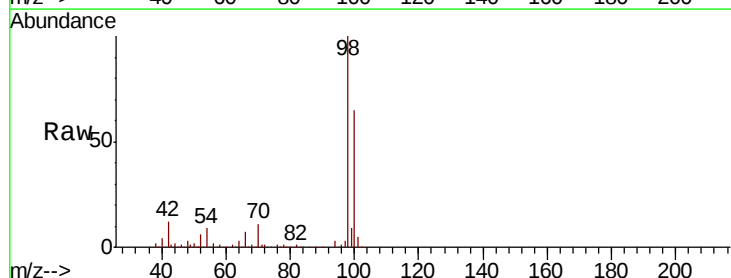
Acq: 2 Jul 2020 16:21

Tgt Ion: 98 Resp: 399544

Ion Ratio Lower Upper

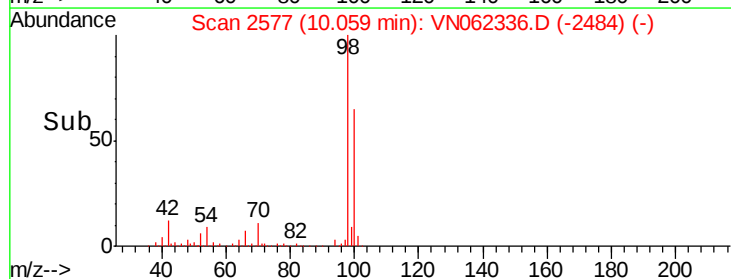
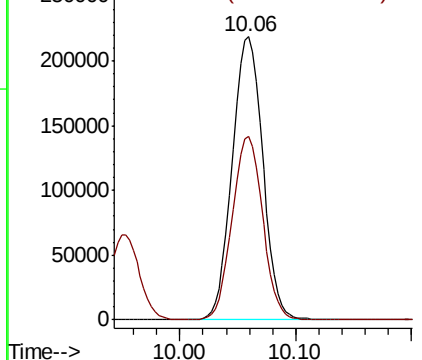
98 100

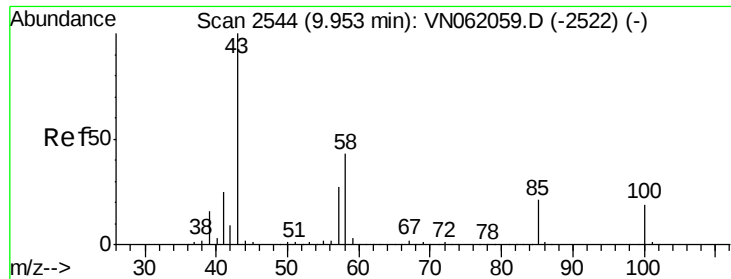
100 64.4 51.2 76.8



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: 292.732 ug/l

RT: 9.95 min Scan# 2543

Delta R.T. -0.00 min

Lab File: VN062336.D

Acq: 2 Jul 2020 16:21

Instrument :

MSVOA_N

ClientSampleId :

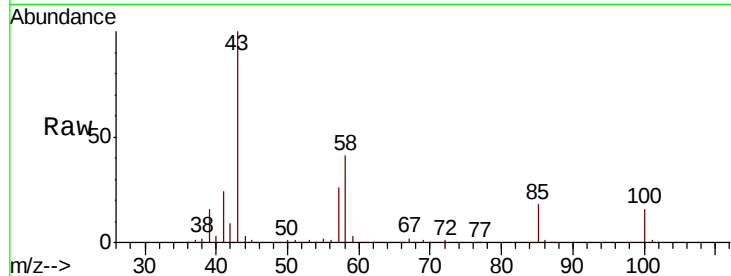
VSTDCCC050

Tot Ion: 43 Resp: 720243

Ion Ratio Lower Upper

43 100

58 41.0 34.2 51.2



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

Ion 58.00 (57.70 to 58.70): VN062059.D (-2522) (-)

9.95

400000

300000

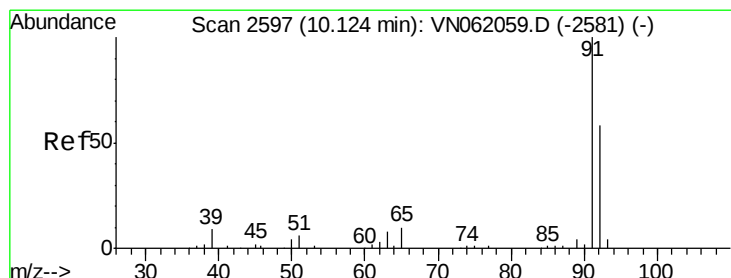
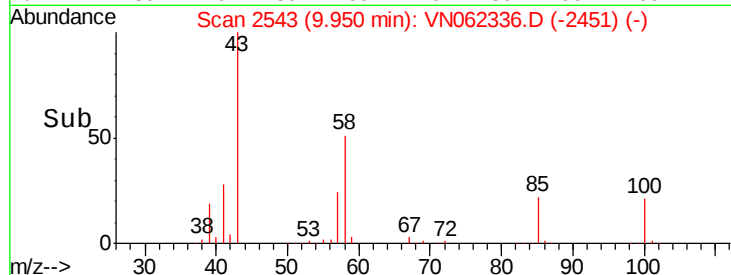
200000

100000

0

9.90 10.00

Time-->



#52

Toluene

Concen: 51.522 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062336.D

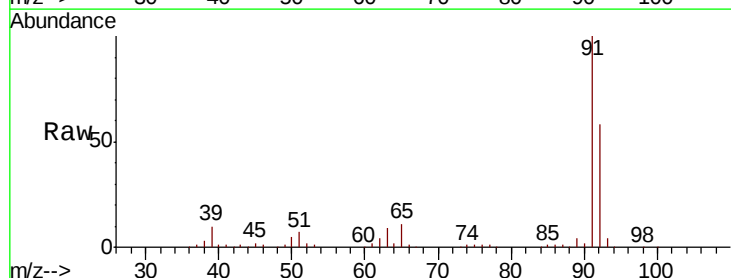
Acq: 2 Jul 2020 16:21

Tgt Ion: 92 Resp: 298919

Ion Ratio Lower Upper

92 100

91 173.0 137.4 206.0



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

Ion 91.00 (90.70 to 91.70): VN062059.D (-2581) (-)

10.12

300000

250000

200000

150000

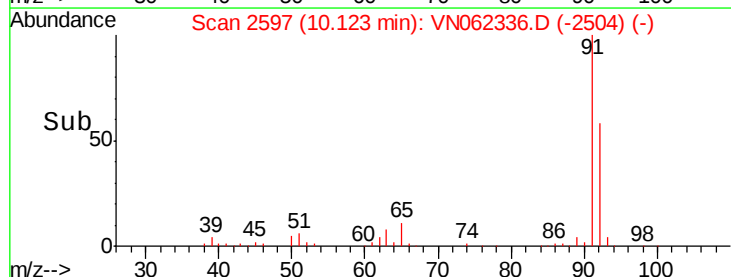
100000

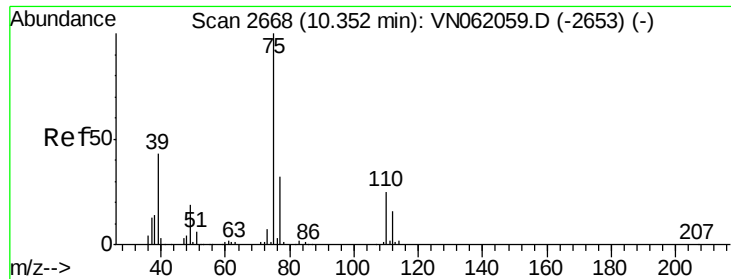
50000

0

10.10 10.20

Time-->





#53

t-1,3-Dichloropropene

Concen: 53.954 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062336.D

Acq: 2 Jul 2020 16:21

Instrument :

MSVOA_N

ClientSampleId :

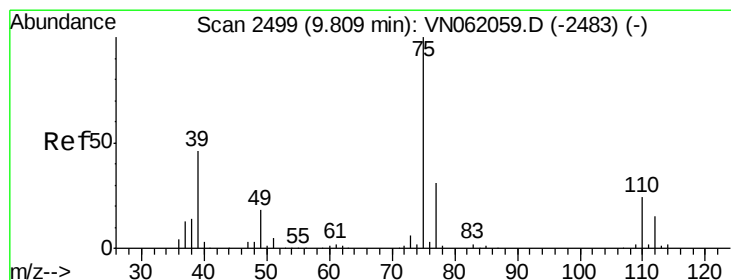
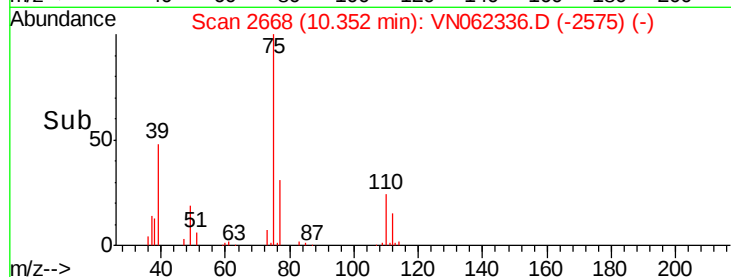
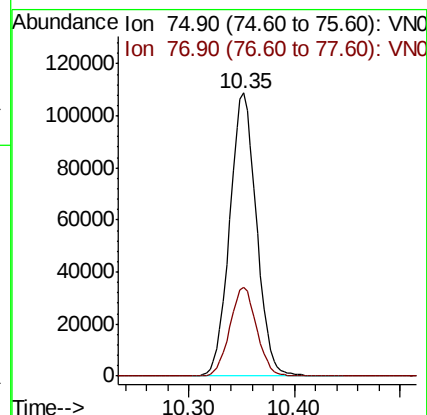
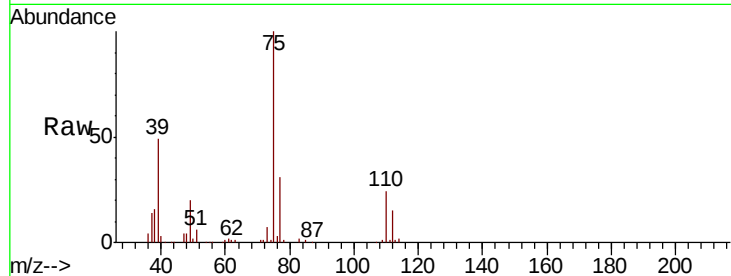
VSTDCCC050

Tot Ion: 75 Resp: 190629

Ion Ratio Lower Upper

75 100

77 31.4 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 54.857 ug/l

RT: 9.81 min Scan# 2498

Delta R.T. -0.00 min

Lab File: VN062336.D

Acq: 2 Jul 2020 16:21

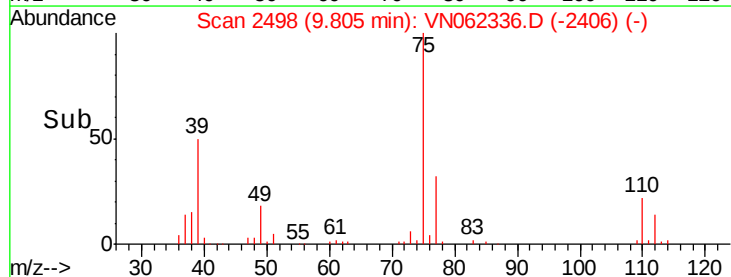
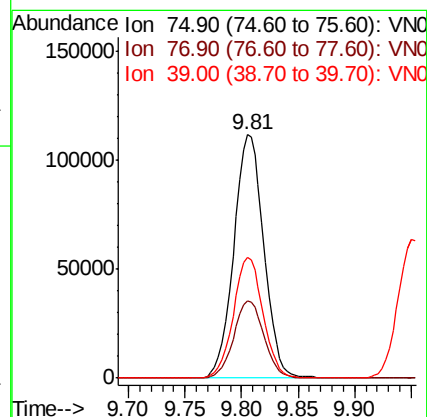
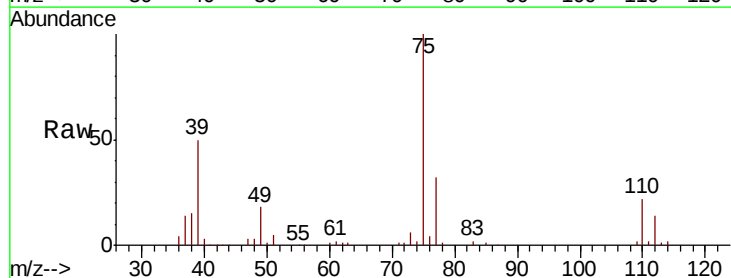
Tgt Ion: 75 Resp: 206348

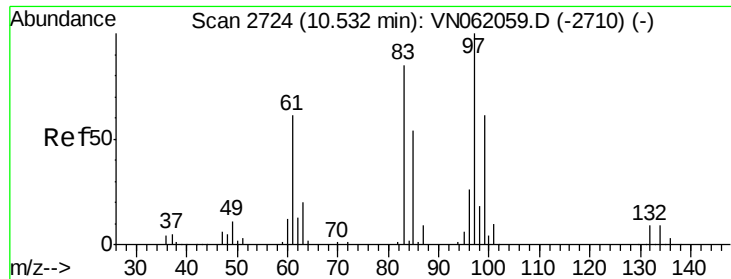
Ion Ratio Lower Upper

75 100

77 31.8 25.0 37.6

39 49.8 36.9 55.3



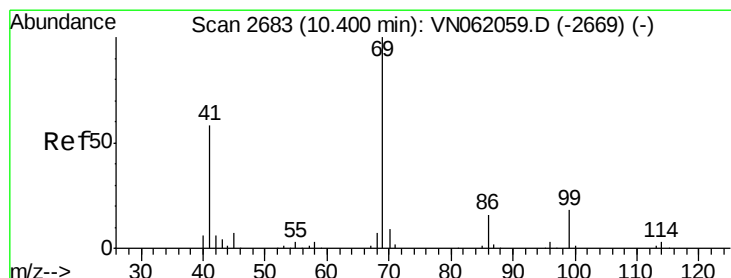
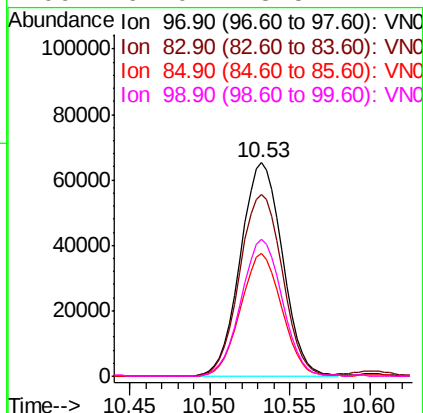
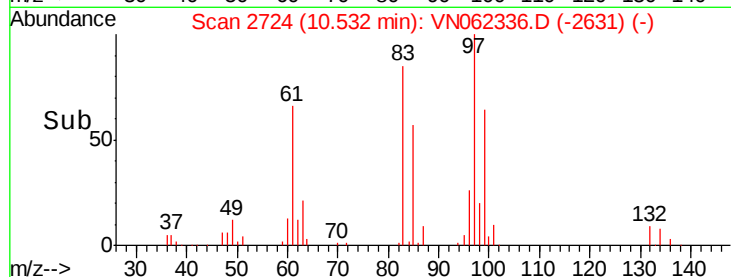
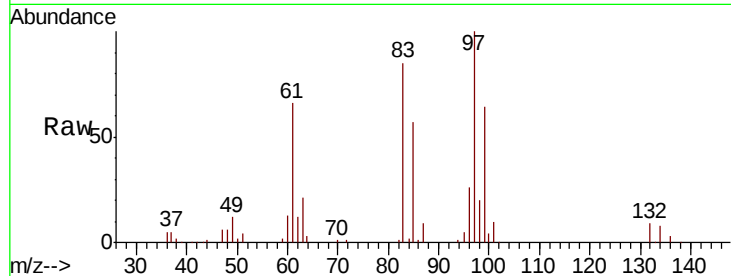


#55
 1,1,2-Trichloroethane
 Concen: 51.688 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062336.D
 Acq: 2 Jul 2020 16:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 97 Resp: 117882

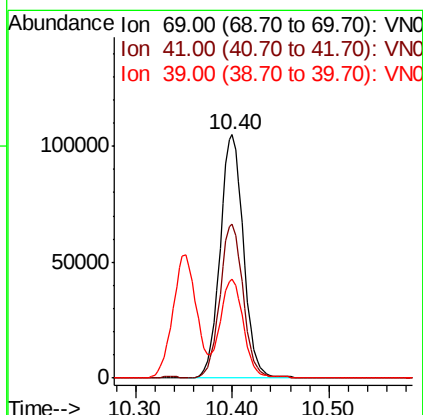
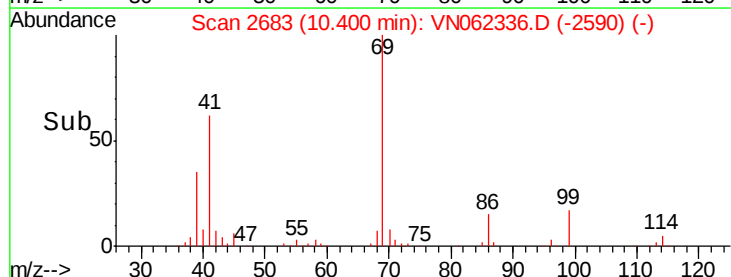
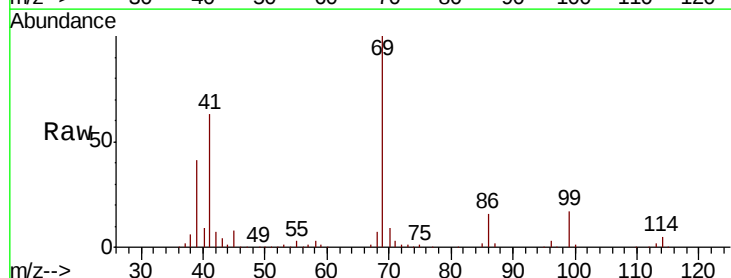
Ion	Ratio	Lower	Upper
97	100		
83	85.4	68.2	102.2
85	57.3	43.2	64.8
99	64.0	48.5	72.7

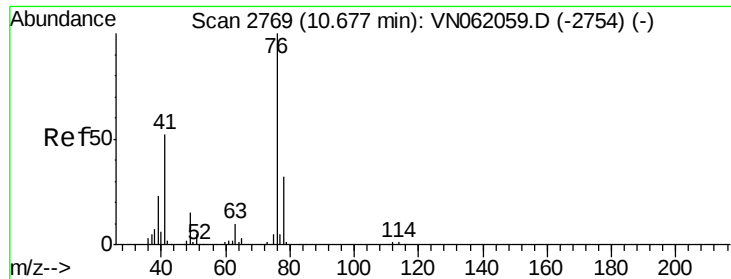


#56
 Ethyl methacrylate
 Concen: 57.830 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN062336.D
 Acq: 2 Jul 2020 16:21

Tgt Ion: 69 Resp: 176011

Ion	Ratio	Lower	Upper
69	100		
41	62.4	46.6	70.0
39	40.0	31.0	46.4





#57

1,3-Dichloropropane

Concen: 53.010 ug/l

RT: 10.68 min Scan# 2769

Delta R.T. -0.00 min

Lab File: VN062336.D

Acq: 2 Jul 2020 16:21

Instrument :

MSVOA_N

ClientSampled :

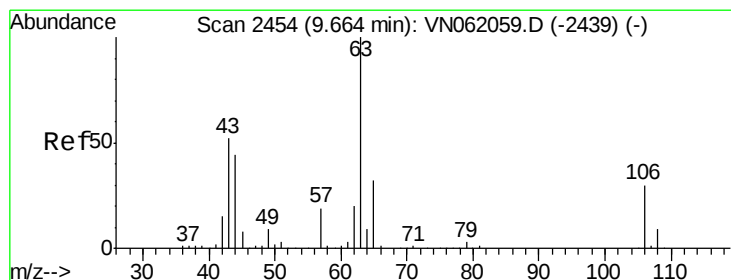
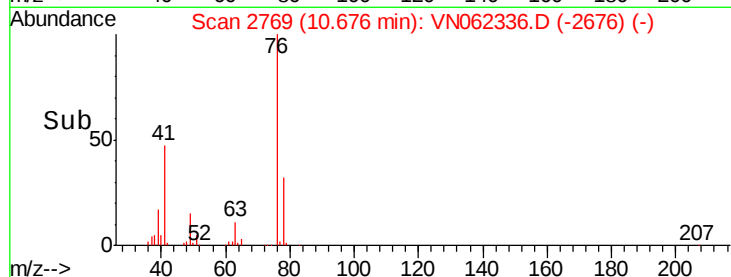
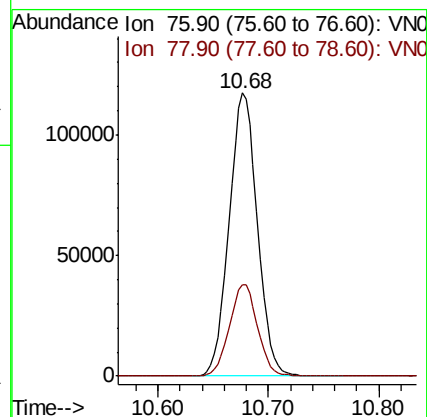
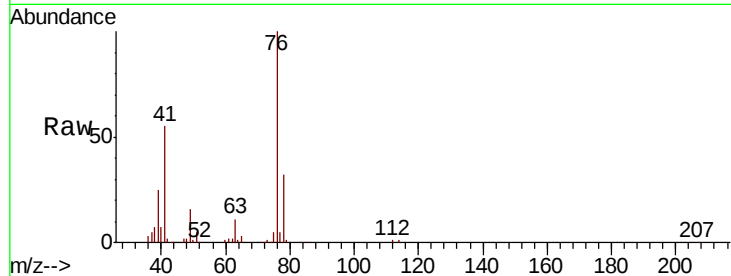
VSTDCCC050

Tot Ion: 76 Resp: 208091

Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 238.517 ug/l

RT: 9.66 min Scan# 2453

Delta R.T. -0.00 min

Lab File: VN062336.D

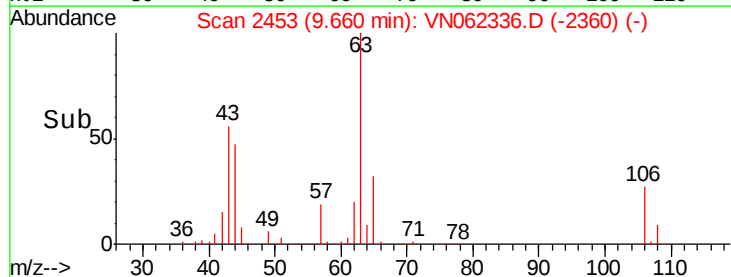
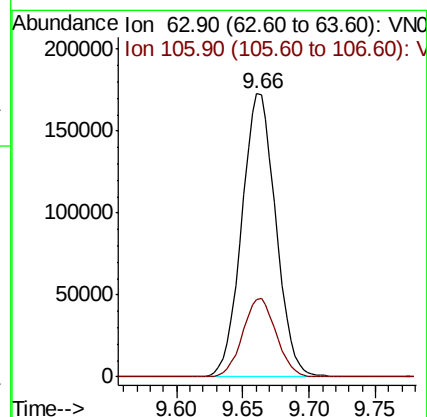
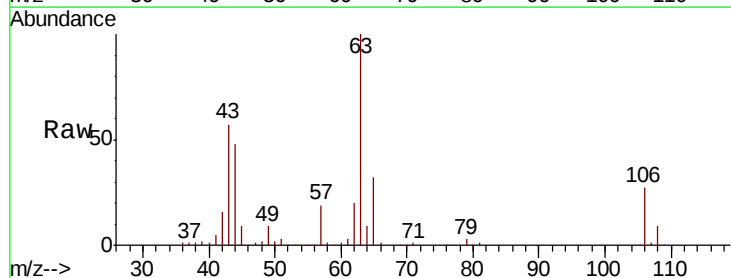
Acq: 2 Jul 2020 16:21

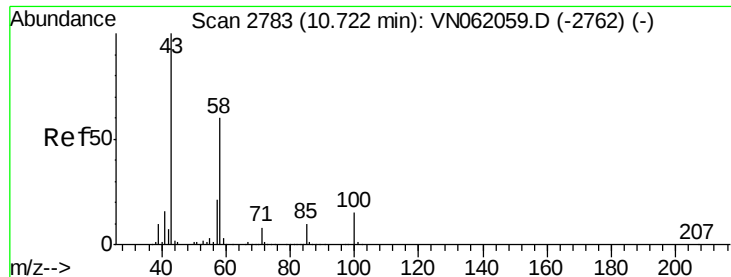
Tgt Ion: 63 Resp: 308052

Ion Ratio Lower Upper

63 100

106 27.4 23.2 34.8

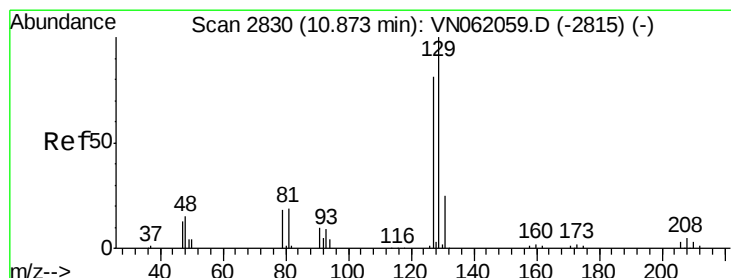
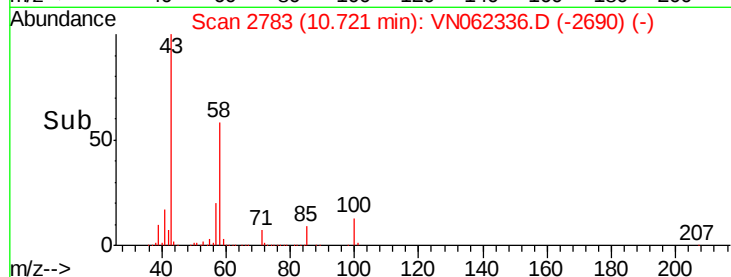
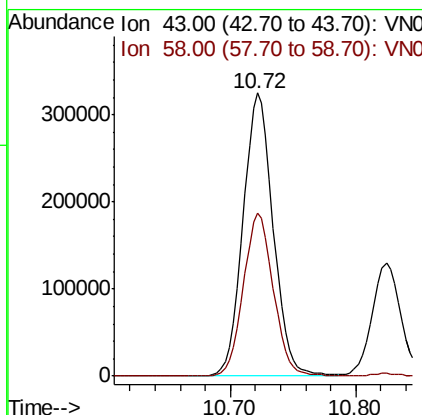
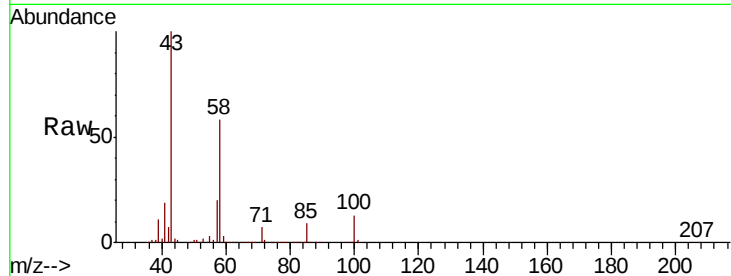




#59
2-Hexanone
Concen: 304.901 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

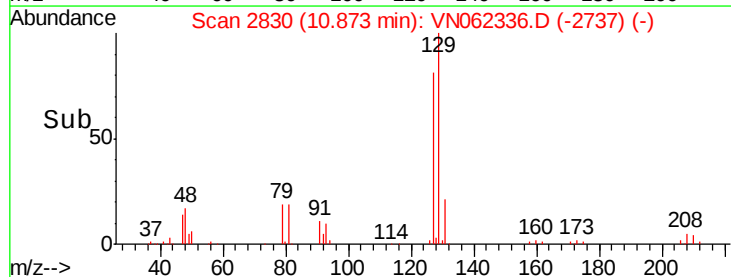
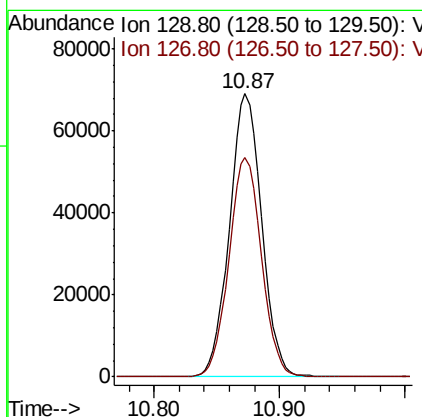
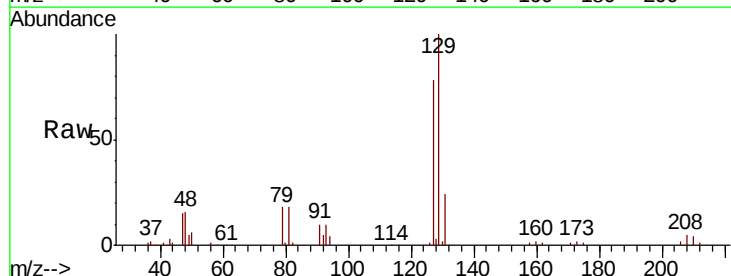
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

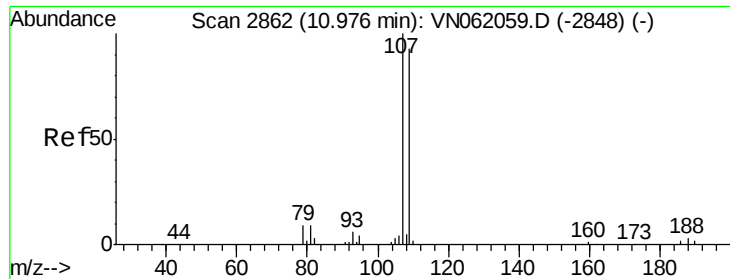
Tot Ion: 43 Resp: 541706
Ion Ratio Lower Upper
43 100
58 57.5 29.5 88.5



#60
Dibromochloromethane
Concen: 50.998 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

Tgt Ion: 129 Resp: 123136
Ion Ratio Lower Upper
129 100
127 78.4 39.5 118.5

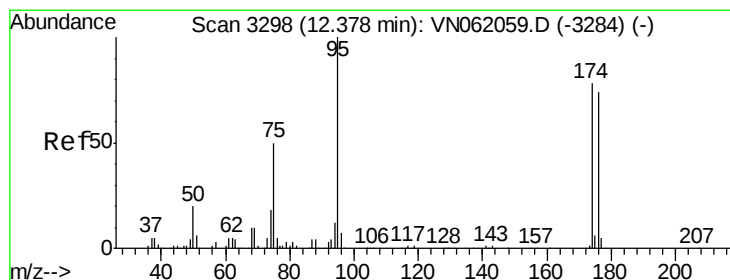
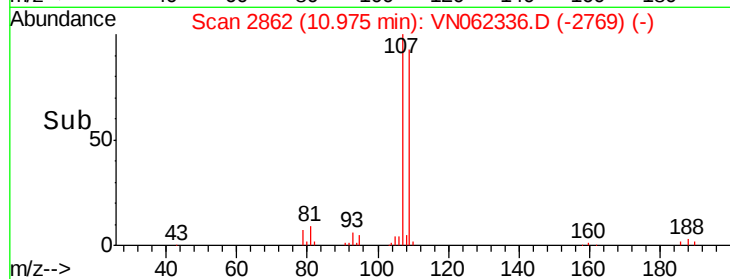
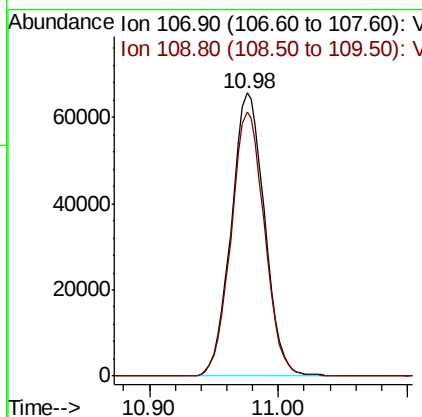
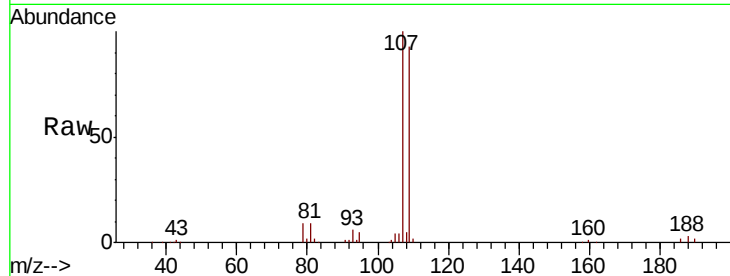




#61
 1,2-Dibromoethane
 Concen: 50.265 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN062336.D
 Acq: 2 Jul 2020 16:21

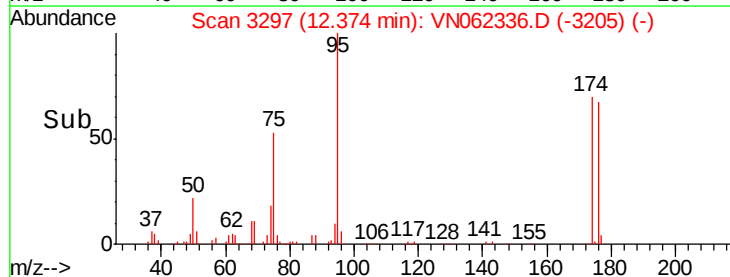
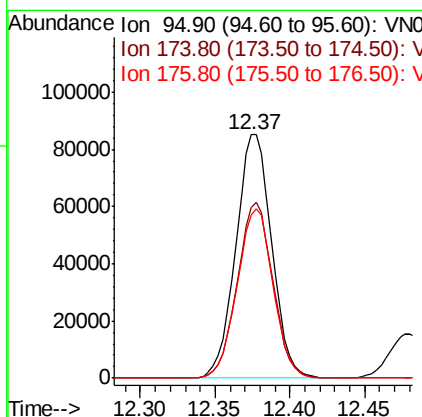
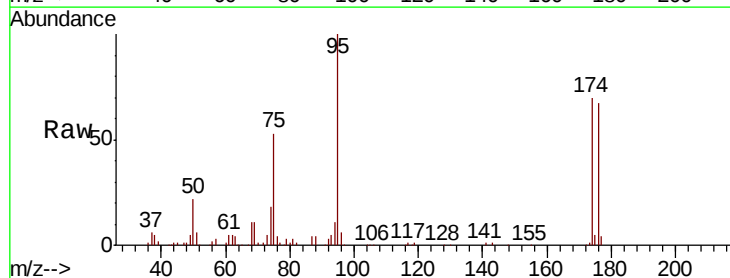
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

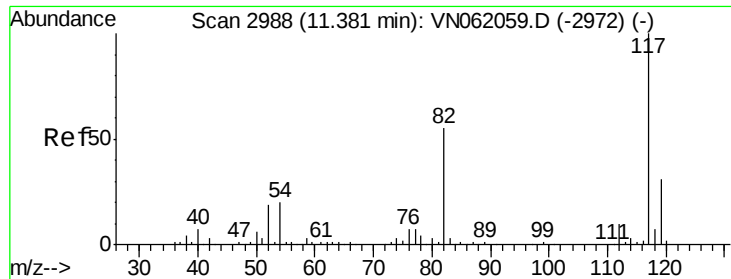
Tot Ion:107 Resp: 117790
 Ion Ratio Lower Upper
 107 100
 109 93.6 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 52.785 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN062336.D
 Acq: 2 Jul 2020 16:21

Tgt Ion: 95 Resp: 141948
 Ion Ratio Lower Upper
 95 100
 174 71.6 0.0 154.8
 176 69.7 0.0 147.4

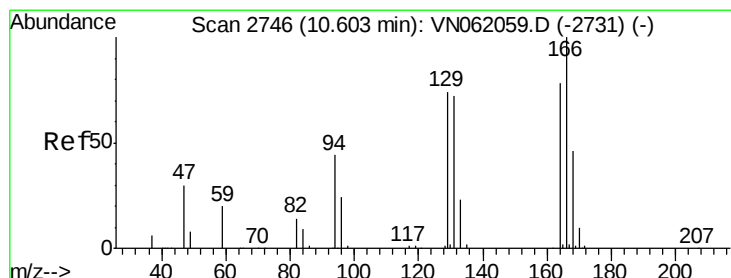
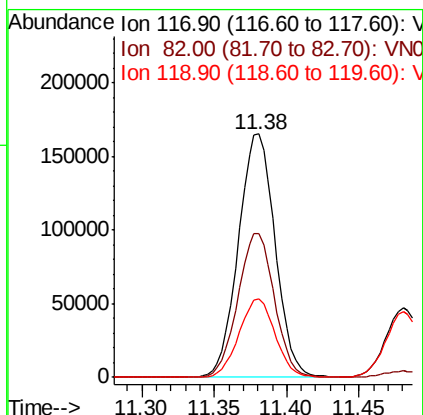
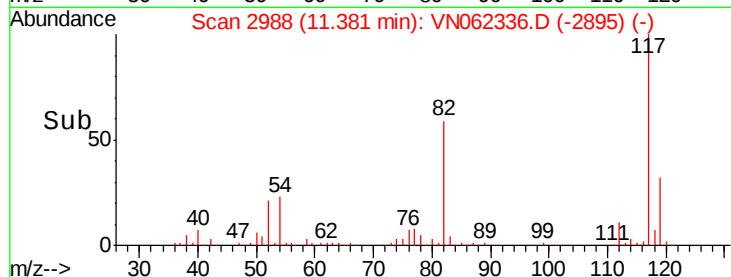
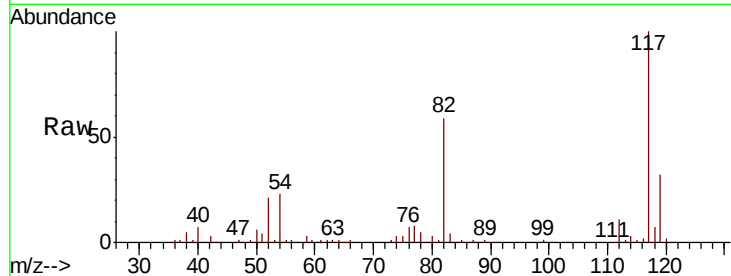




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

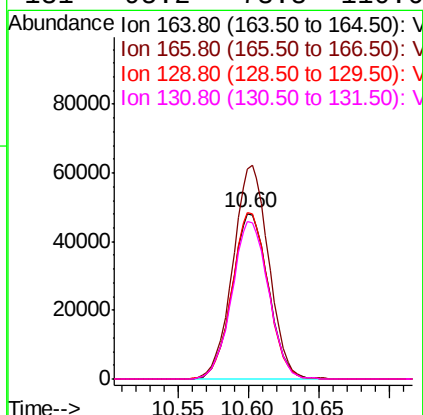
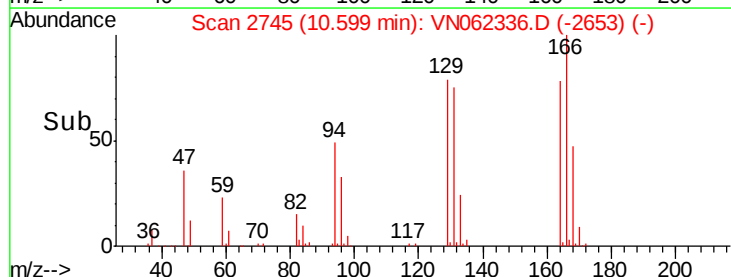
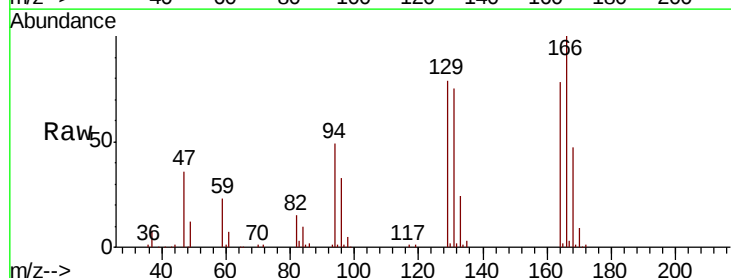
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

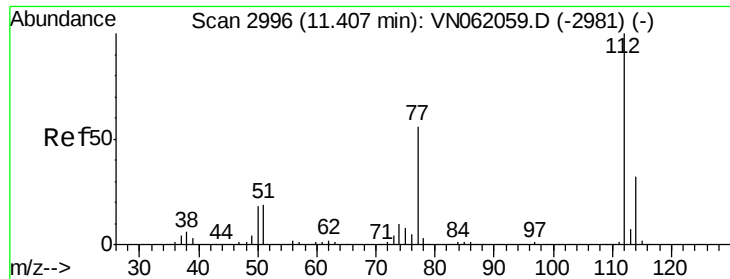
Tot Ion:117 Resp: 291436
Ion Ratio Lower Upper
117 100
82 58.9 43.8 65.8
119 32.0 25.2 37.8



#64
Tetrachloroethene
Concen: 43.484 ug/l
RT: 10.60 min Scan# 2745
Delta R.T. -0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

Tgt Ion:164 Resp: 86567
Ion Ratio Lower Upper
164 100
166 127.4 102.9 154.3
129 100.8 75.8 113.8
131 95.2 73.8 110.6

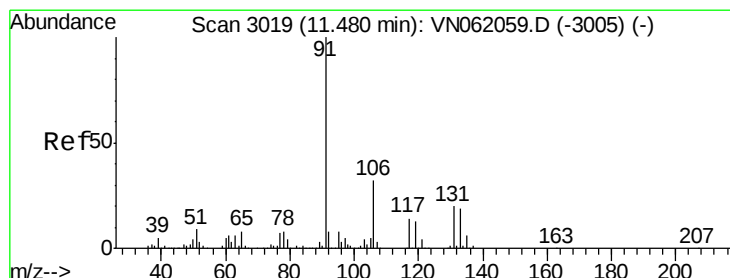
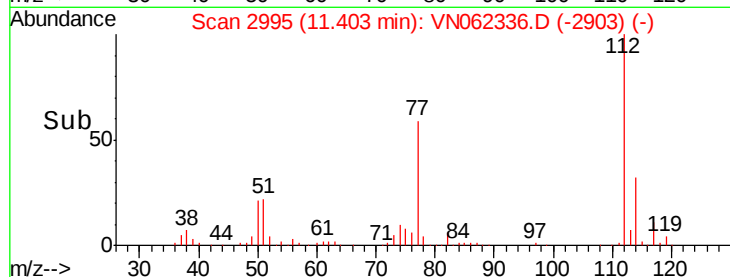
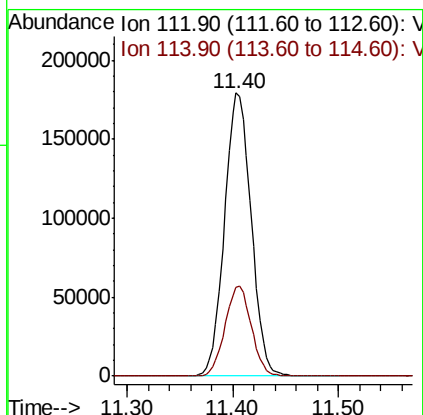
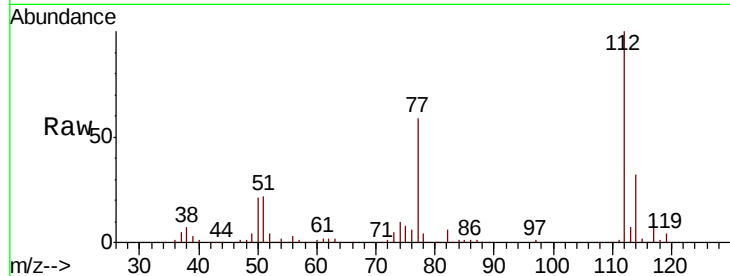




#65
Chlorobenzene
Concen: 48.894 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

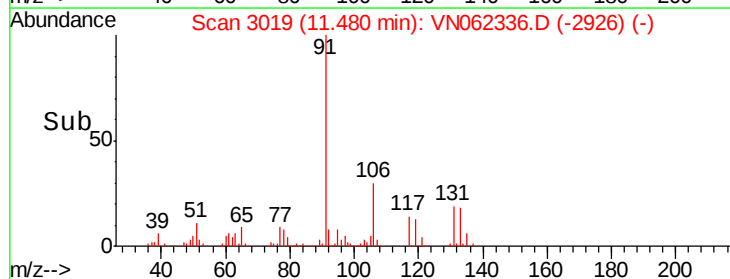
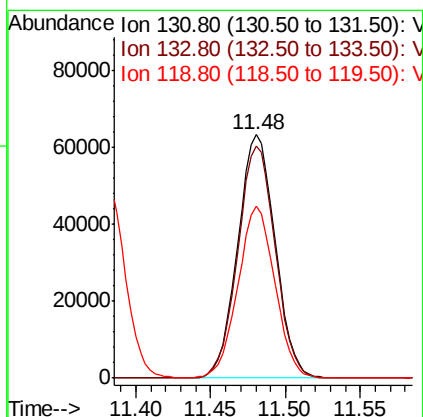
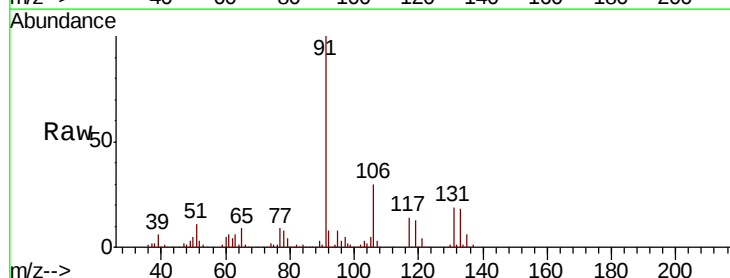
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

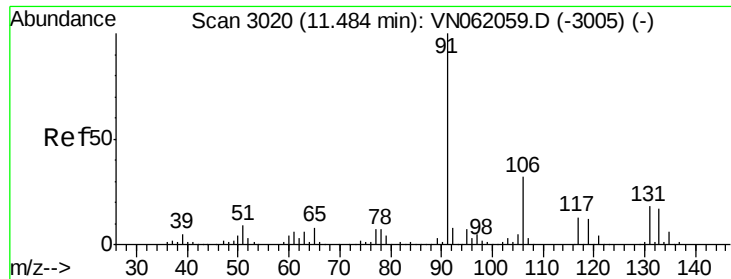
Tot Ion:112 Resp: 312918
Ion Ratio Lower Upper
112 100
114 31.6 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 49.785 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

Tgt Ion:131 Resp: 110177
Ion Ratio Lower Upper
131 100
133 95.6 47.6 142.9
119 69.7 34.4 103.3

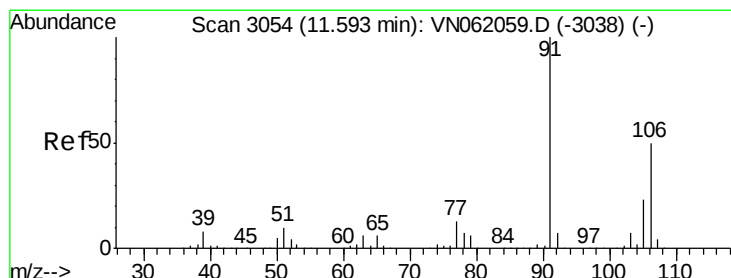
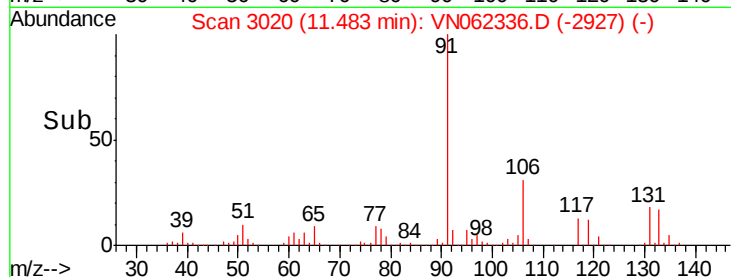
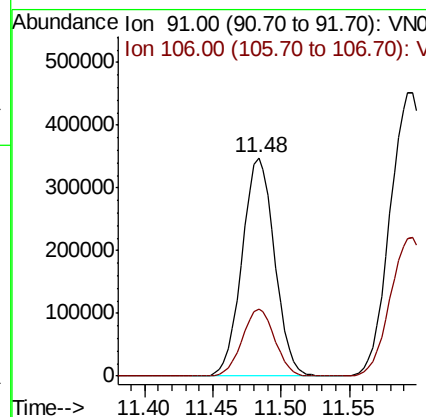
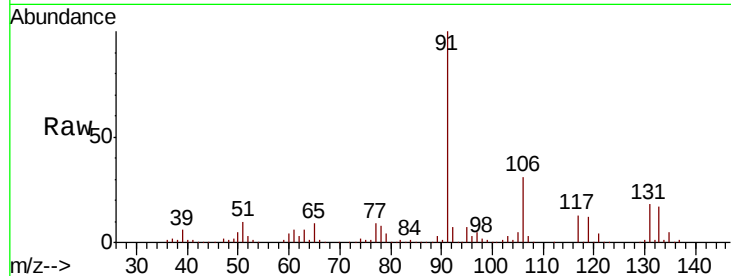




#67
Ethyl Benzene
Concen: 53.267 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

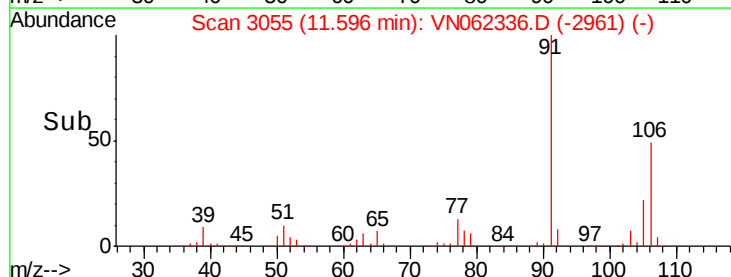
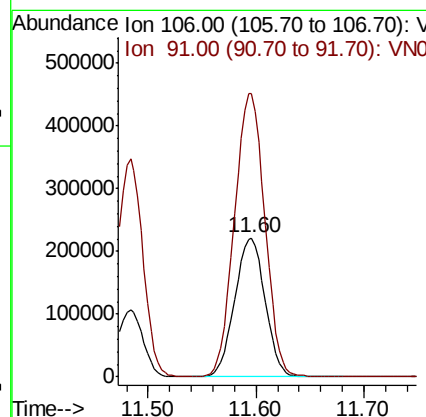
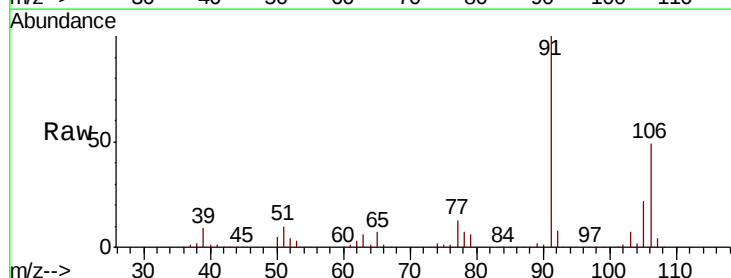
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

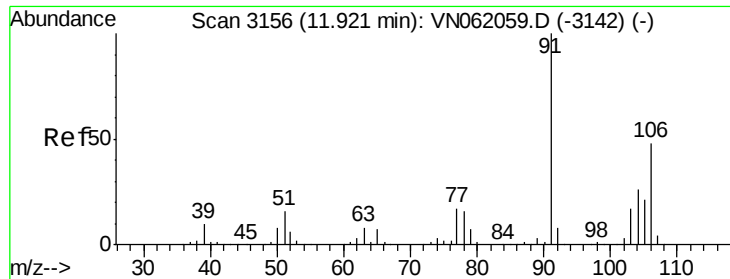
Tot Ion: 91 Resp: 575756
Ion Ratio Lower Upper
91 100
106 30.8 25.3 37.9



#68
m/p-Xylenes
Concen: 103.712 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

Tgt Ion: 106 Resp: 433582
Ion Ratio Lower Upper
106 100
91 204.0 157.8 236.8

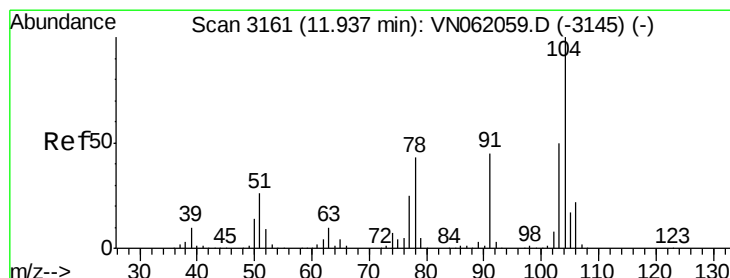
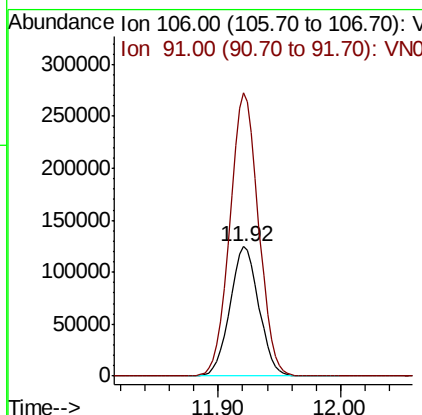
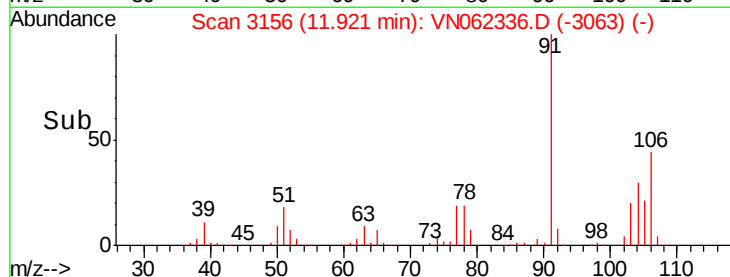
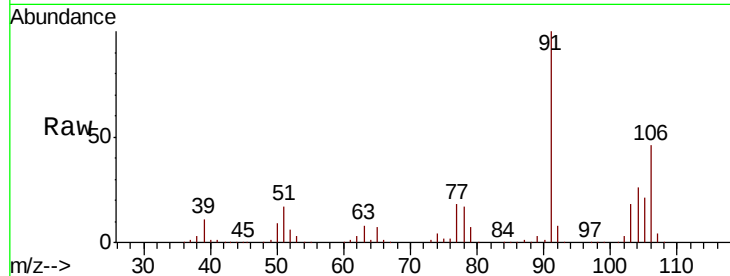




#69
o-Xylene
Concen: 52.108 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

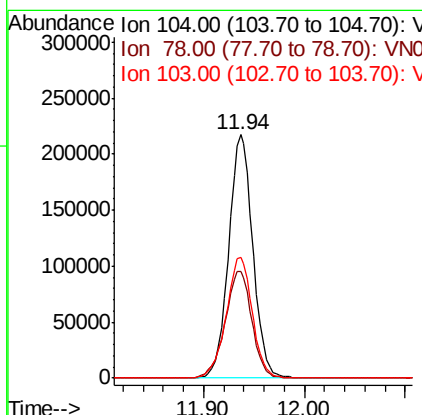
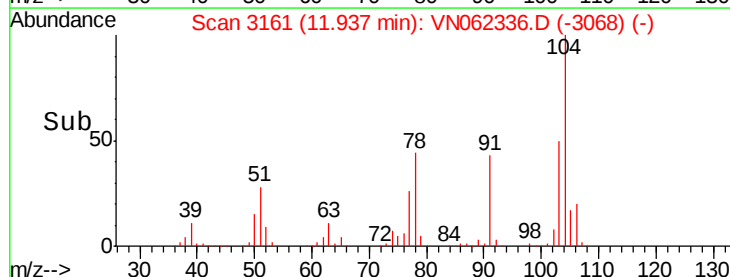
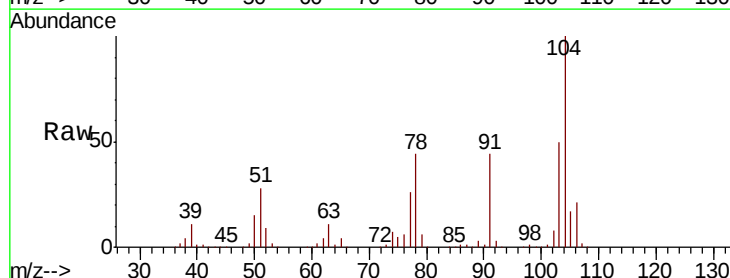
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

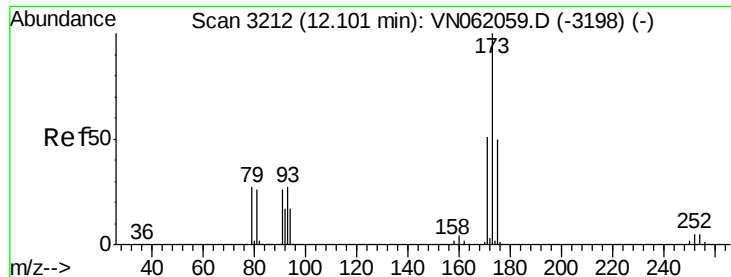
Tot Ion:106 Resp: 205540
Ion Ratio Lower Upper
106 100
91 217.0 104.0 311.9



#70
Styrene
Concen: 55.073 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

Tgt Ion:104 Resp: 362294
Ion Ratio Lower Upper
104 100
78 48.7 37.7 56.5
103 54.0 43.0 64.6

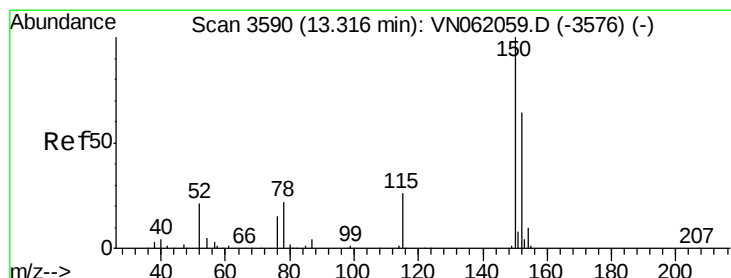
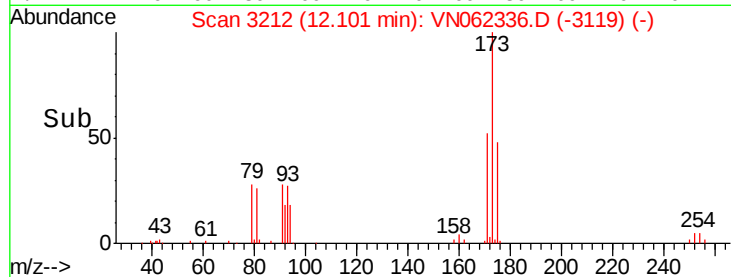
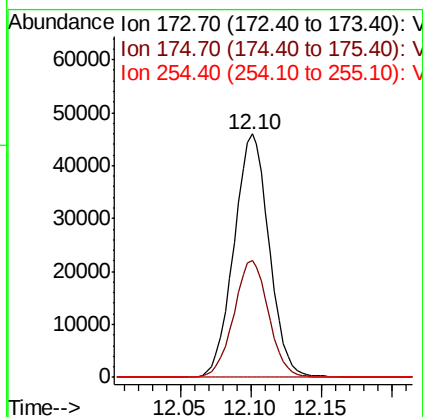
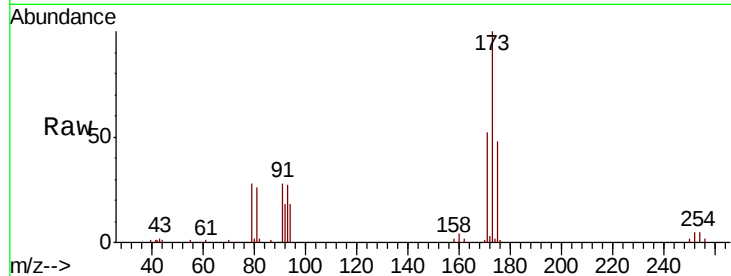




#71
Bromoform
Concen: 50.954 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. -0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

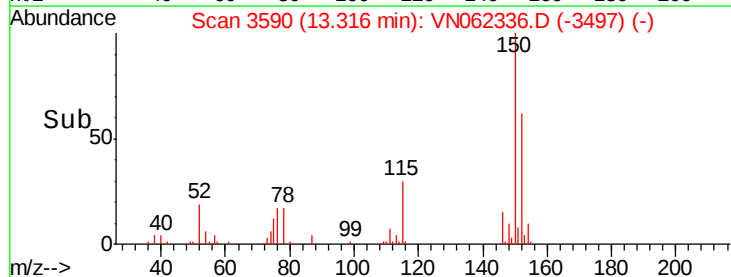
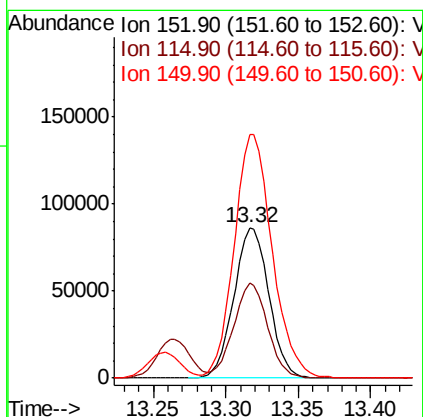
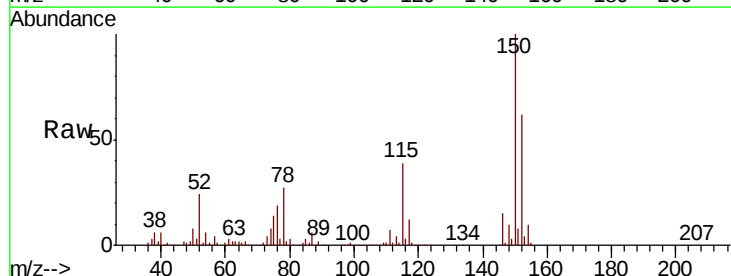
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

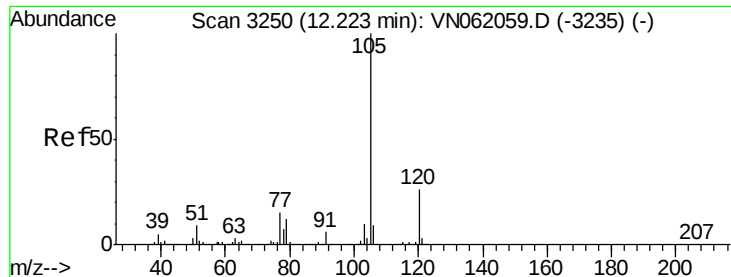
Tot Ion:173 Resp: 80175
Ion Ratio Lower Upper
173 100
175 47.6 24.7 74.1
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3590
Delta R.T. -0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

Tgt Ion:152 Resp: 144642
Ion Ratio Lower Upper
152 100
115 60.8 29.5 88.5
150 176.6 0.0 351.4





#73

Isopropylbenzene

Concen: 50.377 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062336.D

Acq: 2 Jul 2020 16:21

Instrument :

MSVOA_N

ClientSampleId :

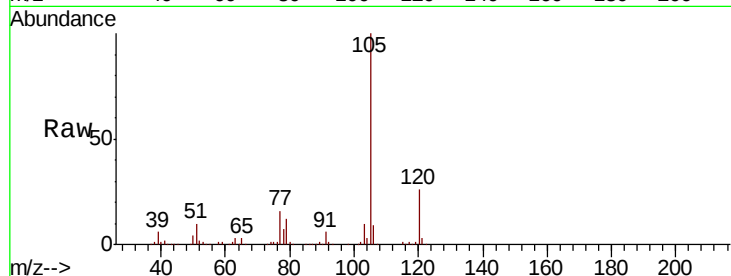
VSTDCCC050

Tot Ion:105 Resp: 564039

Ion Ratio Lower Upper

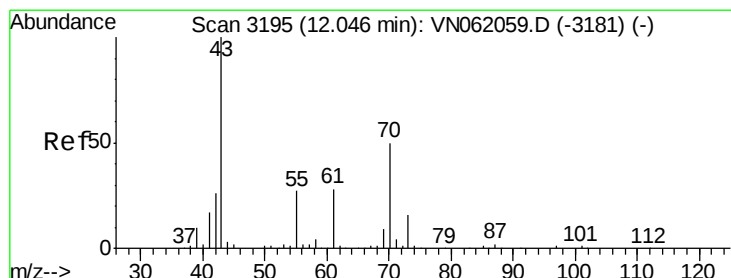
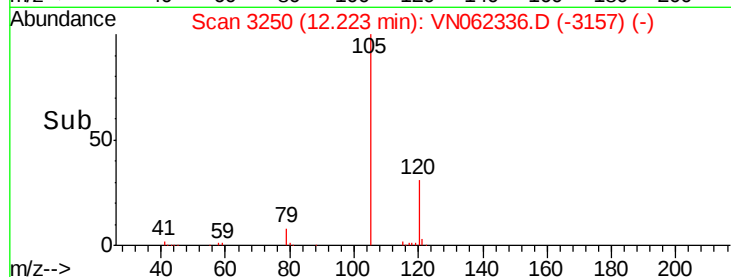
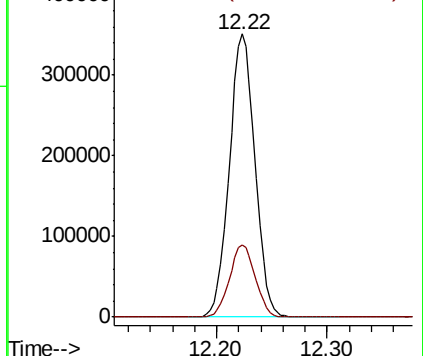
105 100

120 25.7 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.012 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN062336.D

Acq: 2 Jul 2020 16:21

Tgt Ion: 43 Resp: 210550

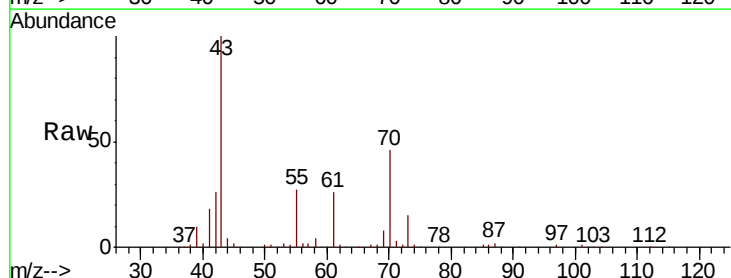
Ion Ratio Lower Upper

43 100

70 47.1 39.4 59.2

55 27.3 21.7 32.5

61 26.2 21.3 31.9

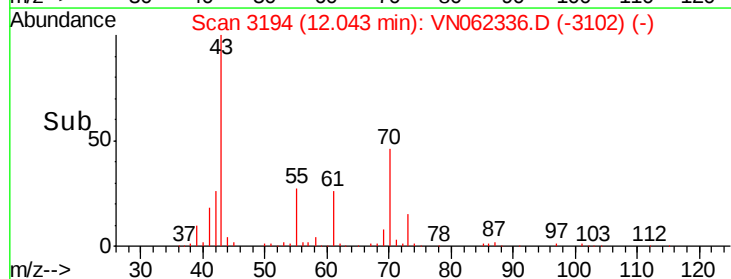
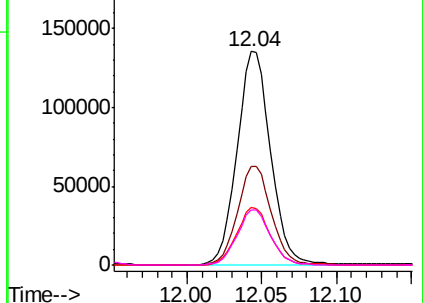


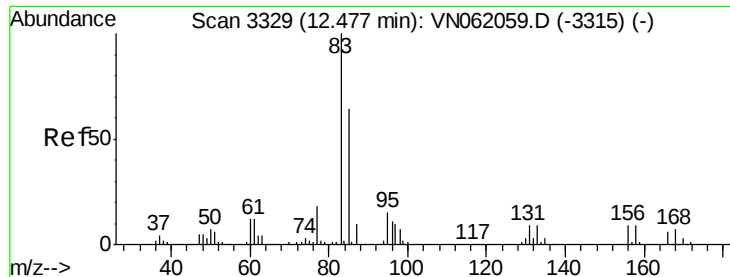
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.078 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062336.D

Acq: 2 Jul 2020 16:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

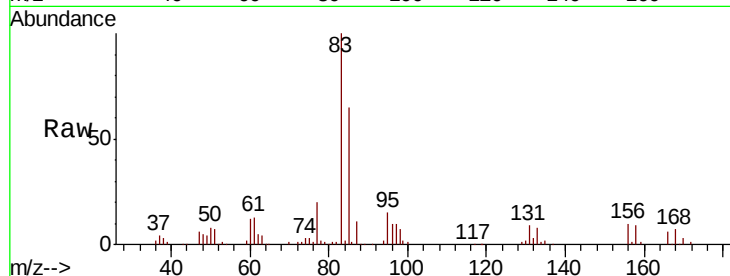
Tot Ion: 83 Resp: 179134

Ion Ratio Lower Upper

83 100

131 9.4 4.8 14.4

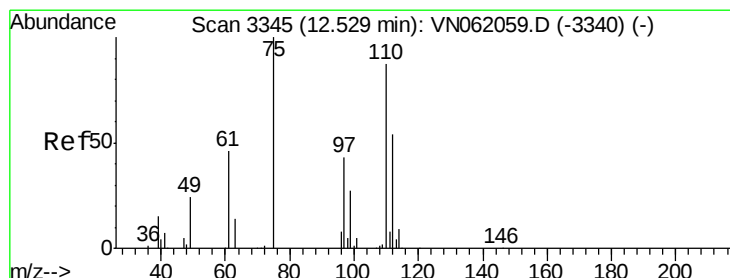
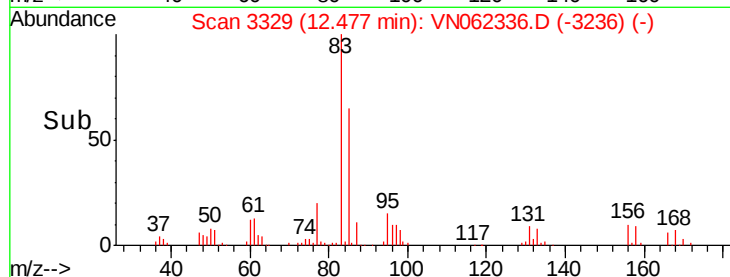
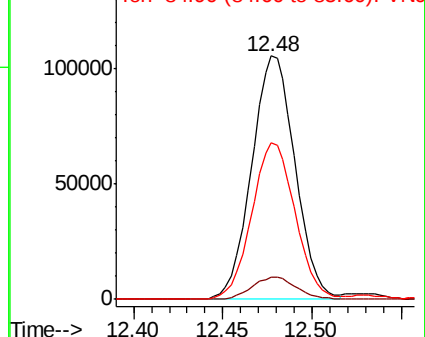
85 64.2 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN062336.D (-3236) (-)

Ion 130.80 (130.50 to 131.50): VN062336.D (-3236) (-)

Ion 84.90 (84.60 to 85.60): VN062336.D (-3236) (-)



#76

1,2,3-Trichloropropane

Concen: 67.289 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062336.D

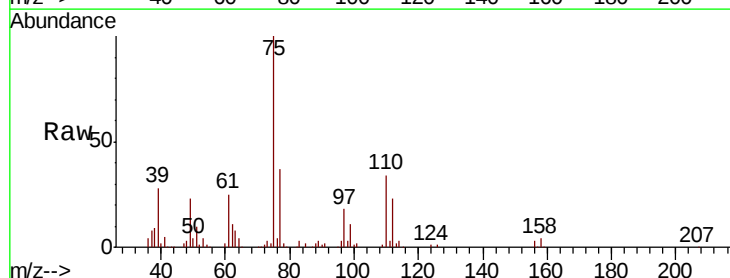
Acq: 2 Jul 2020 16:21

Tgt Ion: 75 Resp: 229120

Ion Ratio Lower Upper

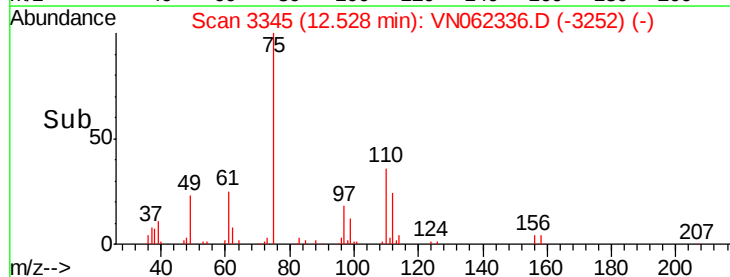
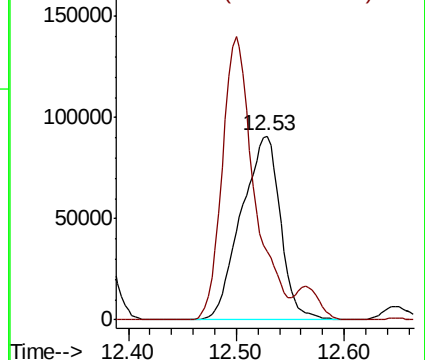
75 100

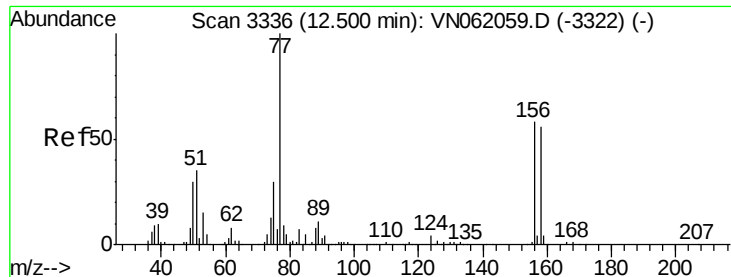
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN062336.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN062336.D (-3252) (-)

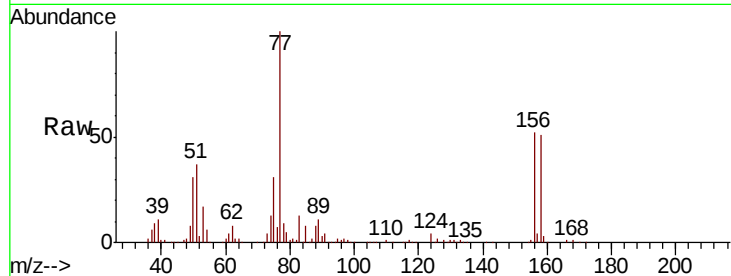




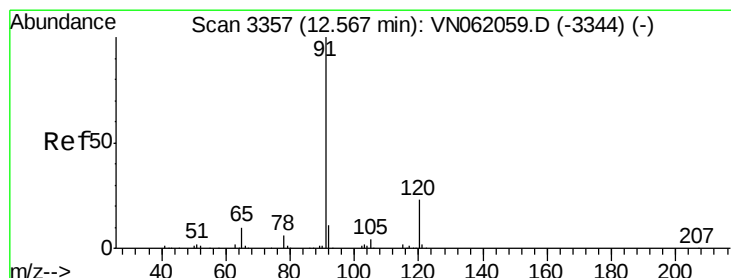
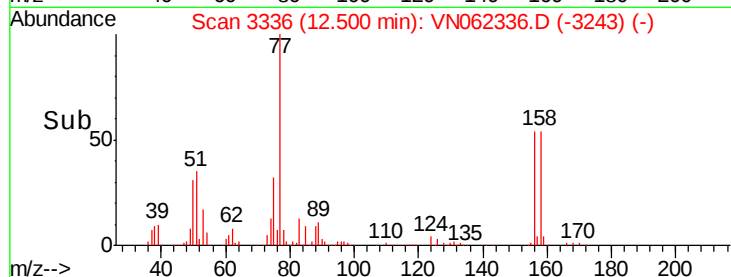
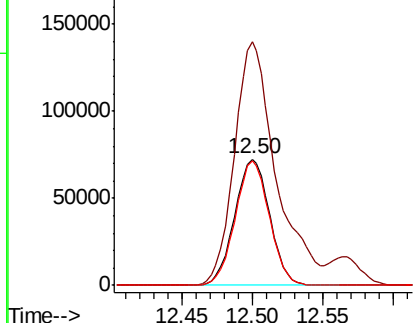
#77
Bromobenzene
Concen: 45.353 ug/l
RT: 12.50 min Scan# 3336
Delta R.T. -0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:156 Resp: 126069
Ion Ratio Lower Upper
156 100
77 230.7 104.6 313.8
158 96.4 48.0 144.0

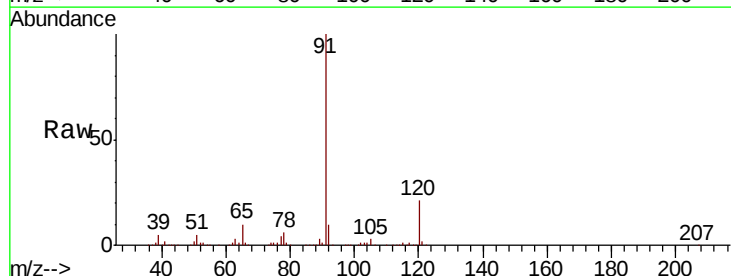


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VN
Ion 157.80 (157.50 to 158.50): V

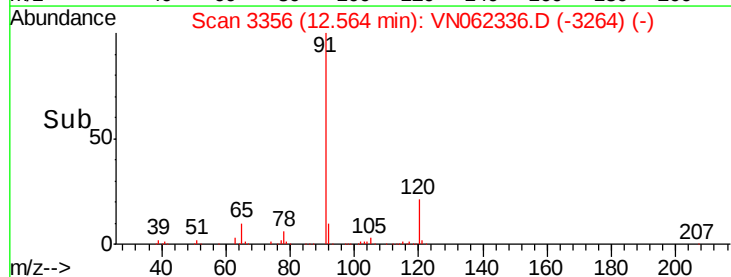
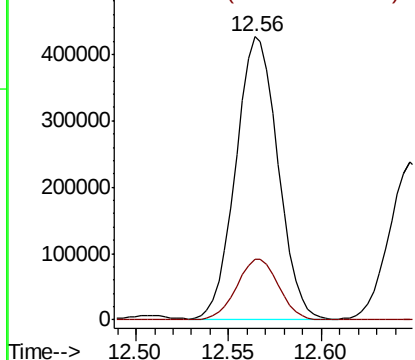


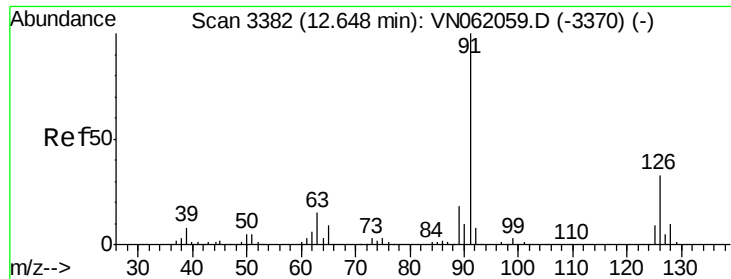
#78
n-propylbenzene
Concen: 52.440 ug/l
RT: 12.56 min Scan# 3356
Delta R.T. -0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

Tgt Ion: 91 Resp: 671600
Ion Ratio Lower Upper
91 100
120 21.6 11.4 34.1



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

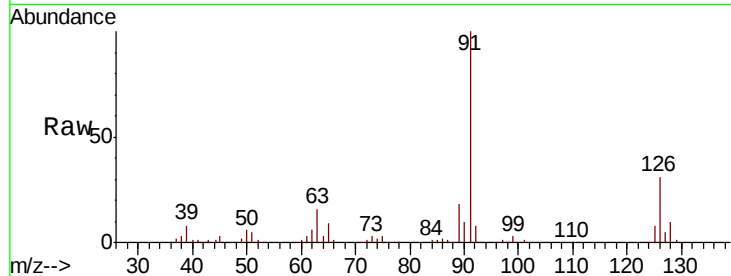




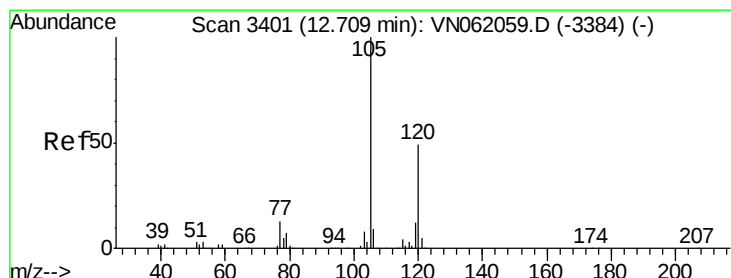
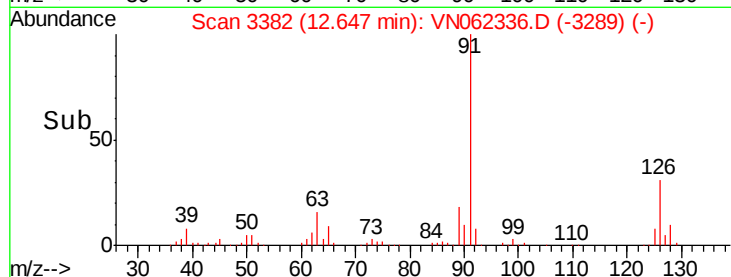
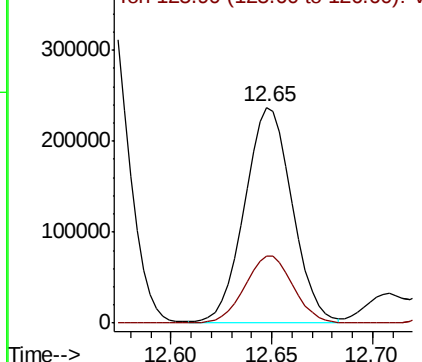
#79
 2-Chlorotoluene
 Concen: 50.149 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. -0.00 min
 Lab File: VN062336.D
 Acq: 2 Jul 2020 16:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 388279
 Ion Ratio Lower Upper
 91 100
 126 31.7 16.9 50.7

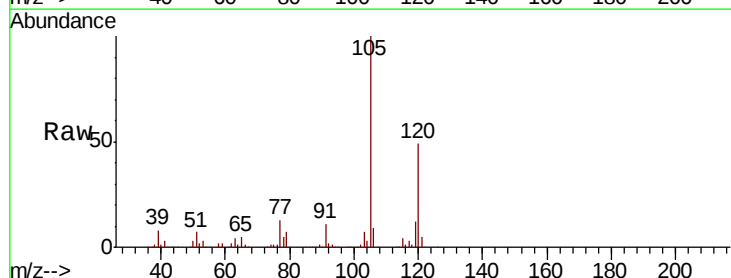


Abundance Ion 91.00 (90.70 to 91.70): VN062336.D (-3389) (-)
 Ion 125.90 (125.60 to 126.60): VN062336.D (-3389) (-)

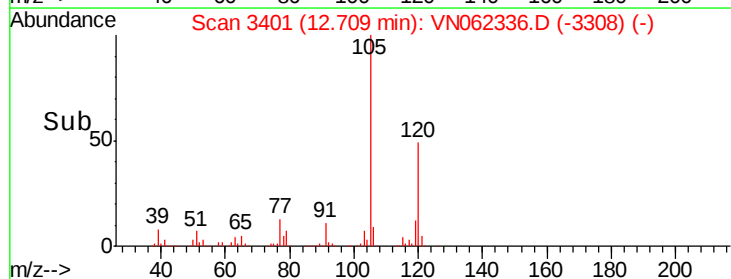
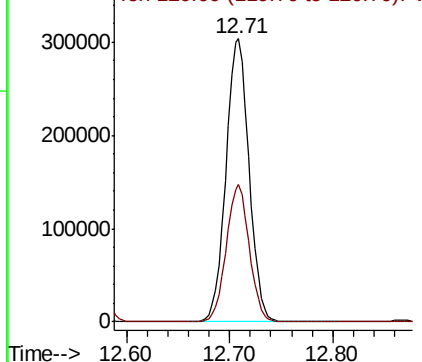


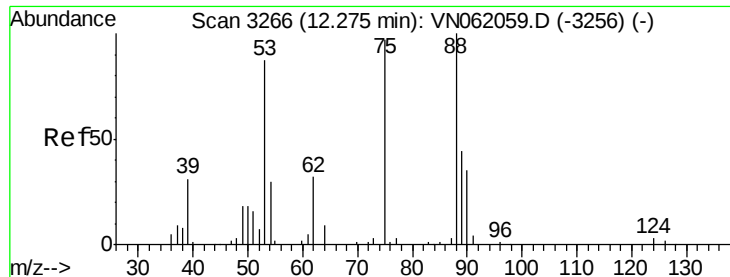
#80
 1,3,5-Trimethylbenzene
 Concen: 52.196 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN062336.D
 Acq: 2 Jul 2020 16:21

Tgt Ion: 105 Resp: 473751
 Ion Ratio Lower Upper
 105 100
 120 48.4 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VN062336.D (-3308) (-)
 Ion 120.00 (119.70 to 120.70): VN062336.D (-3308) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 53.281 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062336.D

Acq: 2 Jul 2020 16:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

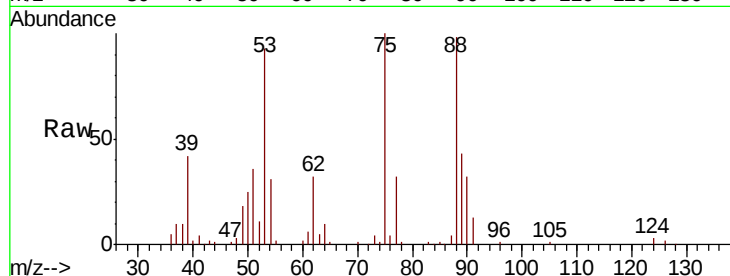
Tot Ion: 75 Resp: 62123

Ion Ratio Lower Upper

75 100

53 93.3 72.0 108.0

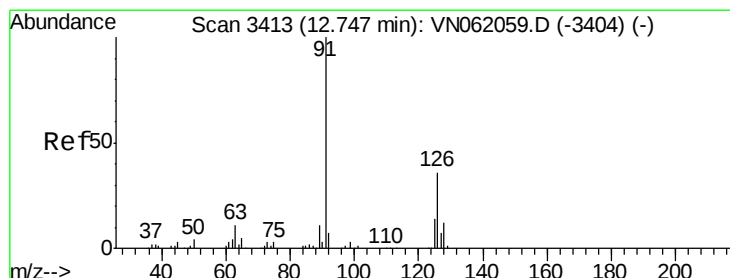
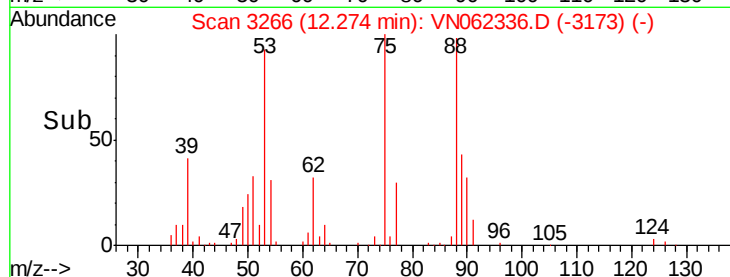
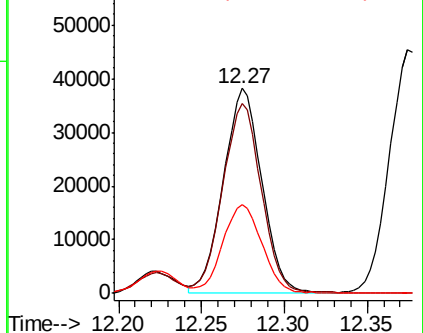
89 43.7 36.9 55.3



Abundance Ion 74.90 (74.60 to 75.60): VN062059.D (-3256) (-)

Ion 53.00 (52.70 to 53.70): VN062059.D (-3256) (-)

Ion 88.90 (88.60 to 89.60): VN062059.D (-3256) (-)



#82

4-Chlorotoluene

Concen: 51.799 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062336.D

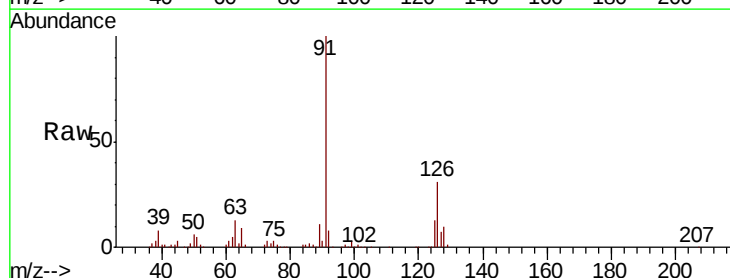
Acq: 2 Jul 2020 16:21

Tgt Ion: 91 Resp: 414731

Ion Ratio Lower Upper

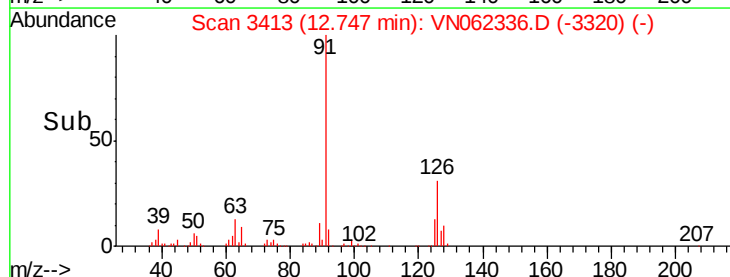
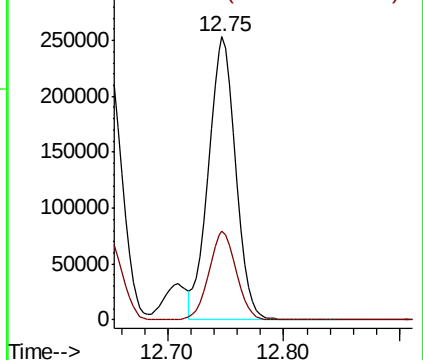
91 100

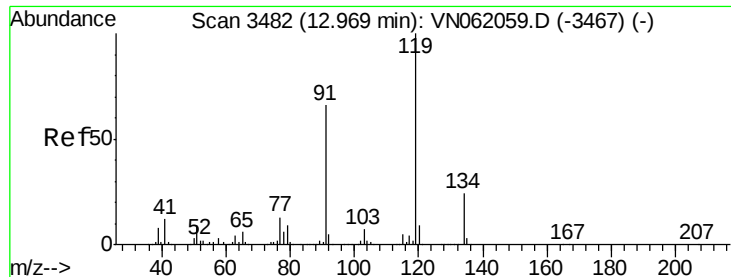
126 31.5 16.7 50.1



Abundance Ion 91.00 (90.70 to 91.70): VN062059.D (-3404) (-)

Ion 125.90 (125.60 to 126.60): VN062059.D (-3404) (-)

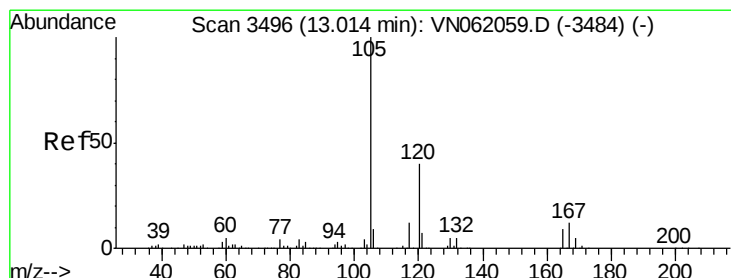
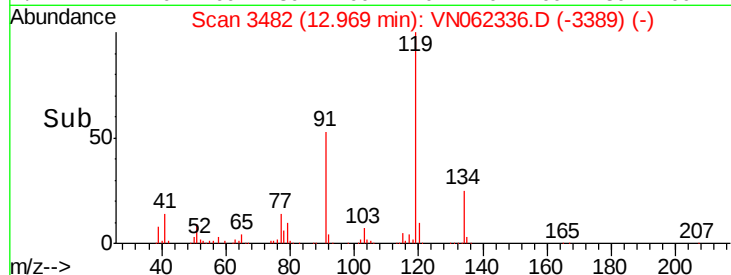
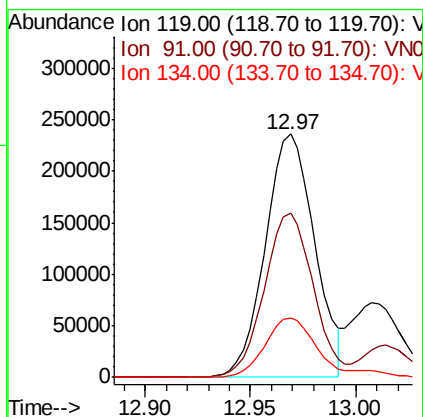
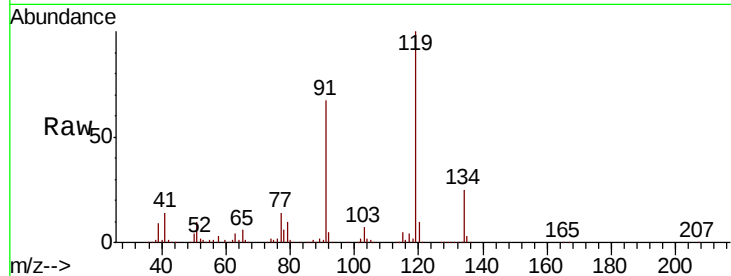




#83
tert-Butylbenzene
Concen: 49.414 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

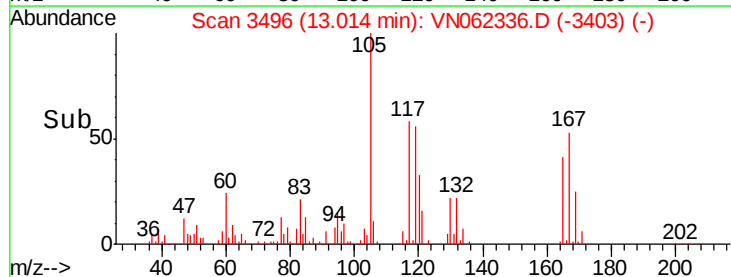
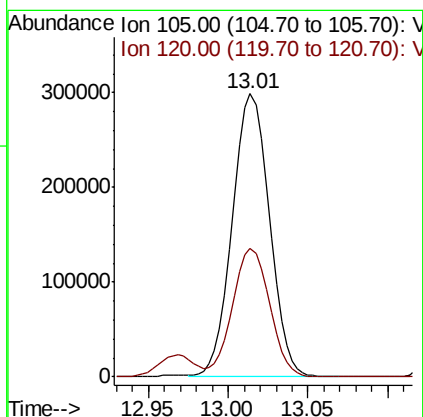
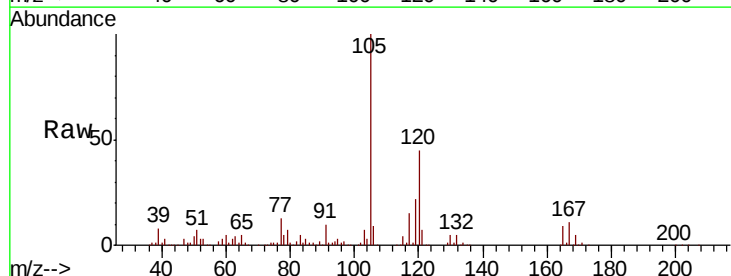
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

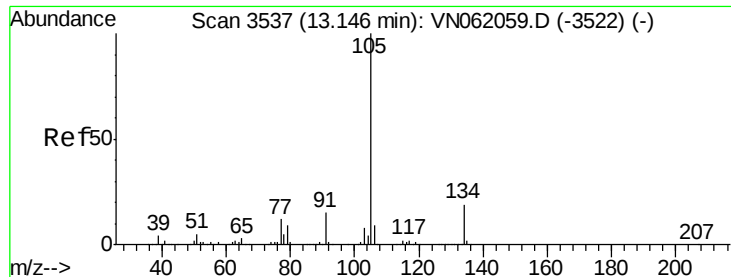
Tot Ion:119 Resp: 383834
Ion Ratio Lower Upper
119 100
91 67.4 31.7 95.1
134 24.9 13.1 39.1



#84
1,2,4-Trimethylbenzene
Concen: 51.939 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

Tgt Ion:105 Resp: 470826
Ion Ratio Lower Upper
105 100
120 45.5 23.2 69.5





#85

sec-Butylbenzene

Concen: 53.176 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062336.D

Acq: 2 Jul 2020 16:21

Instrument :

MSVOA_N

ClientSampleId :

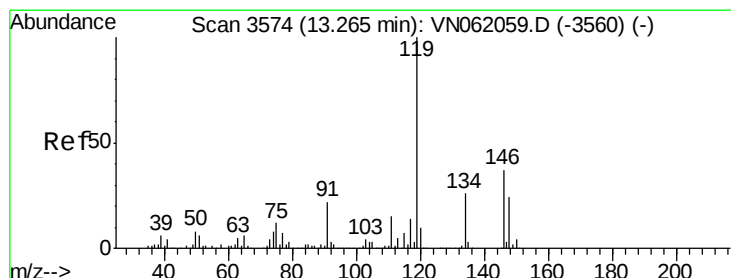
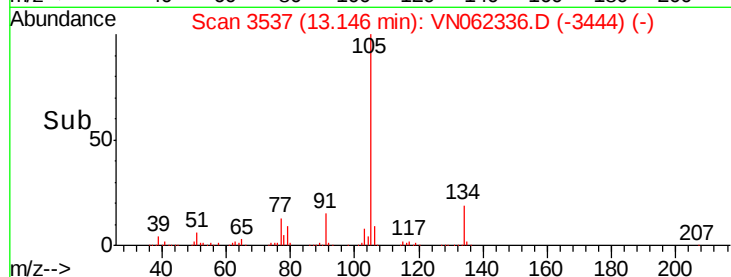
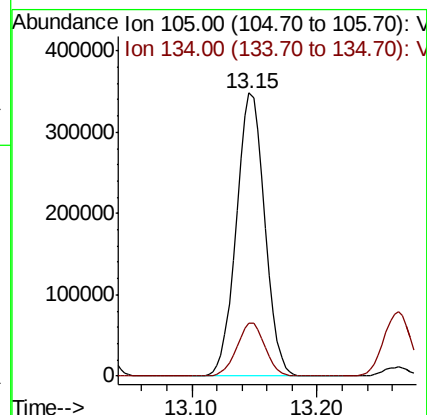
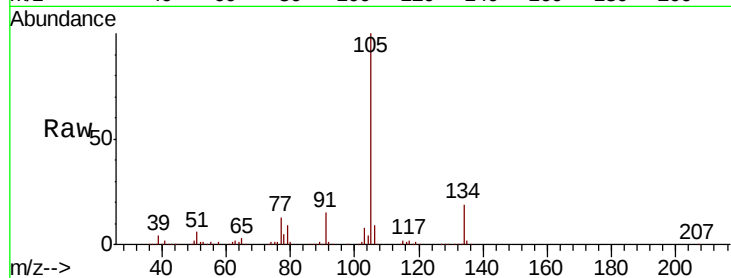
VSTDCCC050

Tot Ion:105 Resp: 545793

Ion Ratio Lower Upper

105 100

134 18.7 9.7 29.1



#86

p-Isopropyltoluene

Concen: 53.832 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062336.D

Acq: 2 Jul 2020 16:21

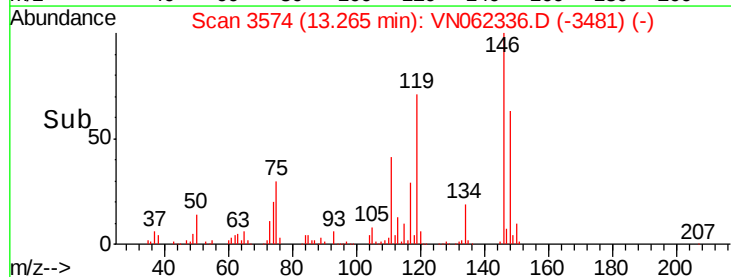
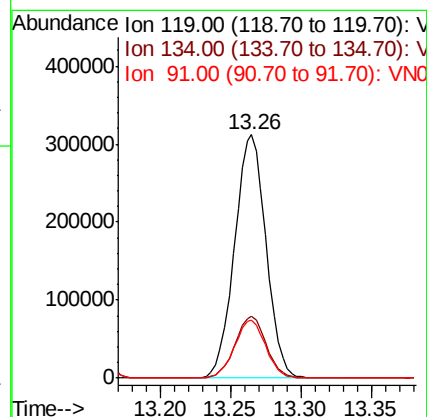
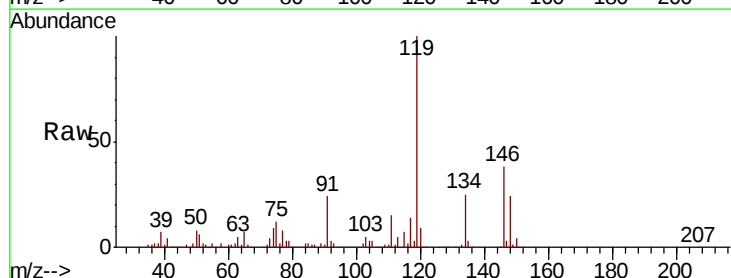
Tgt Ion:119 Resp: 484087

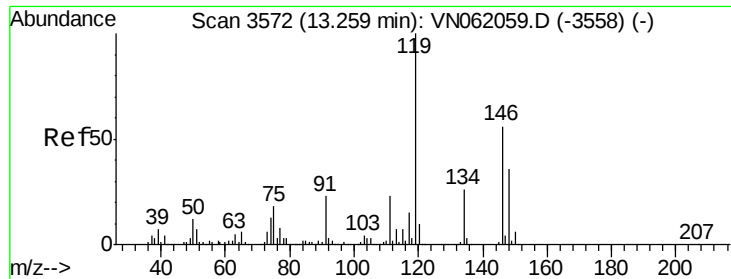
Ion Ratio Lower Upper

119 100

134 25.3 13.0 39.0

91 23.5 11.3 33.8

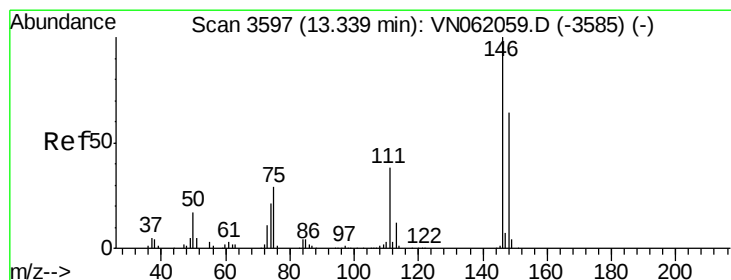
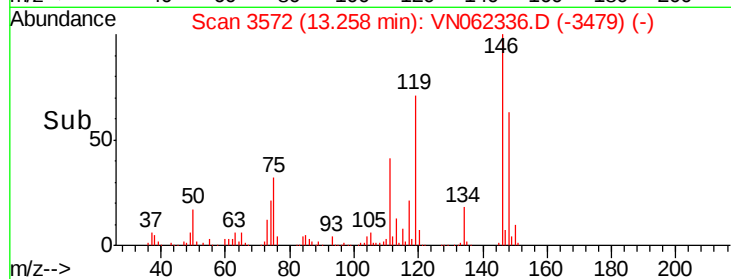
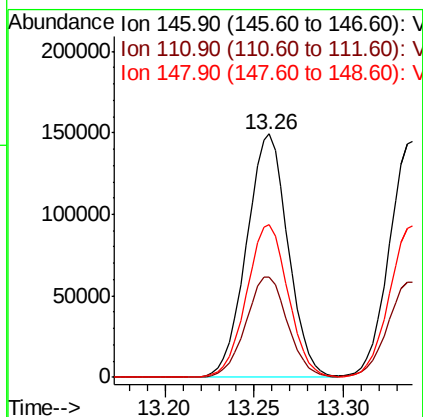
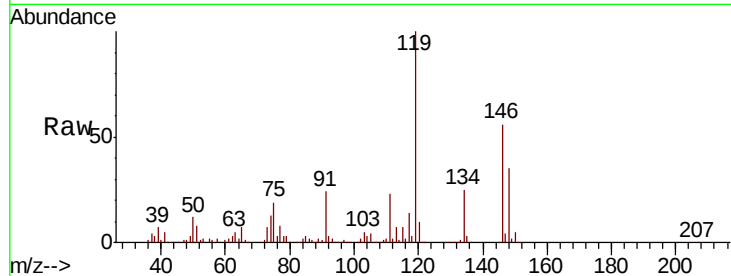




#87
 1,3-Dichlorobenzene
 Concen: 49.691 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062336.D
 Acq: 2 Jul 2020 16:21

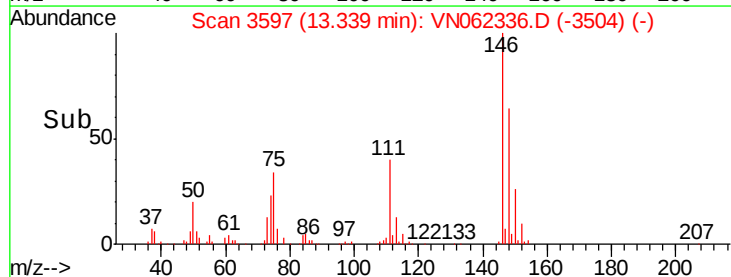
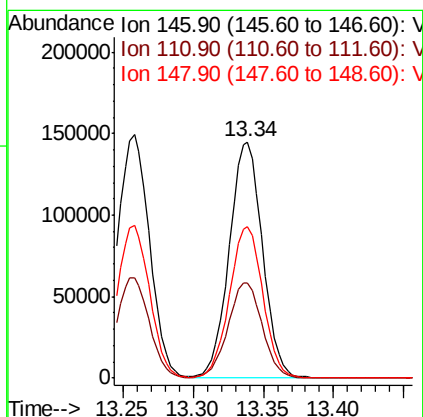
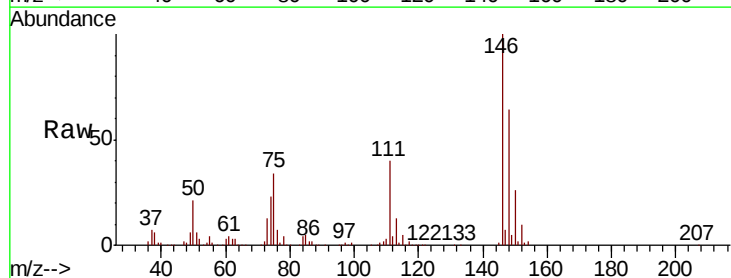
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

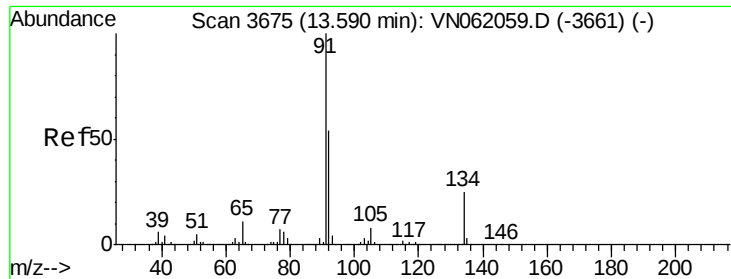
Tot Ion:146 Resp: 242548
 Ion Ratio Lower Upper
 146 100
 111 41.6 20.3 61.0
 148 62.9 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 47.419 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062336.D
 Acq: 2 Jul 2020 16:21

Tgt Ion:146 Resp: 238591
 Ion Ratio Lower Upper
 146 100
 111 41.3 19.9 59.6
 148 64.4 31.9 95.9





#89

n-Butylbenzene

Concen: 56.784 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN062336.D

Acq: 2 Jul 2020 16:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

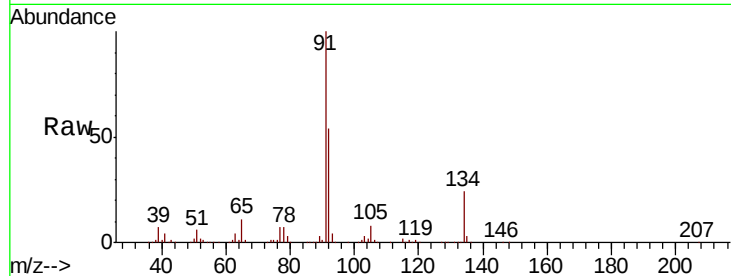
Tot Ion: 91 Resp: 424528

Ion Ratio Lower Upper

91 100

92 52.9 26.6 79.7

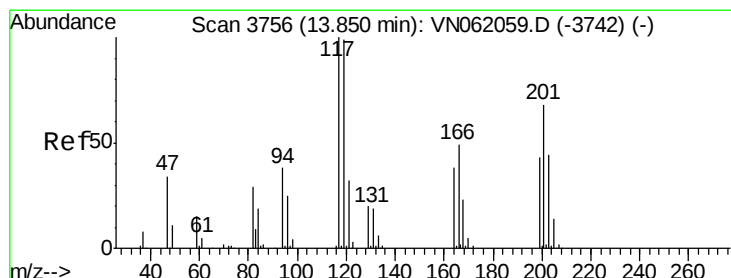
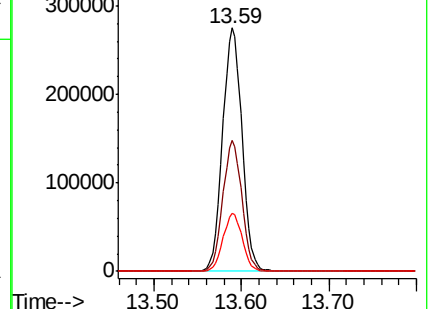
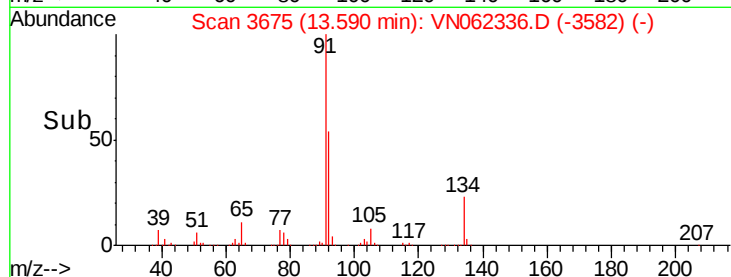
134 23.7 12.3 36.9



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) (-)



#90

Hexachloroethane

Concen: 50.514 ug/l

RT: 13.85 min Scan# 3755

Delta R.T. -0.00 min

Lab File: VN062336.D

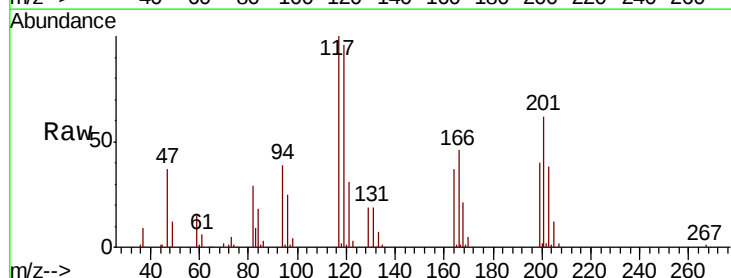
Acq: 2 Jul 2020 16:21

Tgt Ion: 117 Resp: 89123

Ion Ratio Lower Upper

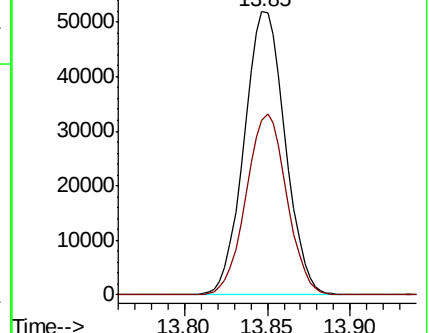
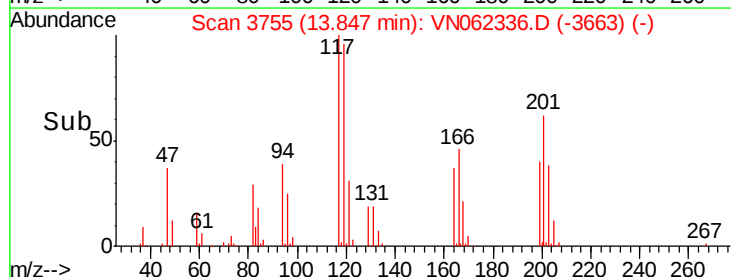
117 100

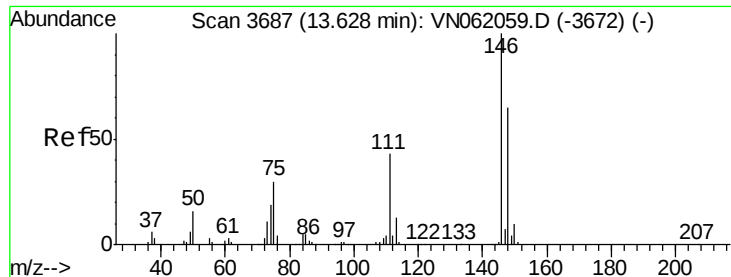
201 63.2 32.7 98.1



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

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

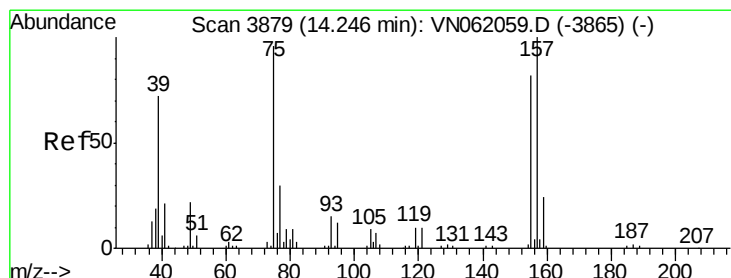
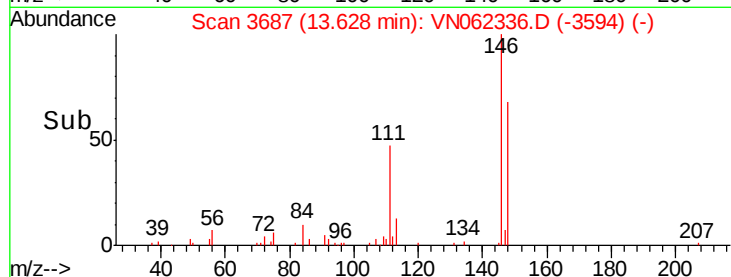
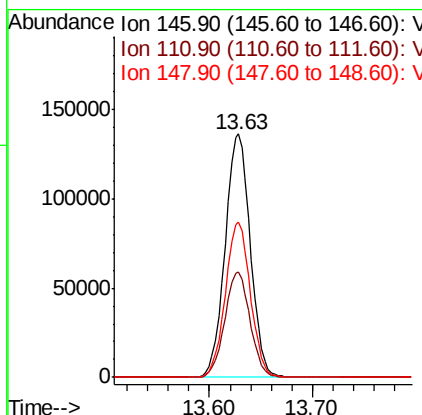
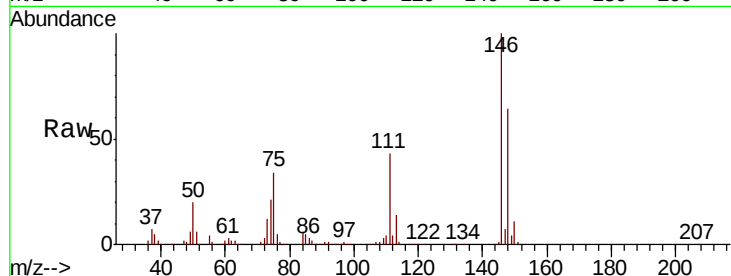




#91
 1,2-Dichlorobenzene
 Concen: 48.964 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062336.D
 Acq: 2 Jul 2020 16:21

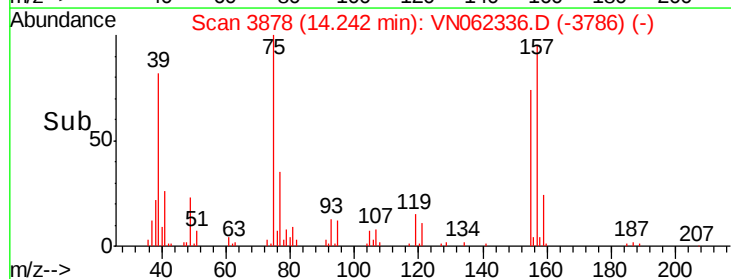
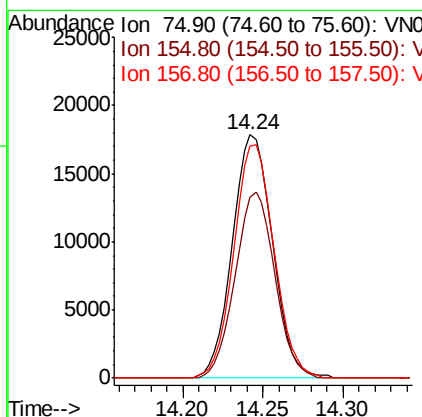
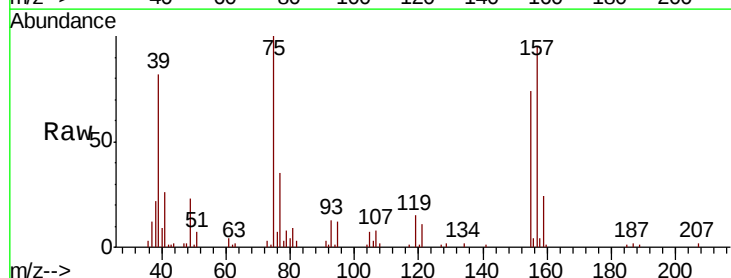
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

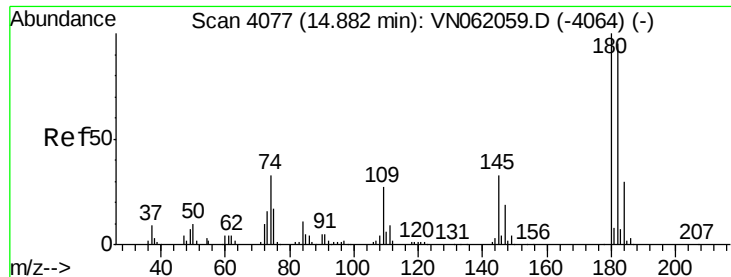
Tot Ion:146 Resp: 231759
 Ion Ratio Lower Upper
 146 100
 111 43.5 21.2 63.6
 148 63.4 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.215 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN062336.D
 Acq: 2 Jul 2020 16:21

Tgt Ion: 75 Resp: 30569
 Ion Ratio Lower Upper
 75 100
 155 75.2 40.8 122.4
 157 95.6 51.4 154.3

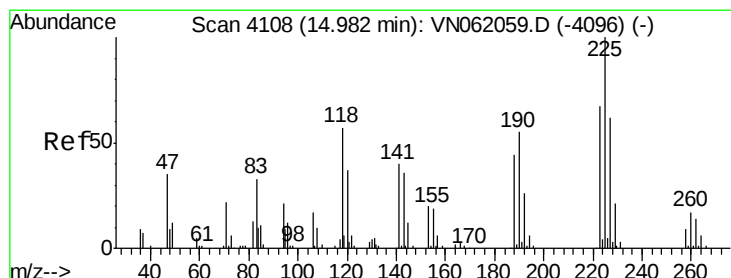
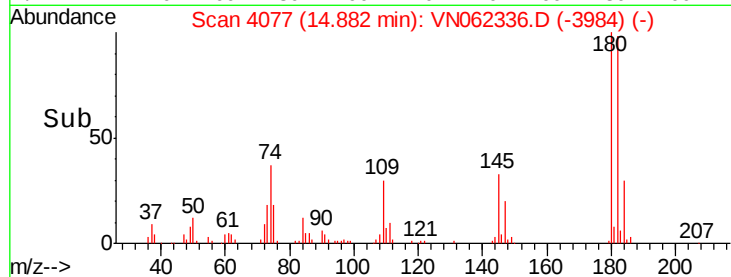
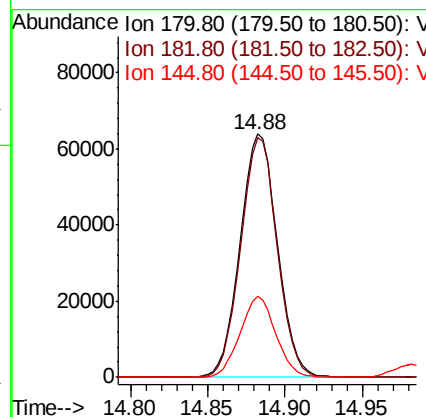
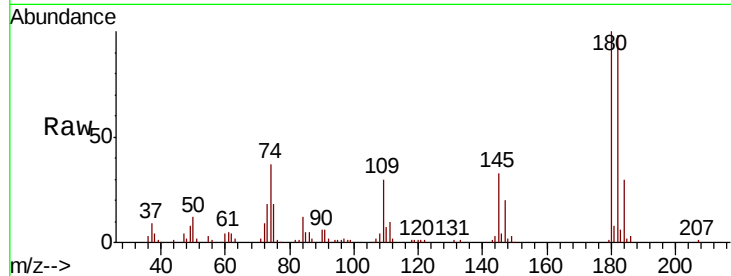




#93
 1,2,4-Trichlorobenzene
 Concen: 51.760 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN062336.D
 Acq: 2 Jul 2020 16:21

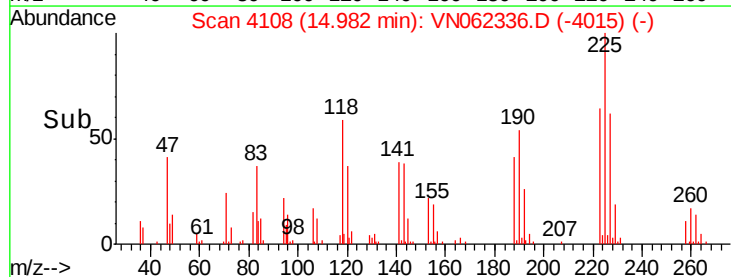
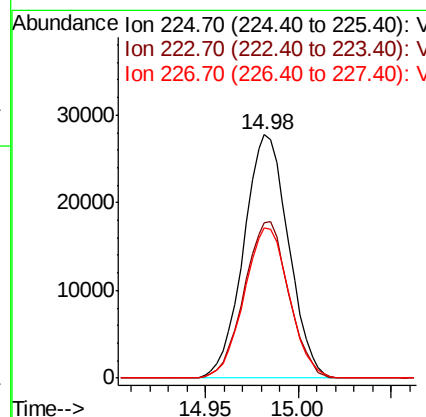
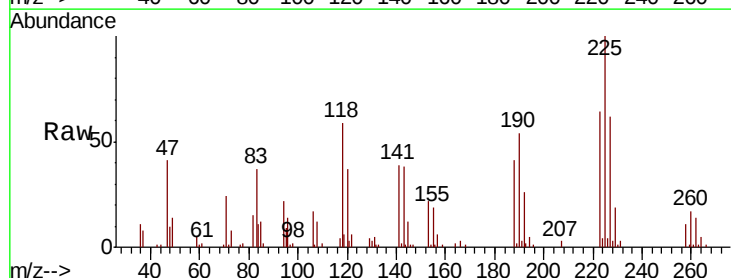
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

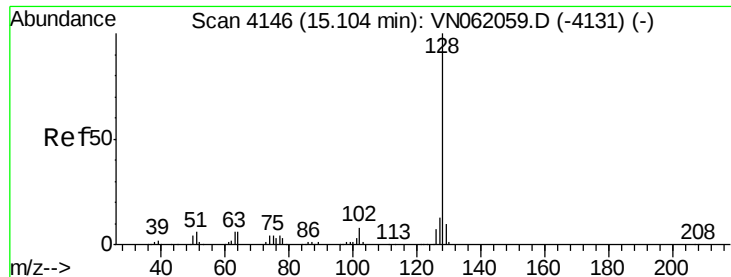
Tot Ion:180 Resp: 107028
 Ion Ratio Lower Upper
 180 100
 182 96.4 48.0 144.2
 145 32.0 16.0 48.0



#94
 Hexachlorobutadiene
 Concen: 51.804 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062336.D
 Acq: 2 Jul 2020 16:21

Tgt Ion:225 Resp: 46525
 Ion Ratio Lower Upper
 225 100
 223 63.8 32.9 98.7
 227 62.0 31.3 93.8

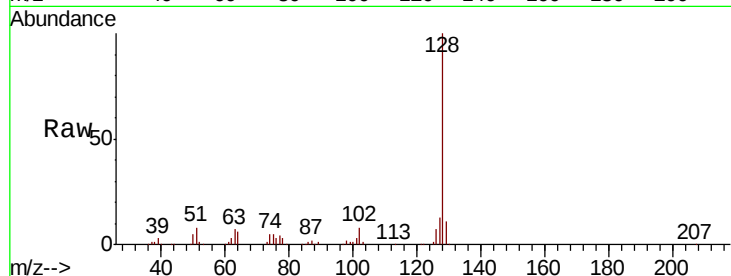




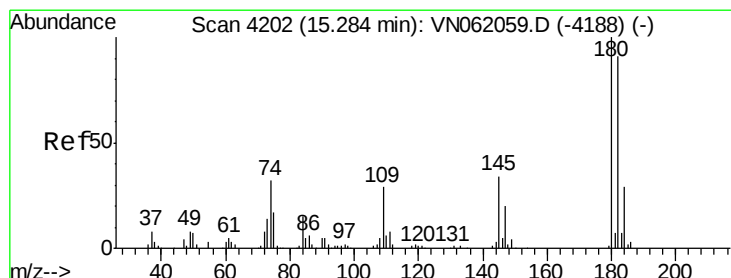
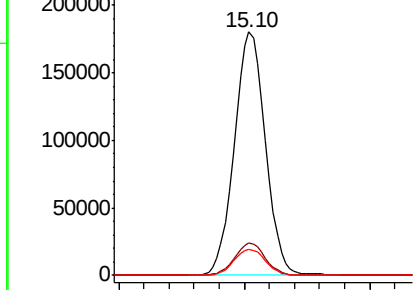
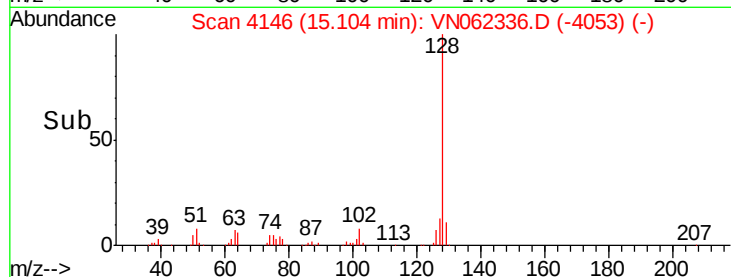
#95
Naphthalene
Concen: 45.390 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 310174
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 10.9 8.6 13.0

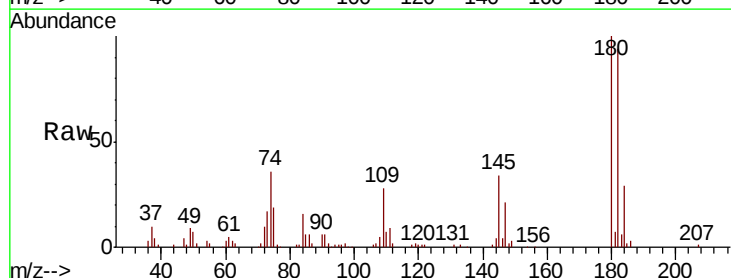


Abundance Ion 128.00 (127.70 to 128.70): V
250000
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 51.439 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

Tgt Ion:180 Resp: 108758
Ion Ratio Lower Upper
180 100
182 93.6 46.8 140.4
145 33.4 16.4 49.2



Abundance Ion 179.80 (179.50 to 180.50): V
80000
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

