

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061120\
 Data File : VN061742.D
 Acq On : 11 Jun 2020 12:16
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 12 04:59:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	365582	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	554792	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	524752	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	273192	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.98	65	183939	42.23	ug/l	0.00
Spiked Amount			Recovery	=	84.46%	
35) Dibromofluoromethane	7.54	113	144397	51.31	ug/l	0.00
Spiked Amount			Recovery	=	102.62%	
50) Toluene-d8	10.06	98	642946	49.30	ug/l	0.00
Spiked Amount			Recovery	=	98.60%	
62) 4-Bromofluorobenzene	12.37	95	231411	48.63	ug/l	0.00
Spiked Amount			Recovery	=	97.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	194995	46.284	ug/l	99
3) Chloromethane	2.03	50	185861	41.683	ug/l	99
4) Vinyl Chloride	2.16	62	259037	42.393	ug/l	99
5) Bromomethane	2.52	94	163603	46.661	ug/l	100
6) Chloroethane	2.66	64	174836	44.453	ug/l	97
7) Trichlorofluoromethane	2.98	101	369151	46.849	ug/l	100
8) Diethyl Ether	3.37	74	107651	44.680	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.71	101	174948	50.034	ug/l	95
10) Methyl Iodide	3.91	142	244751	50.424	ug/l	97
11) Tert butyl alcohol	4.73	59	129475	223.481	ug/l	99
12) 1,1-Dichloroethene	3.69	96	169879	45.476	ug/l	92
13) Acrolein	3.56	56	35452	205.821	ug/l	97
14) Allyl chloride	4.27	41	204429	41.859	ug/l	97
15) Acrylonitrile	4.93	53	352969	218.273	ug/l	99
16) Acetone	3.77	43	328188	273.989	ug/l	98
17) Carbon Disulfide	4.01	76	337606	41.078	ug/l	99
18) Methyl Acetate	4.27	43	173420	43.981	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	563798	44.284	ug/l	98
20) Methylene Chloride	4.50	84	195788	49.435	ug/l	96
21) trans-1,2-Dichloroethene	4.98	96	192438	45.679	ug/l	92
22) Diisopropyl ether	5.90	45	484196	44.983	ug/l	99
23) Vinyl Acetate	5.84	43	1764824	205.712	ug/l	97
24) 1,1-Dichloroethane	5.79	63	310548	45.497	ug/l	97
25) 2-Butanone	6.78	43	440638	213.458	ug/l	96
26) 2,2-Dichloropropane	6.77	77	296907	47.526	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	228745	47.951	ug/l	97
28) Bromochloromethane	7.14	49	122136	47.598	ug/l	95
29) Tetrahydrofuran	7.16	42	270486	198.708	ug/l	96
30) Chloroform	7.33	83	353466	46.809	ug/l	98
31) Cyclohexane	7.61	56	254257	41.419	ug/l	97
32) 1,1,1-Trichloroethane	7.52	97	318671	46.314	ug/l	99
36) 1,1-Dichloropropene	7.75	75	248784	50.655	ug/l	98
37) Ethyl Acetate	6.88	43	176177	44.537	ug/l	96
38) Carbon Tetrachloride	7.73	117	263091	55.535	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	294764	48.692	ug/l	96
40) Benzene	8.00	78	778268	51.358	ug/l	100
41) Methacrylonitrile	7.12	41	75958	41.911	ug/l	98
42) 1,2-Dichloroethane	8.08	62	247191	48.724	ug/l	100
43) Isopropyl Acetate	8.12	43	316833	44.519	ug/l	92
44) Trichloroethene	8.80	130	243398	52.264	ug/l	97
45) 1,2-Dichloropropane	9.08	63	188202	52.302	ug/l	98
46) Dibromomethane	9.17	93	139214	50.445	ug/l	95
47) Bromodichloromethane	9.37	83	285541	52.224	ug/l	98
48) Methyl methacrylate	9.17	41	138728	43.326	ug/l	95
49) 1,4-Dioxane	9.16	88	58486	1179.051	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	923936	230.377	ug/l	97
52) Toluene	10.12	92	525171	53.098	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	305566	51.878	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	331949	52.414	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	205875	52.246	ug/l	97
56) Ethyl methacrylate	10.40	69	280033	50.874	ug/l	96
57) 1,3-Dichloropropane	10.68	76	327485	51.963	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	592538	251.895	ug/l	99
59) 2-Hexanone	10.72	43	679191	235.809	ug/l	97
60) Dibromochloromethane	10.87	129	241145	53.829	ug/l	100
61) 1,2-Dibromoethane	10.98	107	216379	52.650	ug/l	99
64) Tetrachloroethene	10.60	164	268434	54.344	ug/l	97
65) Chlorobenzene	11.40	112	582966	53.446	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	224261	55.217	ug/l	98
67) Ethyl Benzene	11.48	91	1009667	53.555	ug/l	100
68) m/p-Xylenes	11.59	106	801245	107.187	ug/l	98
69) o-Xylene	11.92	106	378098	53.254	ug/l	99
70) Styrene	11.94	104	651690	55.426	ug/l	99
71) Bromoform	12.10	173	173770	55.524	ug/l #	100
73) Isopropylbenzene	12.22	105	1014494	50.879	ug/l	100
74) N-amyl acetate	12.04	43	281561	44.839	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.48	83	258800	46.316	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	341173	68.678	ug/l #	100
77) Bromobenzene	12.50	156	268686	52.790	ug/l	96
78) n-propylbenzene	12.56	91	1145270	51.450	ug/l	100
79) 2-Chlorotoluene	12.65	91	657764	49.556	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	847891	50.876	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	89868	46.262	ug/l	100
82) 4-Chlorotoluene	12.75	91	701919	50.268	ug/l	100
83) tert-Butylbenzene	12.97	119	732100	49.718	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	853891	51.575	ug/l	99
85) sec-Butylbenzene	13.15	105	958055	50.492	ug/l	99
86) p-Isopropyltoluene	13.26	119	905712	51.833	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	482092	53.489	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	485982	52.930	ug/l	98
89) n-Butylbenzene	13.59	91	745118	50.910	ug/l	99
90) Hexachloroethane	13.85	117	126653	65.540	ug/l	88
91) 1,2-Dichlorobenzene	13.63	146	456221	52.968	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	46166	40.512	ug/l	91

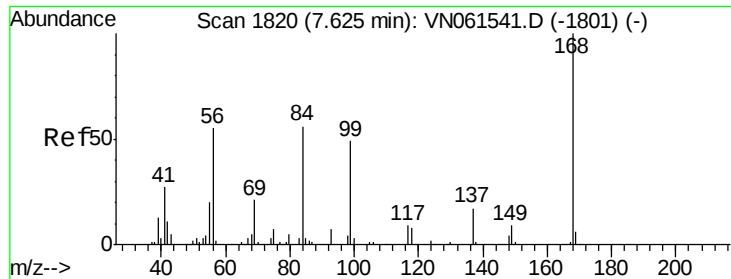
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061120\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	276304	54.851	ug/l	99
94) Hexachlorobutadiene	14.99	225	120079	55.893	ug/l	99
95) Naphthalene	15.10	128	750799	48.968	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	266371	53.783	ug/l	99

(#) = 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: VN061742.D

Acq: 11 Jun 2020 12:16

Instrument :

MSVOA_N

ClientSampleId :

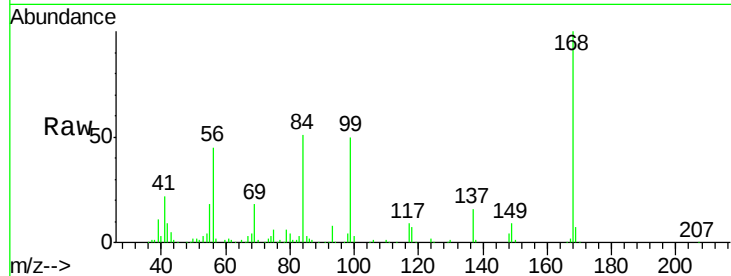
VSTDCCC050

Tot Ion:168 Resp: 365582

Ion Ratio Lower Upper

168 100

99 49.7 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

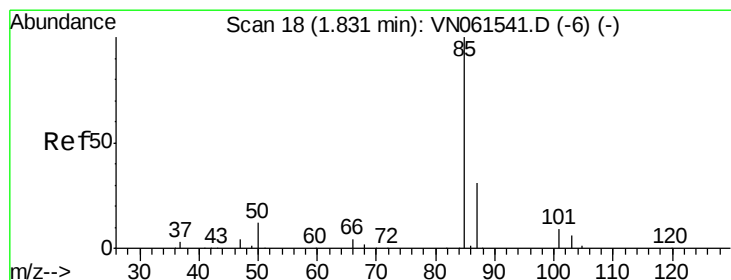
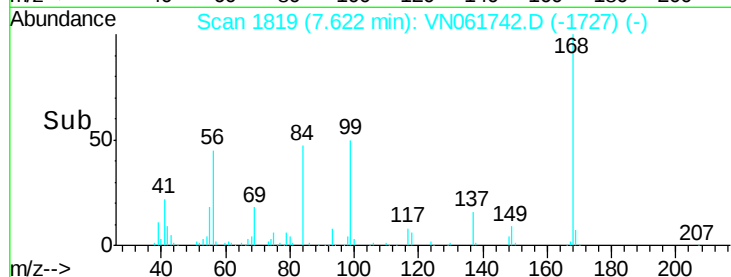
150000

100000

50000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 46.284 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061742.D

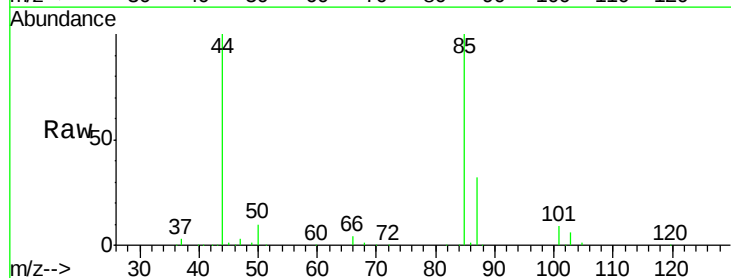
Acq: 11 Jun 2020 12:16

Tgt Ion: 85 Resp: 194995

Ion Ratio Lower Upper

85 100

87 32.0 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

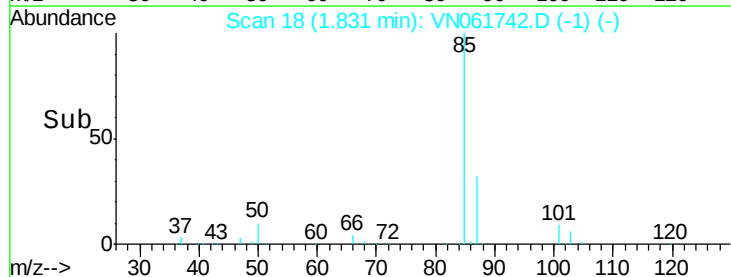
150000

100000

50000

0

Time--> 1.75 1.80 1.85 1.90





#3

Chloromethane

Concen: 41.683 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN061742.D

Acq: 11 Jun 2020 12:16

Instrument :

MSVOA_N

ClientSampleId :

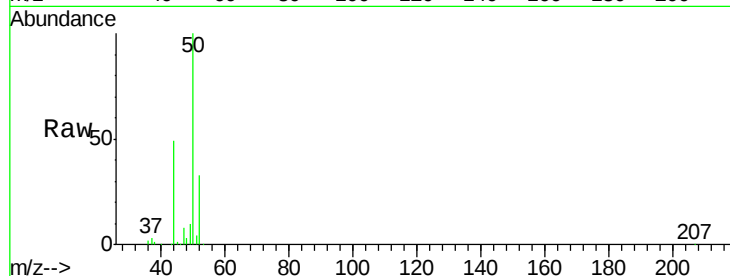
VSTDCCC050

Tot Ion: 50 Resp: 185861

Ion Ratio Lower Upper

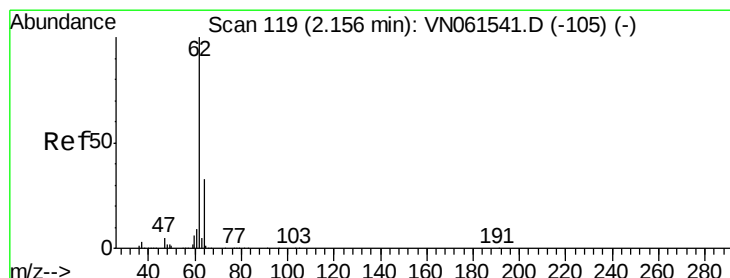
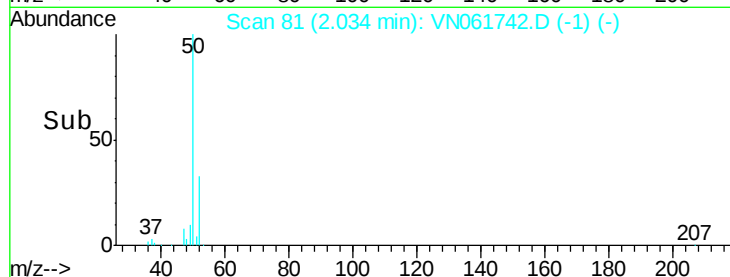
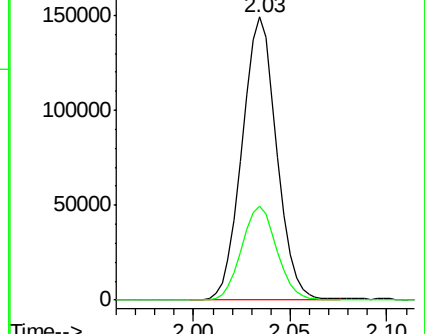
50 100

52 33.0 26.7 40.1



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 42.393 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN061742.D

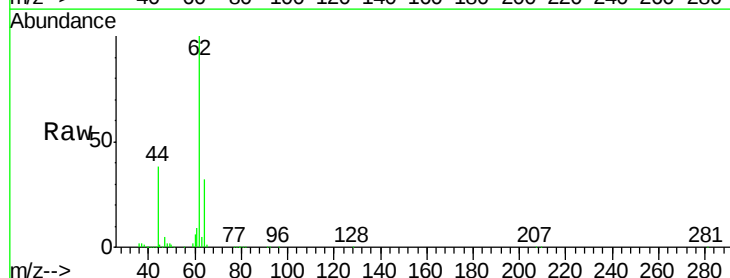
Acq: 11 Jun 2020 12:16

Tgt Ion: 62 Resp: 259037

Ion Ratio Lower Upper

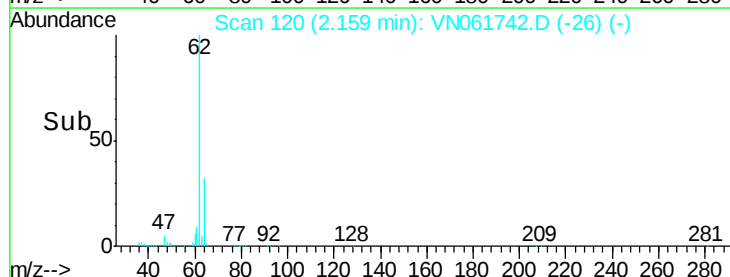
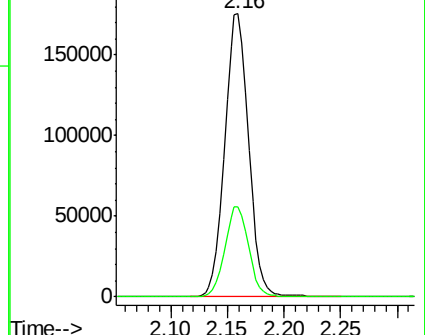
62 100

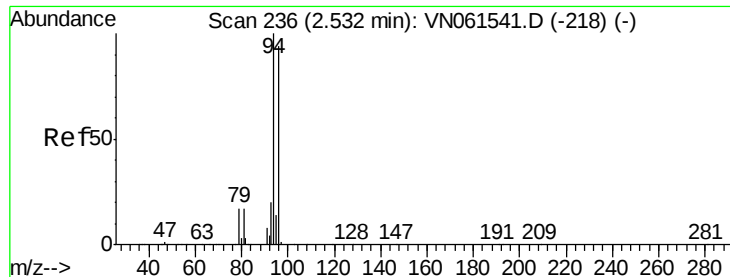
64 32.0 26.2 39.2



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 46.661 ug/l

RT: 2.52 min Scan# 232

Delta R.T. -0.01 min

Lab File: VN061742.D

Acq: 11 Jun 2020 12:16

Instrument :

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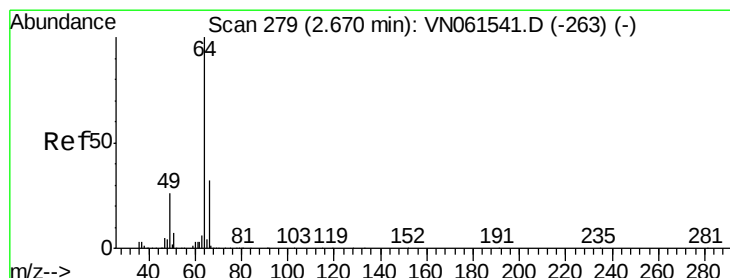
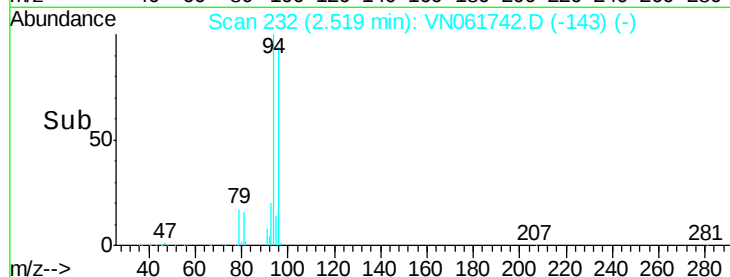
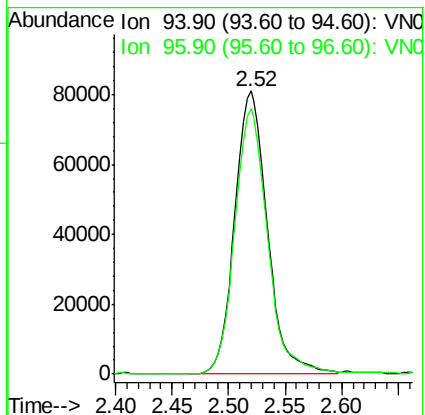
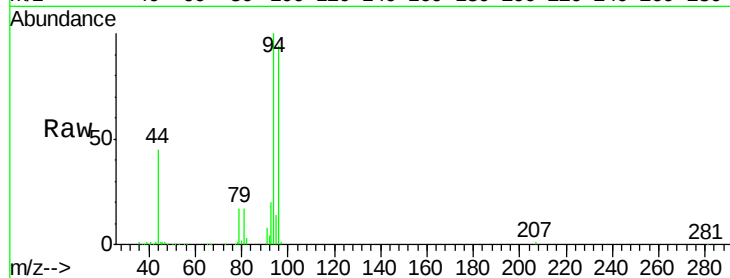
VSTDCCC050

Tot Ion: 94 Resp: 163603

Ion Ratio Lower Upper

94 100

96 93.5 74.8 112.2



#6

Chloroethane

Concen: 44.453 ug/l

RT: 2.66 min Scan# 277

Delta R.T. -0.01 min

Lab File: VN061742.D

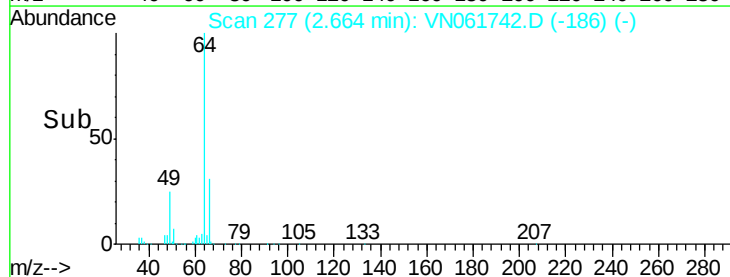
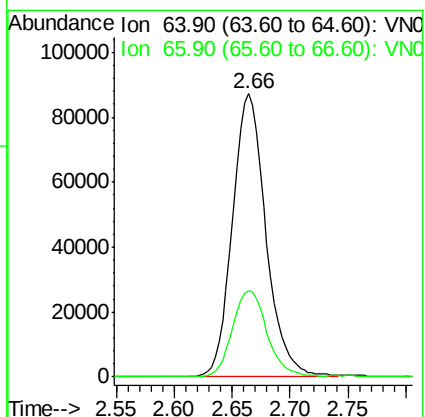
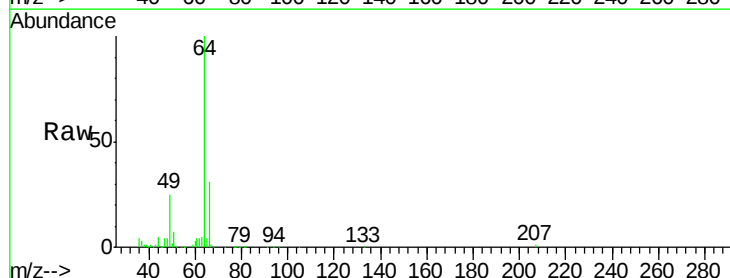
Acq: 11 Jun 2020 12:16

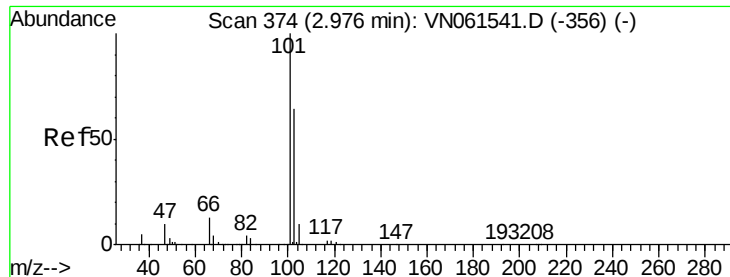
Tgt Ion: 64 Resp: 174836

Ion Ratio Lower Upper

64 100

66 30.6 25.6 38.4



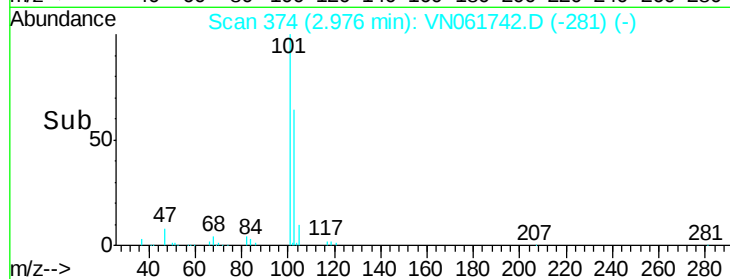
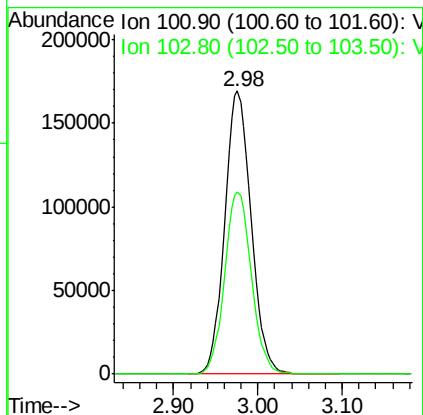
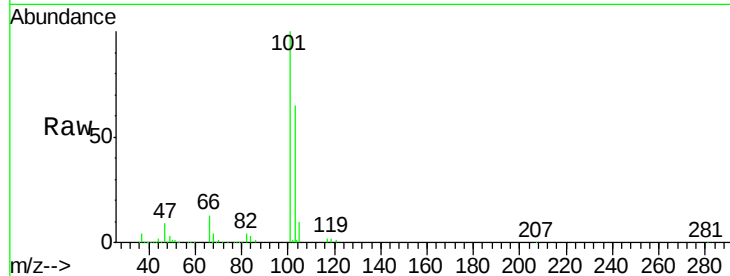


#7

Trichlorofluoromethane
 Concen: 46.849 ug/l
 RT: 2.98 min Scan# 374
 Delta R.T. 0.00 min
 Lab File: VN061742.D
 Acq: 11 Jun 2020 12:16

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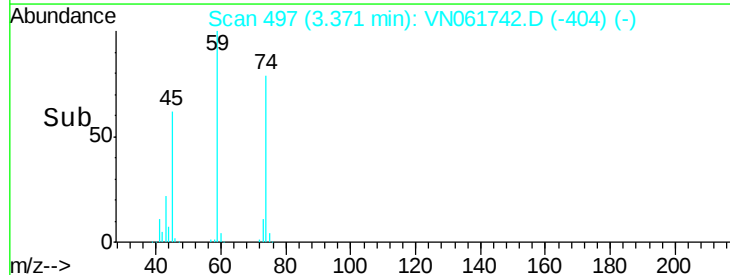
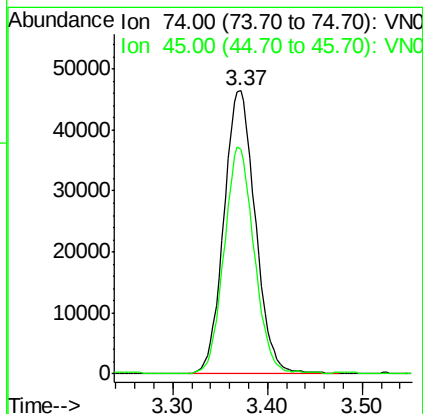
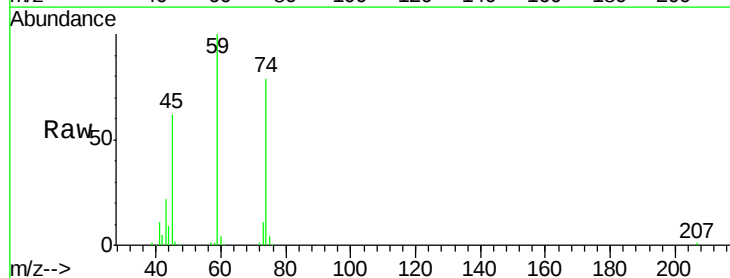
Tot Ion:101 Resp: 369151
 Ion Ratio Lower Upper
 101 100
 103 64.5 51.4 77.2

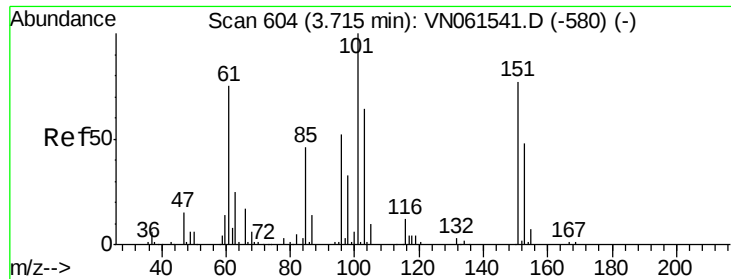


#8

Diethyl Ether
 Concen: 44.680 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. 0.00 min
 Lab File: VN061742.D
 Acq: 11 Jun 2020 12:16

Tgt Ion: 74 Resp: 107651
 Ion Ratio Lower Upper
 74 100
 45 76.0 39.9 119.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.034 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN061742.D

Acq: 11 Jun 2020 12:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

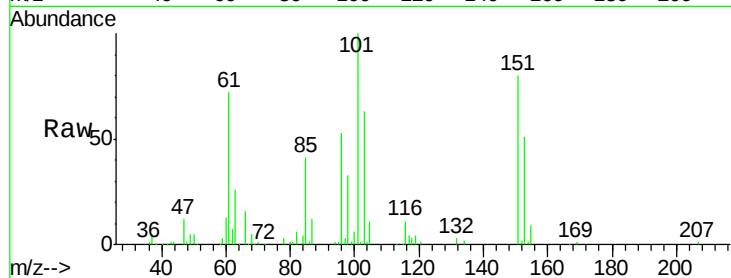
Tot Ion:101 Resp: 174948

Ion Ratio Lower Upper

101 100

85 41.9 35.2 52.8

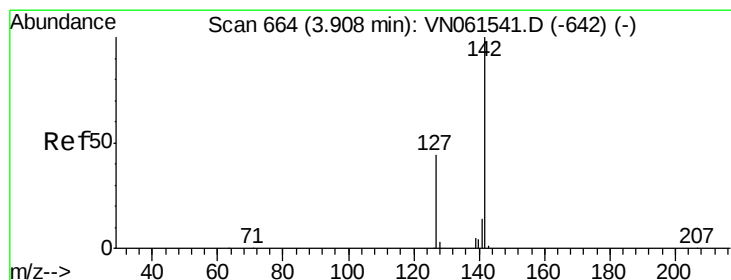
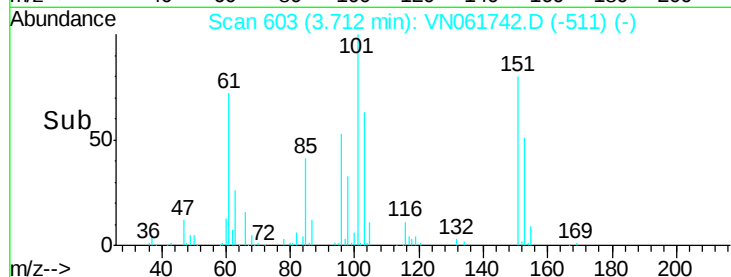
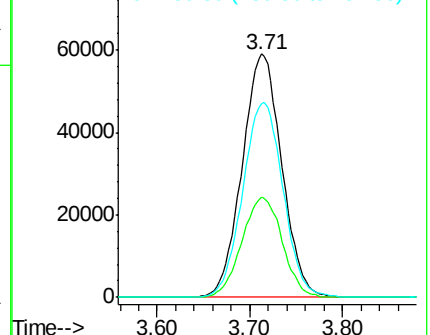
151 81.6 61.0 91.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.424 ug/l

RT: 3.91 min Scan# 663

Delta R.T. -0.00 min

Lab File: VN061742.D

Acq: 11 Jun 2020 12:16

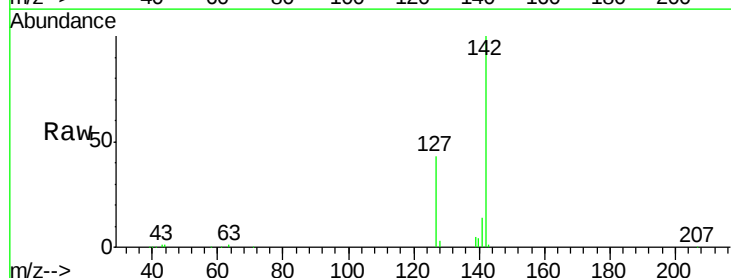
Tgt Ion:142 Resp: 244751

Ion Ratio Lower Upper

142 100

127 42.3 35.5 53.3

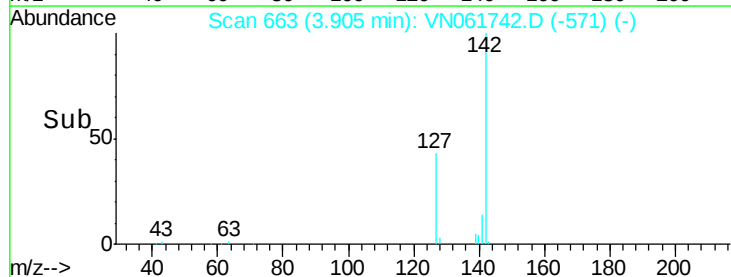
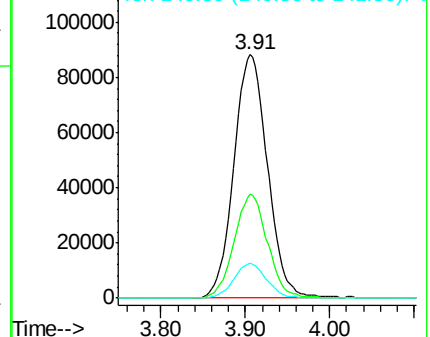
141 13.9 11.5 17.3

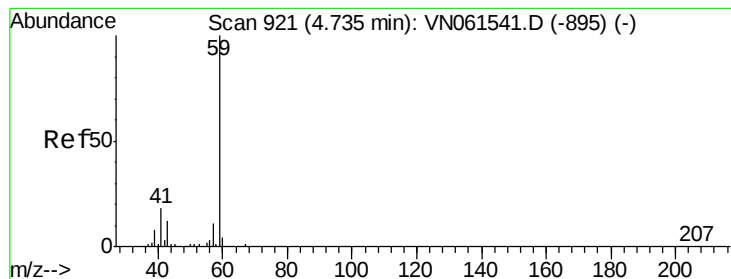


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



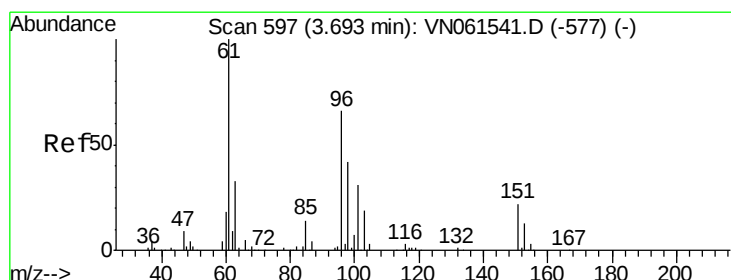
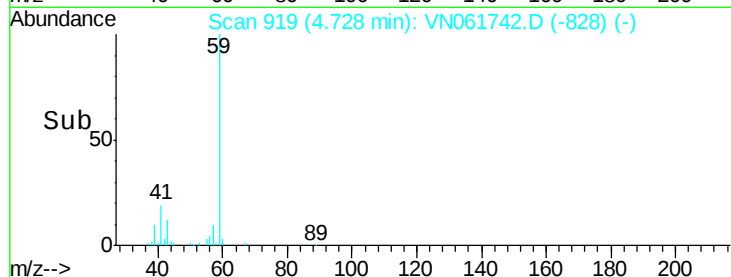
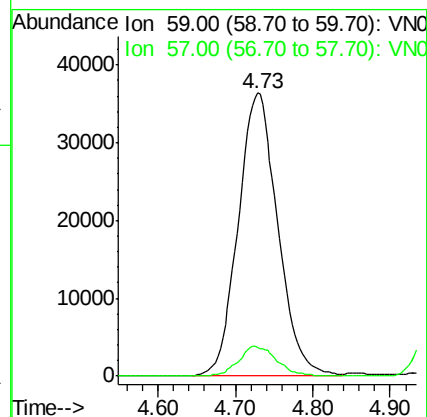
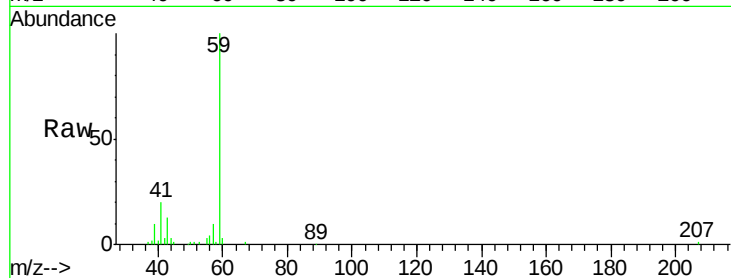


#11

Tert butyl alcohol
Concen: 223.481 ug/l
RT: 4.73 min Scan# 919
Delta R.T. -0.01 min
Lab File: VN061742.D
Acq: 11 Jun 2020 12:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

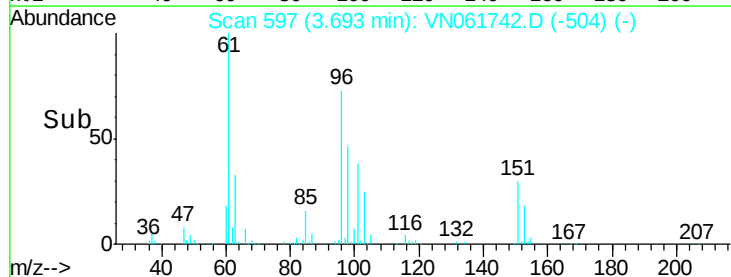
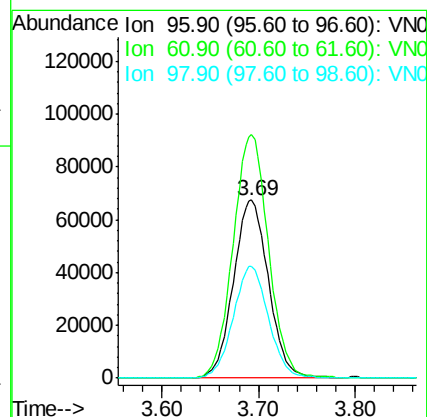
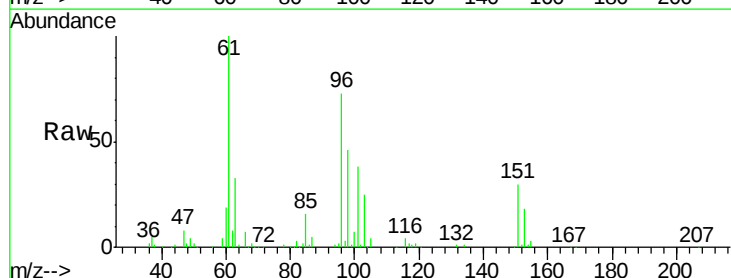
Tot Ion: 59 Resp: 129475
Ion Ratio Lower Upper
59 100
57 10.1 8.4 12.6



#12

1,1-Dichloroethene
Concen: 45.476 ug/l
RT: 3.69 min Scan# 597
Delta R.T. 0.00 min
Lab File: VN061742.D
Acq: 11 Jun 2020 12:16

Tgt Ion: 96 Resp: 169879
Ion Ratio Lower Upper
96 100
61 136.6 120.5 180.7
98 63.1 50.8 76.2





#13

Acrolein

Concen: 205.821 ug/l

RT: 3.56 min Scan# 557

Delta R.T. 0.00 min

Lab File: VN061742.D

Acq: 11 Jun 2020 12:16

Instrument :

MSVOA_N

ClientSampleId :

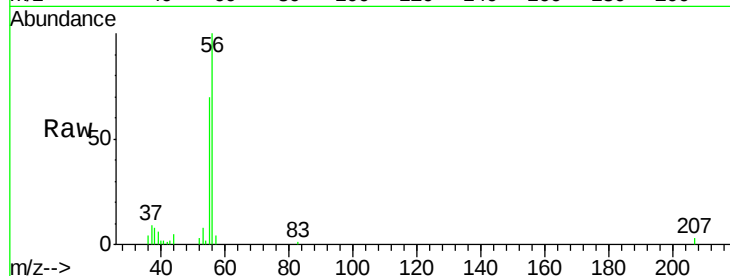
VSTDCCC050

Tot Ion: 56 Resp: 35452

Ion Ratio Lower Upper

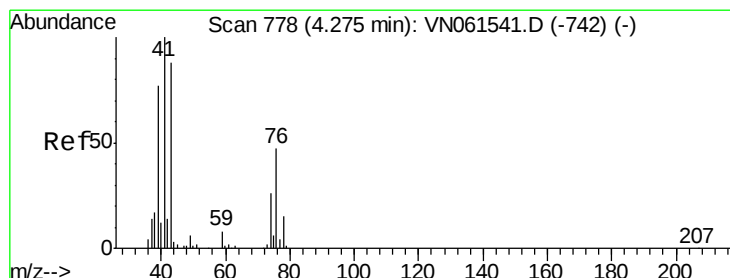
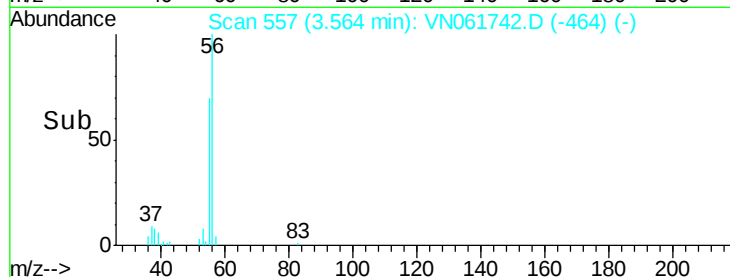
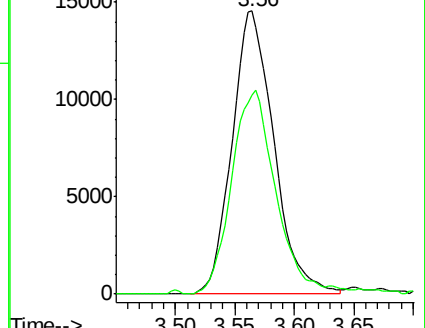
56 100

55 75.1 58.0 87.0



Abundance Ion 56.00 (55.70 to 56.70): VN061742.D (-540) (-)

Ion 55.00 (54.70 to 55.70): VN061742.D (-540) (-)



#14

Allyl chloride

Concen: 41.859 ug/l

RT: 4.27 min Scan# 776

Delta R.T. -0.01 min

Lab File: VN061742.D

Acq: 11 Jun 2020 12:16

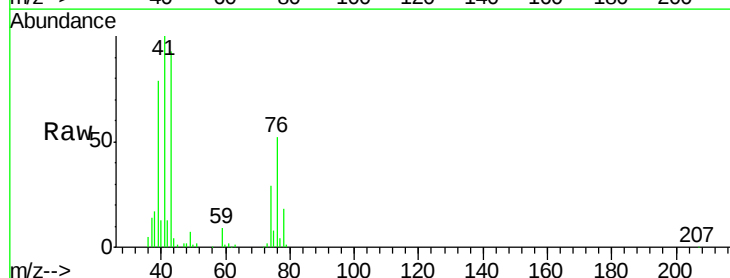
Tgt Ion: 41 Resp: 204429

Ion Ratio Lower Upper

41 100

39 74.7 58.6 88.0

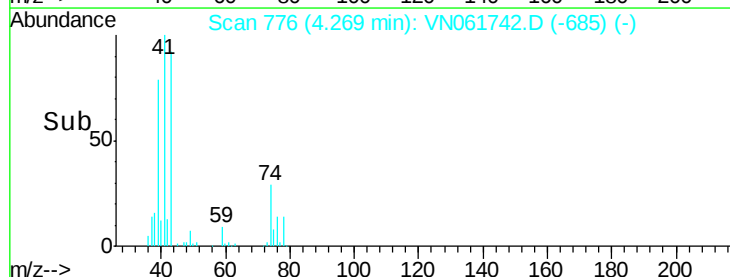
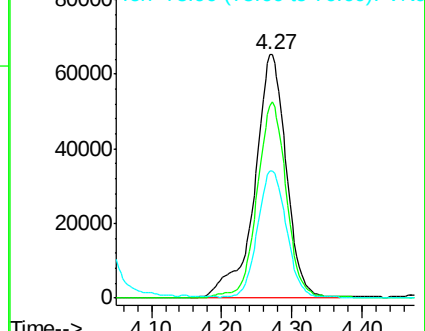
76 46.6 34.2 51.4



Abundance Ion 41.00 (40.70 to 41.70): VN061742.D (-685) (-)

Ion 39.00 (38.70 to 39.70): VN061742.D (-685) (-)

Ion 75.90 (75.60 to 76.60): VN061742.D (-685) (-)





#15

Acrylonitrile

Concen: 218.273 ug/l

RT: 4.93 min Scan# 981

Delta R.T. 0.00 min

Lab File: VN061742.D

Acq: 11 Jun 2020 12:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

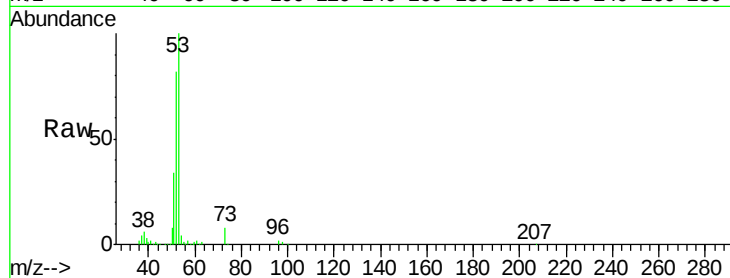
Tot Ion: 53 Resp: 352969

Ion Ratio Lower Upper

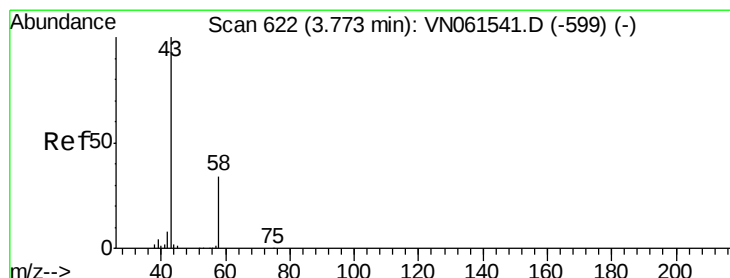
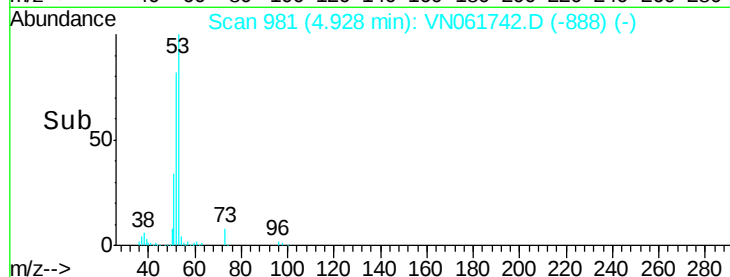
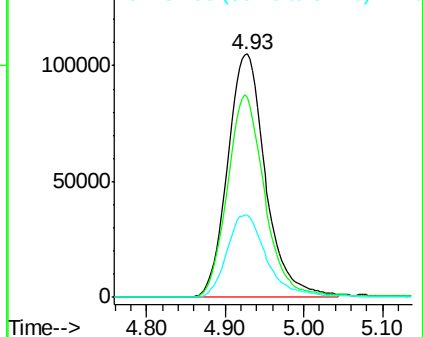
53 100

52 82.1 65.4 98.2

51 35.4 29.0 43.6



Abundance Ion 53.00 (52.70 to 53.70): VNO
Ion 52.00 (51.70 to 52.70): VNO
Ion 51.00 (50.70 to 51.70): VNO



#16

Acetone

Concen: 273.989 ug/l

RT: 3.77 min Scan# 621

Delta R.T. -0.00 min

Lab File: VN061742.D

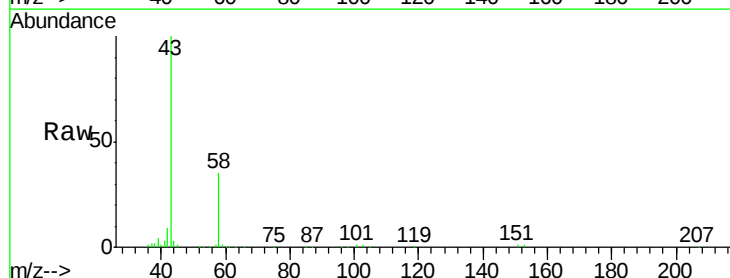
Acq: 11 Jun 2020 12:16

Tgt Ion: 43 Resp: 328188

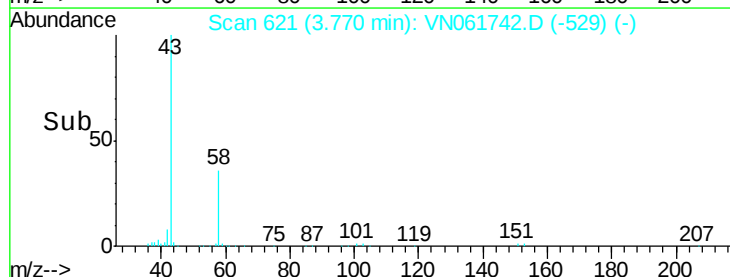
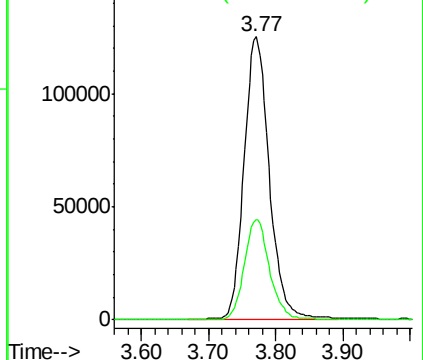
Ion Ratio Lower Upper

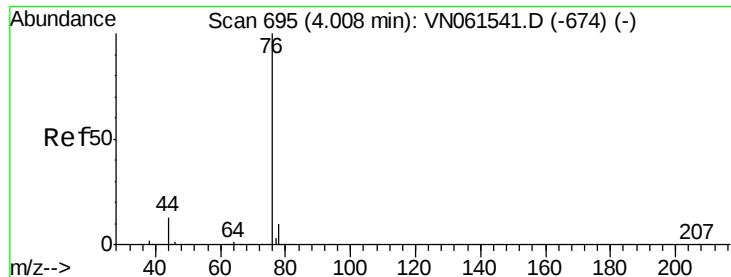
43 100

58 35.4 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 58.00 (57.70 to 58.70): VNO

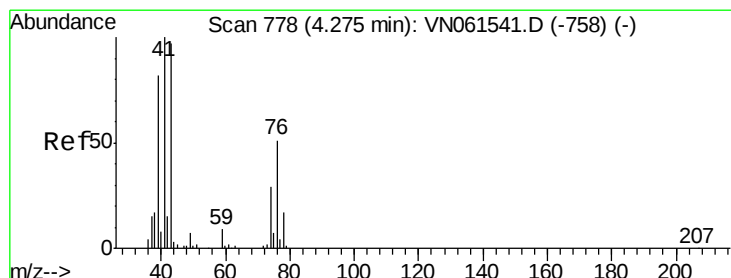
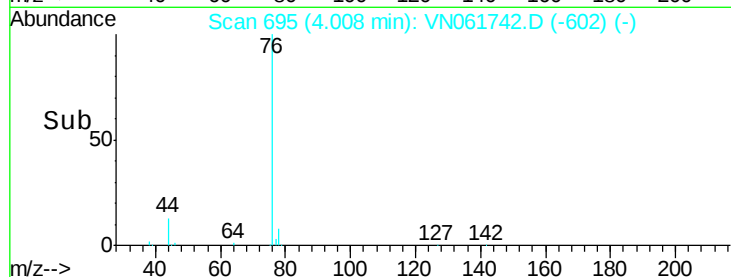
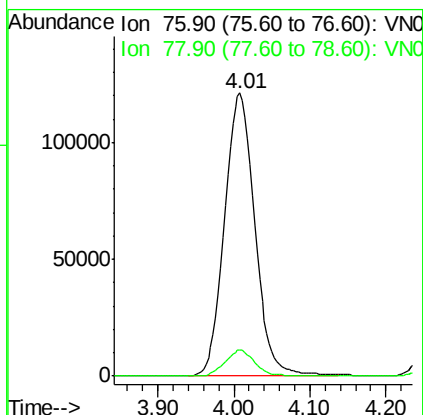
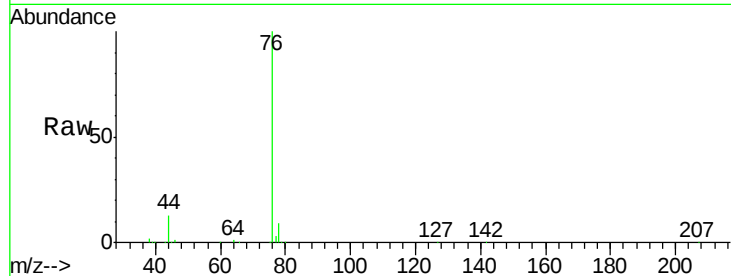




#17
Carbon Disulfide
Concen: 41.078 ug/l
RT: 4.01 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN061742.D
Acq: 11 Jun 2020 12:16

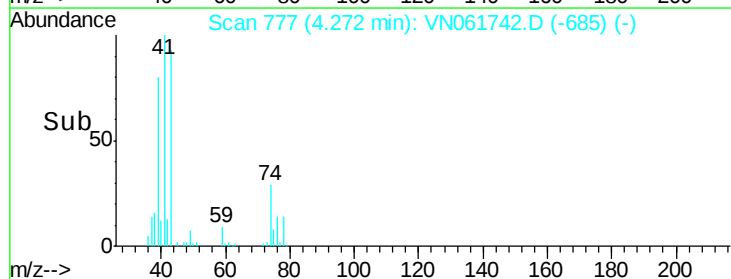
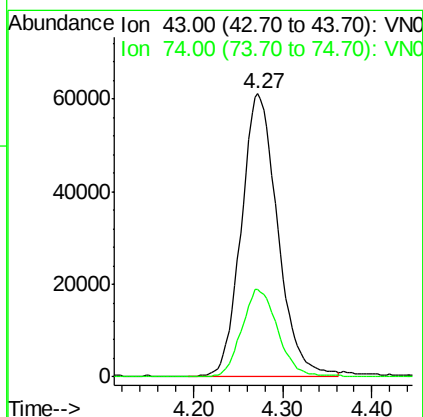
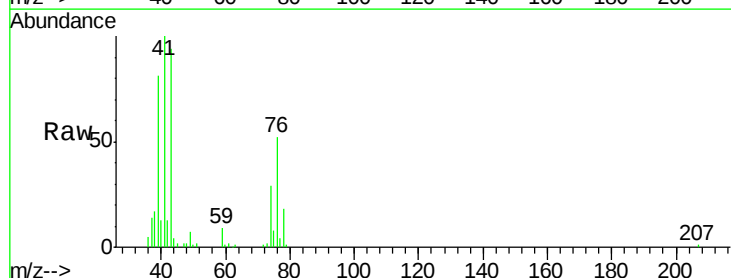
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

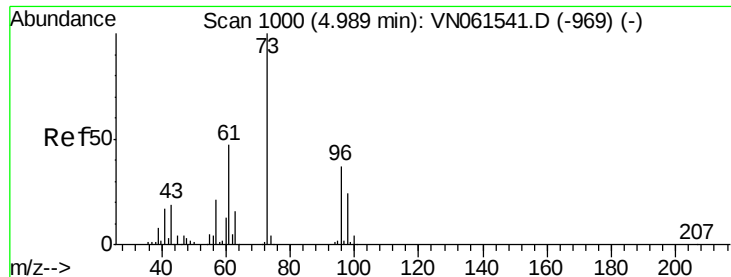
Tot Ion: 76 Resp: 337606
Ion Ratio Lower Upper
76 100
78 9.5 7.8 11.6



#18
Methyl Acetate
Concen: 43.981 ug/l
RT: 4.27 min Scan# 777
Delta R.T. -0.00 min
Lab File: VN061742.D
Acq: 11 Jun 2020 12:16

Tgt Ion: 43 Resp: 173420
Ion Ratio Lower Upper
43 100
74 30.8 23.2 34.8

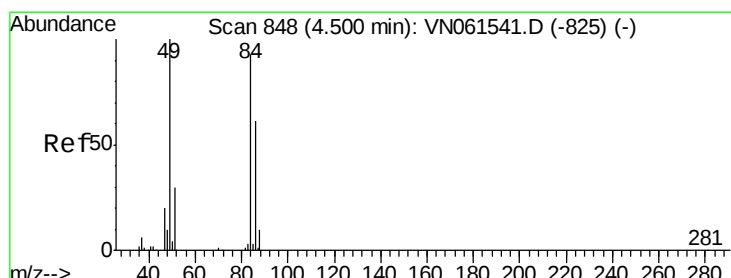
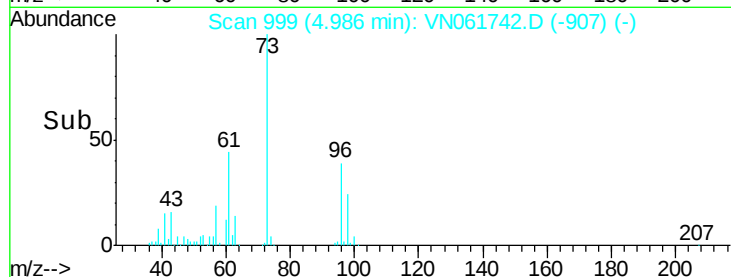
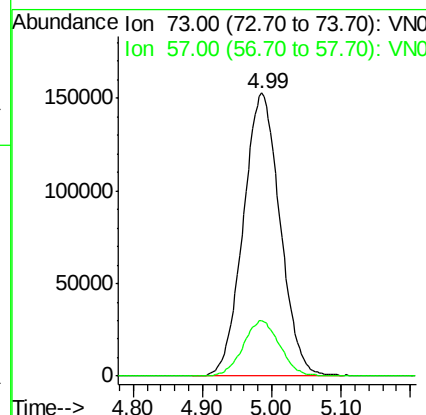
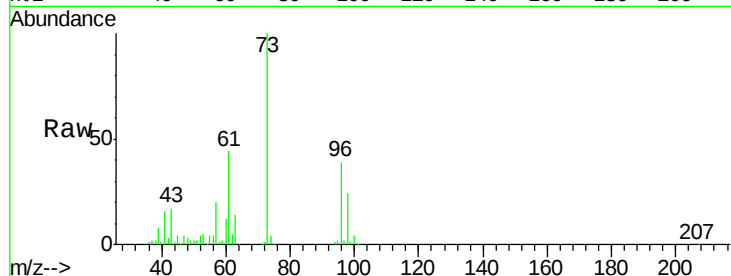




#19
Methvl tert-butvl Ether
Concen: 44.284 ug/l
RT: 4.99 min Scan# 999
Delta R.T. -0.00 min
Lab File: VN061742.D
Acq: 11 Jun 2020 12:16

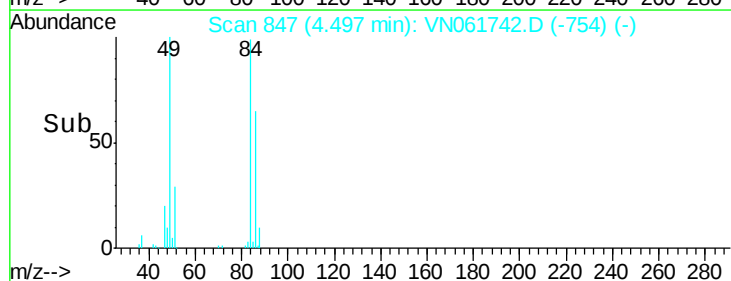
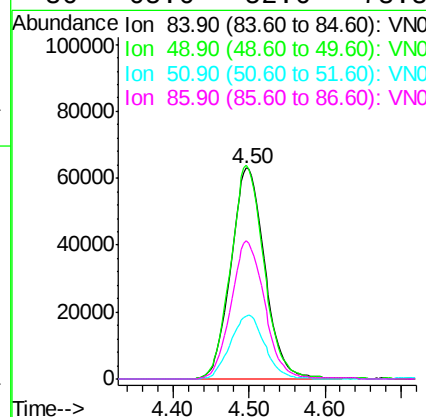
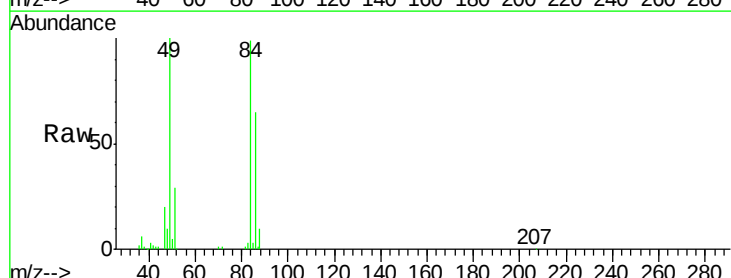
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

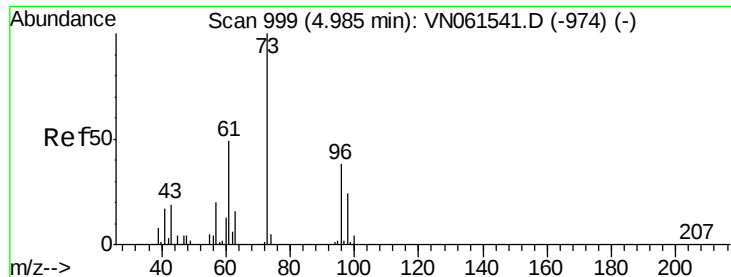
Tot Ion: 73 Resp: 563798
Ion Ratio Lower Upper
73 100
57 19.6 16.4 24.6



#20
Methylene Chloride
Concen: 49.435 ug/l
RT: 4.50 min Scan# 847
Delta R.T. -0.00 min
Lab File: VN061742.D
Acq: 11 Jun 2020 12:16

Tgt Ion: 84 Resp: 195788
Ion Ratio Lower Upper
84 100
49 101.2 85.8 128.8
51 29.7 26.2 39.2
86 65.6 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 45.679 ug/l

RT: 4.98 min Scan# 998

Delta R.T. -0.00 min

Lab File: VN061742.D

Acq: 11 Jun 2020 12:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

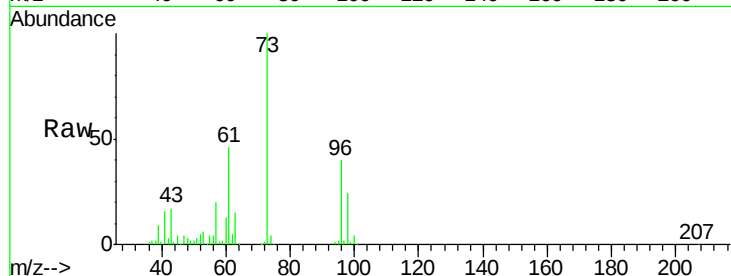
Tot Ion: 96 Resp: 192438

Ion Ratio Lower Upper

96 100

61 114.6 101.4 152.0

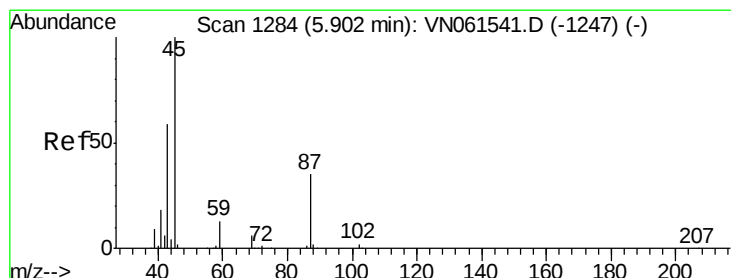
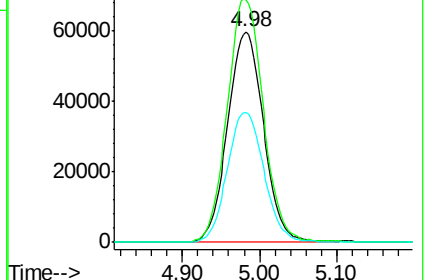
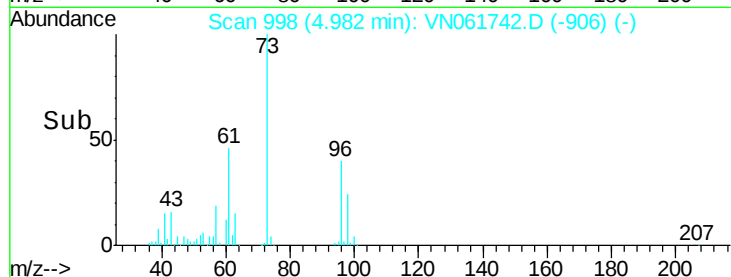
98 61.7 50.6 76.0



Abundance Ion 95.90 (95.60 to 96.60): VN061742.D (-906) (-)

Ion 60.90 (60.60 to 61.60): VN061742.D (-906) (-)

Ion 97.90 (97.60 to 98.60): VN061742.D (-906) (-)



#22

Diisopropyl ether

Concen: 44.983 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. -0.01 min

Lab File: VN061742.D

Acq: 11 Jun 2020 12:16

Tgt Ion: 45 Resp: 484196

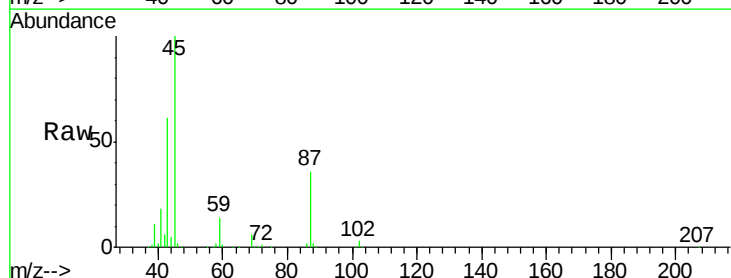
Ion Ratio Lower Upper

45 100

43 59.3 47.9 71.9

87 35.7 28.4 42.6

59 13.6 10.5 15.7

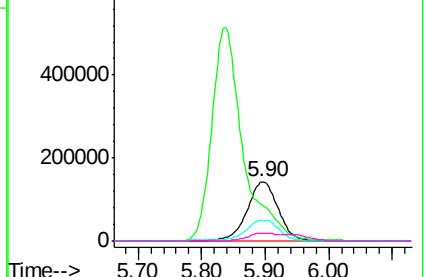
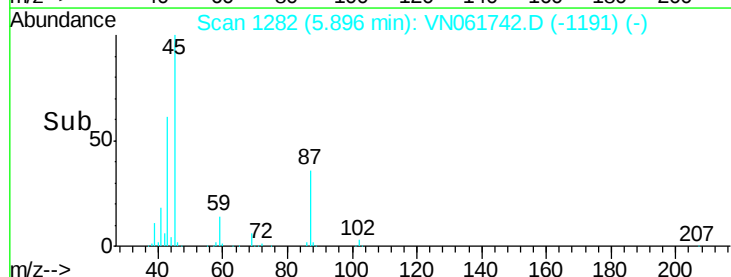


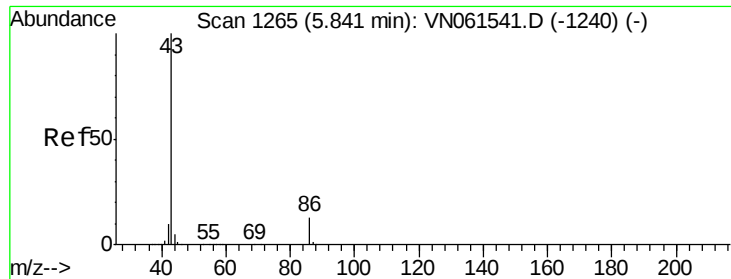
Abundance Ion 45.00 (44.70 to 45.70): VN061742.D (-1191) (-)

Ion 43.00 (42.70 to 43.70): VN061742.D (-1191) (-)

Ion 87.00 (86.70 to 87.70): VN061742.D (-1191) (-)

Ion 59.00 (58.70 to 59.70): VN061742.D (-1191) (-)

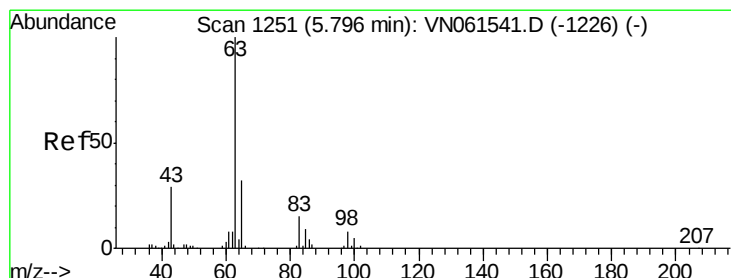
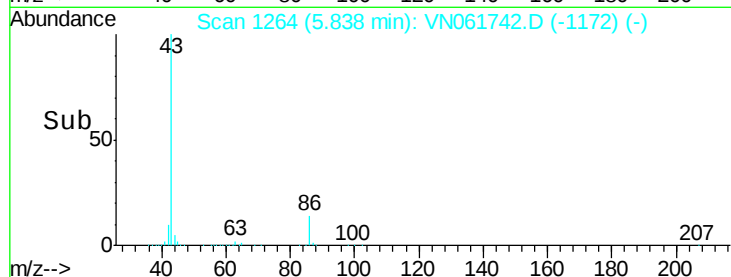
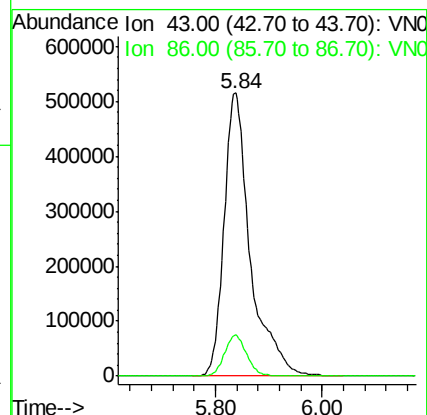
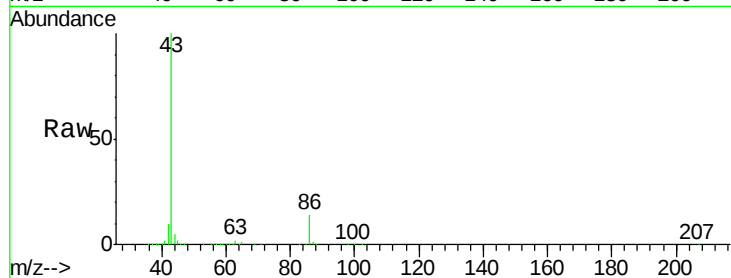




#23
 Vinyl Acetate
 Concen: 205.712 ug/l
 RT: 5.84 min Scan# 1264
 Delta R.T. -0.00 min
 Lab File: VN061742.D
 Acq: 11 Jun 2020 12:16

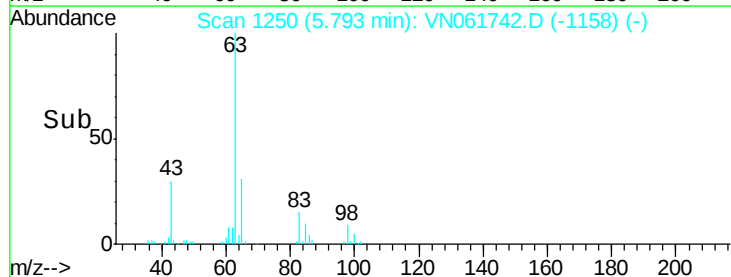
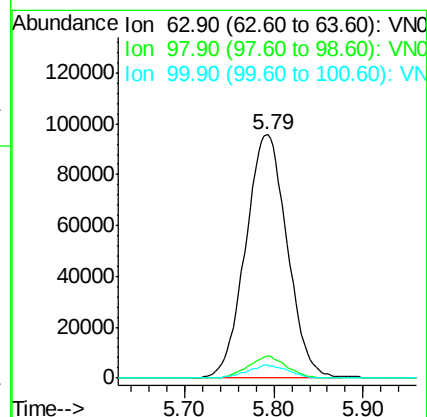
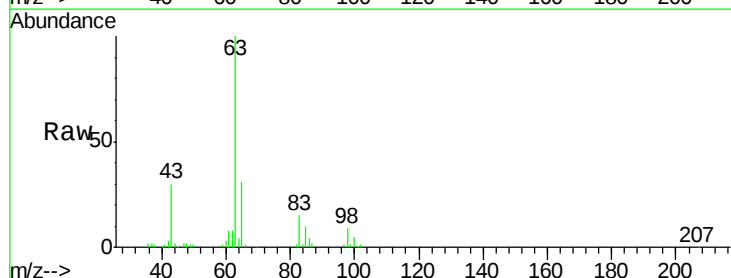
Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050

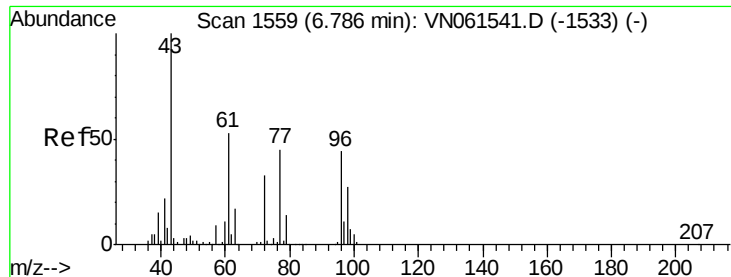
Tot Ion: 43 Resp: 1764824
 Ion Ratio Lower Upper
 43 100
 86 14.5 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 45.497 ug/l
 RT: 5.79 min Scan# 1250
 Delta R.T. -0.00 min
 Lab File: VN061742.D
 Acq: 11 Jun 2020 12:16

Tgt Ion: 63 Resp: 310548
 Ion Ratio Lower Upper
 63 100
 98 9.1 3.8 11.4
 100 5.3 2.5 7.6

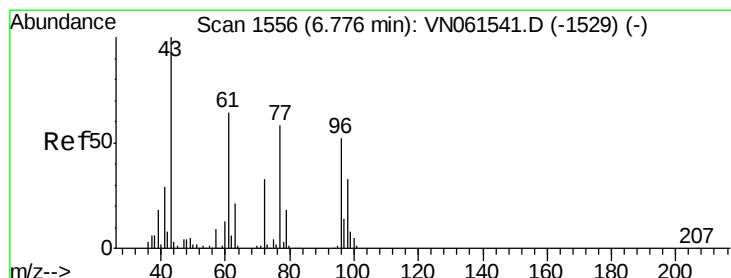
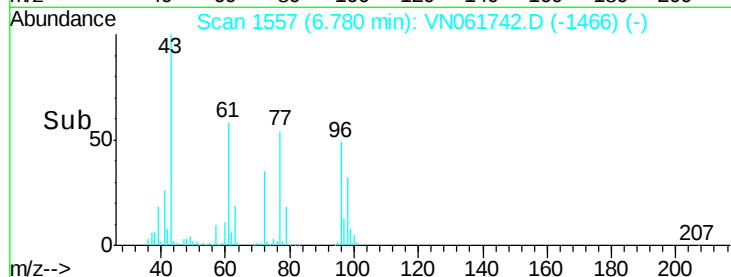
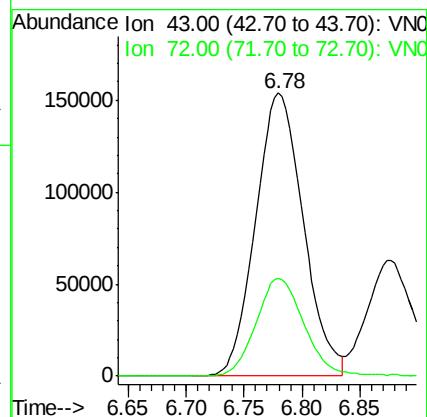
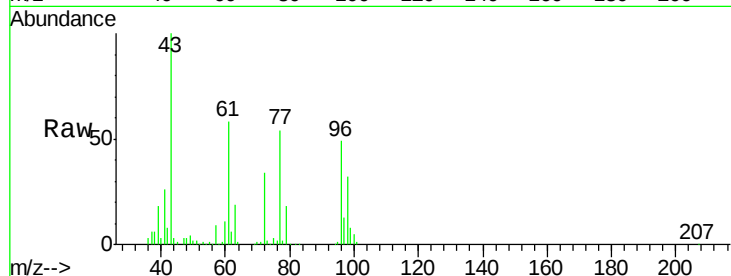




#25
2-Butanone
Concen: 213.458 ug/l
RT: 6.78 min Scan# 1557
Delta R.T. -0.01 min
Lab File: VN061742.D
Acq: 11 Jun 2020 12:16

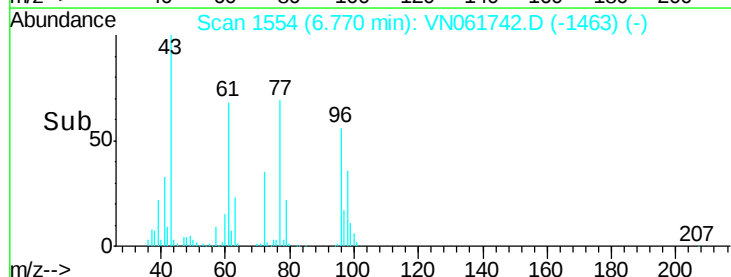
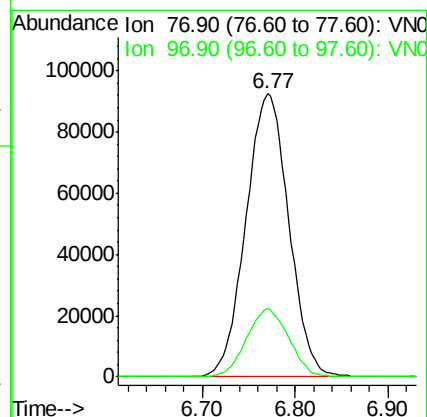
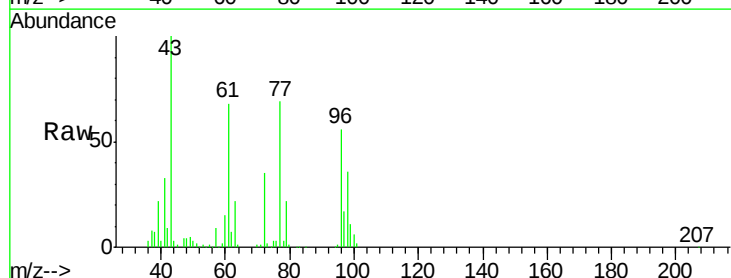
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

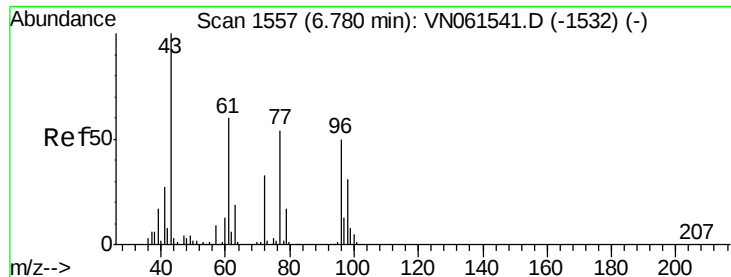
Tot Ion: 43 Resp: 440638
Ion Ratio Lower Upper
43 100
72 34.5 26.0 39.0



#26
2,2-Dichloropropane
Concen: 47.526 ug/l
RT: 6.77 min Scan# 1554
Delta R.T. -0.01 min
Lab File: VN061742.D
Acq: 11 Jun 2020 12:16

Tgt Ion: 77 Resp: 296907
Ion Ratio Lower Upper
77 100
97 23.8 12.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 47.951 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.00 min

Lab File: VN061742.D

Acq: 11 Jun 2020 12:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

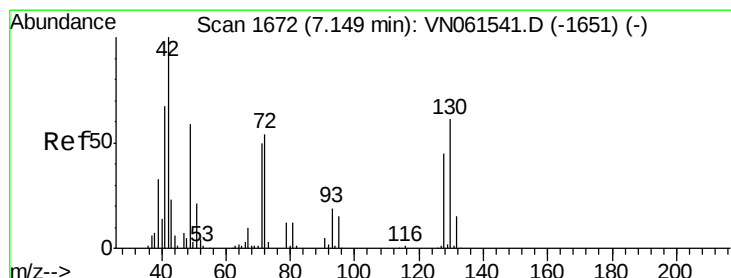
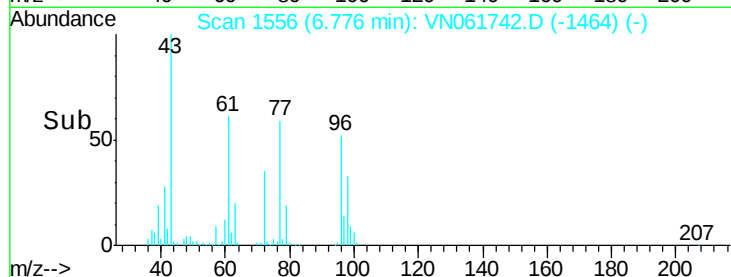
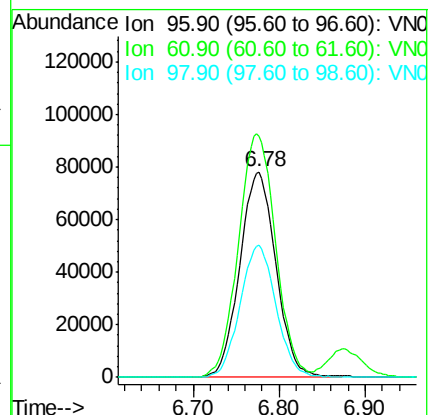
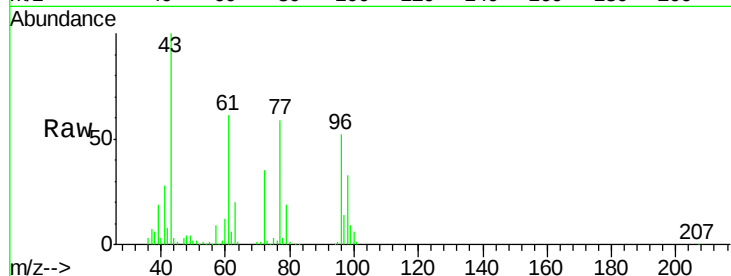
Tot Ion: 96 Resp: 228745

Ion Ratio Lower Upper

96 100

61 121.7 0.0 252.2

98 64.0 0.0 129.2



#28

Bromochloromethane

Concen: 47.598 ug/l

RT: 7.14 min Scan# 1670

Delta R.T. -0.01 min

Lab File: VN061742.D

Acq: 11 Jun 2020 12:16

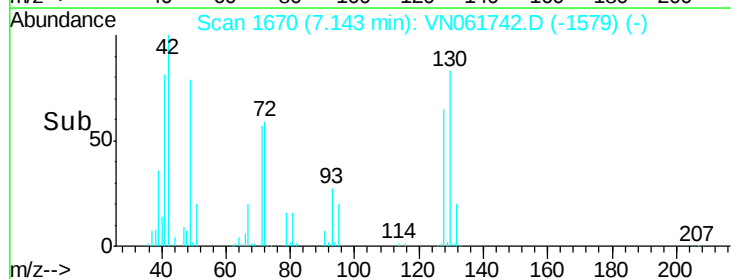
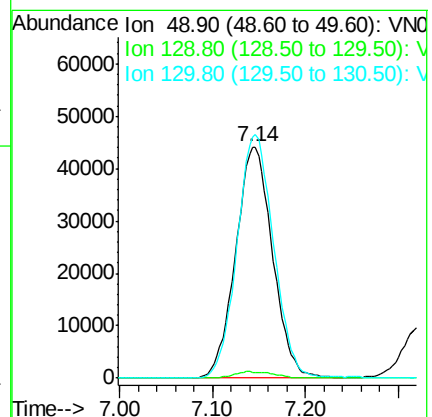
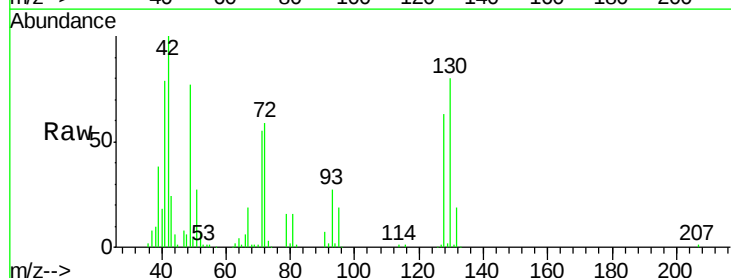
Tgt Ion: 49 Resp: 122136

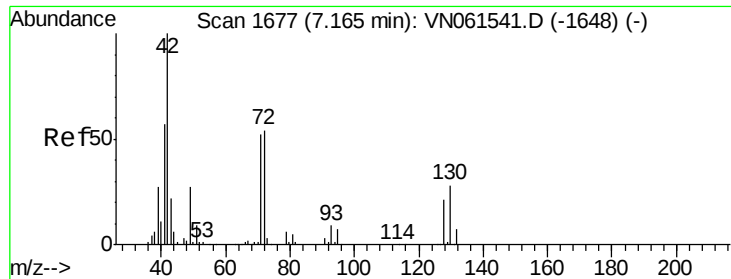
Ion Ratio Lower Upper

49 100

129 2.8 0.0 4.8

130 104.1 78.8 118.2

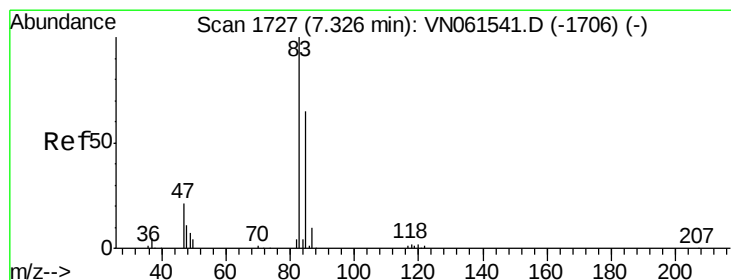
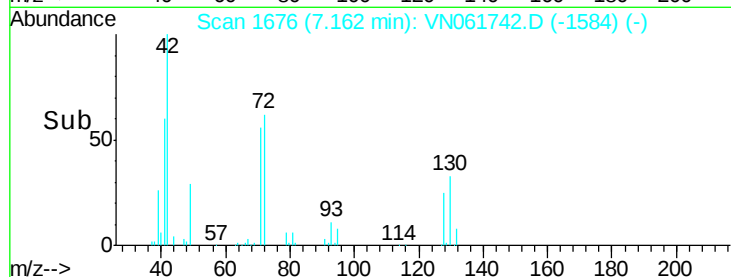
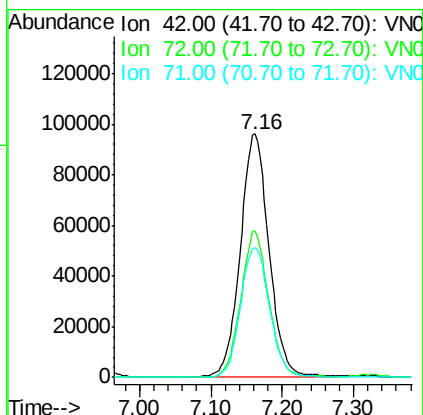
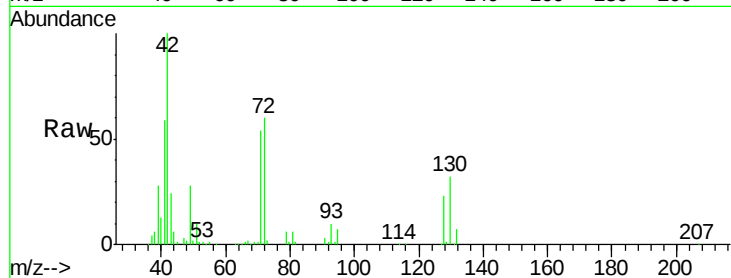




#29
Tetrahydrofuran
Concen: 198.708 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. -0.00 min
Lab File: VN061742.D
Acq: 11 Jun 2020 12:16

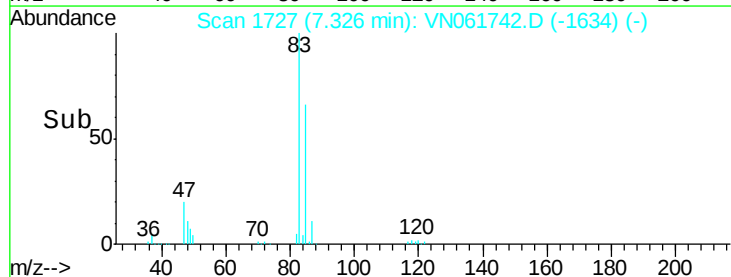
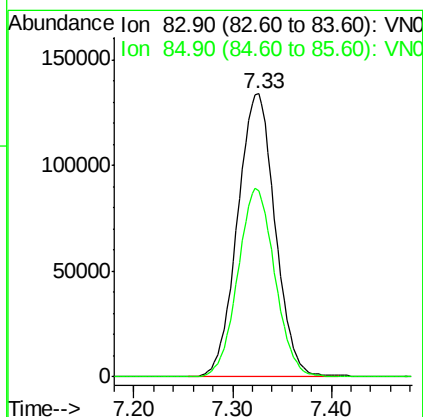
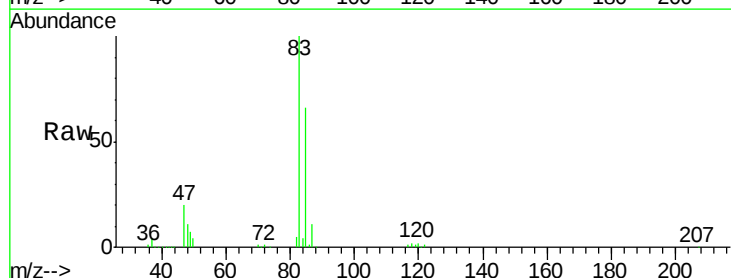
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 42 Resp: 270486
Ion Ratio Lower Upper
42 100
72 58.3 43.6 65.4
71 53.2 41.2 61.8



#30
Chloroform
Concen: 46.809 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VN061742.D
Acq: 11 Jun 2020 12:16

Tgt Ion: 83 Resp: 353466
Ion Ratio Lower Upper
83 100
85 65.8 51.7 77.5





#31

Cyclohexane

Concen: 41.419 ug/l

RT: 7.61 min Scan# 1815

Delta R.T. -0.00 min

Lab File: VN061742.D

Acq: 11 Jun 2020 12:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

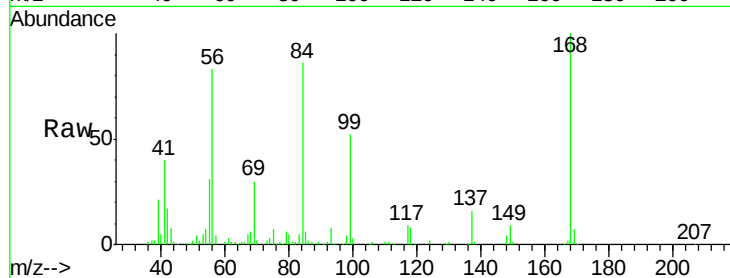
Tot Ion: 56 Resp: 254257

Ion Ratio Lower Upper

56 100

69 36.6 27.8 41.8

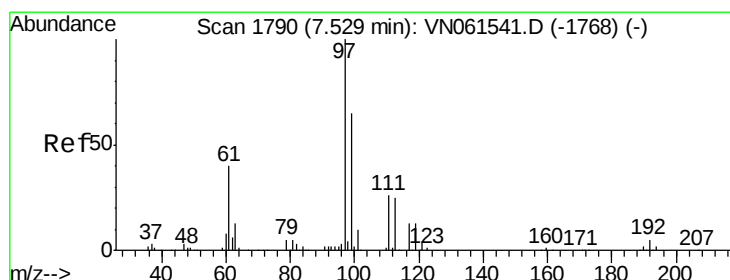
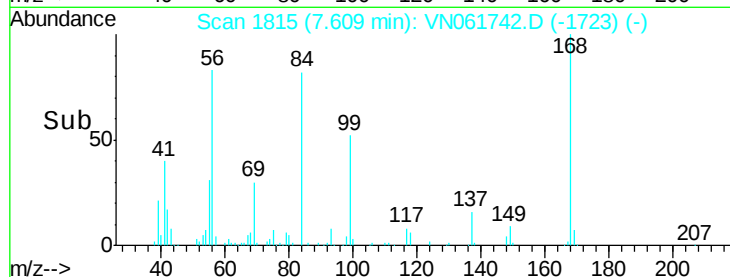
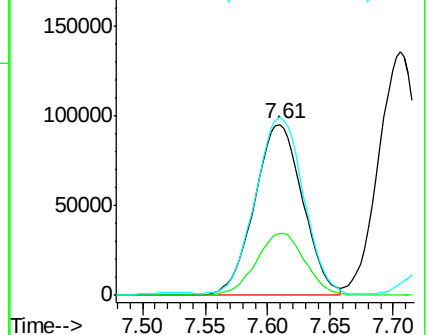
84 102.6 79.9 119.9



Abundance Ion 56.00 (55.70 to 56.70): VN061742.D (-1723) (-)

Ion 69.00 (68.70 to 69.70): VN061742.D (-1723) (-)

Ion 84.00 (83.70 to 84.70): VN061742.D (-1723) (-)



#32

1,1,1-Trichloroethane

Concen: 46.314 ug/l

RT: 7.52 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VN061742.D

Acq: 11 Jun 2020 12:16

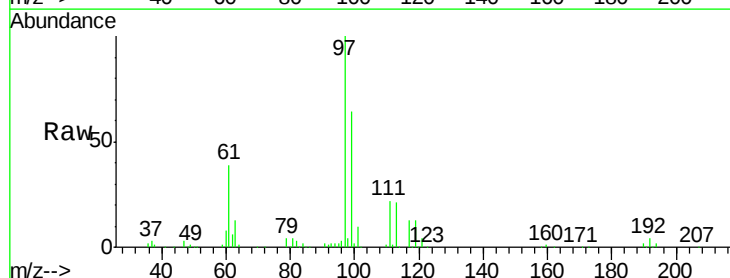
Tgt Ion: 97 Resp: 318671

Ion Ratio Lower Upper

97 100

99 64.1 51.4 77.0

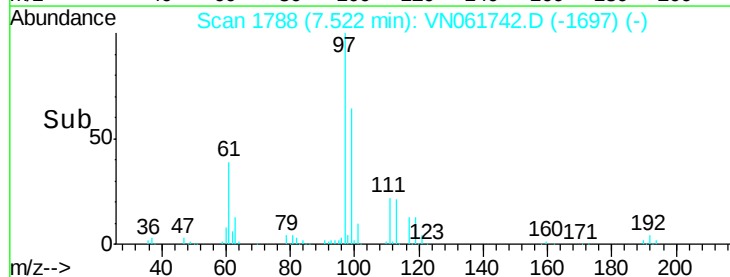
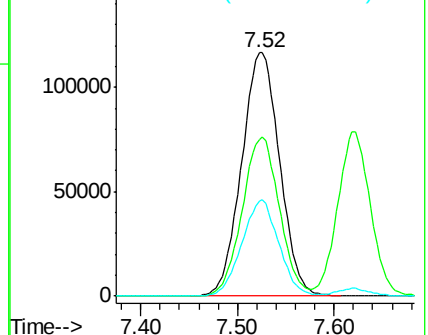
61 38.2 31.4 47.0

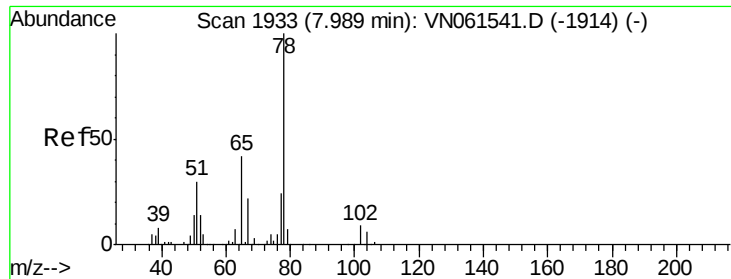


Abundance Ion 96.90 (96.60 to 97.60): VN061742.D (-1697) (-)

Ion 98.90 (98.60 to 99.60): VN061742.D (-1697) (-)

Ion 60.90 (60.60 to 61.60): VN061742.D (-1697) (-)

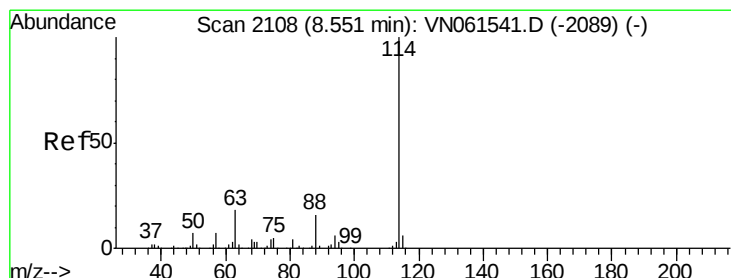
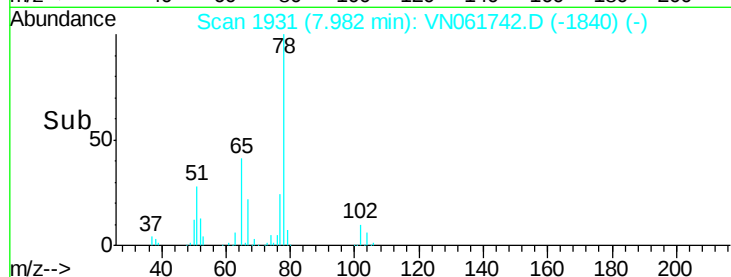
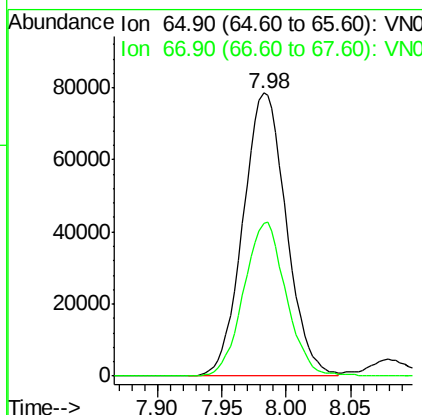
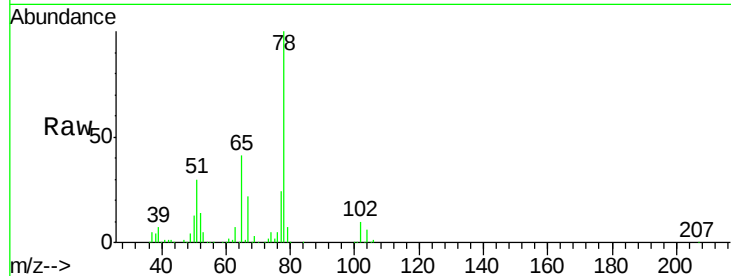




#33
 1,2-Dichloroethane-d4
 Concen: 42.230 ug/l
 RT: 7.98 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: VN061742.D
 Acq: 11 Jun 2020 12:16

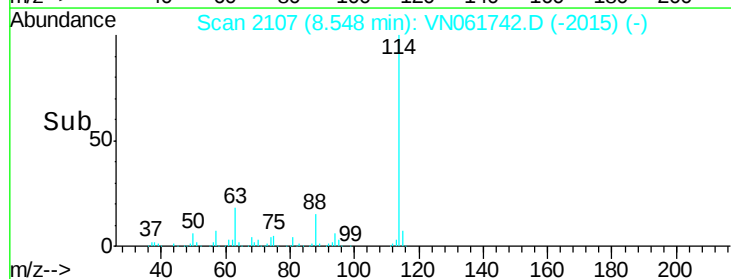
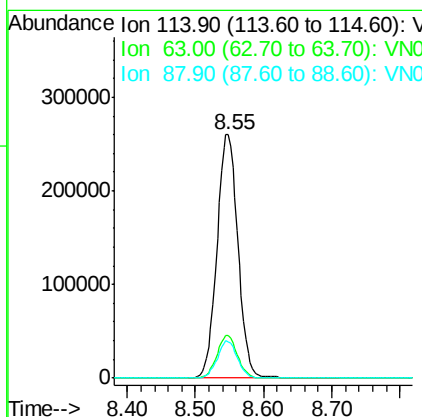
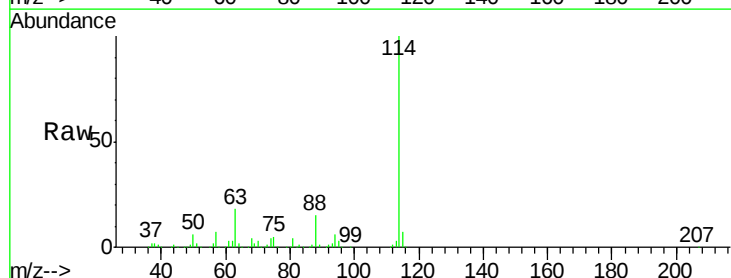
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 65 Resp: 183939
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN061742.D
 Acq: 11 Jun 2020 12:16

Tgt Ion: 114 Resp: 554792
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 35.8
 88 15.1 0.0 31.0

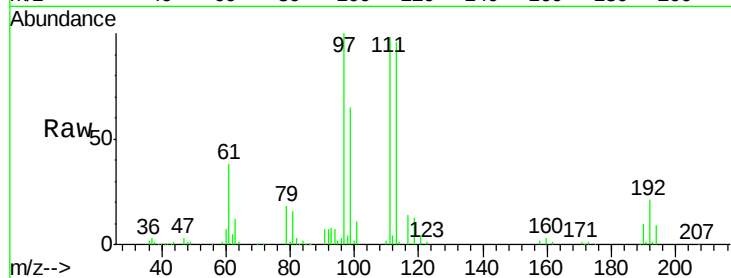




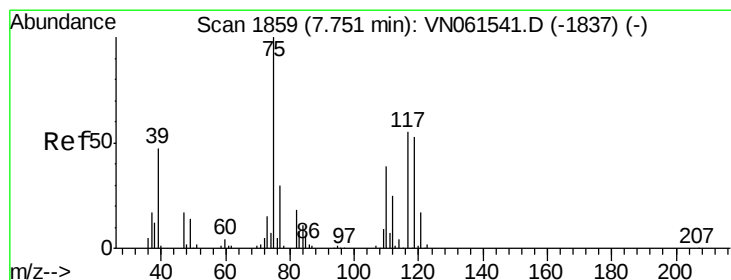
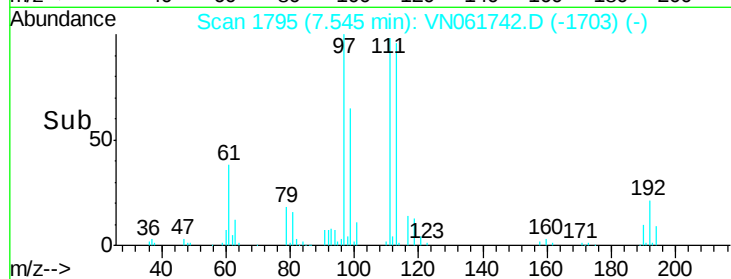
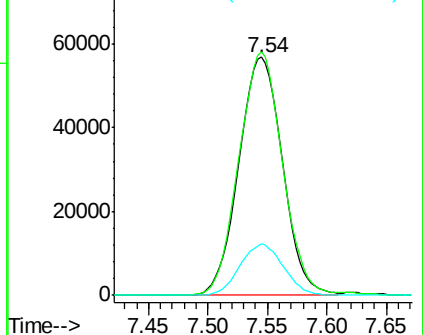
#35
 Dibromofluoromethane
 Concen: 51.307 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VN061742.D
 Acq: 11 Jun 2020 12:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:113 Resp: 144397
 Ion Ratio Lower Upper
 113 100
 111 101.8 83.4 125.0
 192 21.4 15.4 23.2

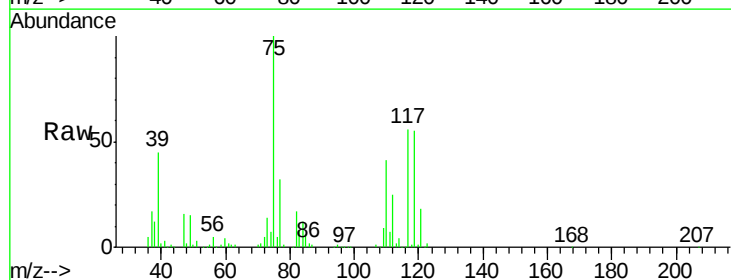


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

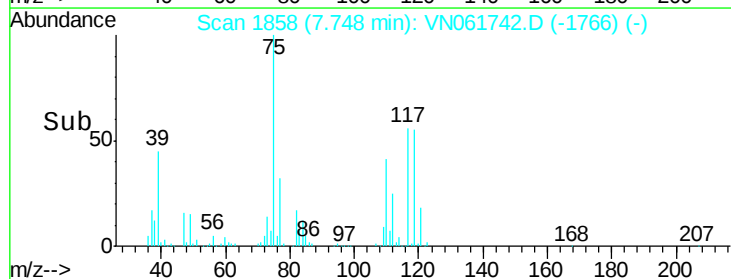
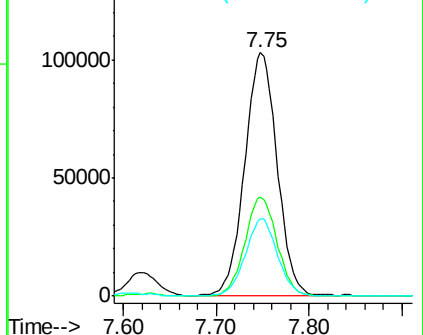


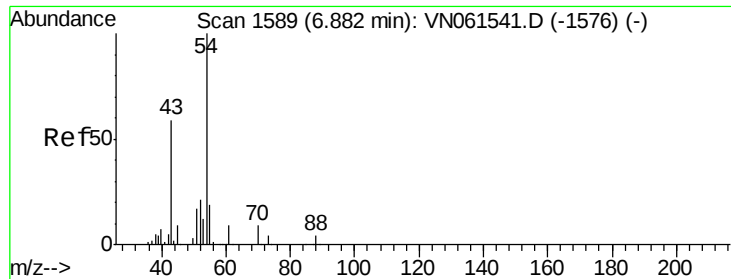
#36
 1,1-Dichloropropene
 Concen: 50.655 ug/l
 RT: 7.75 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: VN061742.D
 Acq: 11 Jun 2020 12:16

Tgt Ion: 75 Resp: 248784
 Ion Ratio Lower Upper
 75 100
 110 40.6 19.5 58.5
 77 31.8 24.7 37.1



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

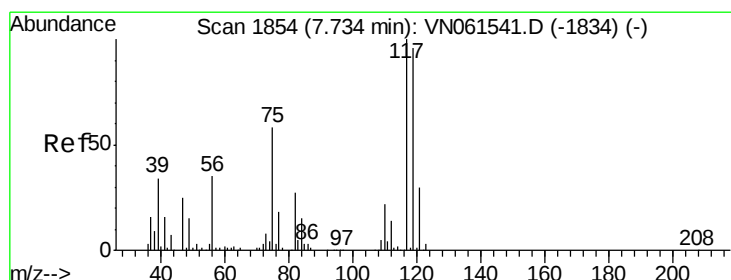
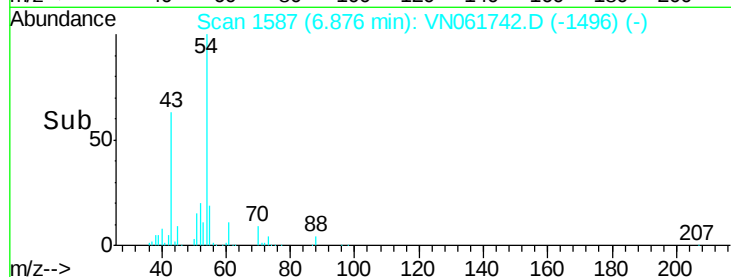
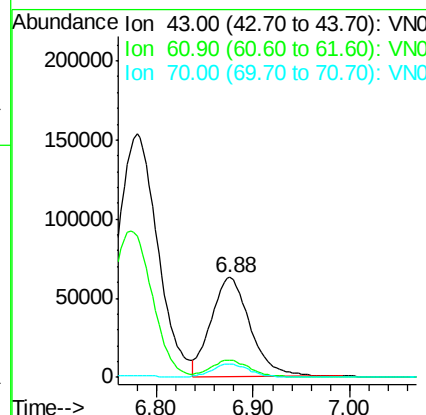
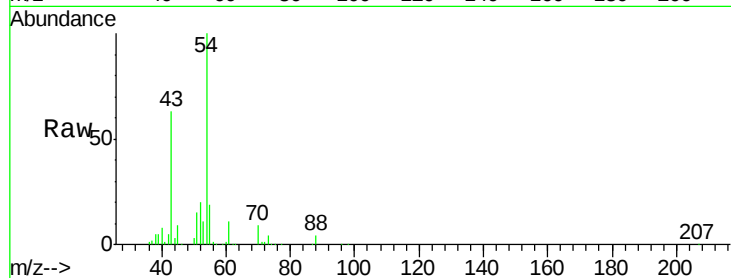




#37
Ethyl Acetate
Concen: 44.537 ug/l
RT: 6.88 min Scan# 1587
Delta R.T. -0.01 min
Lab File: VN061742.D
Acq: 11 Jun 2020 12:16

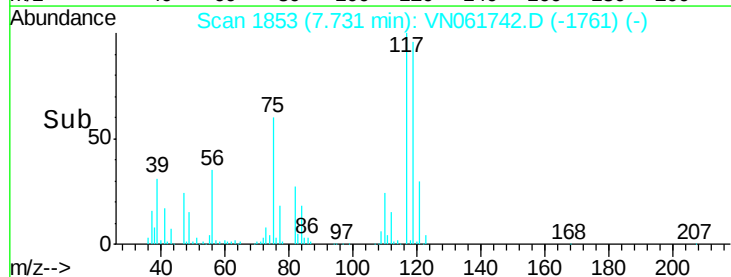
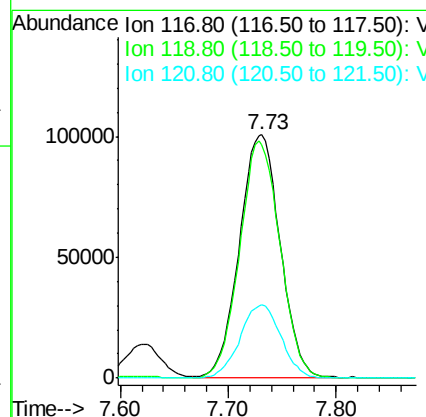
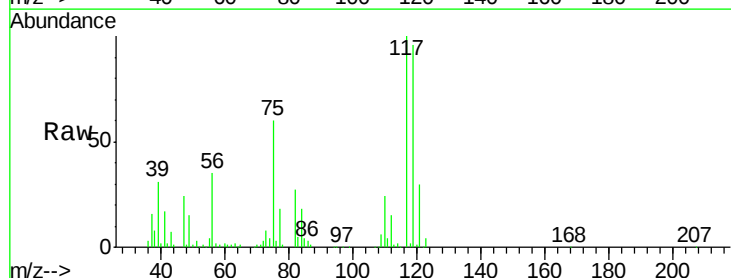
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

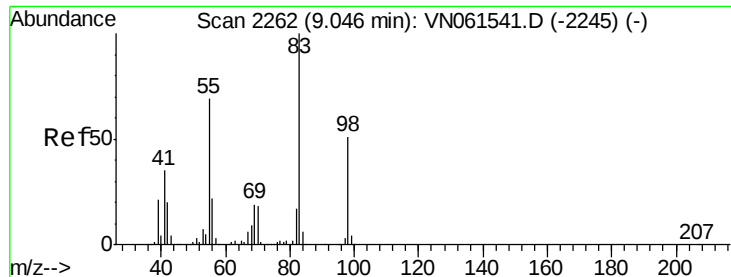
Tot Ion: 43 Resp: 176177
Ion Ratio Lower Upper
43 100
61 17.2 12.2 18.4
70 13.1 9.4 14.2



#38
Carbon Tetrachloride
Concen: 55.535 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN061742.D
Acq: 11 Jun 2020 12:16

Tgt Ion: 117 Resp: 263091
Ion Ratio Lower Upper
117 100
119 96.3 76.5 114.7
121 30.4 24.1 36.1

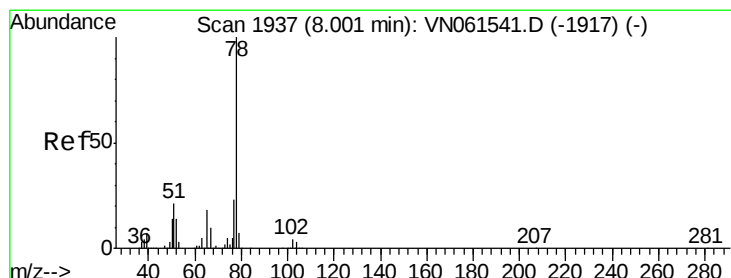
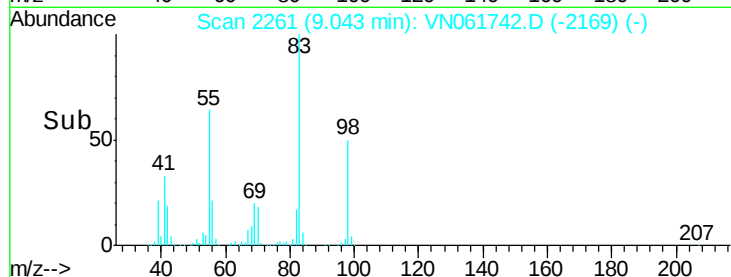
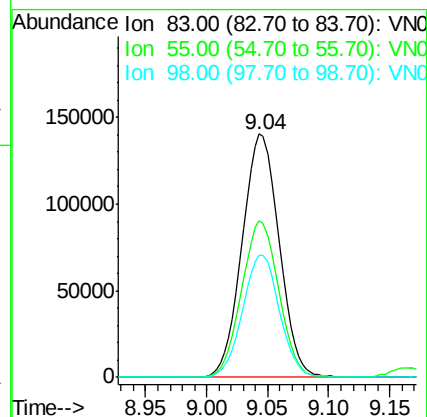
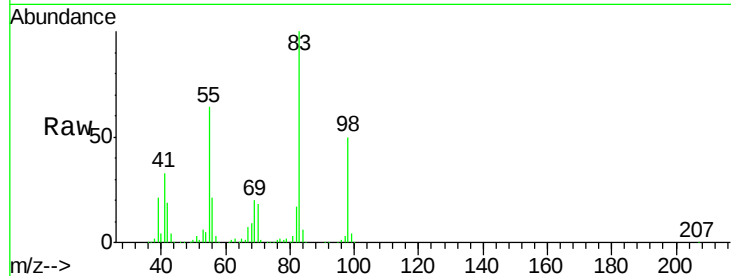




#39
Methvlcvclohexane
Concen: 48.692 ug/l
RT: 9.04 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VN061742.D
Acq: 11 Jun 2020 12:16

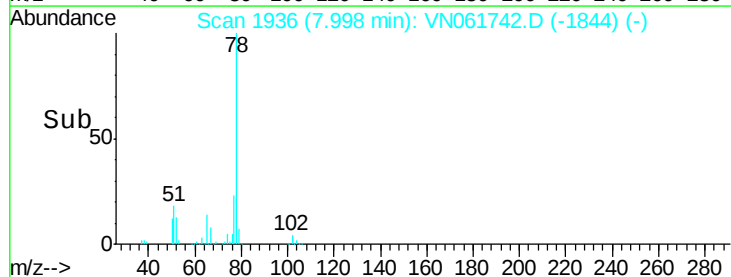
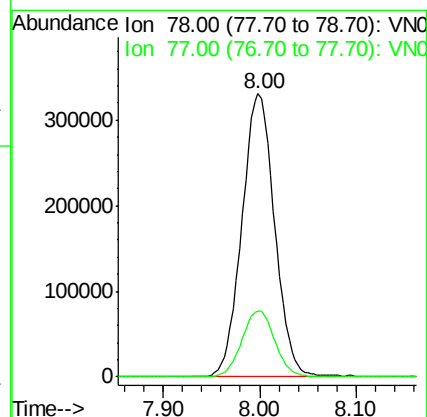
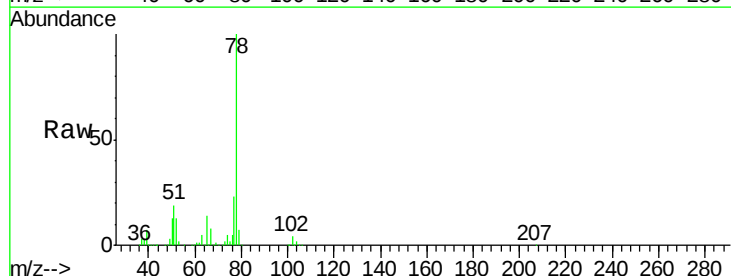
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

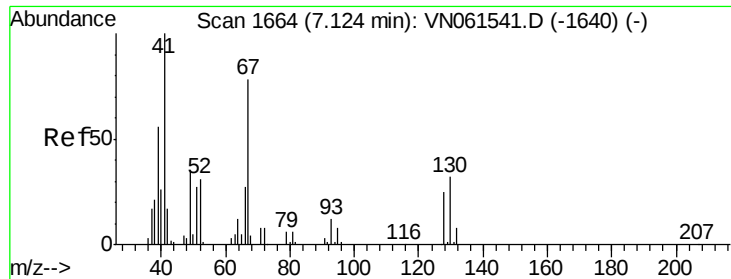
Tot Ion	83	Resp	294764
Ion Ratio	Lower	Upper	
83	100		
55	64.3	54.9	82.3
98	49.9	41.0	61.4



#40
Benzene
Concen: 51.358 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VN061742.D
Acq: 11 Jun 2020 12:16

Tgt Ion	78	Resp	778268
Ion Ratio	Lower	Upper	
78	100		
77	23.4	18.6	28.0

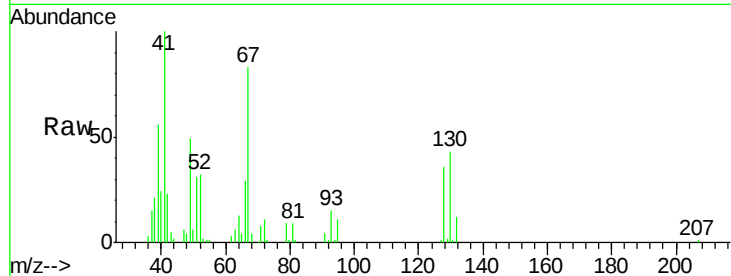




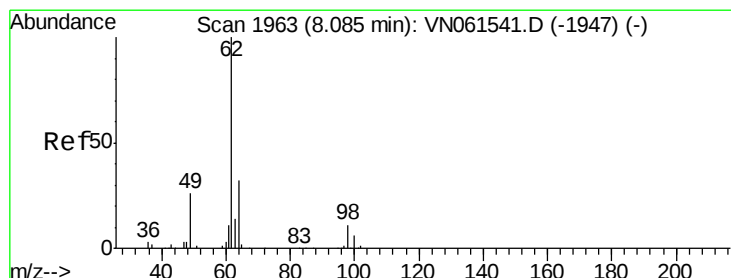
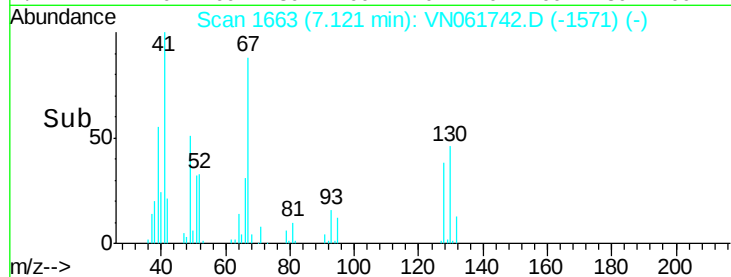
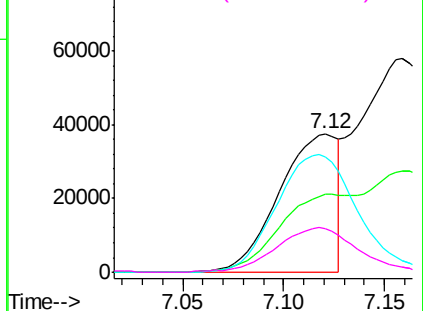
#41
Methacrylonitrile
Concen: 41.911 ug/l
RT: 7.12 min Scan# 1663
Delta R.T. -0.00 min
Lab File: VN061742.D
Acq: 11 Jun 2020 12:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	75958
Ion	Ratio	Lower	Upper
41	100		
39	67.1	53.8	80.6
67	116.9	91.1	136.7
52	45.3	36.0	54.0

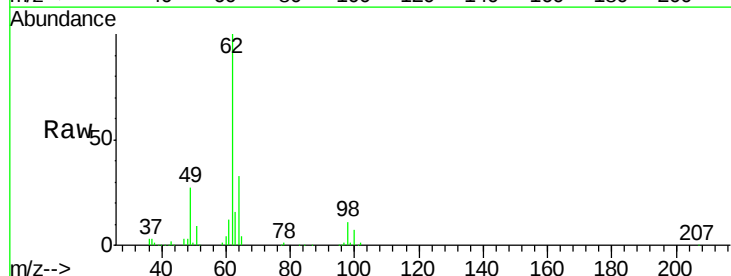


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

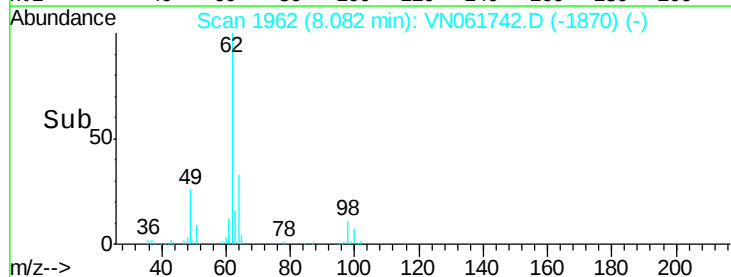
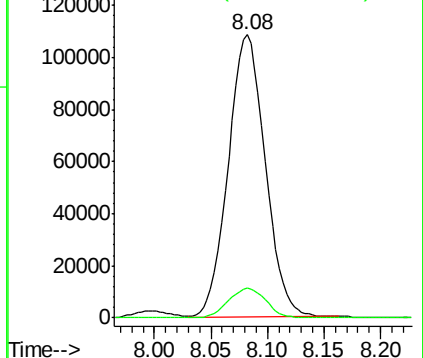


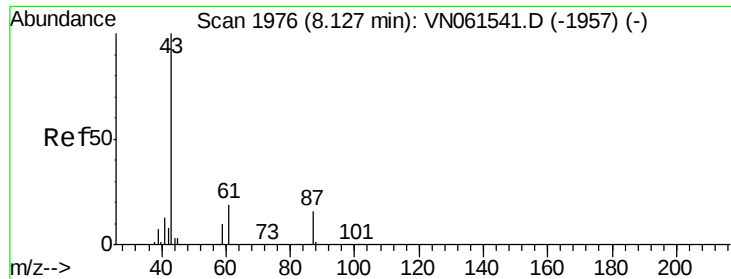
#42
1,2-Dichloroethane
Concen: 48.724 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN061742.D
Acq: 11 Jun 2020 12:16

Tgt Ion:	62	Resp:	247191
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	21.4



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





#43

Isopropyl Acetate

Concen: 44.519 ug/l

RT: 8.12 min Scan# 1974

Delta R.T. -0.01 min

Lab File: VN061742.D

Acq: 11 Jun 2020 12:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

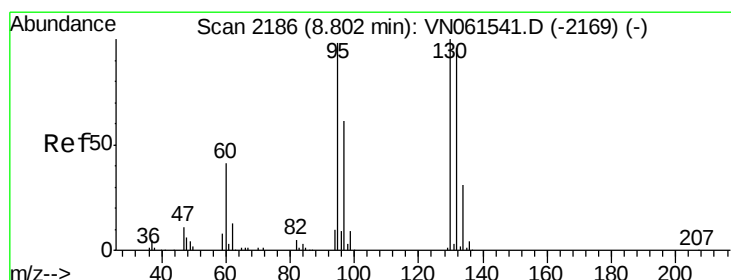
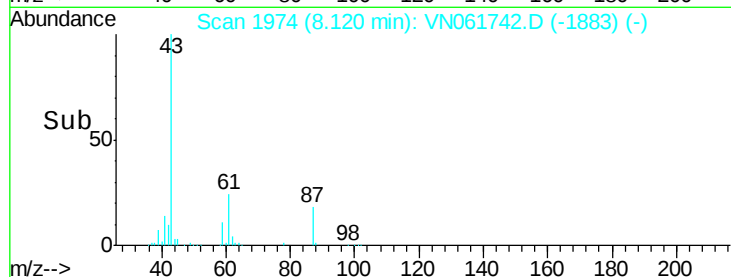
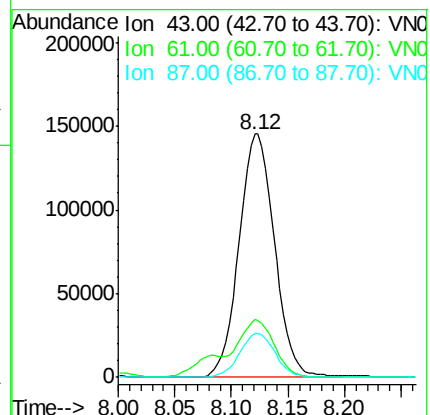
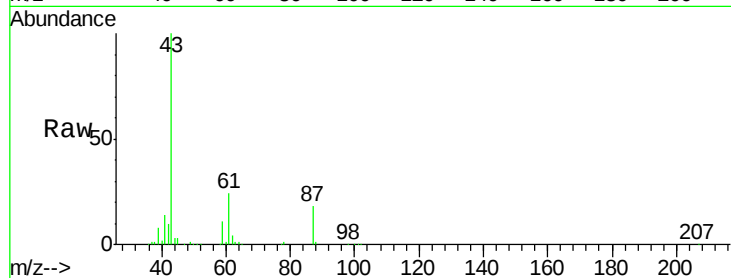
Tot Ion: 43 Resp: 316833

Ion Ratio Lower Upper

43 100

61 23.6 23.6 35.4

87 17.9 13.0 19.6



#44

Trichloroethene

Concen: 52.264 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN061742.D

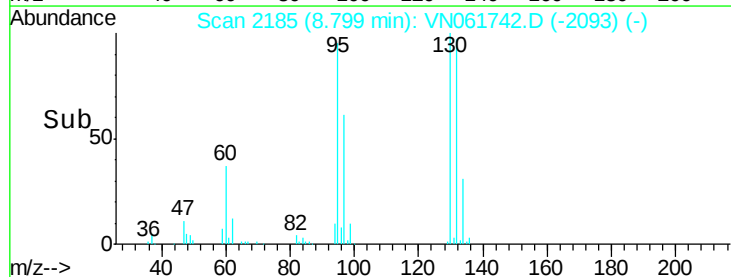
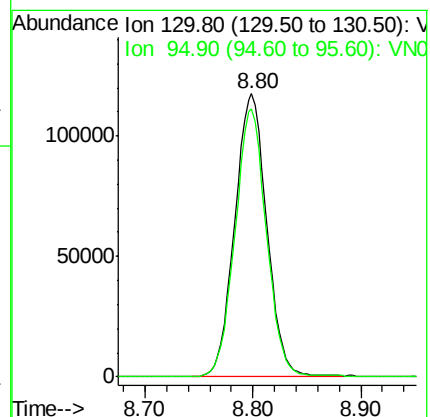
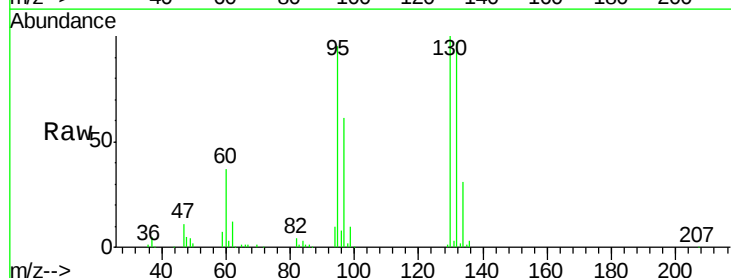
Acq: 11 Jun 2020 12:16

Tgt Ion:130 Resp: 243398

Ion Ratio Lower Upper

130 100

95 94.9 0.0 196.6





#45

1,2-Dichloropropane

Concen: 52.302 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. -0.00 min

Lab File: VN061742.D

Acq: 11 Jun 2020 12:16

Instrument :

MSVOA_N

ClientSampleId :

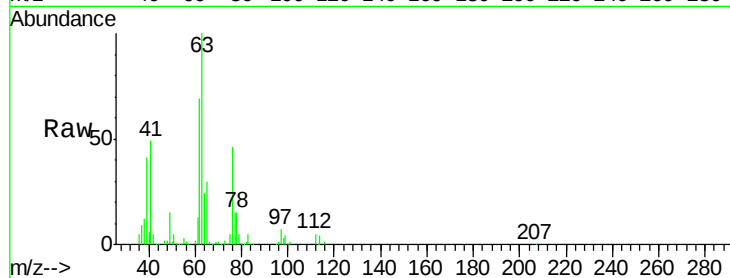
VSTDCCC050

Tot Ion: 63 Resp: 188202

Ion Ratio Lower Upper

63 100

65 29.9 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VN061742.D (-2250) (-)

Ion 64.90 (64.60 to 65.60): VN061742.D (-2250) (-)

9.08

100000

80000

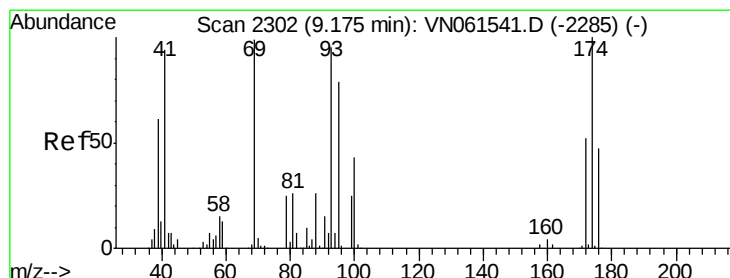
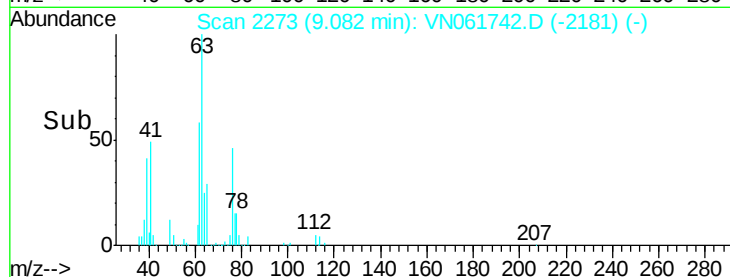
60000

40000

20000

0

Time-->



#46

Dibromomethane

Concen: 50.445 ug/l

RT: 9.17 min Scan# 2301

Delta R.T. -0.00 min

Lab File: VN061742.D

Acq: 11 Jun 2020 12:16

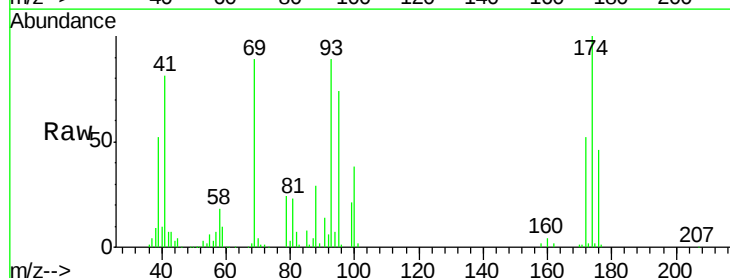
Tgt Ion: 93 Resp: 139214

Ion Ratio Lower Upper

93 100

95 83.5 66.0 99.0

174 112.2 82.5 123.7



Abundance Ion 92.80 (92.50 to 93.50): VN061742.D (-2285) (-)

Ion 94.80 (94.50 to 95.50): VN061742.D (-2285) (-)

Ion 173.70 (173.40 to 174.40): VN061742.D (-2285) (-)

9.17

100000

80000

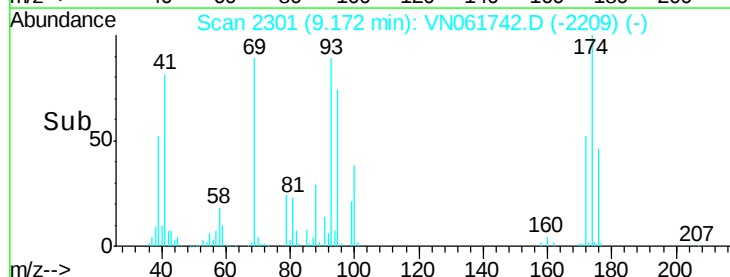
60000

40000

20000

0

Time-->





#47

Bromodichloromethane

Concen: 52.224 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN061742.D

Acq: 11 Jun 2020 12:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

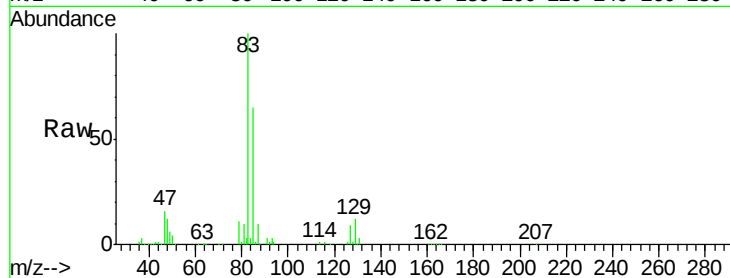
Tot Ion: 83 Resp: 285541

Ion Ratio Lower Upper

83 100

85 65.4 51.1 76.7

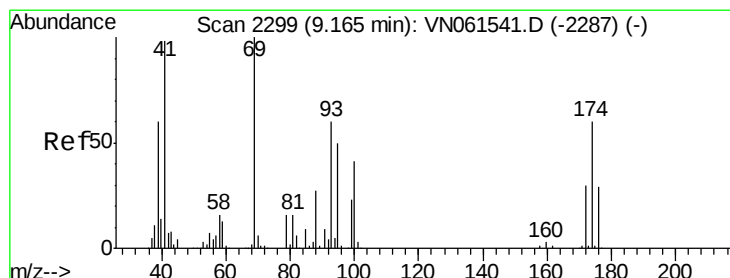
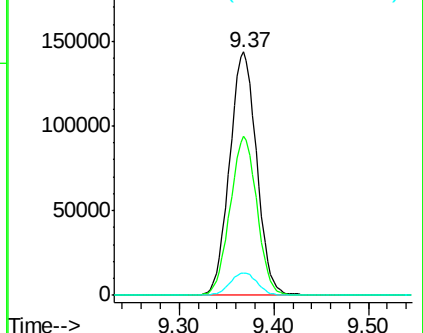
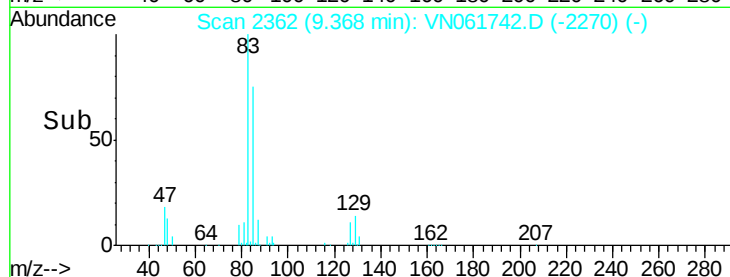
127 9.3 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VN061742.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN061742.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN061742.D (-2270) (-)



#48

Methyl methacrylate

Concen: 43.326 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. 0.00 min

Lab File: VN061742.D

Acq: 11 Jun 2020 12:16

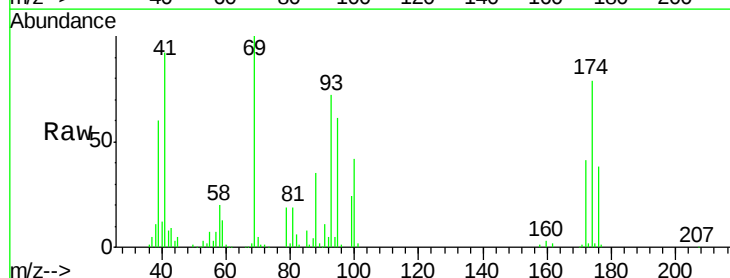
Tgt Ion: 41 Resp: 138728

Ion Ratio Lower Upper

41 100

69 111.9 83.9 125.9

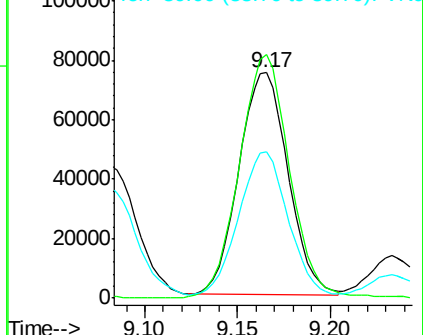
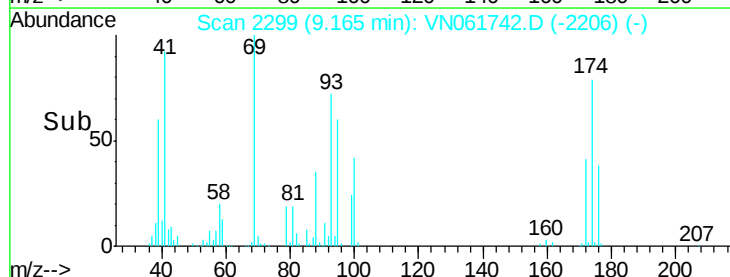
39 67.0 52.1 78.1

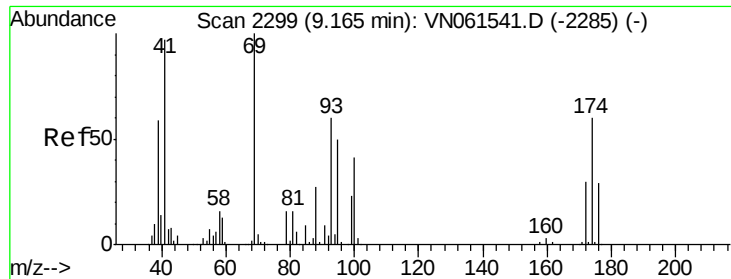


Abundance Ion 41.00 (40.70 to 41.70): VN061742.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN061742.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN061742.D (-2206) (-)

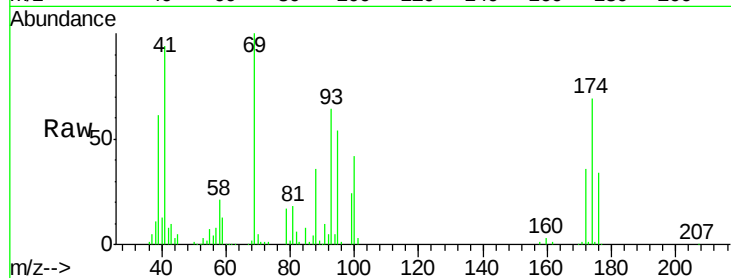




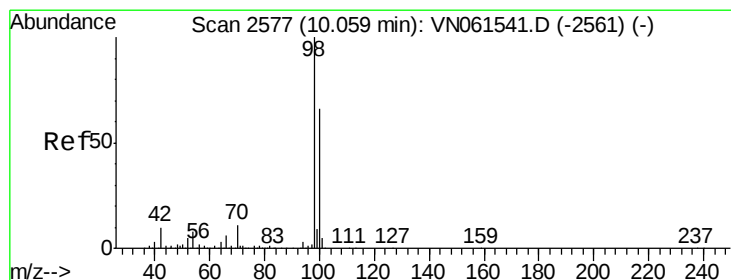
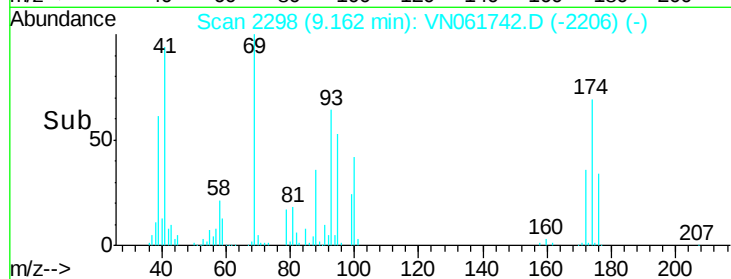
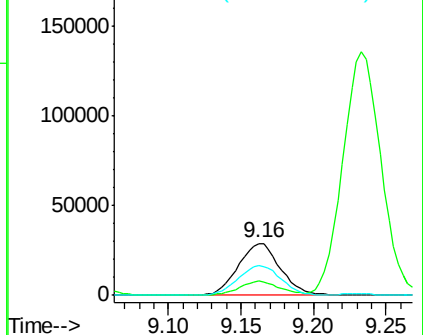
#49
1,4-Dioxane
Concen: 1179.051 ug/l
RT: 9.16 min Scan# 2298
Delta R.T. -0.00 min
Lab File: VN061742.D
Acq: 11 Jun 2020 12:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 88 Resp: 58486
Ion Ratio Lower Upper
88 100
43 26.0 23.1 34.7
58 58.9 48.3 72.5

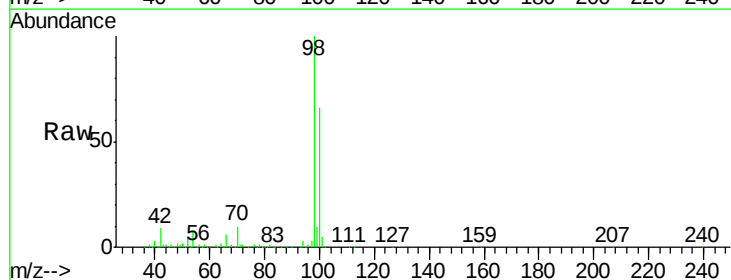


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

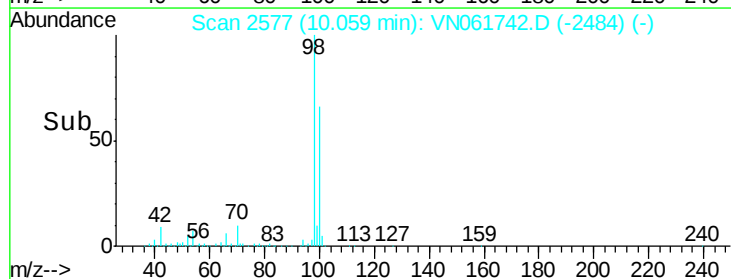
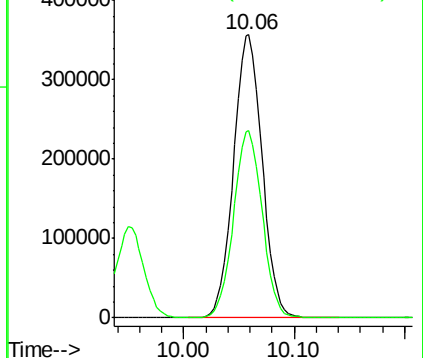


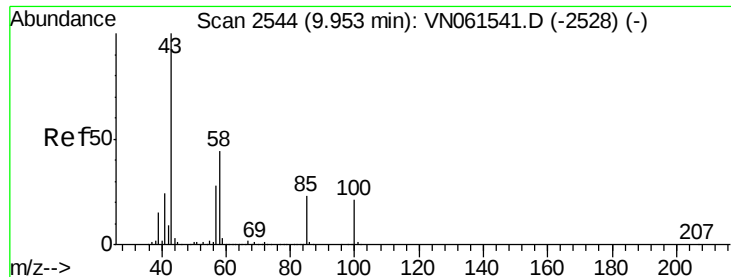
#50
Toluene-d8
Concen: 49.298 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN061742.D
Acq: 11 Jun 2020 12:16

Tgt Ion: 98 Resp: 642946
Ion Ratio Lower Upper
98 100
100 65.9 52.8 79.2



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

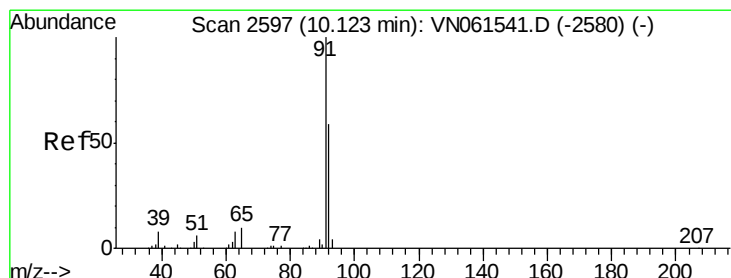
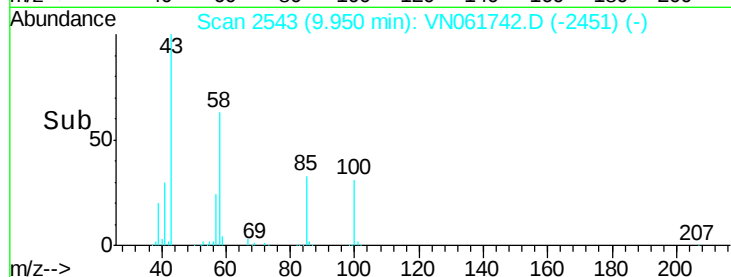
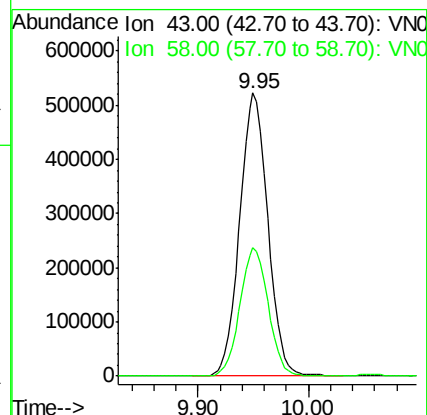
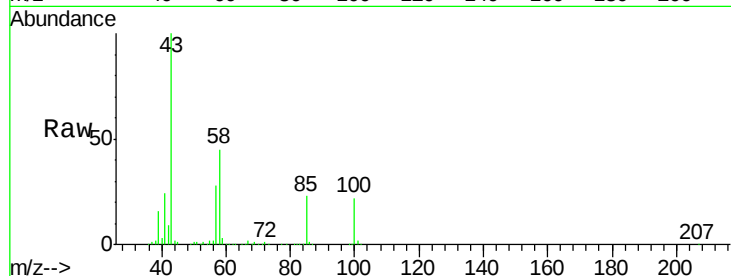




#51
 4-Methyl-2-Pentanone
 Concen: 230.377 ug/l
 RT: 9.95 min Scan# 2543
 Delta R.T. -0.00 min
 Lab File: VN061742.D
 Acq: 11 Jun 2020 12:16

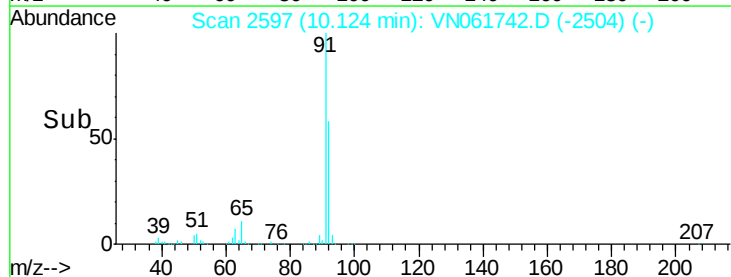
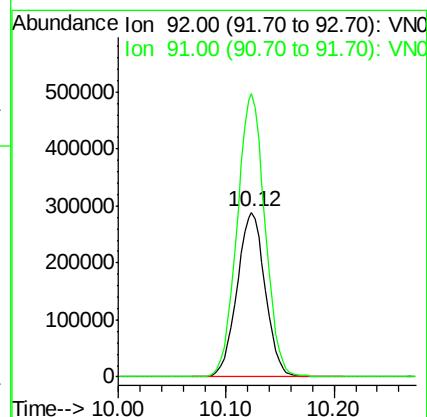
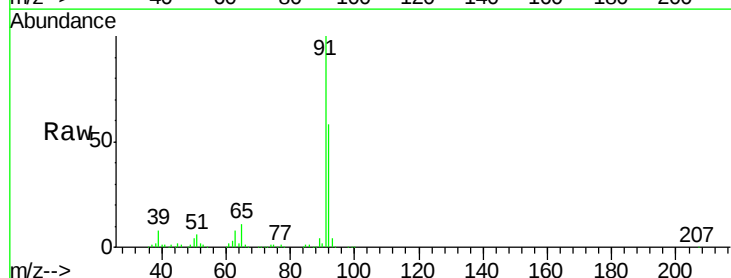
Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050

Tot Ion: 43 Resp: 923936
 Ion Ratio Lower Upper
 43 100
 58 45.7 35.0 52.6



#52
 Toluene
 Concen: 53.098 ug/l
 RT: 10.12 min Scan# 2597
 Delta R.T. 0.00 min
 Lab File: VN061742.D
 Acq: 11 Jun 2020 12:16

Tgt Ion: 92 Resp: 525171
 Ion Ratio Lower Upper
 92 100
 91 170.7 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 51.878 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. 0.00 min

Lab File: VN061742.D

Acq: 11 Jun 2020 12:16

Instrument :

MSVOA_N

ClientSampleId :

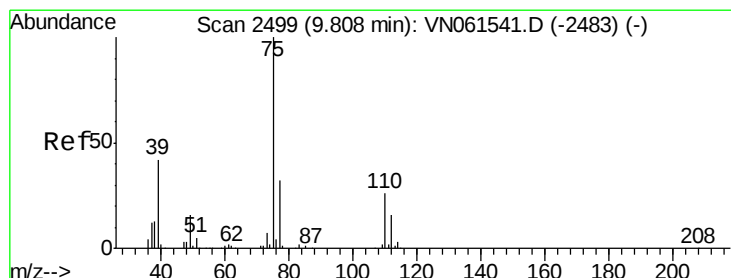
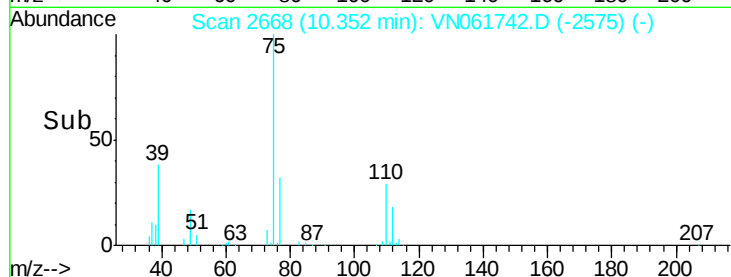
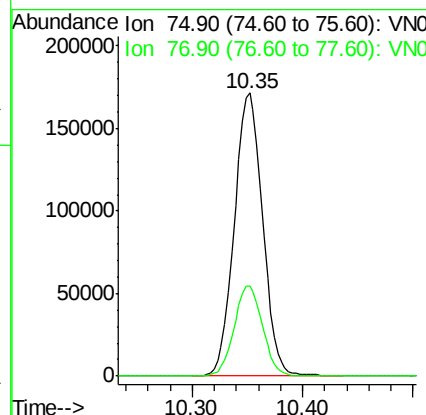
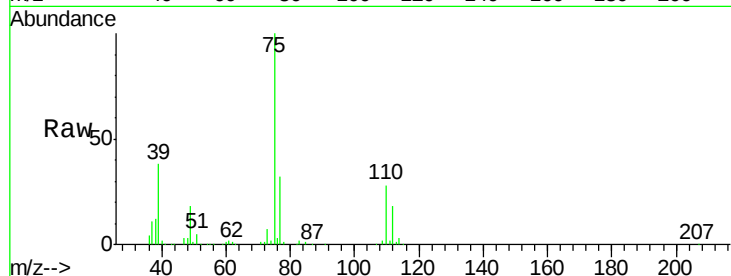
VSTDCCC050

Tot Ion: 75 Resp: 305566

Ion Ratio Lower Upper

75 100

77 32.0 26.2 39.4



#54

cis-1,3-Dichloropropene

Concen: 52.414 ug/l

RT: 9.81 min Scan# 2498

Delta R.T. -0.00 min

Lab File: VN061742.D

Acq: 11 Jun 2020 12:16

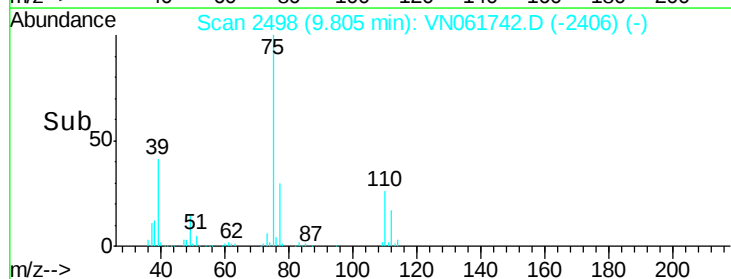
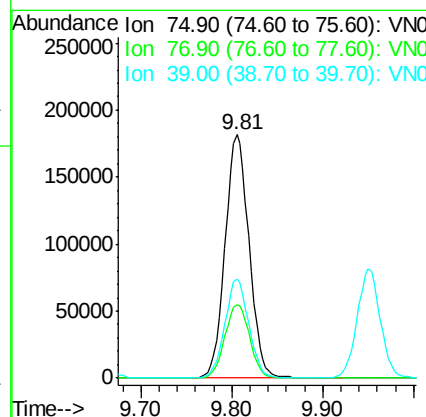
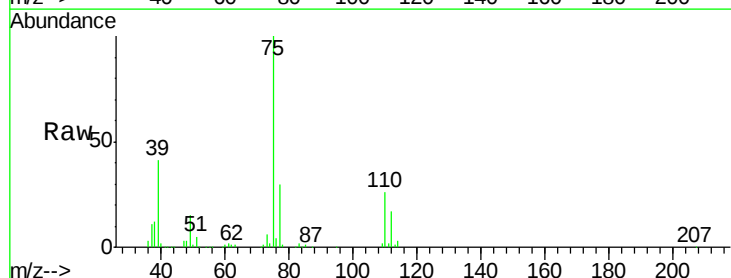
Tgt Ion: 75 Resp: 331949

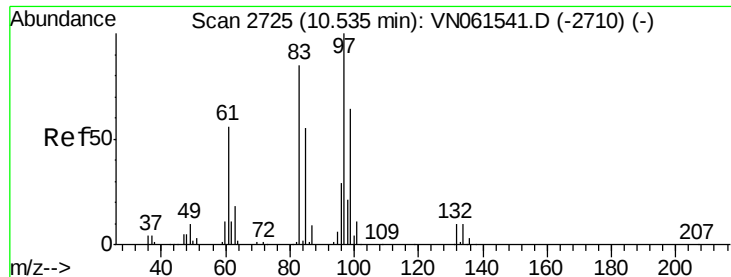
Ion Ratio Lower Upper

75 100

77 30.4 25.4 38.2

39 40.6 33.8 50.6

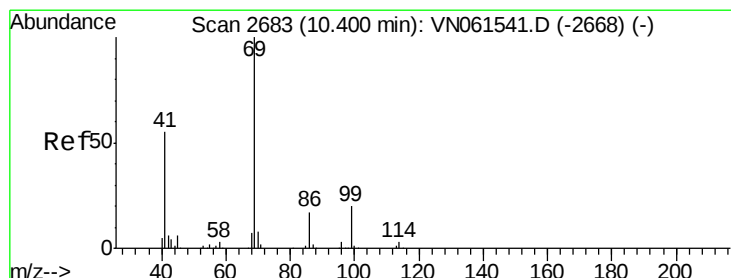
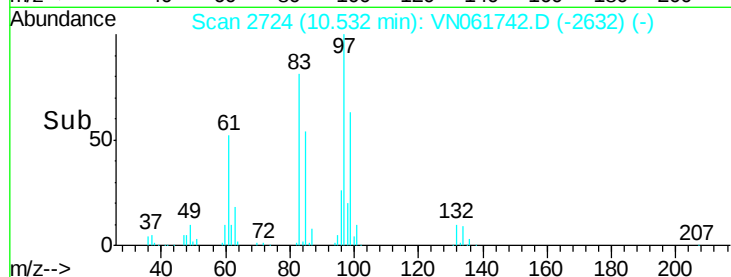
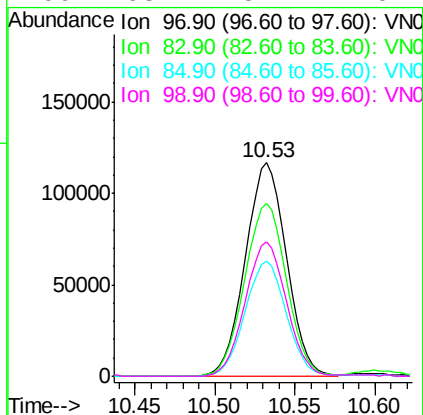
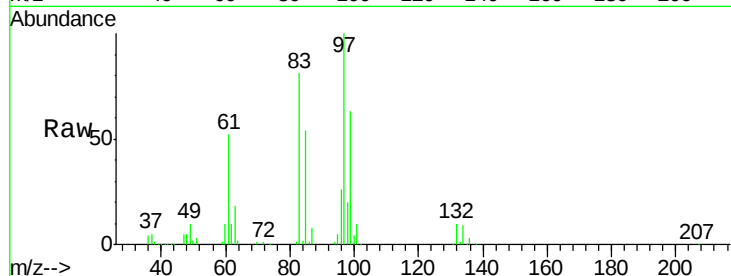




#55
 1,1,2-Trichloroethane
 Concen: 52.246 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN061742.D
 Acq: 11 Jun 2020 12:16

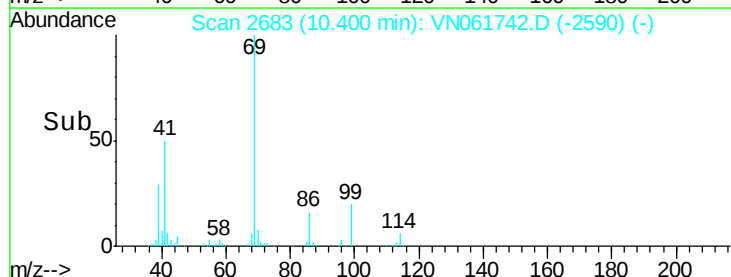
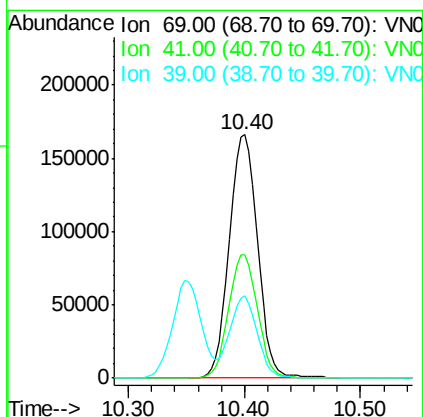
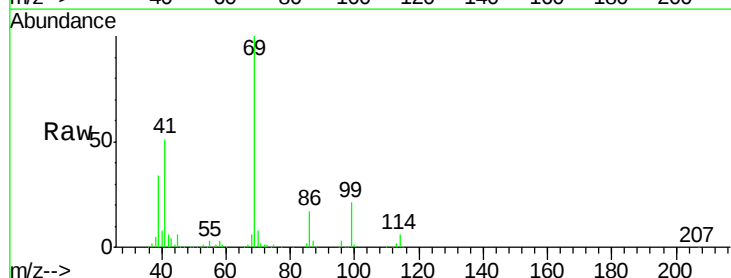
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

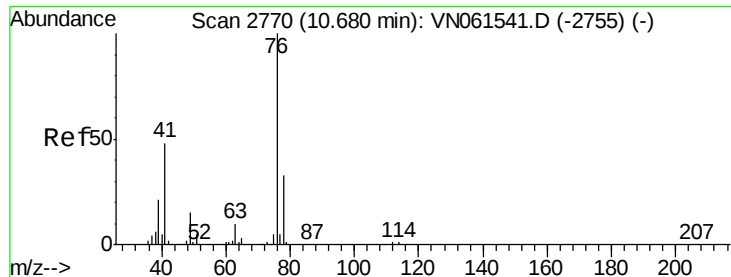
Tot Ion:	97	Resp:	205875
Ion	Ratio	Lower	Upper
97	100		
83	81.0	68.1	102.1
85	53.7	44.1	66.1
99	63.1	51.1	76.7



#56
 Ethyl methacrylate
 Concen: 50.874 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN061742.D
 Acq: 11 Jun 2020 12:16

Tgt Ion:	69	Resp:	280033
Ion	Ratio	Lower	Upper
69	100		
41	50.7	43.5	65.3
39	33.1	27.0	40.6

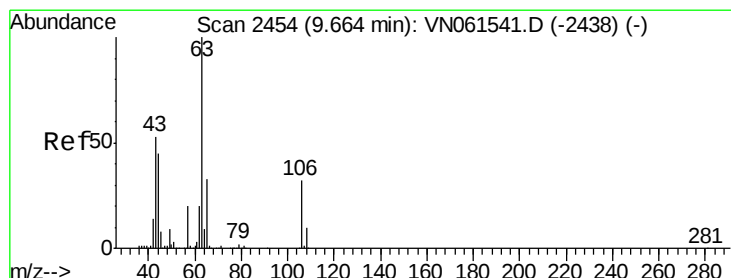
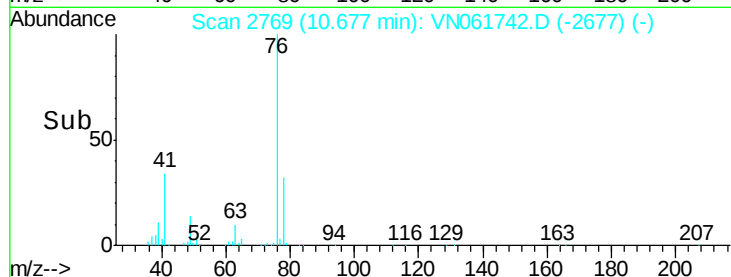
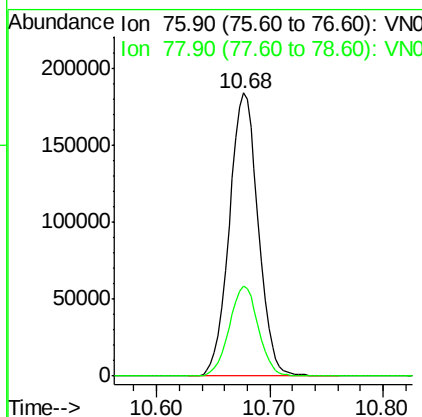
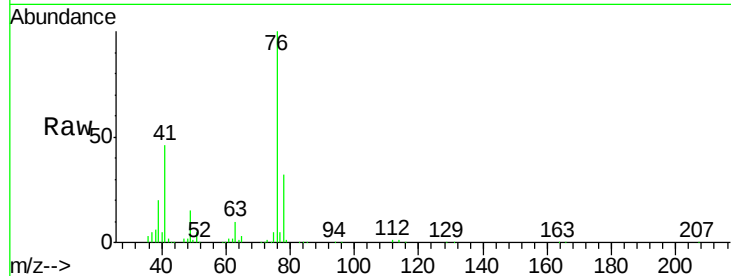




#57
 1,3-Dichloropropane
 Concen: 51.963 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN061742.D
 Acq: 11 Jun 2020 12:16

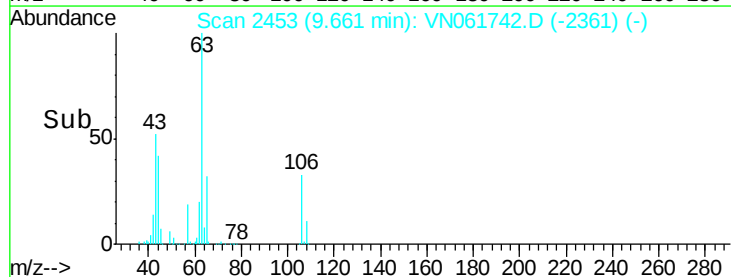
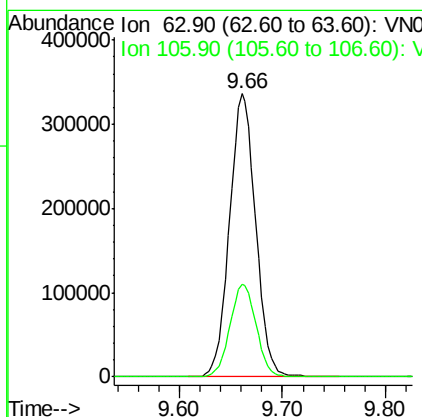
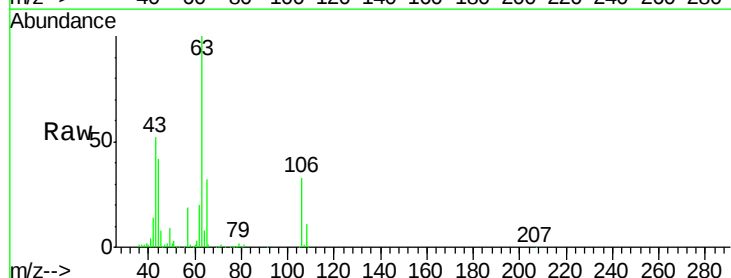
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

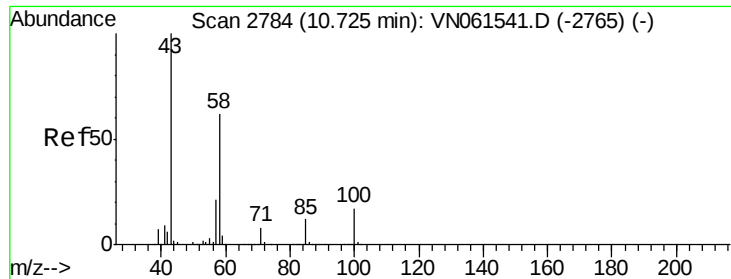
Tot Ion: 76 Resp: 327485
 Ion Ratio Lower Upper
 76 100
 78 32.2 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 251.895 ug/l
 RT: 9.66 min Scan# 2453
 Delta R.T. -0.00 min
 Lab File: VN061742.D
 Acq: 11 Jun 2020 12:16

Tgt Ion: 63 Resp: 592538
 Ion Ratio Lower Upper
 63 100
 106 32.9 25.9 38.9

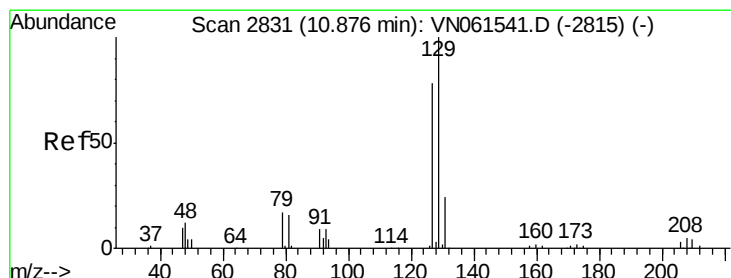
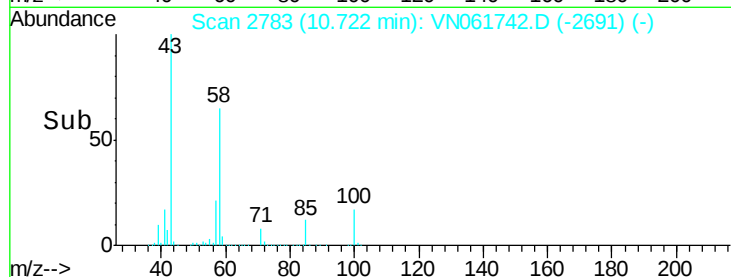
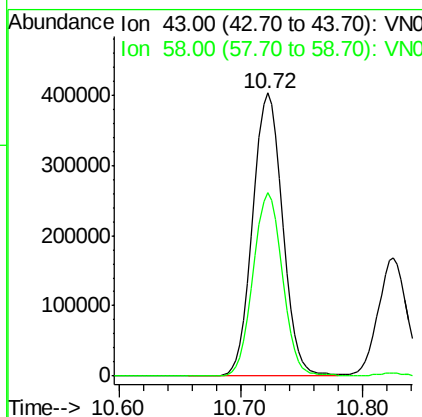
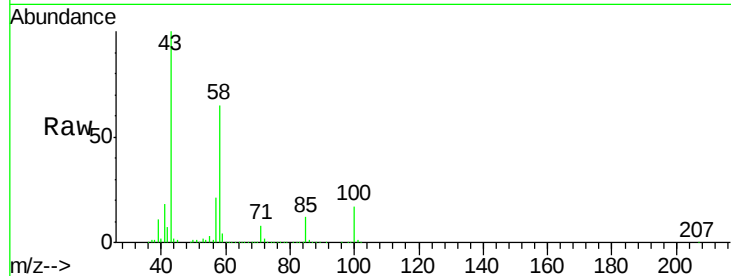




#59
2-Hexanone
Concen: 235.809 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN061742.D
Acq: 11 Jun 2020 12:16

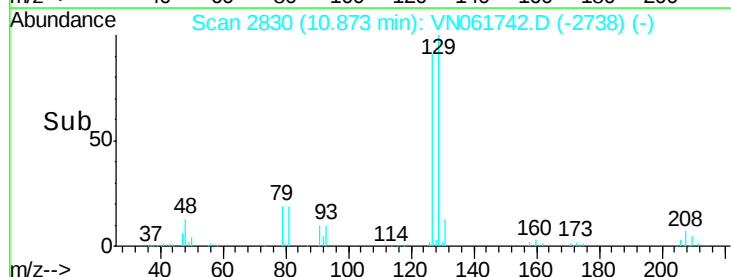
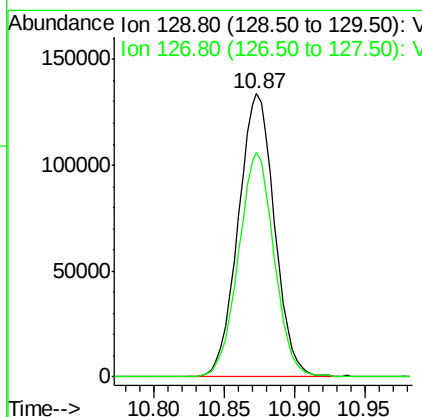
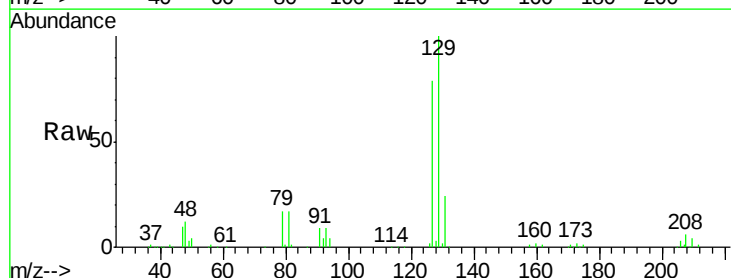
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 679191
Ion Ratio Lower Upper
43 100
58 64.0 30.7 92.1



#60
Dibromochloromethane
Concen: 53.829 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN061742.D
Acq: 11 Jun 2020 12:16

Tgt Ion: 129 Resp: 241145
Ion Ratio Lower Upper
129 100
127 77.8 38.8 116.3

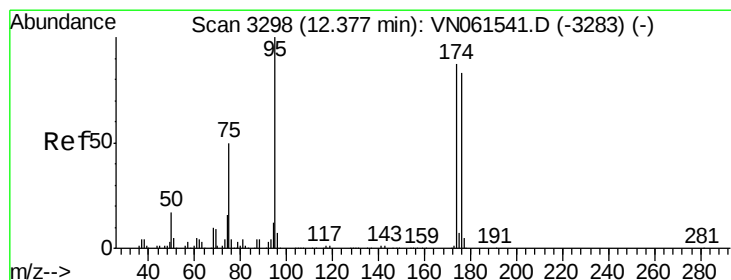
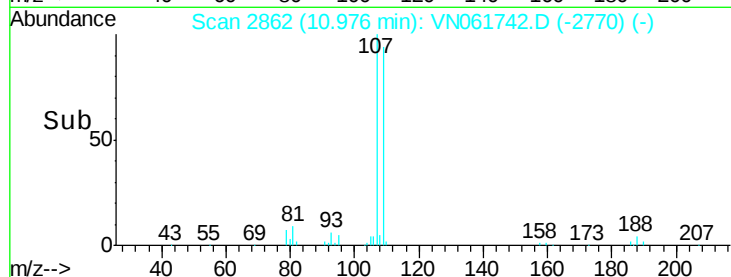
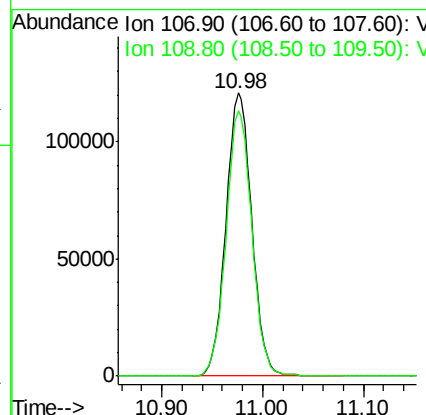
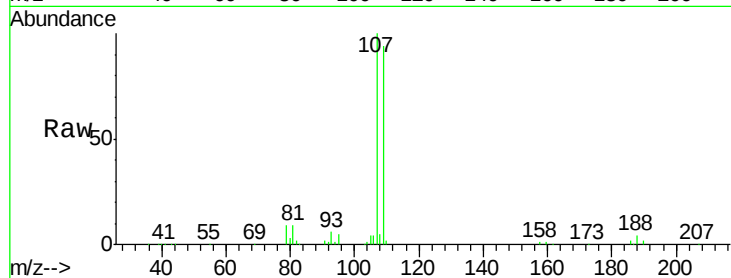




#61
 1,2-Dibromoethane
 Concen: 52.650 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN061742.D
 Acq: 11 Jun 2020 12:16

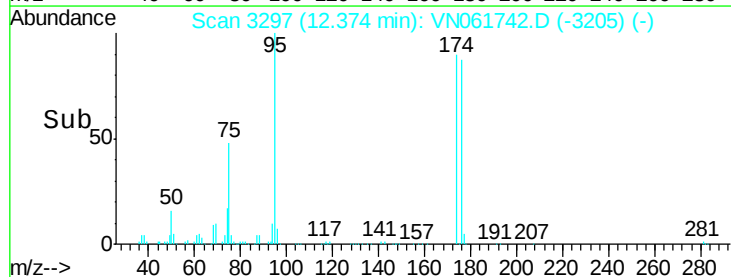
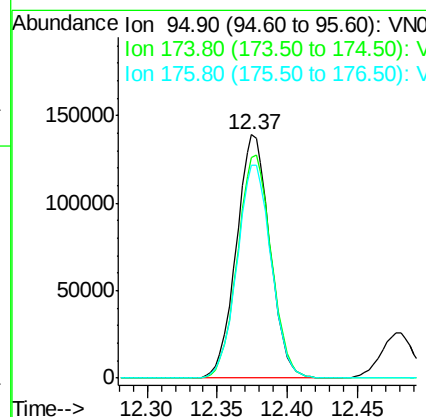
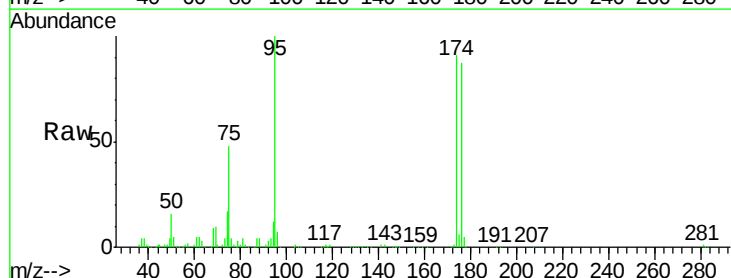
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

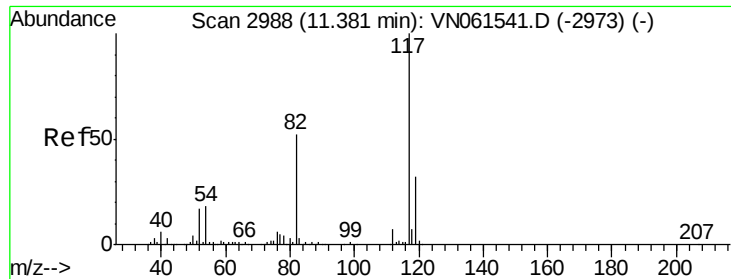
Tot Ion:107 Resp: 216379
 Ion Ratio Lower Upper
 107 100
 109 93.7 76.1 114.1



#62
 4-Bromofluorobenzene
 Concen: 48.634 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN061742.D
 Acq: 11 Jun 2020 12:16

Tgt Ion: 95 Resp: 231411
 Ion Ratio Lower Upper
 95 100
 174 92.7 0.0 172.8
 176 89.0 0.0 164.8

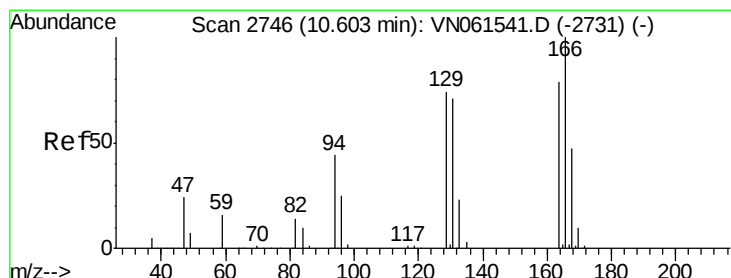
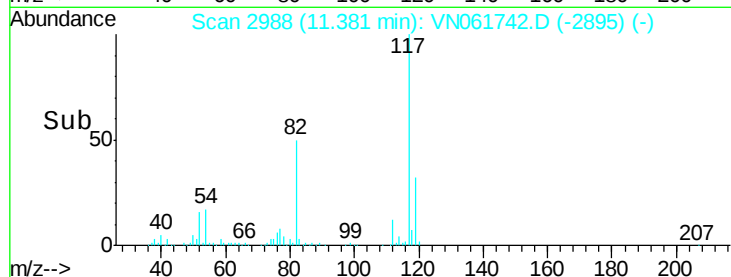
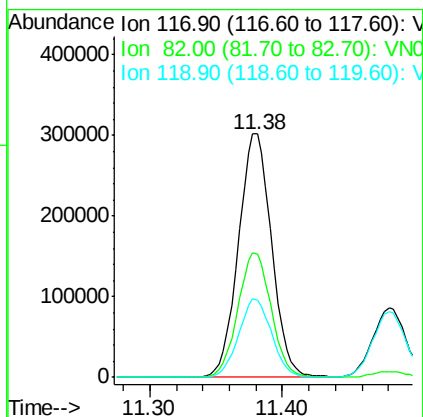
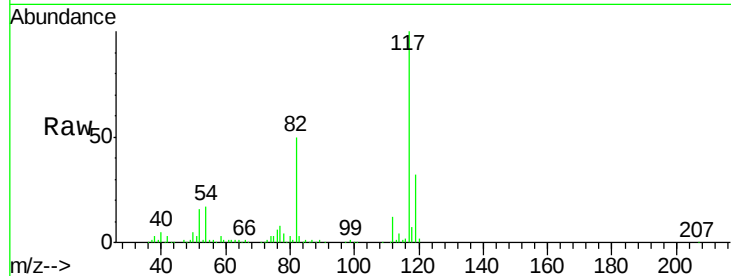




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061742.D
Acq: 11 Jun 2020 12:16

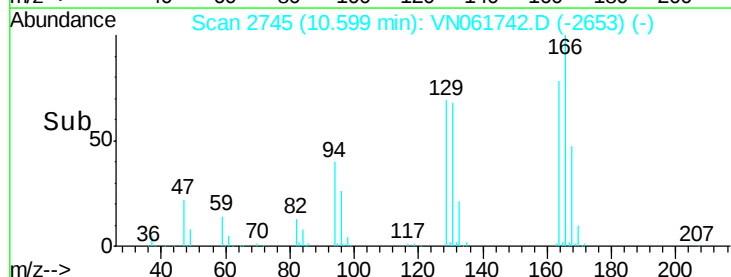
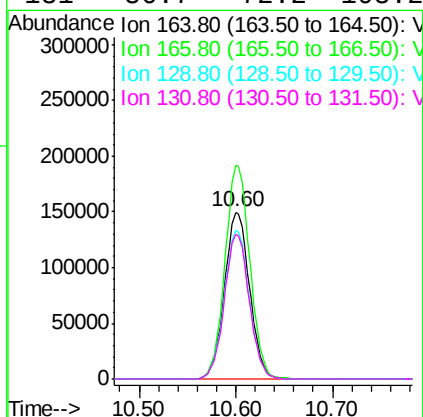
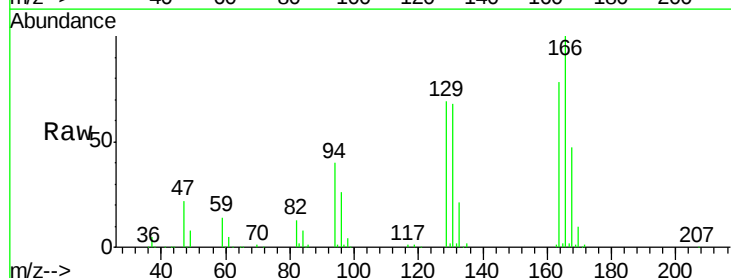
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

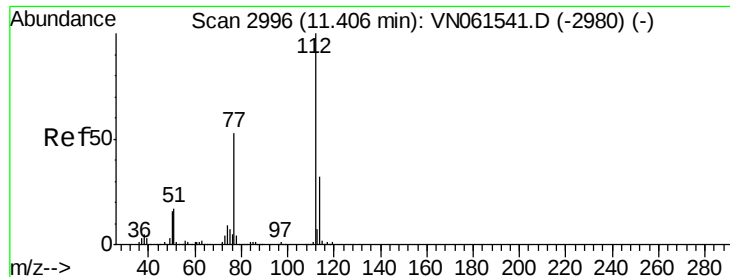
Tot Ion:117 Resp: 524752
Ion Ratio Lower Upper
117 100
82 50.5 41.5 62.3
119 31.9 25.6 38.4



#64
Tetrachloroethene
Concen: 54.344 ug/l
RT: 10.60 min Scan# 2745
Delta R.T. -0.00 min
Lab File: VN061742.D
Acq: 11 Jun 2020 12:16

Tgt Ion:164 Resp: 268434
Ion Ratio Lower Upper
164 100
166 128.2 101.5 152.3
129 89.0 74.9 112.3
131 86.7 72.2 108.2





#65

Chlorobenzene

Concen: 53.446 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN061742.D

Acq: 11 Jun 2020 12:16

Instrument :

MSVOA_N

ClientSampleId :

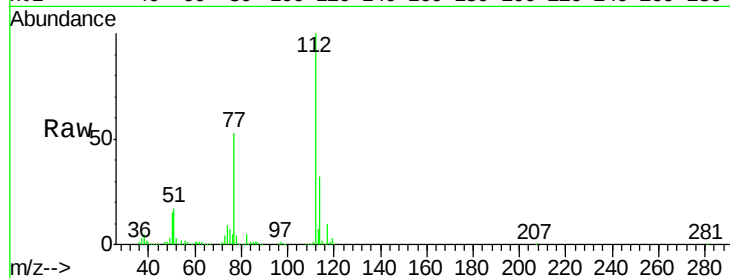
VSTDCCC050

Tot Ion:112 Resp: 582966

Ion Ratio Lower Upper

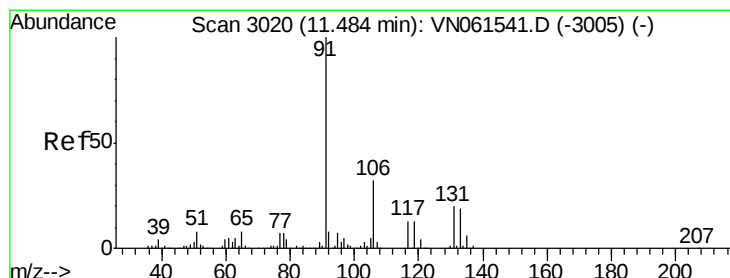
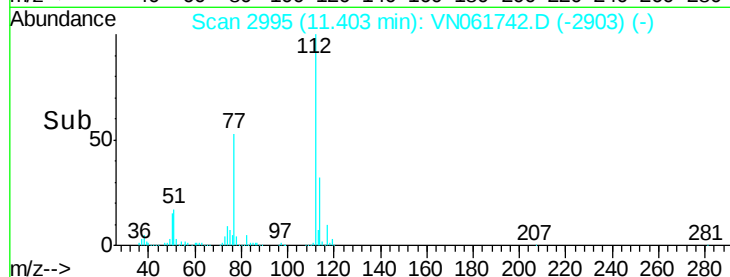
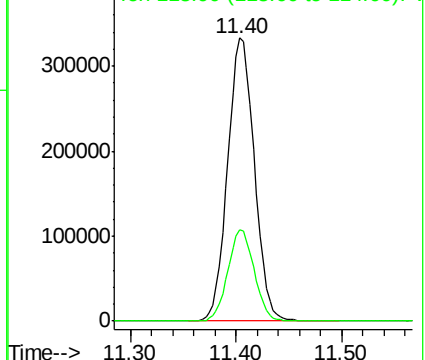
112 100

114 32.3 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 55.217 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. -0.00 min

Lab File: VN061742.D

Acq: 11 Jun 2020 12:16

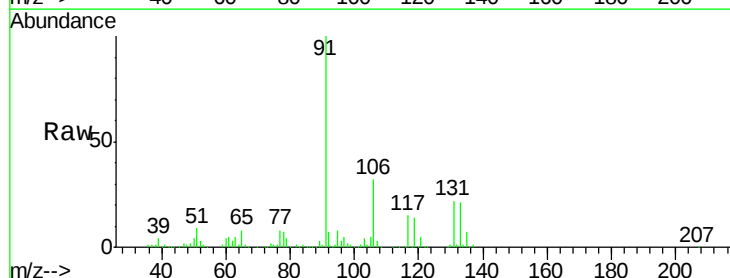
Tgt Ion:131 Resp: 224261

Ion Ratio Lower Upper

131 100

133 96.0 47.4 142.2

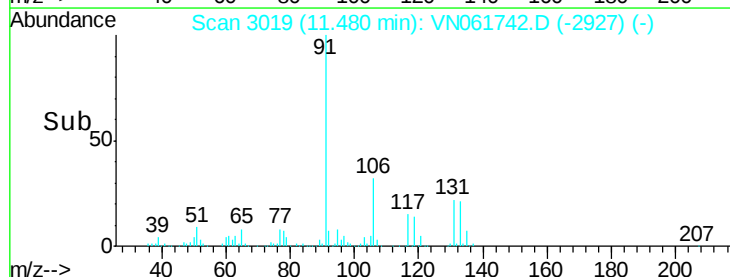
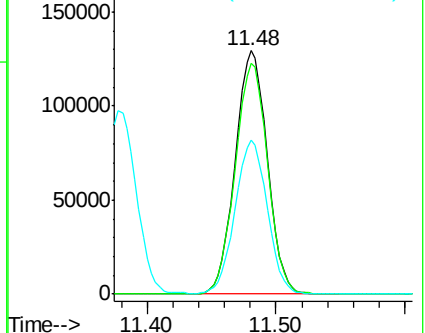
119 63.6 32.6 97.8

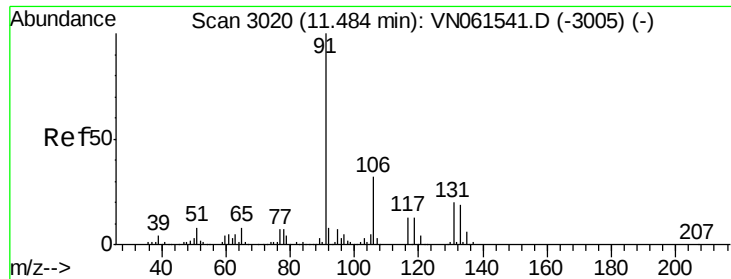


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

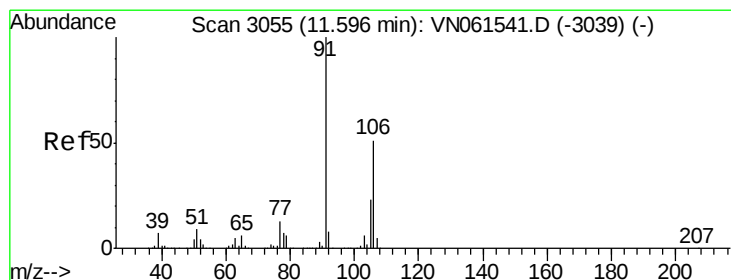
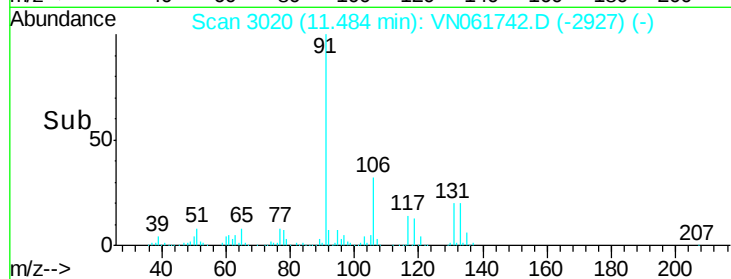
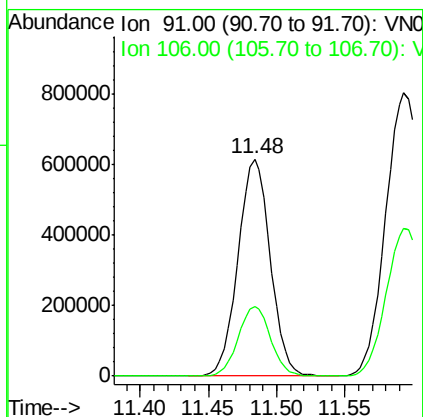
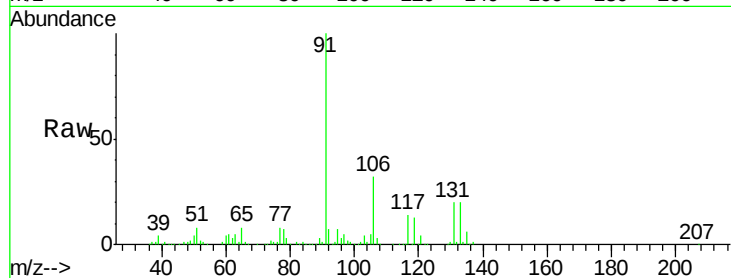




#67
Ethyl Benzene
Concen: 53.555 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN061742.D
Acq: 11 Jun 2020 12:16

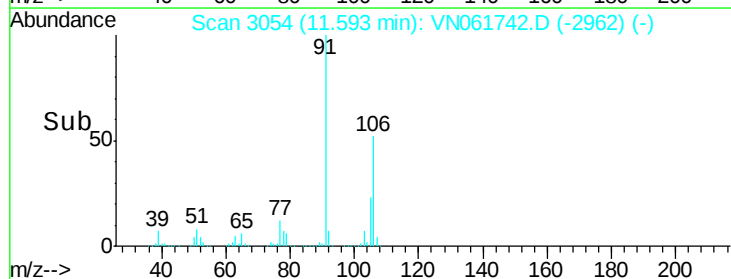
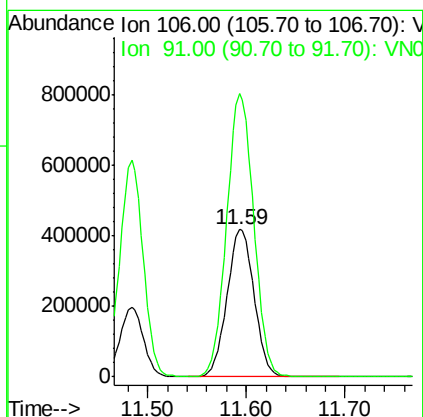
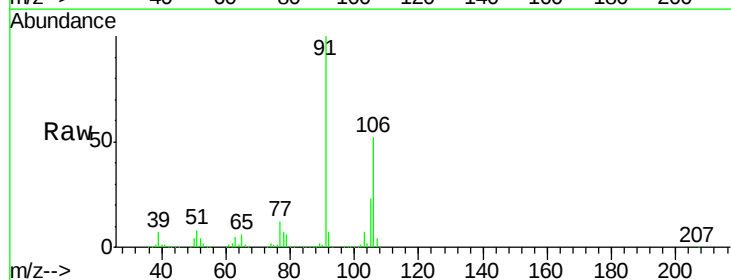
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1009667
Ion Ratio Lower Upper
91 100
106 32.2 25.6 38.4



#68
m/p-Xylenes
Concen: 107.187 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN061742.D
Acq: 11 Jun 2020 12:16

Tgt Ion: 106 Resp: 801245
Ion Ratio Lower Upper
106 100
91 192.4 156.2 234.4

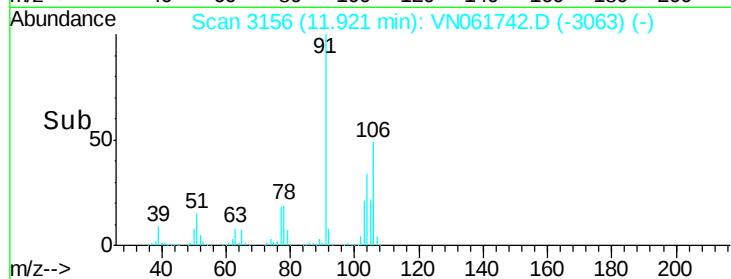
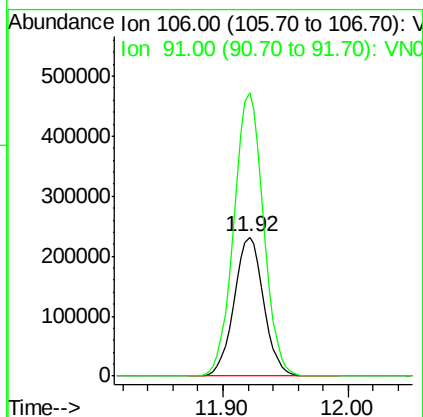
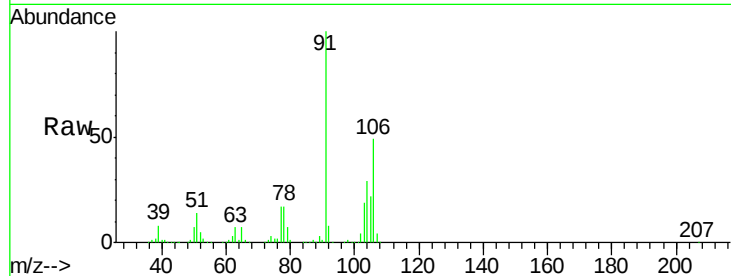




#69
o-Xylene
Concen: 53.254 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN061742.D
Acq: 11 Jun 2020 12:16

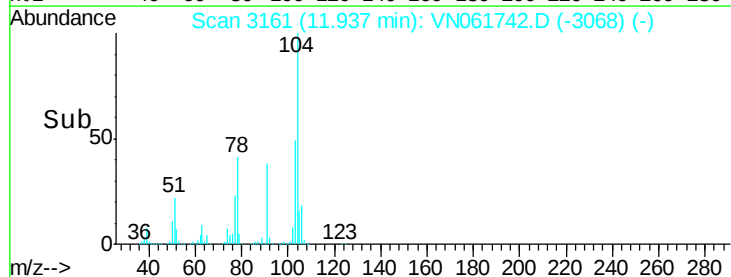
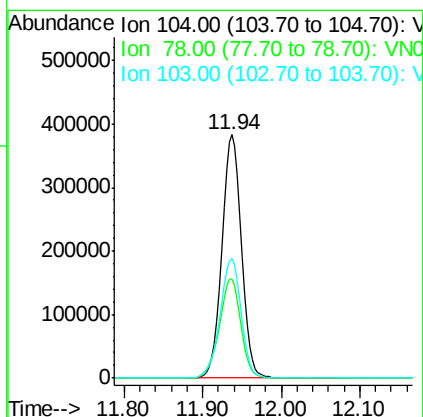
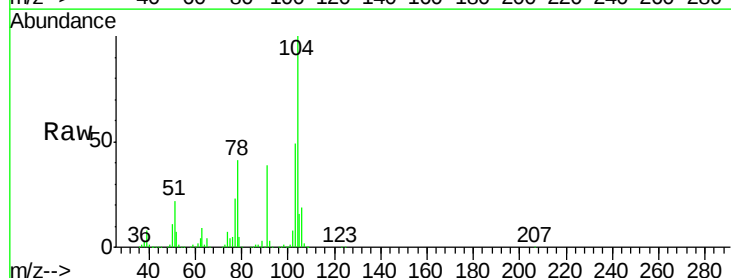
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

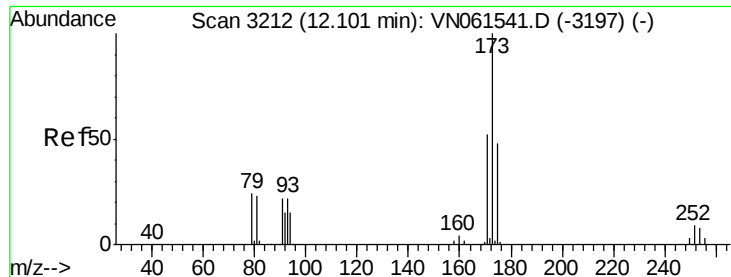
Tot Ion:106 Resp: 378098
Ion Ratio Lower Upper
106 100
91 204.9 103.3 309.8



#70
Styrene
Concen: 55.426 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN061742.D
Acq: 11 Jun 2020 12:16

Tgt Ion:104 Resp: 651690
Ion Ratio Lower Upper
104 100
78 44.9 37.4 56.0
103 53.1 42.3 63.5

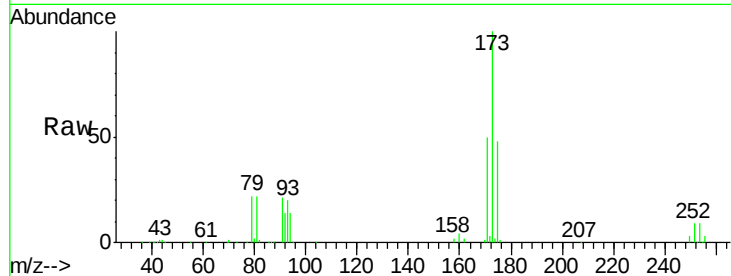




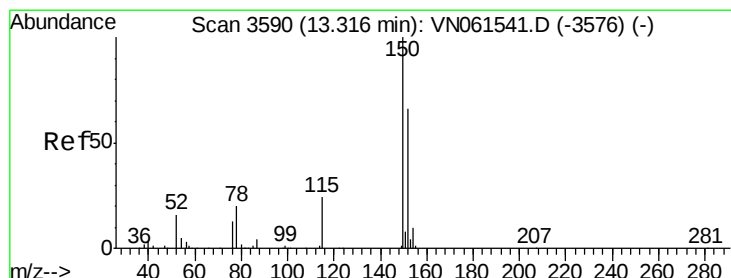
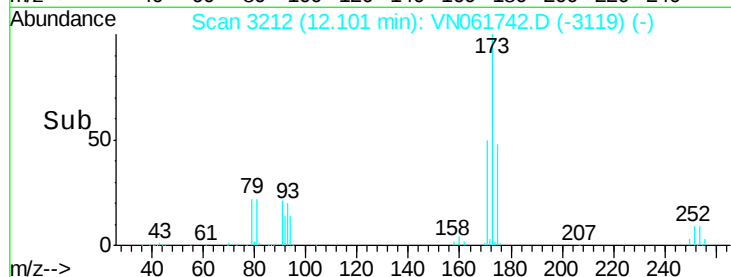
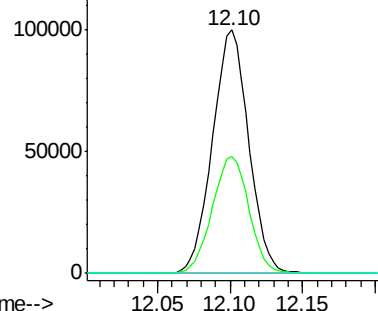
#71
Bromoform
Concen: 55.524 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. 0.00 min
Lab File: VN061742.D
Acq: 11 Jun 2020 12:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:173 Resp: 173770
Ion Ratio Lower Upper
173 100
175 48.7 24.4 73.2
254 0.0 0.0 0.0#

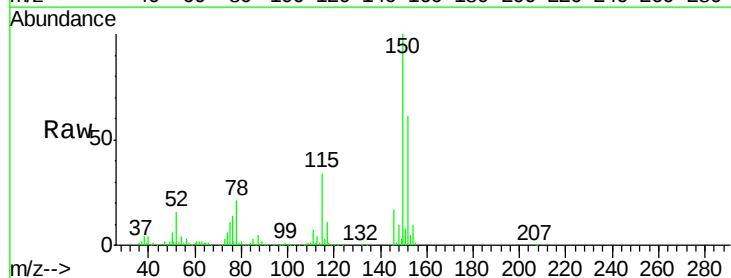


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

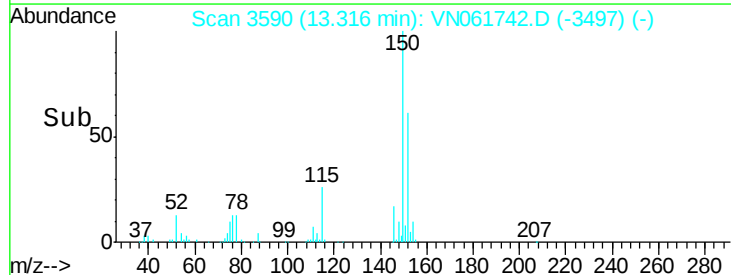
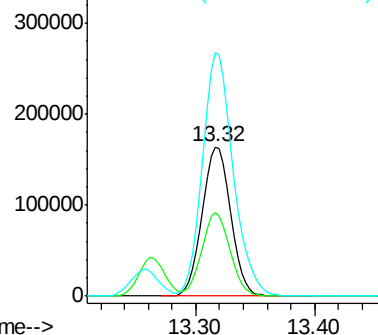


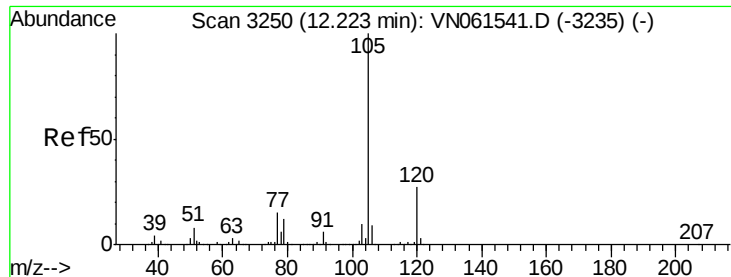
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3590
Delta R.T. 0.00 min
Lab File: VN061742.D
Acq: 11 Jun 2020 12:16

Tgt Ion:152 Resp: 273192
Ion Ratio Lower Upper
152 100
115 55.1 28.0 84.0
150 174.9 0.0 344.0



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





#73

Isopropylbenzene

Concen: 50.879 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN061742.D

Acq: 11 Jun 2020 12:16

Instrument :

MSVOA_N

ClientSampleId :

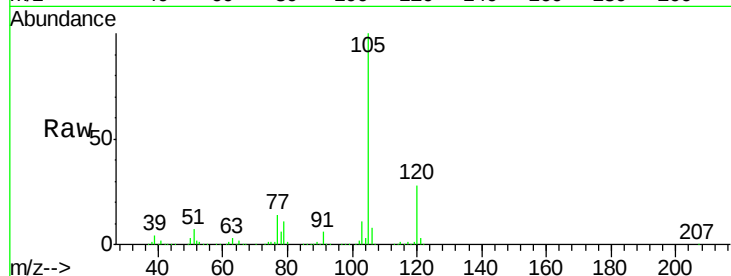
VSTDCCC050

Tot Ion:105 Resp: 1014494

Ion Ratio Lower Upper

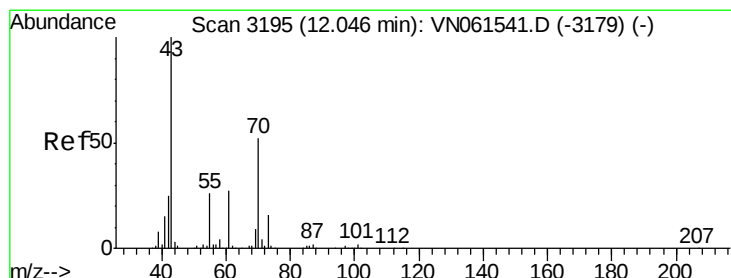
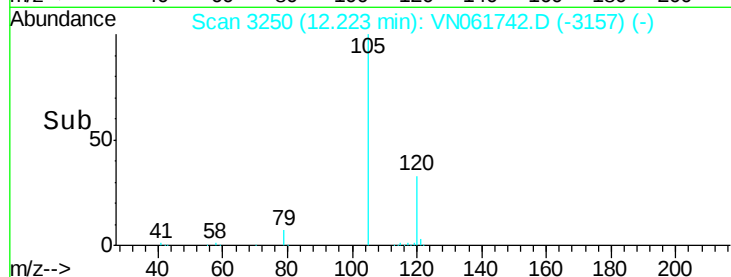
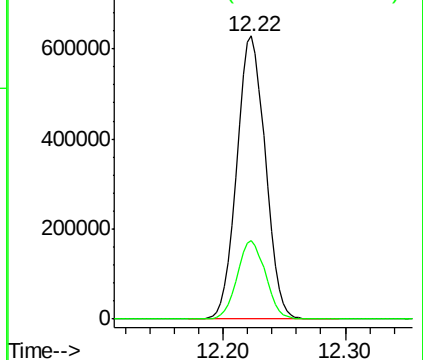
105 100

120 27.5 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 44.839 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN061742.D

Acq: 11 Jun 2020 12:16

Tgt Ion: 43 Resp: 281561

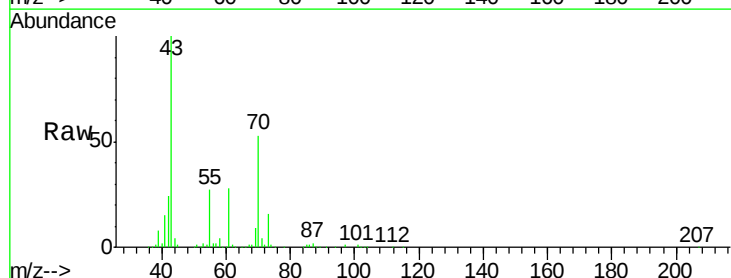
Ion Ratio Lower Upper

43 100

70 53.4 40.5 60.7

55 27.6 20.6 31.0

61 28.5 21.8 32.6

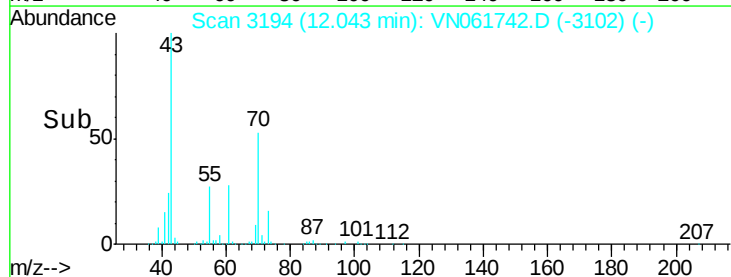
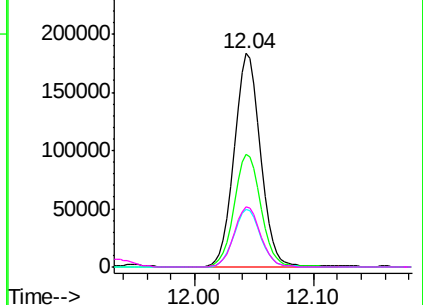


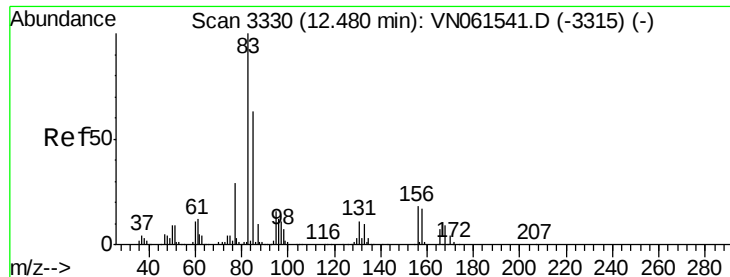
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 46.316 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN061742.D

Acq: 11 Jun 2020 12:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

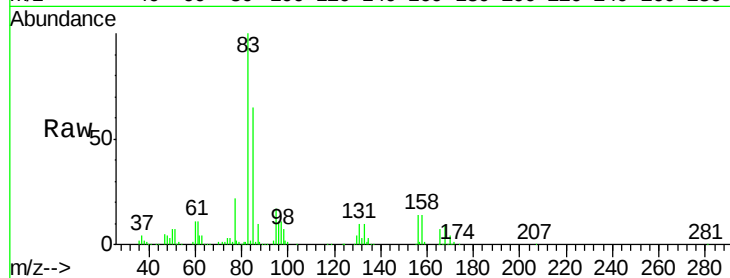
Tot Ion: 83 Resp: 258800

Ion Ratio Lower Upper

83 100

131 11.1 5.5 16.5

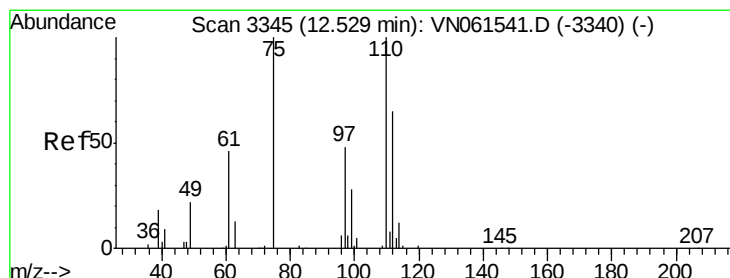
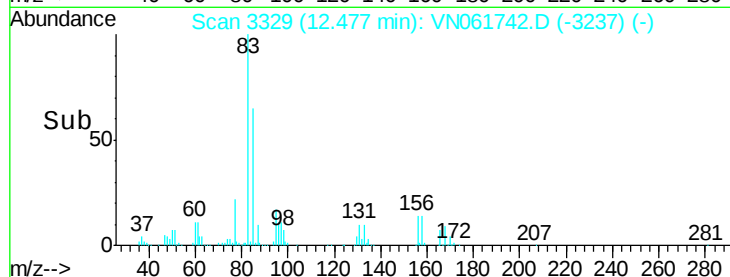
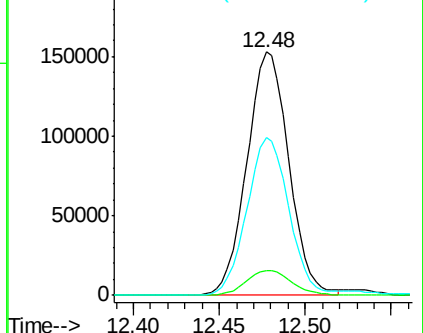
85 64.6 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VN061742.D (-3237) (-)

Ion 130.80 (130.50 to 131.50): VN061742.D (-3237) (-)

Ion 84.90 (84.60 to 85.60): VN061742.D (-3237) (-)



#76

1,2,3-Trichloropropane

Concen: 68.678 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN061742.D

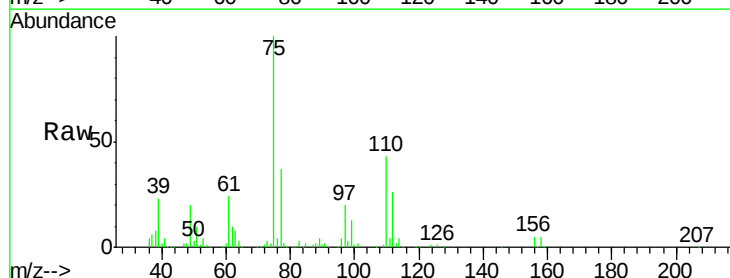
Acq: 11 Jun 2020 12:16

Tgt Ion: 75 Resp: 341173

Ion Ratio Lower Upper

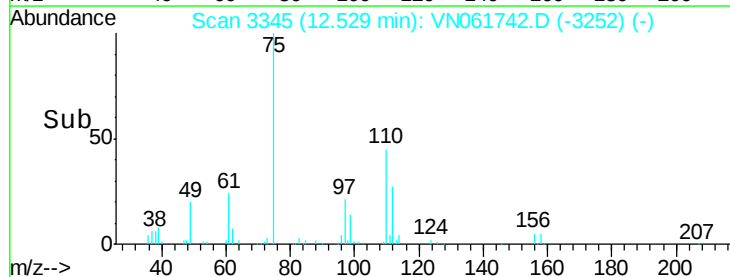
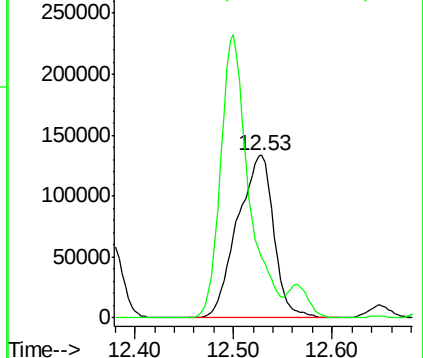
75 100

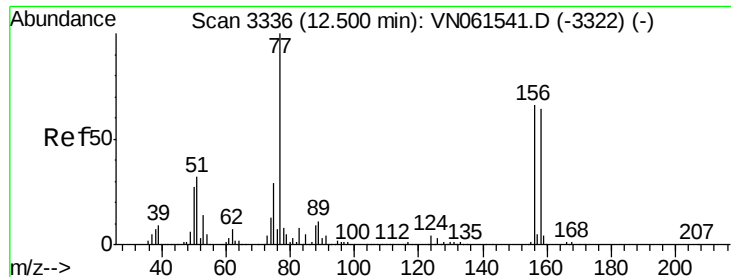
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN061742.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN061742.D (-3252) (-)





#77

Bromobenzene

Concen: 52.790 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN061742.D

Acq: 11 Jun 2020 12:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

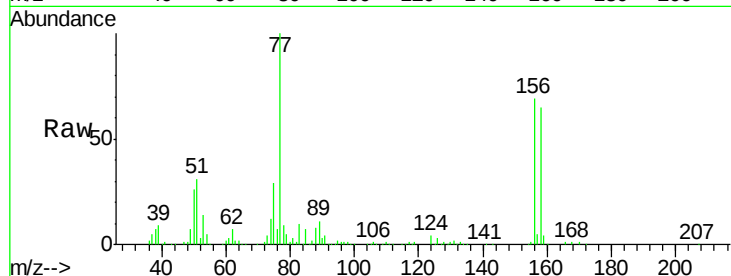
Tot Ion:156 Resp: 268686

Ion Ratio Lower Upper

156 100

77 174.3 90.9 272.7

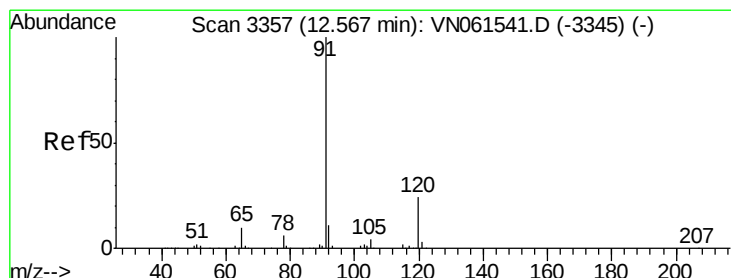
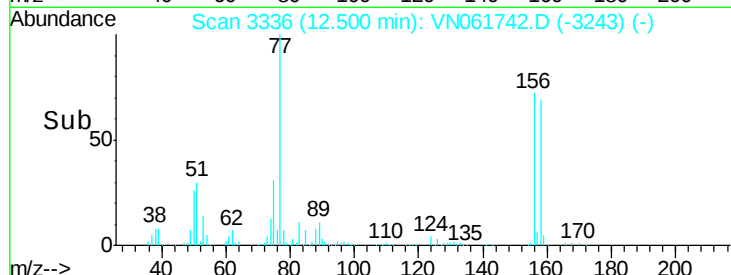
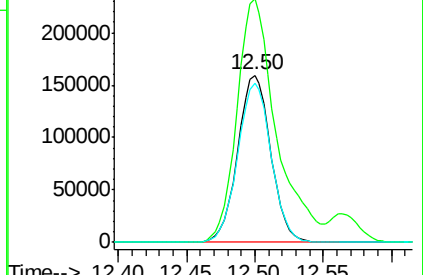
158 96.4 48.4 145.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.450 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN061742.D

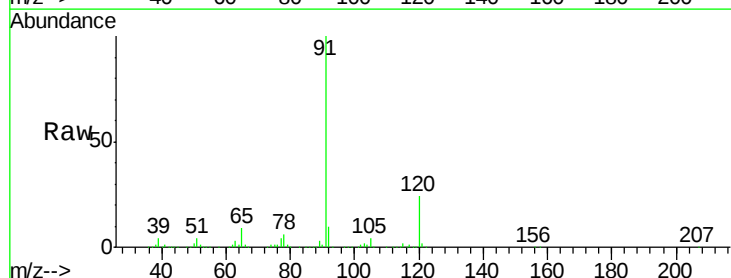
Acq: 11 Jun 2020 12:16

Tgt Ion: 91 Resp: 1145270

Ion Ratio Lower Upper

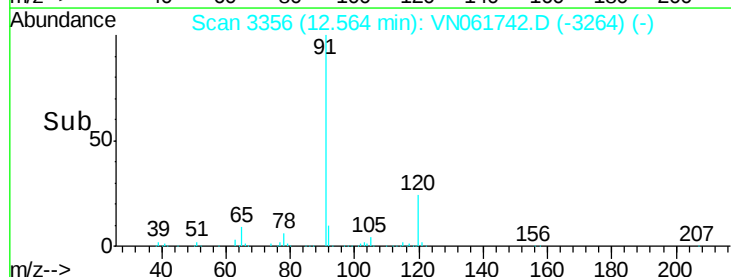
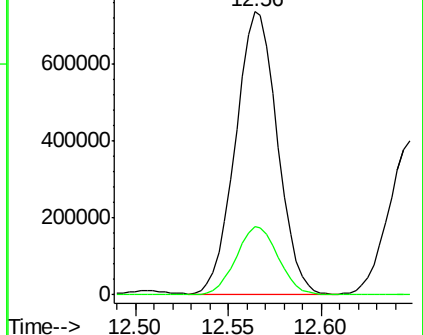
91 100

120 24.4 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.556 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. 0.00 min

Lab File: VN061742.D

Acq: 11 Jun 2020 12:16

Instrument :

MSVOA_N

ClientSampleId :

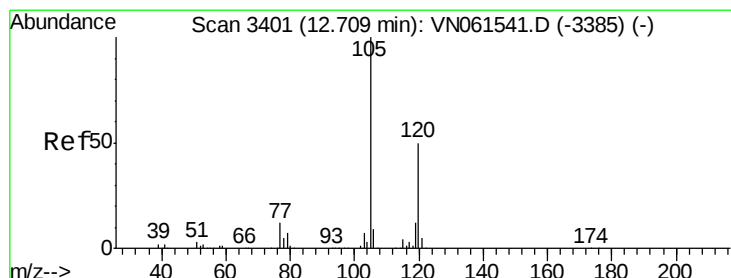
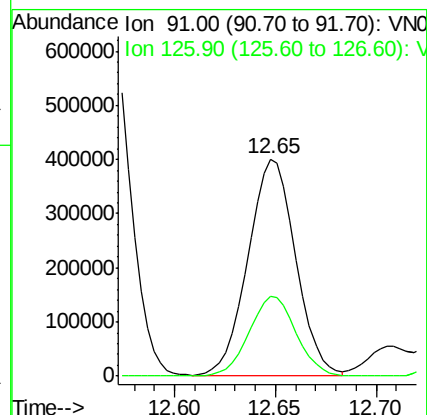
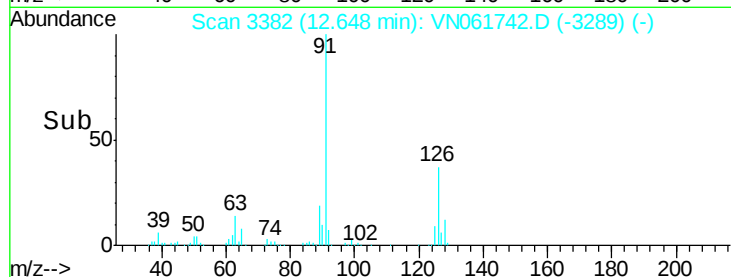
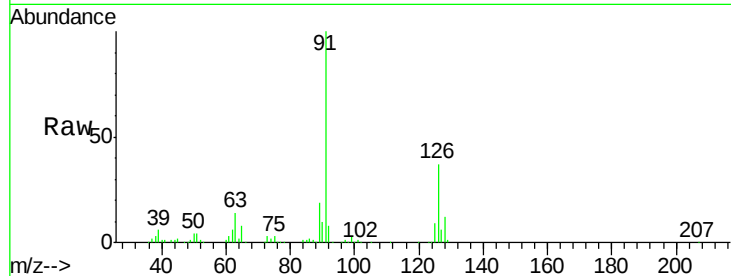
VSTDCCC050

Tot Ion: 91 Resp: 657764

Ion Ratio Lower Upper

91 100

126 36.8 17.9 53.7



#80

1,3,5-Trimethylbenzene

Concen: 50.876 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN061742.D

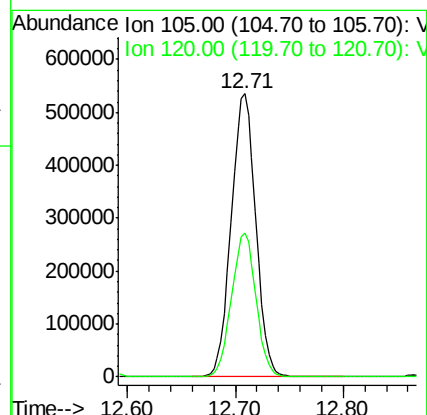
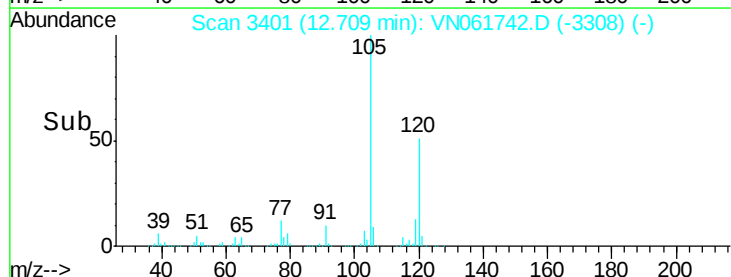
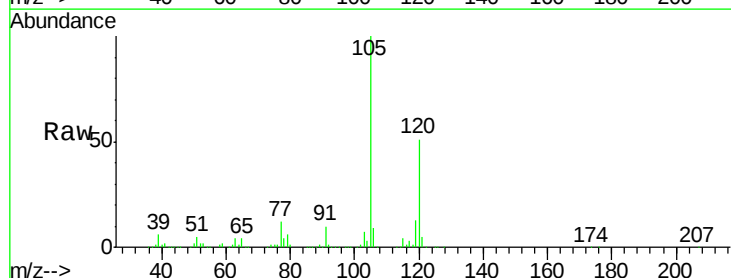
Acq: 11 Jun 2020 12:16

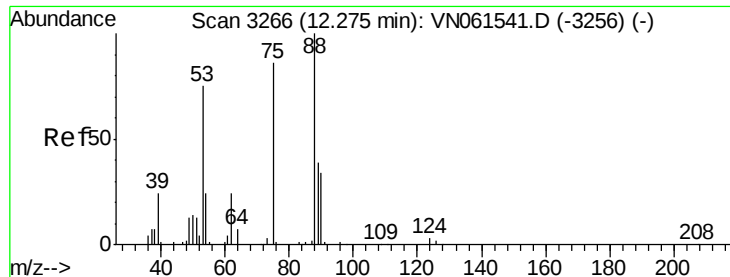
Tgt Ion: 105 Resp: 847891

Ion Ratio Lower Upper

105 100

120 50.8 25.1 75.2





#81

trans-1,4-Dichloro-2-butene

Concen: 46.262 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN061742.D

Acq: 11 Jun 2020 12:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

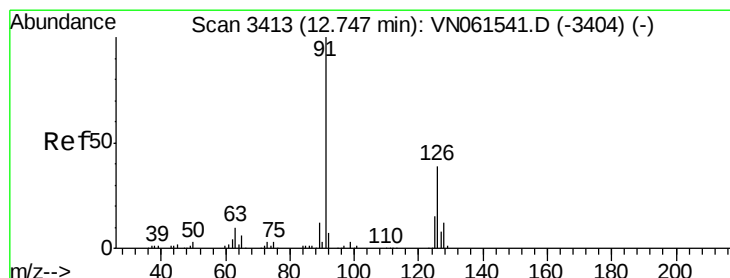
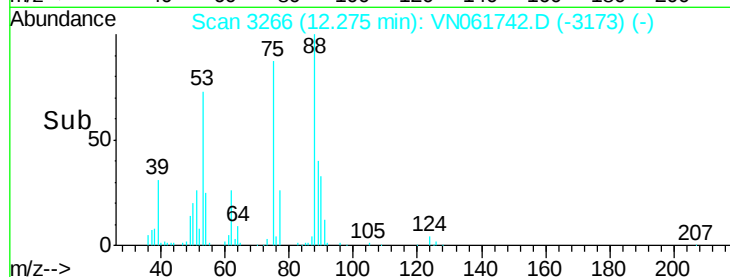
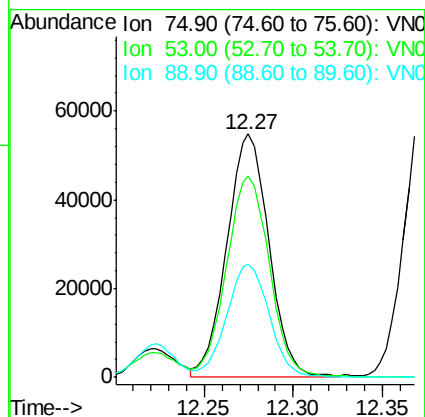
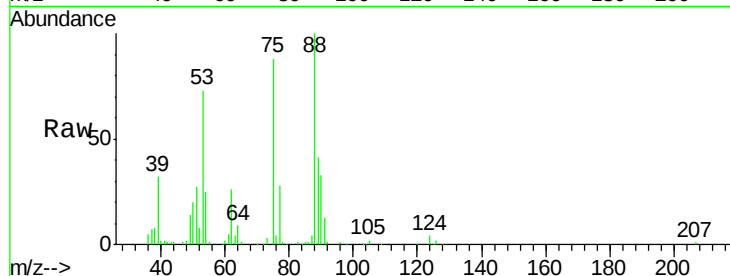
Tot Ion: 75 Resp: 89868

Ion Ratio Lower Upper

75 100

53 85.0 67.8 101.8

89 46.1 37.1 55.7



#82

4-Chlorotoluene

Concen: 50.268 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN061742.D

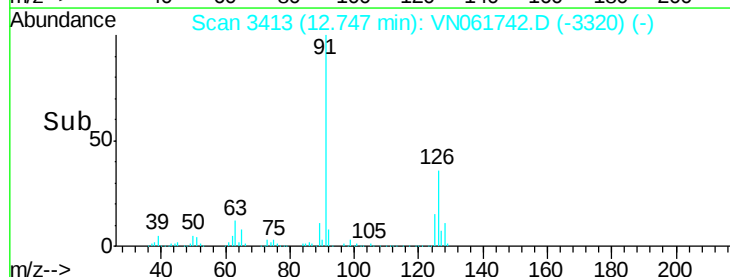
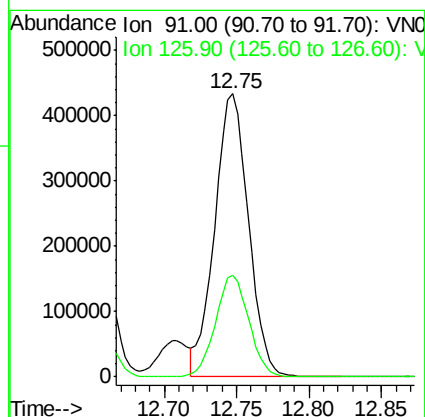
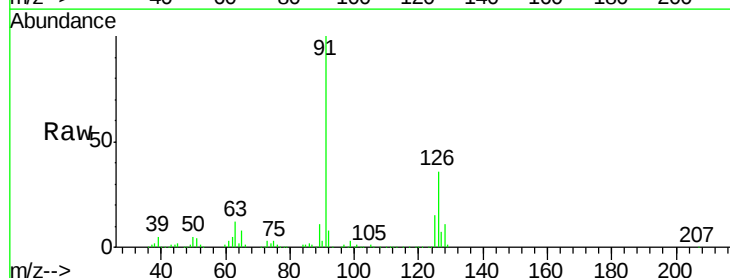
Acq: 11 Jun 2020 12:16

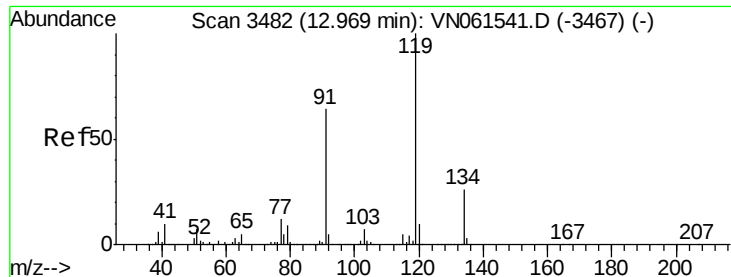
Tgt Ion: 91 Resp: 701919

Ion Ratio Lower Upper

91 100

126 35.3 17.5 52.6

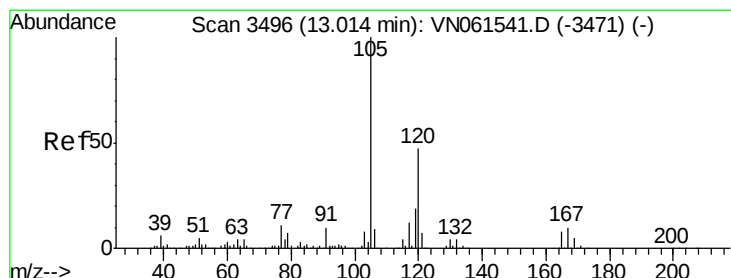
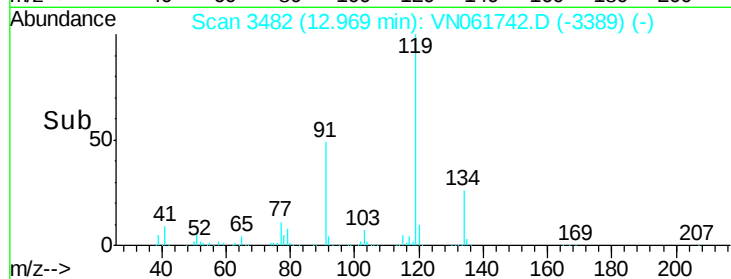
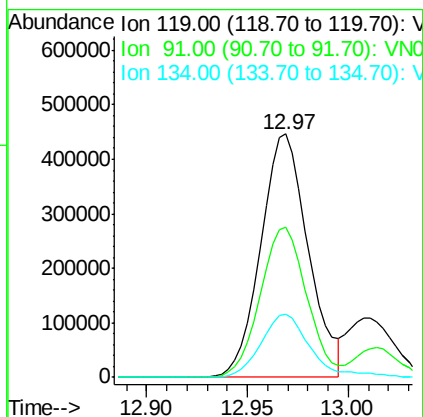
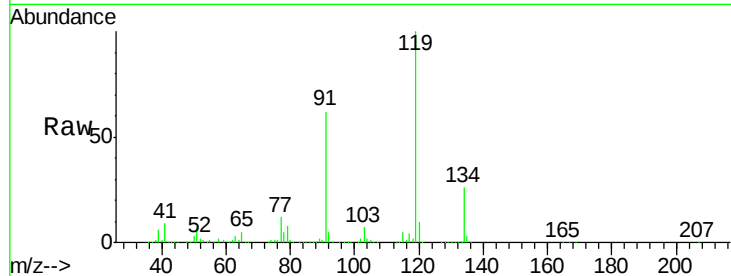




#83
tert-Butylbenzene
Concen: 49.718 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. 0.00 min
Lab File: VN061742.D
Acq: 11 Jun 2020 12:16

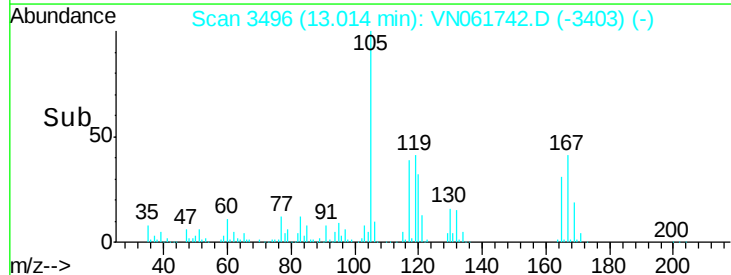
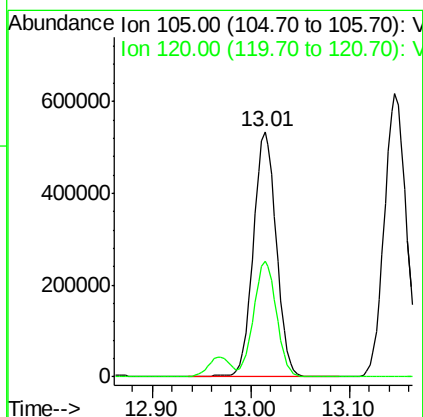
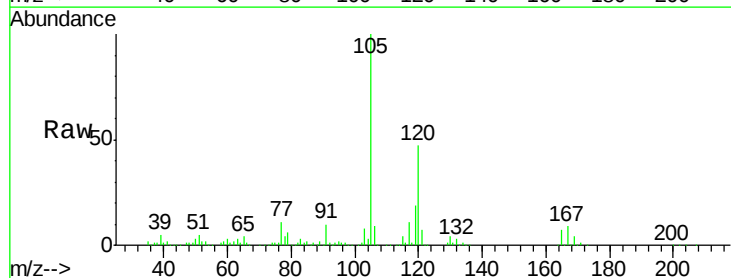
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:119 Resp: 732100
Ion Ratio Lower Upper
119 100
91 60.1 31.3 93.8
134 27.0 13.5 40.4



#84
1,2,4-Trimethylbenzene
Concen: 51.575 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. 0.00 min
Lab File: VN061742.D
Acq: 11 Jun 2020 12:16

Tgt Ion:105 Resp: 853891
Ion Ratio Lower Upper
105 100
120 46.8 23.2 69.5





#85

sec-Butylbenzene

Concen: 50.492 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. 0.00 min

Lab File: VN061742.D

Acq: 11 Jun 2020 12:16

Instrument :

MSVOA_N

ClientSampleId :

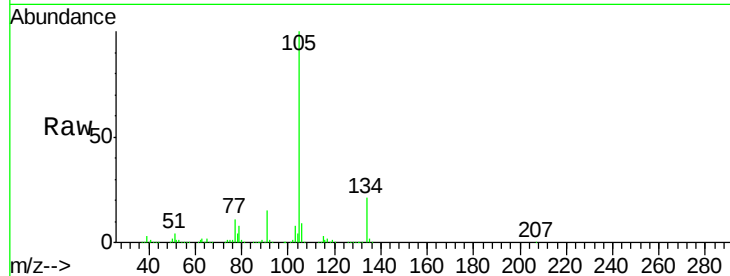
VSTDCCC050

Tot Ion:105 Resp: 958055

Ion Ratio Lower Upper

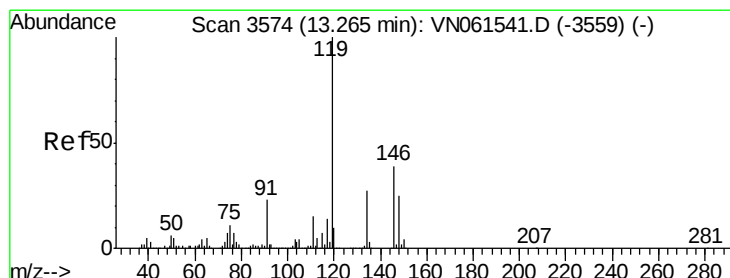
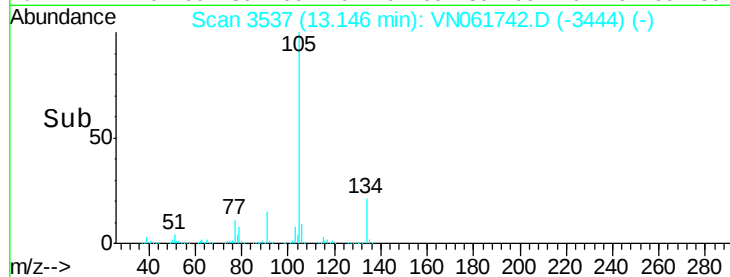
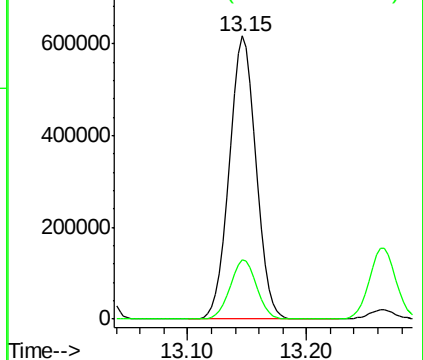
105 100

134 20.8 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.833 ug/l

RT: 13.26 min Scan# 3573

Delta R.T. -0.00 min

Lab File: VN061742.D

Acq: 11 Jun 2020 12:16

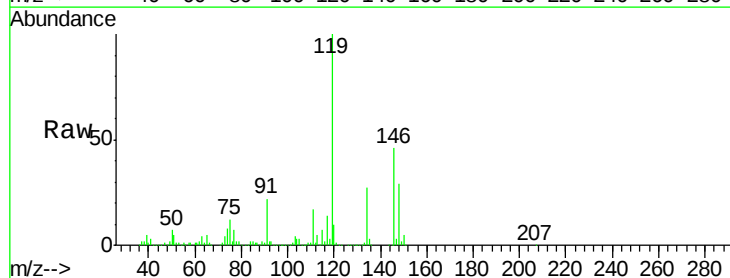
Tgt Ion:119 Resp: 905712

Ion Ratio Lower Upper

119 100

134 26.6 13.5 40.5

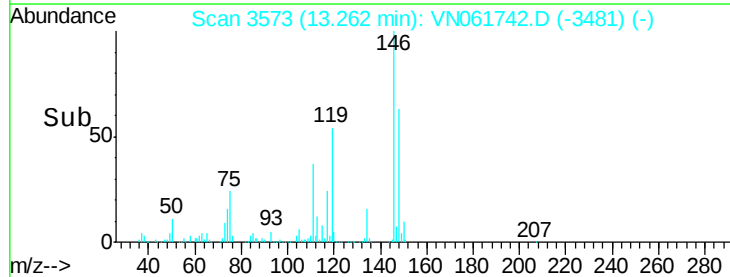
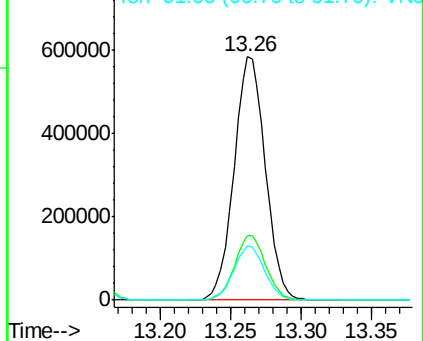
91 21.9 11.4 34.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

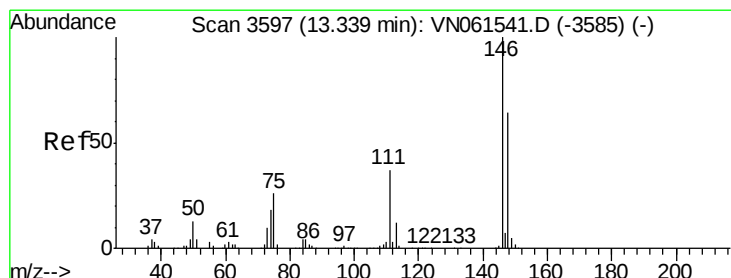
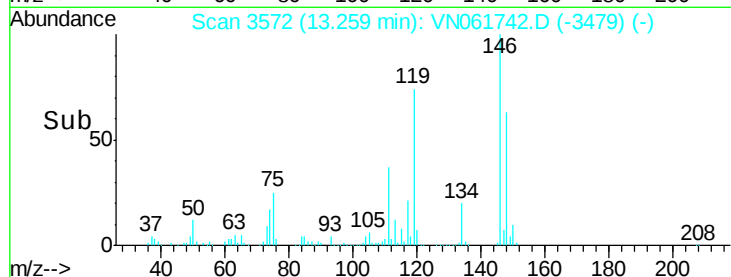
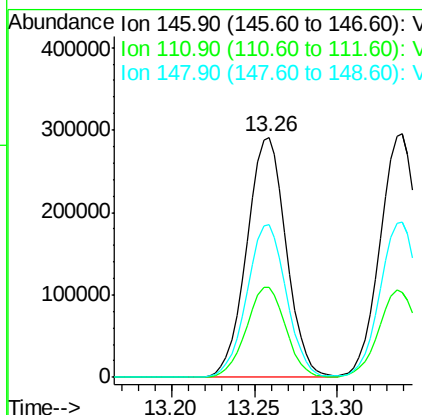
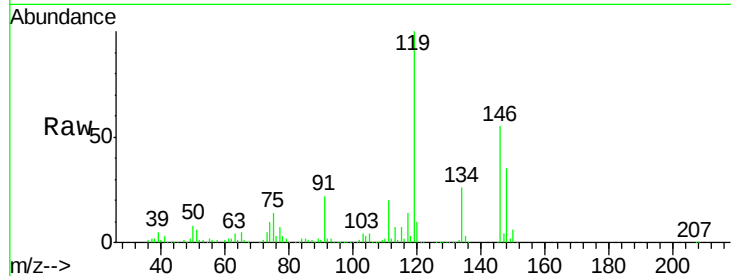




#87
 1,3-Dichlorobenzene
 Concen: 53.489 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN061742.D
 Acq: 11 Jun 2020 12:16

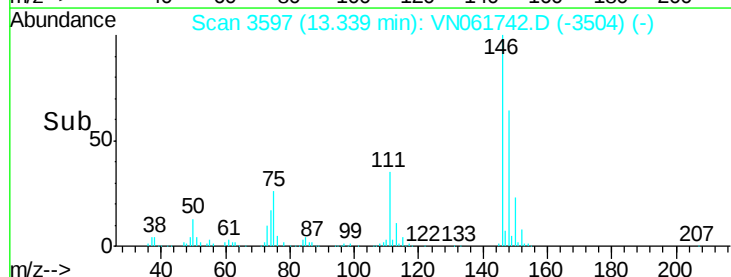
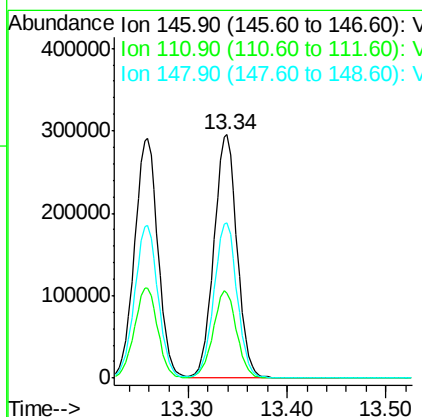
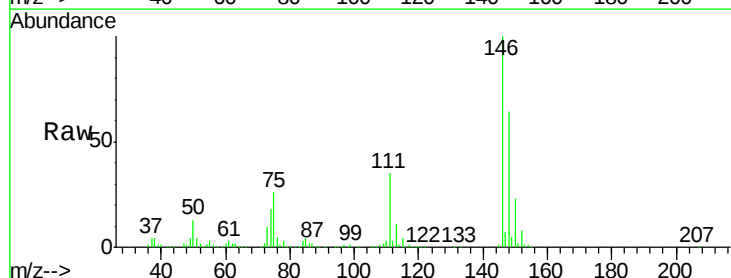
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

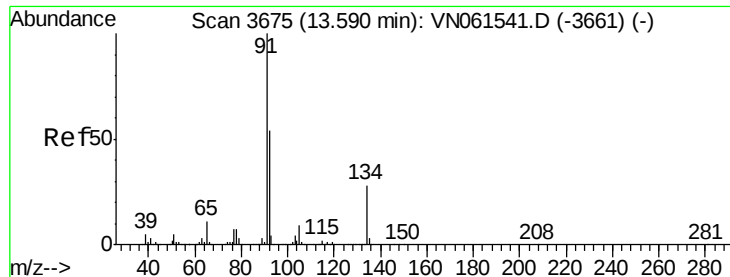
Tot Ion:146 Resp: 482092
 Ion Ratio Lower Upper
 146 100
 111 37.6 19.2 57.6
 148 63.8 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 52.930 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN061742.D
 Acq: 11 Jun 2020 12:16

Tgt Ion:146 Resp: 485982
 Ion Ratio Lower Upper
 146 100
 111 35.9 18.9 56.9
 148 63.9 31.8 95.3





#89

n-Butylbenzene

Concen: 50.910 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. 0.00 min

Lab File: VN061742.D

Acq: 11 Jun 2020 12:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

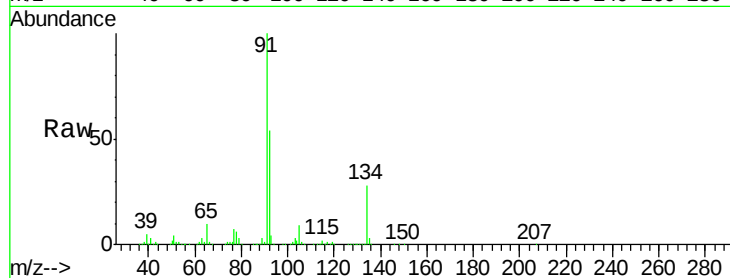
Tot Ion: 91 Resp: 745118

Ion Ratio Lower Upper

91 100

92 53.5 27.2 81.6

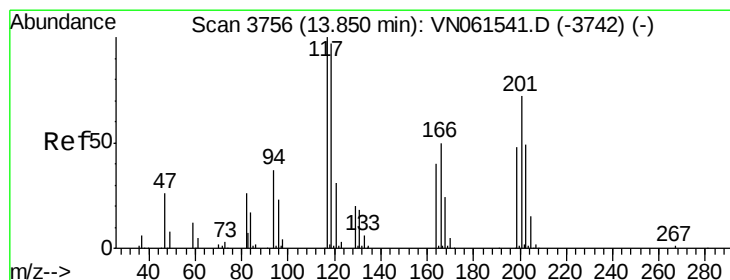
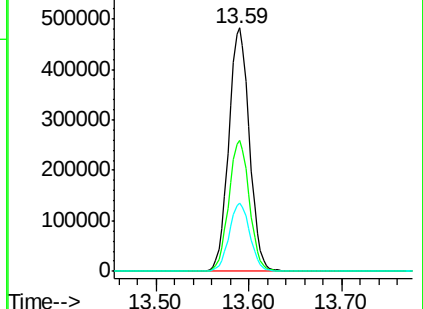
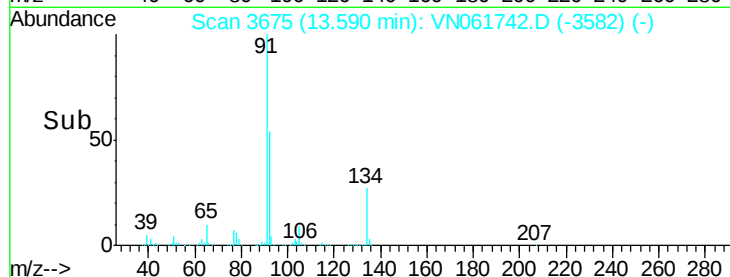
134 28.2 14.0 42.0



Abundance Ion 91.00 (90.70 to 91.70): VN061742.D (-3582) (-)

Ion 92.00 (91.70 to 92.70): VN061742.D (-3582) (-)

Ion 134.00 (133.70 to 134.70): VN061742.D (-3582) (-)



#90

Hexachloroethane

Concen: 65.540 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. 0.00 min

Lab File: VN061742.D

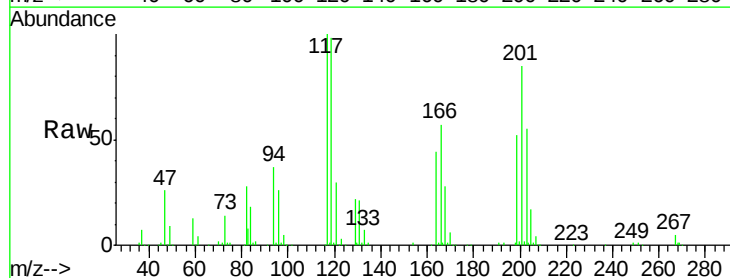
Acq: 11 Jun 2020 12:16

Tgt Ion: 117 Resp: 126653

Ion Ratio Lower Upper

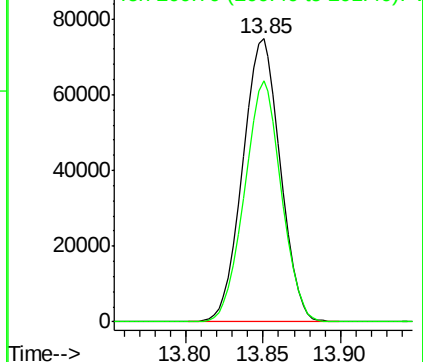
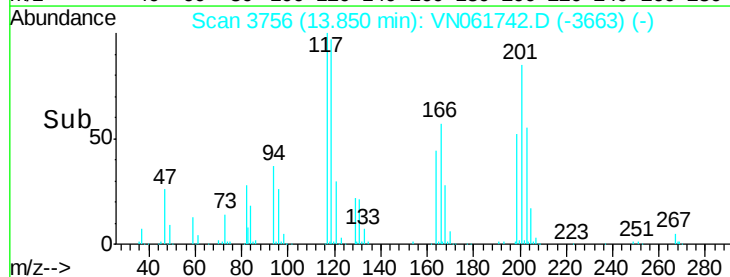
117 100

201 83.5 36.7 110.1



Abundance Ion 116.80 (116.50 to 117.50): VN061742.D (-3663) (-)

Ion 200.70 (200.40 to 201.40): VN061742.D (-3663) (-)

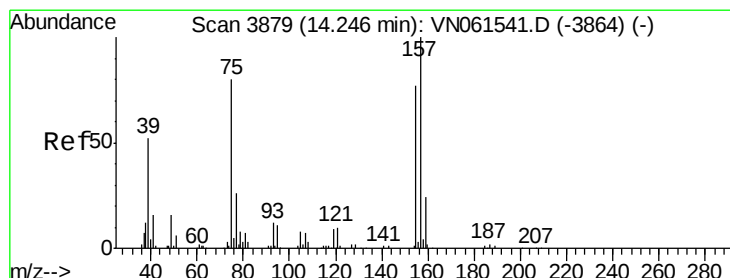
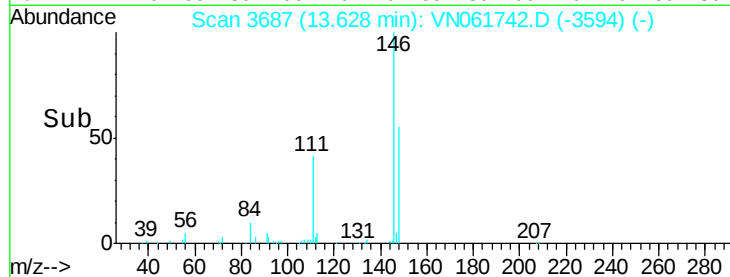
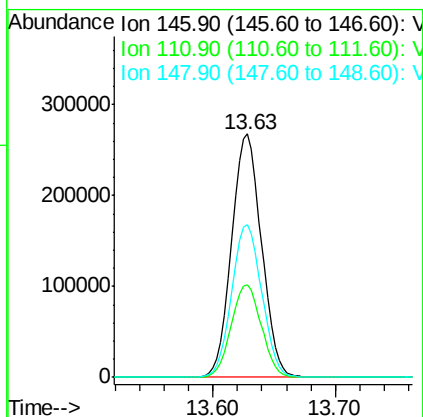
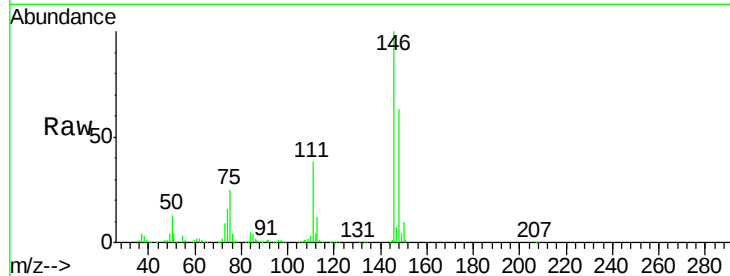




#91
 1,2-Dichlorobenzene
 Concen: 52.968 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN061742.D
 Acq: 11 Jun 2020 12:16

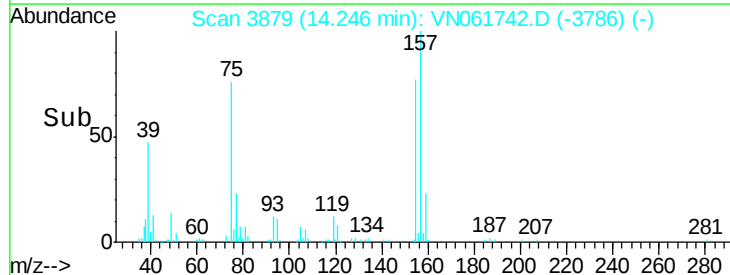
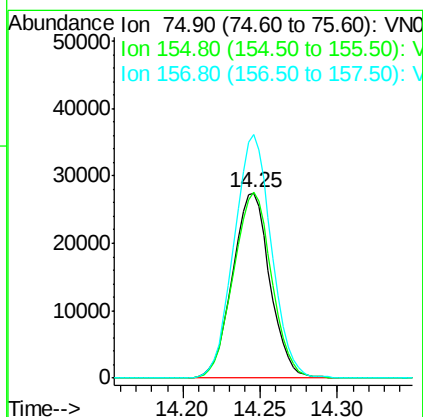
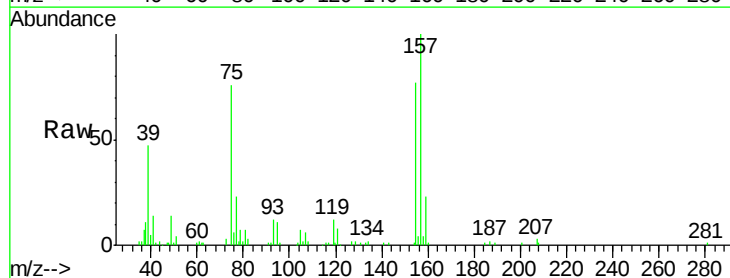
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	20.1	60.2
148	63.5	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 40.512 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN061742.D
 Acq: 11 Jun 2020 12:16

Tgt Ion	Ratio	Lower	Upper
75	100		
155	102.6	47.1	141.4
157	131.5	60.3	180.8

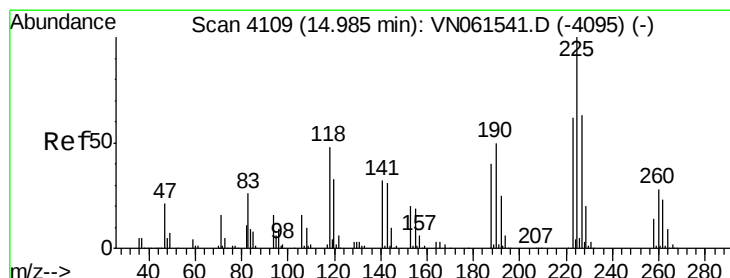
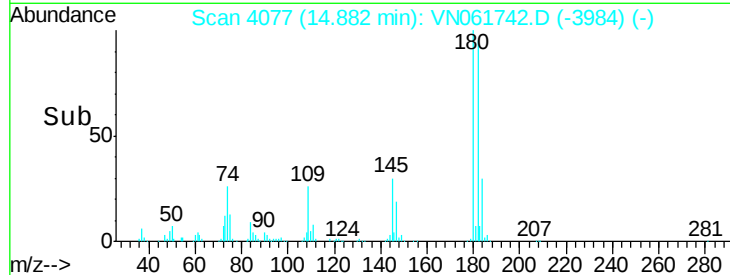
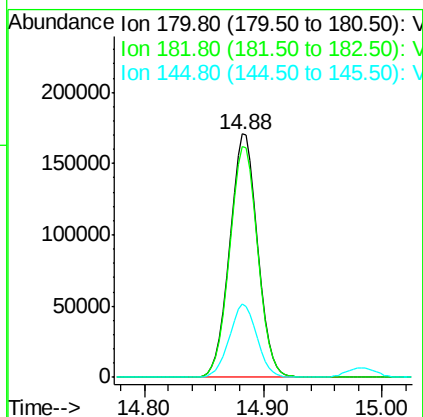
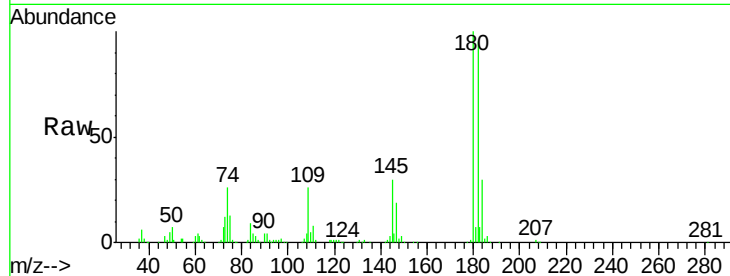




#93
 1,2,4-Trichlorobenzene
 Concen: 54.851 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN061742.D
 Acq: 11 Jun 2020 12:16

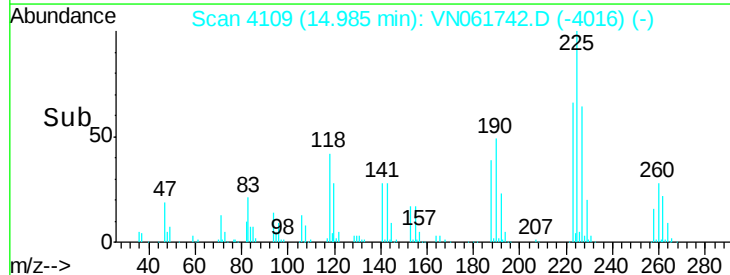
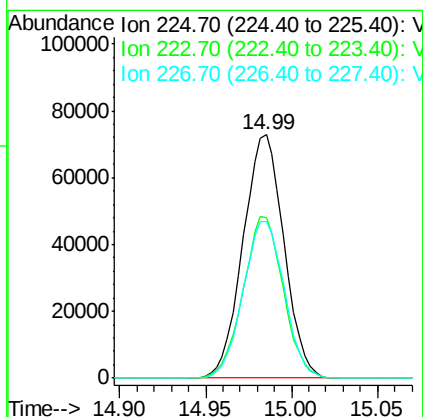
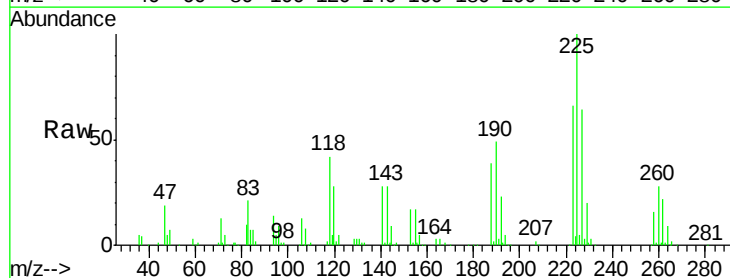
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.8	143.3
145	30.0	15.5	46.5



#94
 Hexachlorobutadiene
 Concen: 55.893 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN061742.D
 Acq: 11 Jun 2020 12:16

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.1	31.9	95.5
227	64.6	31.9	95.9





#95

Naphthalene

Concen: 48.968 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN061742.D

Acq: 11 Jun 2020 12:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

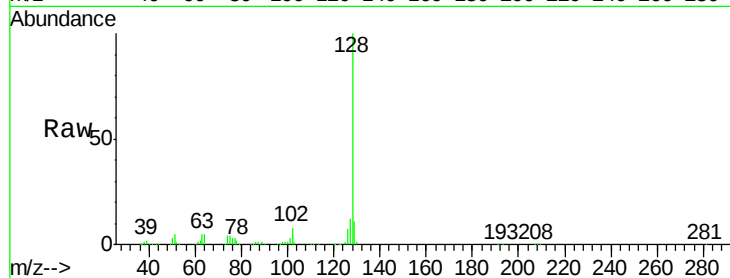
Tot Ion:128 Resp: 750799

Ion Ratio Lower Upper

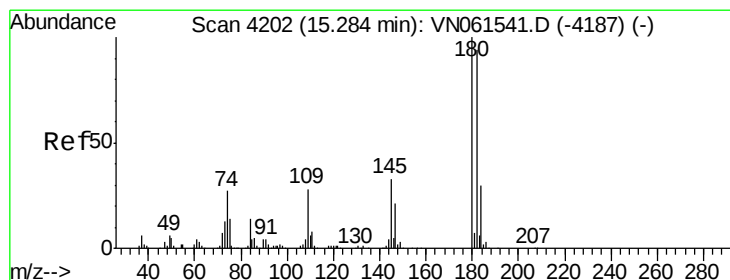
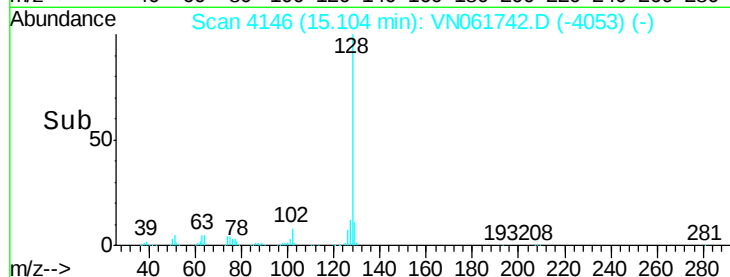
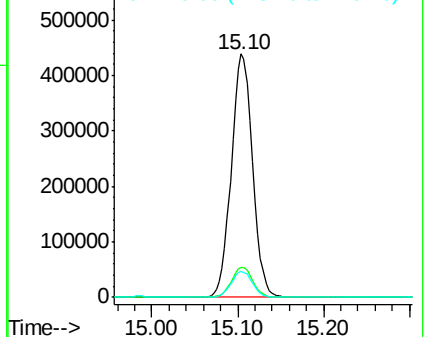
128 100

127 12.5 10.0 15.0

129 10.7 8.5 12.7



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



#96

1,2,3-Trichlorobenzene

Concen: 53.783 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. 0.00 min

Lab File: VN061742.D

Acq: 11 Jun 2020 12:16

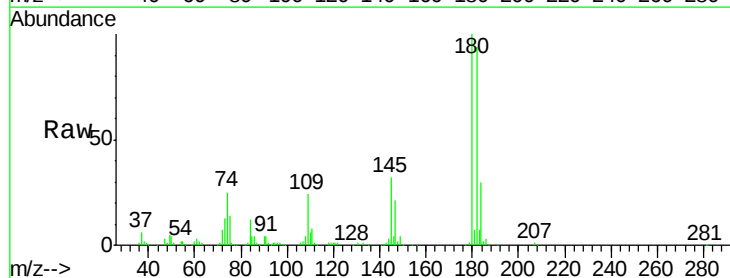
Tgt Ion:180 Resp: 266371

Ion Ratio Lower Upper

180 100

182 94.9 47.1 141.3

145 32.2 16.3 48.9



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

