

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082520\
 Data File : VN063125.D
 Acq On : 25 Aug 2020 20:40
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 26 07:24:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 06:09:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	211281	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	337439	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	306884	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	153300	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	132704	53.00	ug/l	0.00
Spiked Amount			Recovery	=	106.00%	
35) Dibromofluoromethane	7.55	113	101756	46.28	ug/l	0.00
Spiked Amount			Recovery	=	92.56%	
50) Toluene-d8	10.06	98	430641	50.99	ug/l	0.00
Spiked Amount			Recovery	=	101.98%	
62) 4-Bromofluorobenzene	12.38	95	155956	52.33	ug/l	0.00
Spiked Amount			Recovery	=	104.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	128064	46.414	ug/l	98
3) Chloromethane	2.03	50	135391	46.736	ug/l	100
4) Vinyl Chloride	2.16	62	138916	49.585	ug/l	98
5) Bromomethane	2.53	94	58567	35.220	ug/l	95
6) Chloroethane	2.67	64	82847	50.086	ug/l	99
7) Trichlorofluoromethane	2.99	101	145836	41.742	ug/l	98
8) Diethyl Ether	3.38	74	62140	50.276	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	86007	45.684	ug/l	99
10) Methyl Iodide	3.91	142	92951	38.952	ug/l	100
11) Tert butyl alcohol	4.73	59	82811	233.474	ug/l	100
12) 1,1-Dichloroethene	3.70	96	90105	50.242	ug/l	93
13) Acrolein	3.57	56	2980	26.819	ug/l	85
14) Allyl chloride	4.28	41	119543	37.804	ug/l	96
15) Acrylonitrile	4.93	53	261963	251.282	ug/l	99
16) Acetone	3.78	43	223930	287.358	ug/l	98
17) Carbon Disulfide	4.01	76	196209	41.775	ug/l	99
18) Methyl Acetate	4.28	43	279559	112.341	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	338783	54.166	ug/l	99
20) Methylene Chloride	4.50	84	105713	47.825	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	88843	47.336	ug/l	97
22) Diisopropyl ether	5.90	45	378696	52.774	ug/l	98
23) Vinyl Acetate	5.85	43	1162365	240.045	ug/l	100
24) 1,1-Dichloroethane	5.80	63	196062	48.895	ug/l	98
25) 2-Butanone	6.79	43	326703	245.749	ug/l	99
26) 2,2-Dichloropropane	6.78	77	124595	39.510	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	114370	48.617	ug/l	100
28) Bromochloromethane	7.15	49	104371	49.746	ug/l	97
29) Tetrahydrofuran	7.17	42	215474	251.133	ug/l	99
30) Chloroform	7.33	83	200738	49.707	ug/l	100
31) Cyclohexane	7.62	56	176379	47.791	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	160116	48.565	ug/l	98
36) 1,1-Dichloropropene	7.75	75	131701	44.289	ug/l	99
37) Ethyl Acetate	6.89	43	126990	45.575	ug/l	99
38) Carbon Tetrachloride	7.73	117	111845	37.255	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	166616	41.767	ug/l	98
40) Benzene	8.00	78	427456	45.322	ug/l	99
41) Methacrylonitrile	7.13	41	64926	48.906	ug/l	96
42) 1,2-Dichloroethane	8.09	62	143380	45.275	ug/l	100
43) Isopropyl Acetate	8.13	43	222964	48.300	ug/l	99
44) Trichloroethene	8.80	130	133353	56.842	ug/l	95
45) 1,2-Dichloropropane	9.08	63	126437	46.378	ug/l	99
46) Dibromomethane	9.17	93	72900	46.287	ug/l	99
47) Bromodichloromethane	9.37	83	153332	44.451	ug/l	100
48) Methyl methacrylate	9.17	41	109128	49.964	ug/l	97
49) 1,4-Dioxane	9.17	88	36920	771.704	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	719224	246.493	ug/l	100
52) Toluene	10.13	92	270053	47.466	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	165224	46.318	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	184354	47.111	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	113770	46.766	ug/l	99
56) Ethyl methacrylate	10.40	69	173864	46.403	ug/l	99
57) 1,3-Dichloropropane	10.68	76	188170	46.581	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.67	63	394710	423.218	ug/l	99
59) 2-Hexanone	10.72	43	508439	249.815	ug/l	100
60) Dibromochloromethane	10.88	129	113252	42.066	ug/l	99
61) 1,2-Dibromoethane	10.98	107	110186	47.138	ug/l	99
64) Tetrachloroethene	10.61	164	164656	81.623	ug/l	98
65) Chlorobenzene	11.41	112	294977	47.860	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	97545	40.690	ug/l	99
67) Ethyl Benzene	11.49	91	526071	50.514	ug/l	99
68) m/p-Xylenes	11.60	106	393385	101.633	ug/l	99
69) o-Xylene	11.92	106	191162	51.431	ug/l	98
70) Styrene	11.94	104	343939	46.759	ug/l	100
71) Bromoform	12.10	173	65425	34.287	ug/l #	100
73) Isopropylbenzene	12.23	105	519006	49.439	ug/l	99
74) N-amyl acetate	12.05	43	216387	57.552	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	138495	40.565	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	130109m	43.664	ug/l	
77) Bromobenzene	12.50	156	133802	46.342	ug/l	99
78) n-propylbenzene	12.57	91	605816	50.629	ug/l	100
79) 2-Chlorotoluene	12.65	91	359973	47.828	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	442420	50.981	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	46623	42.972	ug/l	99
82) 4-Chlorotoluene	12.75	91	378207	49.350	ug/l	100
83) tert-Butylbenzene	12.97	119	371992	49.664	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	454283	53.734	ug/l	99
85) sec-Butylbenzene	13.15	105	496278	49.026	ug/l	100
86) p-Isopropyltoluene	13.26	119	453306	51.393	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	243197	49.012	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	247646	49.172	ug/l	99
89) n-Butylbenzene	13.59	91	403993	48.418	ug/l	99
90) Hexachloroethane	13.85	117	28330	15.111	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	240620	50.202	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	30346	57.397	ug/l	99

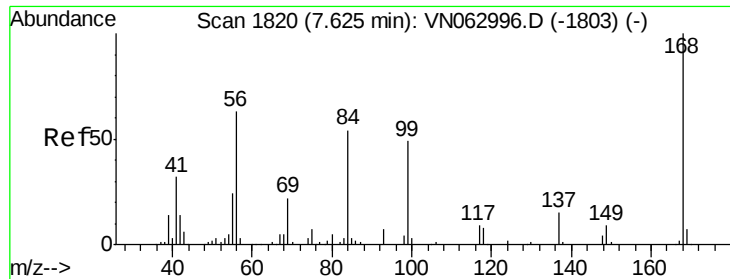
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	155708	57.824	ug/l	99
94) Hexachlorobutadiene	14.98	225	63337	35.760	ug/l	99
95) Naphthalene	15.11	128	449176	70.791	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	151368	57.474	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN063125.D

Acq: 25 Aug 2020 20:40

Instrument :

MSVOA_N

ClientSampleId :

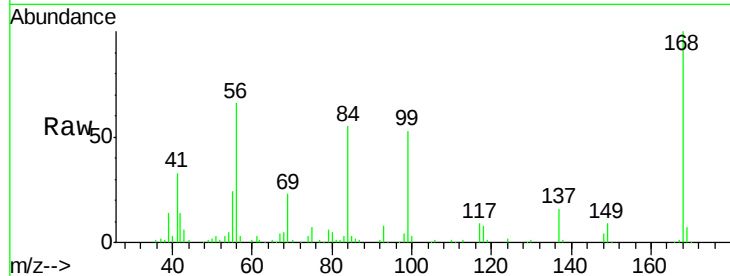
VSTDCC050

Tot Ion:168 Resp: 211281

Ion Ratio Lower Upper

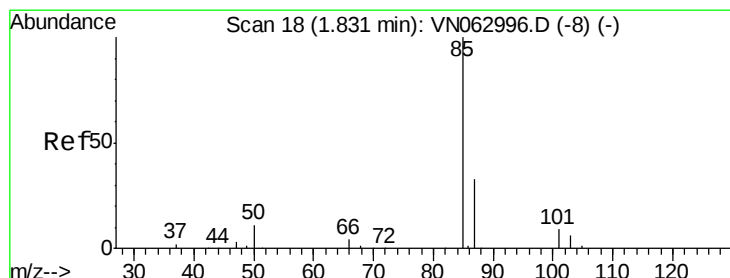
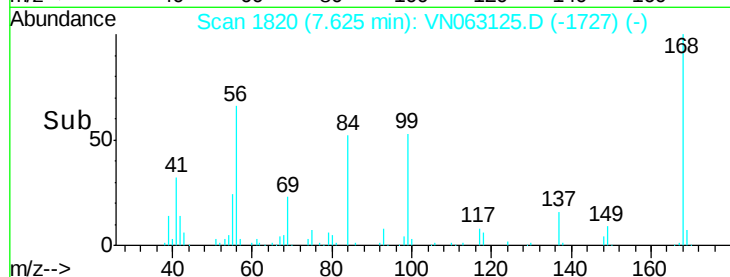
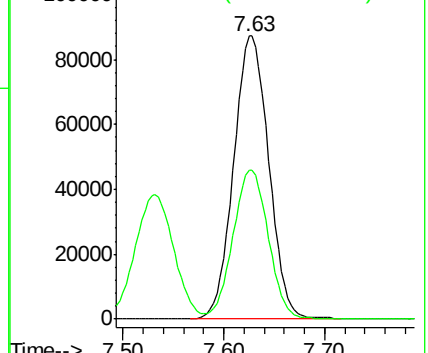
168 100

99 52.6 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 46.414 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN063125.D

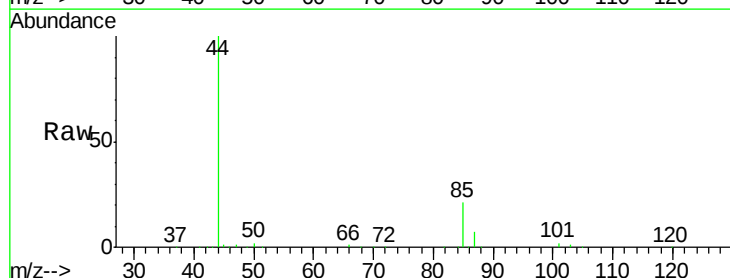
Acq: 25 Aug 2020 20:40

Tgt Ion: 85 Resp: 128064

Ion Ratio Lower Upper

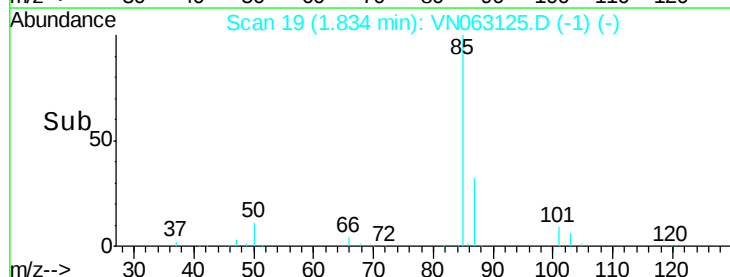
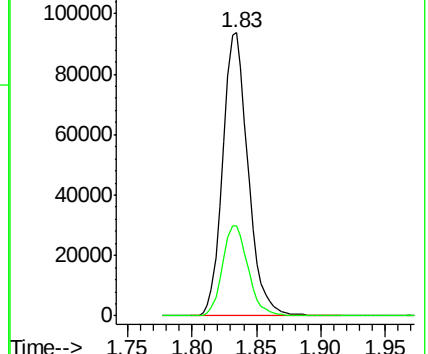
85 100

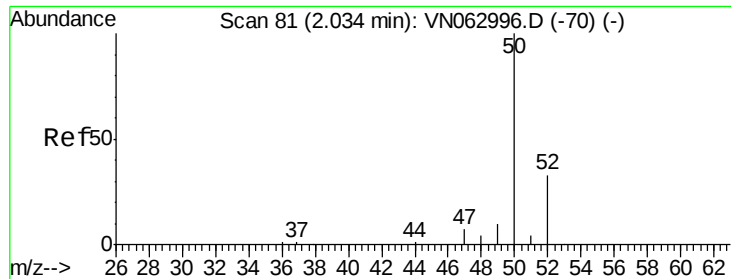
87 31.8 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

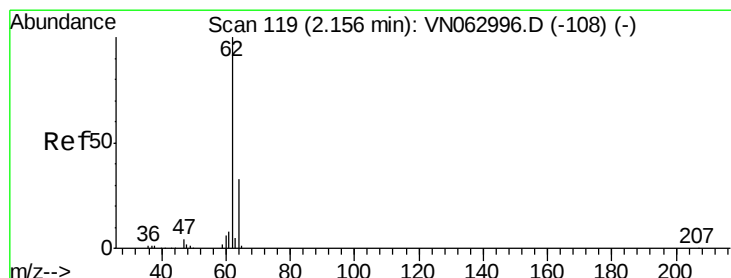
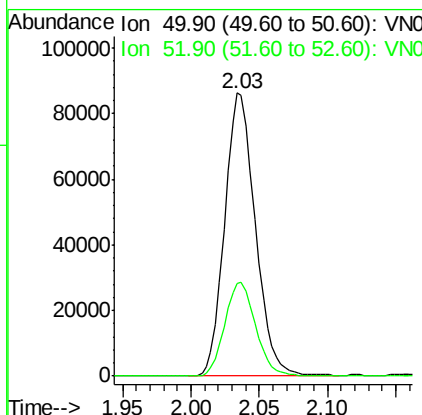
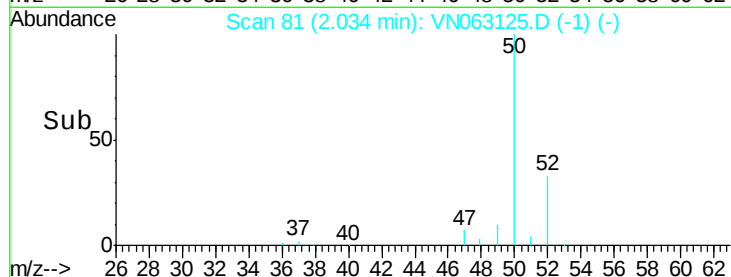
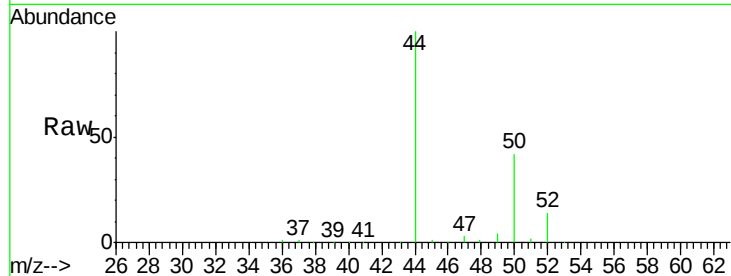




#3
 Chloromethane
 Concen: 46.736 ug/l
 RT: 2.03 min Scan# 81
 Delta R.T. -0.00 min
 Lab File: VN063125.D
 Acq: 25 Aug 2020 20:40

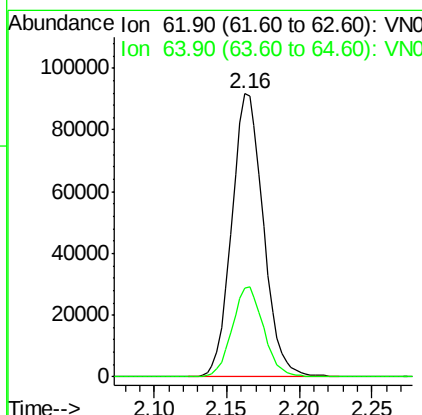
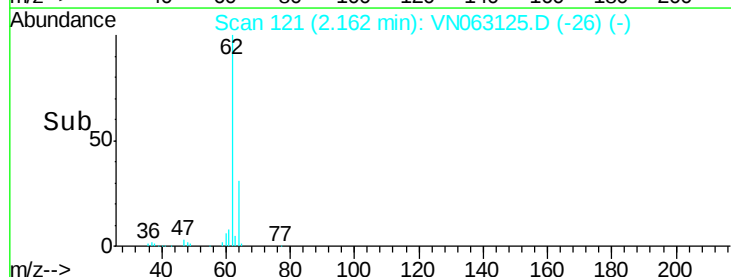
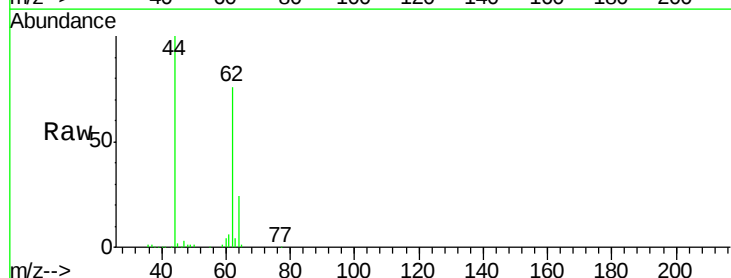
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCC050

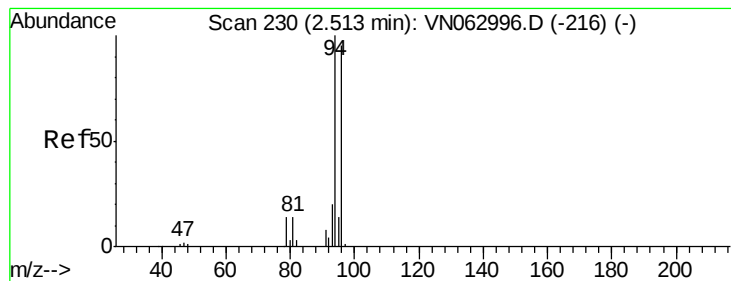
Tot Ion: 50 Resp: 135391
 Ion Ratio Lower Upper
 50 100
 52 32.6 26.0 39.0



#4
 Vinyl Chloride
 Concen: 49.585 ug/l
 RT: 2.16 min Scan# 121
 Delta R.T. 0.01 min
 Lab File: VN063125.D
 Acq: 25 Aug 2020 20:40

Tgt Ion: 62 Resp: 138916
 Ion Ratio Lower Upper
 62 100
 64 31.4 26.2 39.2





#5

Bromomethane

Concen: 35.220 ug/l

RT: 2.53 min Scan# 236

Delta R.T. 0.02 min

Lab File: VN063125.D

Acq: 25 Aug 2020 20:40

Instrument :

MSVOA_N

ClientSampleId :

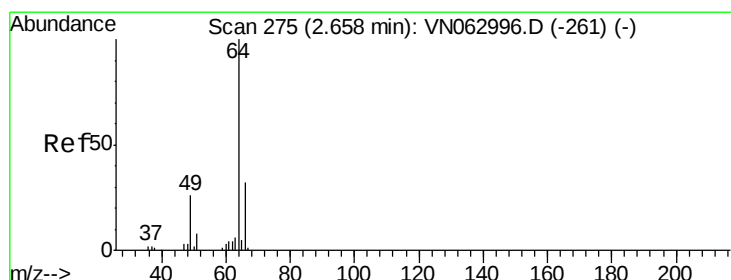
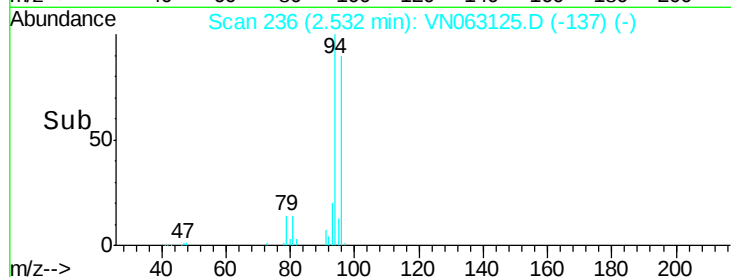
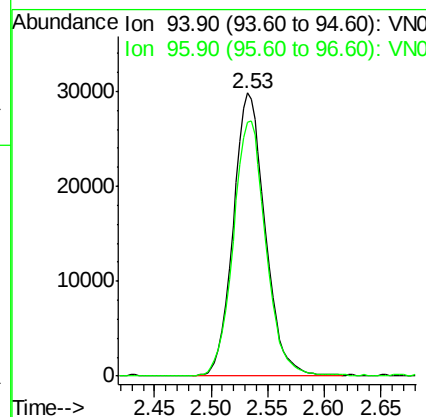
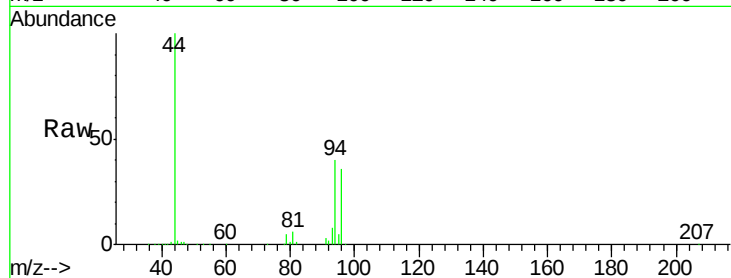
VSTDCC050

Tot Ion: 94 Resp: 58567

Ion Ratio Lower Upper

94 100

96 89.9 75.8 113.8



#6

Chloroethane

Concen: 50.086 ug/l

RT: 2.67 min Scan# 279

Delta R.T. 0.01 min

Lab File: VN063125.D

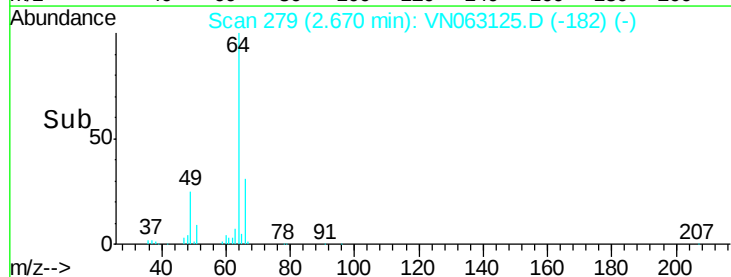
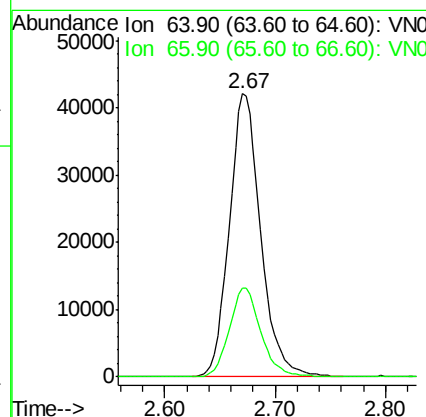
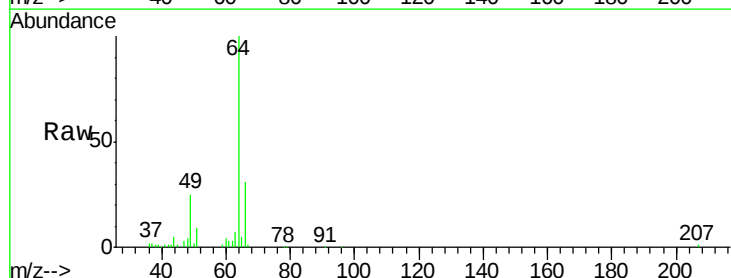
Acq: 25 Aug 2020 20:40

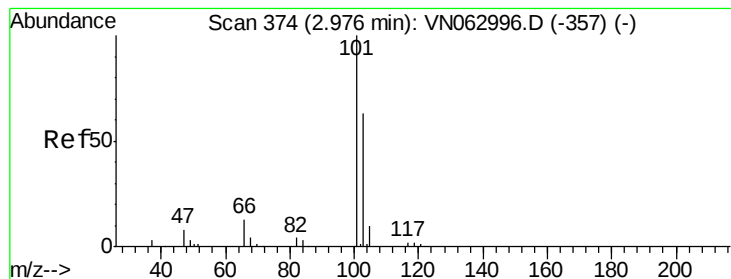
Tgt Ion: 64 Resp: 82847

Ion Ratio Lower Upper

64 100

66 31.3 25.4 38.0



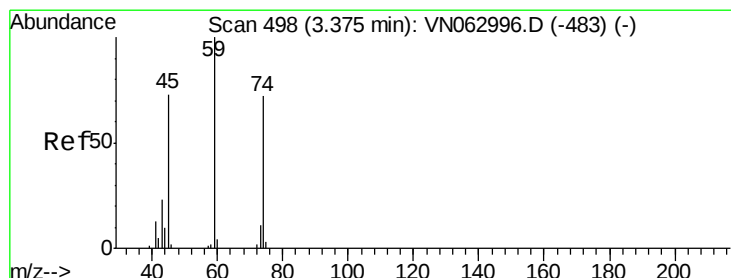
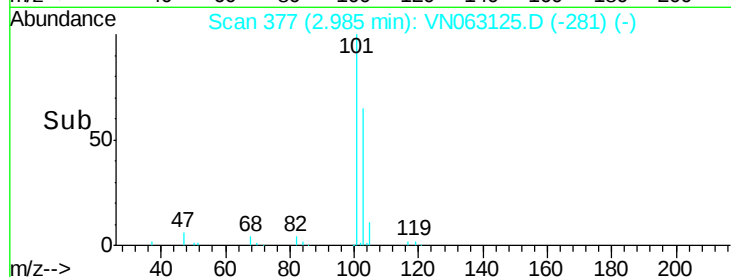
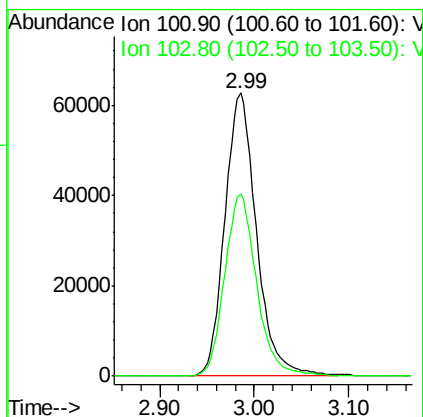
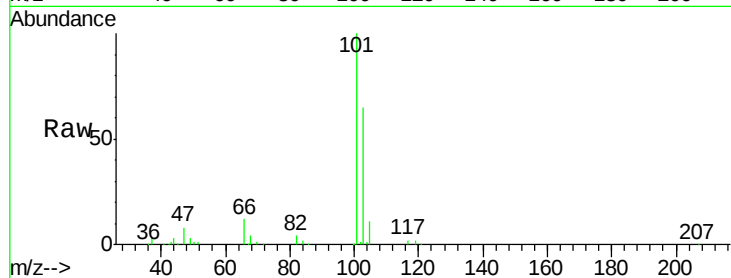


#7

Trichlorofluoromethane
 Concen: 41.742 ug/l
 RT: 2.99 min Scan# 377
 Delta R.T. 0.01 min
 Lab File: VN063125.D
 Acq: 25 Aug 2020 20:40

Instrument :
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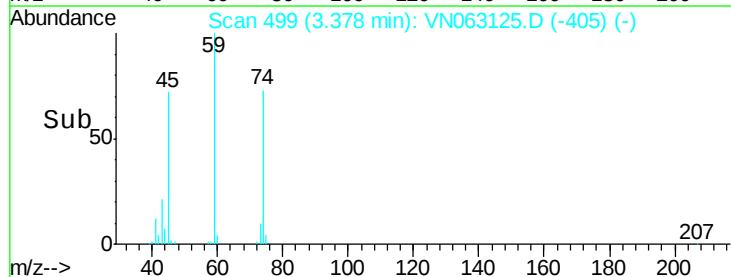
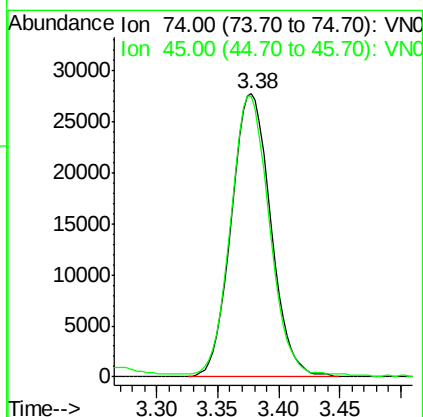
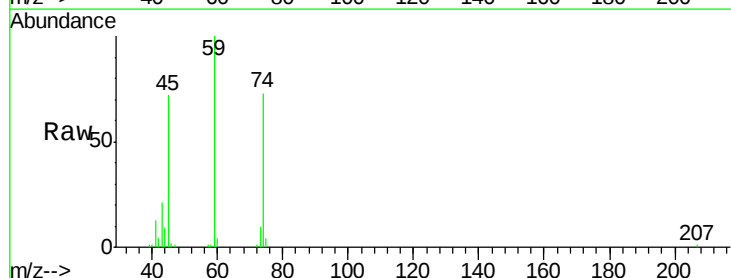
Tot Ion:101 Resp: 145836
 Ion Ratio Lower Upper
 101 100
 103 64.6 50.5 75.7

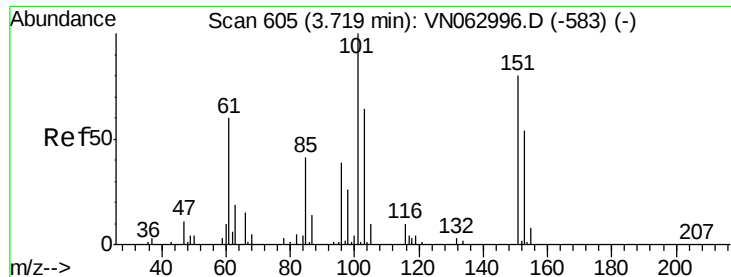


#8

Diethyl Ether
 Concen: 50.276 ug/l
 RT: 3.38 min Scan# 499
 Delta R.T. 0.00 min
 Lab File: VN063125.D
 Acq: 25 Aug 2020 20:40

Tgt Ion: 74 Resp: 62140
 Ion Ratio Lower Upper
 74 100
 45 96.3 49.9 149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.684 ug/l

RT: 3.72 min Scan# 605

Delta R.T. -0.00 min

Lab File: VN063125.D

Acq: 25 Aug 2020 20:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCC050

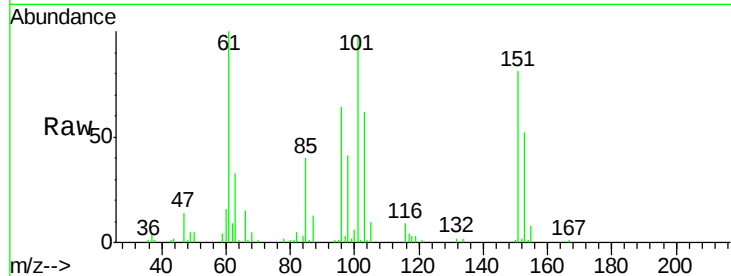
Tot Ion:101 Resp: 86007

Ion Ratio Lower Upper

101 100

85 43.2 34.0 51.0

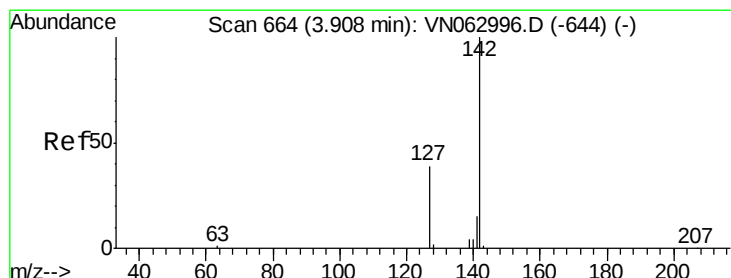
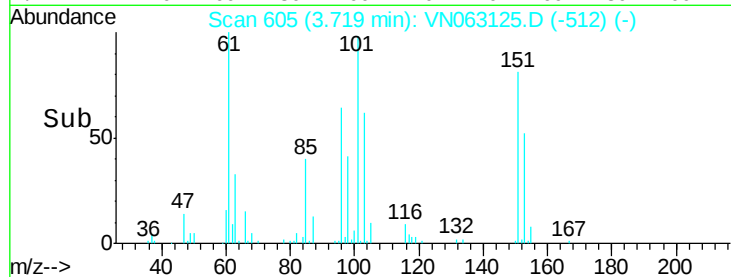
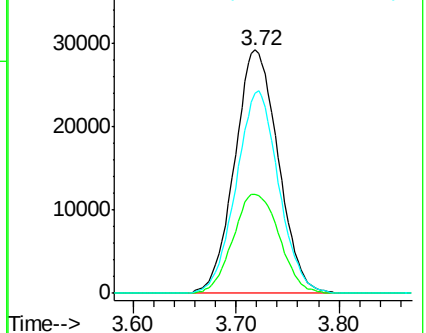
151 81.2 65.8 98.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 38.952 ug/l

RT: 3.91 min Scan# 665

Delta R.T. 0.00 min

Lab File: VN063125.D

Acq: 25 Aug 2020 20:40

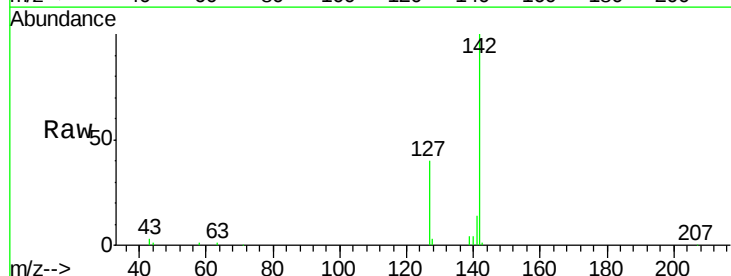
Tgt Ion:142 Resp: 92951

Ion Ratio Lower Upper

142 100

127 40.2 32.2 48.4

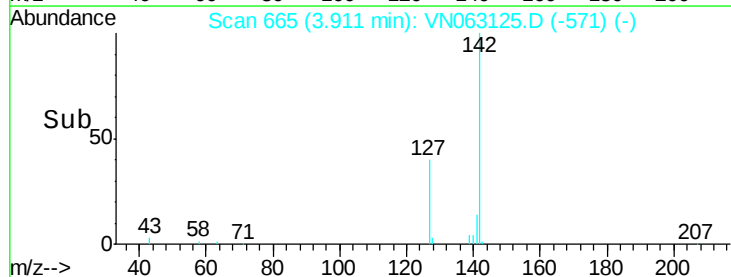
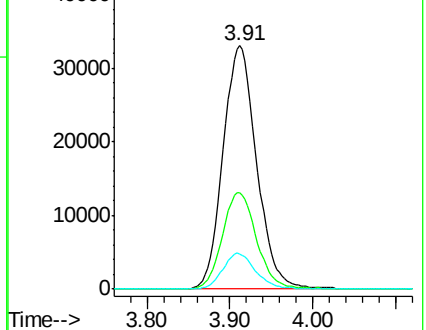
141 14.4 11.3 16.9

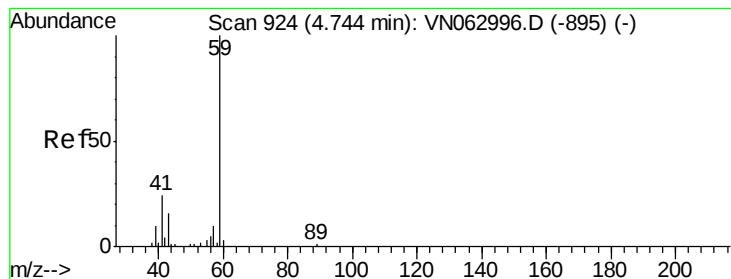


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



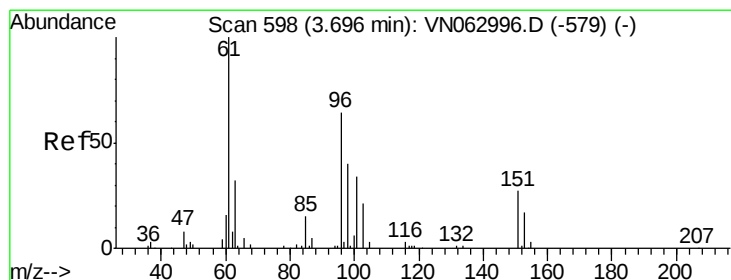
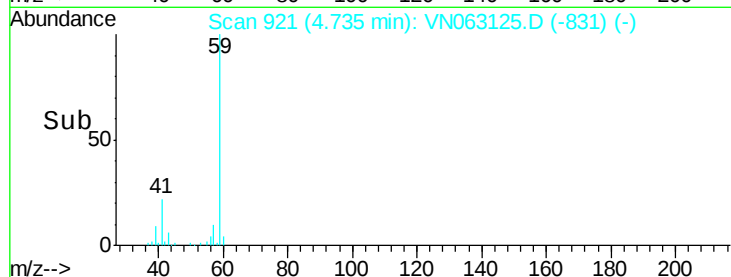
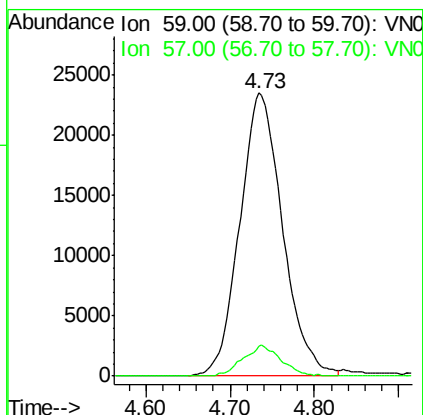
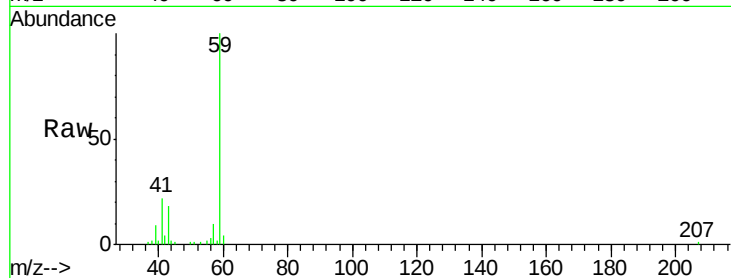


#11

Tert butyl alcohol
 Concen: 233.474 ug/l
 RT: 4.73 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: VN063125.D
 Acq: 25 Aug 2020 20:40

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCC050

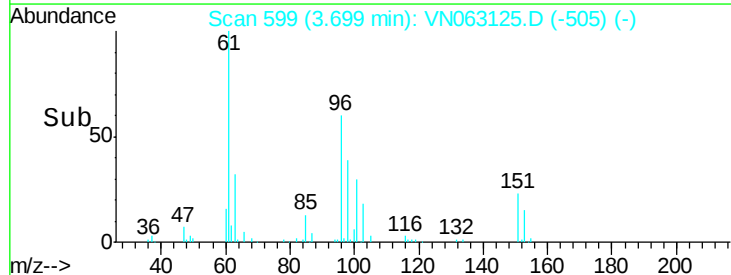
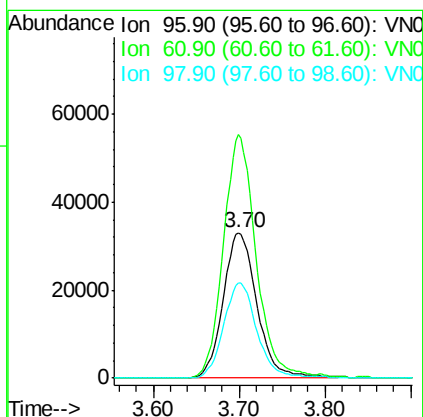
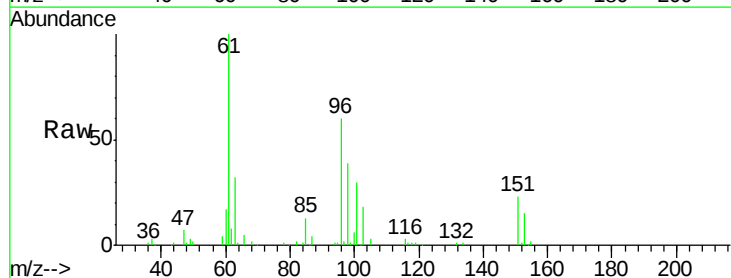
Tot Ion: 59 Resp: 82811
 Ion Ratio Lower Upper
 59 100
 57 9.6 7.8 11.6

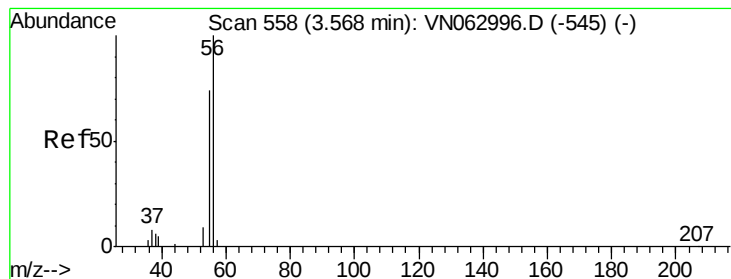


#12

1,1-Dichloroethene
 Concen: 50.242 ug/l
 RT: 3.70 min Scan# 599
 Delta R.T. 0.00 min
 Lab File: VN063125.D
 Acq: 25 Aug 2020 20:40

Tgt Ion: 96 Resp: 90105
 Ion Ratio Lower Upper
 96 100
 61 167.5 125.5 188.3
 98 65.3 50.4 75.6





#13

Acrolein

Concen: 26.819 ug/l

RT: 3.57 min Scan# 559

Delta R.T. 0.00 min

Lab File: VN063125.D

Acq: 25 Aug 2020 20:40

Instrument :

MSVOA_N

ClientSampleId :

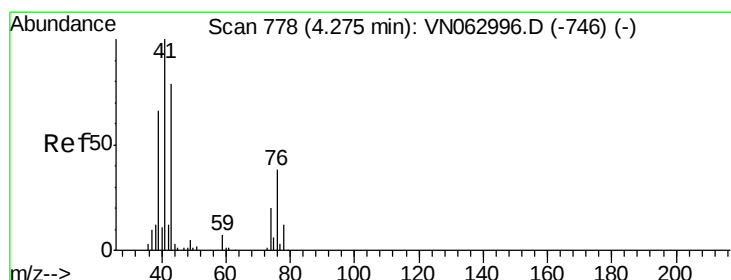
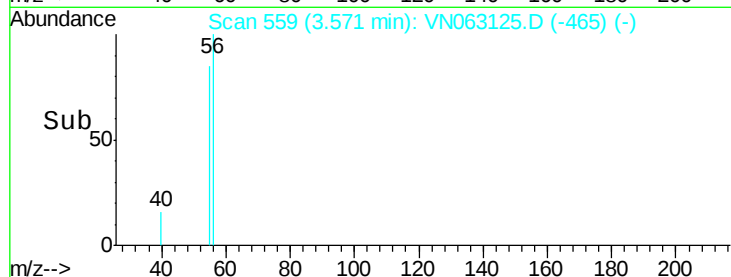
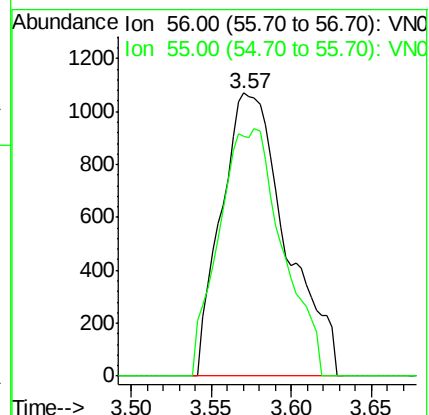
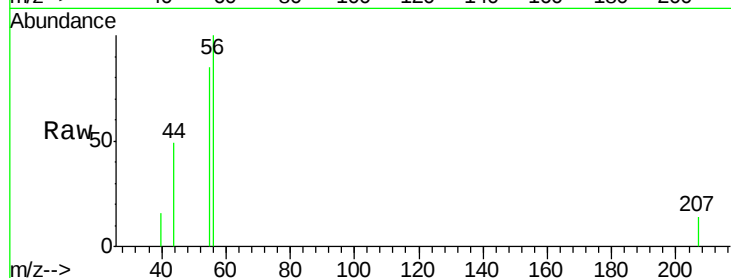
VSTDCC050

Tot Ion: 56 Resp: 2980

Ion Ratio Lower Upper

56 100

55 85.4 58.4 87.6



#14

Allyl chloride

Concen: 37.804 ug/l

RT: 4.28 min Scan# 780

Delta R.T. 0.01 min

Lab File: VN063125.D

Acq: 25 Aug 2020 20:40

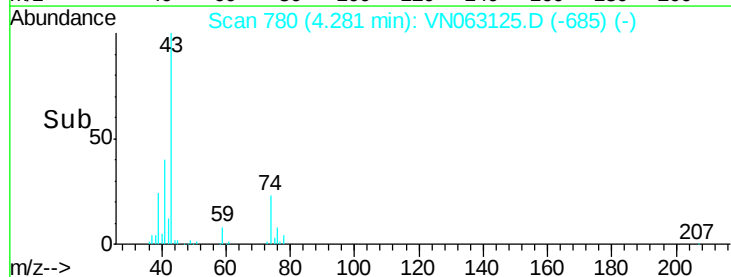
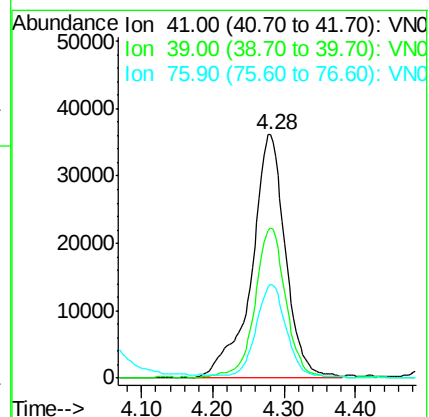
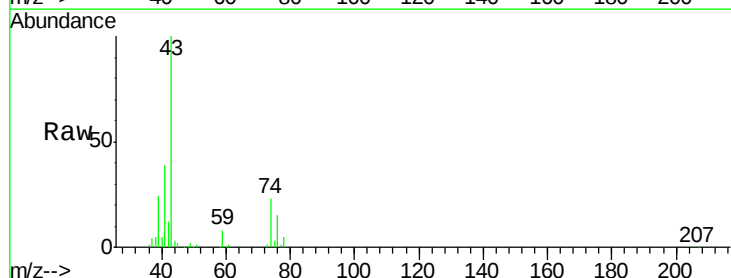
Tgt Ion: 41 Resp: 119543

Ion Ratio Lower Upper

41 100

39 56.0 47.9 71.9

76 32.4 27.0 40.6





#15

Acrylonitrile

Concen: 251.282 ug/l

RT: 4.93 min Scan# 983

Delta R.T. 0.00 min

Lab File: VN063125.D

Acq: 25 Aug 2020 20:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCC050

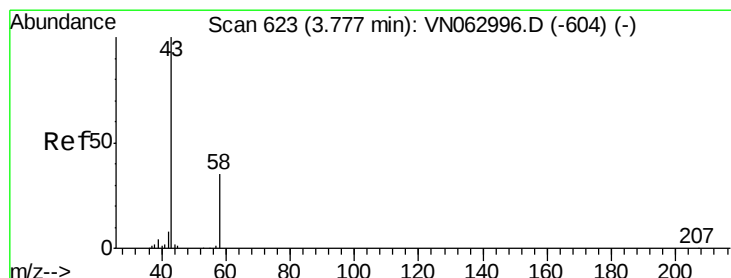
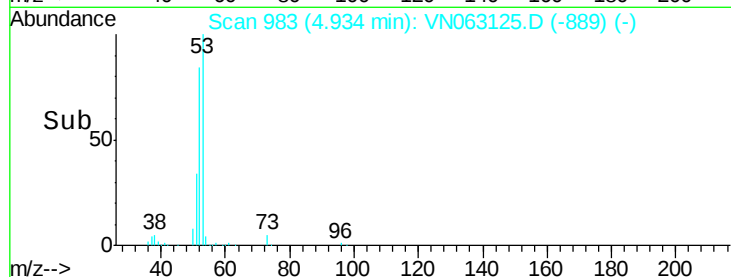
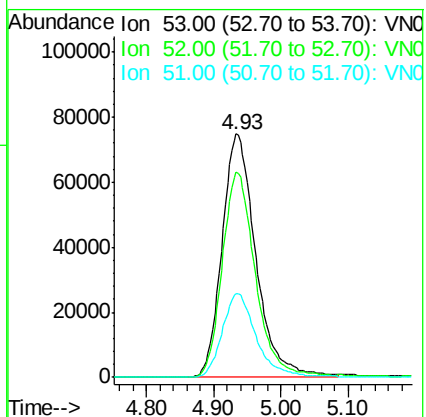
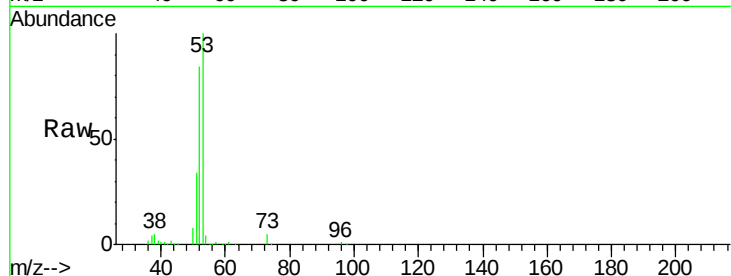
Tot Ion: 53 Resp: 261963

Ion Ratio Lower Upper

53 100

52 82.7 65.6 98.4

51 34.3 28.2 42.4



#16

Acetone

Concen: 287.358 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN063125.D

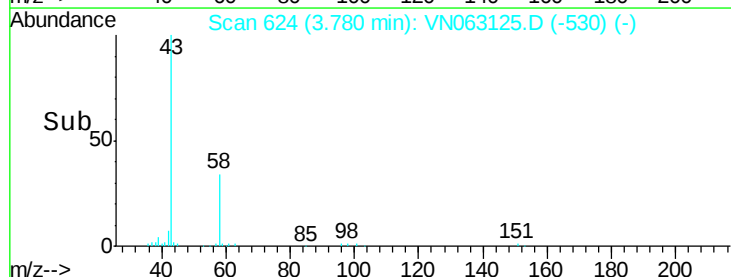
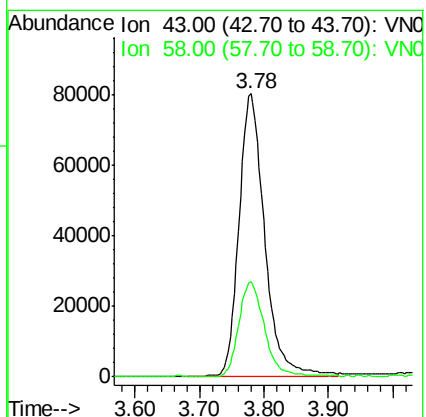
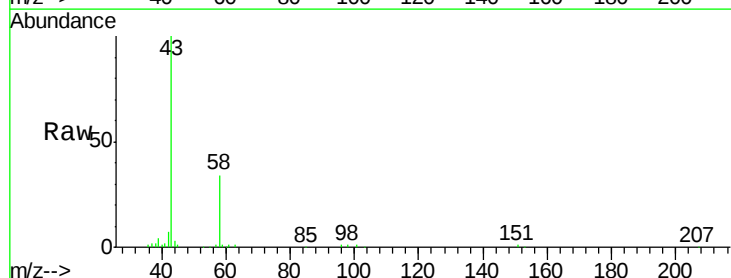
Acq: 25 Aug 2020 20:40

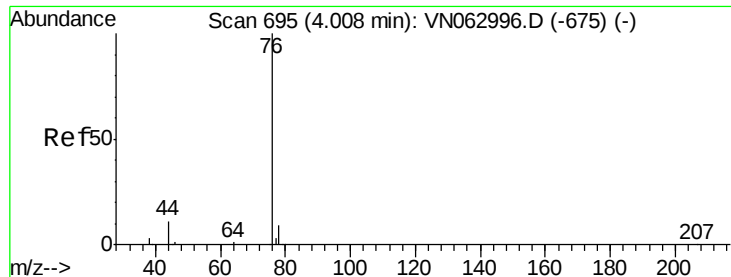
Tgt Ion: 43 Resp: 223930

Ion Ratio Lower Upper

43 100

58 33.7 27.8 41.6

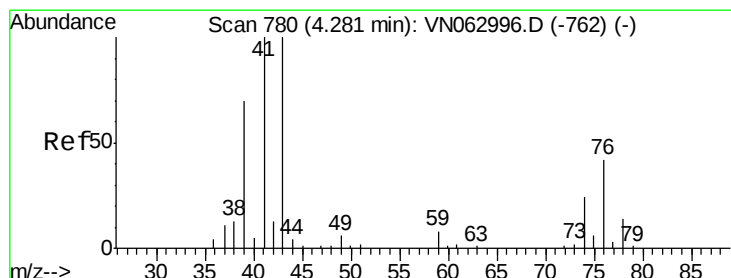
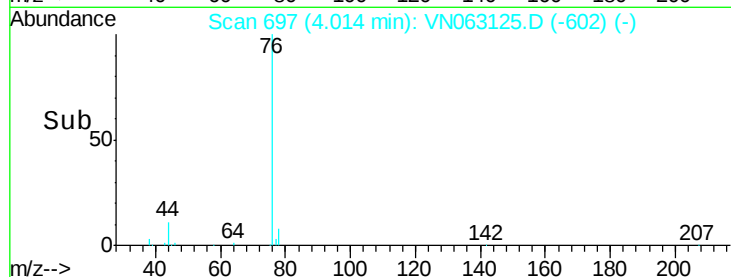
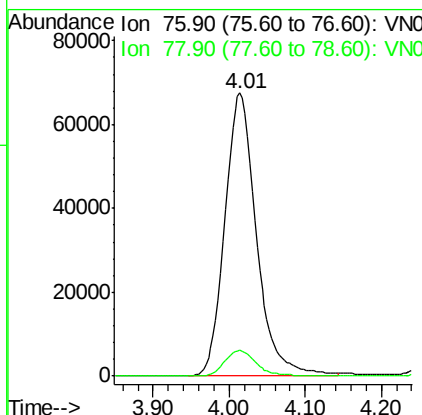
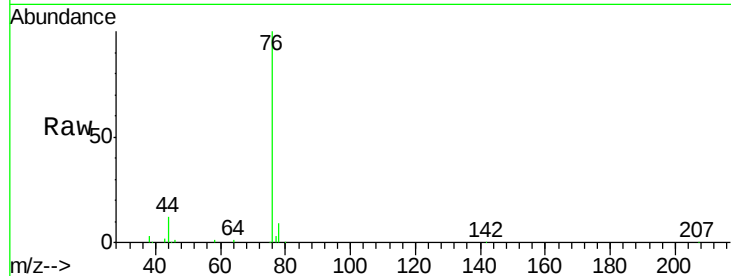




#17
Carbon Disulfide
Concen: 41.775 ug/l
RT: 4.01 min Scan# 697
Delta R.T. 0.01 min
Lab File: VN063125.D
Acq: 25 Aug 2020 20:40

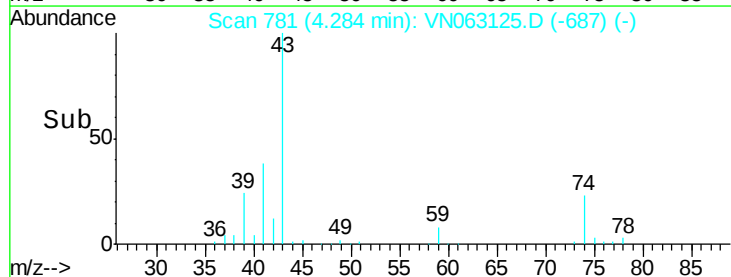
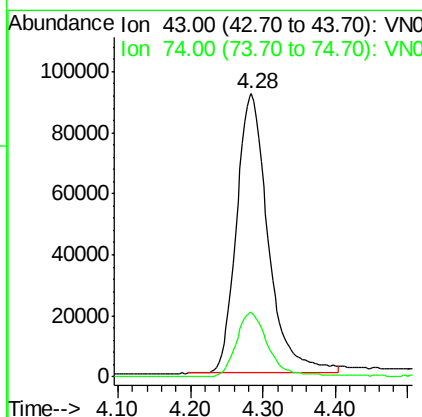
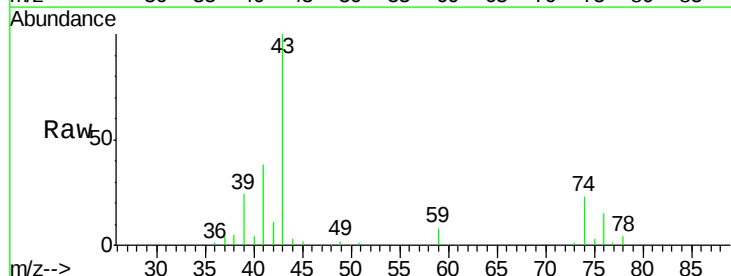
Instrument :
MSVOA_N
ClientSampleId :
VSTDCC050

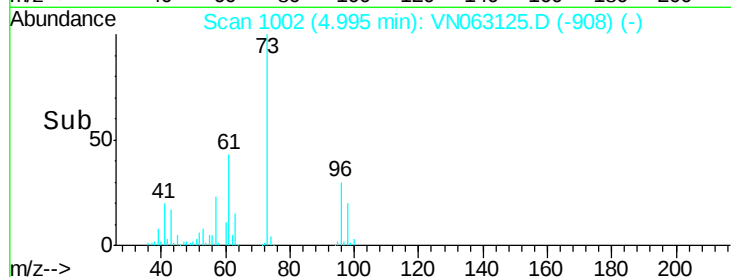
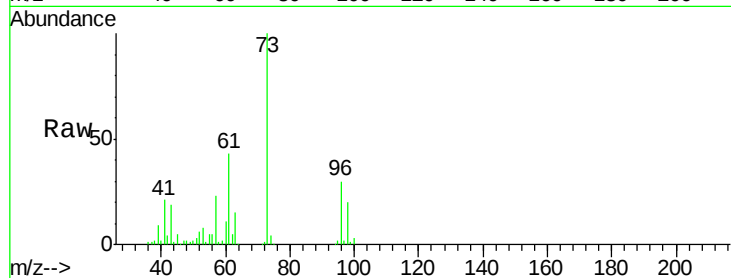
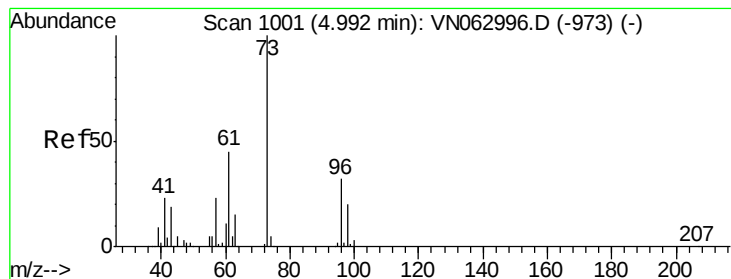
Tot Ion: 76 Resp: 196209
Ion Ratio Lower Upper
76 100
78 9.0 6.9 10.3



#18
Methyl Acetate
Concen: 112.341 ug/l
RT: 4.28 min Scan# 781
Delta R.T. 0.00 min
Lab File: VN063125.D
Acq: 25 Aug 2020 20:40

Tgt Ion: 43 Resp: 279559
Ion Ratio Lower Upper
43 100
74 22.8 18.6 28.0





#19

Methyl tert-butyl Ether

Concen: 54.166 ug/l

RT: 5.00 min Scan# 1002

Delta R.T. 0.00 min

Lab File: VN063125.D

Acq: 25 Aug 2020 20:40

Instrument :

MSVOA_N

ClientSampled :

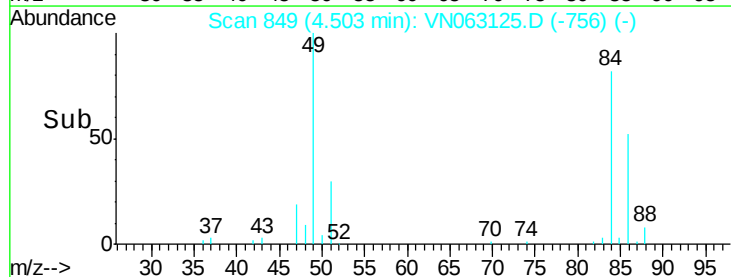
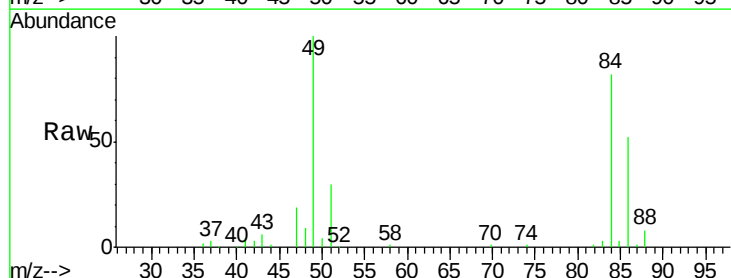
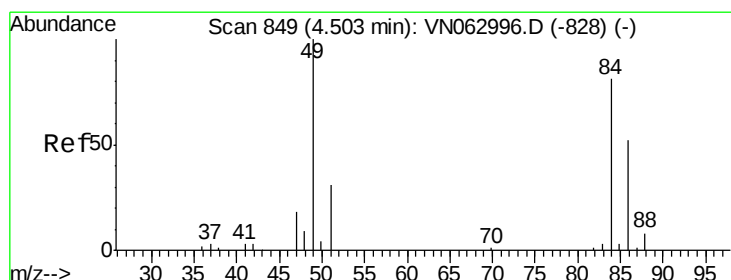
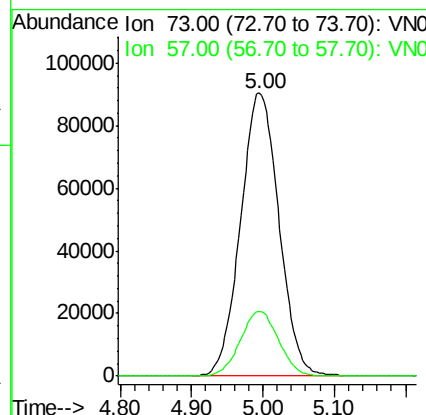
VSTDCC050

Tot Ion: 73 Resp: 338783

Ion Ratio Lower Upper

73 100

57 23.0 18.1 27.1



#20

Methylene Chloride

Concen: 47.825 ug/l

RT: 4.50 min Scan# 849

Delta R.T. 0.00 min

Lab File: VN063125.D

Acq: 25 Aug 2020 20:40

Tgt Ion: 84 Resp: 105713

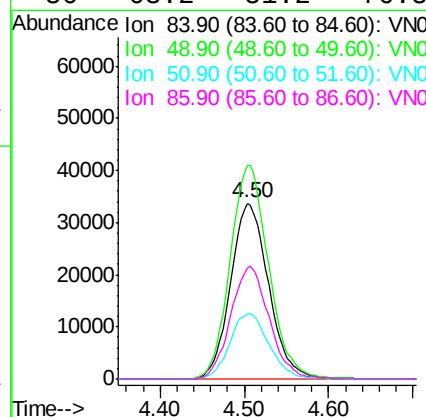
Ion Ratio Lower Upper

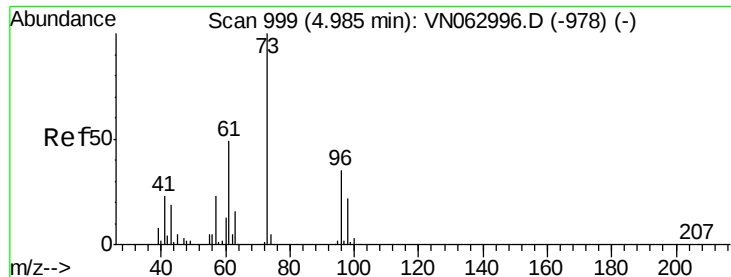
84 100

49 121.4 98.7 148.1

51 36.9 30.8 46.2

86 63.2 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 47.336 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.01 min

Lab File: VN063125.D

Acq: 25 Aug 2020 20:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCC050

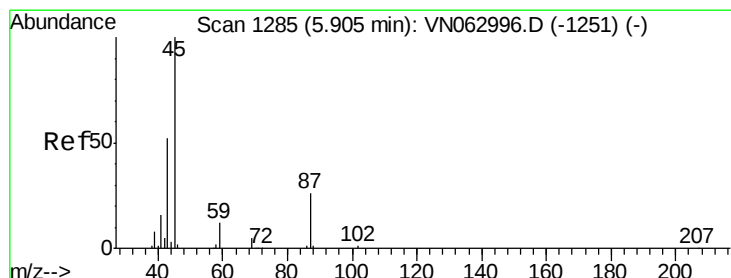
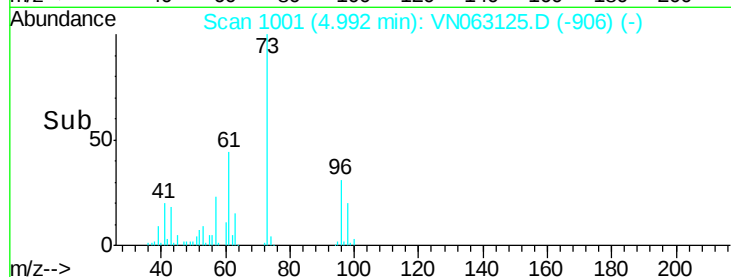
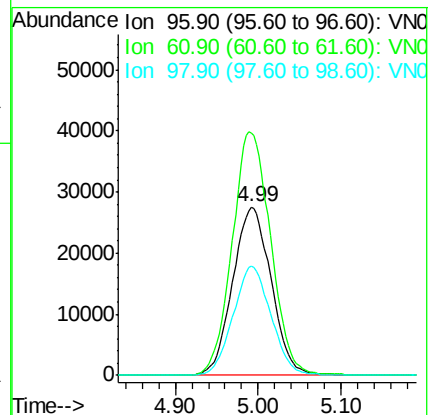
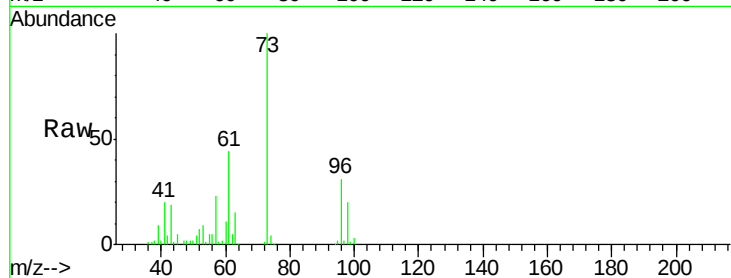
Tot Ion: 96 Resp: 88843

Ion Ratio Lower Upper

96 100

61 144.2 112.5 168.7

98 65.0 49.4 74.0



#22

Diisopropyl ether

Concen: 52.774 ug/l

RT: 5.90 min Scan# 1285

Delta R.T. -0.00 min

Lab File: VN063125.D

Acq: 25 Aug 2020 20:40

Tgt Ion: 45 Resp: 378696

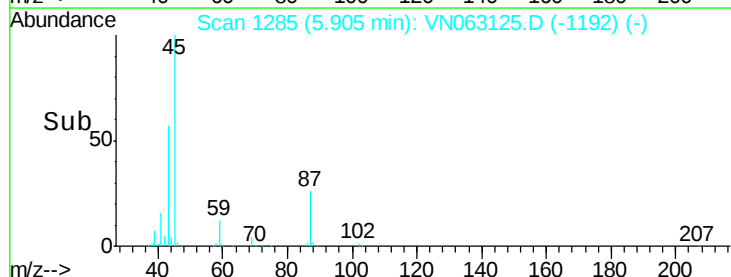
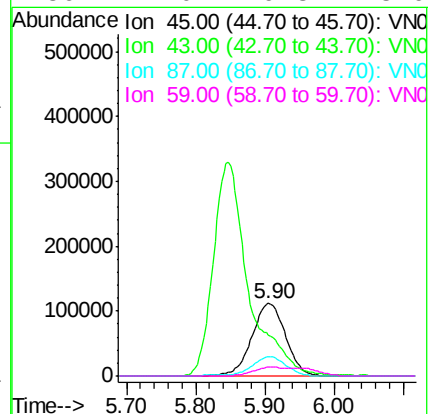
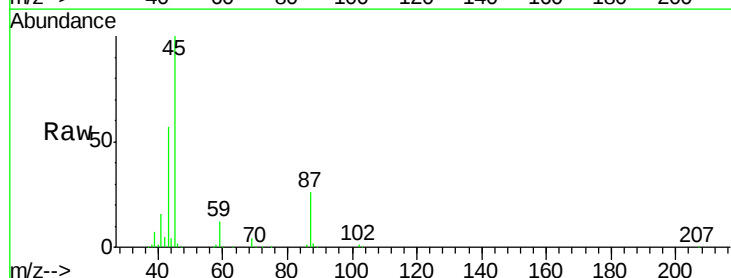
Ion Ratio Lower Upper

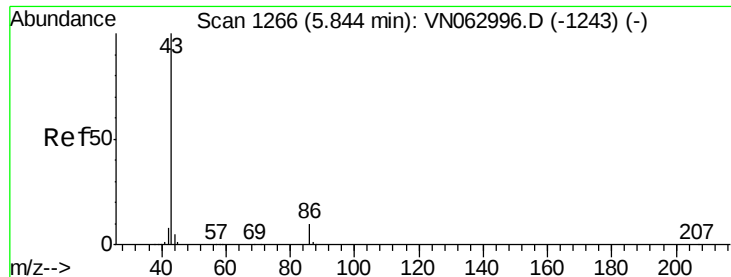
45 100

43 55.8 45.7 68.5

87 26.2 21.8 32.6

59 12.0 9.3 13.9





#23

Vinyl Acetate

Concen: 240.045 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. 0.00 min

Lab File: VN063125.D

Acq: 25 Aug 2020 20:40

Instrument :

MSVOA_N

ClientSampleId :

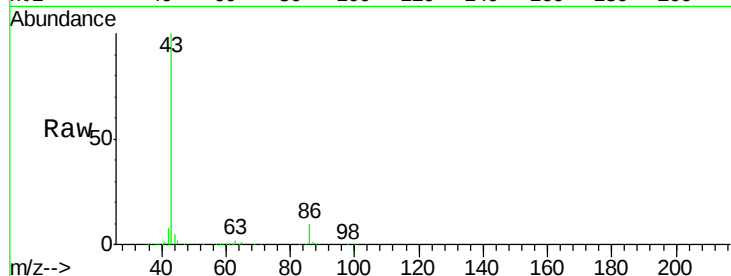
VSTDCC050

Tot Ion: 43 Resp: 1162365

Ion Ratio Lower Upper

43 100

86 10.0 8.0 12.0



Abundance Ion 43.00 (42.70 to 43.70): VN063125.D (-1173) (-)

Ion 86.00 (85.70 to 86.70): VN063125.D (-1173) (-)

5.85

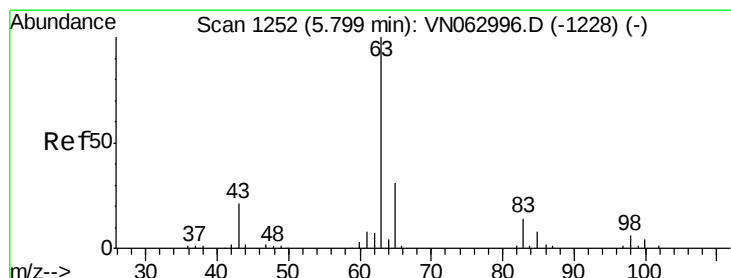
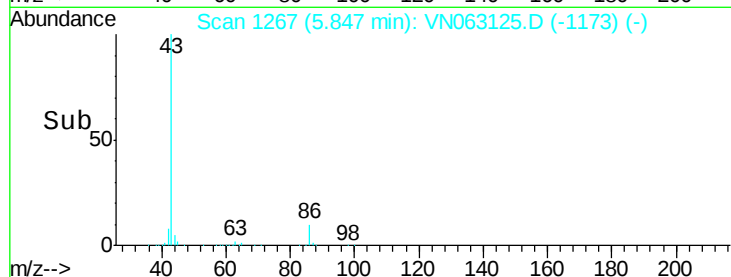
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 48.895 ug/l

RT: 5.80 min Scan# 1253

Delta R.T. 0.00 min

Lab File: VN063125.D

Acq: 25 Aug 2020 20:40

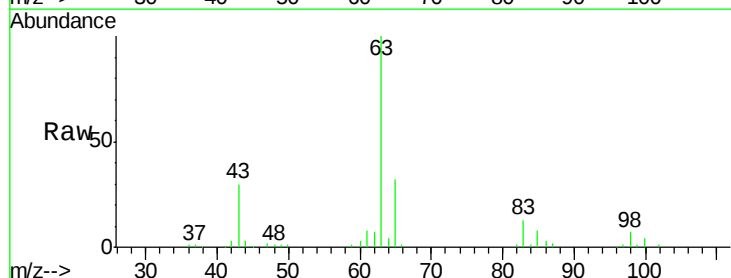
Tgt Ion: 63 Resp: 196062

Ion Ratio Lower Upper

63 100

98 7.0 2.9 8.7

100 4.0 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VN063125.D (-1159) (-)

Ion 97.90 (97.60 to 98.60): VN063125.D (-1159) (-)

Ion 99.90 (99.60 to 100.60): VN063125.D (-1159) (-)

5.80

80000

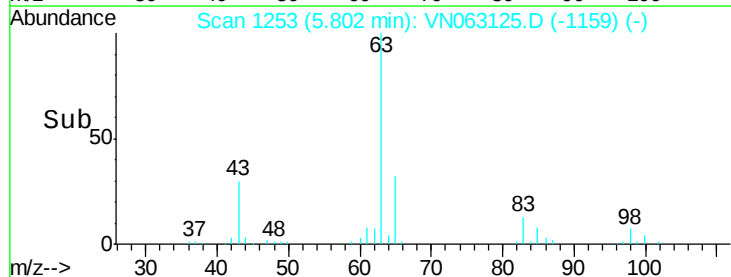
60000

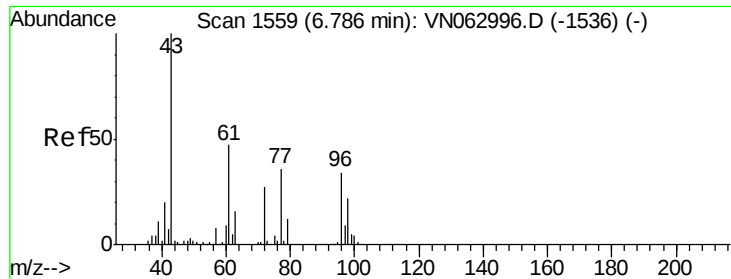
40000

20000

0

Time-->

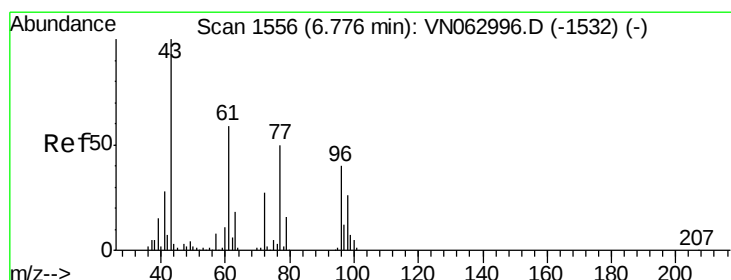
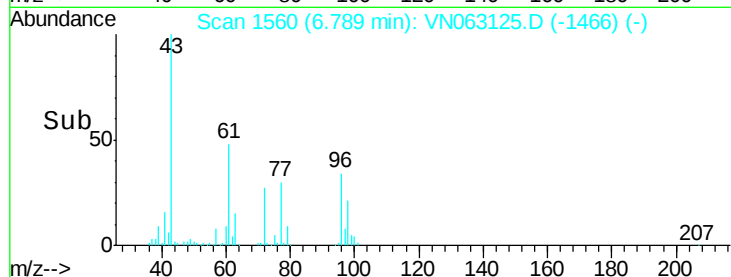
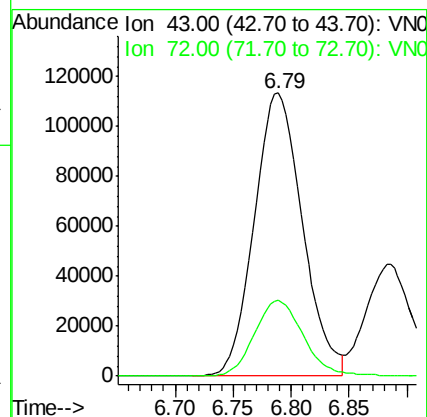
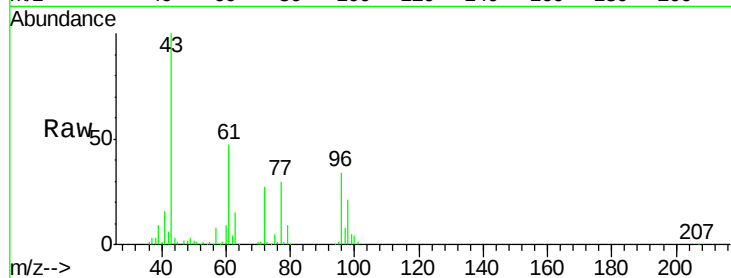




#25
2-Butanone
Concen: 245.749 ug/l
RT: 6.79 min Scan# 1560
Delta R.T. 0.00 min
Lab File: VN063125.D
Acq: 25 Aug 2020 20:40

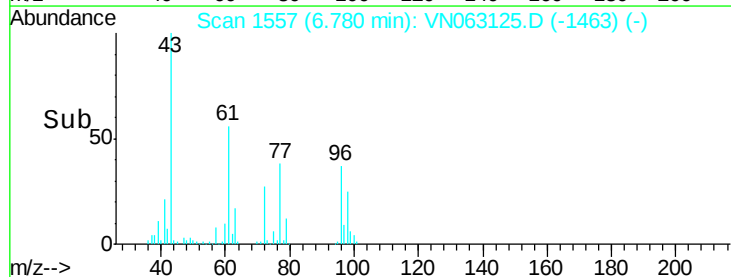
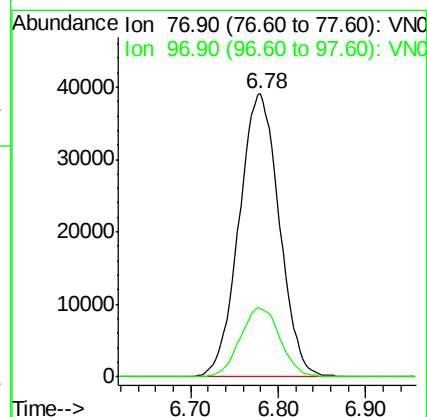
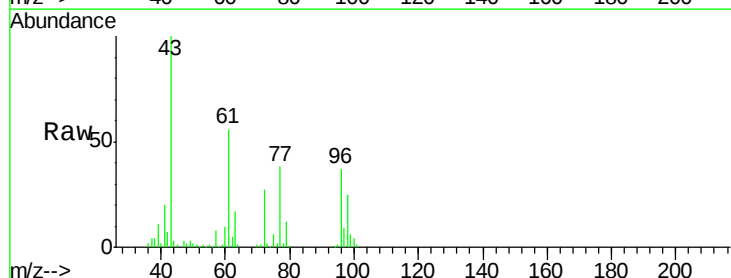
Instrument :
MSVOA_N
ClientSampleId :
VSTDCC050

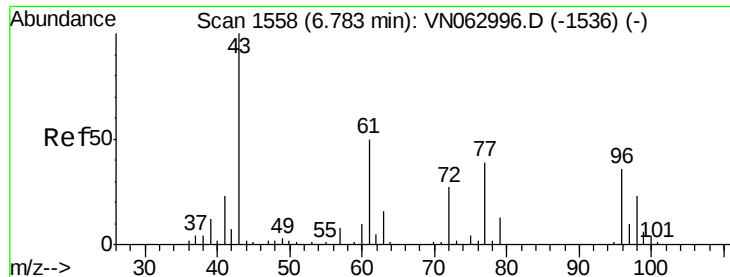
Tot Ion: 43 Resp: 326703
Ion Ratio Lower Upper
43 100
72 26.7 21.8 32.6



#26
2,2-Dichloropropane
Concen: 39.510 ug/l
RT: 6.78 min Scan# 1557
Delta R.T. 0.00 min
Lab File: VN063125.D
Acq: 25 Aug 2020 20:40

Tgt Ion: 77 Resp: 124595
Ion Ratio Lower Upper
77 100
97 24.2 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 48.617 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. -0.00 min

Lab File: VN063125.D

Acq: 25 Aug 2020 20:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCC050

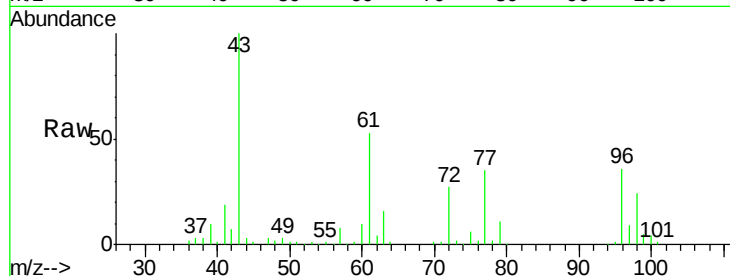
Tot Ion: 96 Resp: 114370

Ion Ratio Lower Upper

96 100

61 146.9 0.0 292.8

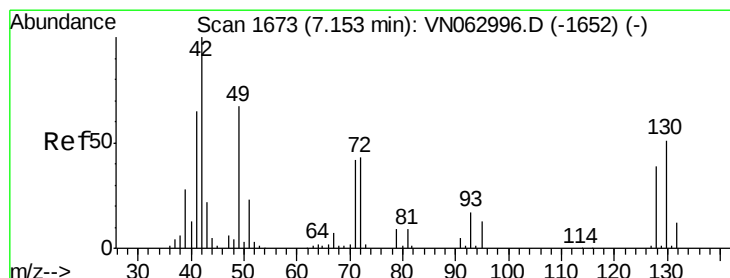
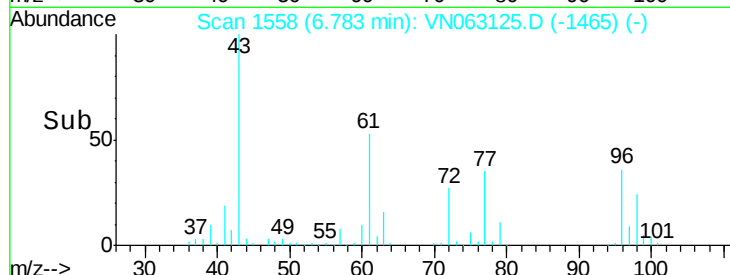
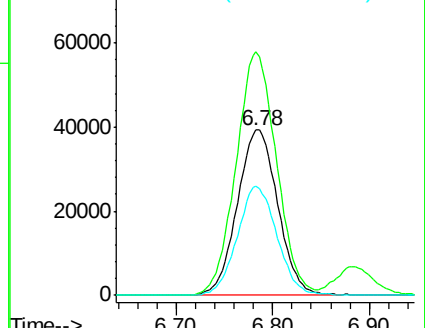
98 64.7 0.0 130.6



Abundance Ion 95.90 (95.60 to 96.60): VN062996.D (-1536) (-)

Ion 60.90 (60.60 to 61.60): VN062996.D (-1536) (-)

Ion 97.90 (97.60 to 98.60): VN062996.D (-1536) (-)



#28

Bromochloromethane

Concen: 49.746 ug/l

RT: 7.15 min Scan# 1673

Delta R.T. -0.00 min

Lab File: VN063125.D

Acq: 25 Aug 2020 20:40

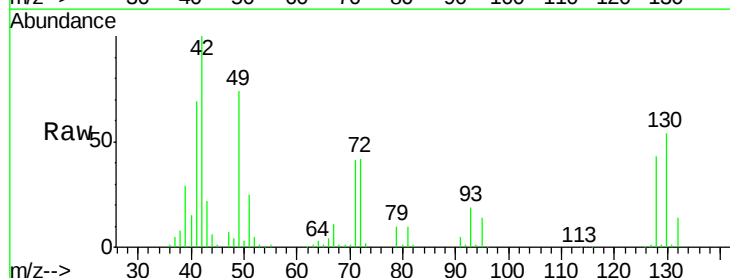
Tgt Ion: 49 Resp: 104371

Ion Ratio Lower Upper

49 100

129 0.8 0.0 3.6

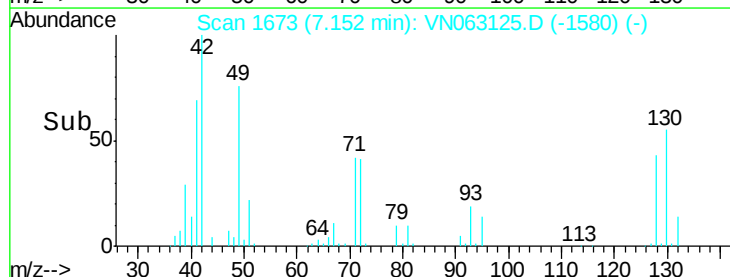
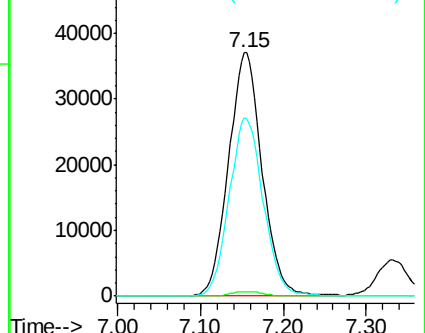
130 74.1 61.1 91.7

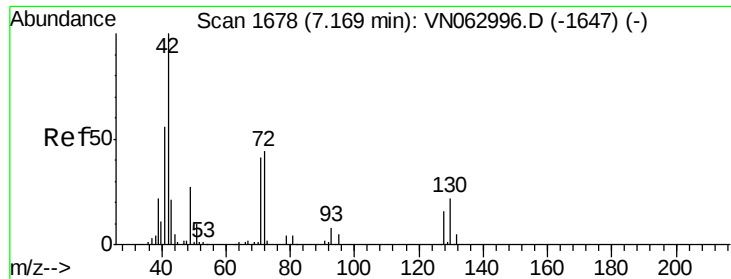


Abundance Ion 48.90 (48.60 to 49.60): VN062996.D (-1652) (-)

Ion 128.80 (128.50 to 129.50): VN062996.D (-1652) (-)

Ion 129.80 (129.50 to 130.50): VN062996.D (-1652) (-)





#29

Tetrahydrofuran

Concen: 251.133 ug/l

RT: 7.17 min Scan# 1678

Delta R.T. -0.00 min

Lab File: VN063125.D

Acq: 25 Aug 2020 20:40

Instrument :

MSVOA_N

ClientSampled :

VSTDCC050

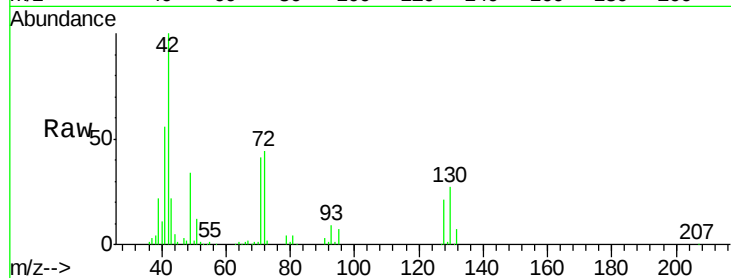
Tot Ion: 42 Resp: 215474

Ion Ratio Lower Upper

42 100

72 44.0 34.6 52.0

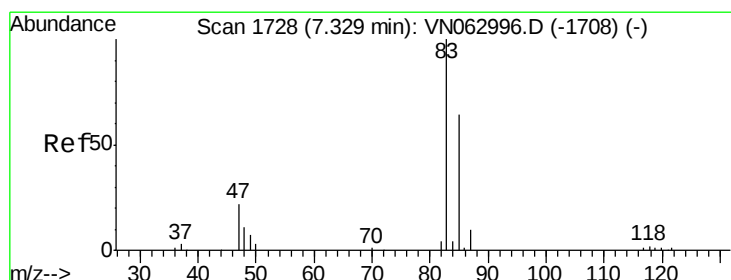
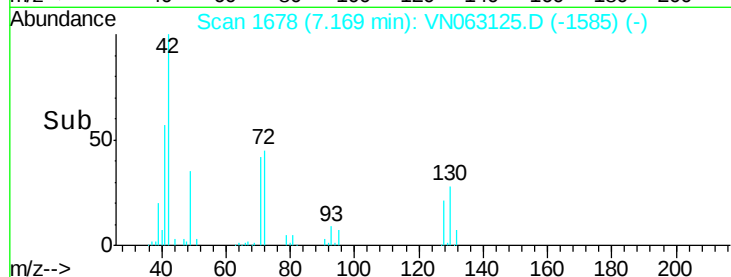
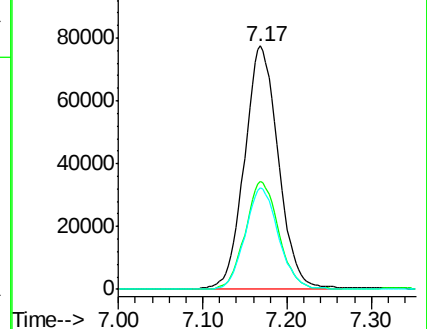
71 41.4 32.3 48.5



Abundance Ion 42.00 (41.70 to 42.70): VN062996.D (-1647) (-)

Ion 72.00 (71.70 to 72.70): VN062996.D (-1647) (-)

Ion 71.00 (70.70 to 71.70): VN062996.D (-1647) (-)



#30

Chloroform

Concen: 49.707 ug/l

RT: 7.33 min Scan# 1729

Delta R.T. 0.00 min

Lab File: VN063125.D

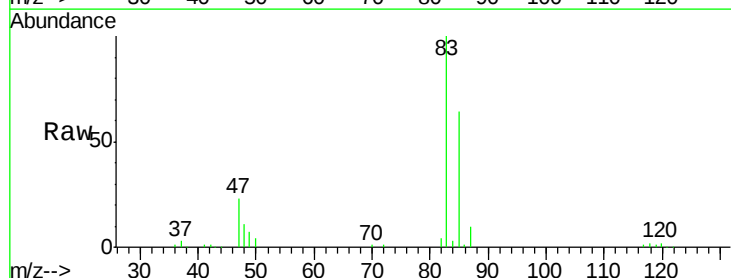
Acq: 25 Aug 2020 20:40

Tgt Ion: 83 Resp: 200738

Ion Ratio Lower Upper

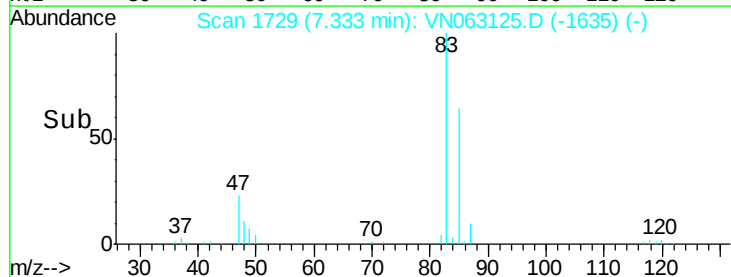
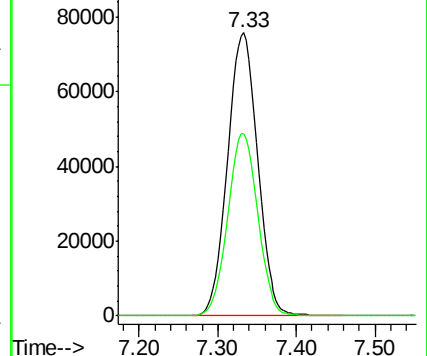
83 100

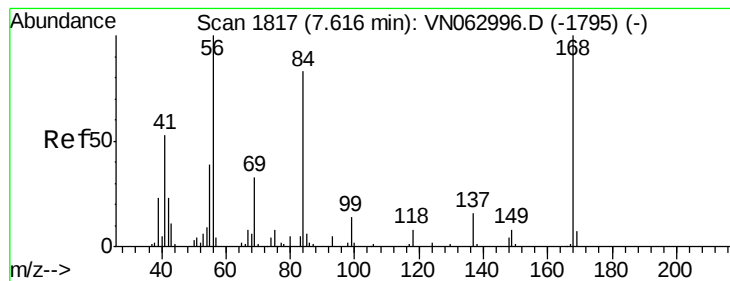
85 64.5 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VN062996.D (-1708) (-)

Ion 84.90 (84.60 to 85.60): VN062996.D (-1708) (-)





#31

Cyclohexane

Concen: 47.791 ug/l

RT: 7.62 min Scan# 1817

Delta R.T. -0.00 min

Lab File: VN063125.D

Acq: 25 Aug 2020 20:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCC050

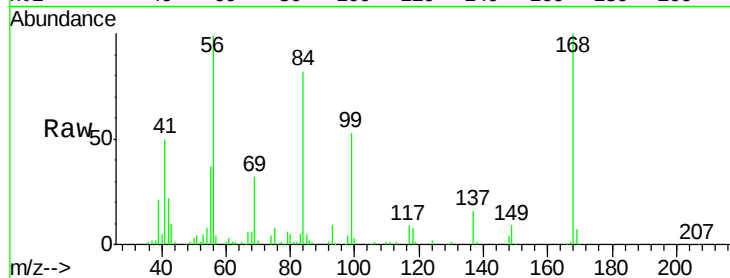
Tot Ion: 56 Resp: 176379

Ion Ratio Lower Upper

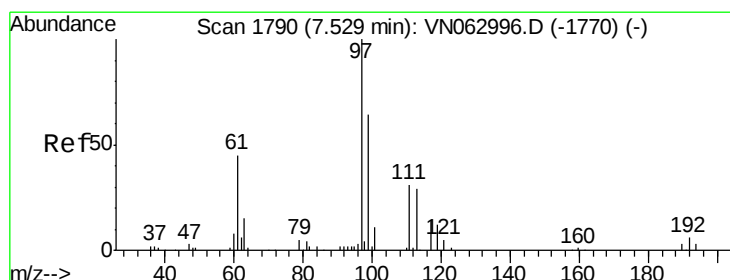
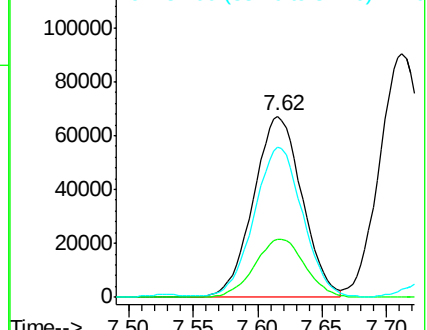
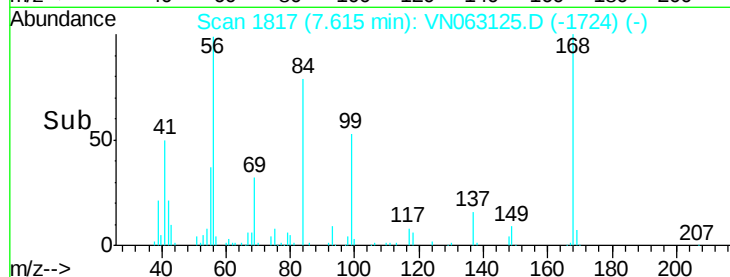
56 100

69 32.3 26.6 40.0

84 82.2 66.4 99.6



Abundance Ion 56.00 (55.70 to 56.70): VN063125.D (-1724) (-)



#32

1,1,1-Trichloroethane

Concen: 48.565 ug/l

RT: 7.53 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VN063125.D

Acq: 25 Aug 2020 20:40

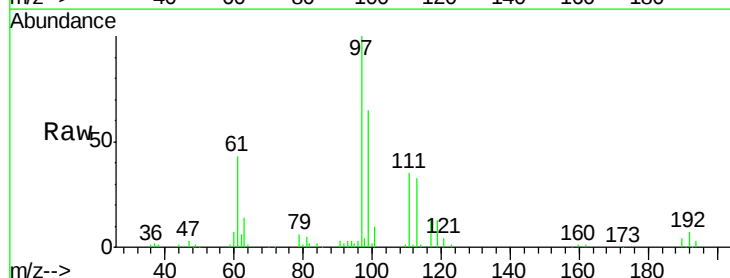
Tgt Ion: 97 Resp: 160116

Ion Ratio Lower Upper

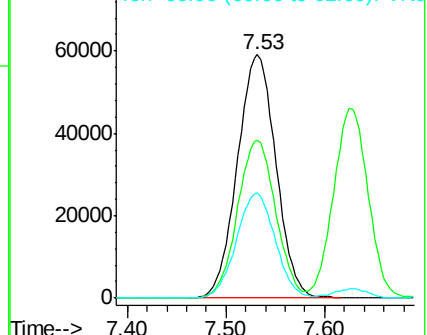
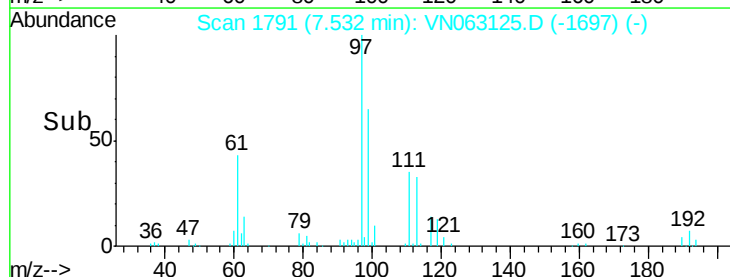
97 100

99 64.3 52.0 78.0

61 43.5 36.2 54.4



Abundance Ion 96.90 (96.60 to 97.60): VN063125.D (-1697) (-)





#33

1,2-Dichloroethane-d4

Concen: 52.995 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN063125.D

Acq: 25 Aug 2020 20:40

Instrument :

MSVOA_N

ClientSampleId :

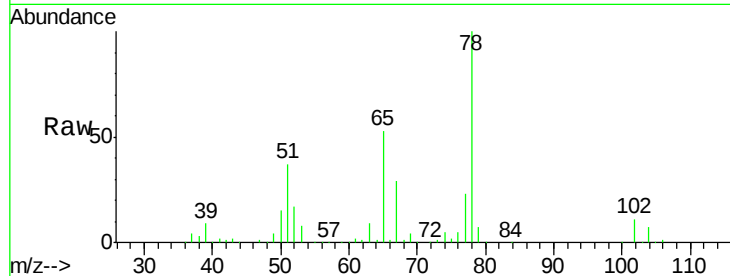
VSTDCC050

Tot Ion: 65 Resp: 132704

Ion Ratio Lower Upper

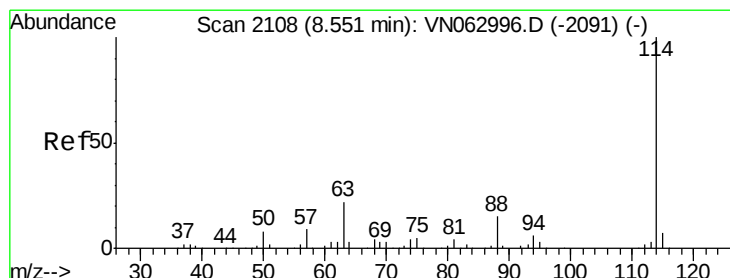
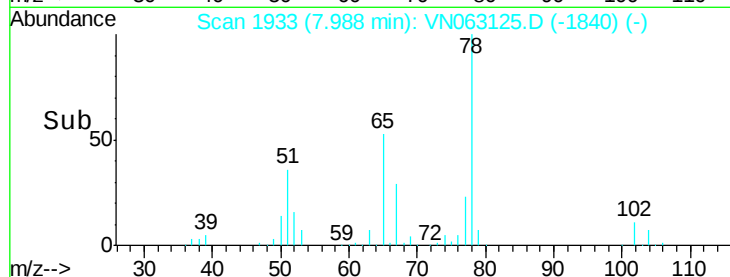
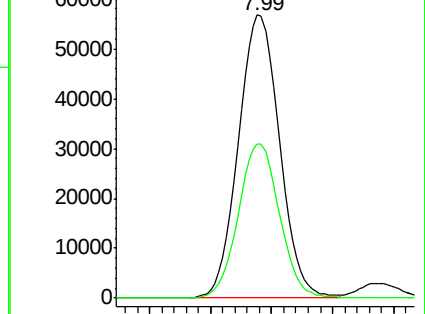
65 100

67 54.5 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VN063125.D (-1840) (-)

Ion 66.90 (66.60 to 67.60): VN063125.D (-1840) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN063125.D

Acq: 25 Aug 2020 20:40

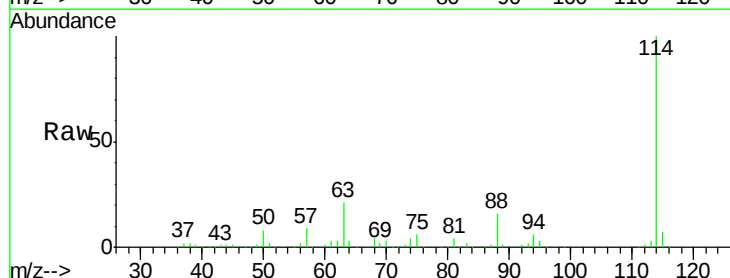
Tgt Ion: 114 Resp: 337439

Ion Ratio Lower Upper

114 100

63 21.1 0.0 43.2

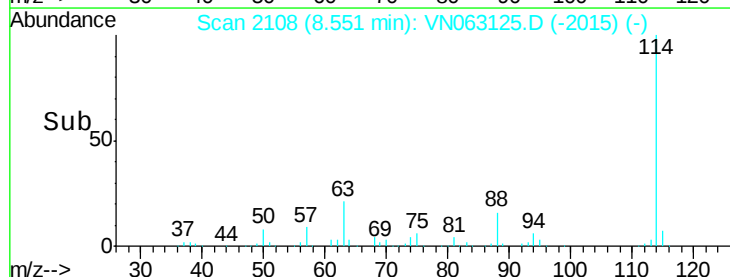
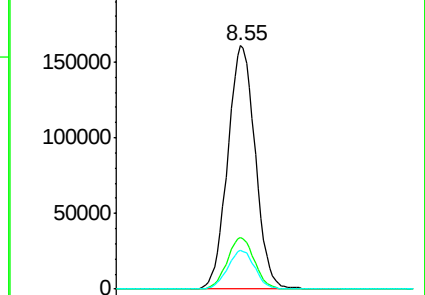
88 15.8 0.0 30.6

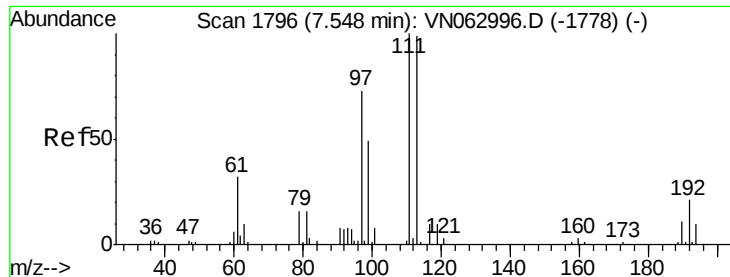


Abundance Ion 113.90 (113.60 to 114.60): VN063125.D (-2015) (-)

Ion 63.00 (62.70 to 63.70): VN063125.D (-2015) (-)

Ion 87.90 (87.60 to 88.60): VN063125.D (-2015) (-)

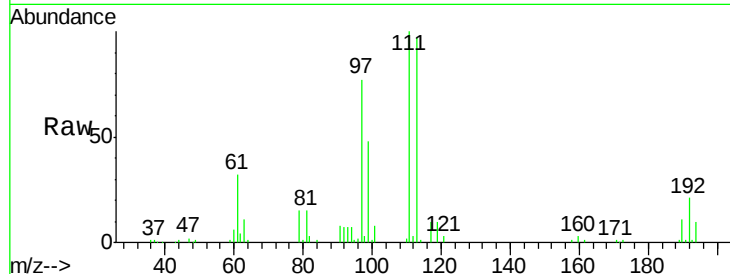




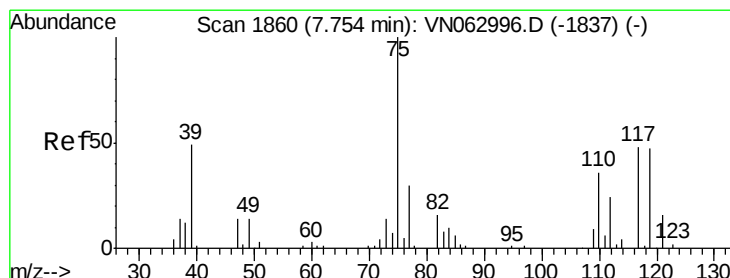
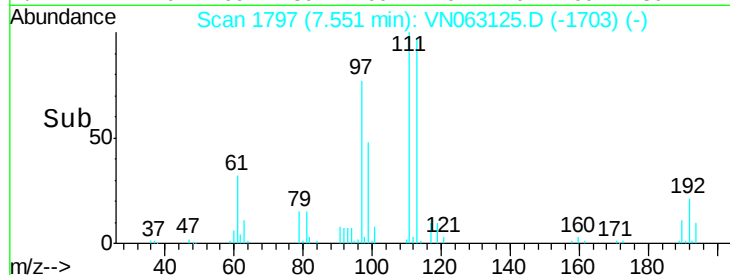
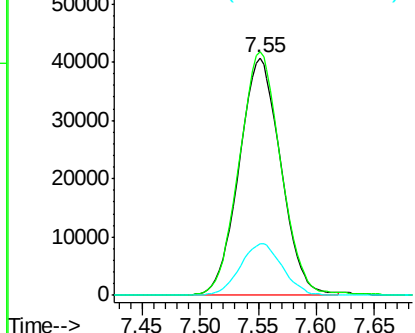
#35
 Dibromofluoromethane
 Concen: 46.279 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN063125.D
 Acq: 25 Aug 2020 20:40

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCC050

Tot Ion:113 Resp: 101756
 Ion Ratio Lower Upper
 113 100
 111 103.3 81.7 122.5
 192 22.0 17.5 26.3

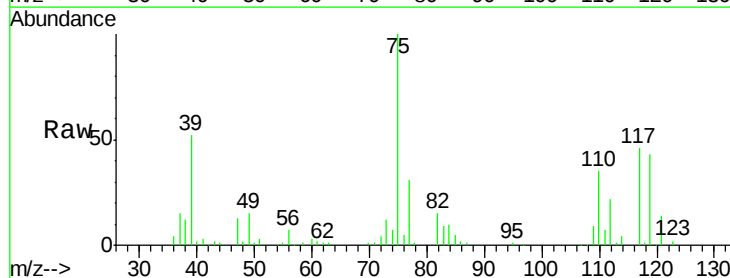


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

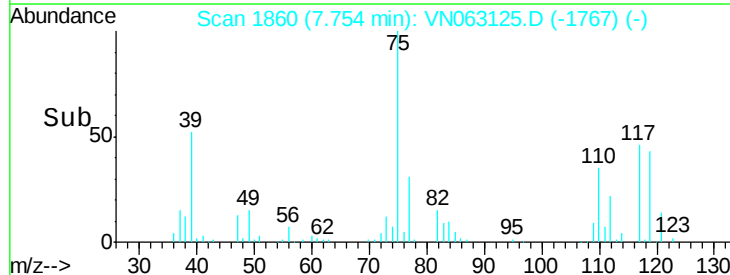
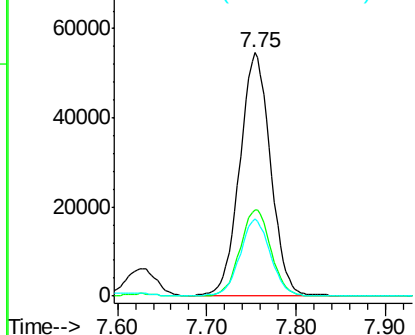


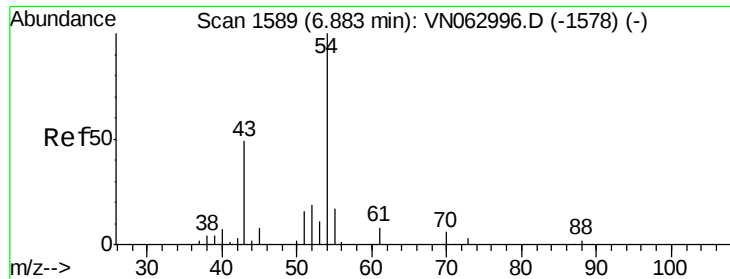
#36
 1,1-Dichloropropene
 Concen: 44.289 ug/l
 RT: 7.75 min Scan# 1860
 Delta R.T. -0.00 min
 Lab File: VN063125.D
 Acq: 25 Aug 2020 20:40

Tgt Ion: 75 Resp: 131701
 Ion Ratio Lower Upper
 75 100
 110 35.3 17.5 52.6
 77 31.3 24.2 36.4



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

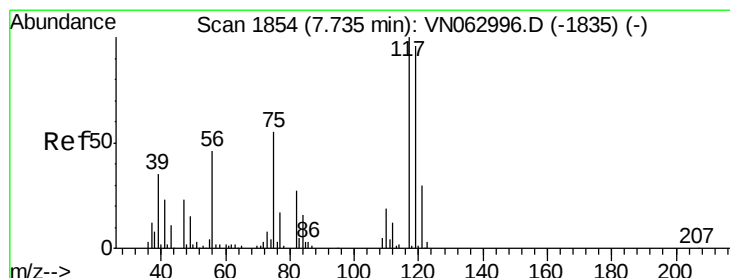
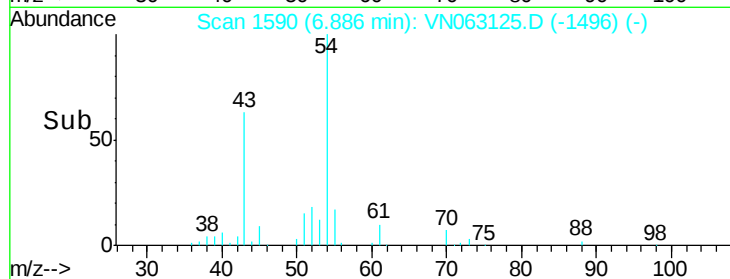
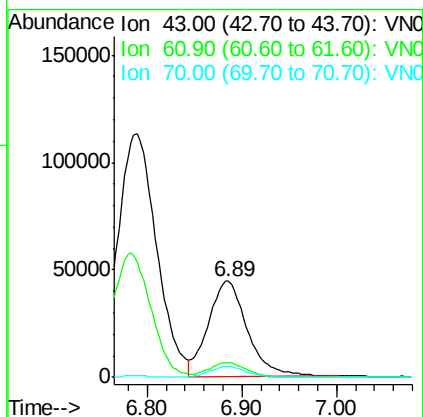
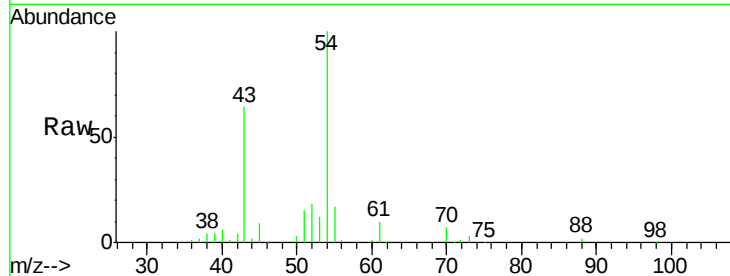




#37
Ethyl Acetate
Concen: 45.575 ug/l
RT: 6.89 min Scan# 1590
Delta R.T. 0.00 min
Lab File: VN063125.D
Acq: 25 Aug 2020 20:40

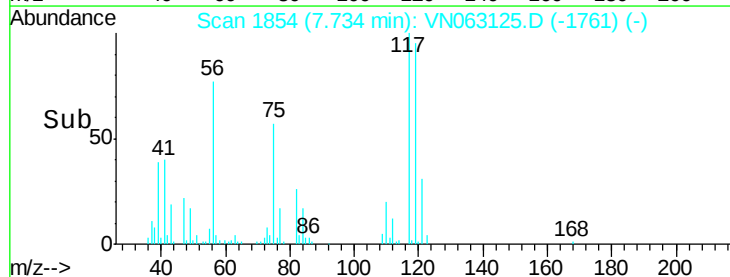
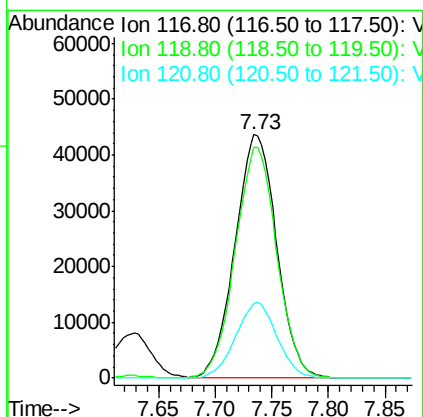
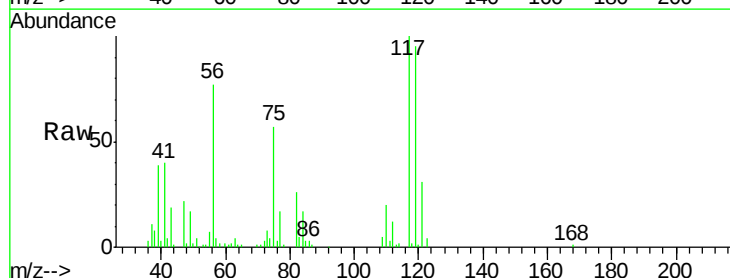
Instrument :
MSVOA_N
ClientSampleId :
VSTDCC050

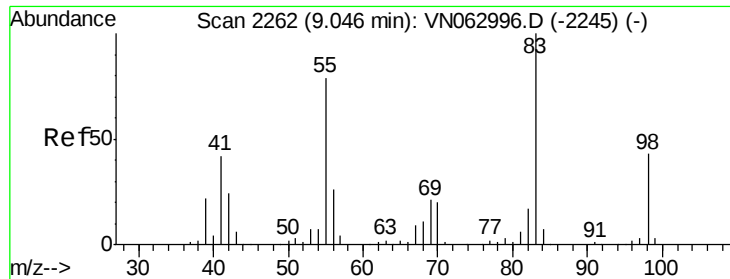
Tot Ion: 43 Resp: 126990
Ion Ratio Lower Upper
43 100
61 14.2 11.8 17.8
70 10.7 8.2 12.2



#38
Carbon Tetrachloride
Concen: 37.255 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VN063125.D
Acq: 25 Aug 2020 20:40

Tgt Ion: 117 Resp: 111845
Ion Ratio Lower Upper
117 100
119 94.7 76.2 114.4
121 30.8 24.2 36.2

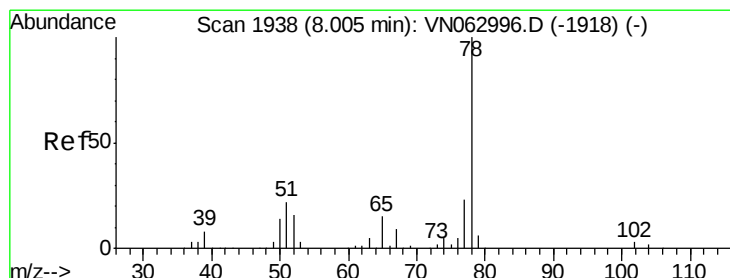
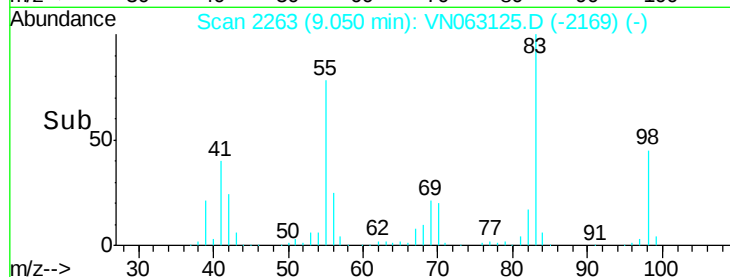
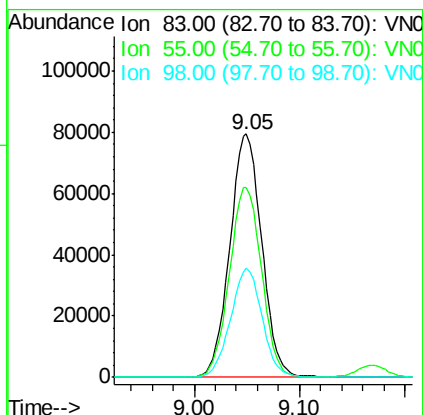
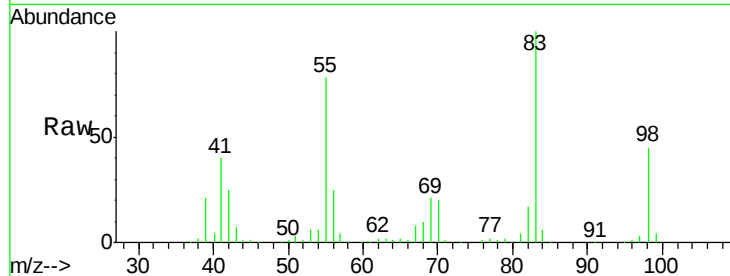




#39
Methvlcvclohexane
Concen: 41.767 ug/l
RT: 9.05 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VN063125.D
Acq: 25 Aug 2020 20:40

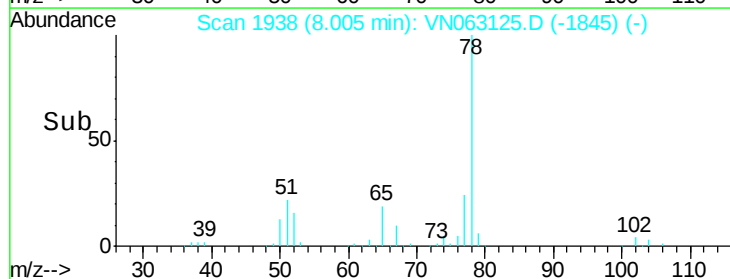
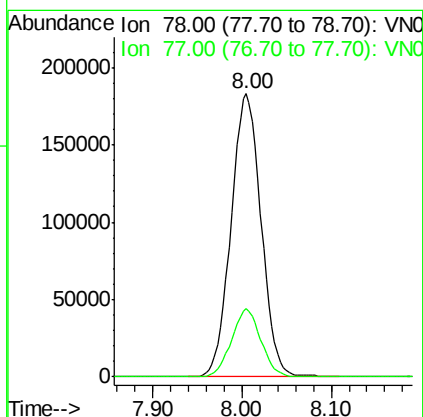
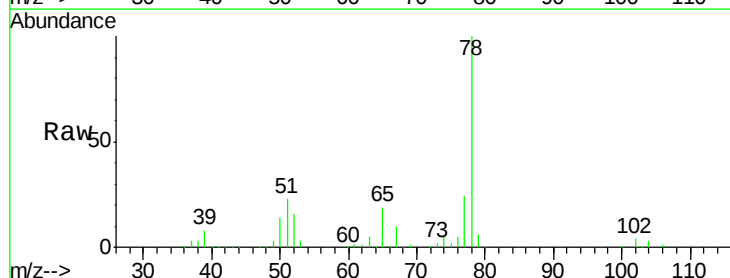
Instrument :
MSVOA_N
ClientSampled :
VSTDCC050

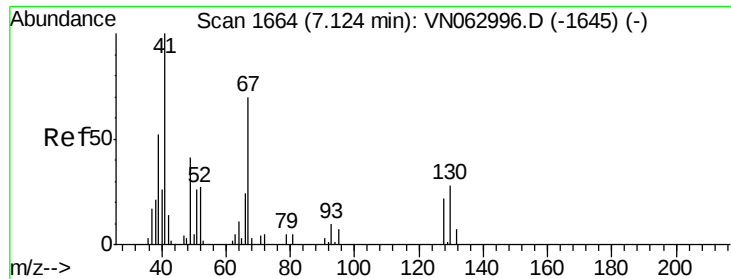
Tot Ion: 83 Resp: 166616
Ion Ratio Lower Upper
83 100
55 78.1 63.3 94.9
98 44.7 34.2 51.4



#40
Benzene
Concen: 45.322 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. -0.00 min
Lab File: VN063125.D
Acq: 25 Aug 2020 20:40

Tgt Ion: 78 Resp: 427456
Ion Ratio Lower Upper
78 100
77 24.0 18.8 28.2

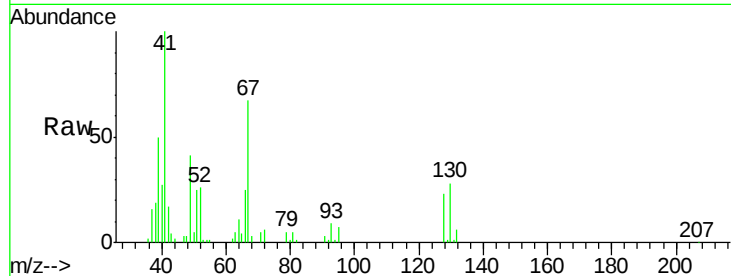




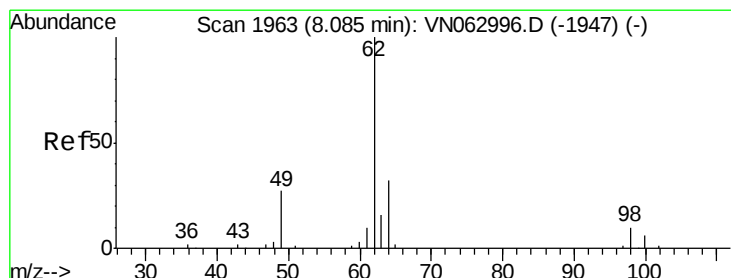
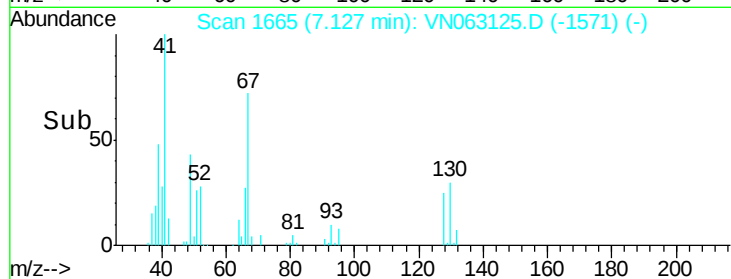
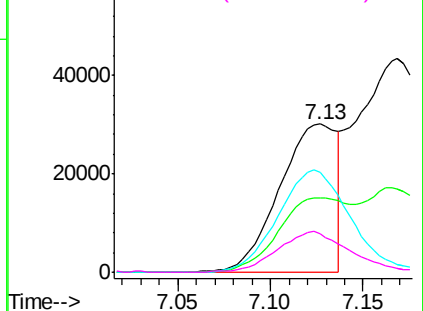
#41
Methacrylonitrile
Concen: 48.906 ug/l
RT: 7.13 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VN063125.D
Acq: 25 Aug 2020 20:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCC050

Tot Ion: 41 Resp: 64926
Ion Ratio Lower Upper
41 100
39 59.3 41.6 62.4
67 87.2 71.8 107.8
52 35.2 28.2 42.4

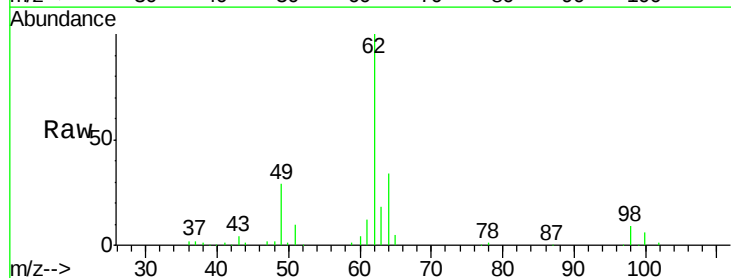


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

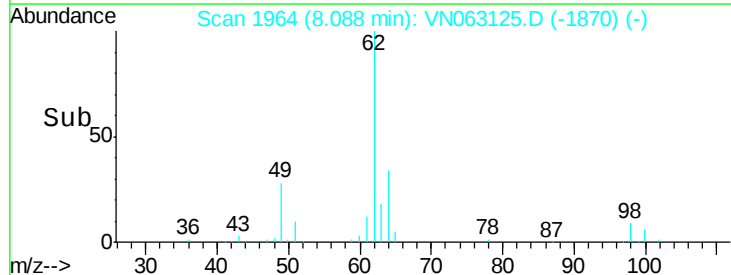
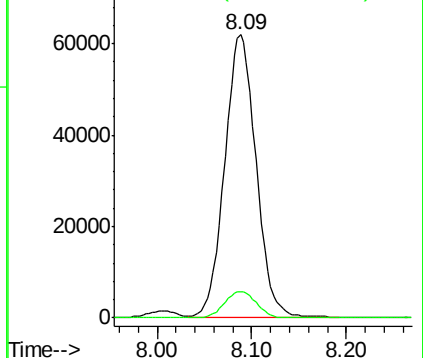


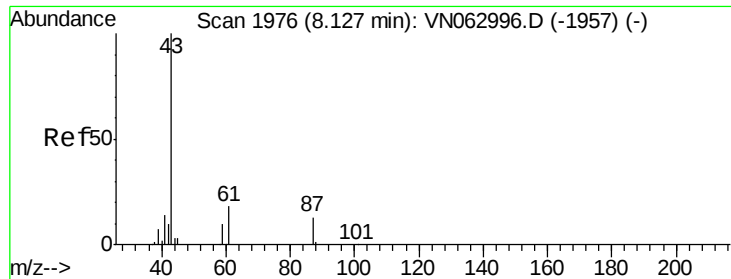
#42
1,2-Dichloroethane
Concen: 45.275 ug/l
RT: 8.09 min Scan# 1964
Delta R.T. 0.00 min
Lab File: VN063125.D
Acq: 25 Aug 2020 20:40

Tgt Ion: 62 Resp: 143380
Ion Ratio Lower Upper
62 100
98 9.3 0.0 18.4



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 48.300 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN063125.D

Acq: 25 Aug 2020 20:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCC050

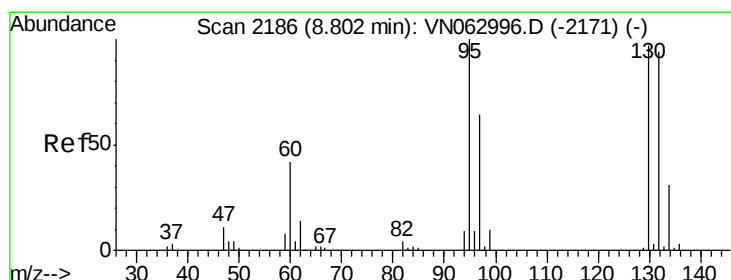
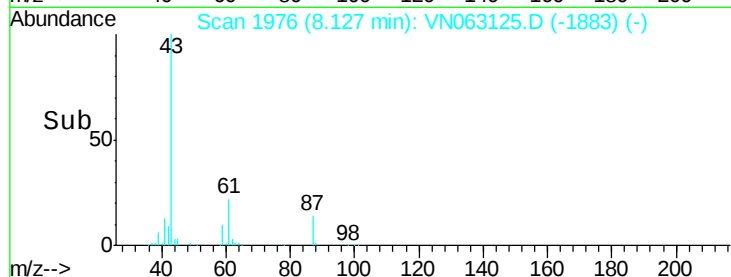
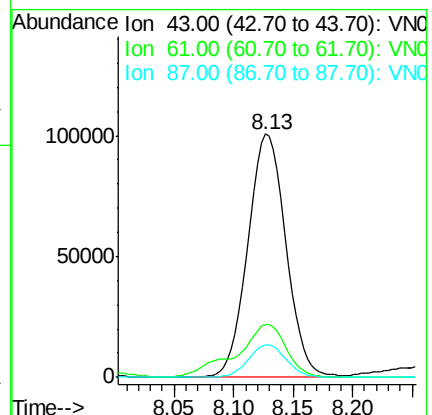
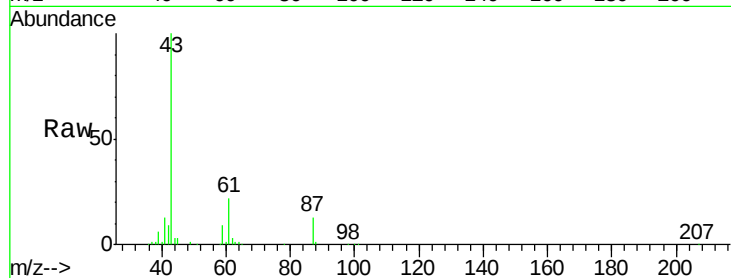
Tot Ion: 43 Resp: 222964

Ion Ratio Lower Upper

43 100

61 28.7 22.6 33.8

87 13.2 10.5 15.7



#44

Trichloroethene

Concen: 56.842 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN063125.D

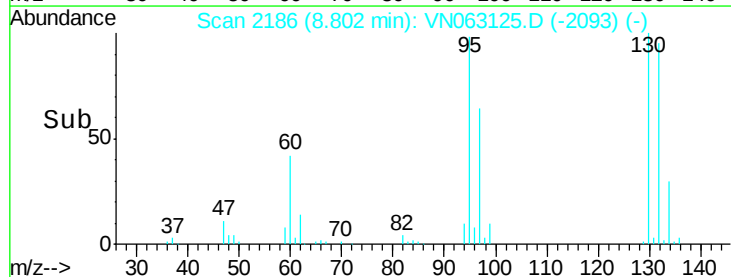
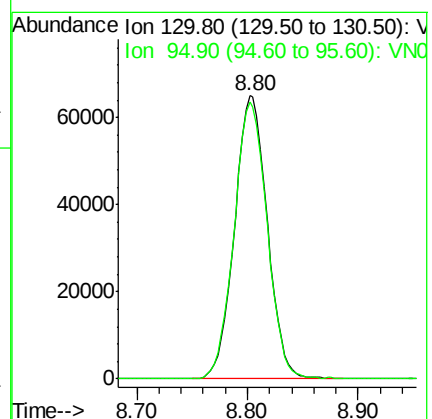
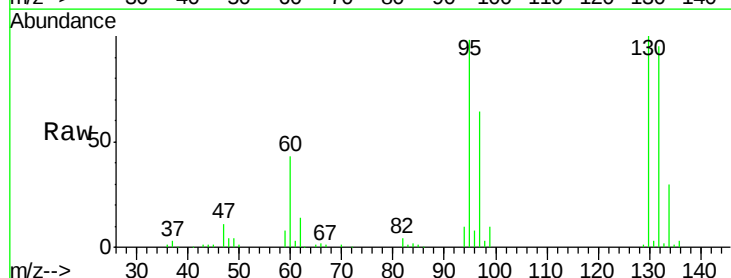
Acq: 25 Aug 2020 20:40

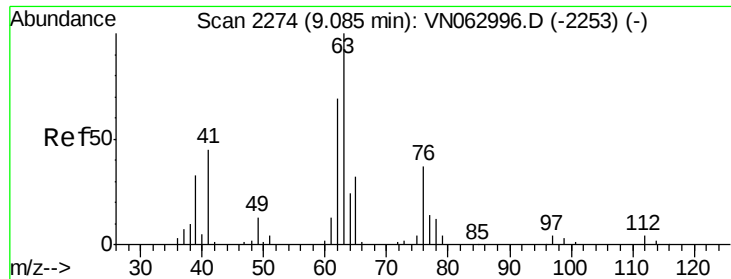
Tgt Ion:130 Resp: 133353

Ion Ratio Lower Upper

130 100

95 98.0 0.0 205.6

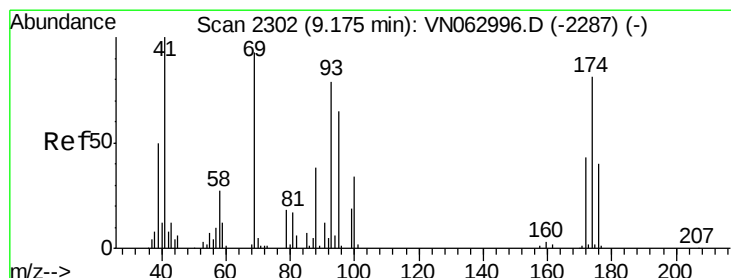
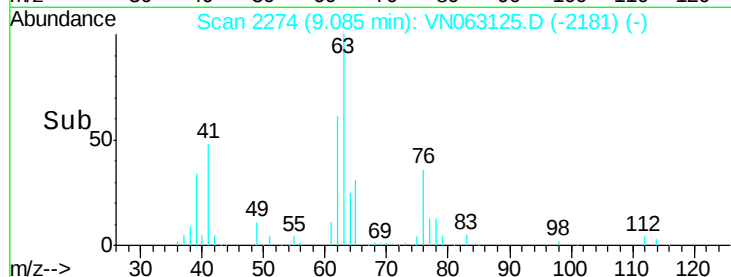
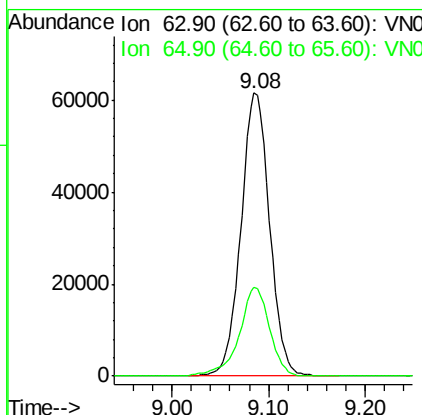
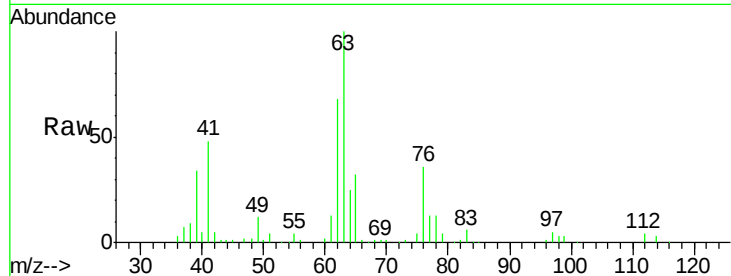




#45
 1,2-Dichloropropane
 Concen: 46.378 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN063125.D
 Acq: 25 Aug 2020 20:40

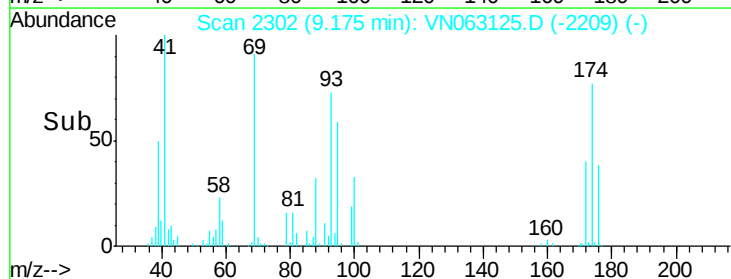
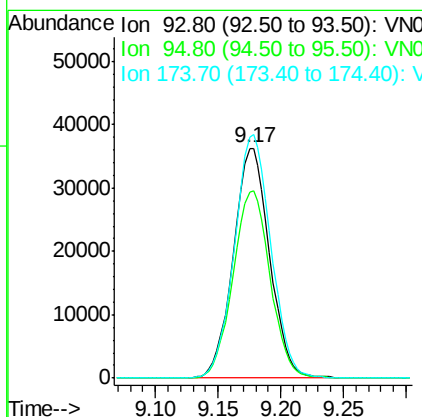
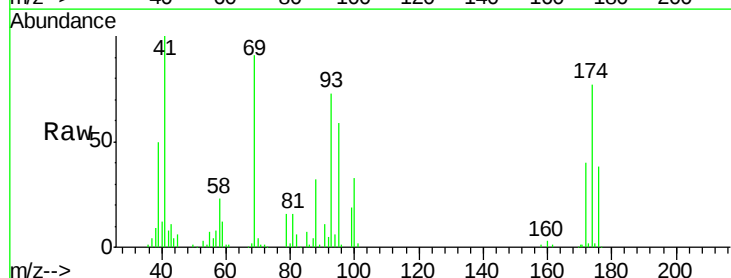
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCC050

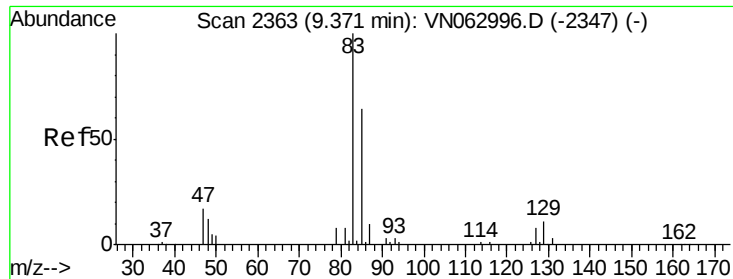
Tot Ion: 63 Resp: 126437
 Ion Ratio Lower Upper
 63 100
 65 31.6 25.6 38.4



#46
 Dibromomethane
 Concen: 46.287 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN063125.D
 Acq: 25 Aug 2020 20:40

Tgt Ion: 93 Resp: 72900
 Ion Ratio Lower Upper
 93 100
 95 83.4 66.2 99.4
 174 106.7 84.6 127.0





#47

Bromodichloromethane

Concen: 44.451 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. -0.00 min

Lab File: VN063125.D

Acq: 25 Aug 2020 20:40

Instrument :

MSVOA_N

ClientSampled :

VSTDCC050

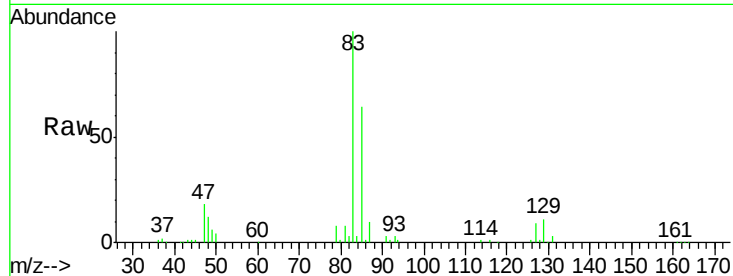
Tot Ion: 83 Resp: 153332

Ion Ratio Lower Upper

83 100

85 64.0 51.1 76.7

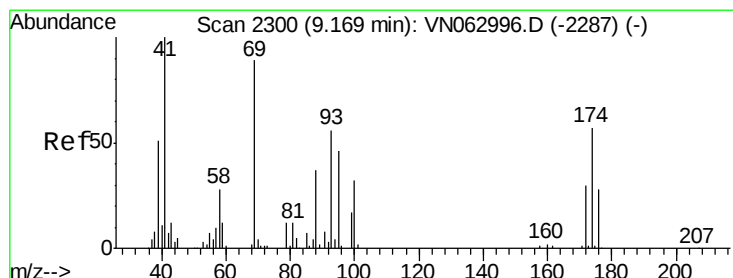
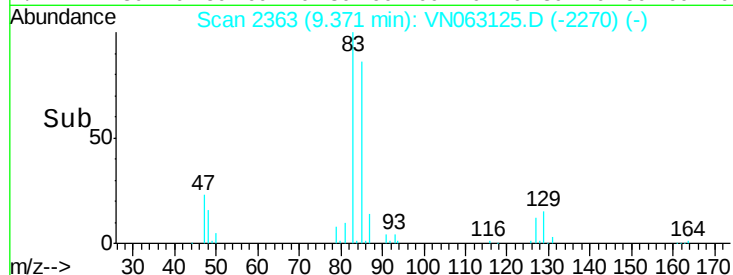
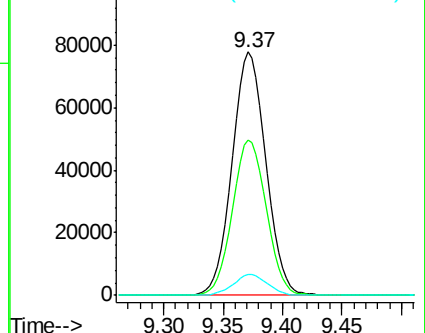
127 8.5 6.6 9.8



Abundance Ion 82.90 (82.60 to 83.60): VN063125.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN063125.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN063125.D (-2270) (-)



#48

Methyl methacrylate

Concen: 49.964 ug/l

RT: 9.17 min Scan# 2300

Delta R.T. -0.00 min

Lab File: VN063125.D

Acq: 25 Aug 2020 20:40

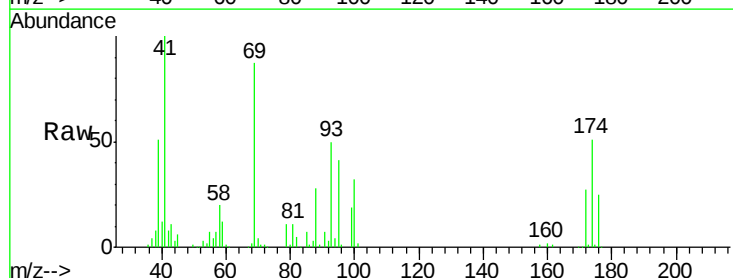
Tgt Ion: 41 Resp: 109128

Ion Ratio Lower Upper

41 100

69 90.0 74.2 111.4

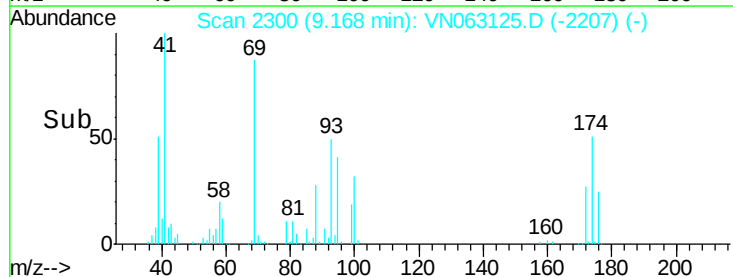
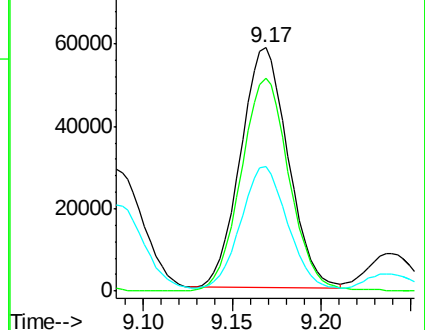
39 51.8 42.5 63.7

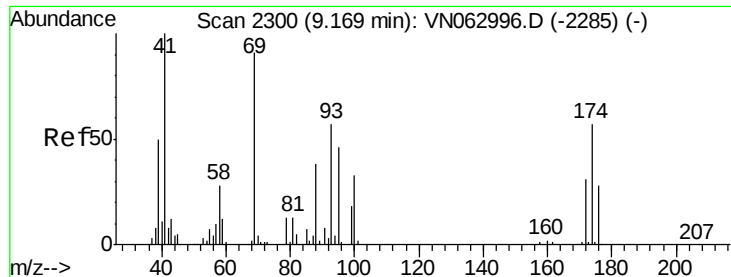


Abundance Ion 41.00 (40.70 to 41.70): VN063125.D (-2207) (-)

Ion 69.00 (68.70 to 69.70): VN063125.D (-2207) (-)

Ion 39.00 (38.70 to 39.70): VN063125.D (-2207) (-)

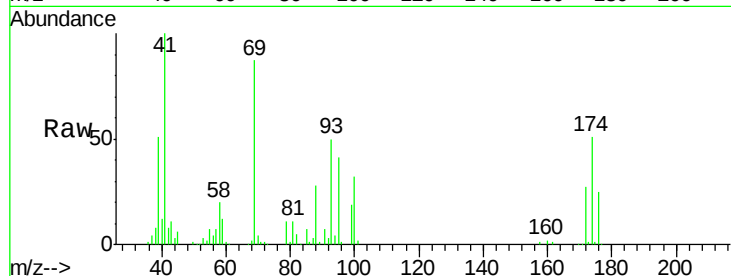




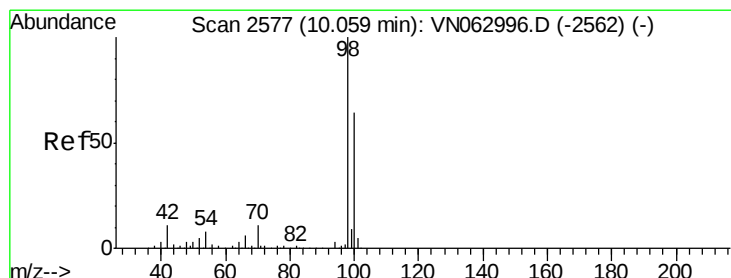
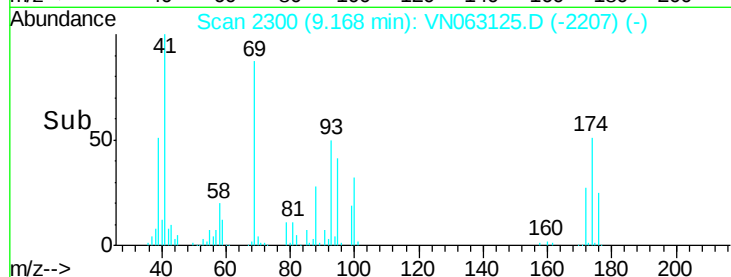
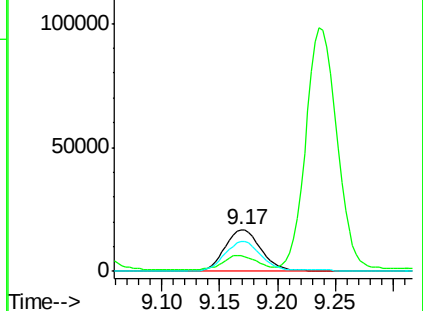
#49
1,4-Dioxane
Concen: 771.704 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. 0.00 min
Lab File: VN063125.D
Acq: 25 Aug 2020 20:40

Instrument :
MSVOA_N
ClientSampled :
VSTDCC050

Tot Ion: 88 Resp: 36920
Ion Ratio Lower Upper
88 100
43 31.0 25.2 37.8
58 71.6 56.7 85.1

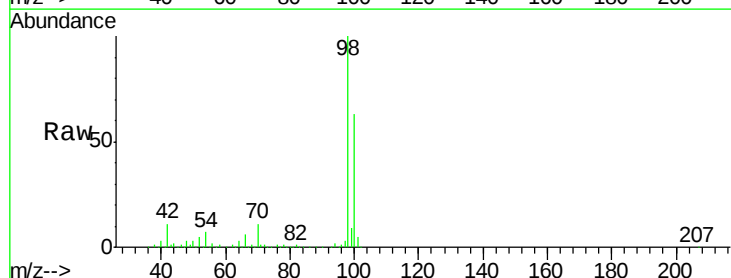


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

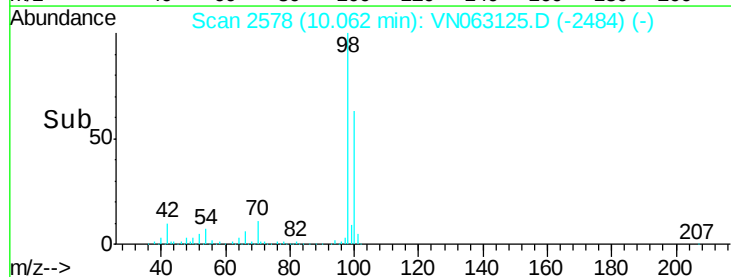
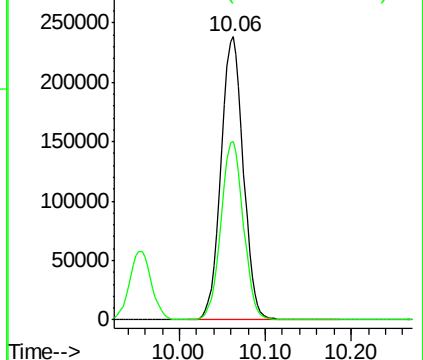


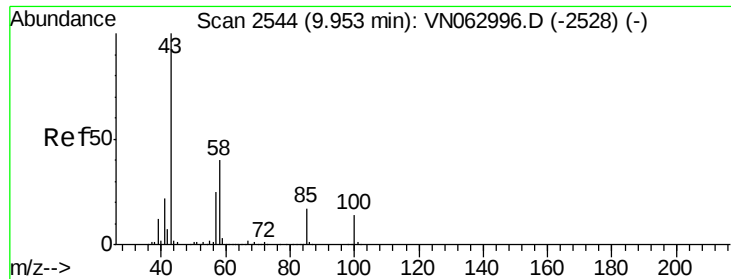
#50
Toluene-d8
Concen: 50.991 ug/l
RT: 10.06 min Scan# 2578
Delta R.T. 0.00 min
Lab File: VN063125.D
Acq: 25 Aug 2020 20:40

Tgt Ion: 98 Resp: 430641
Ion Ratio Lower Upper
98 100
100 63.4 51.2 76.8



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





#51

4-Methyl-2-Pentanone

Concen: 246.493 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN063125.D

Acq: 25 Aug 2020 20:40

Instrument :

MSVOA_N

ClientSampleId :

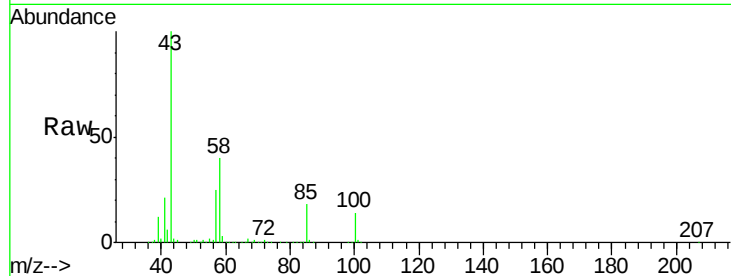
VSTDCC050

Tot Ion: 43 Resp: 719224

Ion Ratio Lower Upper

43 100

58 39.9 32.2 48.2



Abundance Ion 43.00 (42.70 to 43.70): VN063125.D (-2544) (-)

Ion 58.00 (57.70 to 58.70): VN063125.D (-2544) (-)

9.95

400000

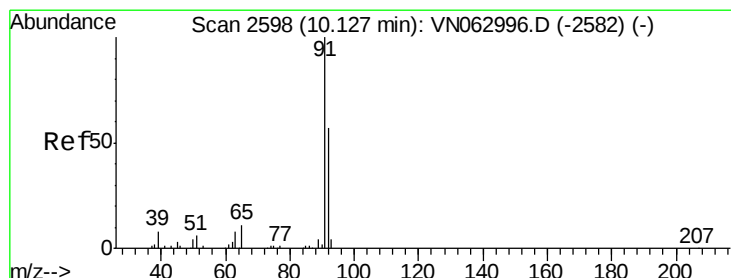
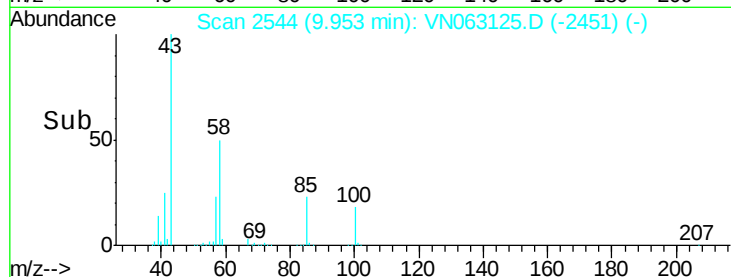
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 47.466 ug/l

RT: 10.13 min Scan# 2598

Delta R.T. -0.00 min

Lab File: VN063125.D

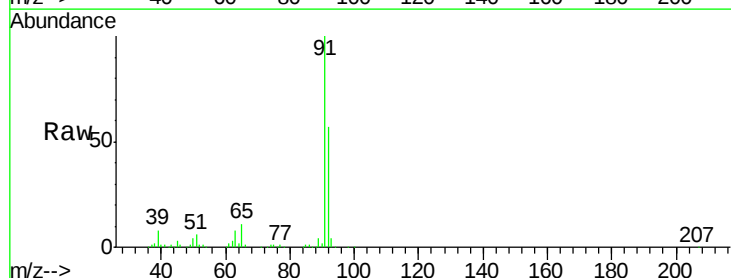
Acq: 25 Aug 2020 20:40

Tgt Ion: 92 Resp: 270053

Ion Ratio Lower Upper

92 100

91 173.6 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VN063125.D (-2598) (-)

Ion 91.00 (90.70 to 91.70): VN063125.D (-2598) (-)

10.13

300000

250000

200000

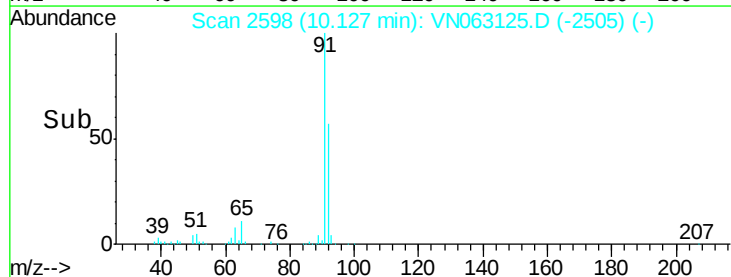
150000

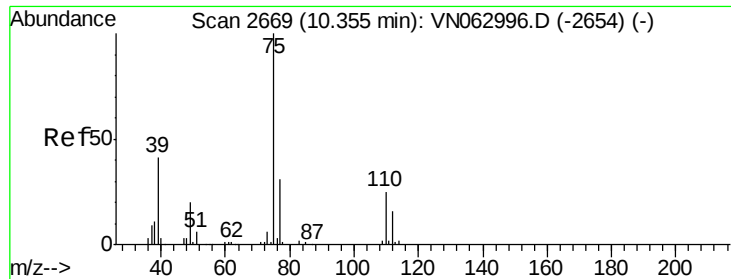
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 46.318 ug/l

RT: 10.35 min Scan# 2669

Delta R.T. -0.00 min

Lab File: VN063125.D

Acq: 25 Aug 2020 20:40

Instrument :

MSVOA_N

ClientSampled :

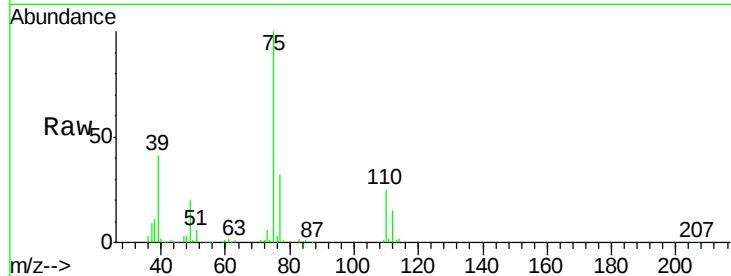
VSTDCC050

Tot Ion: 75 Resp: 165224

Ion Ratio Lower Upper

75 100

77 31.4 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.35

80000

60000

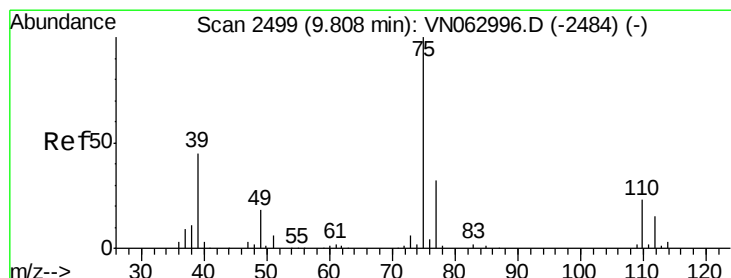
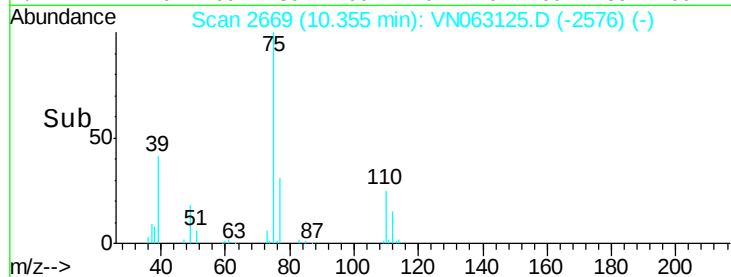
40000

20000

0

10.30 10.40

Time-->



#54

cis-1,3-Dichloropropene

Concen: 47.111 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN063125.D

Acq: 25 Aug 2020 20:40

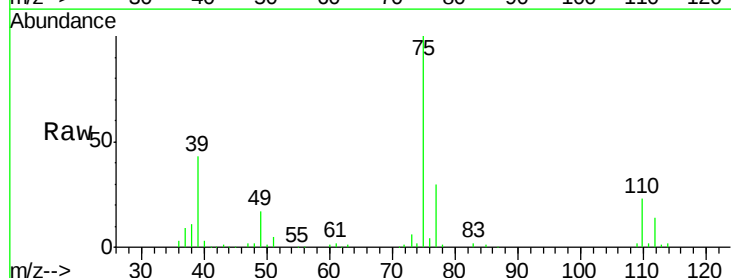
Tgt Ion: 75 Resp: 184354

Ion Ratio Lower Upper

75 100

77 30.3 25.4 38.2

39 43.0 35.7 53.5



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.81

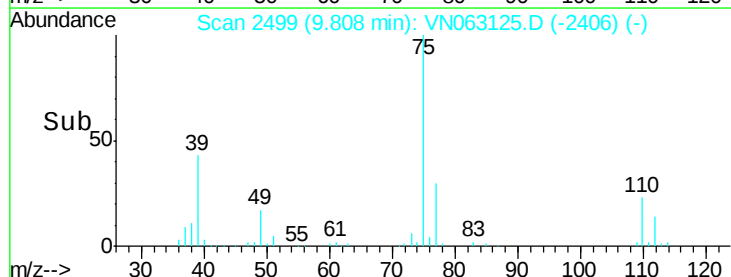
100000

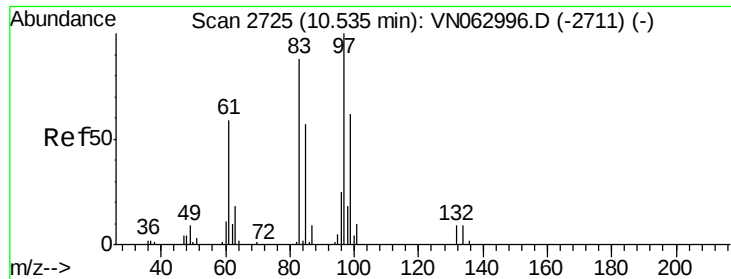
50000

0

9.75 9.80 9.85 9.90

Time-->



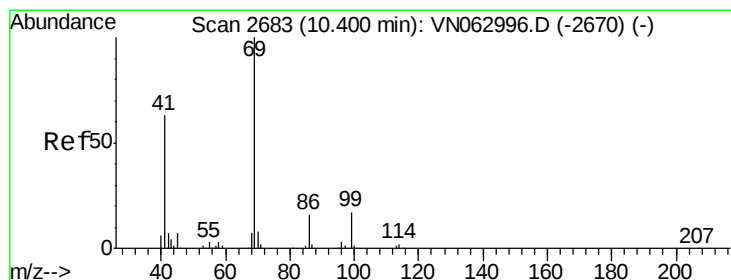
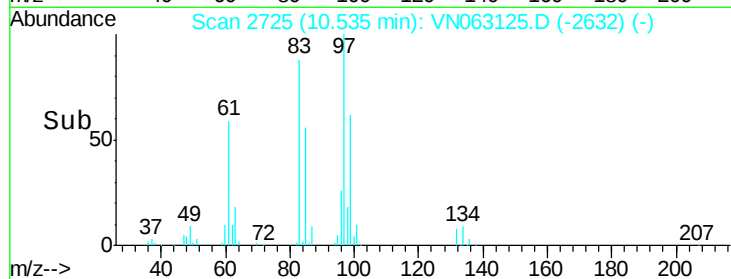
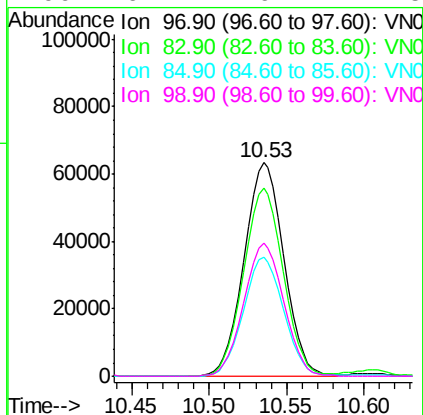
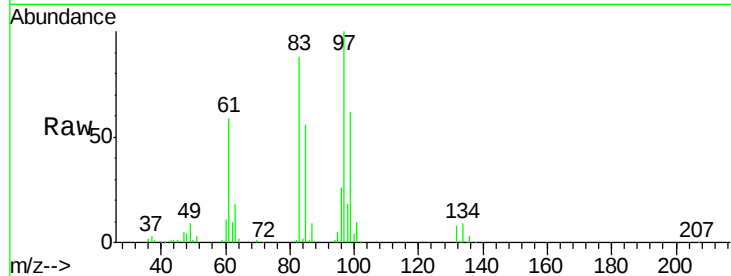


#55
 1,1,2-Trichloroethane
 Concen: 46.766 ug/l
 RT: 10.53 min Scan# 2725
 Delta R.T. -0.00 min
 Lab File: VN063125.D
 Acq: 25 Aug 2020 20:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCC050

Tot Ion: 97 Resp: 113770

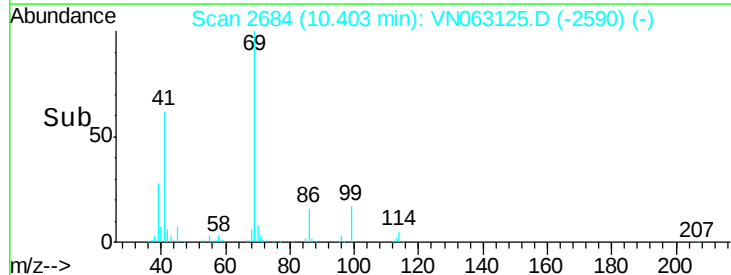
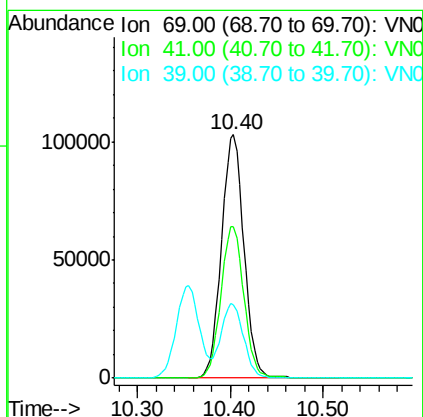
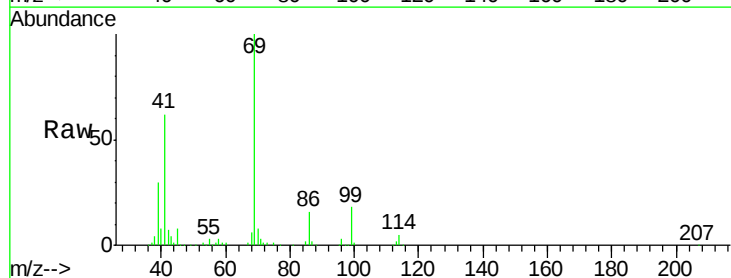
Ion	Ratio	Lower	Upper
97	100		
83	88.0	70.5	105.7
85	55.7	45.8	68.6
99	62.1	49.7	74.5

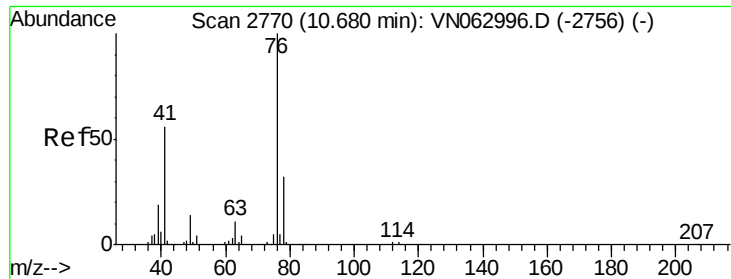


#56
 Ethyl methacrylate
 Concen: 46.403 ug/l
 RT: 10.40 min Scan# 2684
 Delta R.T. 0.00 min
 Lab File: VN063125.D
 Acq: 25 Aug 2020 20:40

Tgt Ion: 69 Resp: 173864

Ion	Ratio	Lower	Upper
69	100		
41	62.8	50.2	75.2
39	31.2	24.2	36.4

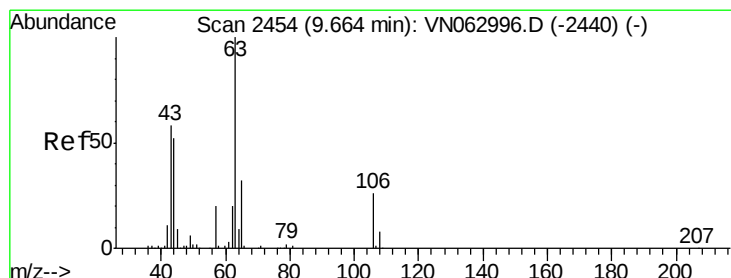
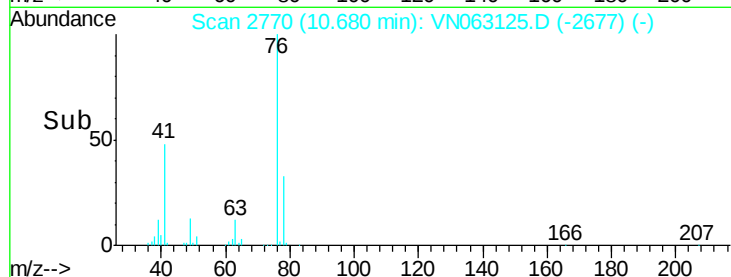
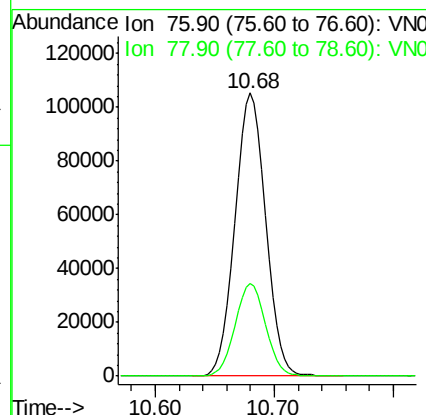
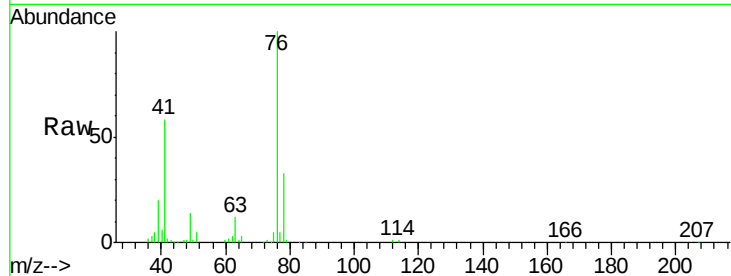




#57
 1,3-Dichloropropane
 Concen: 46.581 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. -0.00 min
 Lab File: VN063125.D
 Acq: 25 Aug 2020 20:40

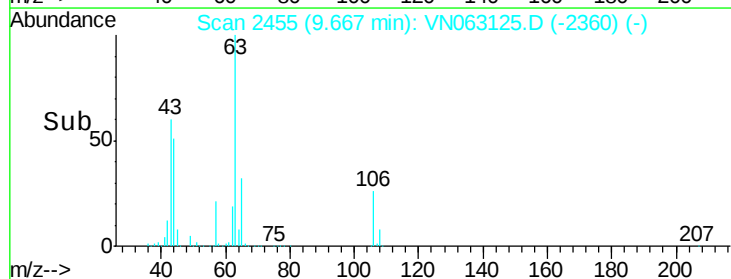
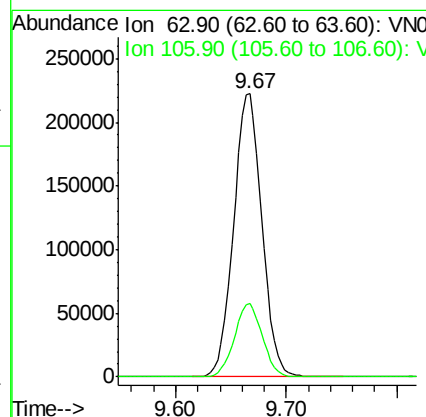
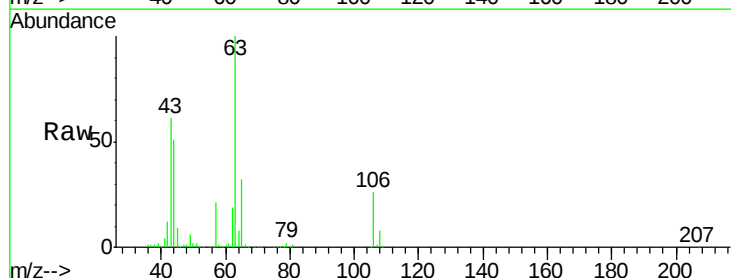
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCC050

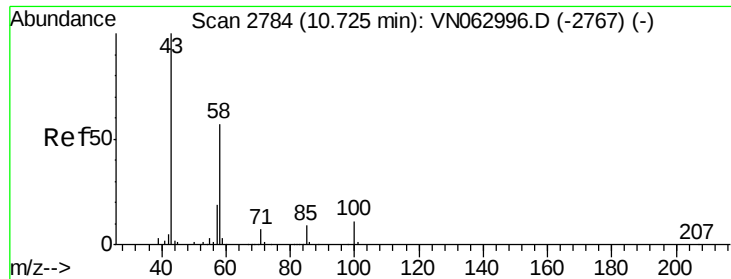
Tot Ion: 76 Resp: 188170
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 423.218 ug/l
 RT: 9.67 min Scan# 2455
 Delta R.T. 0.00 min
 Lab File: VN063125.D
 Acq: 25 Aug 2020 20:40

Tgt Ion: 63 Resp: 394710
 Ion Ratio Lower Upper
 63 100
 106 25.6 20.7 31.1

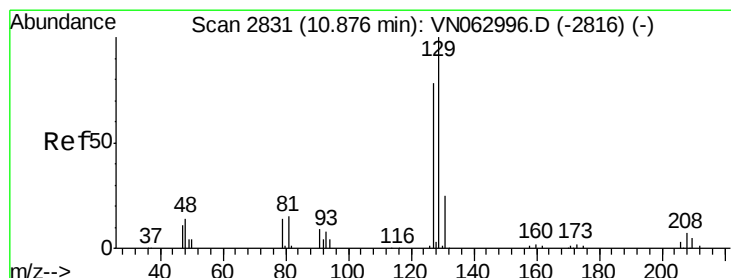
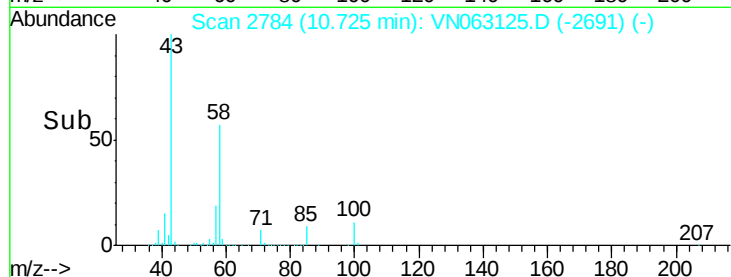
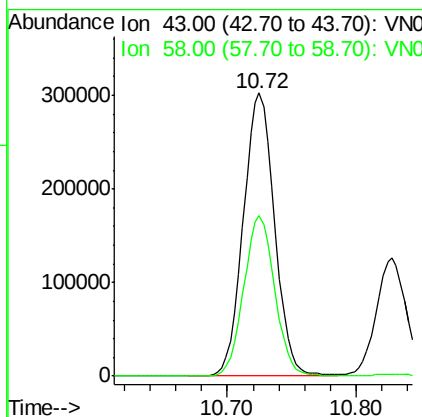
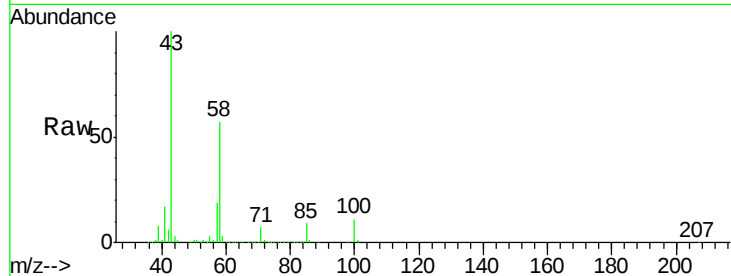




#59
2-Hexanone
Concen: 249.815 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. -0.00 min
Lab File: VN063125.D
Acq: 25 Aug 2020 20:40

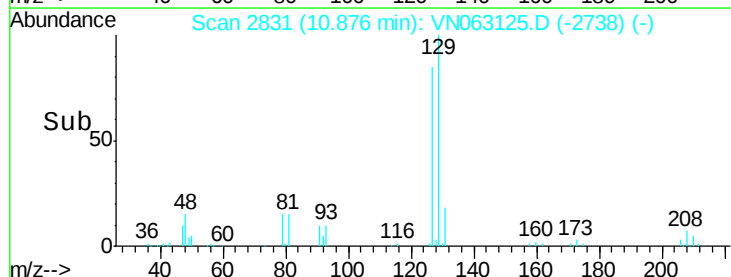
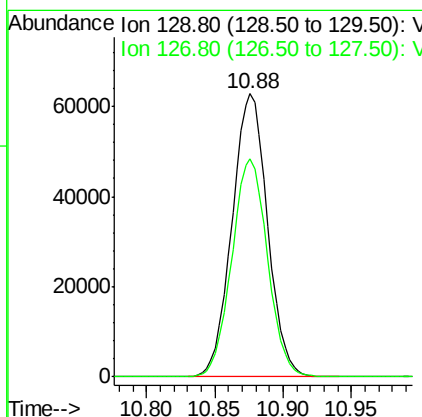
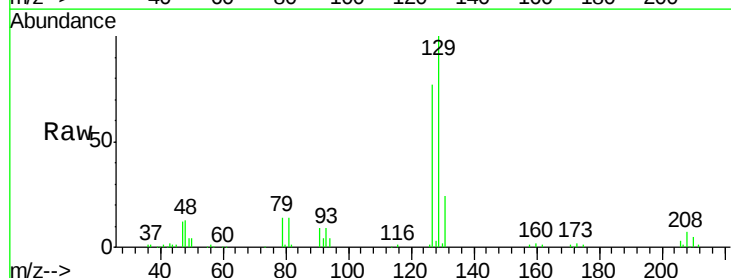
Instrument :
MSVOA_N
ClientSampleId :
VSTDCC050

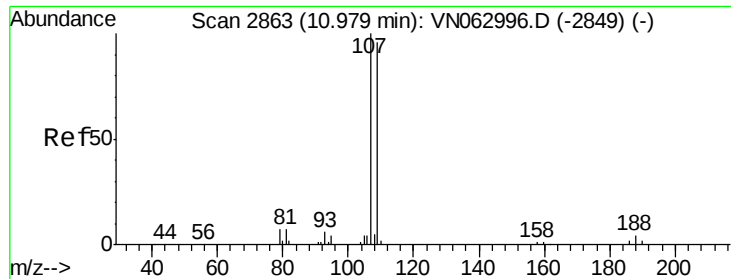
Tot Ion: 43 Resp: 508439
Ion Ratio Lower Upper
43 100
58 56.3 28.1 84.3



#60
Dibromochloromethane
Concen: 42.066 ug/l
RT: 10.88 min Scan# 2831
Delta R.T. -0.00 min
Lab File: VN063125.D
Acq: 25 Aug 2020 20:40

Tgt Ion: 129 Resp: 113252
Ion Ratio Lower Upper
129 100
127 77.5 38.4 115.2

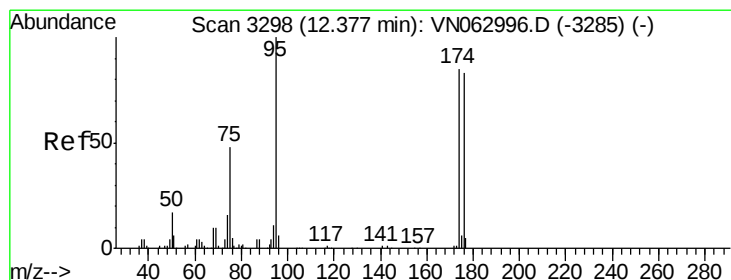
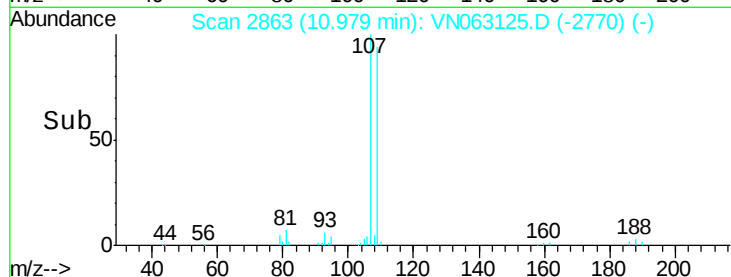
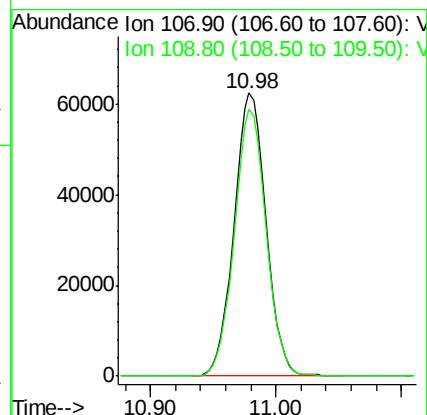
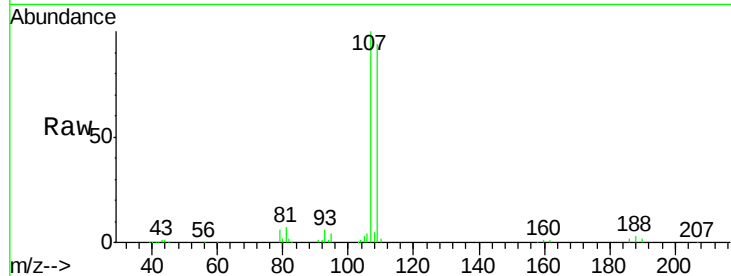




#61
 1,2-Dibromoethane
 Concen: 47.138 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. -0.00 min
 Lab File: VN063125.D
 Acq: 25 Aug 2020 20:40

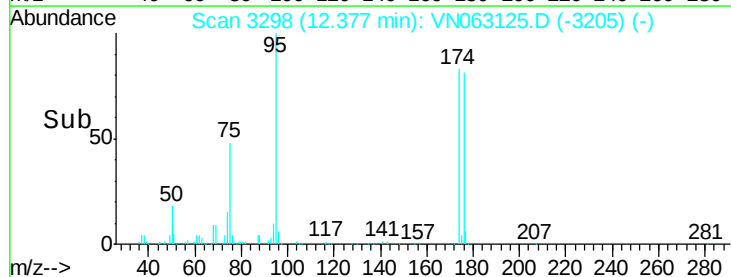
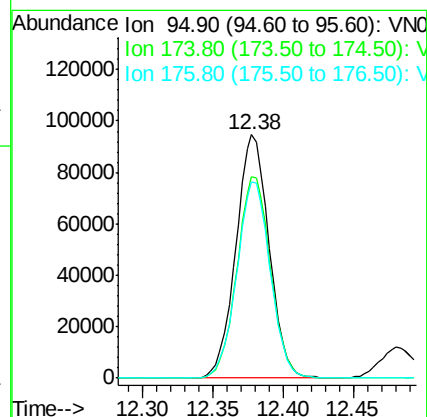
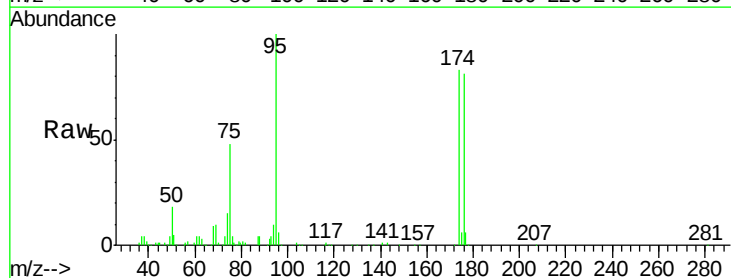
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCC050

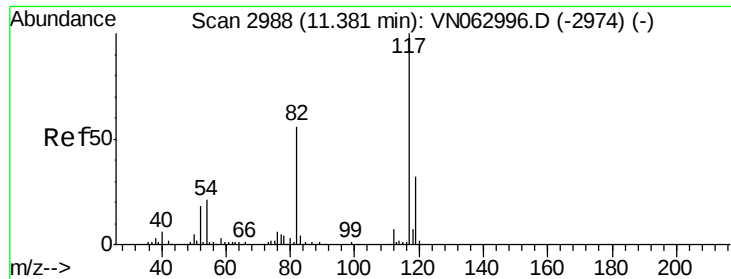
Tot Ion:107 Resp: 110186
 Ion Ratio Lower Upper
 107 100
 109 94.0 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 52.329 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN063125.D
 Acq: 25 Aug 2020 20:40

Tgt Ion: 95 Resp: 155956
 Ion Ratio Lower Upper
 95 100
 174 83.6 0.0 170.8
 176 81.3 0.0 164.8

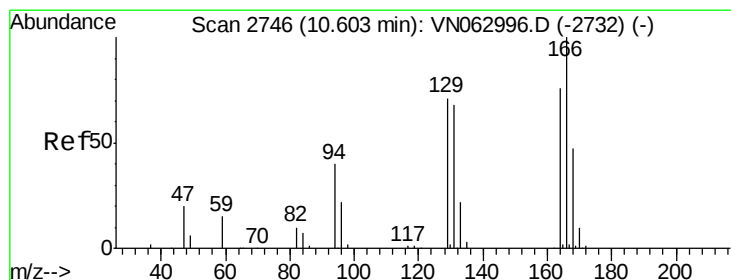
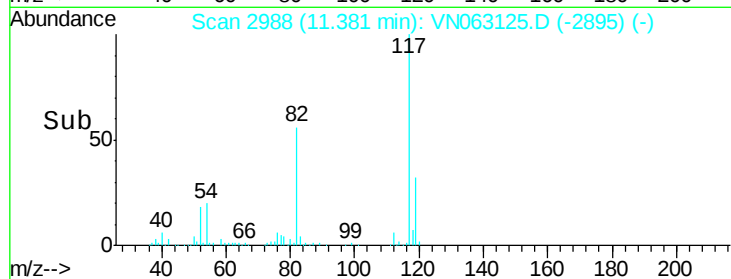
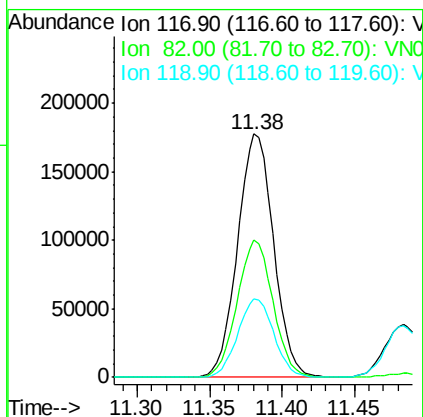
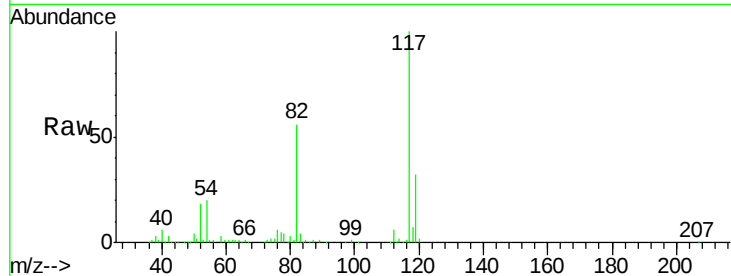




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN063125.D
Acq: 25 Aug 2020 20:40

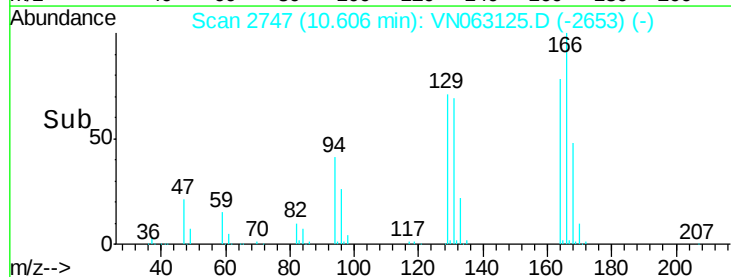
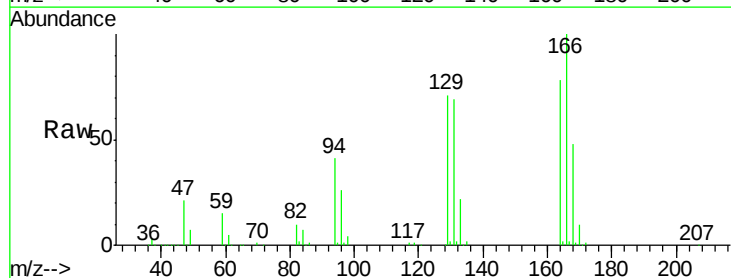
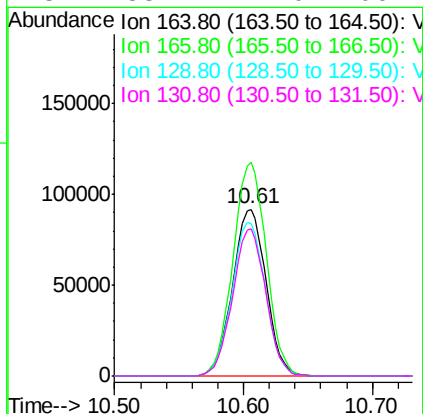
Instrument :
MSVOA_N
ClientSampleId :
VSTDCC050

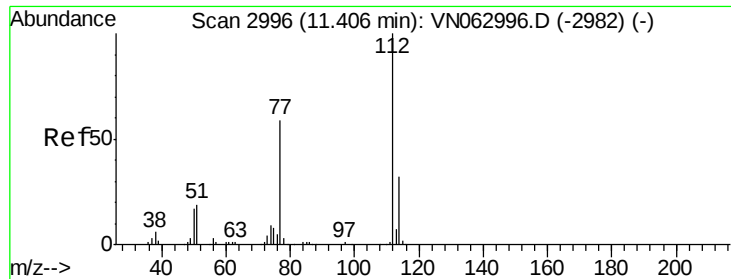
Tot Ion:117 Resp: 306884
Ion Ratio Lower Upper
117 100
82 56.2 44.5 66.7
119 32.0 25.5 38.3



#64
Tetrachloroethene
Concen: 81.623 ug/l
RT: 10.61 min Scan# 2747
Delta R.T. 0.00 min
Lab File: VN063125.D
Acq: 25 Aug 2020 20:40

Tgt Ion:164 Resp: 164656
Ion Ratio Lower Upper
164 100
166 128.0 105.0 157.6
129 91.2 74.7 112.1
131 88.1 71.0 106.4





#65

Chlorobenzene

Concen: 47.860 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN063125.D

Acq: 25 Aug 2020 20:40

Instrument :

MSVOA_N

ClientSampleId :

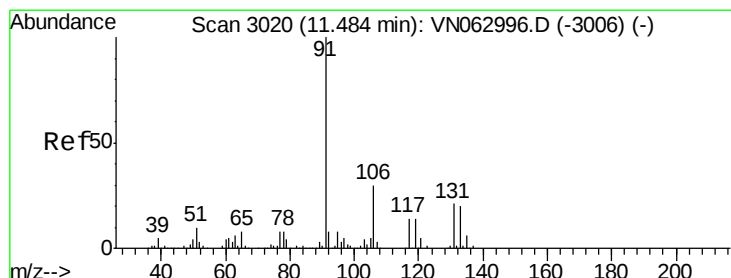
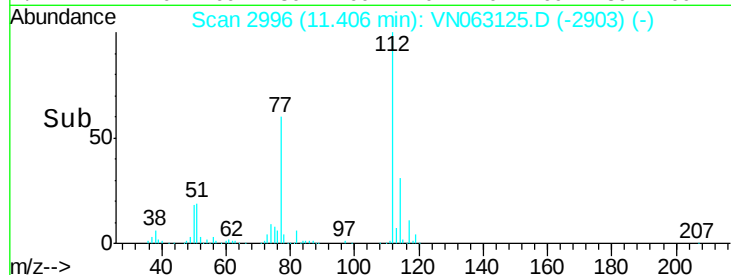
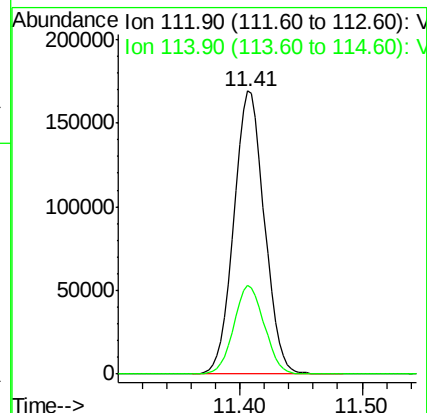
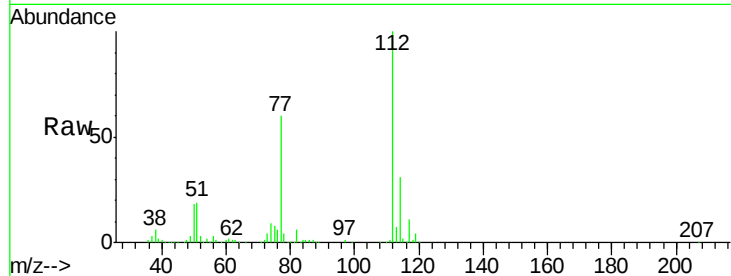
VSTDCC050

Tot Ion:112 Resp: 294977

Ion Ratio Lower Upper

112 100

114 31.4 25.3 37.9



#66

1,1,1,2-Tetrachloroethane

Concen: 40.690 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. -0.00 min

Lab File: VN063125.D

Acq: 25 Aug 2020 20:40

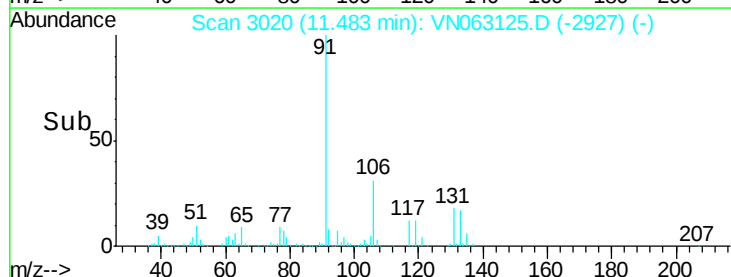
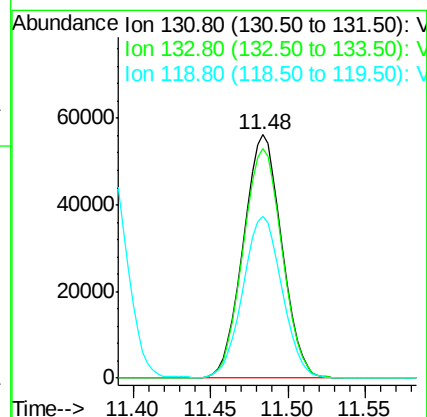
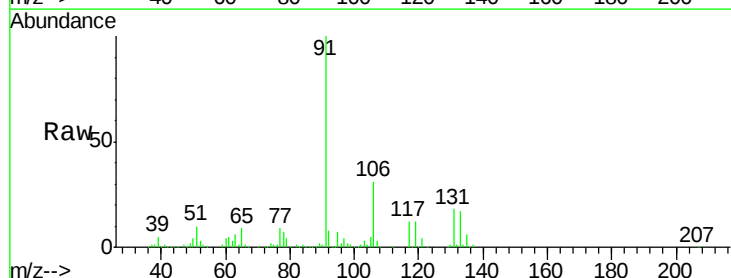
Tgt Ion:131 Resp: 97545

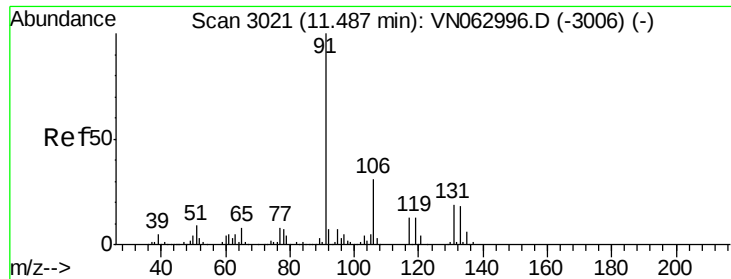
Ion Ratio Lower Upper

131 100

133 95.8 47.5 142.6

119 67.5 33.1 99.3





#67

Ethyl Benzene

Concen: 50.514 ug/l

RT: 11.49 min Scan# 3021

Delta R.T. -0.00 min

Lab File: VN063125.D

Acq: 25 Aug 2020 20:40

Instrument :

MSVOA_N

ClientSampled :

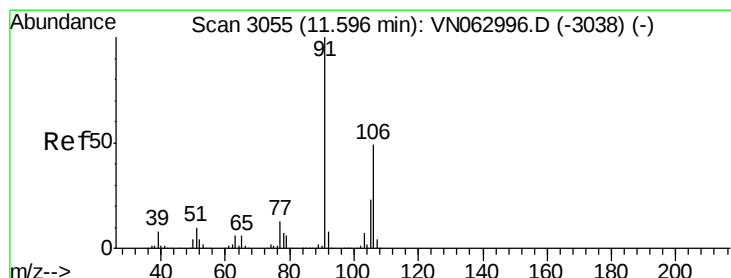
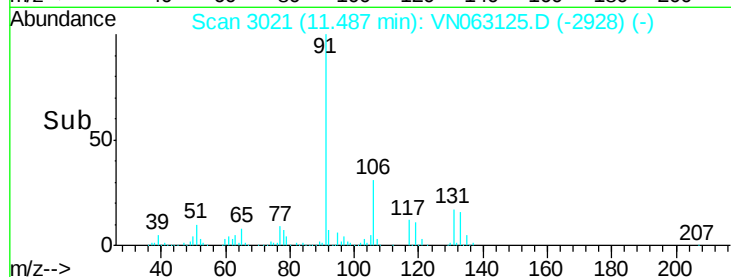
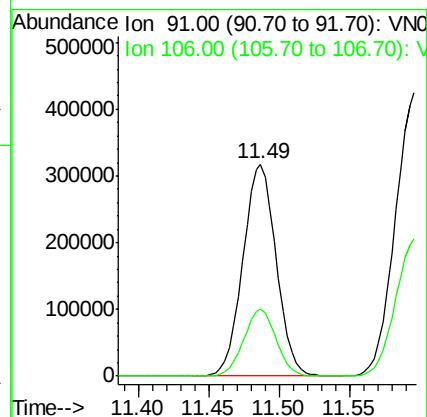
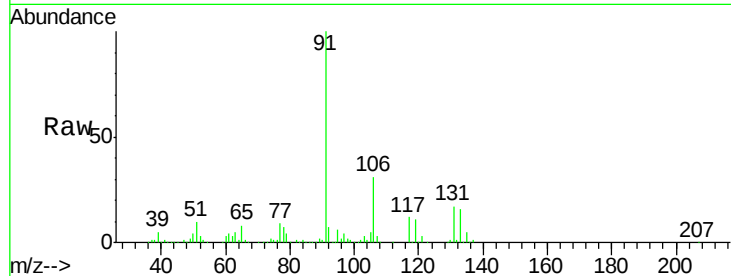
VSTDCC050

Tot Ion: 91 Resp: 526071

Ion Ratio Lower Upper

91 100

106 31.5 24.6 37.0



#68

m/p-Xylenes

Concen: 101.633 ug/l

RT: 11.60 min Scan# 3055

Delta R.T. -0.00 min

Lab File: VN063125.D

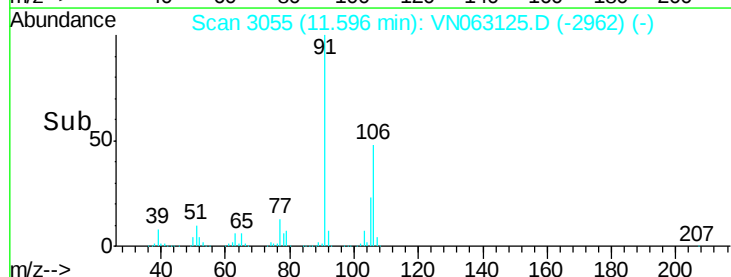
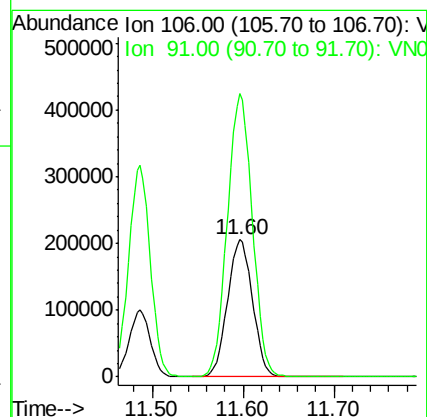
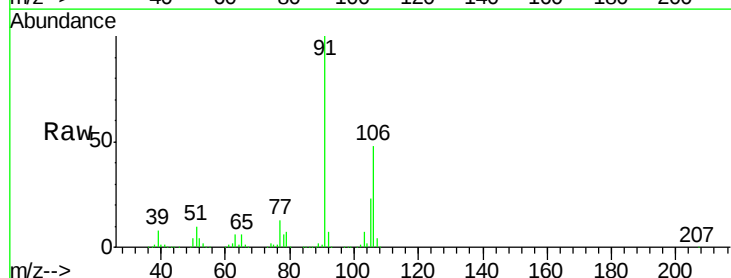
Acq: 25 Aug 2020 20:40

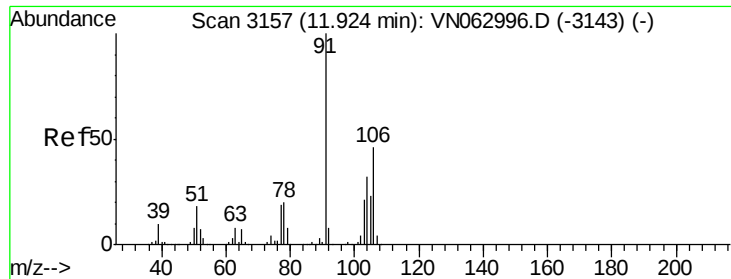
Tgt Ion: 106 Resp: 393385

Ion Ratio Lower Upper

106 100

91 205.3 163.0 244.4

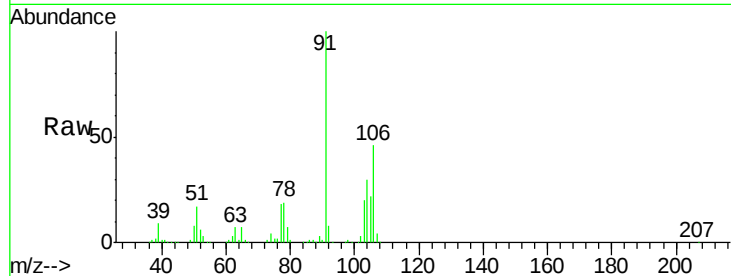




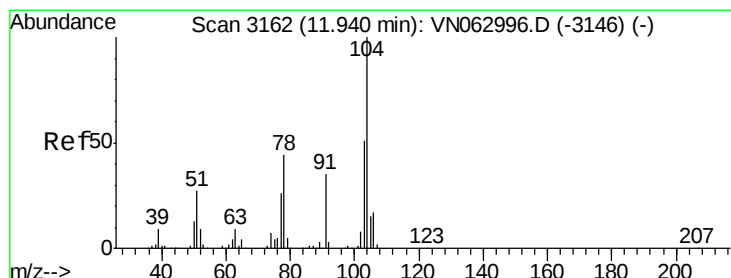
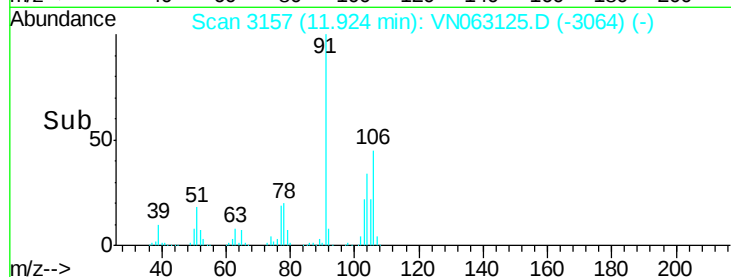
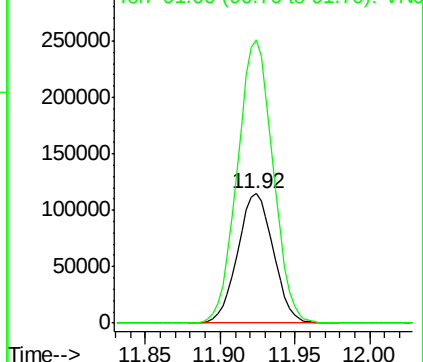
#69
o-Xylene
Concen: 51.431 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. -0.00 min
Lab File: VN063125.D
Acq: 25 Aug 2020 20:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCC050

Tot Ion:106 Resp: 191162
Ion Ratio Lower Upper
106 100
91 218.2 107.3 321.9

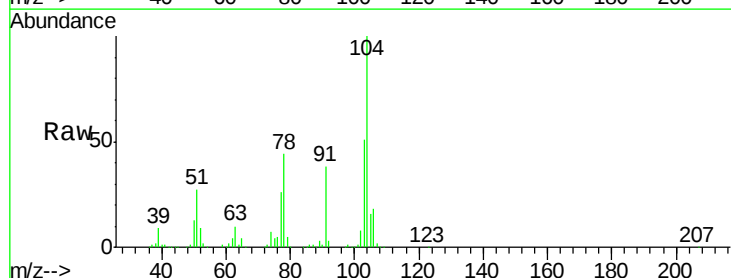


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

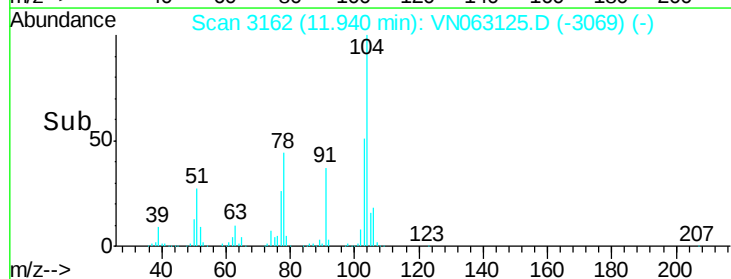
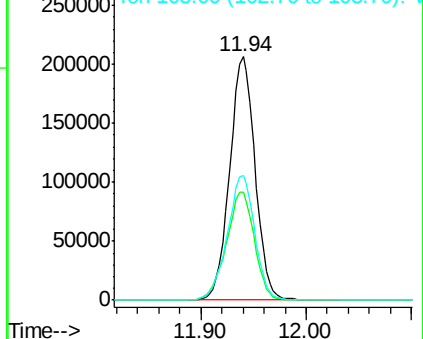


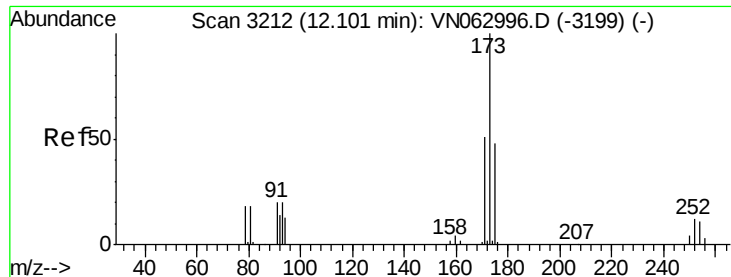
#70
Styrene
Concen: 46.759 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN063125.D
Acq: 25 Aug 2020 20:40

Tgt Ion:104 Resp: 343939
Ion Ratio Lower Upper
104 100
78 49.1 39.0 58.6
103 55.1 44.3 66.5



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 34.287 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN063125.D

Acq: 25 Aug 2020 20:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCC050

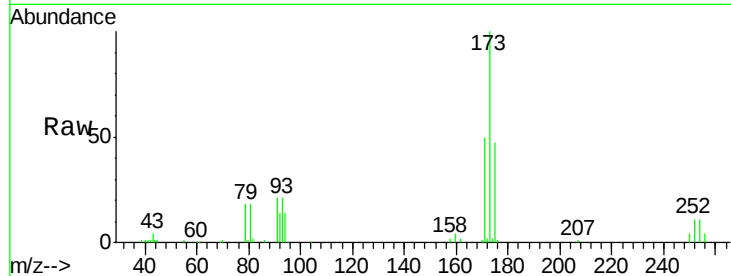
Tot Ion:173 Resp: 65425

Ion Ratio Lower Upper

173 100

175 48.8 24.3 72.8

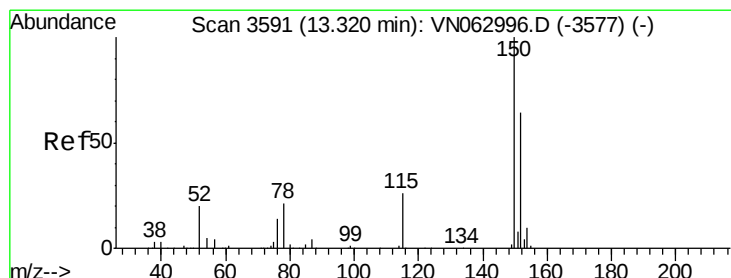
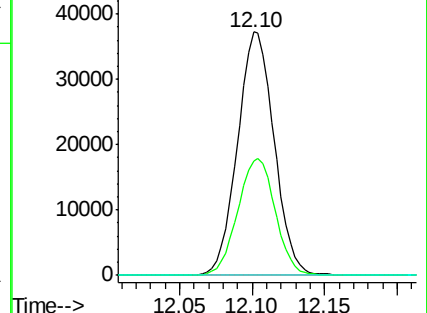
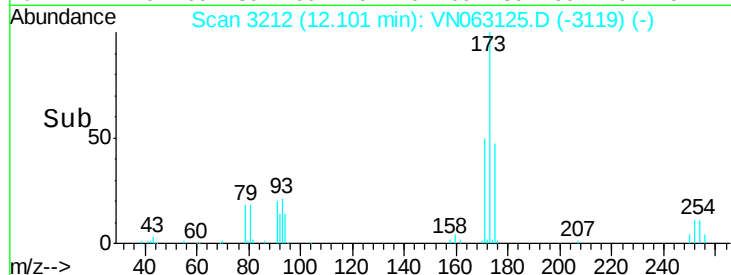
254 0.0 0.0 0.0



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# 3591

Delta R.T. -0.00 min

Lab File: VN063125.D

Acq: 25 Aug 2020 20:40

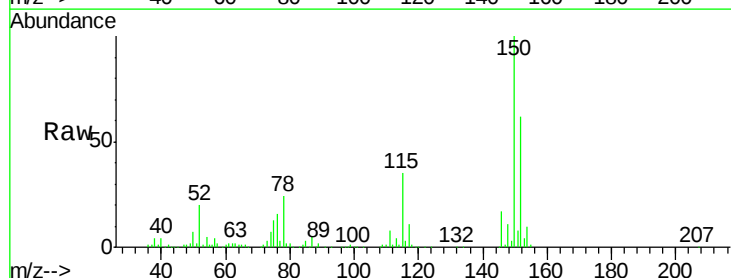
Tgt Ion:152 Resp: 153300

Ion Ratio Lower Upper

152 100

115 56.7 28.7 86.3

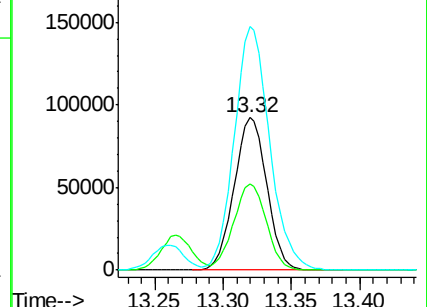
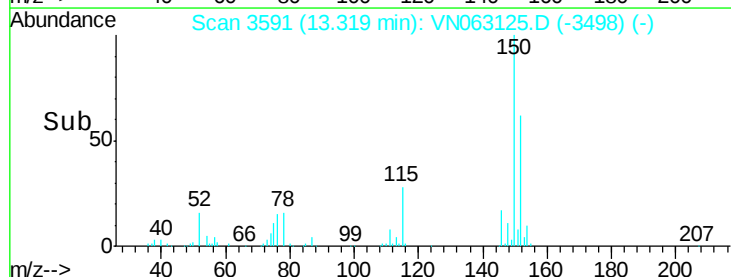
150 173.1 0.0 348.8

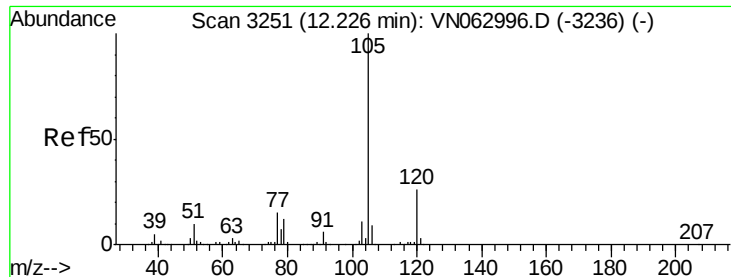


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

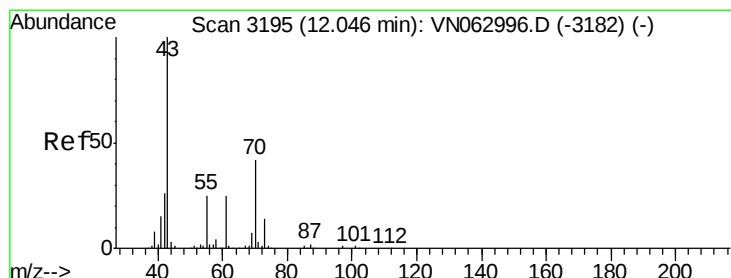
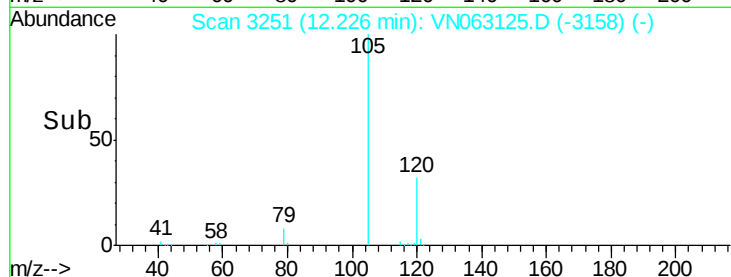
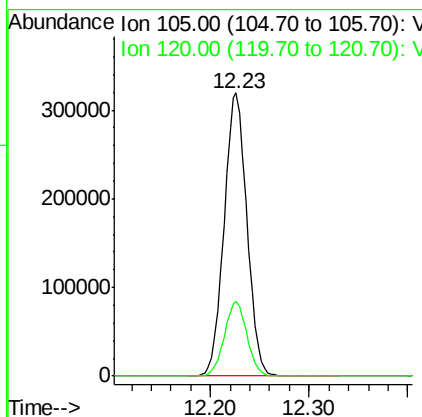
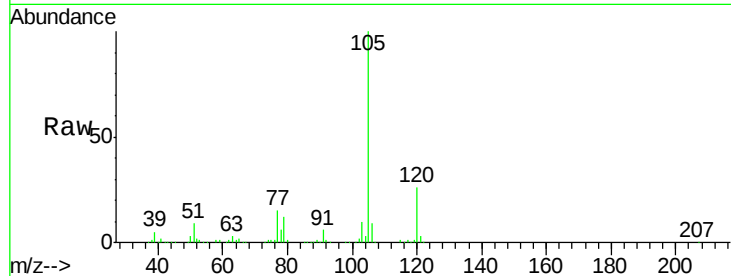




#73
Isopropylbenzene
Concen: 49.439 ug/l
RT: 12.23 min Scan# 3251
Delta R.T. -0.00 min
Lab File: VN063125.D
Acq: 25 Aug 2020 20:40

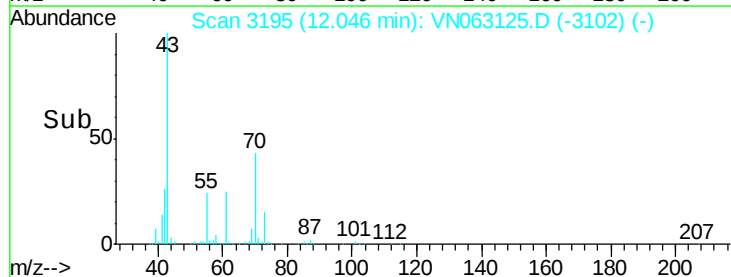
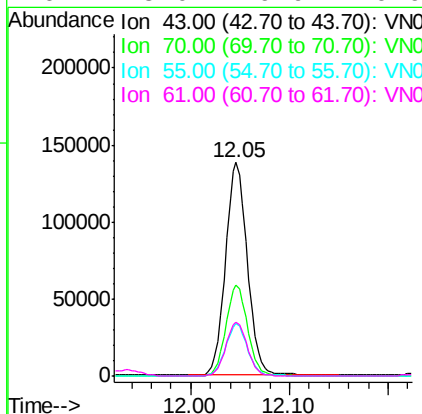
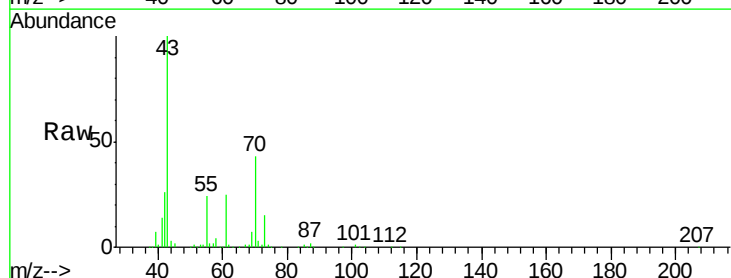
Instrument :
MSVOA_N
ClientSampleId :
VSTDCC050

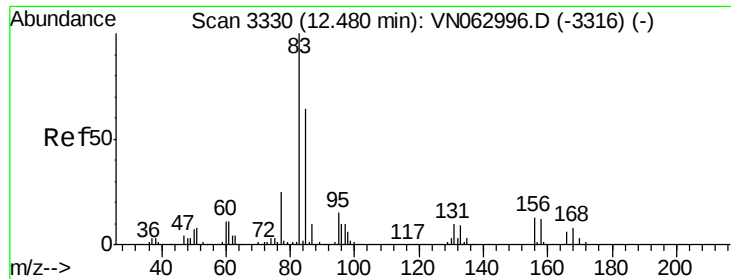
Tot Ion:105 Resp: 519006
Ion Ratio Lower Upper
105 100
120 26.1 13.2 39.6



#74
N-ethyl acetate
Concen: 57.552 ug/l
RT: 12.05 min Scan# 3195
Delta R.T. -0.00 min
Lab File: VN063125.D
Acq: 25 Aug 2020 20:40

Tgt Ion: 43 Resp: 216387
Ion Ratio Lower Upper
43 100
70 42.4 33.4 50.0
55 24.8 20.2 30.2
61 25.0 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 40.565 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN063125.D

Acq: 25 Aug 2020 20:40

Instrument :

MSVOA_N

ClientSampled :

VSTDCC050

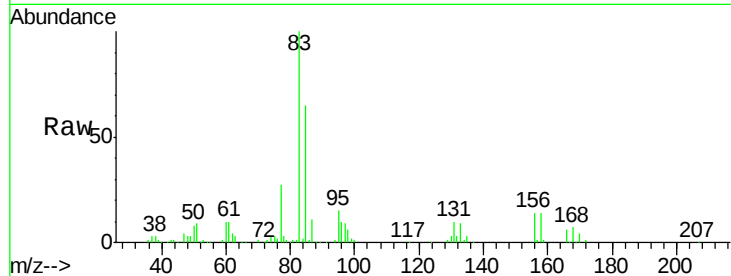
Tot Ion: 83 Resp: 138495

Ion Ratio Lower Upper

83 100

131 9.9 4.9 14.7

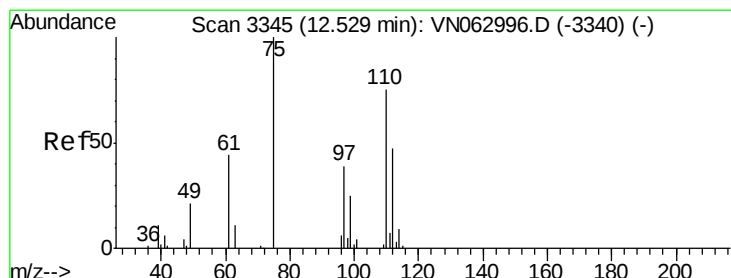
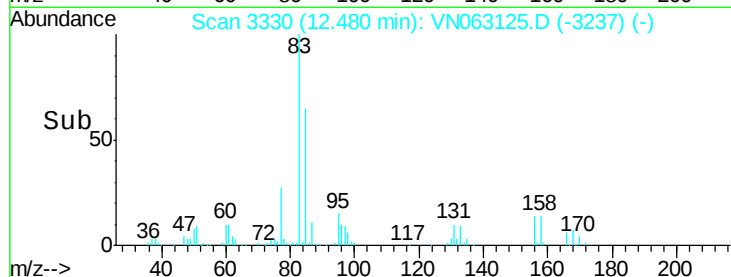
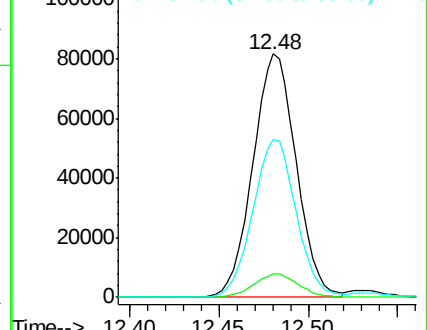
85 64.9 31.9 95.5



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 43.664 ug/l m

RT: 12.53 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN063125.D

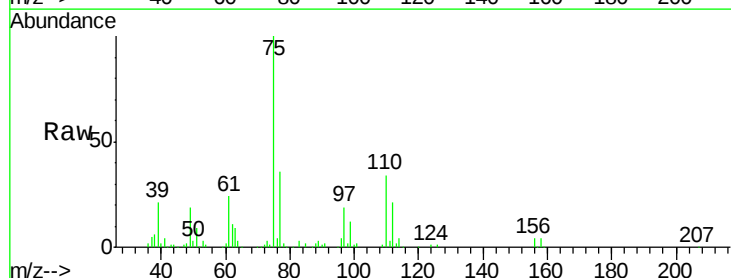
Acq: 25 Aug 2020 20:40

Tgt Ion: 75 Resp: 130109

Ion Ratio Lower Upper

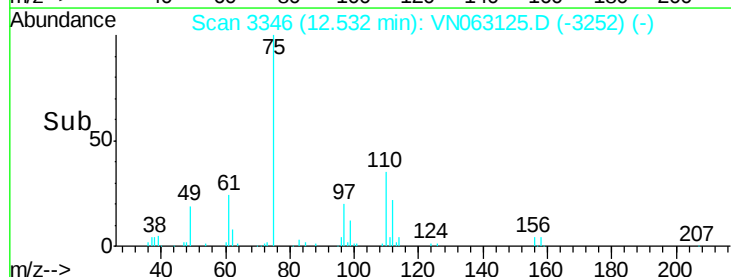
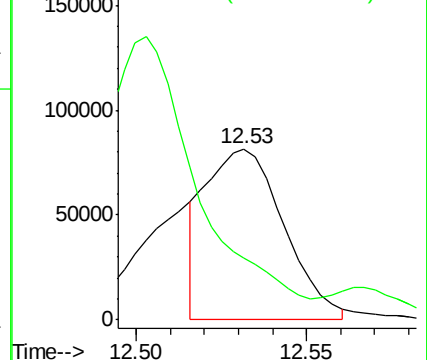
75 100

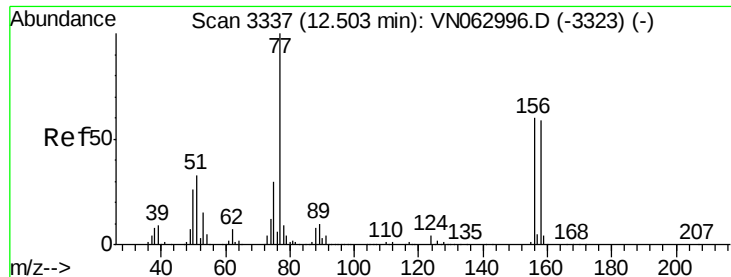
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 46.342 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN063125.D

Acq: 25 Aug 2020 20:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCC050

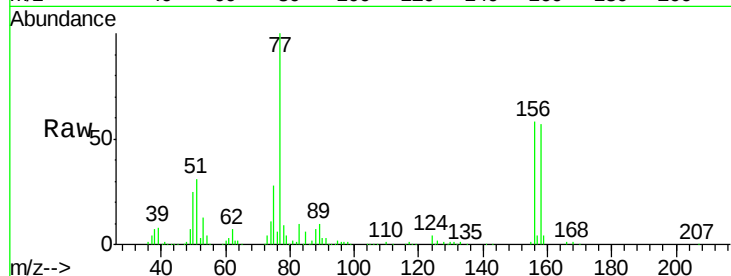
Tot Ion:156 Resp: 133802

Ion Ratio Lower Upper

156 100

77 203.1 101.0 302.9

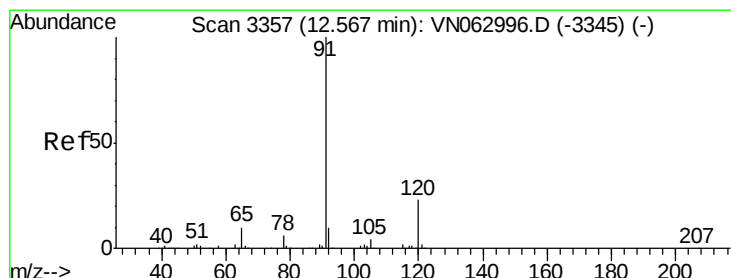
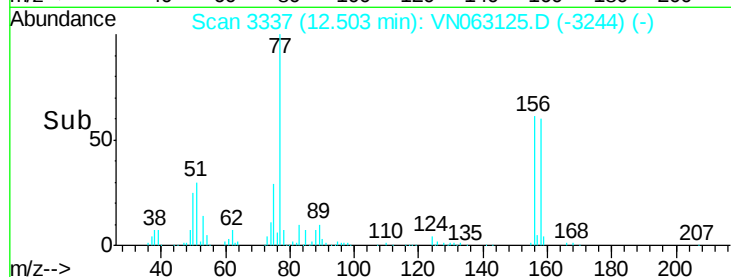
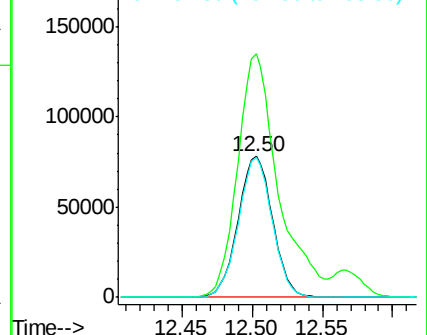
158 97.4 49.4 148.0



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: 50.629 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN063125.D

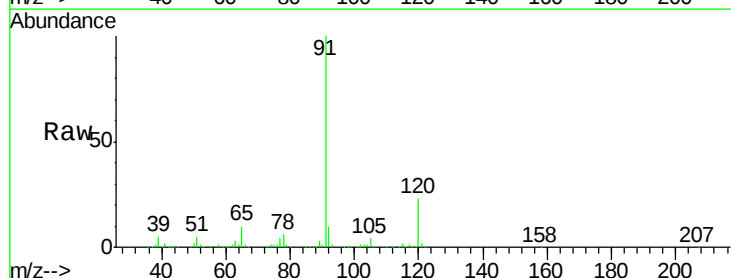
Acq: 25 Aug 2020 20:40

Tgt Ion: 91 Resp: 605816

Ion Ratio Lower Upper

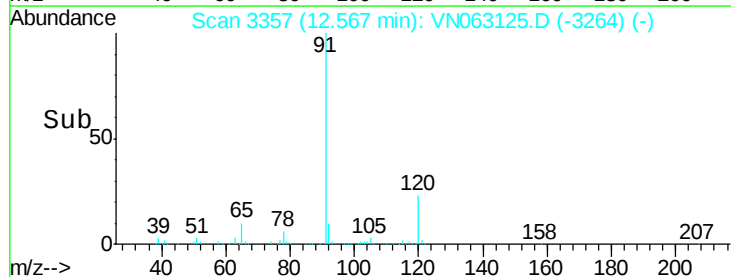
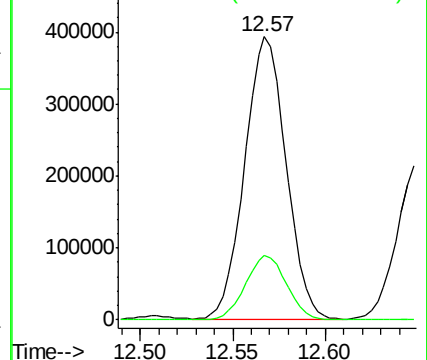
91 100

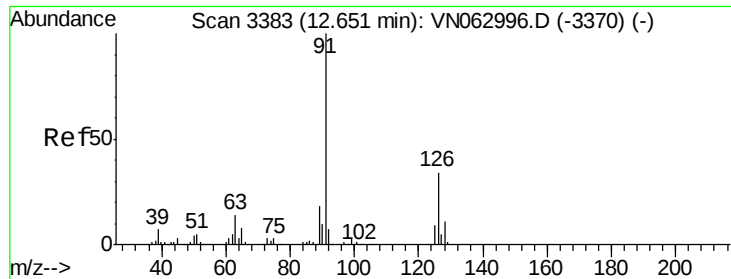
120 22.7 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.828 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. -0.00 min

Lab File: VN063125.D

Acq: 25 Aug 2020 20:40

Instrument :

MSVOA_N

ClientSampleId :

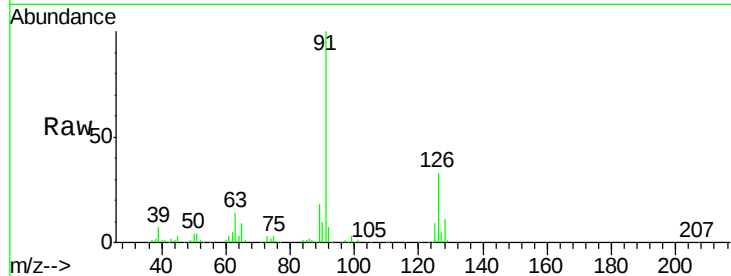
VSTDCC050

Tot Ion: 91 Resp: 359973

Ion Ratio Lower Upper

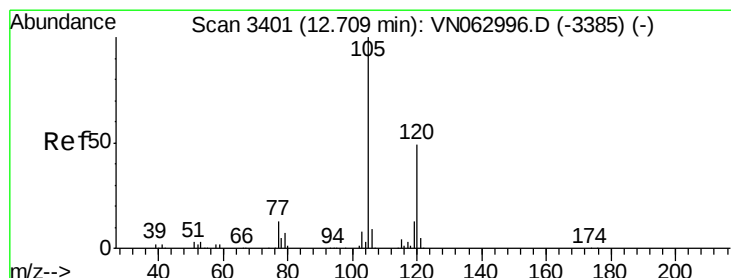
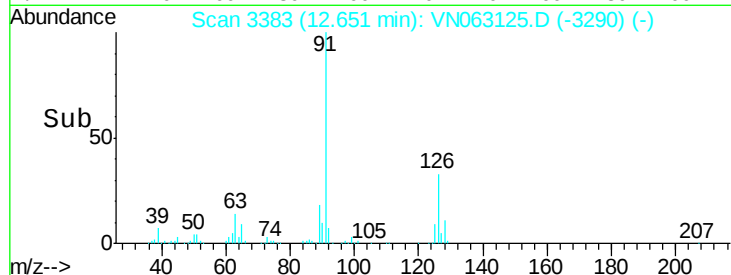
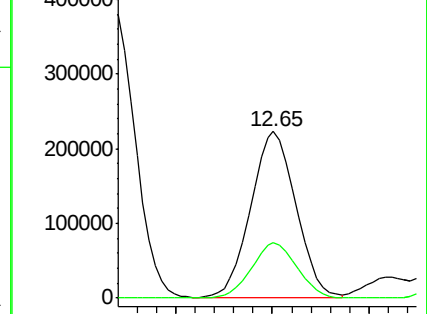
91 100

126 33.8 17.1 51.2



Abundance Ion 91.00 (90.70 to 91.70): VN063125.D (-3383) (-)

Ion 125.90 (125.60 to 126.60): VN063125.D (-3383) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.981 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN063125.D

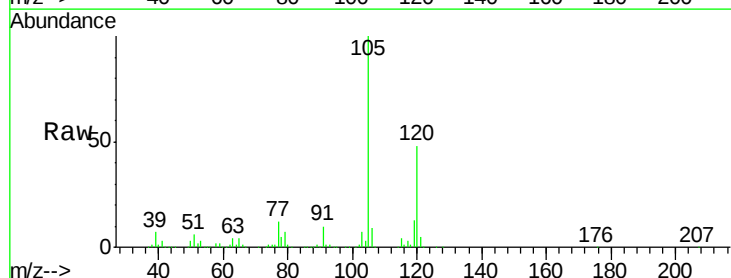
Acq: 25 Aug 2020 20:40

Tgt Ion: 105 Resp: 442420

Ion Ratio Lower Upper

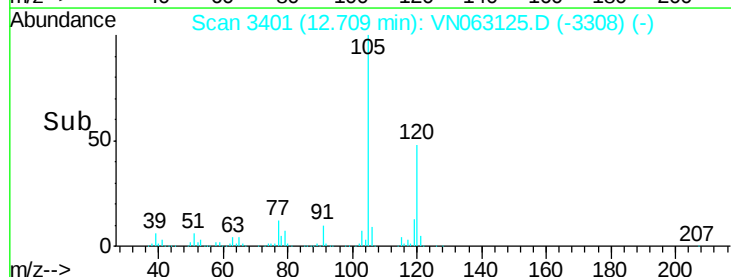
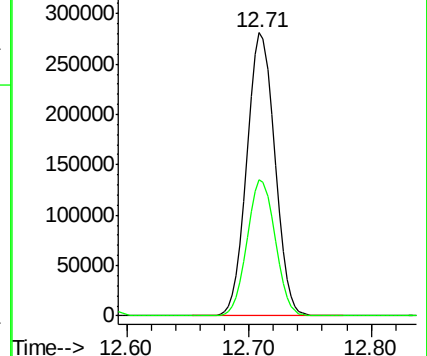
105 100

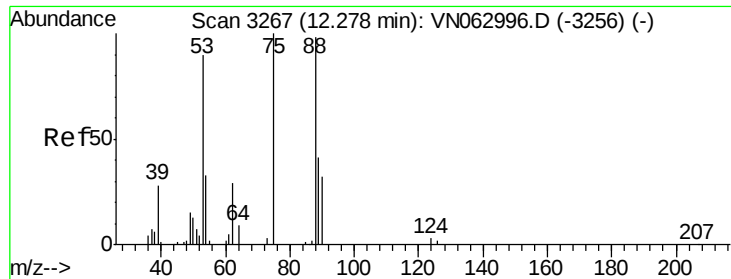
120 48.5 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VN063125.D (-3401) (-)

Ion 120.00 (119.70 to 120.70): VN063125.D (-3401) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 42.972 ug/l

RT: 12.28 min Scan# 3267

Delta R.T. -0.00 min

Lab File: VN063125.D

Acq: 25 Aug 2020 20:40

Instrument :

MSVOA_N

ClientSampled :

VSTDCC050

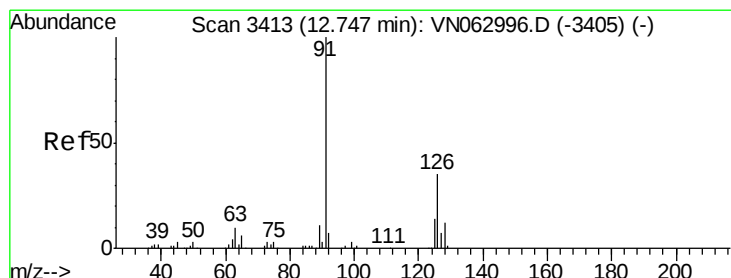
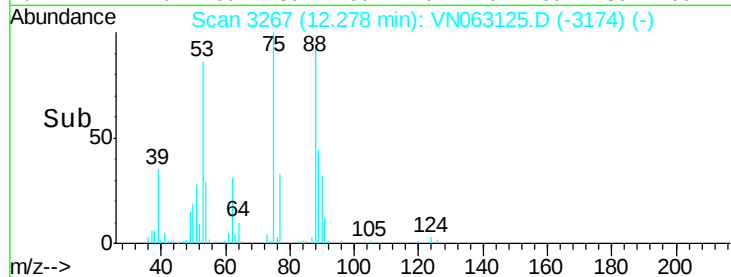
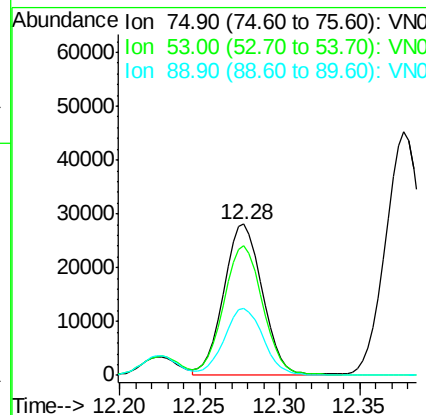
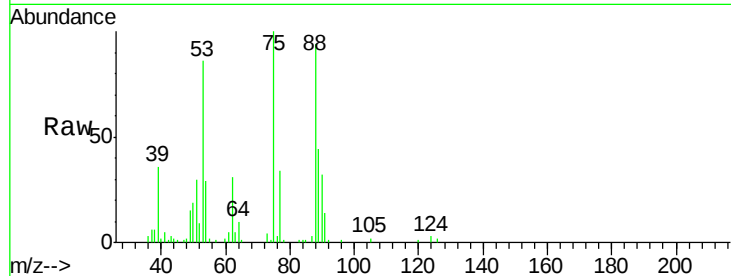
Tot Ion: 75 Resp: 46623

Ion Ratio Lower Upper

75 100

53 86.4 69.2 103.8

89 44.1 34.2 51.4



#82

4-Chlorotoluene

Concen: 49.350 ug/l

RT: 12.75 min Scan# 3414

Delta R.T. 0.00 min

Lab File: VN063125.D

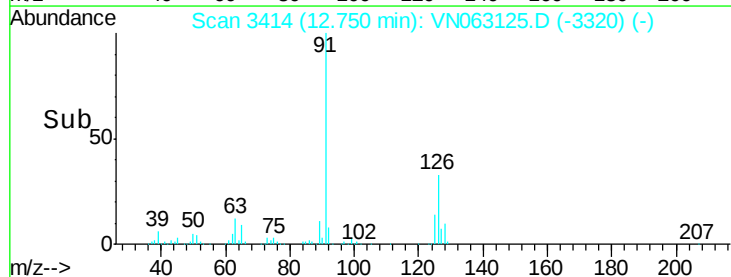
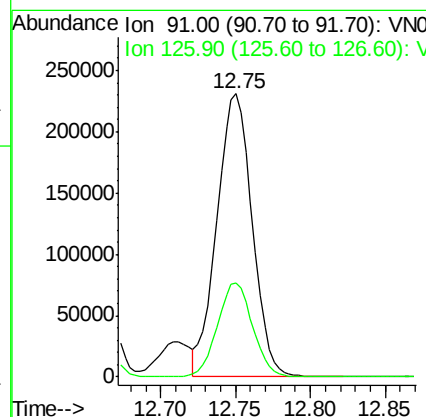
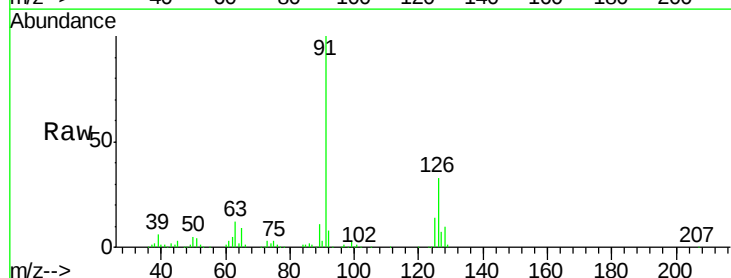
Acq: 25 Aug 2020 20:40

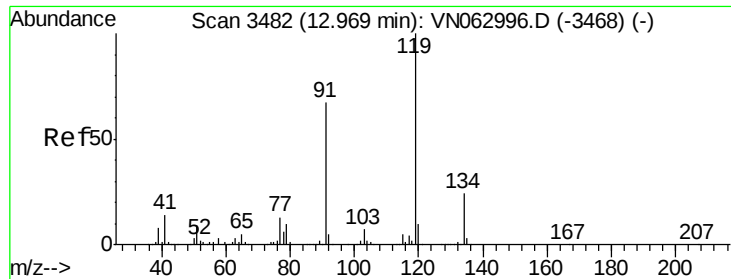
Tgt Ion: 91 Resp: 378207

Ion Ratio Lower Upper

91 100

126 33.2 16.5 49.5

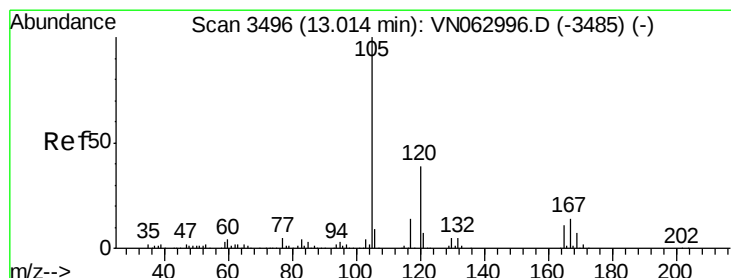
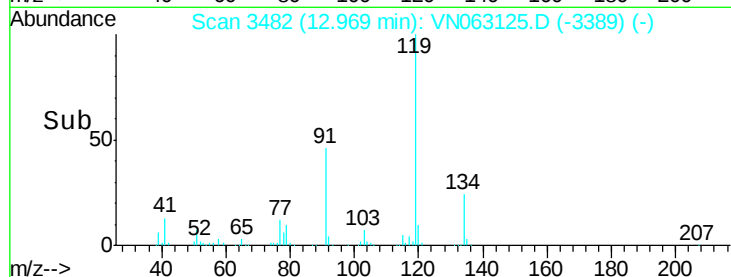
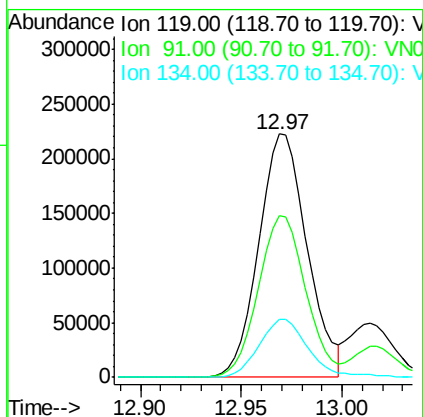
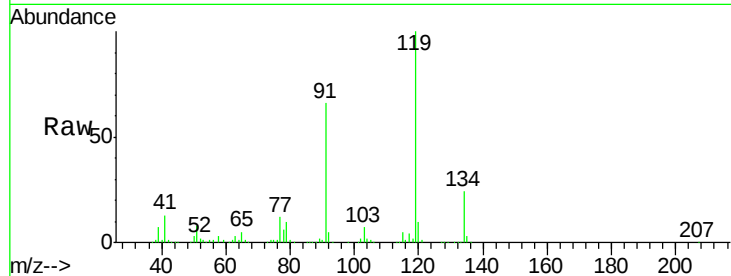




#83
tert-Butylbenzene
Concen: 49.664 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN063125.D
Acq: 25 Aug 2020 20:40

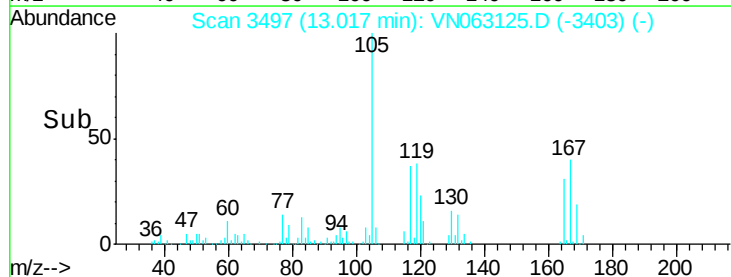
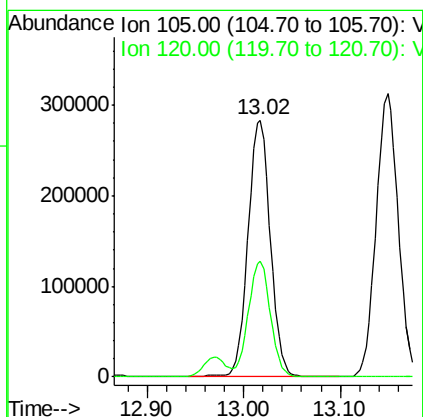
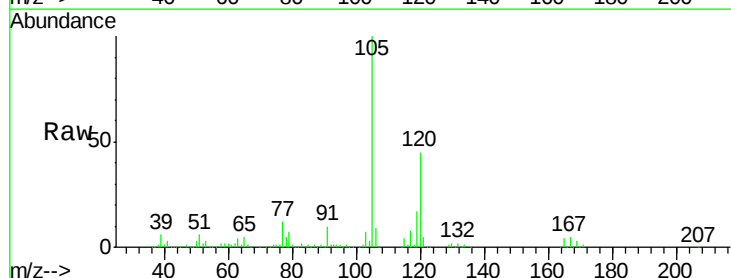
Instrument :
MSVOA_N
ClientSampled :
VSTDCC050

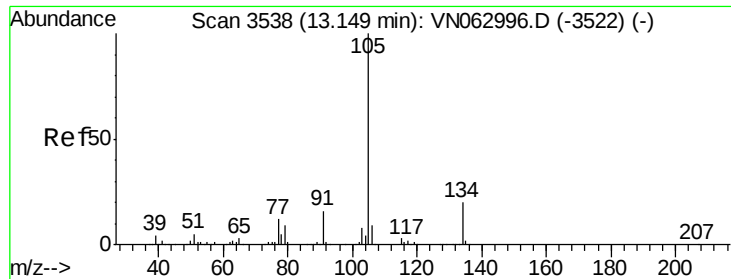
Tot Ion:119 Resp: 371992
Ion Ratio Lower Upper
119 100
91 65.1 32.5 97.4
134 24.5 13.1 39.3



#84
1,2,4-Trimethylbenzene
Concen: 53.734 ug/l
RT: 13.02 min Scan# 3497
Delta R.T. 0.00 min
Lab File: VN063125.D
Acq: 25 Aug 2020 20:40

Tgt Ion:105 Resp: 454283
Ion Ratio Lower Upper
105 100
120 44.6 22.5 67.5

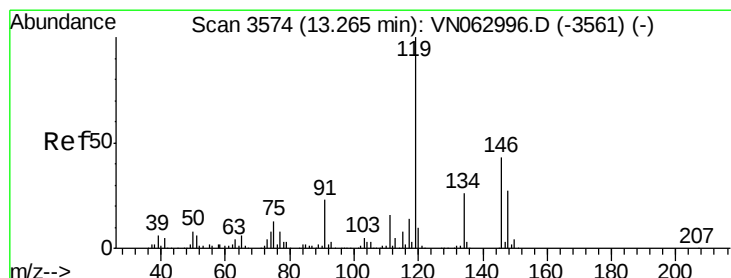
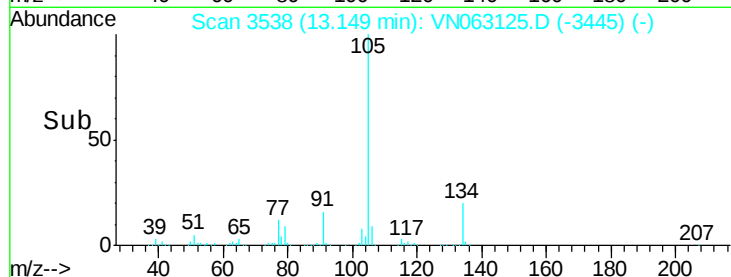
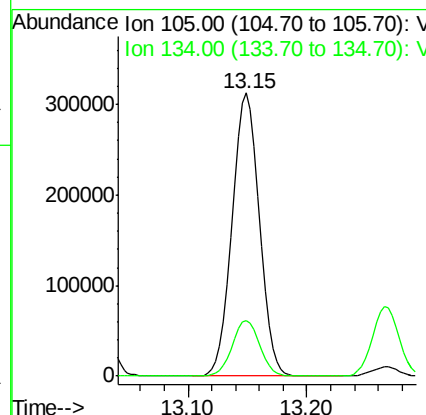
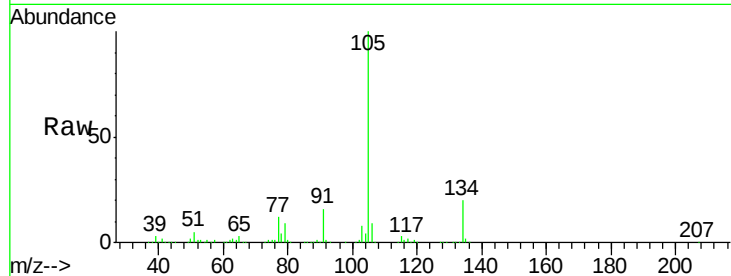




#85
 sec-Butylbenzene
 Concen: 49.026 ug/l
 RT: 13.15 min Scan# 3538
 Delta R.T. -0.00 min
 Lab File: VN063125.D
 Acq: 25 Aug 2020 20:40

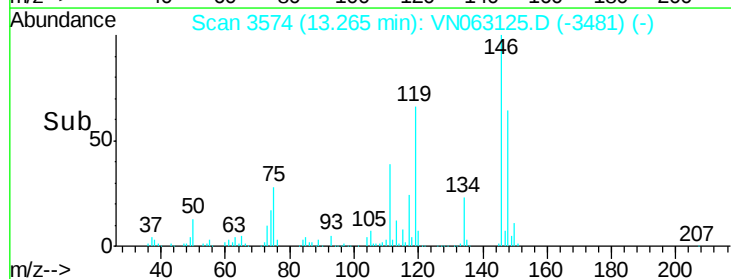
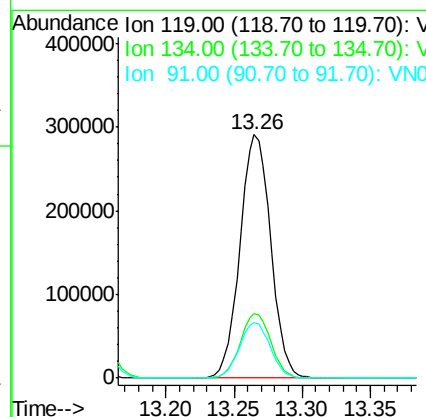
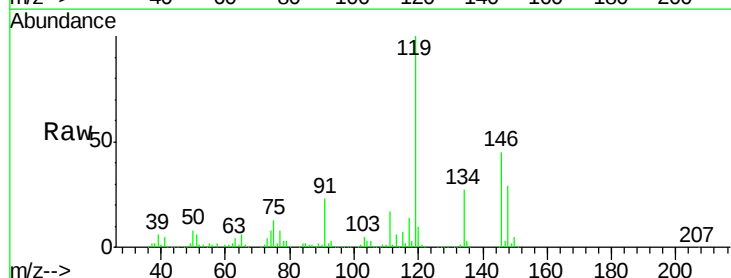
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCC050

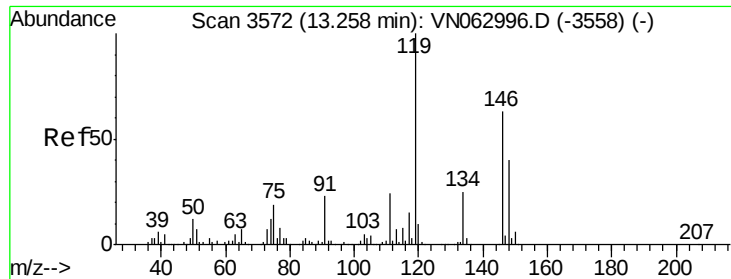
Tot Ion:105 Resp: 496278
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 51.393 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN063125.D
 Acq: 25 Aug 2020 20:40

Tgt Ion:119 Resp: 453306
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.1 39.3
 91 22.9 11.5 34.4

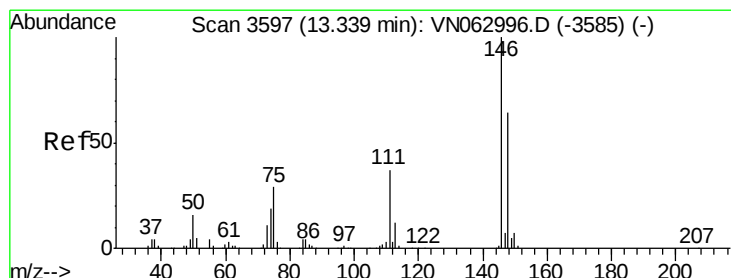
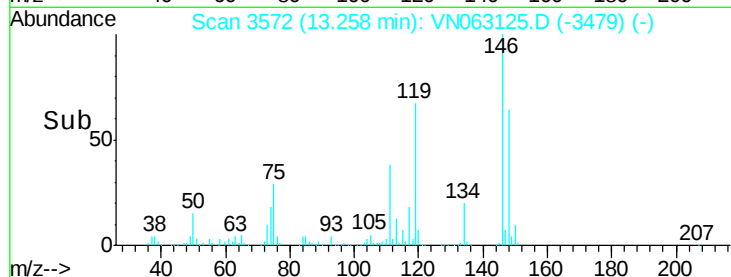
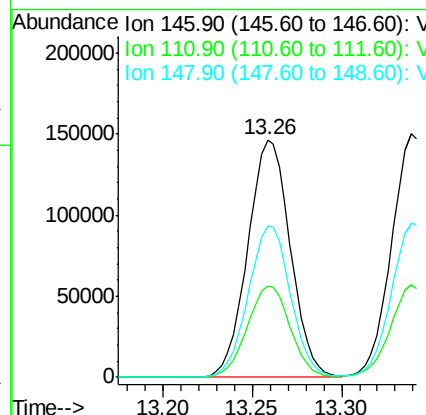
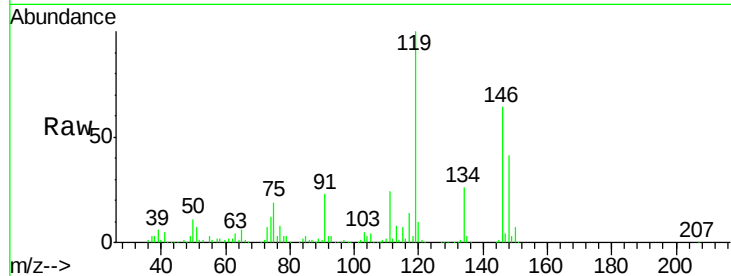




#87
 1,3-Dichlorobenzene
 Concen: 49.012 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN063125.D
 Acq: 25 Aug 2020 20:40

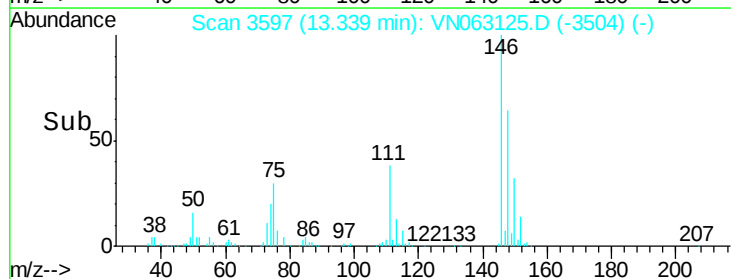
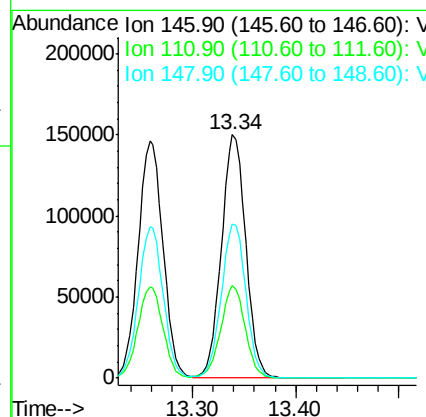
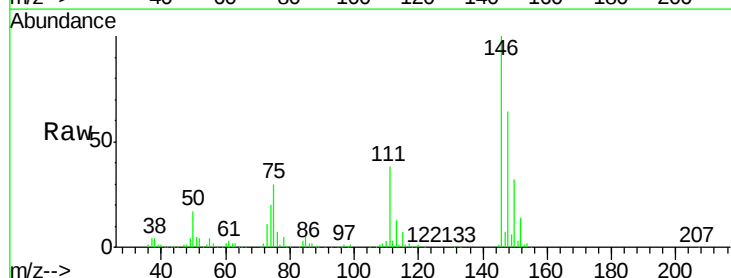
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCC050

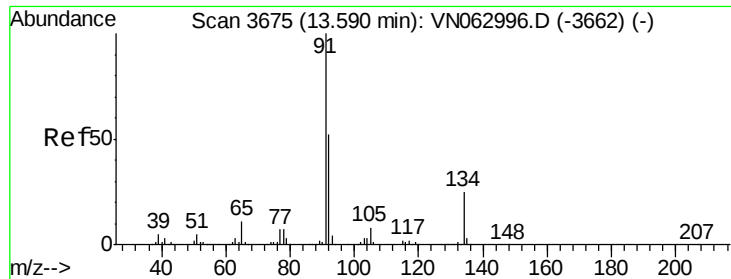
Tot Ion:146 Resp: 243197
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.4 58.1
 148 63.6 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 49.172 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN063125.D
 Acq: 25 Aug 2020 20:40

Tgt Ion:146 Resp: 247646
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.8 56.4
 148 63.5 32.4 97.0

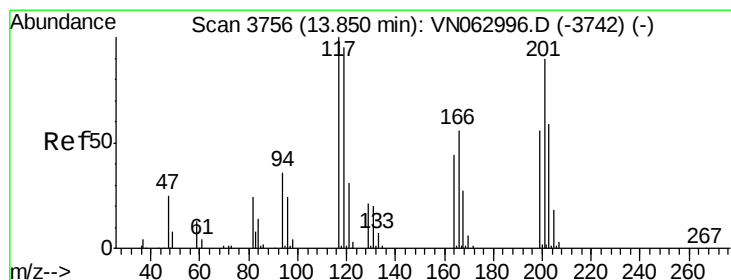
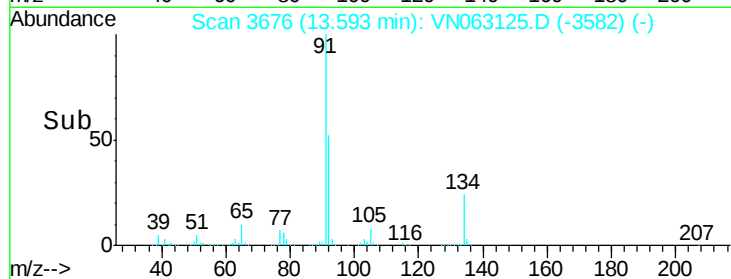
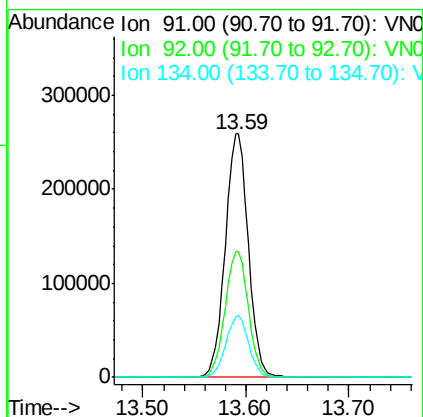
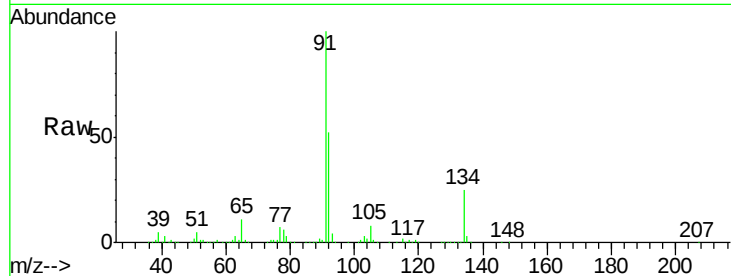




#89
n-Butylbenzene
Concen: 48.418 ug/l
RT: 13.59 min Scan# 3676
Delta R.T. 0.00 min
Lab File: VN063125.D
Acq: 25 Aug 2020 20:40

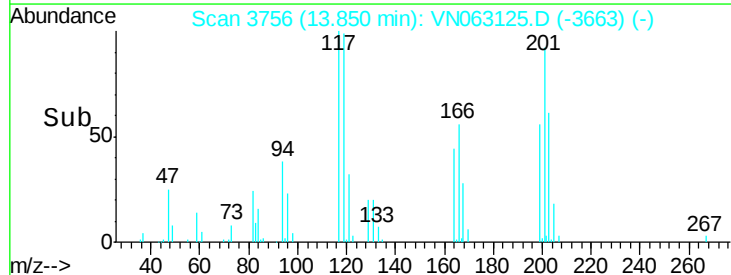
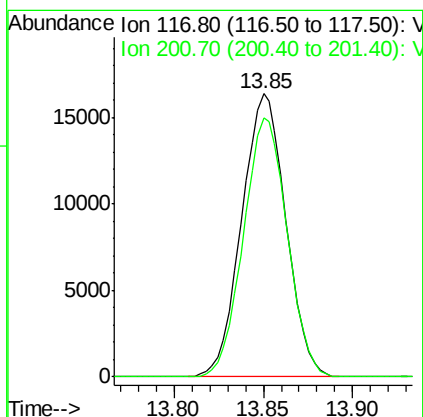
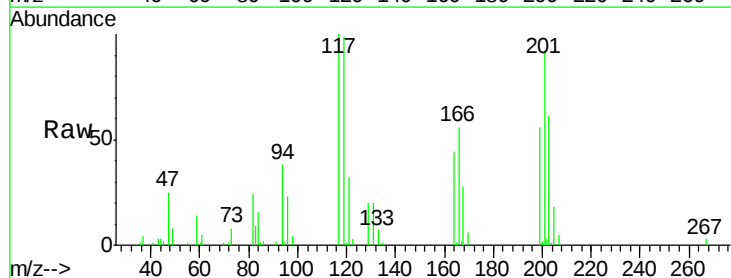
Instrument :
MSVOA_N
ClientSampled :
VSTDCC050

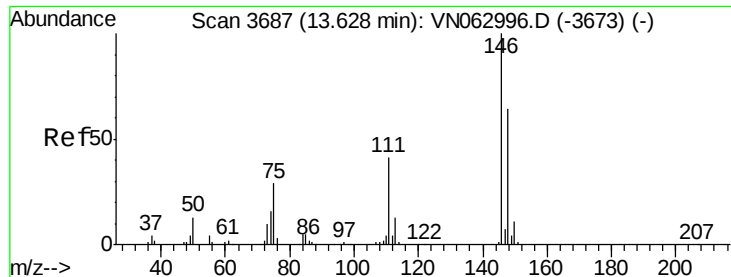
Tot Ion: 91 Resp: 403993
Ion Ratio Lower Upper
91 100
92 52.2 25.9 77.6
134 25.0 12.4 37.0



#90
Hexachloroethane
Concen: 15.111 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN063125.D
Acq: 25 Aug 2020 20:40

Tgt Ion: 117 Resp: 28330
Ion Ratio Lower Upper
117 100
201 90.5 44.1 132.4

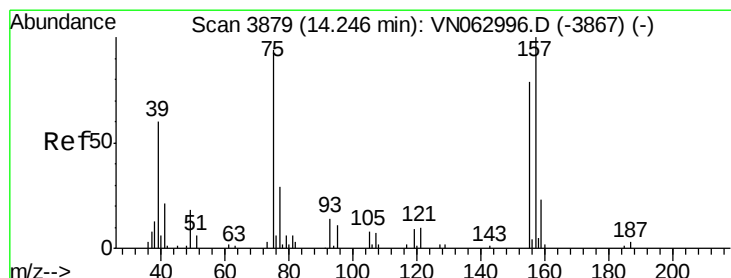
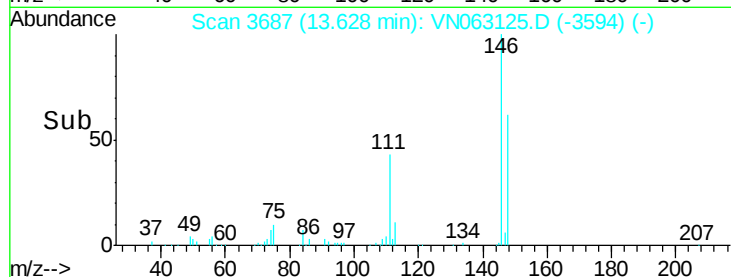
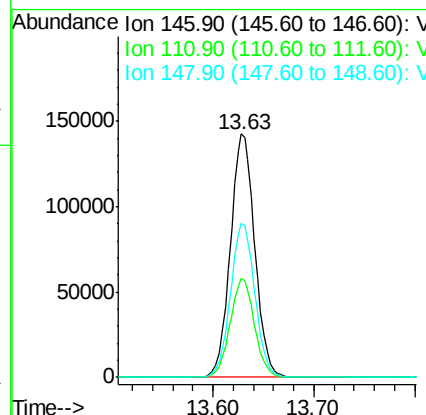
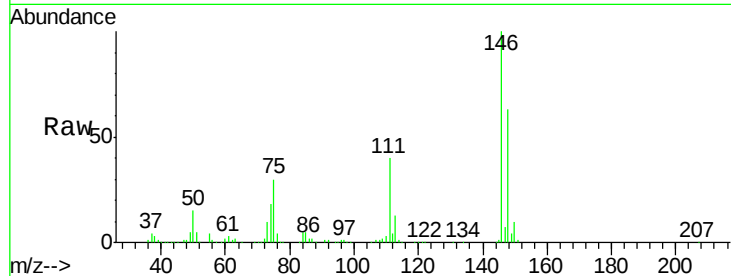




#91
 1,2-Dichlorobenzene
 Concen: 50.202 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN063125.D
 Acq: 25 Aug 2020 20:40

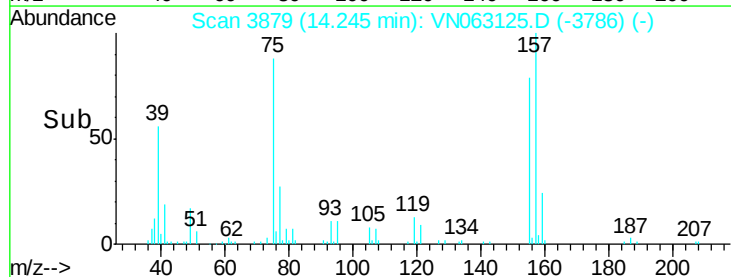
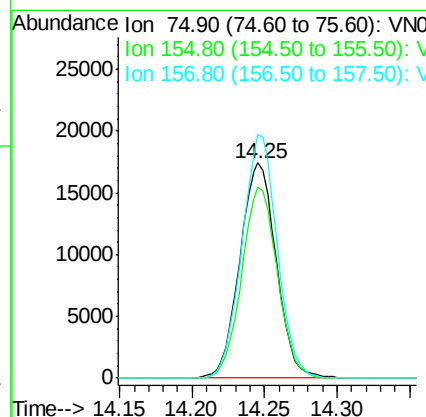
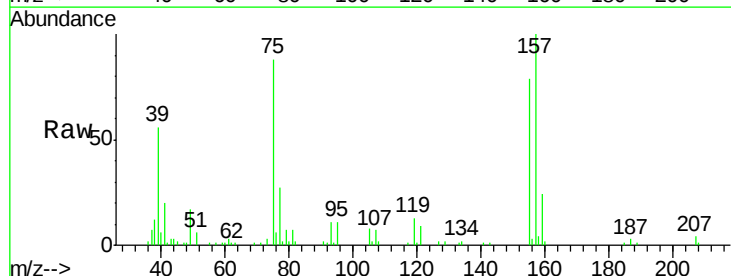
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCC050

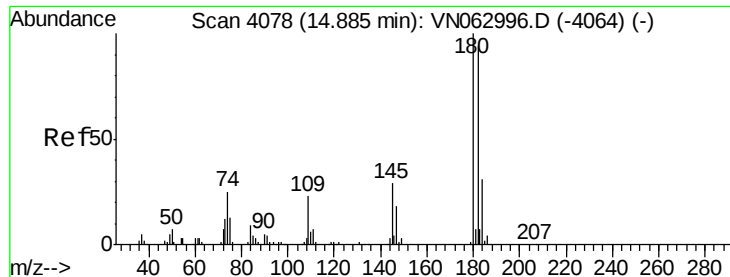
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.2	60.5
148	63.4	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 57.397 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN063125.D
 Acq: 25 Aug 2020 20:40

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.8	42.4	127.1
157	109.8	55.2	165.6

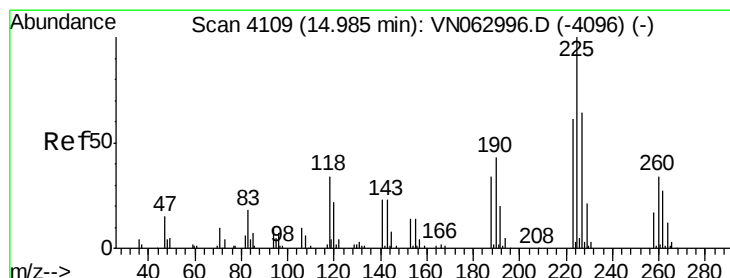
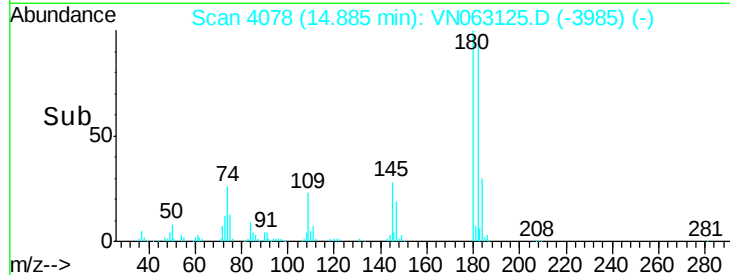
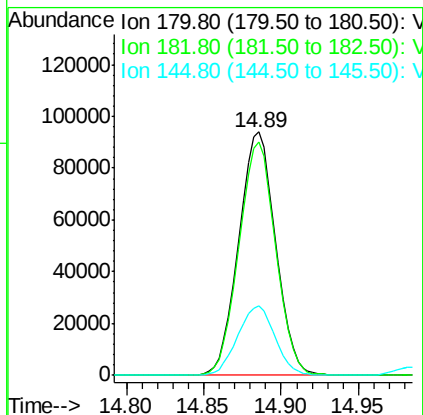
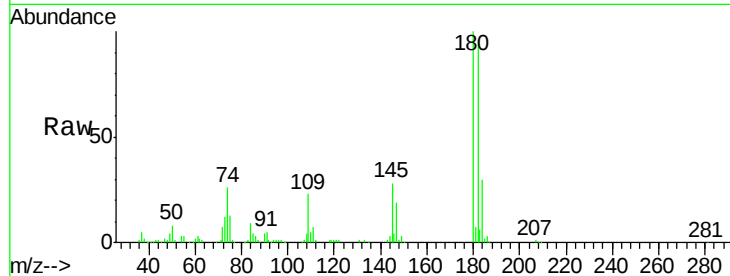




#93
 1,2,4-Trichlorobenzene
 Concen: 57.824 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN063125.D
 Acq: 25 Aug 2020 20:40

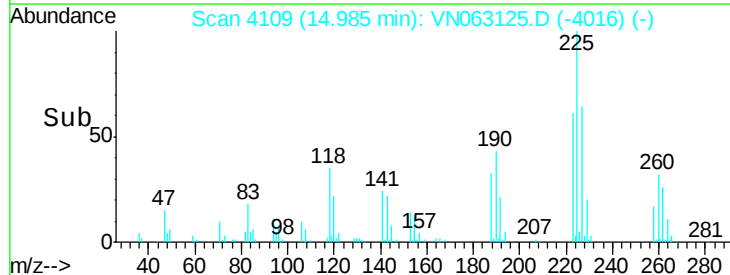
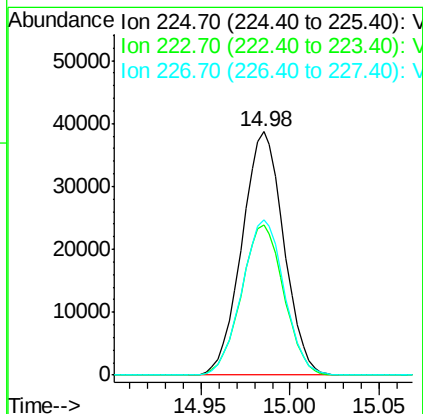
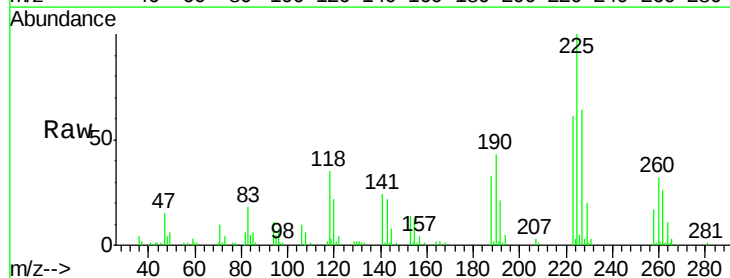
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCC050

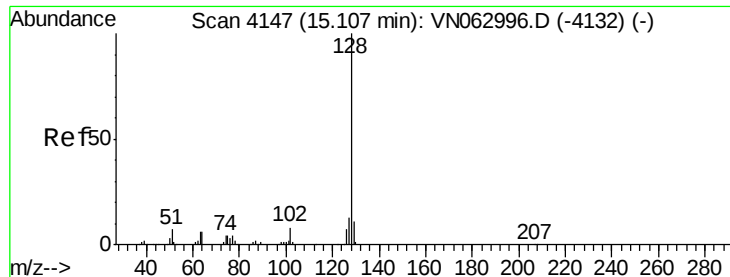
Tot Ion:180 Resp: 155708
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.0 141.2
 145 28.9 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 35.760 ug/l
 RT: 14.98 min Scan# 4109
 Delta R.T. -0.00 min
 Lab File: VN063125.D
 Acq: 25 Aug 2020 20:40

Tgt Ion:225 Resp: 63337
 Ion Ratio Lower Upper
 225 100
 223 62.4 30.9 92.5
 227 64.4 31.9 95.9

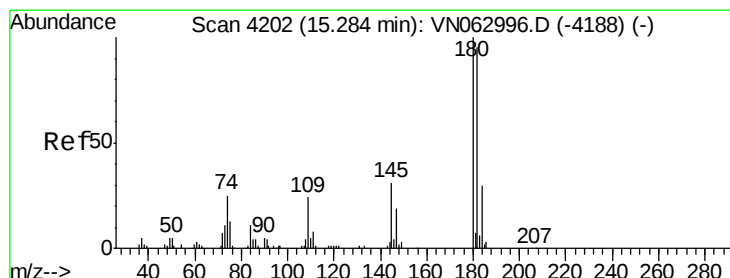
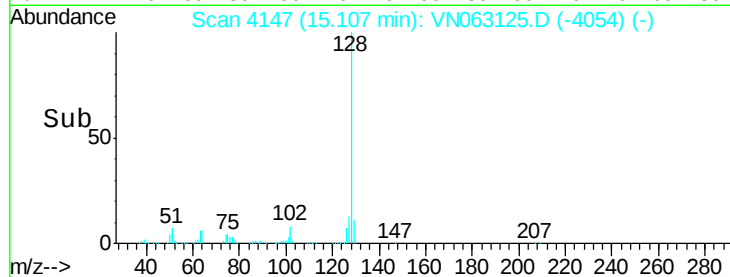
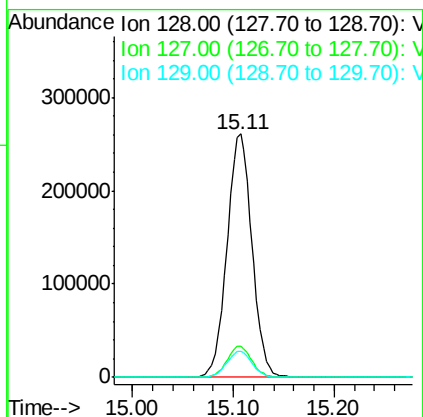
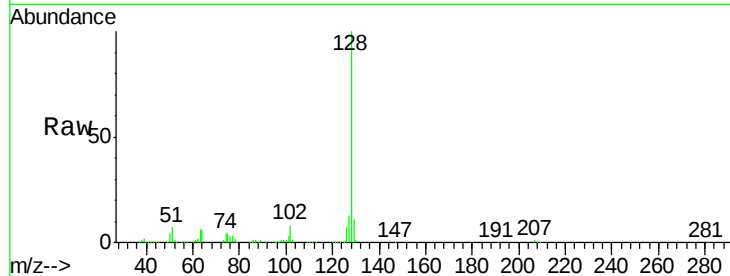




#95
Naphthalene
Concen: 70.791 ug/l
RT: 15.11 min Scan# 4147
Delta R.T. 0.00 min
Lab File: VN063125.D
Acq: 25 Aug 2020 20:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCC050

Tot Ion:128 Resp: 449176
Ion Ratio Lower Upper
128 100
127 12.7 10.6 16.0
129 10.8 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 57.474 ug/l
RT: 15.29 min Scan# 4203
Delta R.T. 0.00 min
Lab File: VN063125.D
Acq: 25 Aug 2020 20:40

Tgt Ion:180 Resp: 151368
Ion Ratio Lower Upper
180 100
182 95.3 47.3 141.9
145 30.4 15.6 46.7

