

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082420\NOT REVIEWED DATA\
 Data File : VN063087.D
 Acq On : 24 Aug 2020 11:43
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 24 14:05:07 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	197681	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	286656	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	277421	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	136383	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	115389	49.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.50%	
35) Dibromofluoromethane	7.55	113	95293	51.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.04%	
50) Toluene-d8	10.06	98	367679	51.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.50%	
62) 4-Bromofluorobenzene	12.37	95	130393	51.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.00%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	123723	47.917	ug/l	99
3) Chloromethane	2.03	50	130434	48.122	ug/l	100
4) Vinyl Chloride	2.16	62	128599	49.060	ug/l	98
5) Bromomethane	2.52	94	77359	49.721	ug/l	99
6) Chloroethane	2.66	64	76791	49.618	ug/l	98
7) Trichlorofluoromethane	2.98	101	157518	48.187	ug/l	99
8) Diethyl Ether	3.37	74	53688	46.426	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	80473	45.686	ug/l	98
10) Methyl Iodide	3.91	142	104080	46.616	ug/l	100
11) Tert butyl alcohol	4.73	59	53920	162.478	ug/l	100
12) 1,1-Dichloroethene	3.69	96	70902	42.254	ug/l	96
13) Acrolein	3.57	56	6580	63.292	ug/l	98
14) Allyl chloride	4.27	41	131807	44.550	ug/l	98
15) Acrylonitrile	4.93	53	237318	243.303	ug/l	100
16) Acetone	3.77	43	223412	306.681	ug/l	98
17) Carbon Disulfide	4.00	76	182027	41.421	ug/l	97
18) Methyl Acetate	4.28	43	111167	47.746	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	294777	50.373	ug/l	98
20) Methylene Chloride	4.50	84	96061	46.409	ug/l	100
21) trans-1,2-Dichloroethene	4.99	96	79471	45.256	ug/l	98
22) Diisopropyl ether	5.90	45	336131	50.065	ug/l	97
23) Vinyl Acetate	5.84	43	1085668	239.631	ug/l	100
24) 1,1-Dichloroethane	5.80	63	174151	46.419	ug/l	99
25) 2-Butanone	6.78	43	302366	243.090	ug/l	98
26) 2,2-Dichloropropane	6.77	77	142828	48.408	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	101857	46.277	ug/l	99
28) Bromochloromethane	7.15	49	97007	49.417	ug/l	99
29) Tetrahydrofuran	7.17	42	187757	233.884	ug/l	99
30) Chloroform	7.33	83	176738	46.775	ug/l	99
31) Cyclohexane	7.61	56	151938	44.001	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	143462	46.507	ug/l	98
36) 1,1-Dichloropropene	7.75	75	118919	47.075	ug/l	99
37) Ethyl Acetate	6.88	43	110335	46.613	ug/l	99
38) Carbon Tetrachloride	7.73	117	120598	47.287	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.05	83	142255	41.969	ug/l	99
40) Benzene	8.00	78	379737	47.395	ug/l	100
41) Methacrylonitrile	7.12	41	56534	50.129	ug/l #	94
42) 1,2-Dichloroethane	8.08	62	133067	49.463	ug/l	100
43) Isopropyl Acetate	8.12	43	188258	48.007	ug/l	99
44) Trichloroethene	8.80	130	93596	46.963	ug/l	96
45) 1,2-Dichloropropane	9.08	63	112383	48.525	ug/l	97
46) Dibromomethane	9.17	93	66706	49.858	ug/l	99
47) Bromodichloromethane	9.37	83	145354	49.603	ug/l	99
48) Methyl methacrylate	9.17	41	93097	50.175	ug/l	99
49) 1,4-Dioxane	9.17	88	22103	548.360	ug/l #	93
51) 4-Methyl-2-Pentanone	9.95	43	619083	249.760	ug/l	100
52) Toluene	10.12	92	239716	49.598	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	157180	51.869	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	171774	51.673	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	103120	49.898	ug/l	100
56) Ethyl methacrylate	10.40	69	147375	46.306	ug/l	100
57) 1,3-Dichloropropane	10.68	76	170487	49.680	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	162561	211.466	ug/l	99
59) 2-Hexanone	10.72	43	445162	257.473	ug/l	99
60) Dibromochloromethane	10.87	129	114537	50.081	ug/l	99
61) 1,2-Dibromoethane	10.98	107	101805	51.268	ug/l	98
64) Tetrachloroethene	10.60	164	83900	46.008	ug/l	97
65) Chlorobenzene	11.41	112	267242	47.965	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	104915	48.412	ug/l	99
67) Ethyl Benzene	11.48	91	465170	49.410	ug/l	100
68) m/p-Xylenes	11.60	106	357298	102.113	ug/l	99
69) o-Xylene	11.92	106	169962	50.583	ug/l	100
70) Styrene	11.94	104	307171	46.218	ug/l	100
71) Bromoform	12.10	173	86109	49.919	ug/l #	100
73) Isopropylbenzene	12.22	105	456007	48.825	ug/l	100
74) N-amyl acetate	12.05	43	173289	51.806	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	151349	50.227	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	187043	70.556	ug/l #	100
77) Bromobenzene	12.50	156	124449	48.449	ug/l	98
78) n-propylbenzene	12.57	91	530414	49.826	ug/l	100
79) 2-Chlorotoluene	12.65	91	316300	47.238	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	385542	49.937	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	50203	52.011	ug/l	99
82) 4-Chlorotoluene	12.75	91	339820	49.841	ug/l	100
83) tert-Butylbenzene	12.97	119	322068	48.332	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	377949	50.250	ug/l	98
85) sec-Butylbenzene	13.15	105	421303	46.781	ug/l	100
86) p-Isopropyltoluene	13.26	119	375367	47.836	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	216004	48.931	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	216754	48.377	ug/l	99
89) n-Butylbenzene	13.59	91	292705	39.946	ug/l	99
90) Hexachloroethane	13.85	117	73226	43.904	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	209156	49.050	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	24527	52.145	ug/l	99

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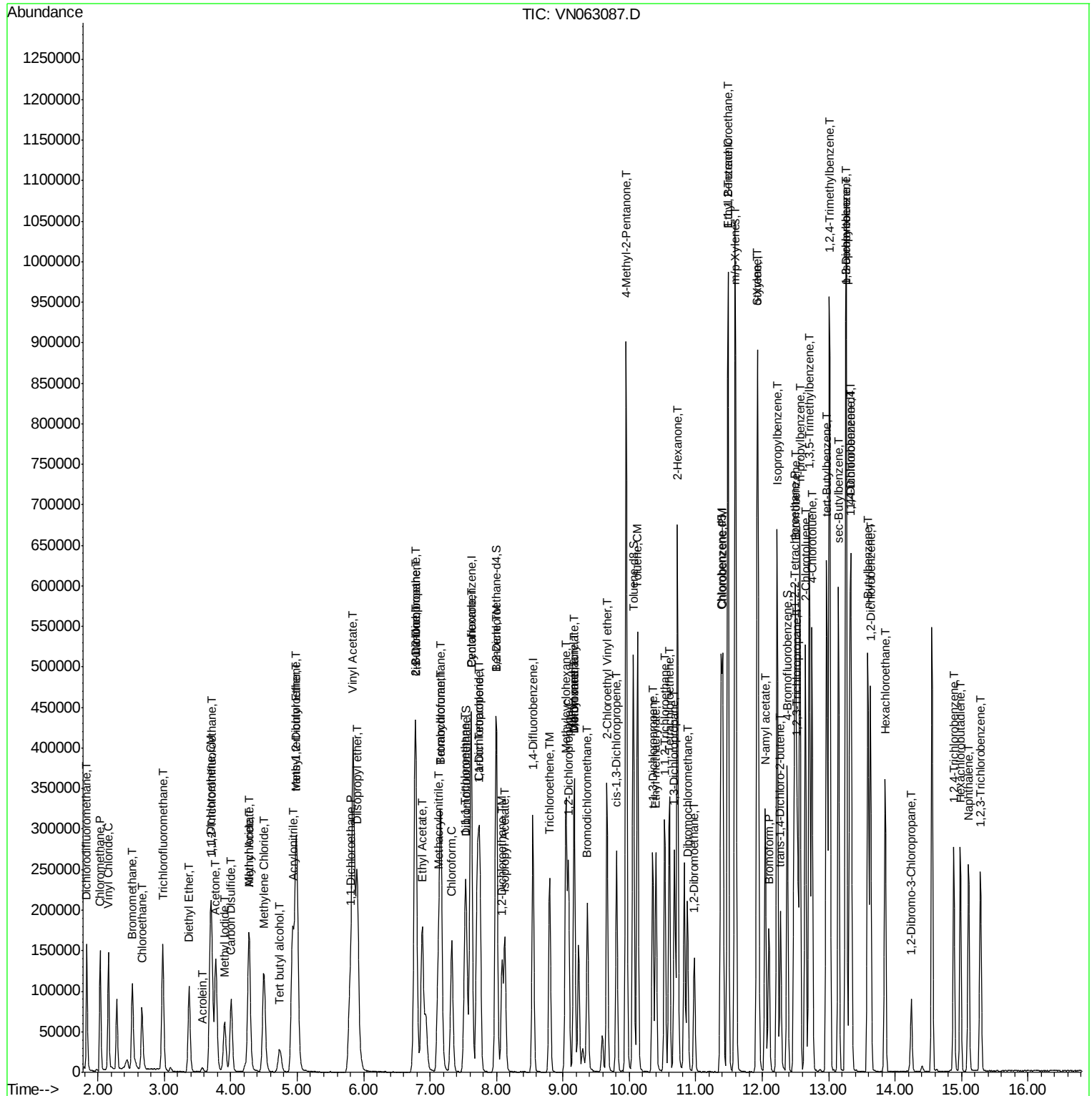
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	96570	41.687	ug/l	99
94) Hexachlorobutadiene	14.98	225	59181	37.559	ug/l	100
95) Naphthalene	15.10	128	226145	42.511	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	92080	40.553	ug/l	100

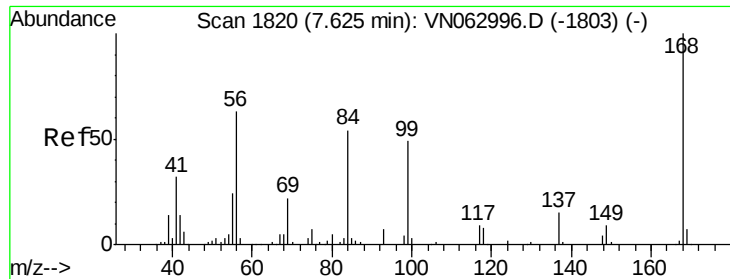
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN063087.D

Acq: 24 Aug 2020 11:43

Instrument :

MSVOA_N

ClientSampleId :

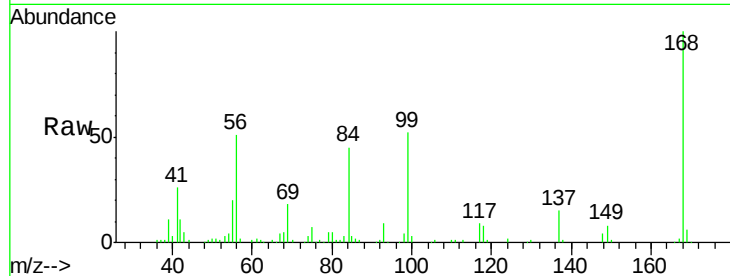
VSTDCCC050

Tgt Ion:168 Resp: 197681

Ion Ratio Lower Upper

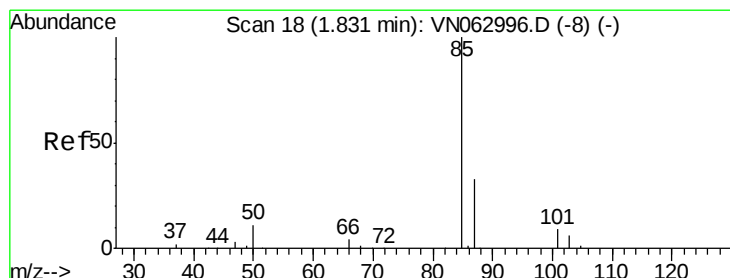
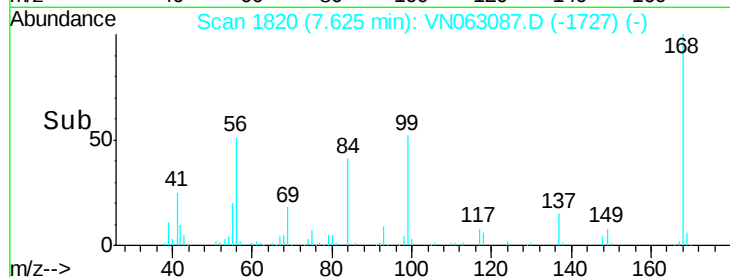
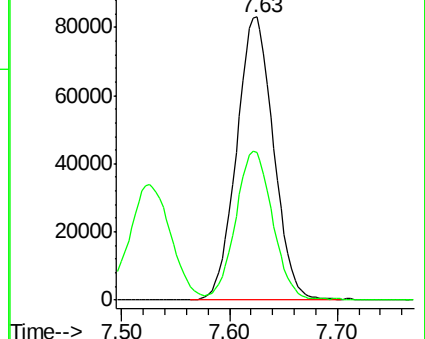
168 100

99 51.9 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: 47.917 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN063087.D

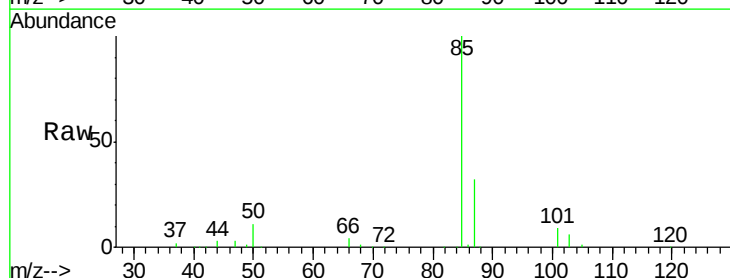
Acq: 24 Aug 2020 11:43

Tgt Ion: 85 Resp: 123723

Ion Ratio Lower Upper

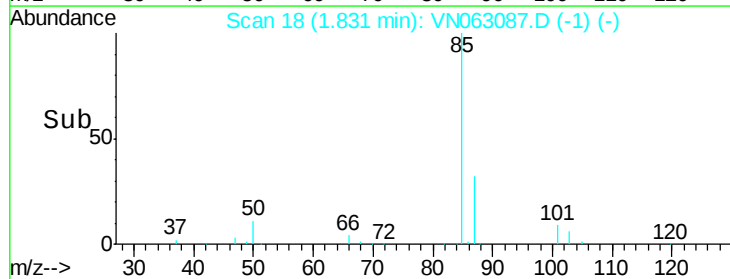
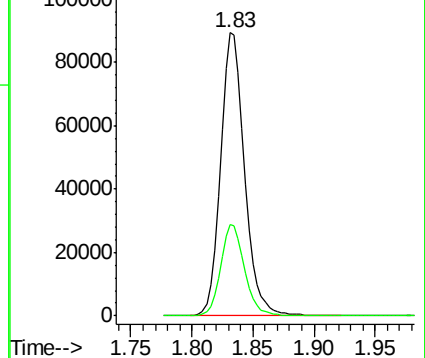
85 100

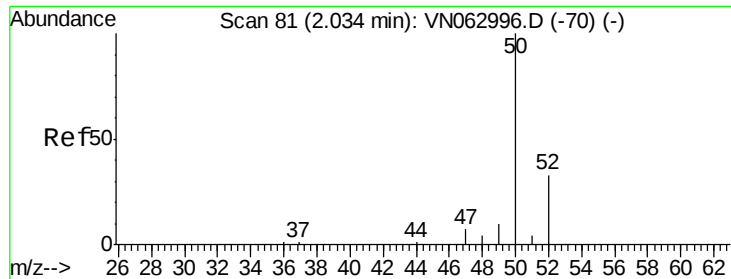
87 32.4 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 48.122 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN063087.D

Acq: 24 Aug 2020 11:43

Instrument :

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ClientSampleId :

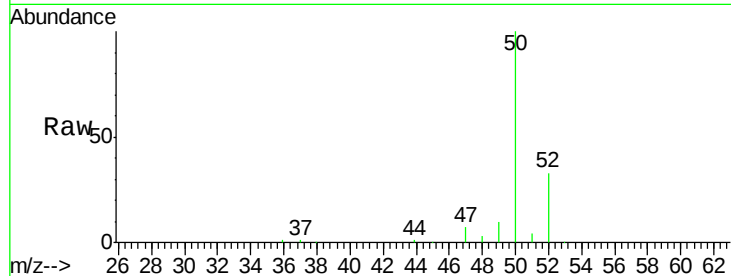
VSTDCCC050

Tgt Ion: 50 Resp: 130434

Ion Ratio Lower Upper

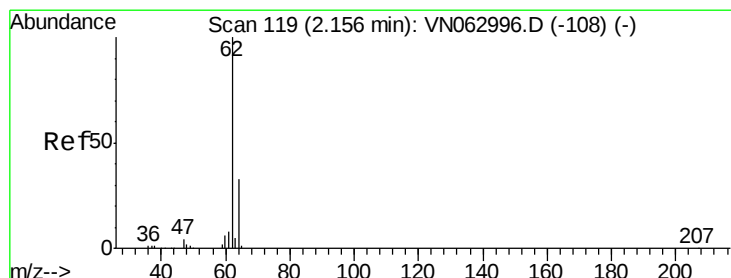
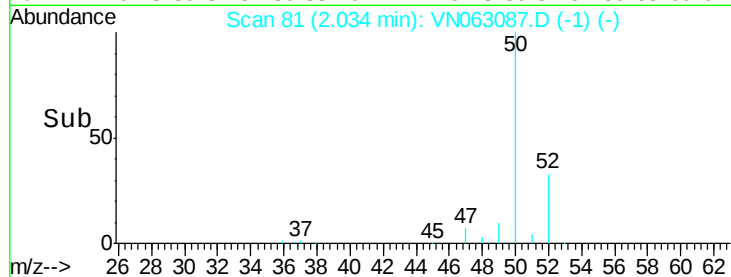
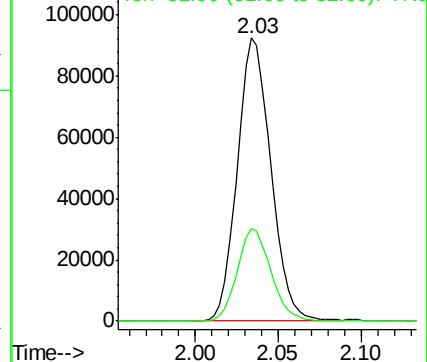
50 100

52 32.7 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 49.060 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN063087.D

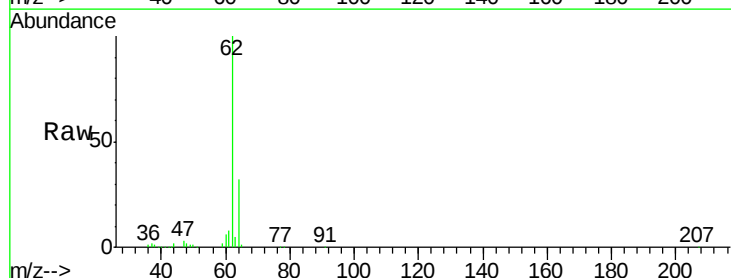
Acq: 24 Aug 2020 11:43

Tgt Ion: 62 Resp: 128599

Ion Ratio Lower Upper

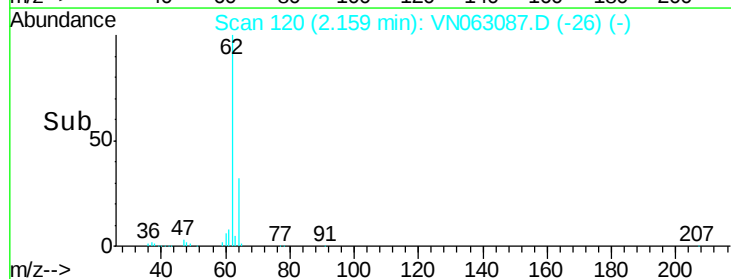
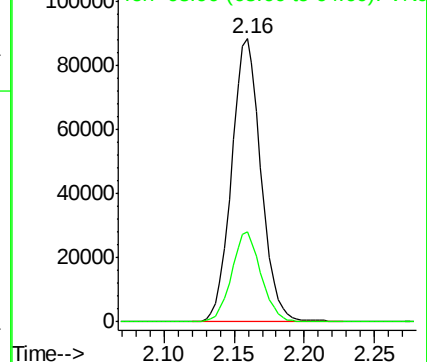
62 100

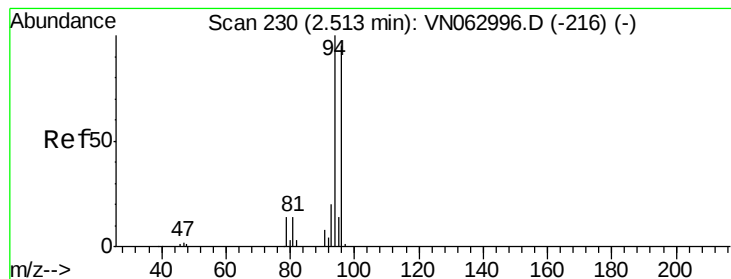
64 31.6 26.2 39.2



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 49.721 ug/l

RT: 2.52 min Scan# 232

Delta R.T. 0.01 min

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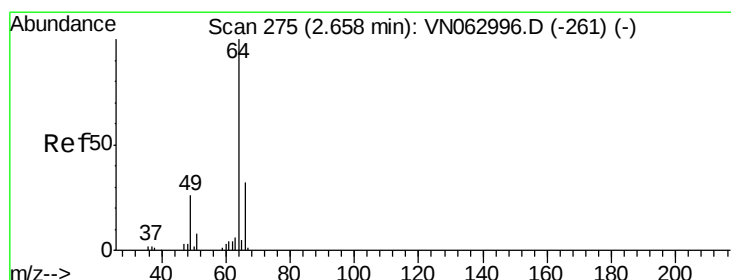
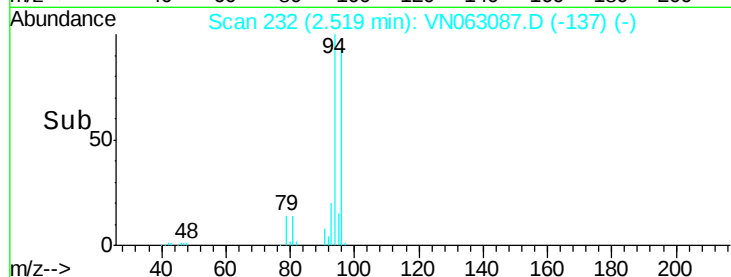
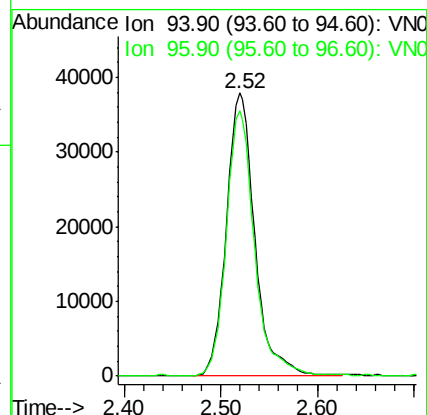
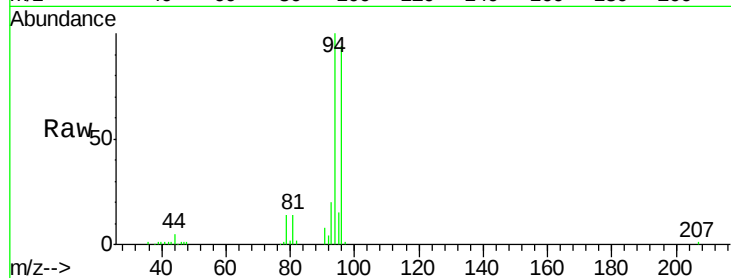
VSTDCCC050

Tgt Ion: 94 Resp: 77359

Ion Ratio Lower Upper

94 100

96 93.9 75.8 113.8



#6

Chloroethane

Concen: 49.618 ug/l

RT: 2.66 min Scan# 277

Delta R.T. 0.01 min

Lab File: VN063087.D

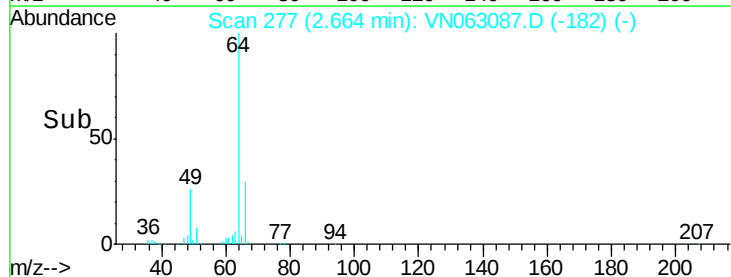
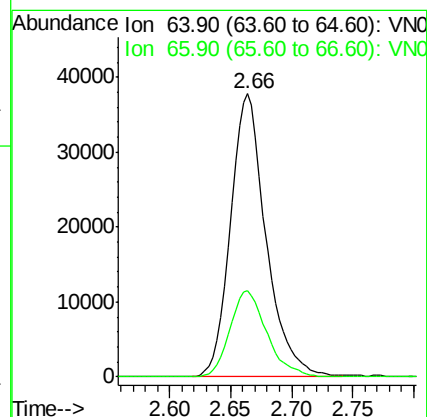
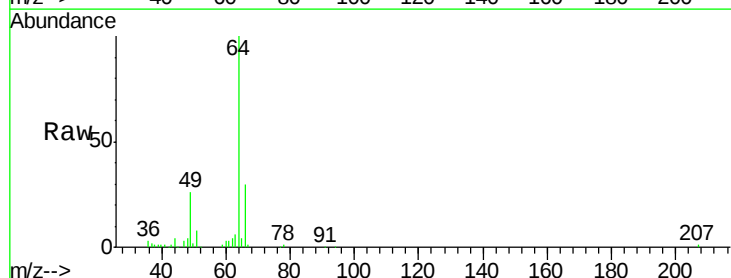
Acq: 24 Aug 2020 11:43

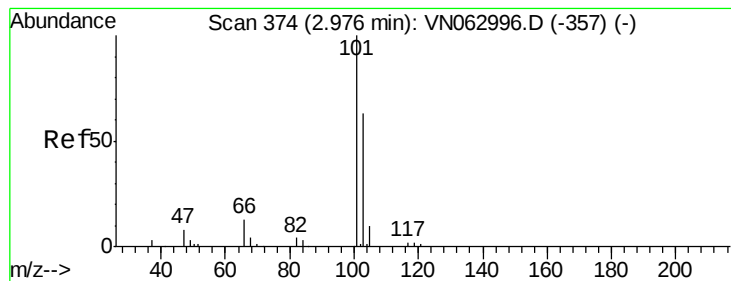
Tgt Ion: 64 Resp: 76791

Ion Ratio Lower Upper

64 100

66 30.4 25.4 38.0



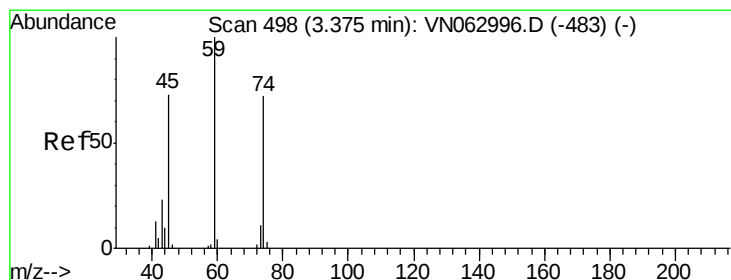
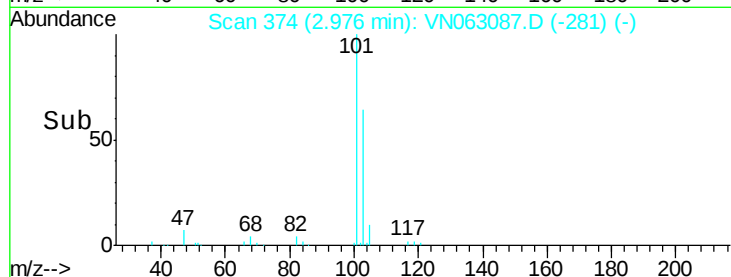
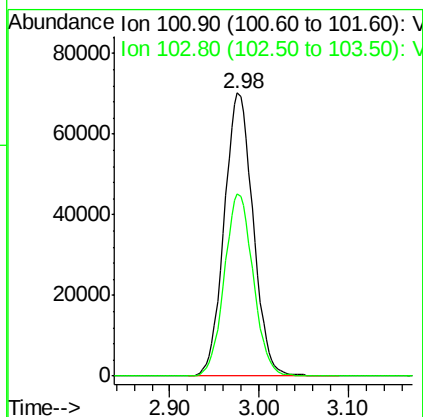
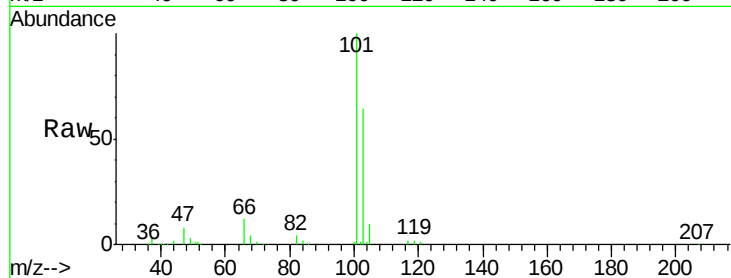


#7

Trichlorofluoromethane
 Concen: 48.187 ug/l
 RT: 2.98 min Scan# 374
 Delta R.T. -0.00 min
 Lab File: VN063087.D
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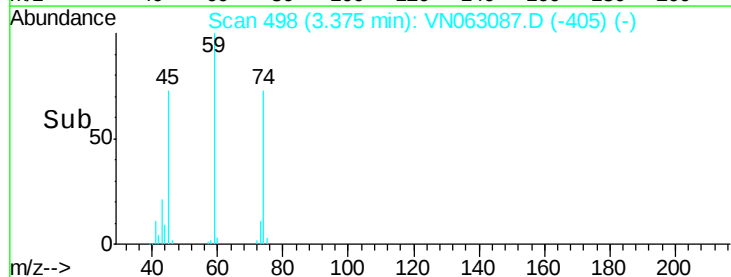
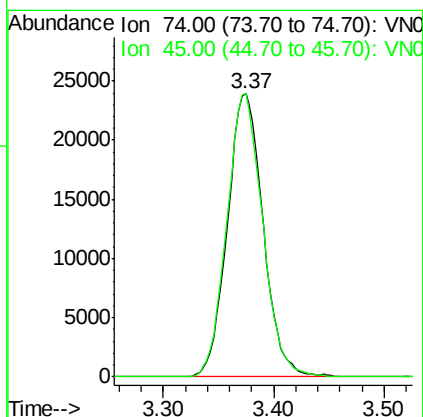
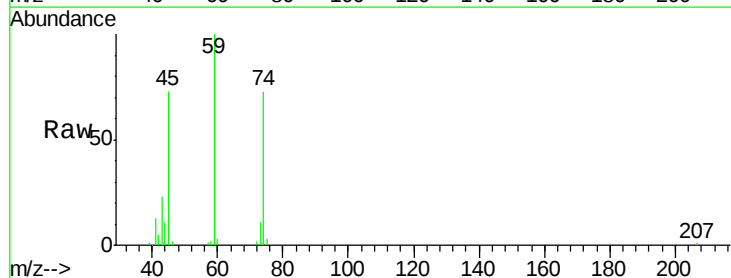
Tgt Ion:101 Resp: 157518
 Ion Ratio Lower Upper
 101 100
 103 64.3 50.5 75.7

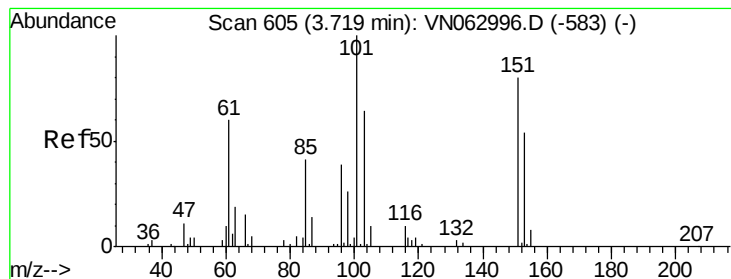


#8

Diethyl Ether
 Concen: 46.426 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. -0.00 min
 Lab File: VN063087.D
 Acq: 24 Aug 2020 11:43

Tgt Ion: 74 Resp: 53688
 Ion Ratio Lower Upper
 74 100
 45 100.1 49.9 149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.686 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN063087.D

Acq: 24 Aug 2020 11:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

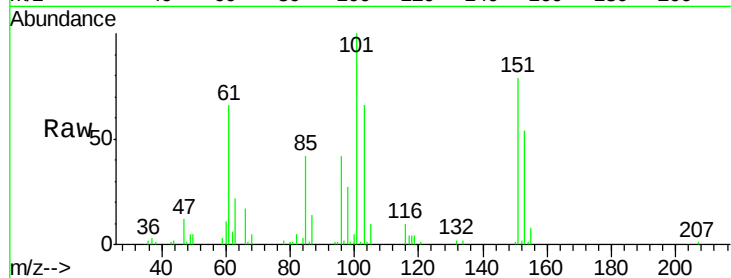
Tgt Ion:101 Resp: 80473

Ion Ratio Lower Upper

101 100

85 42.8 34.0 51.0

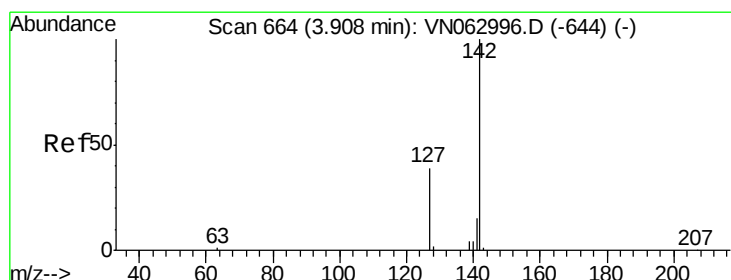
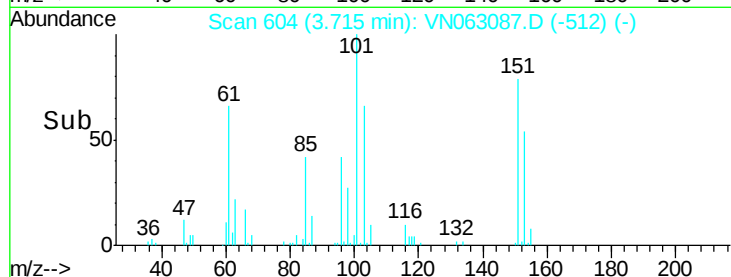
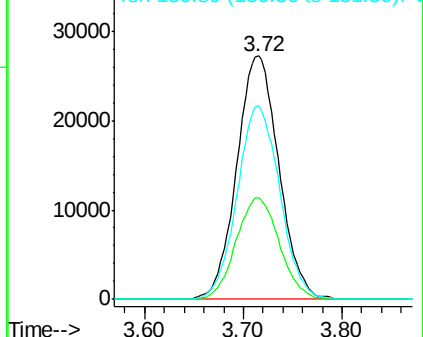
151 80.3 65.8 98.8



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: 46.616 ug/l

RT: 3.91 min Scan# 664

Delta R.T. 0.00 min

Lab File: VN063087.D

Acq: 24 Aug 2020 11:43

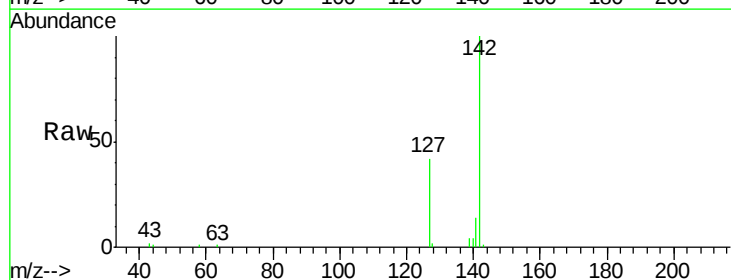
Tgt Ion:142 Resp: 104080

Ion Ratio Lower Upper

142 100

127 40.3 32.2 48.4

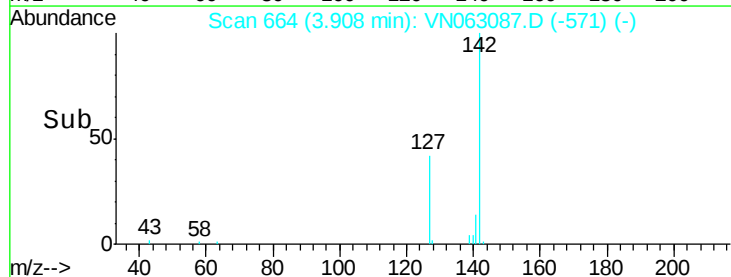
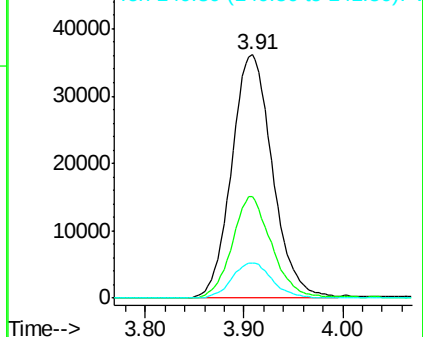
141 14.1 11.3 16.9

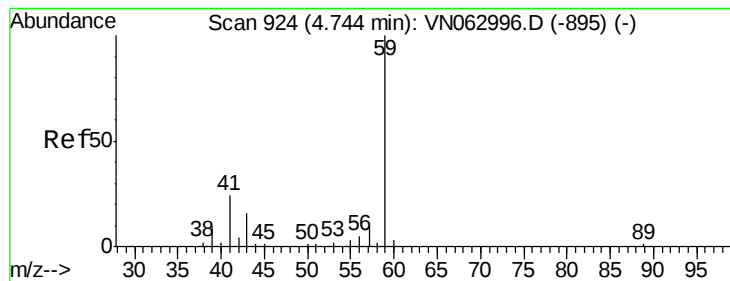


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



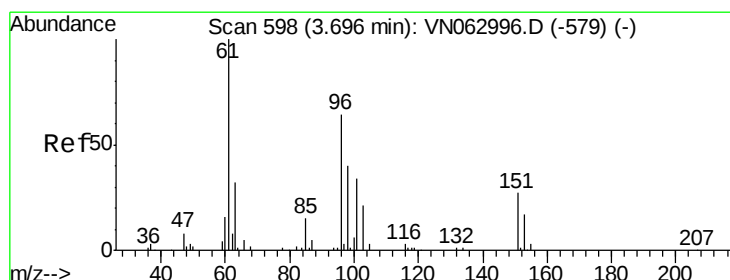
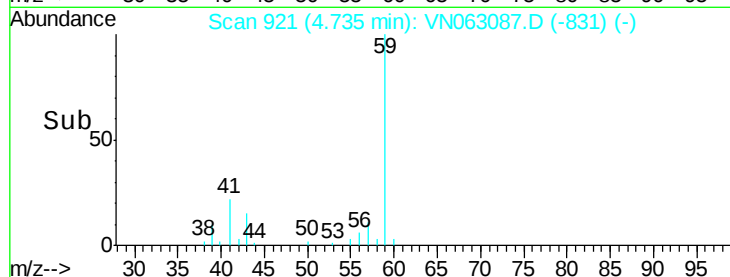
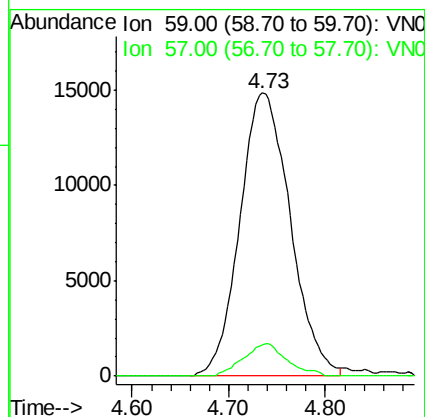
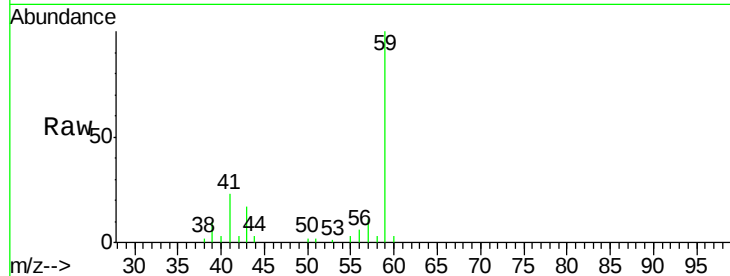


#11

Tert butyl alcohol
 Concen: 162.478 ug/l
 RT: 4.73 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: VN063087.D
 Acq: 24 Aug 2020 11:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

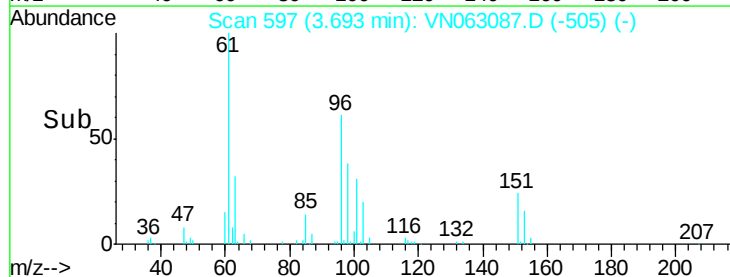
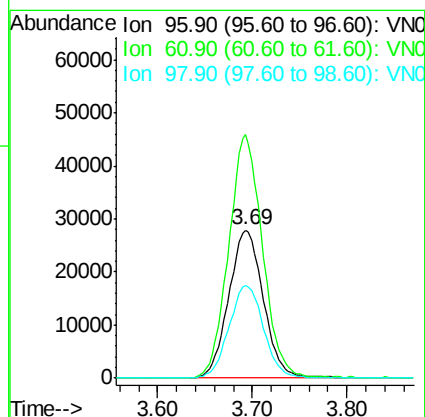
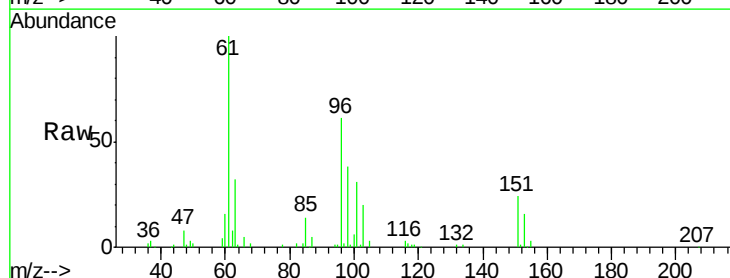
Tgt Ion: 59 Resp: 53920
 Ion Ratio Lower Upper
 59 100
 57 9.8 7.8 11.6

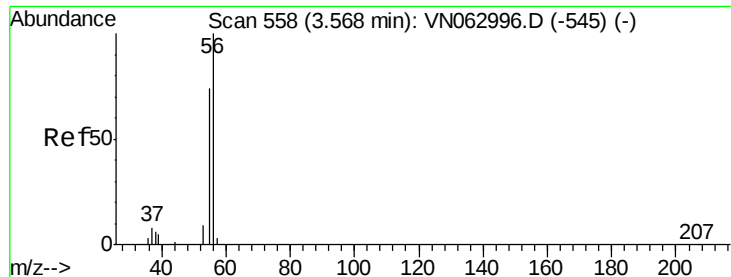


#12

1,1-Dichloroethene
 Concen: 42.254 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: VN063087.D
 Acq: 24 Aug 2020 11:43

Tgt Ion: 96 Resp: 70902
 Ion Ratio Lower Upper
 96 100
 61 164.5 125.5 188.3
 98 62.8 50.4 75.6





#13

Acrolein

Concen: 63.292 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN063087.D

Acq: 24 Aug 2020 11:43

Instrument :

MSVOA_N

ClientSampleId :

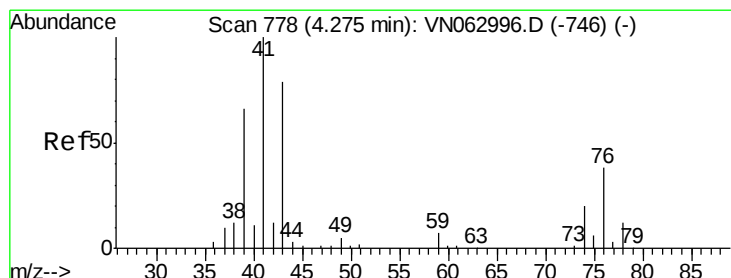
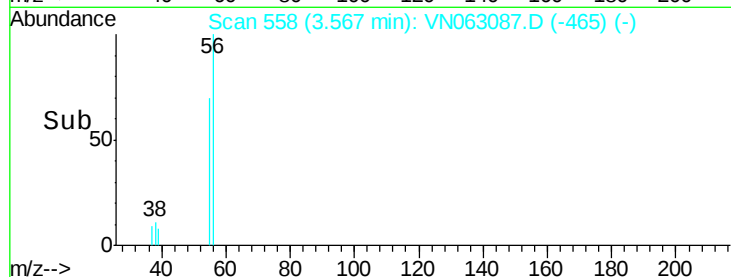
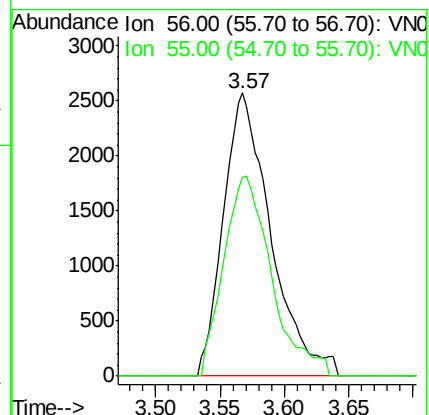
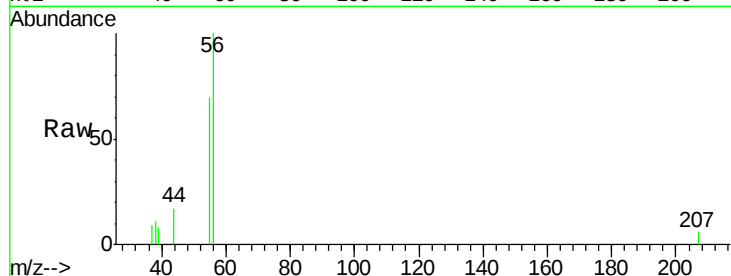
VSTDCCC050

Tgt Ion: 56 Resp: 6580

Ion Ratio Lower Upper

56 100

55 71.1 58.4 87.6



#14

Allyl chloride

Concen: 44.550 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN063087.D

Acq: 24 Aug 2020 11:43

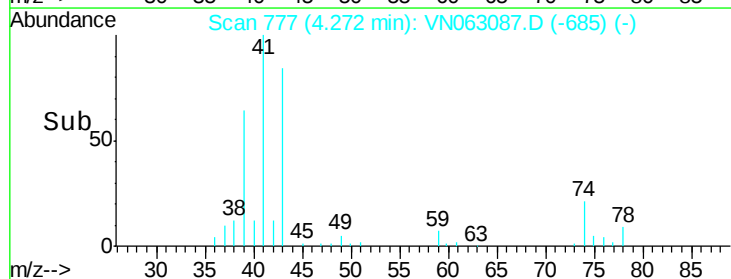
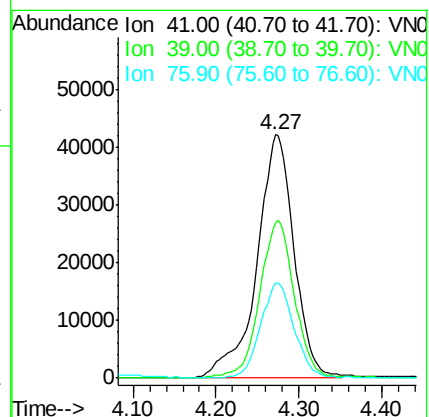
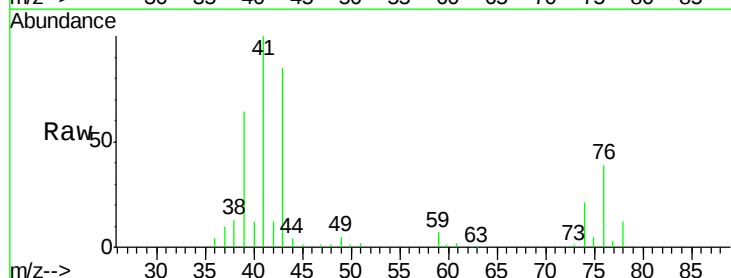
Tgt Ion: 41 Resp: 131807

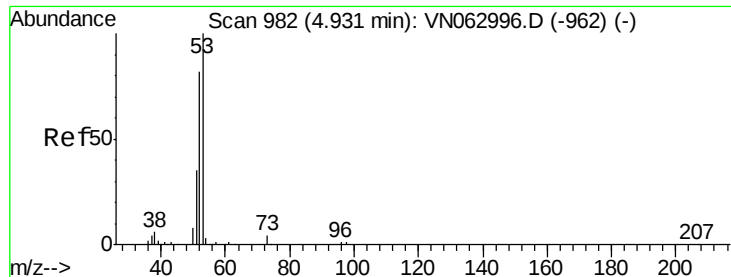
Ion Ratio Lower Upper

41 100

39 60.6 47.9 71.9

76 35.3 27.0 40.6





#15

Acrylonitrile

Concen: 243.303 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN063087.D

Acq: 24 Aug 2020 11:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

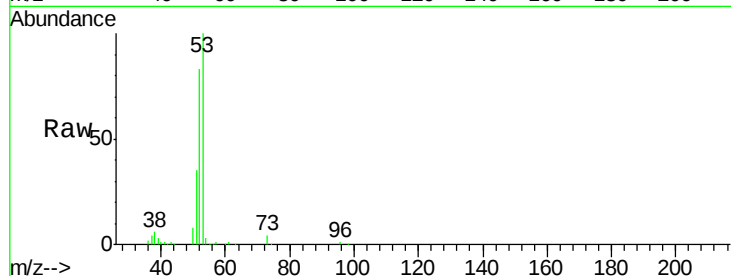
Tgt Ion: 53 Resp: 237318

Ion Ratio Lower Upper

53 100

52 82.1 65.6 98.4

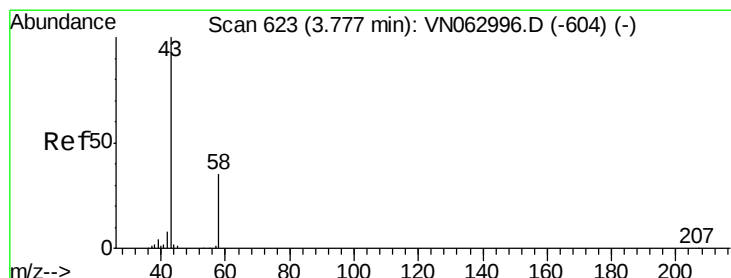
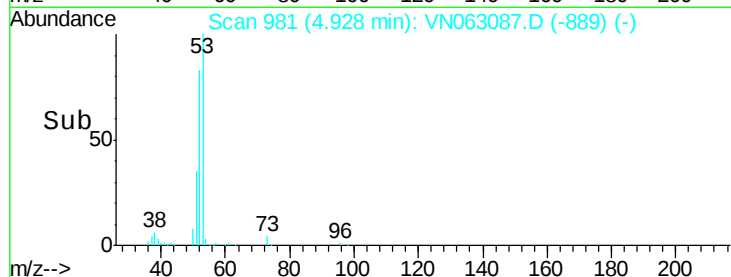
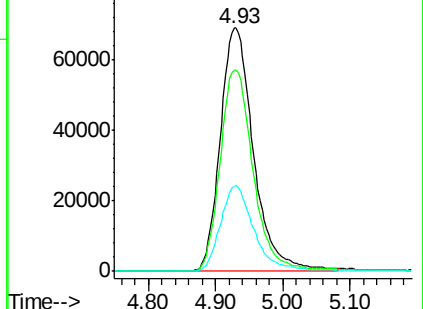
51 35.7 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VN062996.D (-962) (-)

Ion 52.00 (51.70 to 52.70): VN062996.D (-962) (-)

Ion 51.00 (50.70 to 51.70): VN062996.D (-962) (-)



#16

Acetone

Concen: 306.681 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.00 min

Lab File: VN063087.D

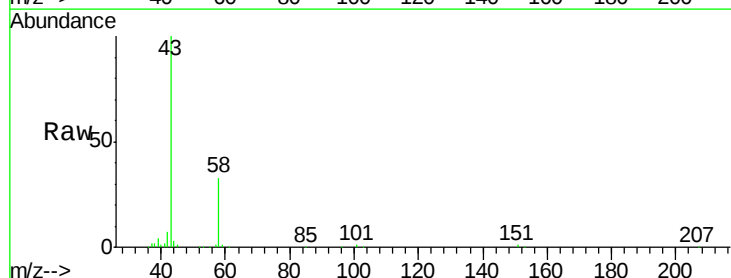
Acq: 24 Aug 2020 11:43

Tgt Ion: 43 Resp: 223412

Ion Ratio Lower Upper

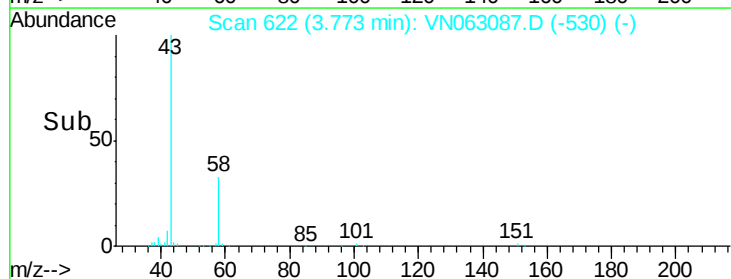
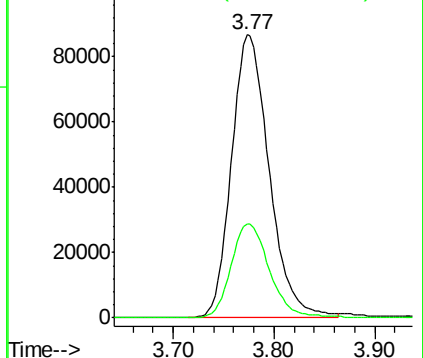
43 100

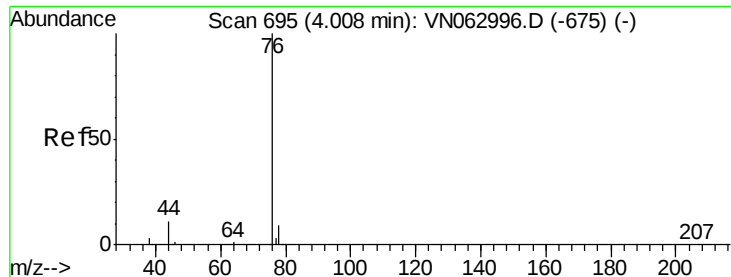
58 33.4 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VN062996.D (-604) (-)

Ion 58.00 (57.70 to 58.70): VN062996.D (-604) (-)

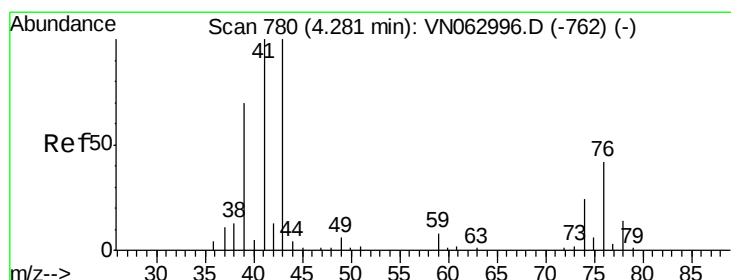
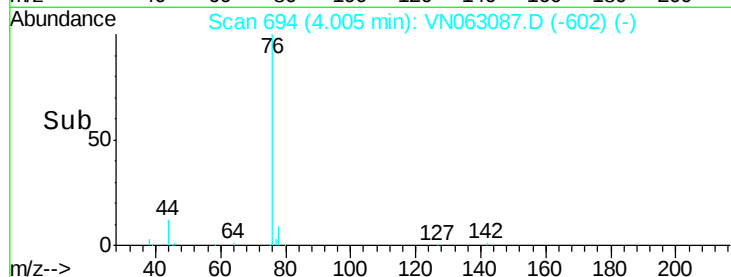
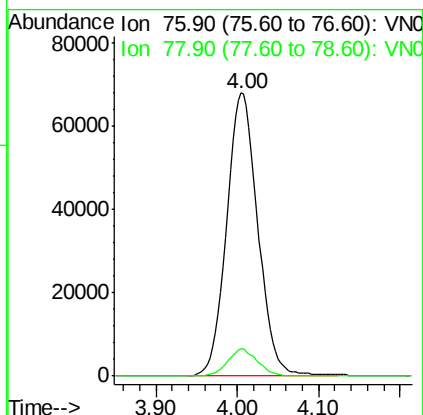
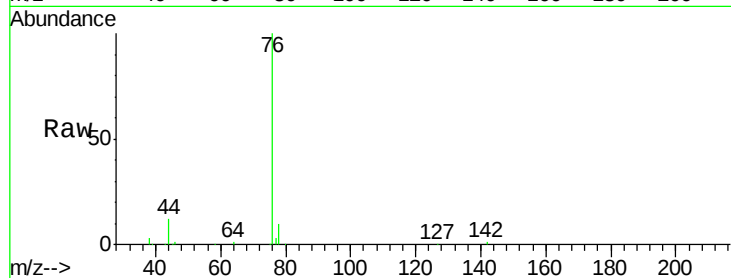




#17
Carbon Disulfide
Concen: 41.421 ug/l
RT: 4.00 min Scan# 694
Delta R.T. -0.00 min
Lab File: VN063087.D
Acq: 24 Aug 2020 11:43

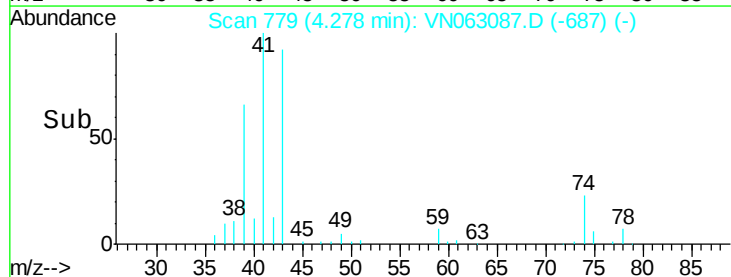
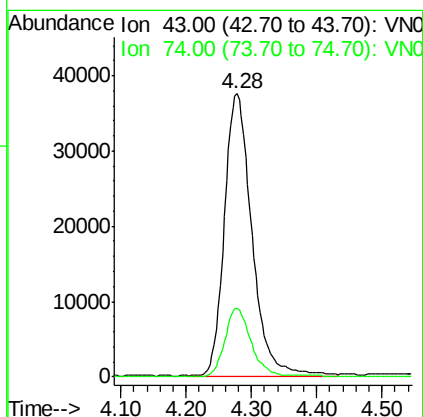
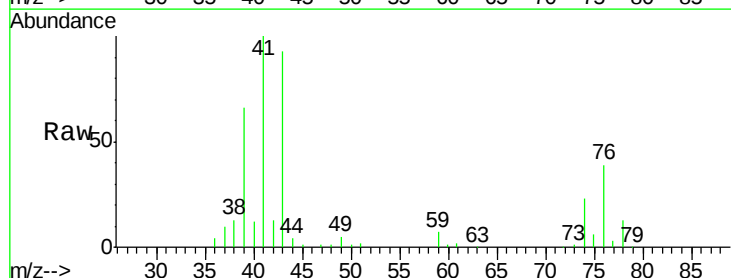
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

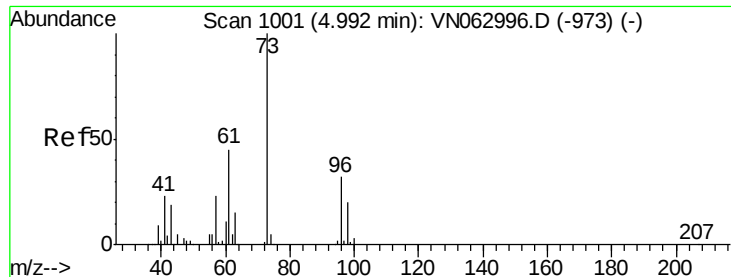
Tgt Ion: 76 Resp: 182027
Ion Ratio Lower Upper
76 100
78 9.6 6.9 10.3



#18
Methyl Acetate
Concen: 47.746 ug/l
RT: 4.28 min Scan# 779
Delta R.T. -0.00 min
Lab File: VN063087.D
Acq: 24 Aug 2020 11:43

Tgt Ion: 43 Resp: 111167
Ion Ratio Lower Upper
43 100
74 23.1 18.6 28.0



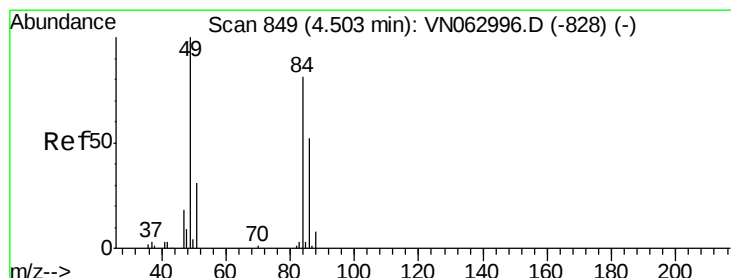
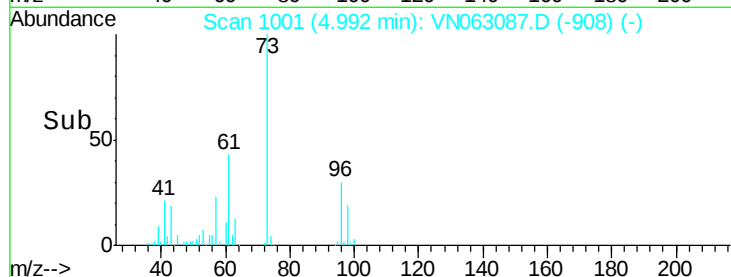
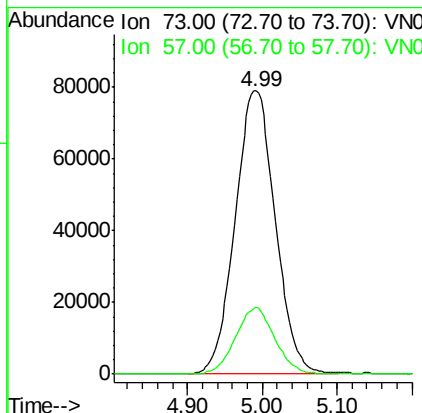
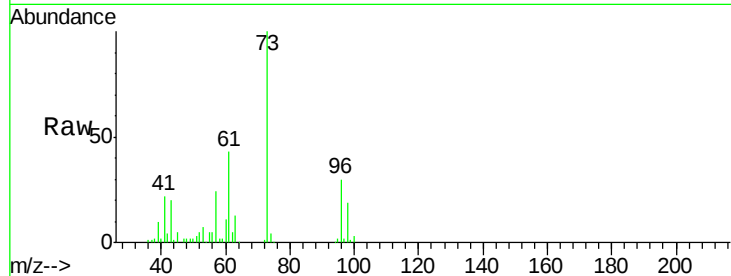


#19

Methyl tert-butyl Ether
 Concen: 50.373 ug/l
 RT: 4.99 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VN063087.D
 Acq: 24 Aug 2020 11:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

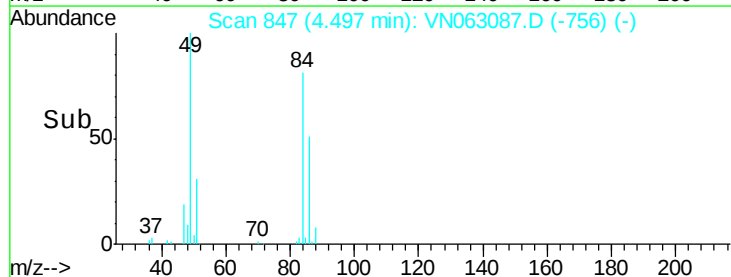
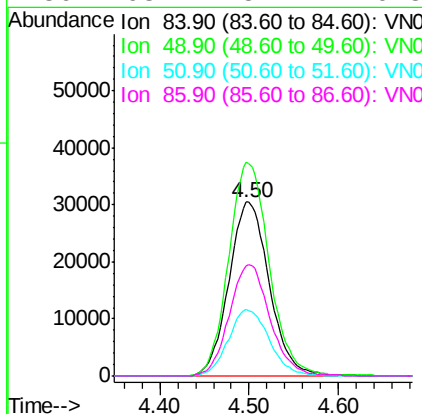
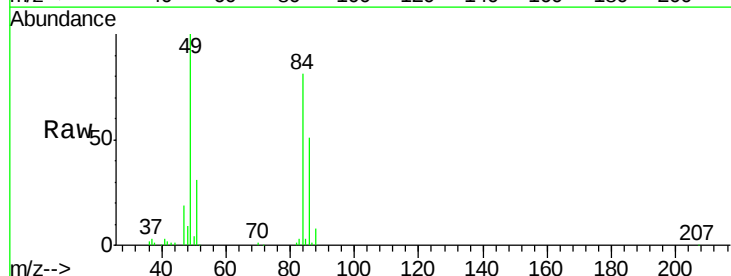
Tgt Ion: 73 Resp: 294777
 Ion Ratio Lower Upper
 73 100
 57 23.5 18.1 27.1

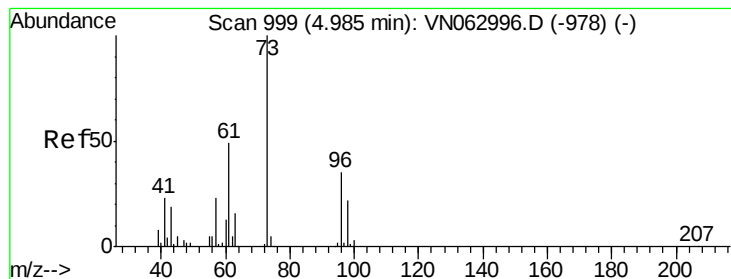


#20

Methylene Chloride
 Concen: 46.409 ug/l
 RT: 4.50 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VN063087.D
 Acq: 24 Aug 2020 11:43

Tgt Ion: 84 Resp: 96061
 Ion Ratio Lower Upper
 84 100
 49 123.1 98.7 148.1
 51 38.4 30.8 46.2
 86 63.2 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 45.256 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN063087.D

Acq: 24 Aug 2020 11:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

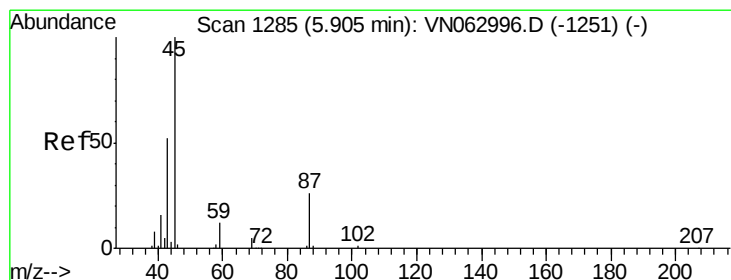
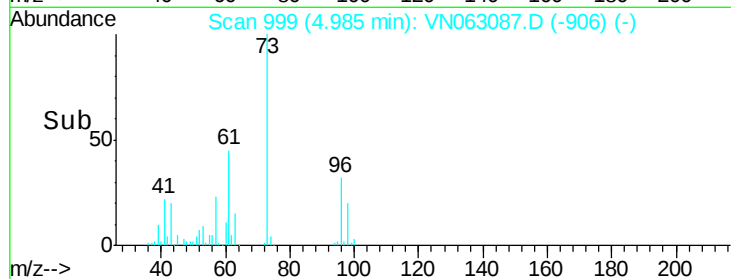
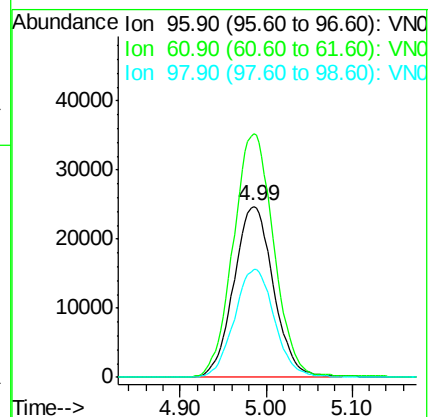
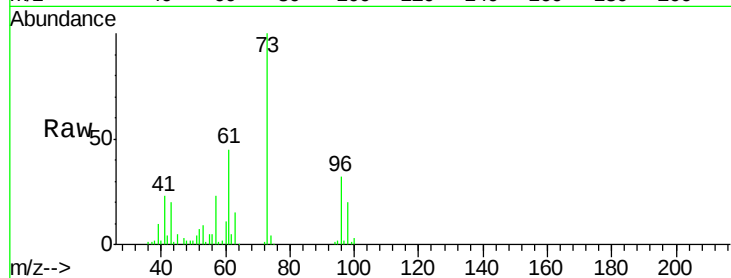
Tgt Ion: 96 Resp: 79471

Ion Ratio Lower Upper

96 100

61 142.5 112.5 168.7

98 63.0 49.4 74.0



#22

Diisopropyl ether

Concen: 50.065 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. -0.01 min

Lab File: VN063087.D

Acq: 24 Aug 2020 11:43

Tgt Ion: 45 Resp: 336131

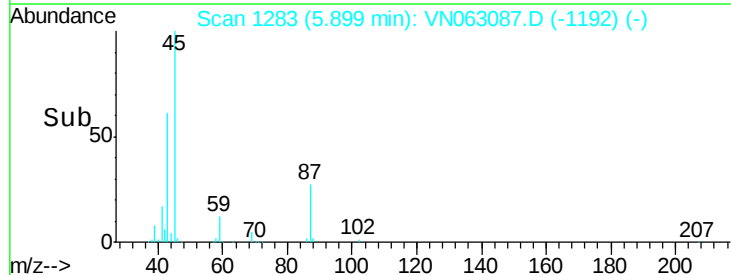
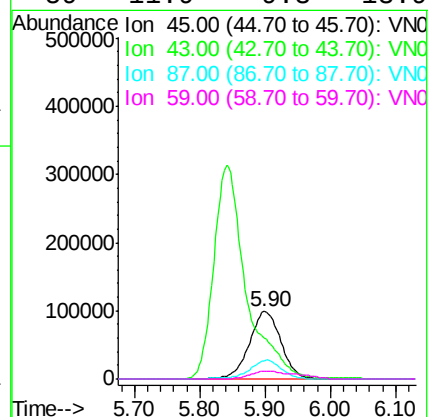
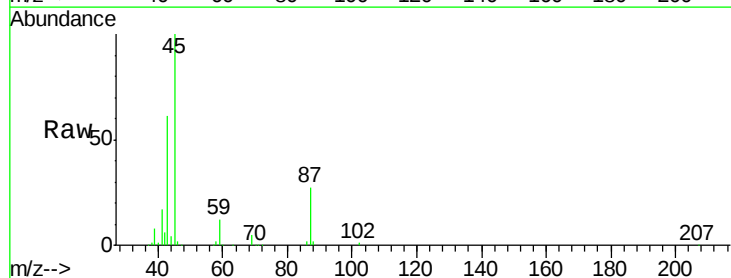
Ion Ratio Lower Upper

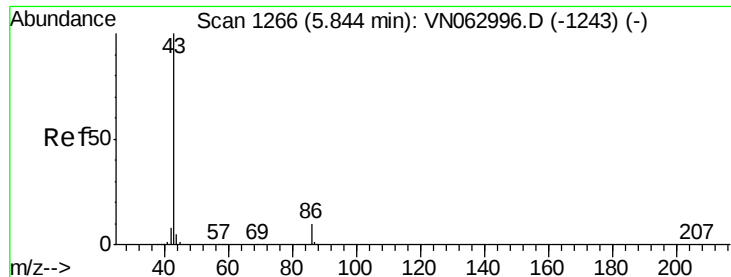
45 100

43 60.0 45.7 68.5

87 27.5 21.8 32.6

59 11.9 9.3 13.9





#23

Vinyl Acetate

Concen: 239.631 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN063087.D

Acq: 24 Aug 2020 11:43

Instrument :

MSVOA_N

ClientSampleId :

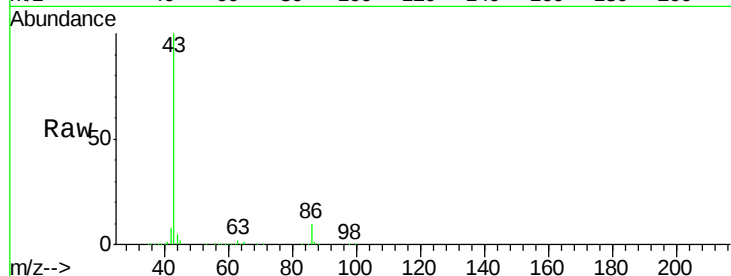
VSTDCCC050

Tgt Ion: 43 Resp: 1085668

Ion Ratio Lower Upper

43 100

86 10.0 8.0 12.0



Abundance Ion 43.00 (42.70 to 43.70): VN062996.D (-1243) (-)

Ion 86.00 (85.70 to 86.70): VN062996.D (-1243) (-)

5.84

300000

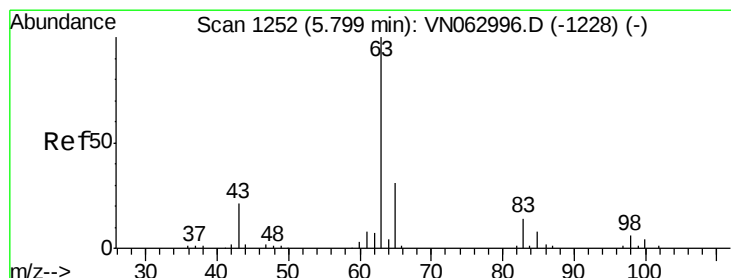
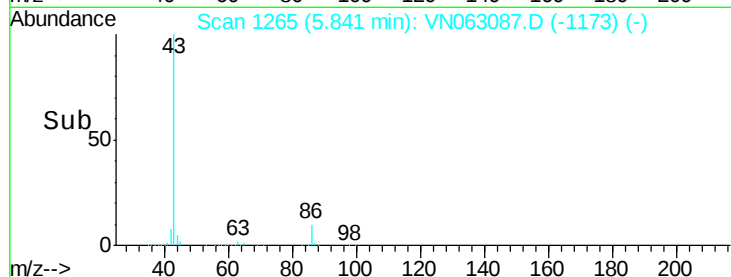
200000

100000

0

5.70 5.80 5.90 6.00 6.10

Time-->



#24

1,1-Dichloroethane

Concen: 46.419 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN063087.D

Acq: 24 Aug 2020 11:43

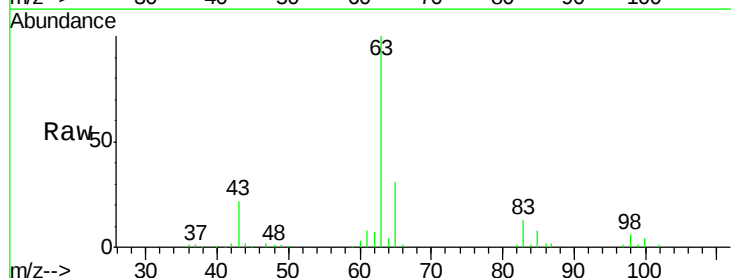
Tgt Ion: 63 Resp: 174151

Ion Ratio Lower Upper

63 100

98 6.4 2.9 8.7

100 4.2 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VN062996.D (-1228) (-)

Ion 97.90 (97.60 to 98.60): VN062996.D (-1228) (-)

Ion 99.90 (99.60 to 100.60): VN062996.D (-1228) (-)

5.80

60000

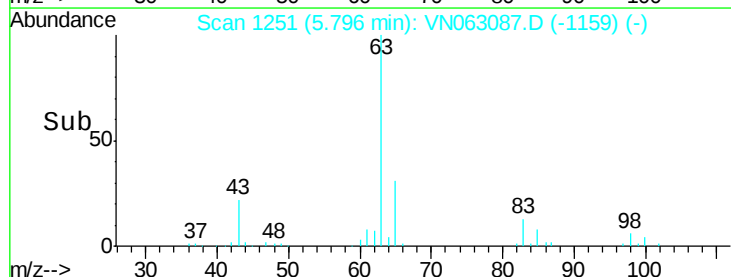
40000

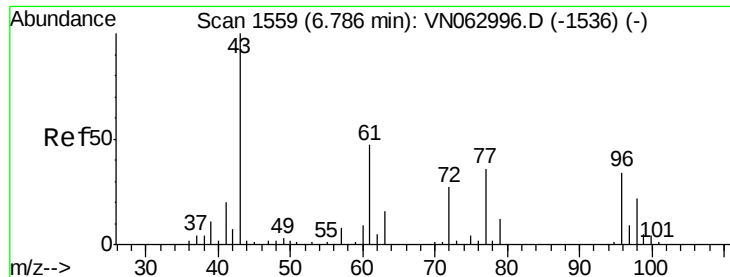
20000

0

5.70 5.80 5.90

Time-->

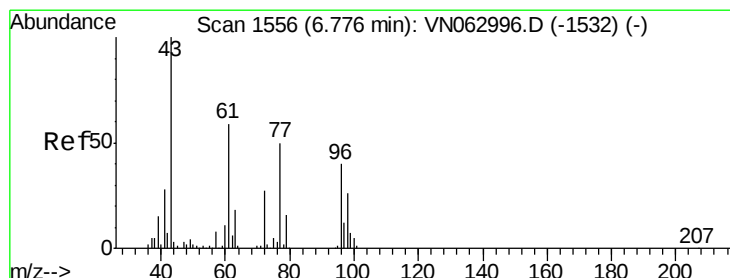
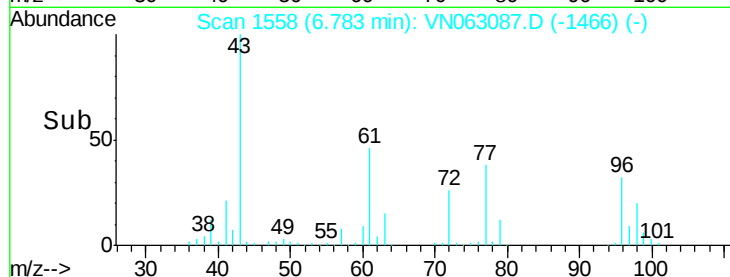
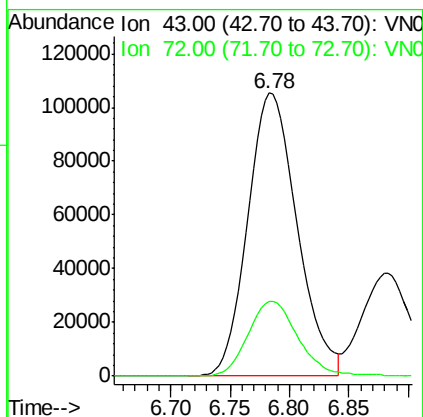
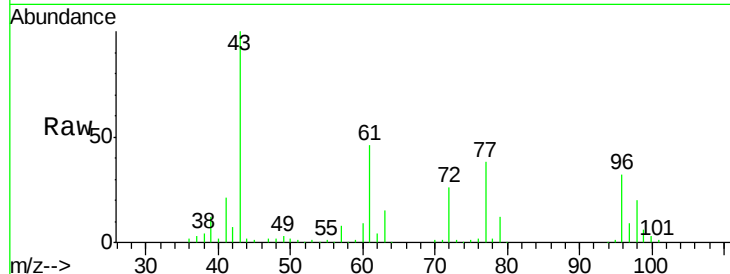




#25
 2-Butanone
 Concen: 243.090 ug/l
 RT: 6.78 min Scan# 1558
 Delta R.T. -0.00 min
 Lab File: VN063087.D
 Acq: 24 Aug 2020 11:43

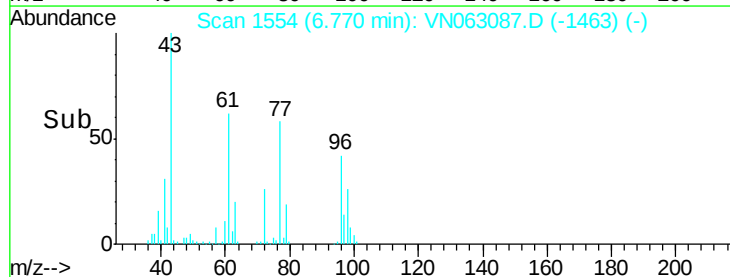
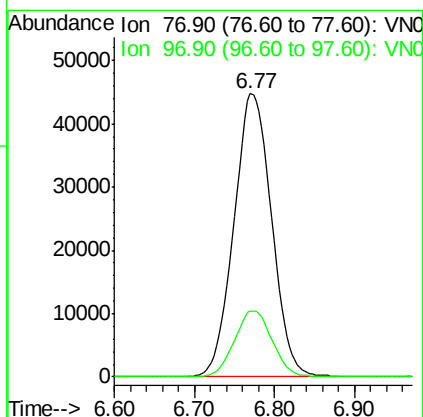
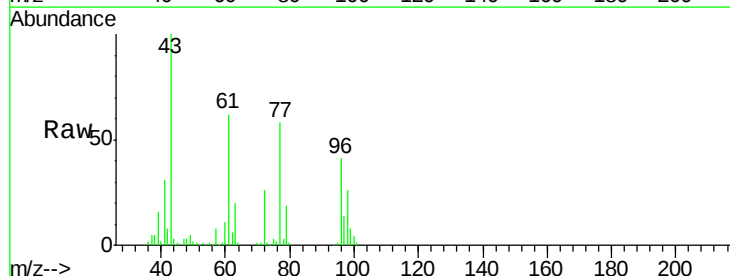
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

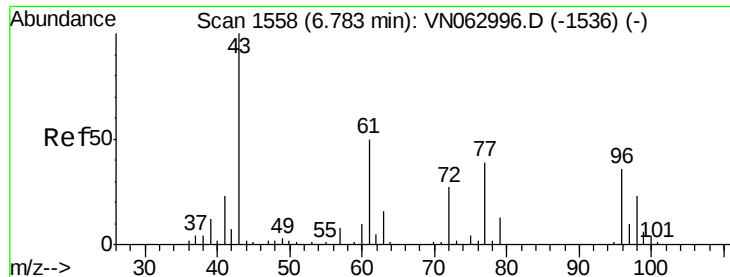
Tgt Ion: 43 Resp: 302366
 Ion Ratio Lower Upper
 43 100
 72 26.4 21.8 32.6



#26
 2,2-Dichloropropane
 Concen: 48.408 ug/l
 RT: 6.77 min Scan# 1554
 Delta R.T. -0.01 min
 Lab File: VN063087.D
 Acq: 24 Aug 2020 11:43

Tgt Ion: 77 Resp: 142828
 Ion Ratio Lower Upper
 77 100
 97 23.4 11.7 35.1

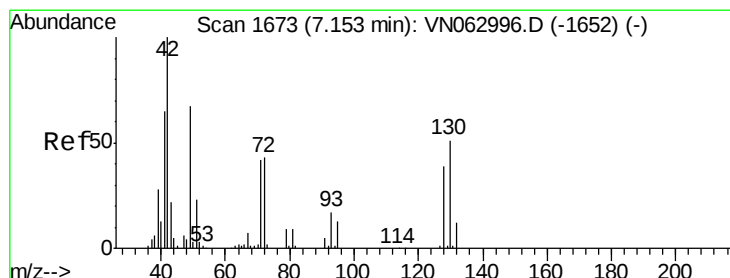
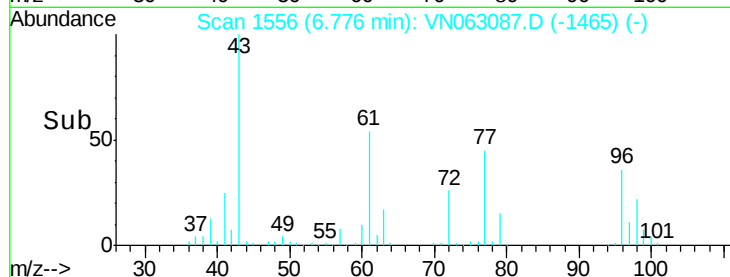
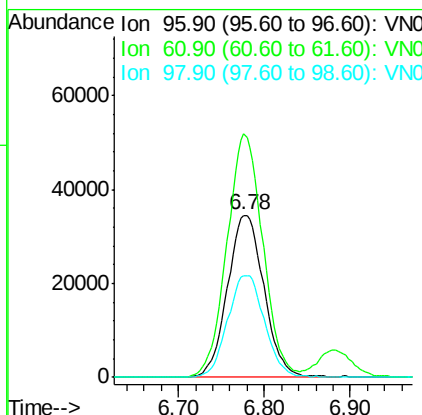
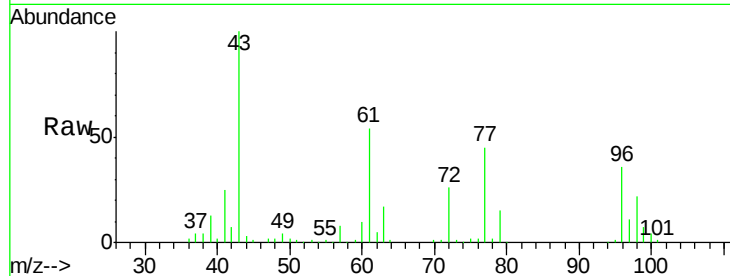




#27
 cis-1,2-Dichloroethene
 Concen: 46.277 ug/l
 RT: 6.78 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: VN063087.D
 Acq: 24 Aug 2020 11:43

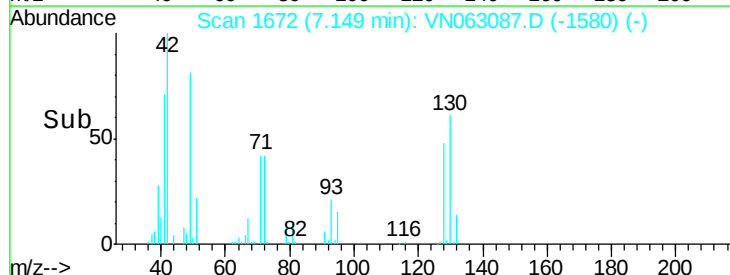
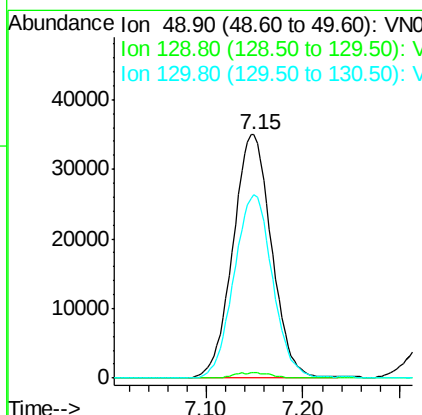
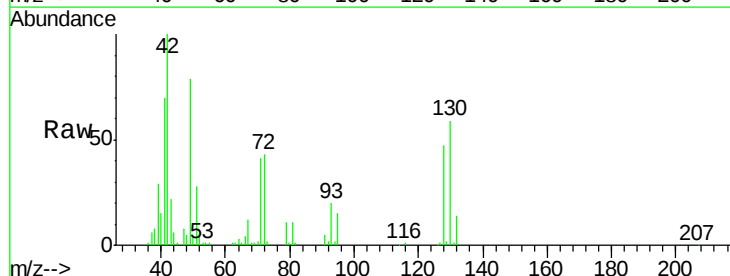
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

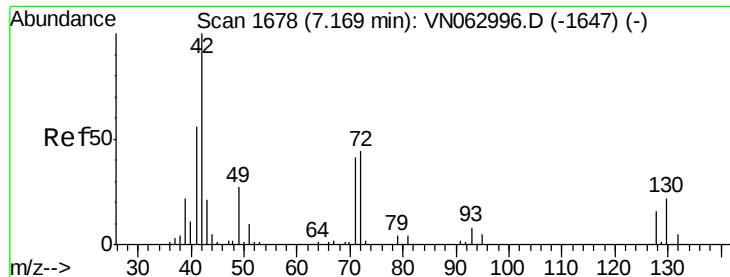
Tgt Ion: 96 Resp: 101857
 Ion Ratio Lower Upper
 96 100
 61 147.5 0.0 292.8
 98 63.9 0.0 130.6



#28
 Bromochloromethane
 Concen: 49.417 ug/l
 RT: 7.15 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: VN063087.D
 Acq: 24 Aug 2020 11:43

Tgt Ion: 49 Resp: 97007
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 3.6
 130 75.2 61.1 91.7





#29

Tetrahydrofuran

Concen: 233.884 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. -0.00 min

Lab File: VN063087.D

Acq: 24 Aug 2020 11:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

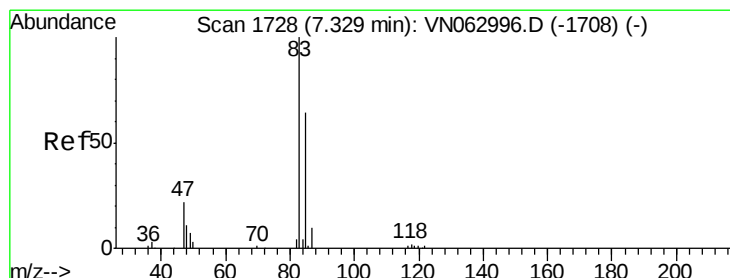
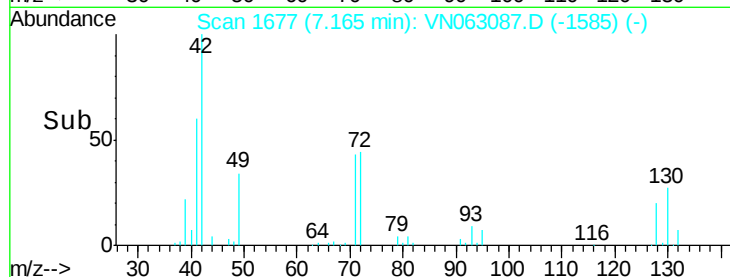
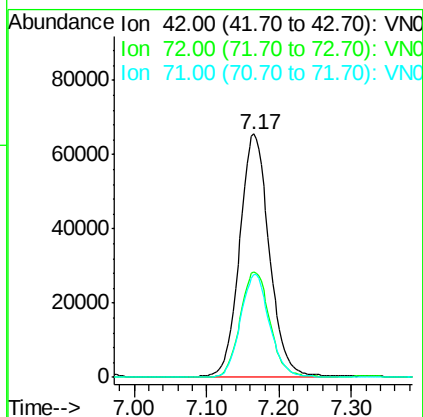
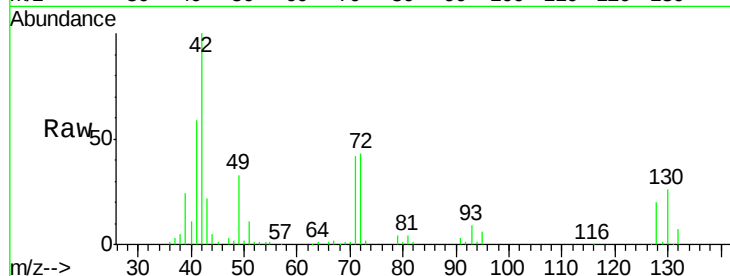
Tgt Ion: 42 Resp: 187757

Ion Ratio Lower Upper

42 100

72 43.2 34.6 52.0

71 41.2 32.3 48.5



#30

Chloroform

Concen: 46.775 ug/l

RT: 7.33 min Scan# 1728

Delta R.T. -0.00 min

Lab File: VN063087.D

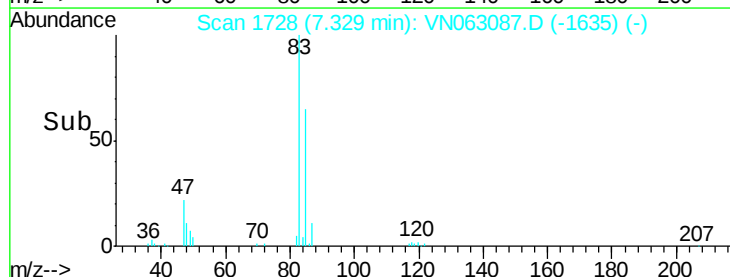
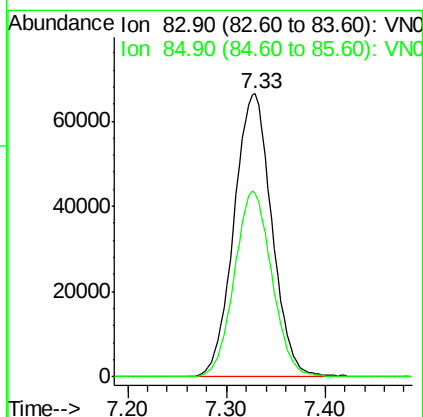
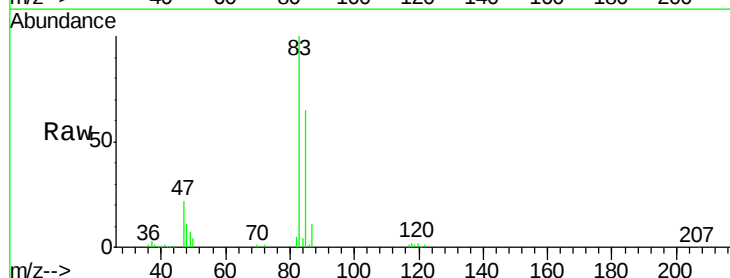
Acq: 24 Aug 2020 11:43

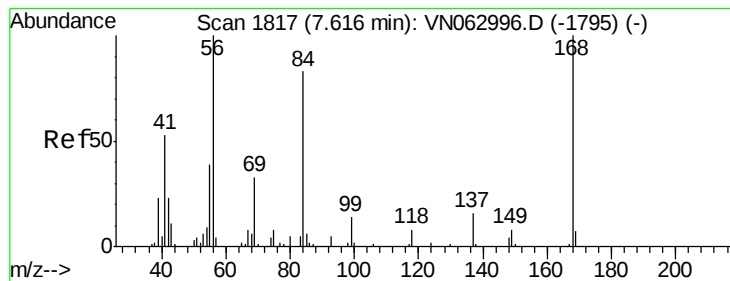
Tgt Ion: 83 Resp: 176738

Ion Ratio Lower Upper

83 100

85 64.8 51.5 77.3





#31

Cyclohexane

Concen: 44.001 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN063087.D

Acq: 24 Aug 2020 11:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

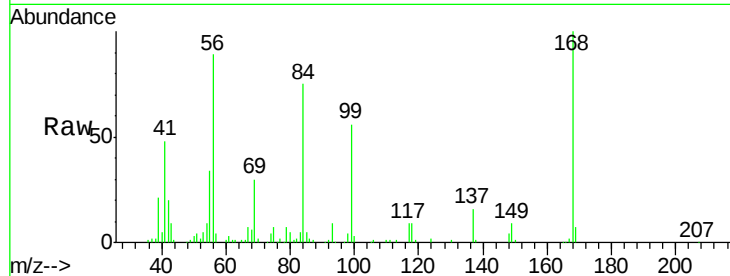
Tgt Ion: 56 Resp: 151938

Ion Ratio Lower Upper

56 100

69 33.6 26.6 40.0

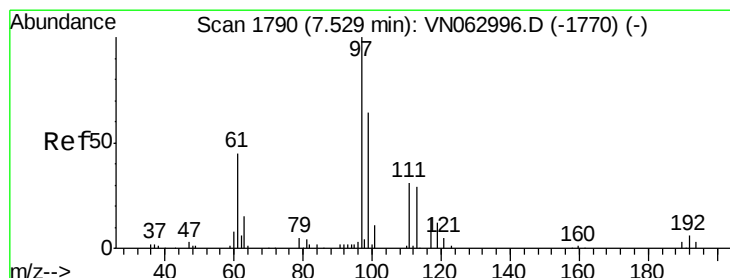
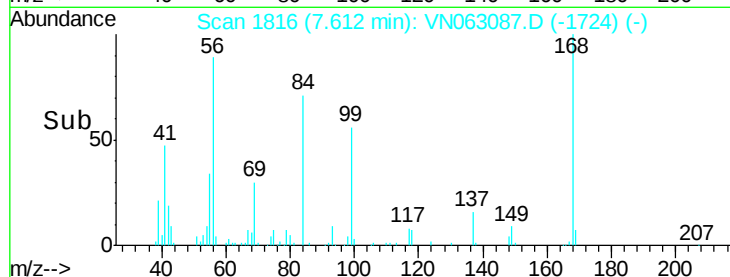
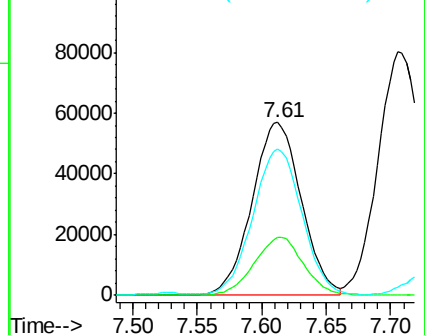
84 83.8 66.4 99.6



Abundance Ion 56.00 (55.70 to 56.70): VN062996.D (-1795) (-)

Ion 69.00 (68.70 to 69.70): VN062996.D (-1795) (-)

Ion 84.00 (83.70 to 84.70): VN062996.D (-1795) (-)



#32

1,1,1-Trichloroethane

Concen: 46.507 ug/l

RT: 7.53 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VN063087.D

Acq: 24 Aug 2020 11:43

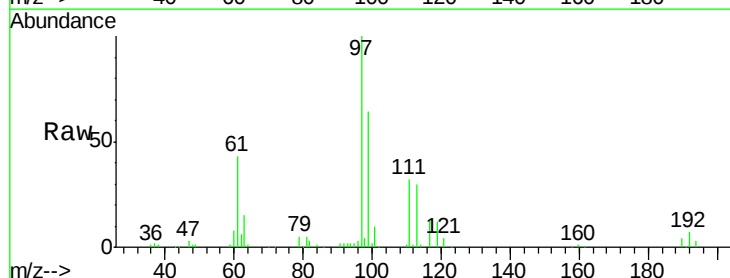
Tgt Ion: 97 Resp: 143462

Ion Ratio Lower Upper

97 100

99 63.8 52.0 78.0

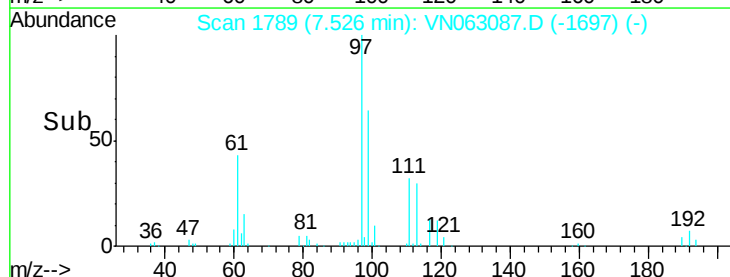
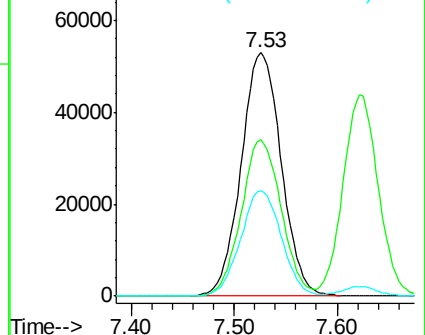
61 43.9 36.2 54.4

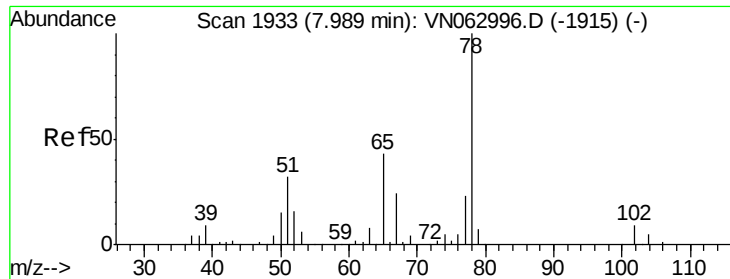


Abundance Ion 96.90 (96.60 to 97.60): VN062996.D (-1770) (-)

Ion 98.90 (98.60 to 99.60): VN062996.D (-1770) (-)

Ion 60.90 (60.60 to 61.60): VN062996.D (-1770) (-)

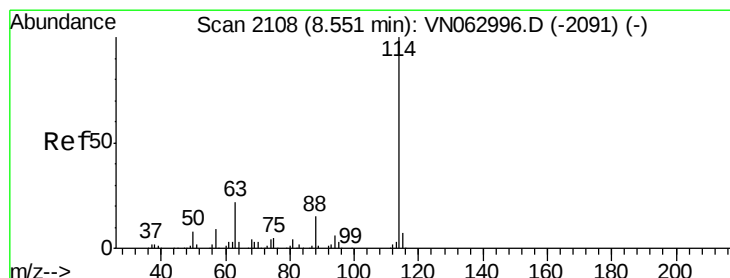
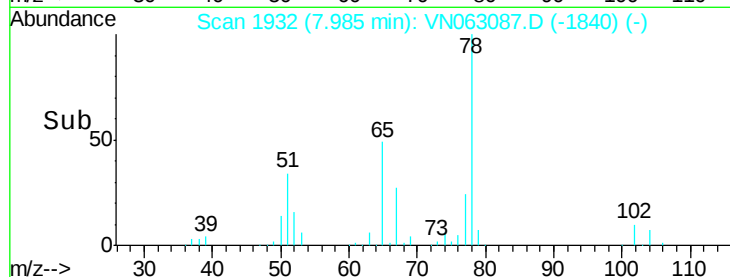
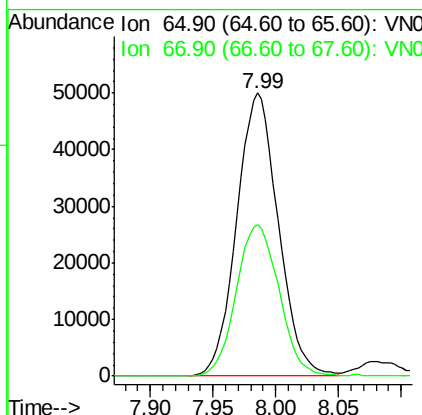
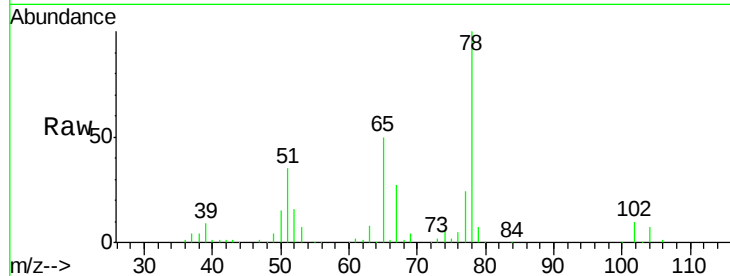




#33
 1,2-Dichloroethane-d4
 Concen: 49.251 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN063087.D
 Acq: 24 Aug 2020 11:43

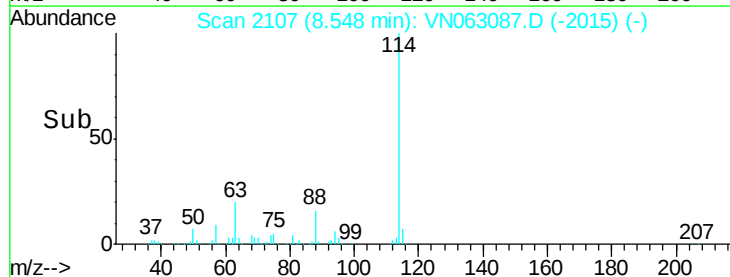
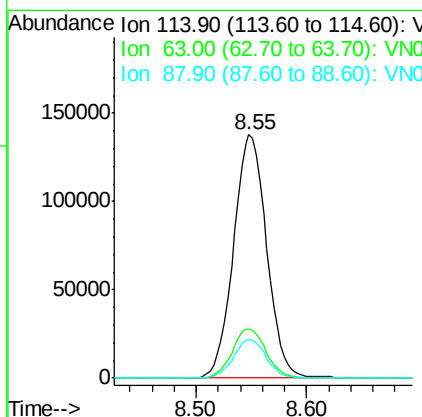
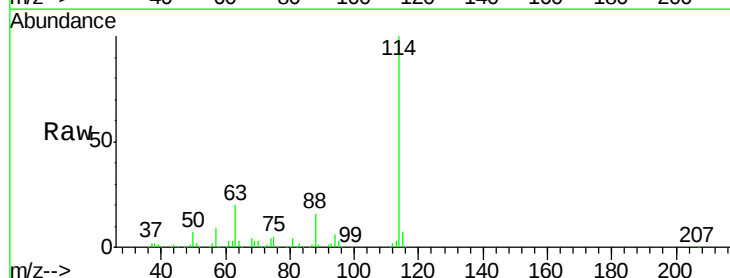
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

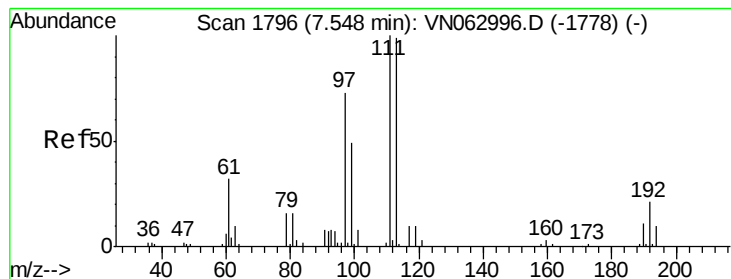
Tgt Ion: 65 Resp: 115389
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN063087.D
 Acq: 24 Aug 2020 11:43

Tgt Ion: 114 Resp: 286656
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 43.2
 88 15.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.018 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VN063087.D

Acq: 24 Aug 2020 11:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

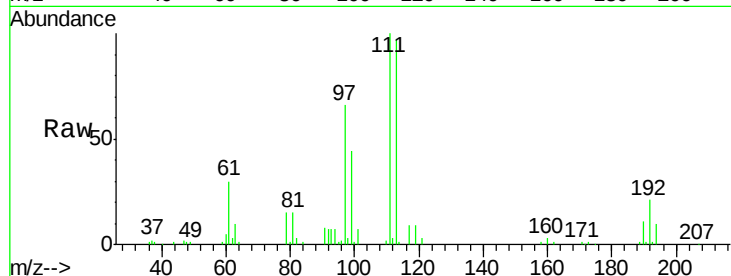
Tgt Ion: 113 Resp: 95293

Ion Ratio Lower Upper

113 100

111 103.3 81.7 122.5

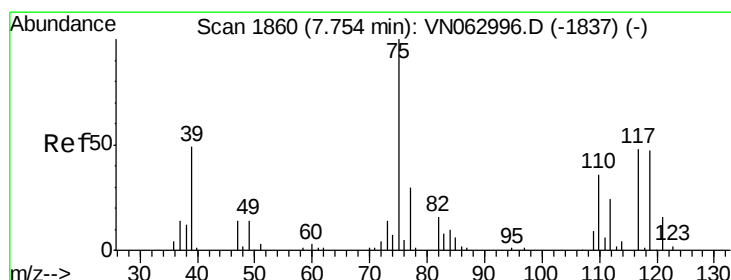
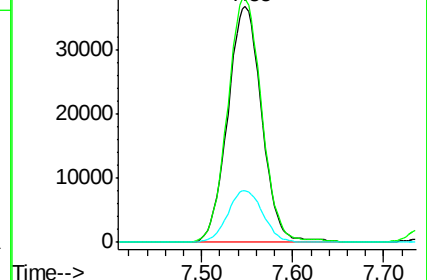
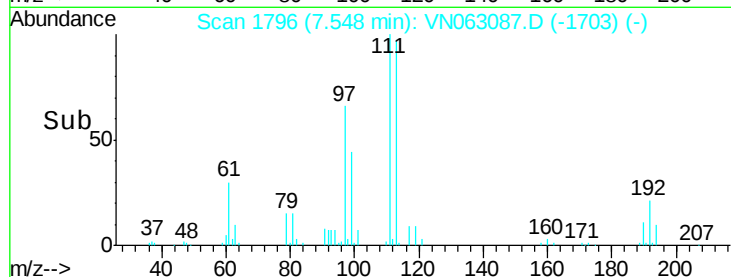
192 22.4 17.5 26.3



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: 47.075 ug/l

RT: 7.75 min Scan# 1859

Delta R.T. -0.00 min

Lab File: VN063087.D

Acq: 24 Aug 2020 11:43

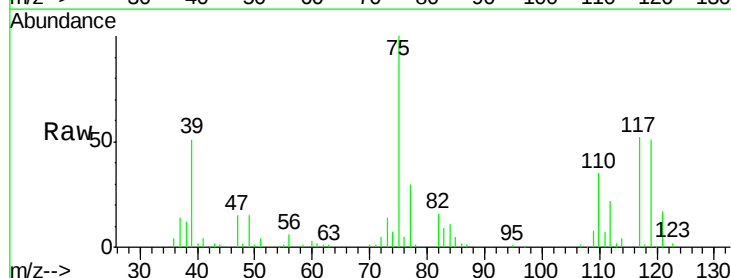
Tgt Ion: 75 Resp: 118919

Ion Ratio Lower Upper

75 100

110 34.6 17.5 52.6

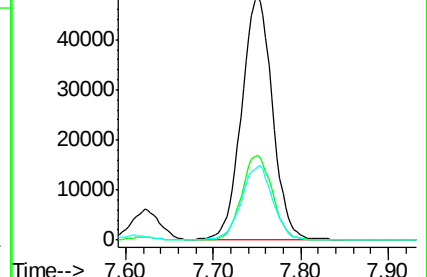
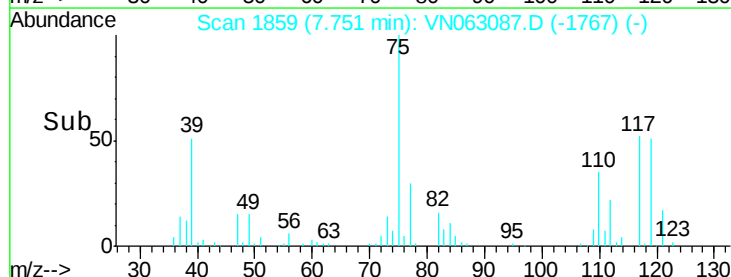
77 31.2 24.2 36.4

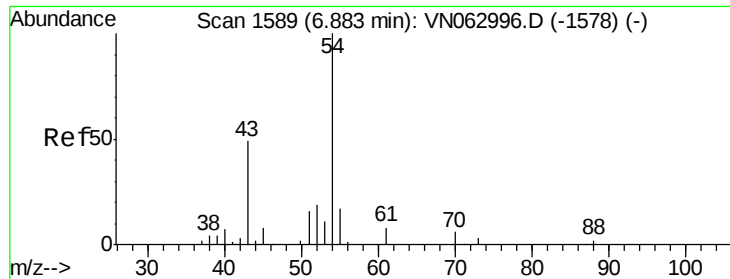


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

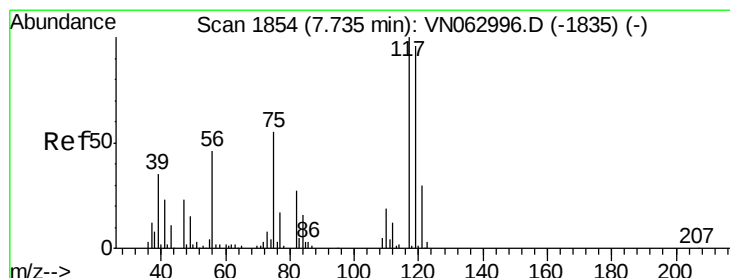
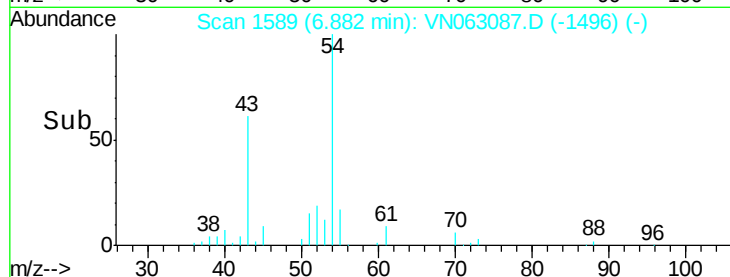
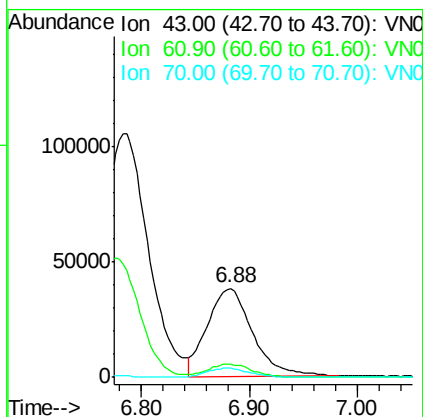
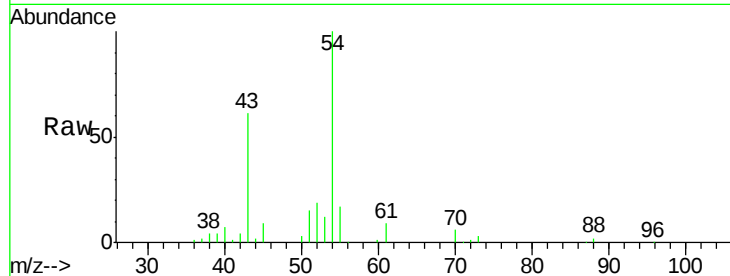




#37
 Ethyl Acetate
 Concen: 46.613 ug/l
 RT: 6.88 min Scan# 1589
 Delta R.T. -0.00 min
 Lab File: VN063087.D
 Acq: 24 Aug 2020 11:43

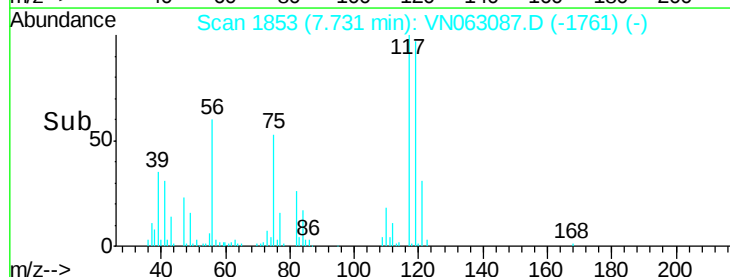
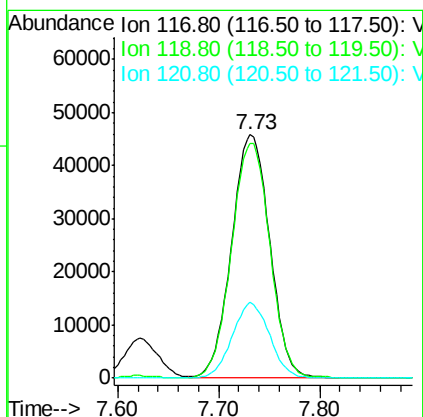
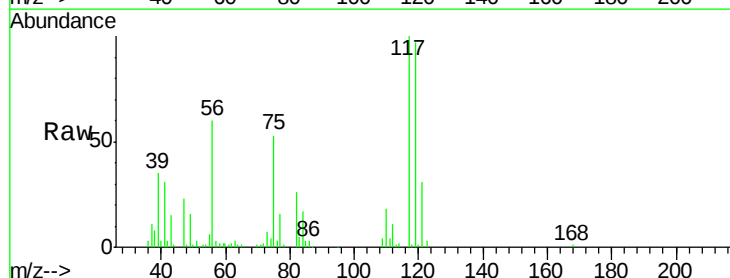
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

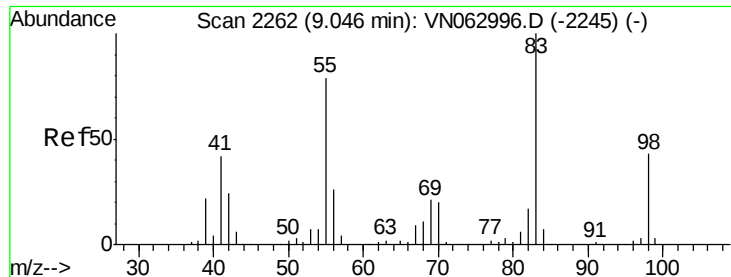
Tgt Ion: 43 Resp: 110335
 Ion Ratio Lower Upper
 43 100
 61 15.2 11.8 17.8
 70 10.2 8.2 12.2



#38
 Carbon Tetrachloride
 Concen: 47.287 ug/l
 RT: 7.73 min Scan# 1853
 Delta R.T. -0.00 min
 Lab File: VN063087.D
 Acq: 24 Aug 2020 11:43

Tgt Ion: 117 Resp: 120598
 Ion Ratio Lower Upper
 117 100
 119 96.6 76.2 114.4
 121 31.0 24.2 36.2

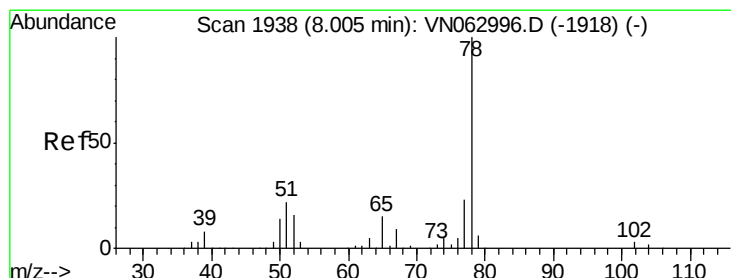
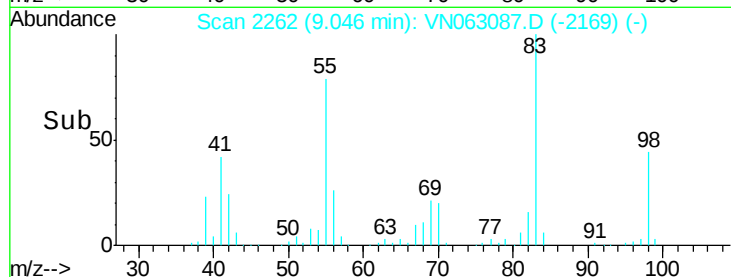
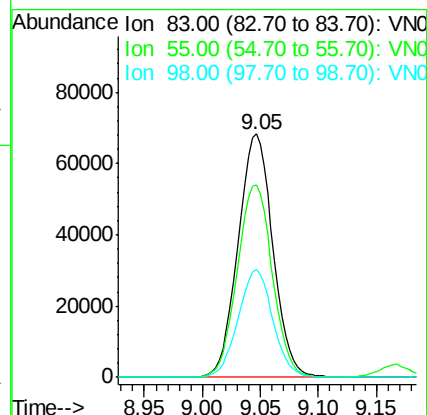
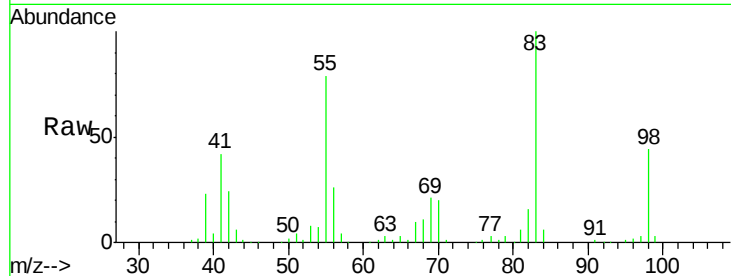




#39
Methylcyclohexane
Concen: 41.969 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN063087.D
Acq: 24 Aug 2020 11:43

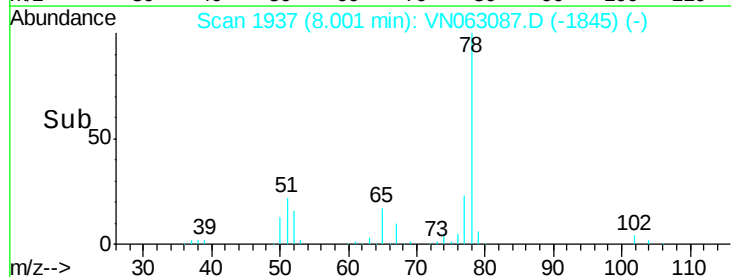
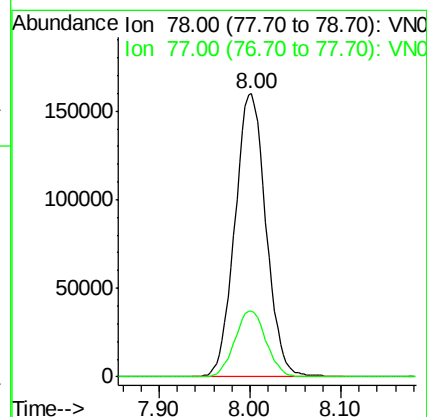
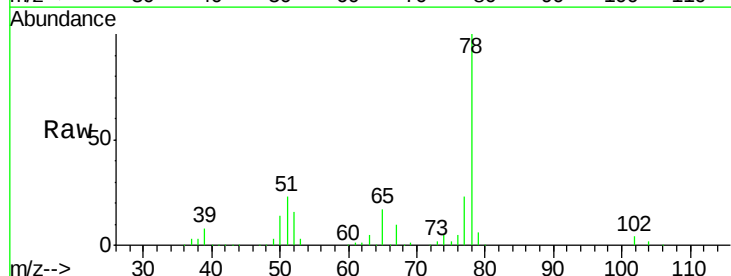
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

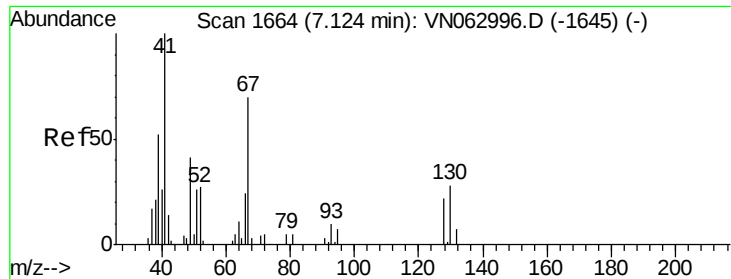
Tgt Ion: 83 Resp: 142255
Ion Ratio Lower Upper
83 100
55 78.9 63.3 94.9
98 44.3 34.2 51.4



#40
Benzene
Concen: 47.395 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN063087.D
Acq: 24 Aug 2020 11:43

Tgt Ion: 78 Resp: 379737
Ion Ratio Lower Upper
78 100
77 23.3 18.8 28.2

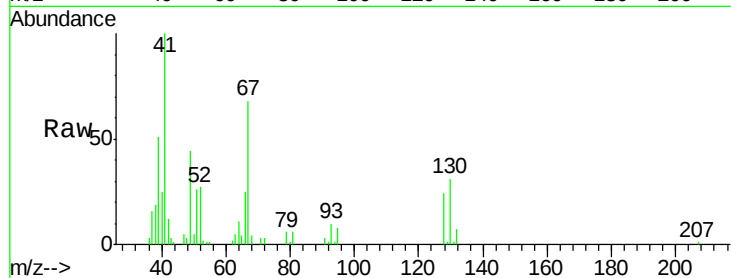




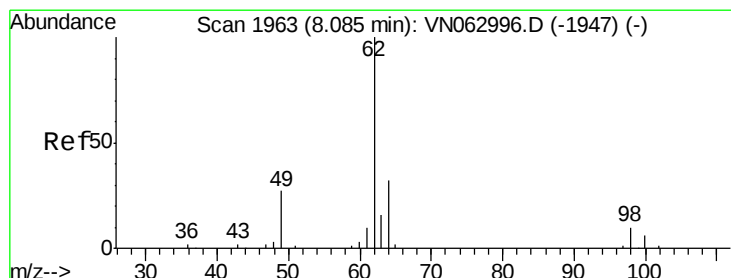
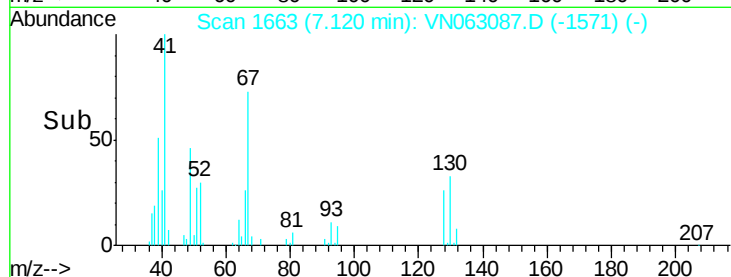
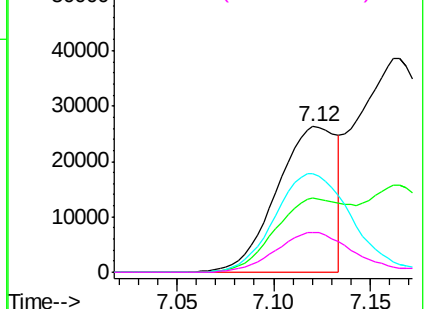
#41
Methacrylonitrile
Concen: 50.129 ug/l
RT: 7.12 min Scan# 1663
Delta R.T. -0.00 min
Lab File: VN063087.D
Acq: 24 Aug 2020 11:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 56534
Ion Ratio Lower Upper
41 100
39 64.2 41.6 62.4#
67 88.5 71.8 107.8
52 36.6 28.2 42.4

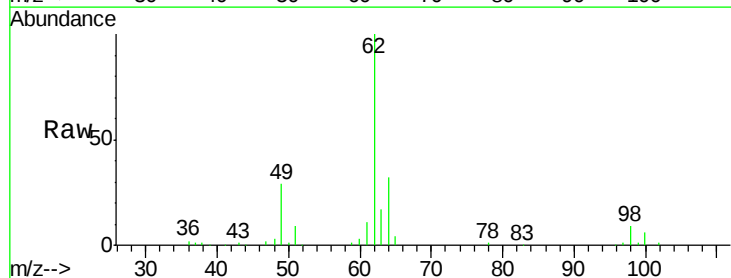


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

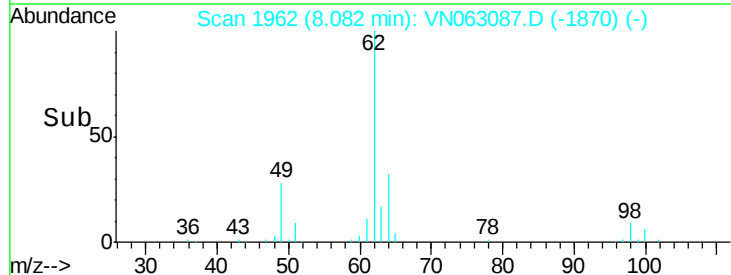
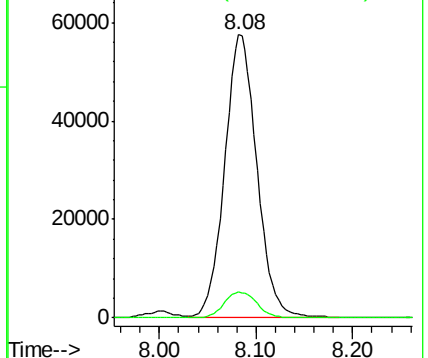


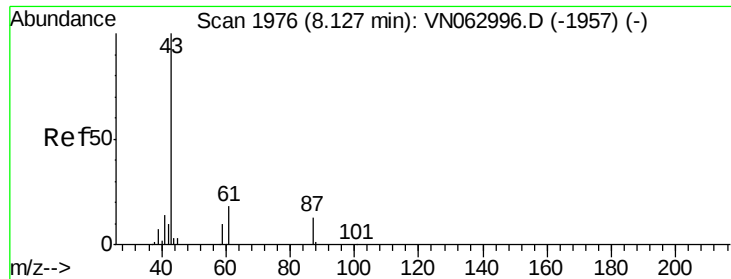
#42
1,2-Dichloroethane
Concen: 49.463 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN063087.D
Acq: 24 Aug 2020 11:43

Tgt Ion: 62 Resp: 133067
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: 48.007 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN063087.D

Acq: 24 Aug 2020 11:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

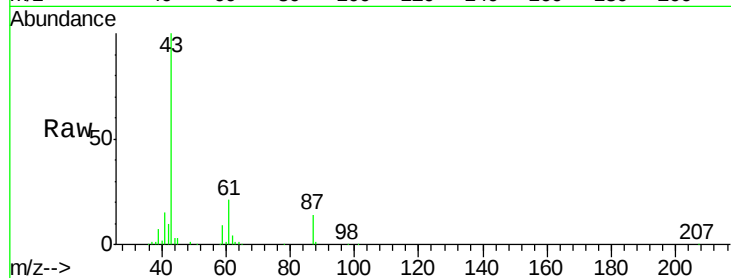
Tgt Ion: 43 Resp: 188258

Ion Ratio Lower Upper

43 100

61 28.8 22.6 33.8

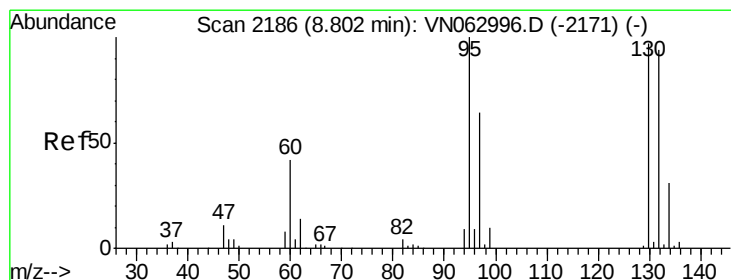
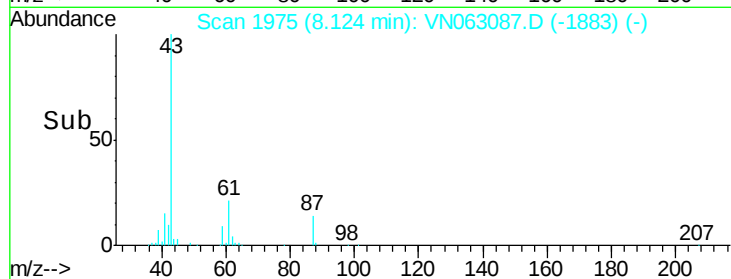
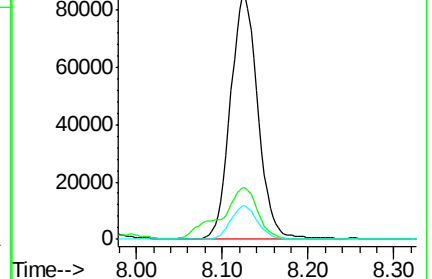
87 13.6 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VN062996.D (-1957) (-)

Ion 61.00 (60.70 to 61.70): VN062996.D (-1957) (-)

Ion 87.00 (86.70 to 87.70): VN062996.D (-1957) (-)



#44

Trichloroethene

Concen: 46.963 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN063087.D

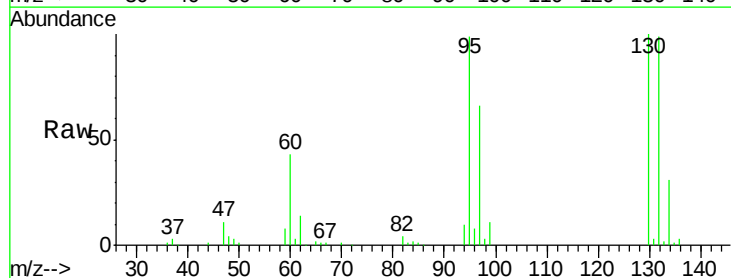
Acq: 24 Aug 2020 11:43

Tgt Ion: 130 Resp: 93596

Ion Ratio Lower Upper

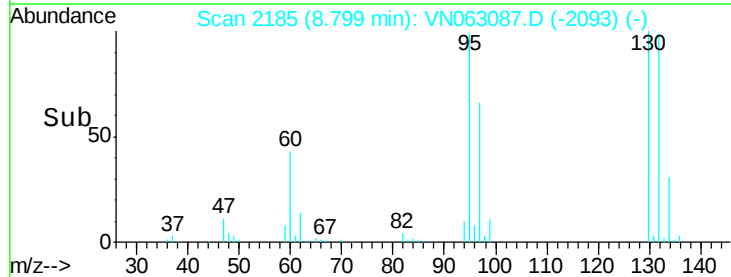
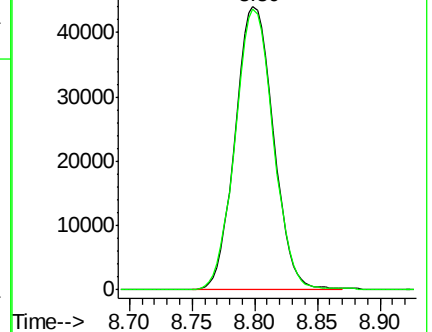
130 100

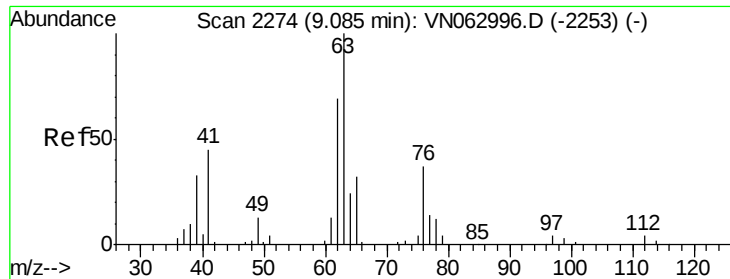
95 99.1 0.0 205.6



Abundance Ion 129.80 (129.50 to 130.50): VN062996.D (-2171) (-)

Ion 94.90 (94.60 to 95.60): VN062996.D (-2171) (-)

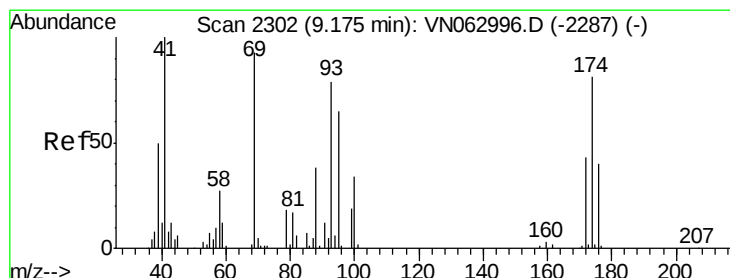
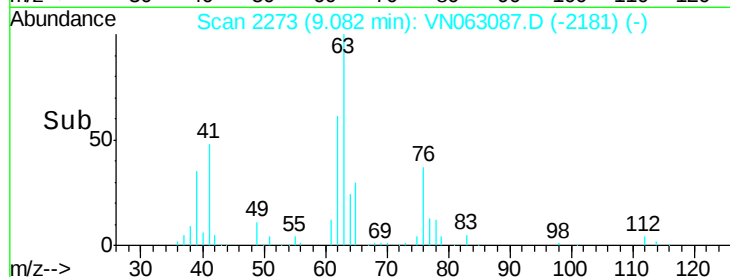
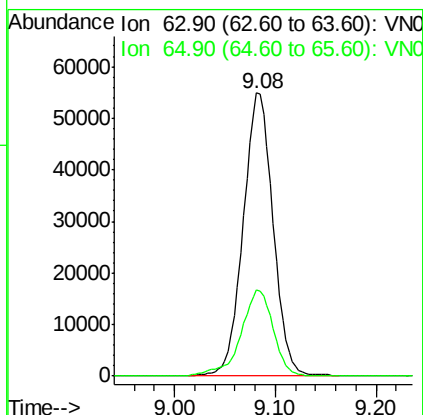
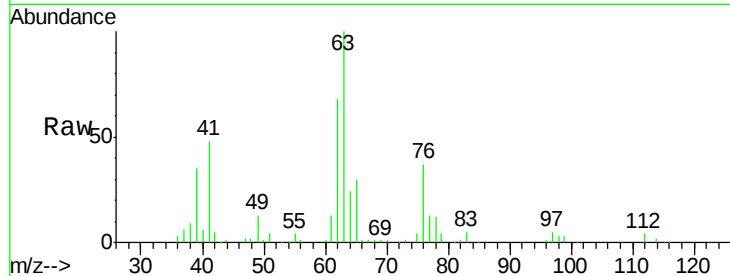




#45
 1,2-Dichloropropane
 Concen: 48.525 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN063087.D
 Acq: 24 Aug 2020 11:43

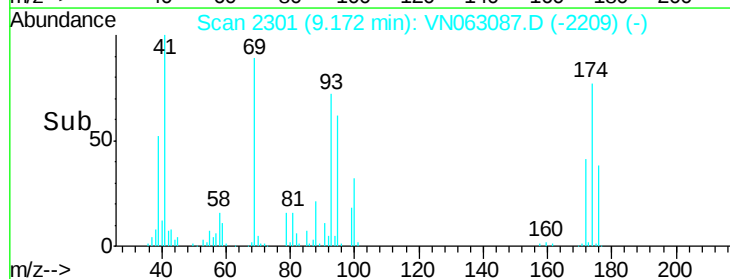
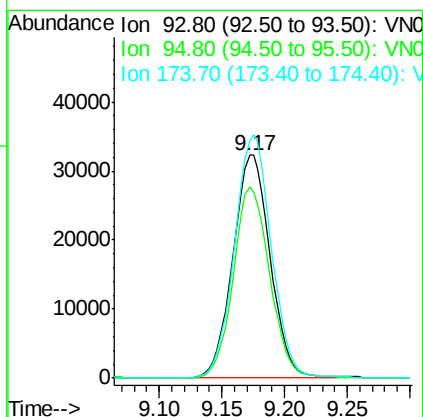
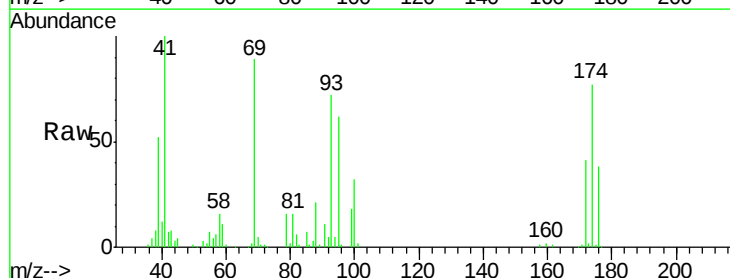
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

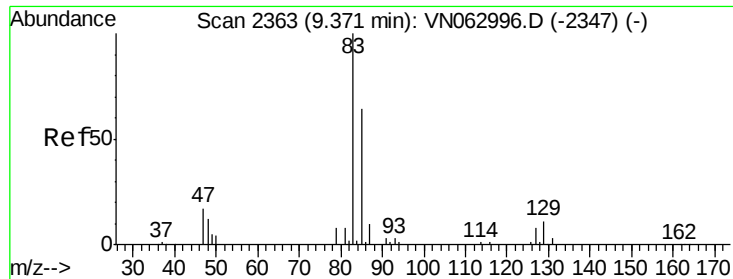
Tgt Ion: 63 Resp: 112383
 Ion Ratio Lower Upper
 63 100
 65 30.3 25.6 38.4



#46
 Dibromomethane
 Concen: 49.858 ug/l
 RT: 9.17 min Scan# 2301
 Delta R.T. -0.00 min
 Lab File: VN063087.D
 Acq: 24 Aug 2020 11:43

Tgt Ion: 93 Resp: 66706
 Ion Ratio Lower Upper
 93 100
 95 83.7 66.2 99.4
 174 107.7 84.6 127.0





#47

Bromodichloromethane

Concen: 49.603 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN063087.D

Acq: 24 Aug 2020 11:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

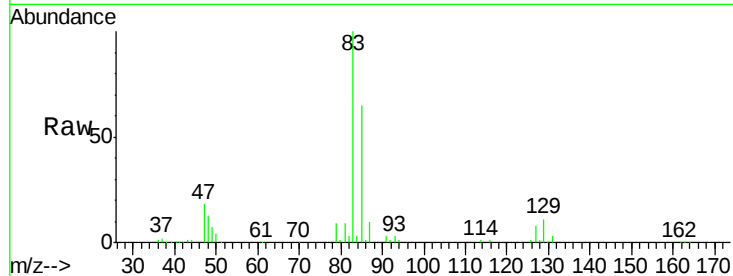
Tgt Ion: 83 Resp: 145354

Ion Ratio Lower Upper

83 100

85 64.7 51.1 76.7

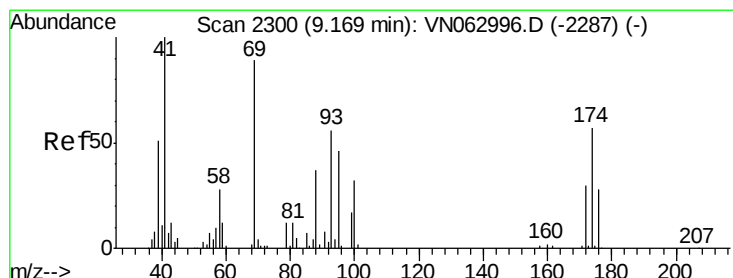
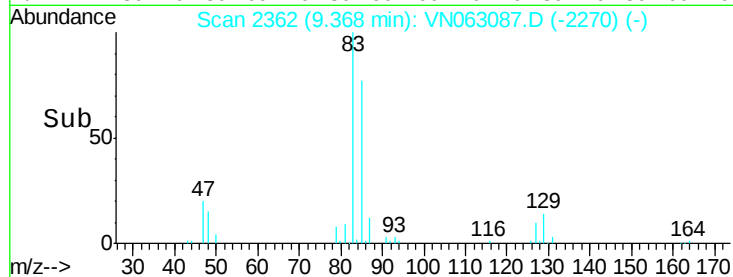
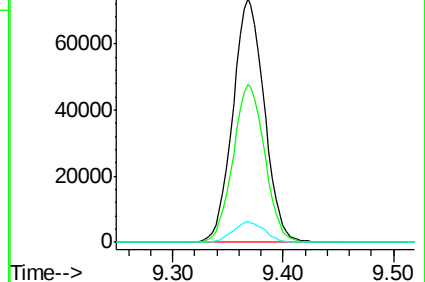
127 8.4 6.6 9.8



Abundance Ion 82.90 (82.60 to 83.60): VN062996.D (-2347) (-)

Ion 84.90 (84.60 to 85.60): VN062996.D (-2347) (-)

Ion 126.80 (126.50 to 127.50): VN062996.D (-2347) (-)



#48

Methyl methacrylate

Concen: 50.175 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN063087.D

Acq: 24 Aug 2020 11:43

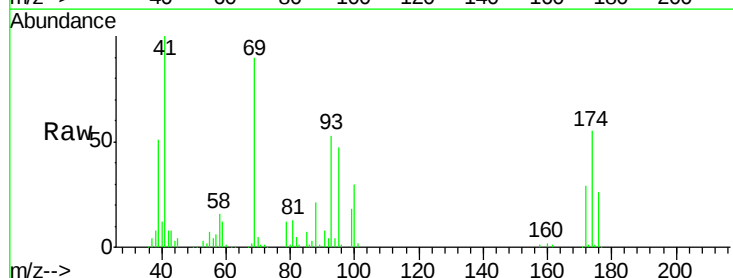
Tgt Ion: 41 Resp: 93097

Ion Ratio Lower Upper

41 100

69 92.0 74.2 111.4

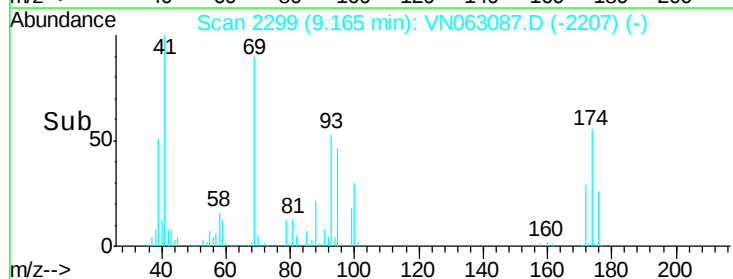
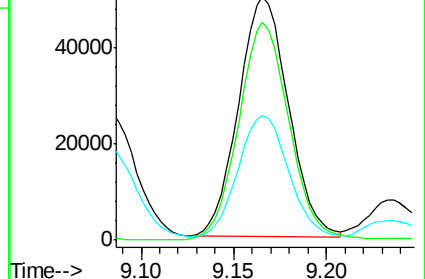
39 53.4 42.5 63.7

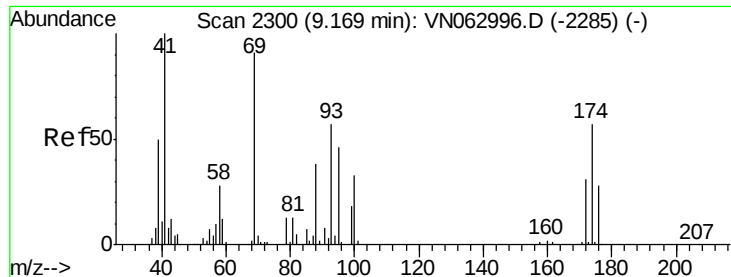


Abundance Ion 41.00 (40.70 to 41.70): VN062996.D (-2287) (-)

Ion 69.00 (68.70 to 69.70): VN062996.D (-2287) (-)

Ion 39.00 (38.70 to 39.70): VN062996.D (-2287) (-)

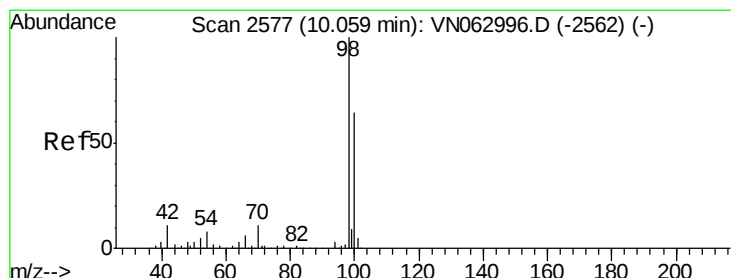
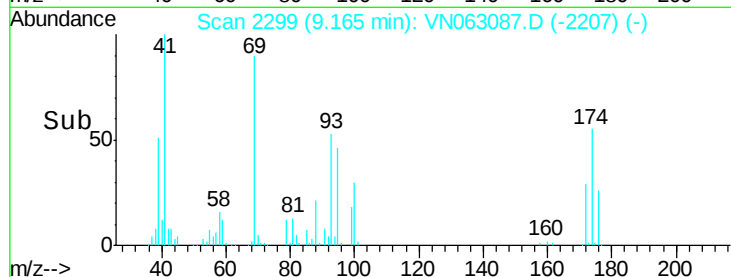
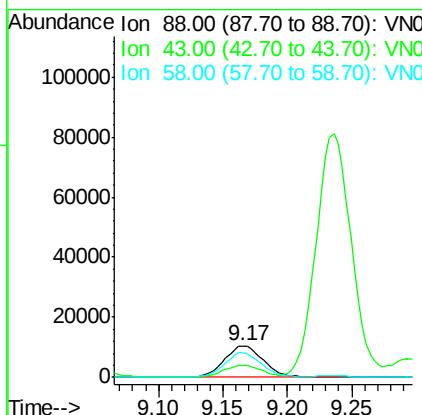
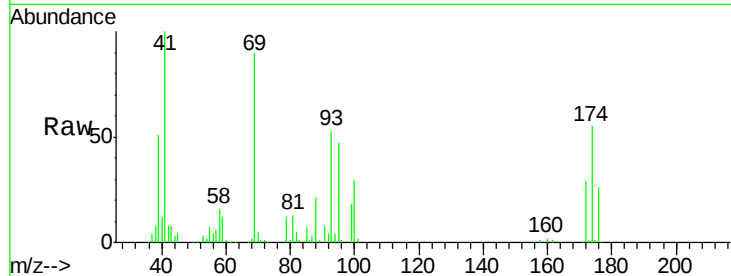




#49
 1,4-Dioxane
 Concen: 548.360 ug/l
 RT: 9.17 min Scan# 2299
 Delta R.T. -0.00 min
 Lab File: VN063087.D
 Acq: 24 Aug 2020 11:43

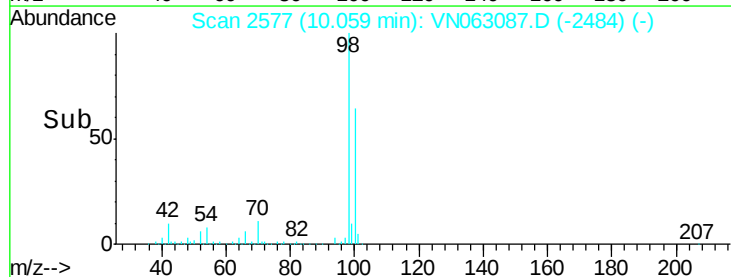
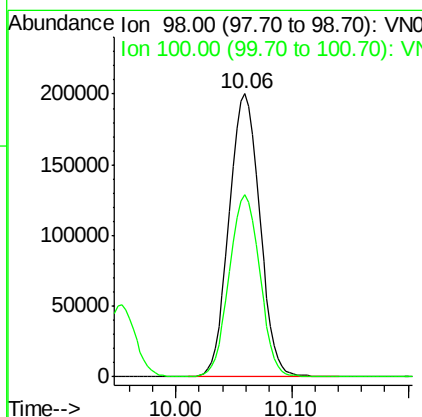
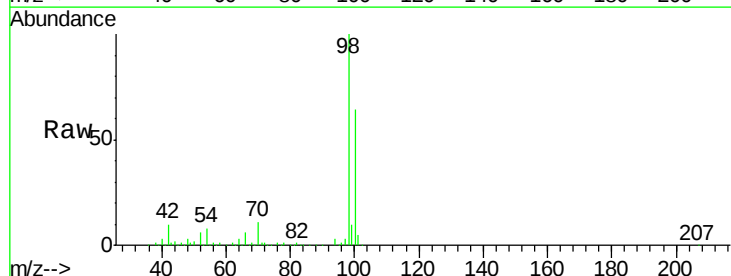
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

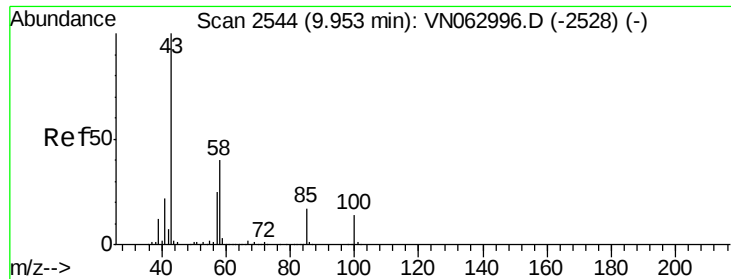
Tgt Ion: 88 Resp: 22103
 Ion Ratio Lower Upper
 88 100
 43 38.0 25.2 37.8#
 58 74.7 56.7 85.1



#50
 Toluene-d8
 Concen: 51.248 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. -0.00 min
 Lab File: VN063087.D
 Acq: 24 Aug 2020 11:43

Tgt Ion: 98 Resp: 367679
 Ion Ratio Lower Upper
 98 100
 100 64.0 51.2 76.8

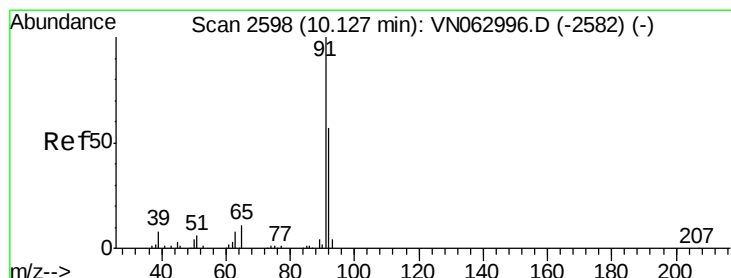
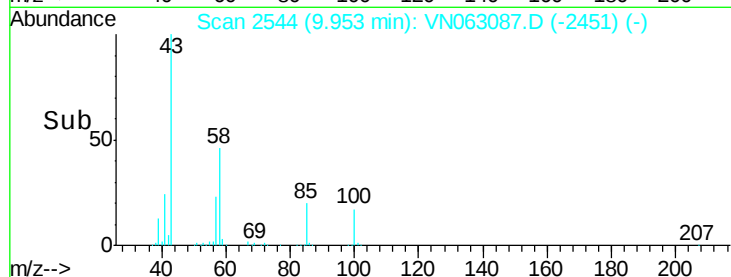
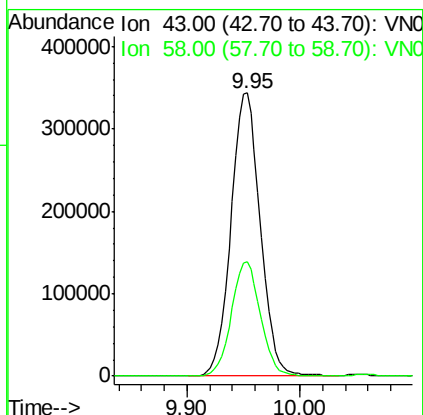
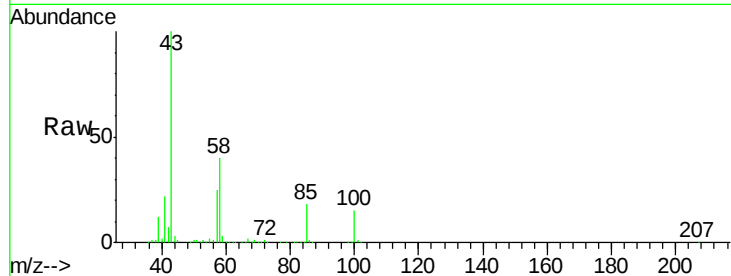




#51
 4-Methyl-2-Pentanone
 Concen: 249.760 ug/l
 RT: 9.95 min Scan# 2544
 Delta R.T. -0.00 min
 Lab File: VN063087.D
 Acq: 24 Aug 2020 11:43

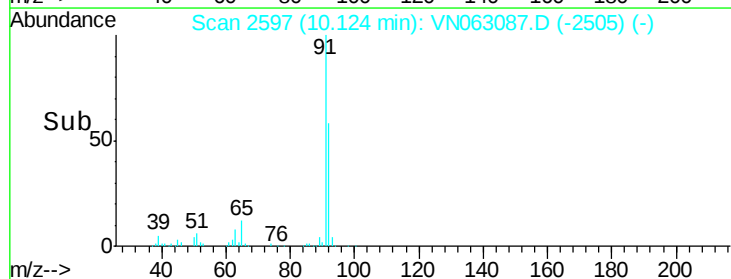
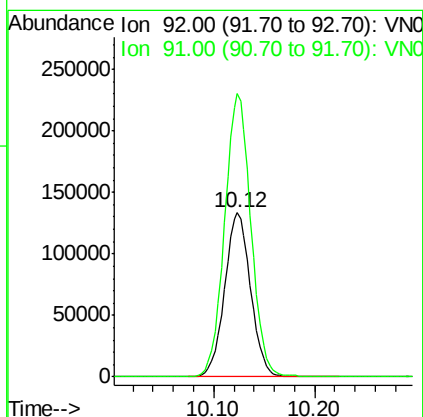
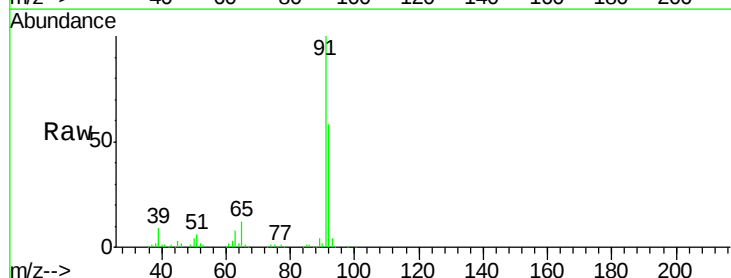
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

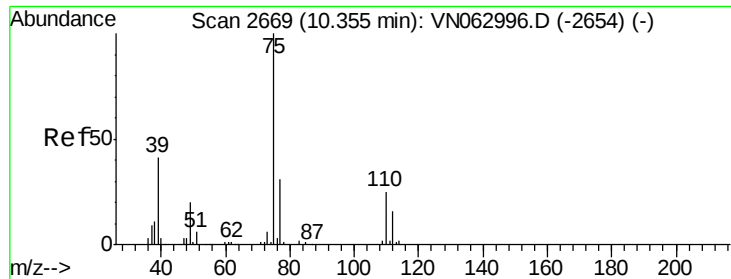
Tgt Ion: 43 Resp: 619083
 Ion Ratio Lower Upper
 43 100
 58 39.9 32.2 48.2



#52
 Toluene
 Concen: 49.598 ug/l
 RT: 10.12 min Scan# 2597
 Delta R.T. -0.00 min
 Lab File: VN063087.D
 Acq: 24 Aug 2020 11:43

Tgt Ion: 92 Resp: 239716
 Ion Ratio Lower Upper
 92 100
 91 174.4 139.2 208.8

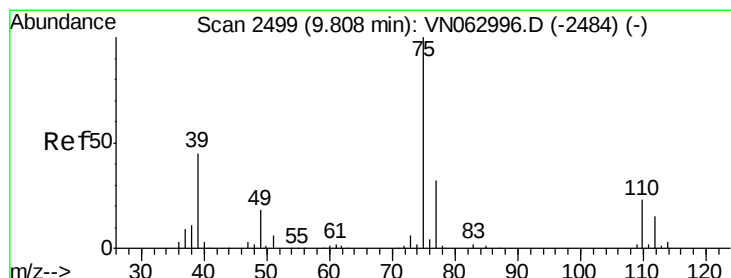
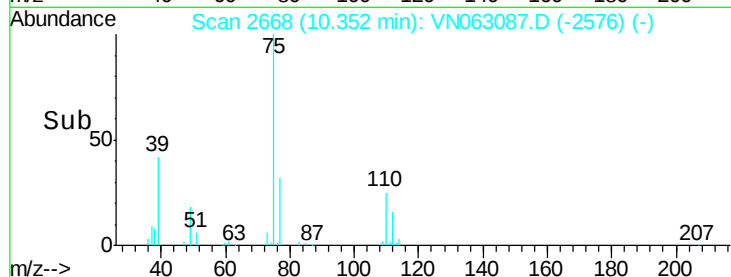
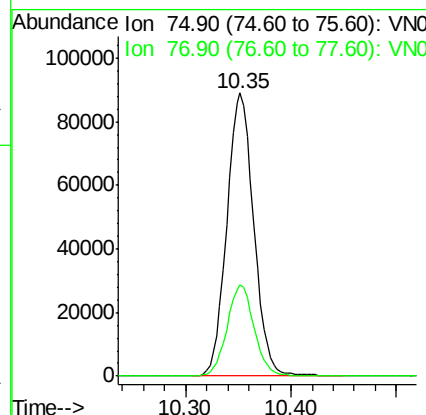
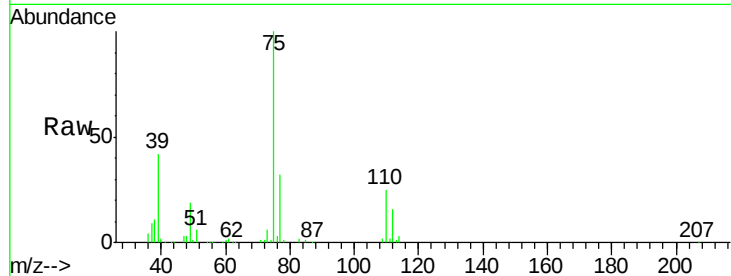




#53
 t-1,3-Dichloropropene
 Concen: 51.869 ug/l
 RT: 10.35 min Scan# 2668
 Delta R.T. -0.00 min
 Lab File: VN063087.D
 Acq: 24 Aug 2020 11:43

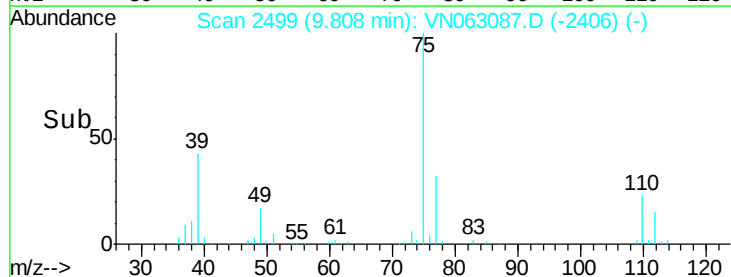
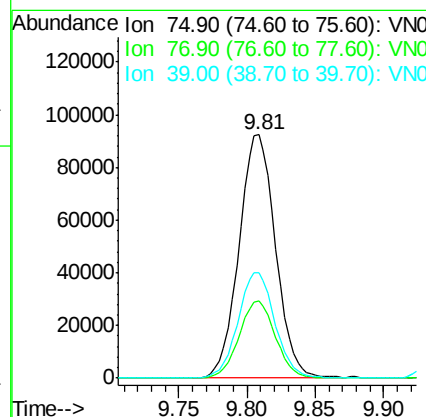
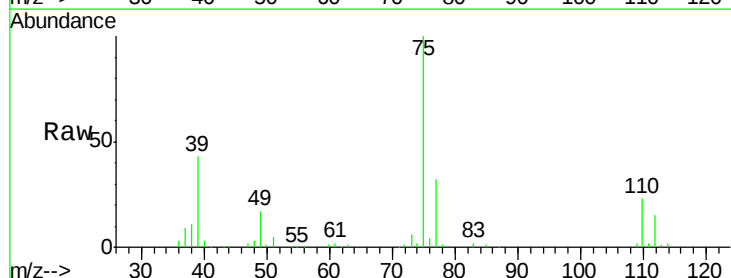
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

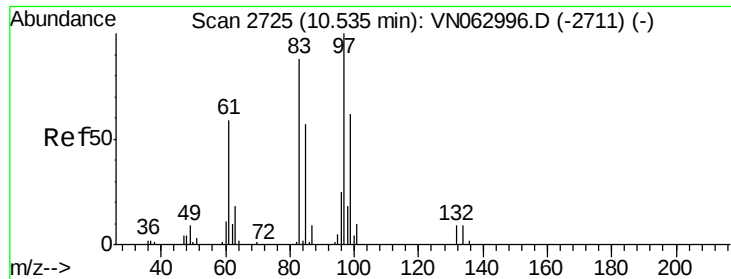
Tgt Ion: 75 Resp: 157180
 Ion Ratio Lower Upper
 75 100
 77 32.2 24.6 37.0



#54
 cis-1,3-Dichloropropene
 Concen: 51.673 ug/l
 RT: 9.81 min Scan# 2499
 Delta R.T. -0.00 min
 Lab File: VN063087.D
 Acq: 24 Aug 2020 11:43

Tgt Ion: 75 Resp: 171774
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.4 38.2
 39 43.1 35.7 53.5





#55

1,1,2-Trichloroethane

Concen: 49.898 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN063087.D

Acq: 24 Aug 2020 11:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 103120

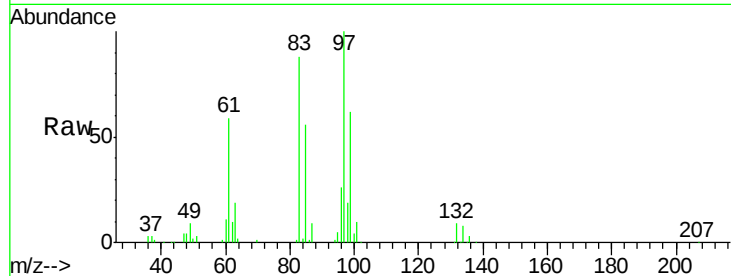
Ion Ratio Lower Upper

97 100

83 87.9 70.5 105.7

85 56.3 45.8 68.6

99 61.9 49.7 74.5



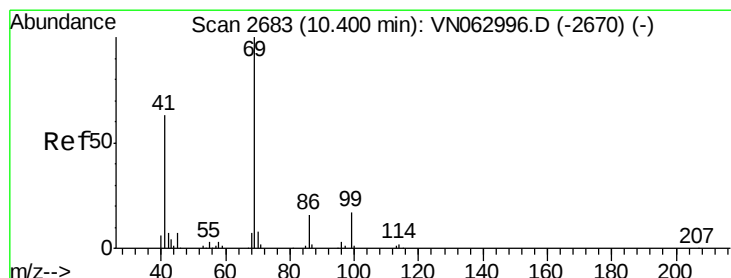
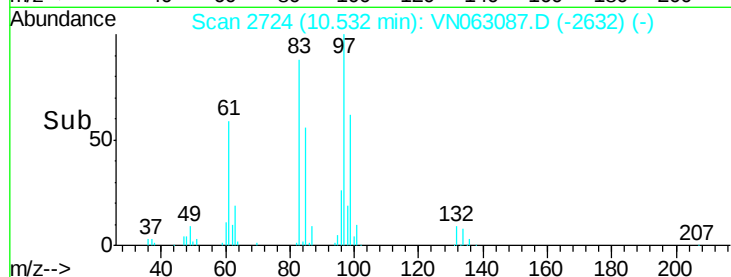
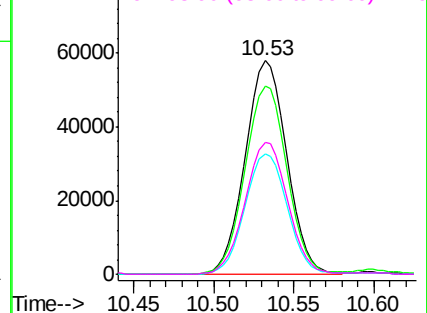
Abundance

Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56

Ethyl methacrylate

Concen: 46.306 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. 0.00 min

Lab File: VN063087.D

Acq: 24 Aug 2020 11:43

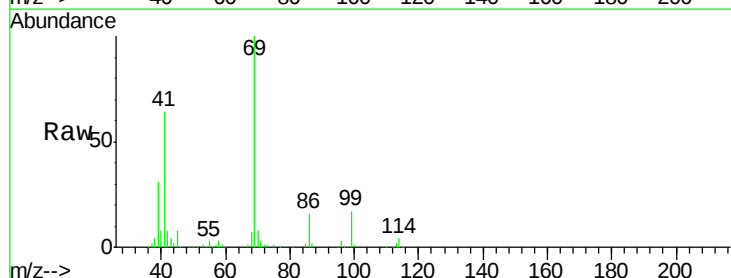
Tgt Ion: 69 Resp: 147375

Ion Ratio Lower Upper

69 100

41 62.8 50.2 75.2

39 30.9 24.2 36.4

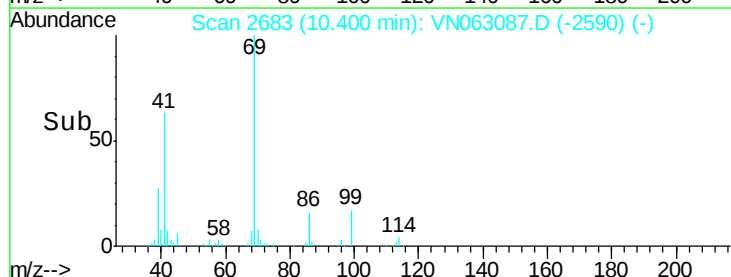
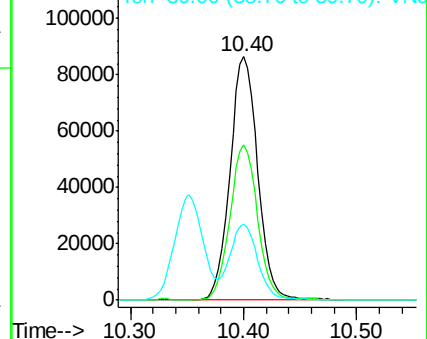


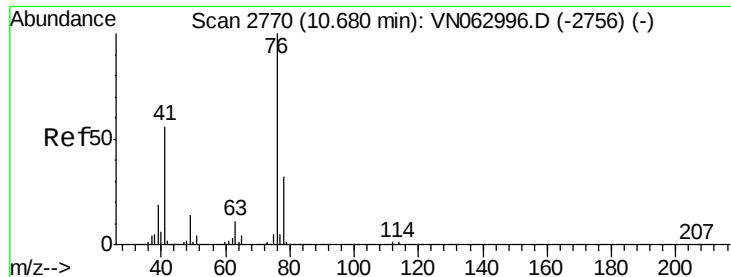
Abundance

Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

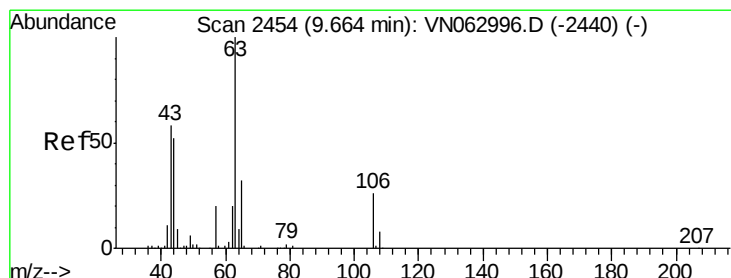
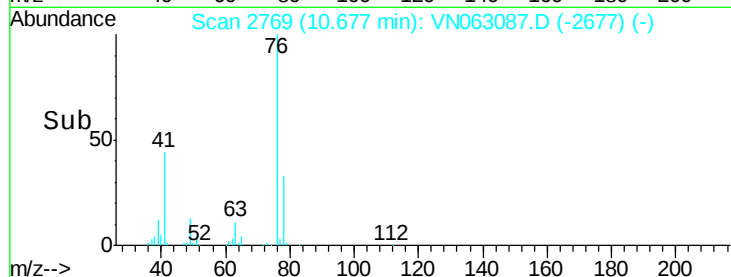
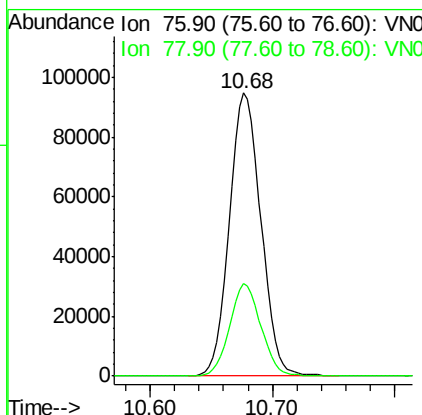
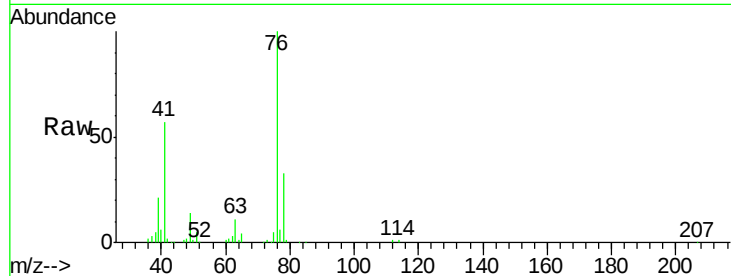




#57
 1,3-Dichloropropane
 Concen: 49.680 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN063087.D
 Acq: 24 Aug 2020 11:43

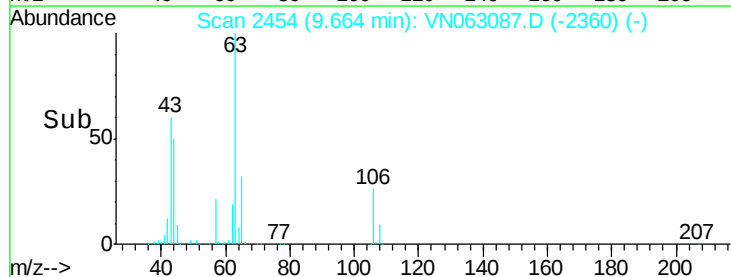
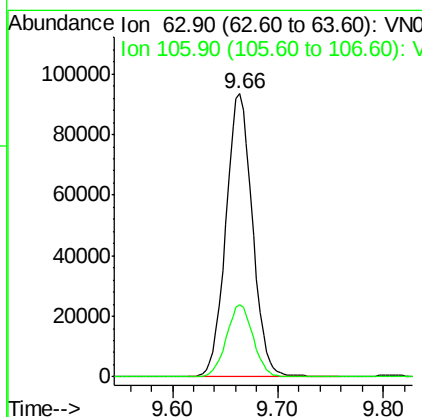
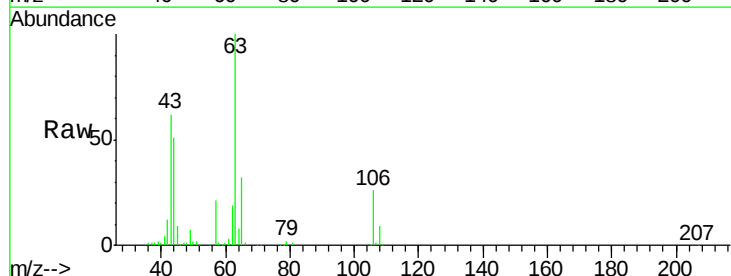
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

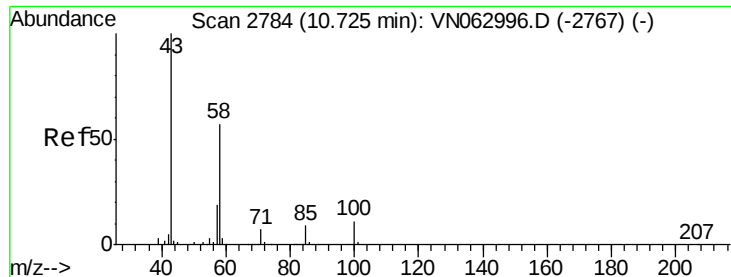
Tgt Ion: 76 Resp: 170487
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 211.466 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN063087.D
 Acq: 24 Aug 2020 11:43

Tgt Ion: 63 Resp: 162561
 Ion Ratio Lower Upper
 63 100
 106 25.6 20.7 31.1

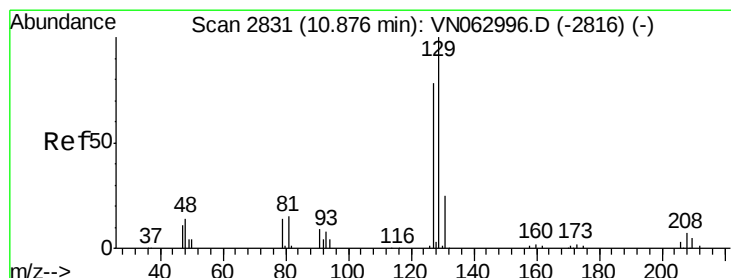
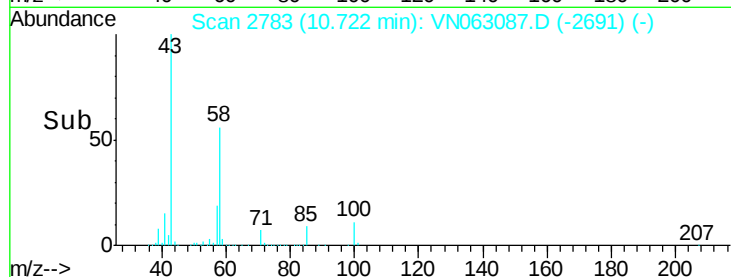
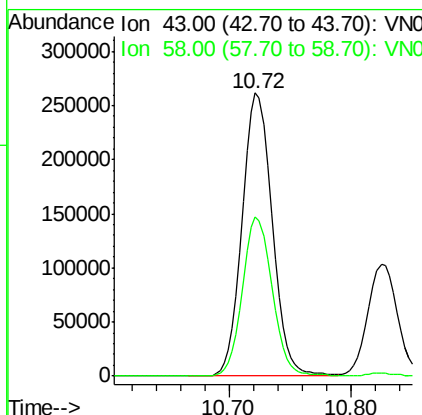
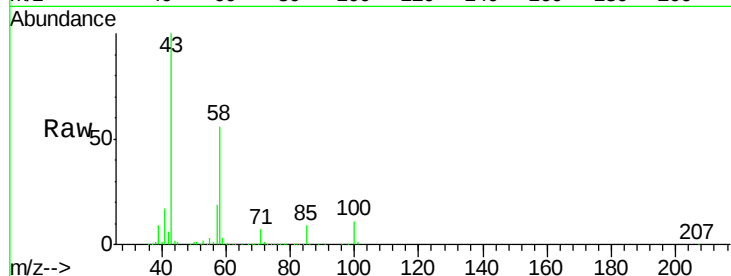




#59
2-Hexanone
Concen: 257.473 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN063087.D
Acq: 24 Aug 2020 11:43

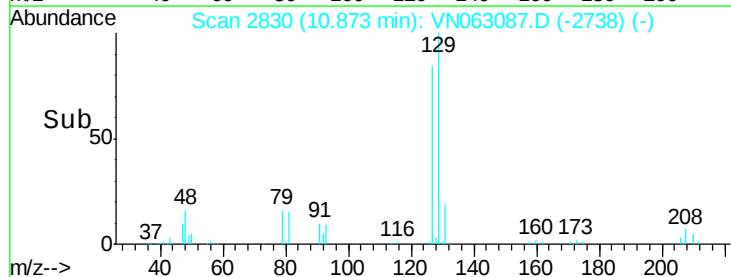
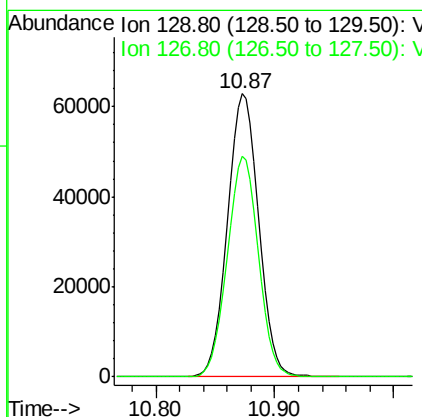
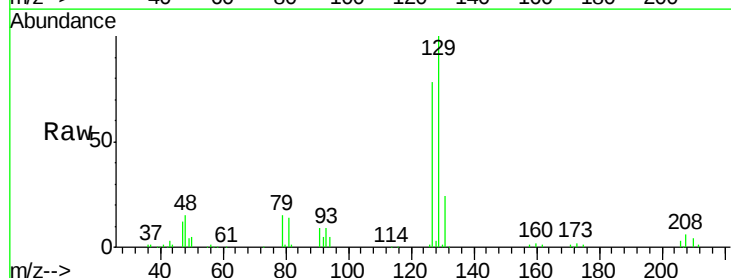
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

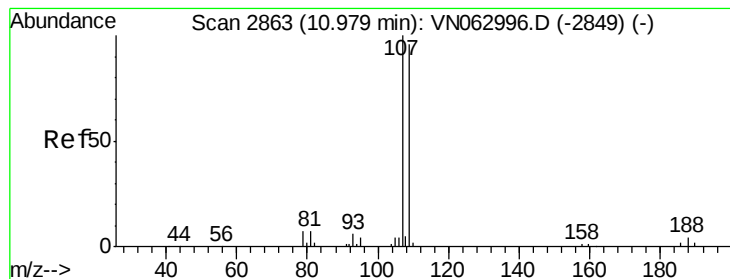
Tgt Ion: 43 Resp: 445162
Ion Ratio Lower Upper
43 100
58 55.6 28.1 84.3



#60
Dibromochloromethane
Concen: 50.081 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN063087.D
Acq: 24 Aug 2020 11:43

Tgt Ion: 129 Resp: 114537
Ion Ratio Lower Upper
129 100
127 77.5 38.4 115.2





#61

1,2-Dibromoethane

Concen: 51.268 ug/l

RT: 10.98 min Scan# 2862

Delta R.T. -0.00 min

Lab File: VN063087.D

Acq: 24 Aug 2020 11:43

Instrument :

MSVOA_N

ClientSampleId :

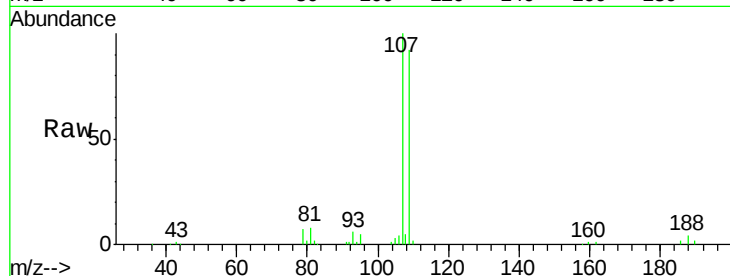
VSTDCCC050

Tgt Ion: 107 Resp: 101805

Ion Ratio Lower Upper

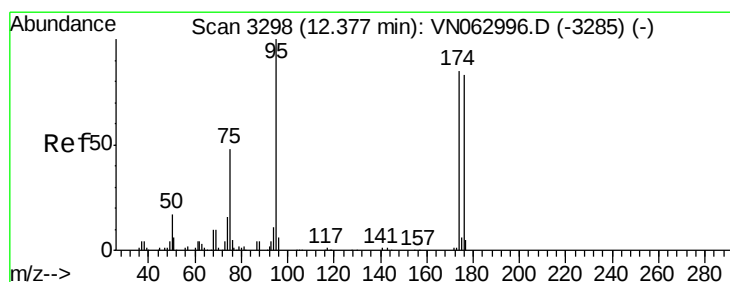
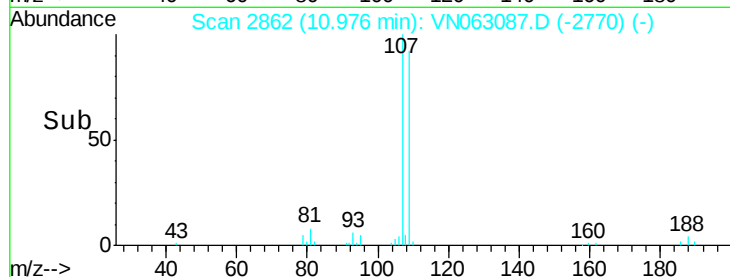
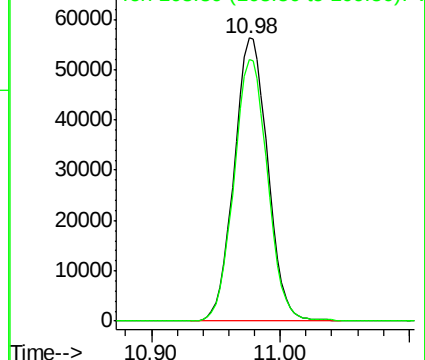
107 100

109 92.9 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.503 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.00 min

Lab File: VN063087.D

Acq: 24 Aug 2020 11:43

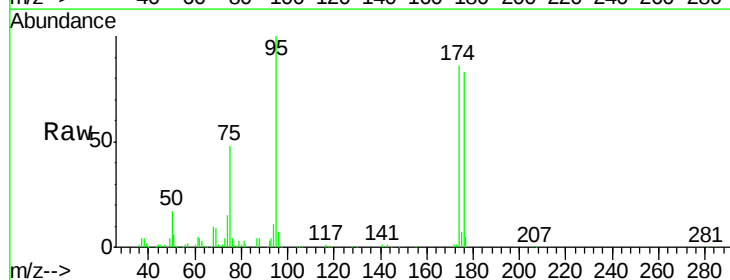
Tgt Ion: 95 Resp: 130393

Ion Ratio Lower Upper

95 100

174 87.4 0.0 170.8

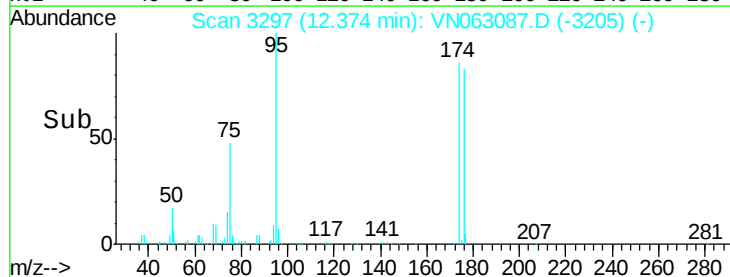
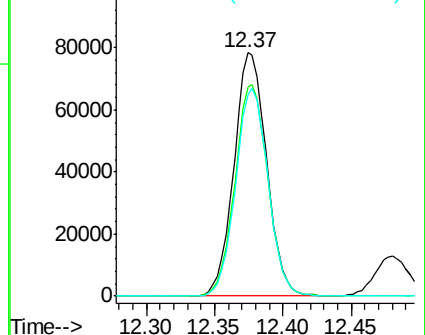
176 84.8 0.0 164.8

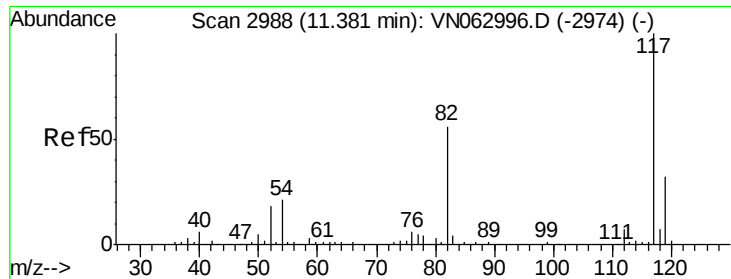


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

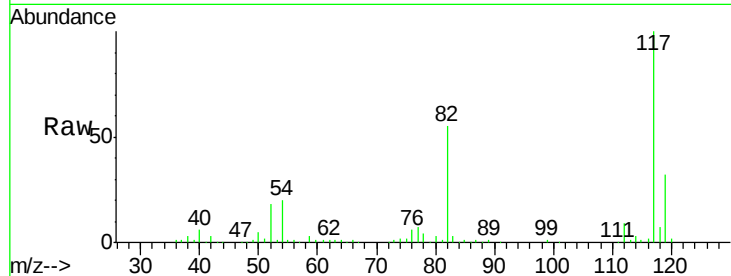




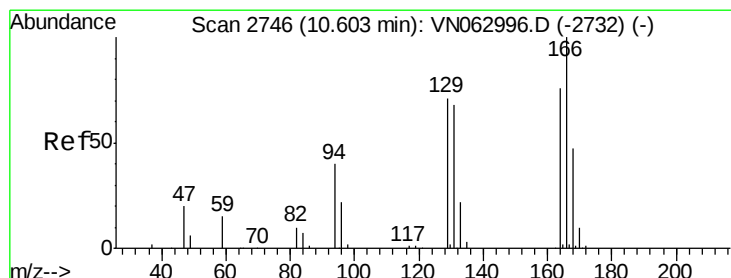
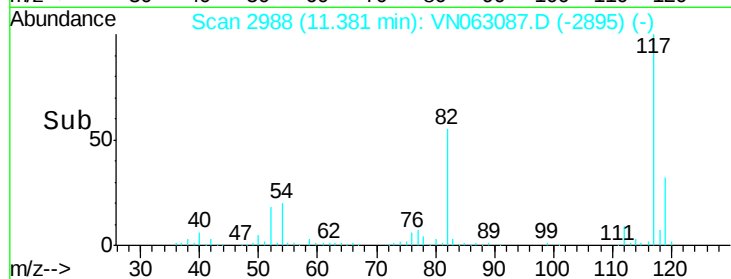
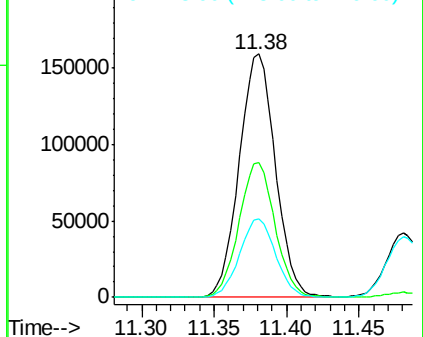
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN063087.D
Acq: 24 Aug 2020 11:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 277421
Ion Ratio Lower Upper
117 100
82 55.2 44.5 66.7
119 32.1 25.5 38.3

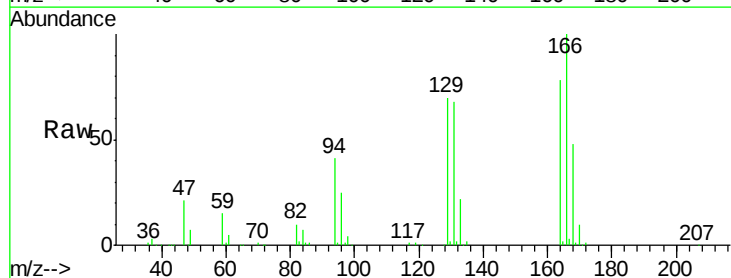


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

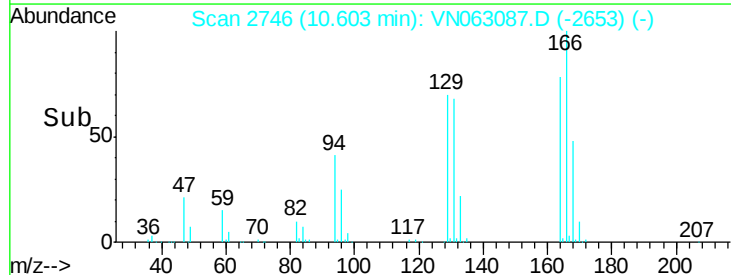
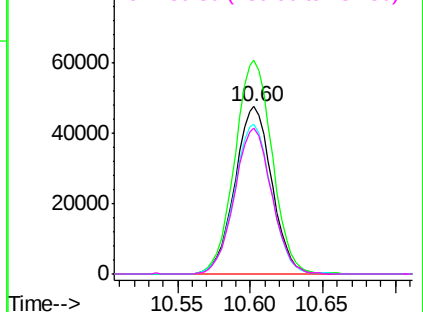


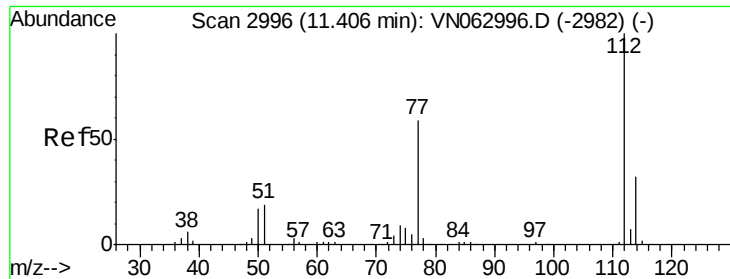
#64
Tetrachloroethene
Concen: 46.008 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN063087.D
Acq: 24 Aug 2020 11:43

Tgt Ion:164 Resp: 83900
Ion Ratio Lower Upper
164 100
166 127.6 105.0 157.6
129 89.6 74.7 112.1
131 87.3 71.0 106.4



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 47.965 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN063087.D

Acq: 24 Aug 2020 11:43

Instrument :

MSVOA_N

ClientSampleId :

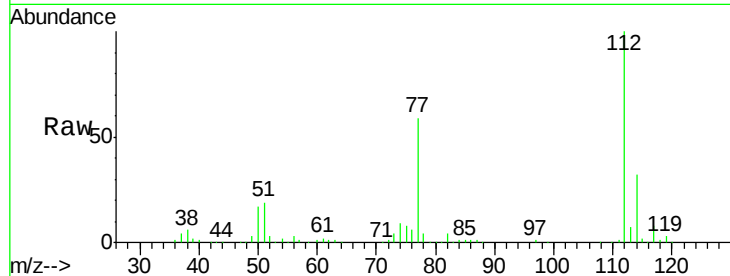
VSTDCCC050

Tgt Ion:112 Resp: 267242

Ion Ratio Lower Upper

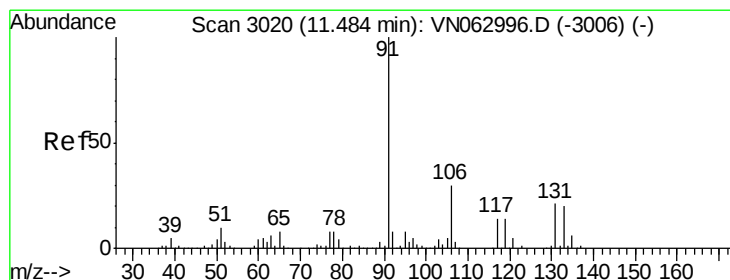
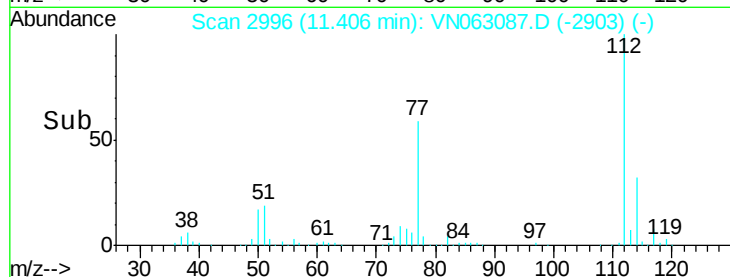
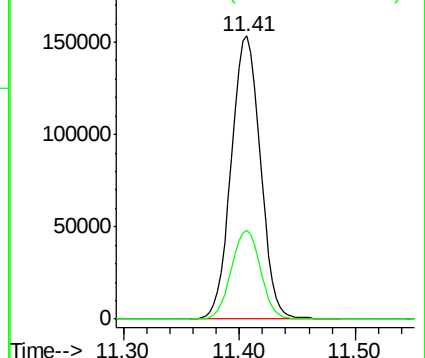
112 100

114 31.5 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 48.412 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. -0.00 min

Lab File: VN063087.D

Acq: 24 Aug 2020 11:43

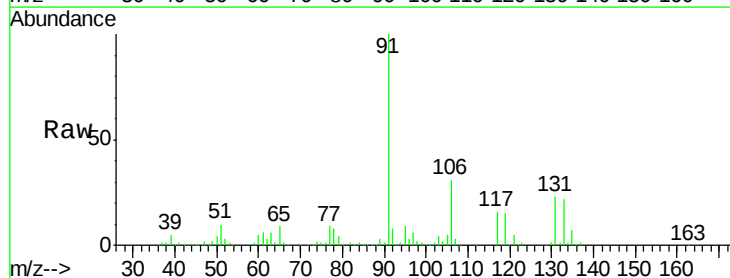
Tgt Ion:131 Resp: 104915

Ion Ratio Lower Upper

131 100

133 95.9 47.5 142.6

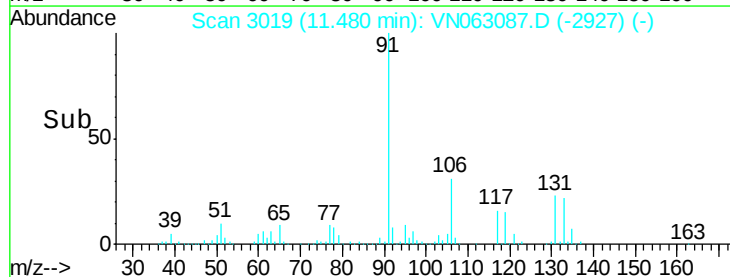
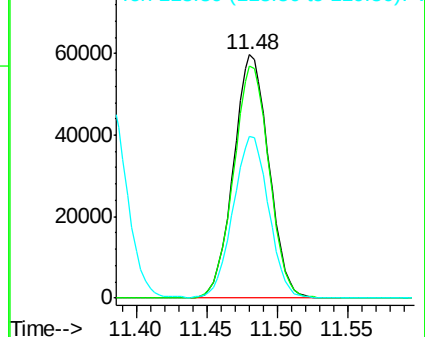
119 66.8 33.1 99.3

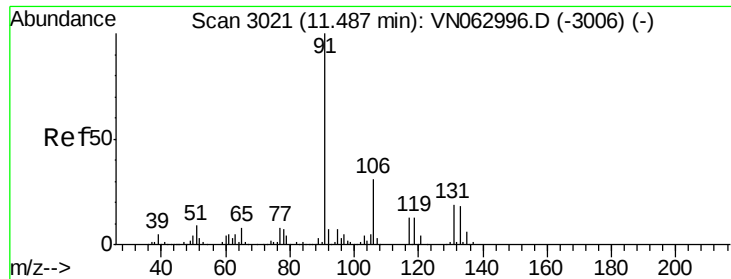


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

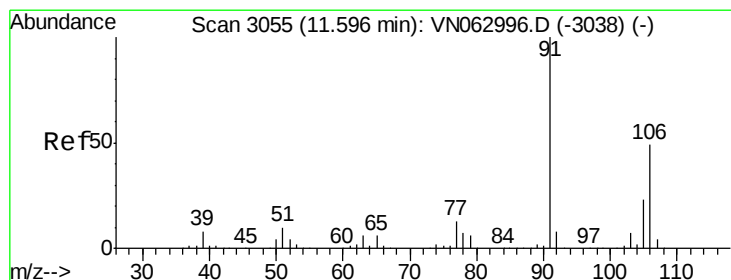
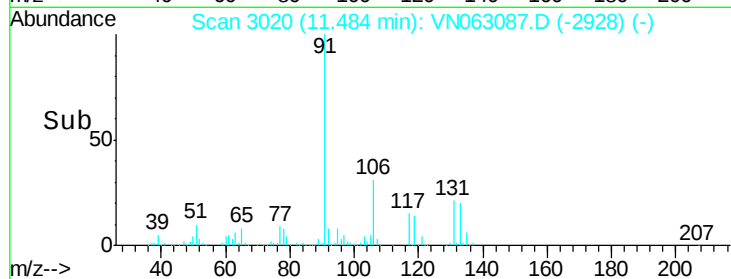
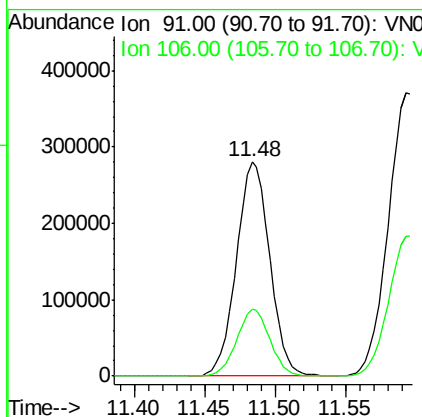
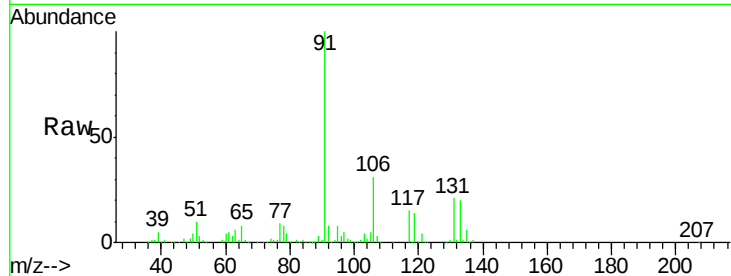




#67
Ethyl Benzene
Concen: 49.410 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN063087.D
Acq: 24 Aug 2020 11:43

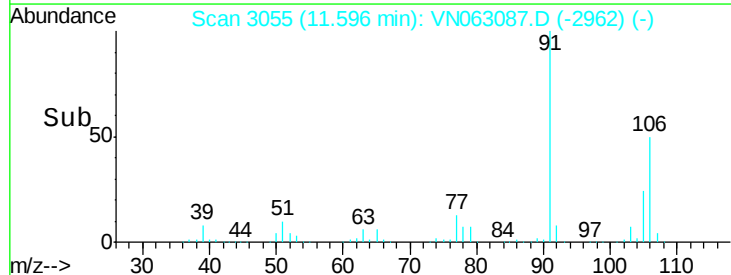
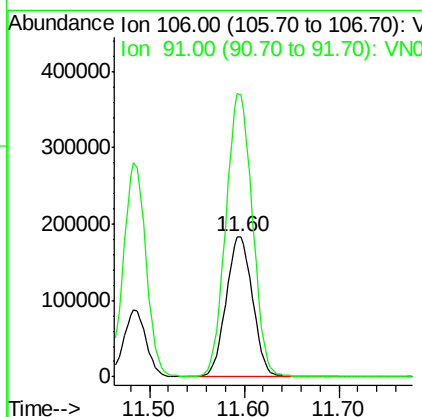
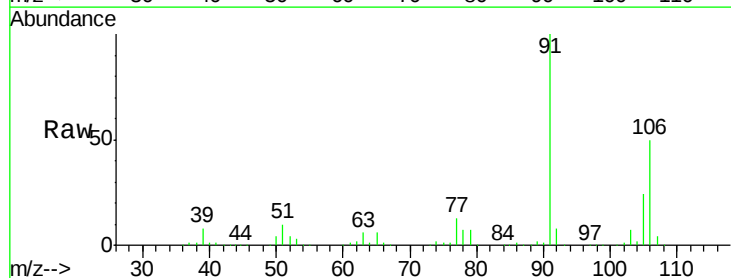
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

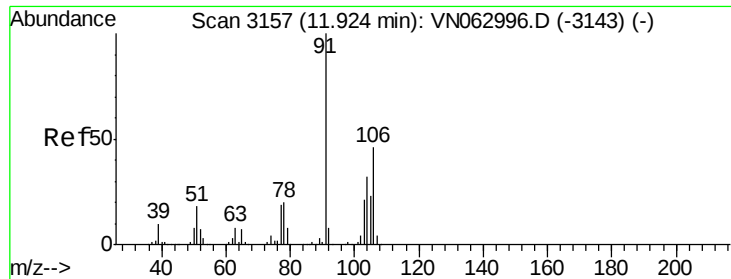
Tgt Ion: 91 Resp: 465170
Ion Ratio Lower Upper
91 100
106 31.0 24.6 37.0



#68
m/p-Xylenes
Concen: 102.113 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. -0.00 min
Lab File: VN063087.D
Acq: 24 Aug 2020 11:43

Tgt Ion: 106 Resp: 357298
Ion Ratio Lower Upper
106 100
91 202.8 163.0 244.4

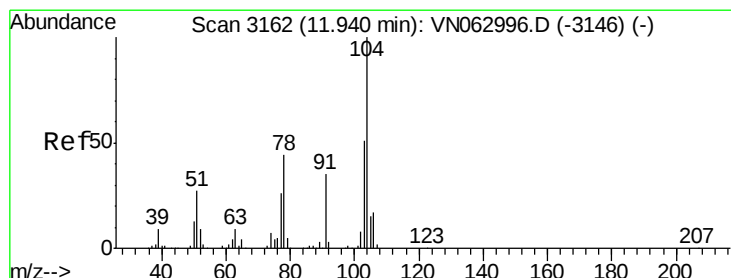
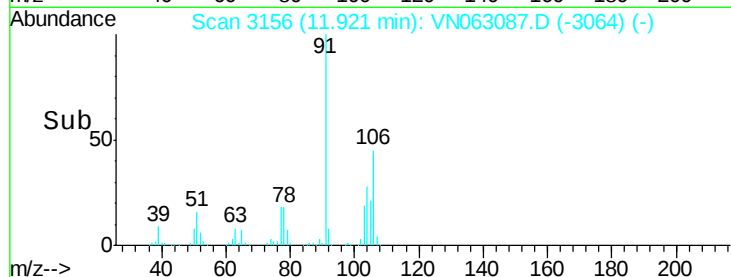
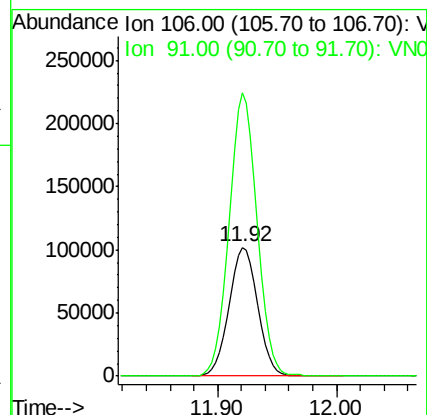
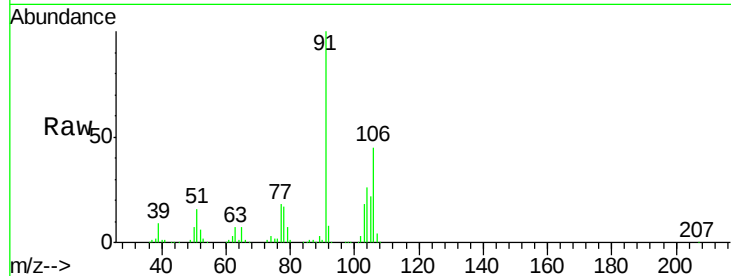




#69
o-Xylene
Concen: 50.583 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN063087.D
Acq: 24 Aug 2020 11:43

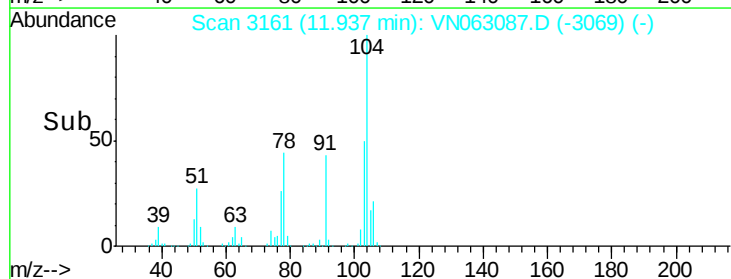
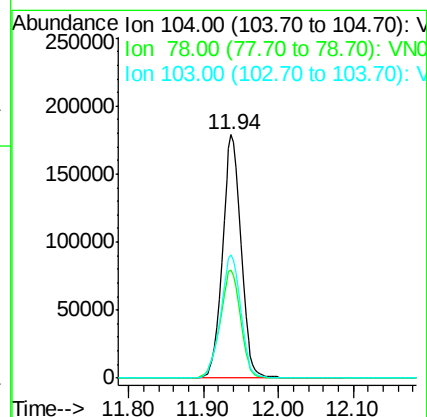
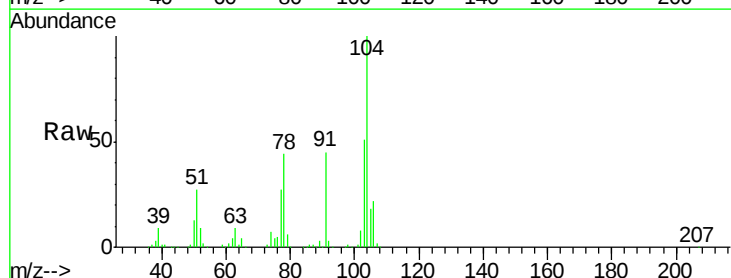
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

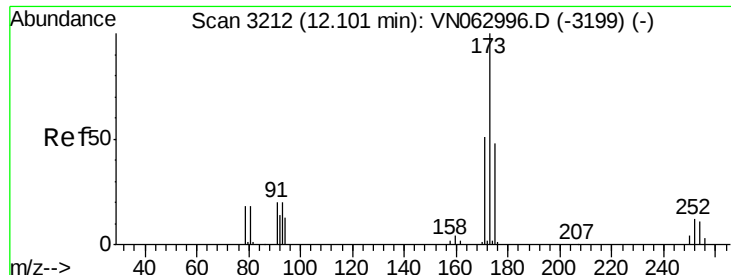
Tgt Ion:106 Resp: 169962
Ion Ratio Lower Upper
106 100
91 214.2 107.3 321.9



#70
Styrene
Concen: 46.218 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN063087.D
Acq: 24 Aug 2020 11:43

Tgt Ion:104 Resp: 307171
Ion Ratio Lower Upper
104 100
78 48.9 39.0 58.6
103 54.9 44.3 66.5





#71

Bromoform

Concen: 49.919 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN063087.D

Acq: 24 Aug 2020 11:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

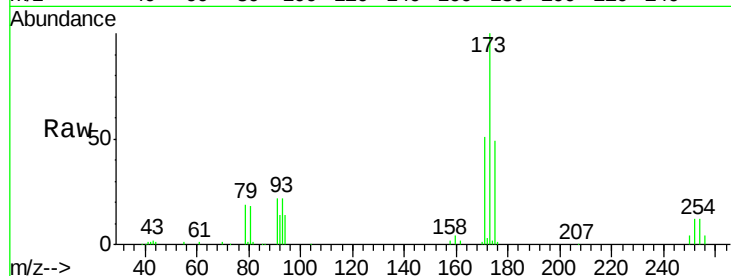
Tgt Ion:173 Resp: 86109

Ion Ratio Lower Upper

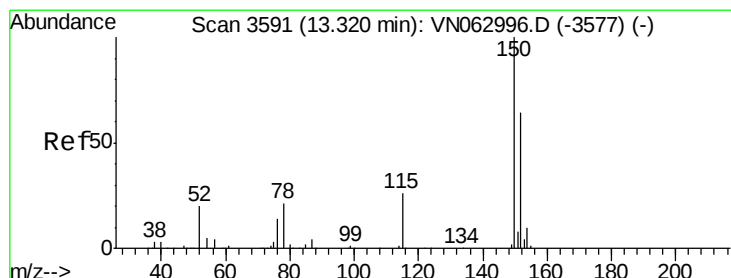
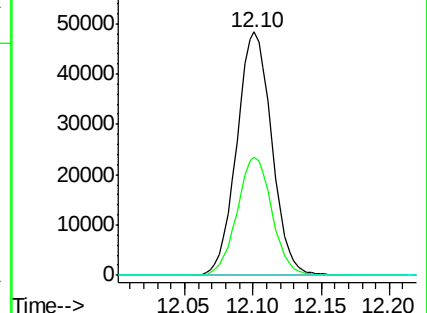
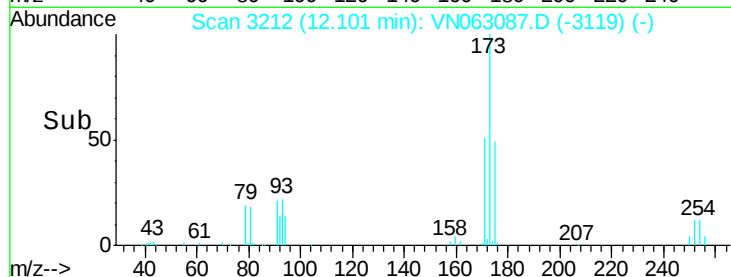
173 100

175 48.2 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# 3590

Delta R.T. -0.00 min

Lab File: VN063087.D

Acq: 24 Aug 2020 11:43

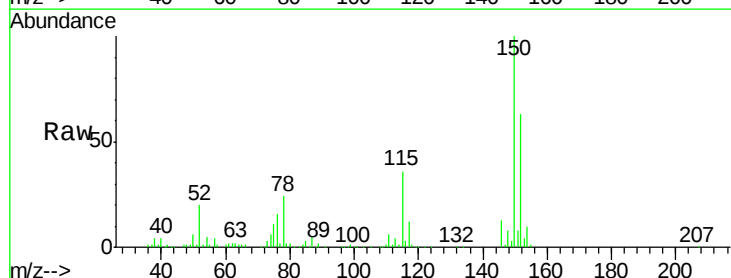
Tgt Ion:152 Resp: 136383

Ion Ratio Lower Upper

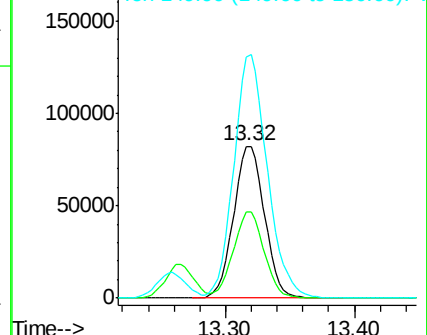
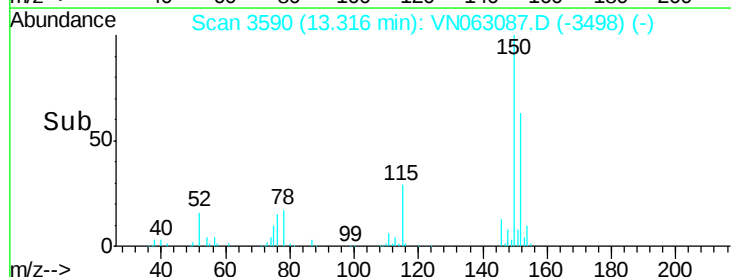
152 100

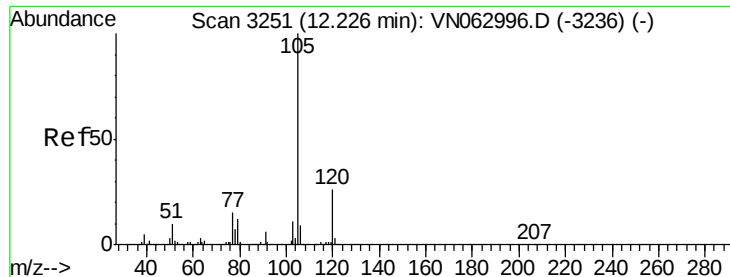
115 56.3 28.7 86.3

150 174.1 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: 48.825 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN063087.D

Acq: 24 Aug 2020 11:43

Instrument :

MSVOA_N

ClientSampleId :

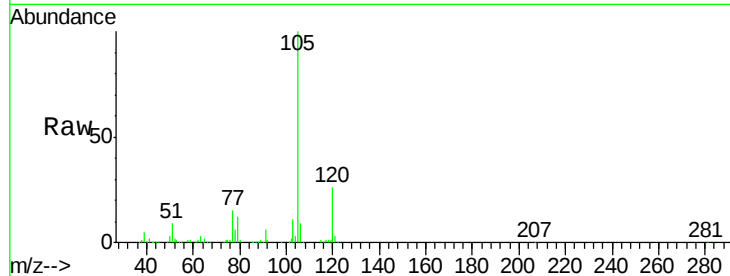
VSTDCCC050

Tgt Ion: 105 Resp: 456007

Ion Ratio Lower Upper

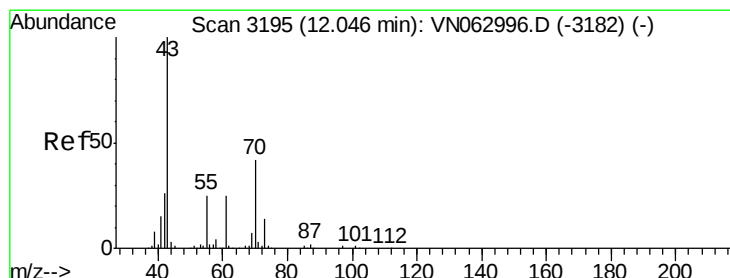
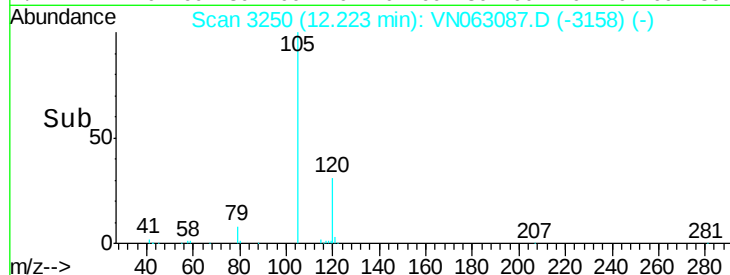
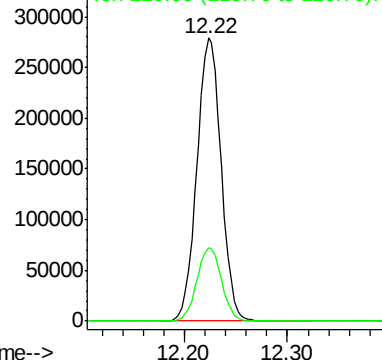
105 100

120 26.4 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.806 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN063087.D

Acq: 24 Aug 2020 11:43

Tgt Ion: 43 Resp: 173289

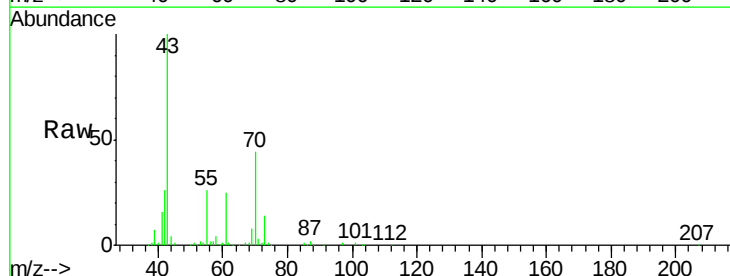
Ion Ratio Lower Upper

43 100

70 43.1 33.4 50.0

55 26.7 20.2 30.2

61 24.8 19.9 29.9

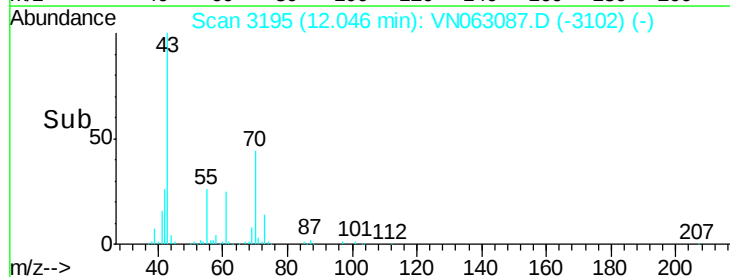
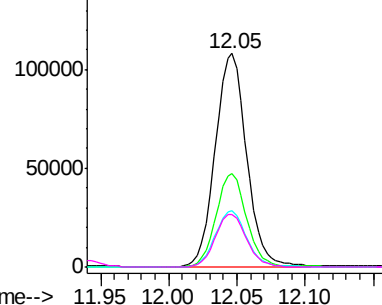


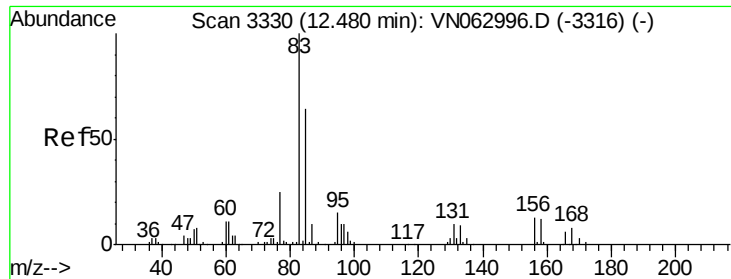
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 50.227 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN063087.D

Acq: 24 Aug 2020 11:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

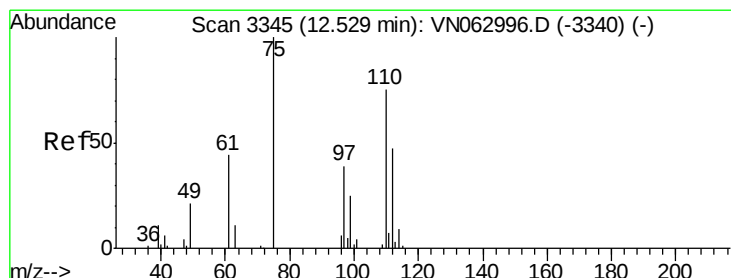
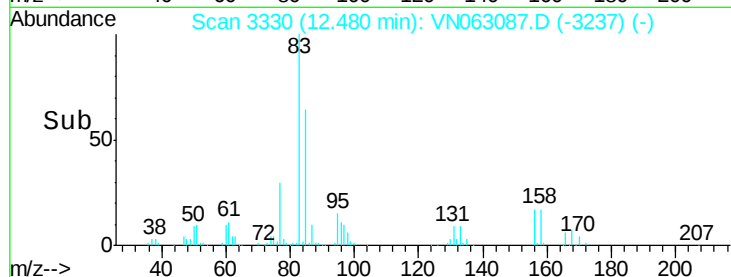
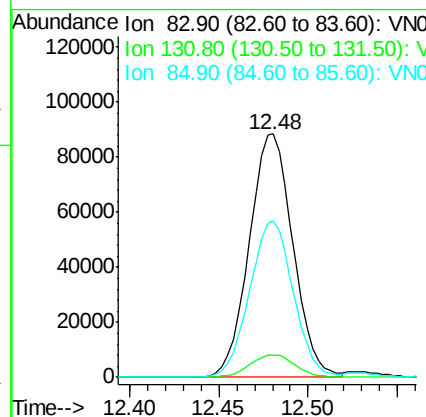
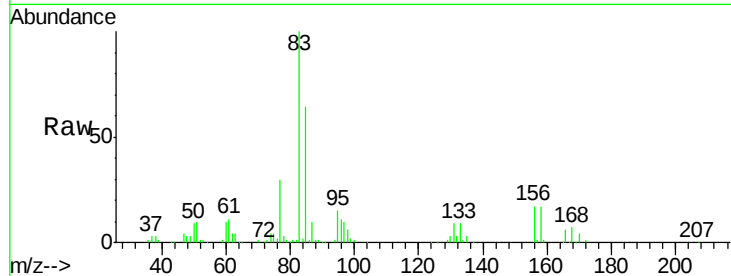
Tgt Ion: 83 Resp: 151349

Ion Ratio Lower Upper

83 100

131 9.7 4.9 14.7

85 64.1 31.9 95.5



#76

1,2,3-Trichloropropane

Concen: 70.556 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN063087.D

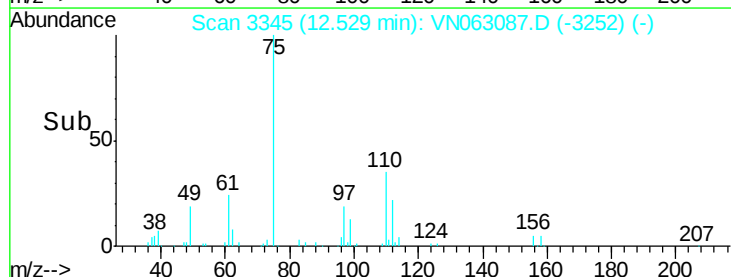
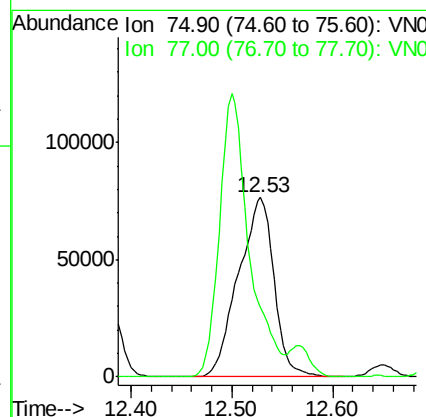
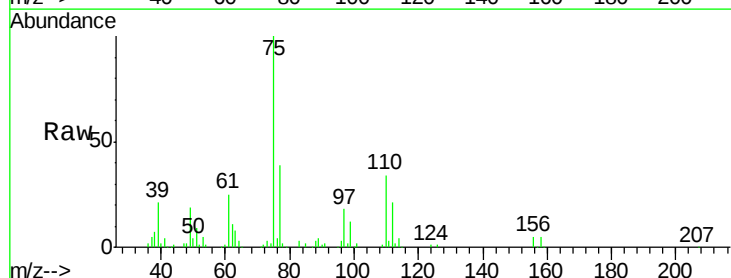
Acq: 24 Aug 2020 11:43

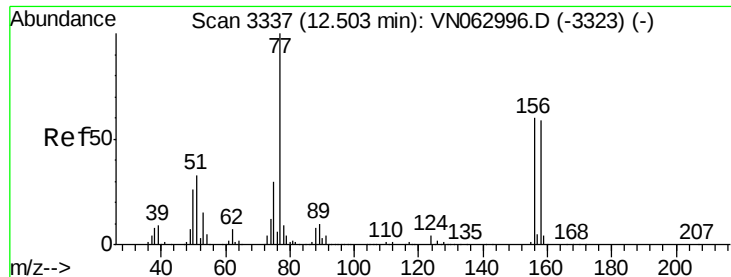
Tgt Ion: 75 Resp: 187043

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

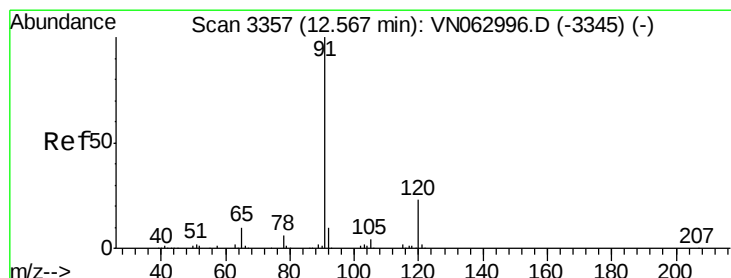
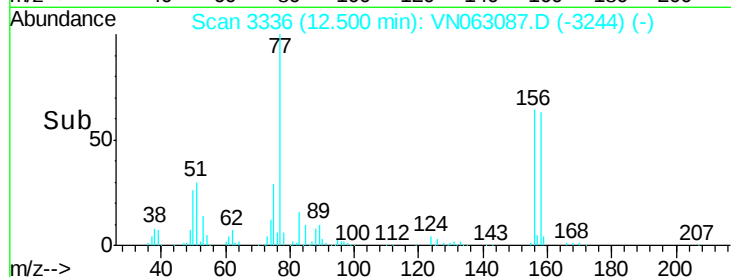
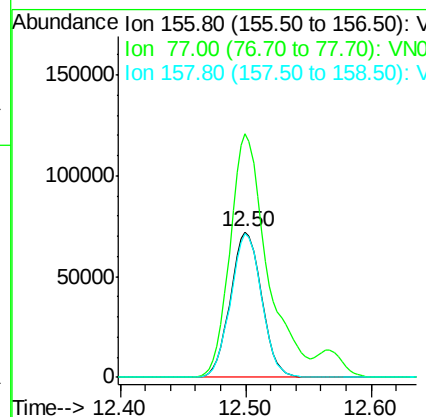
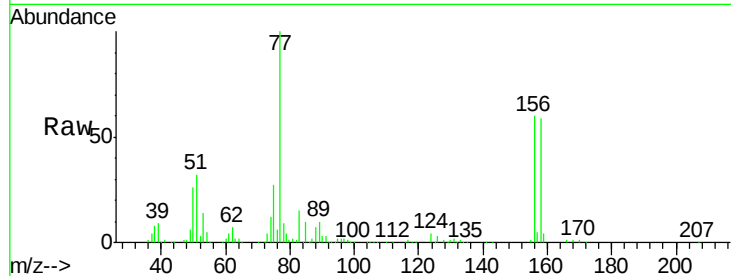




#77
Bromobenzene
Concen: 48.449 ug/l
RT: 12.50 min Scan# 3336
Delta R.T. -0.00 min
Lab File: VN063087.D
Acq: 24 Aug 2020 11:43

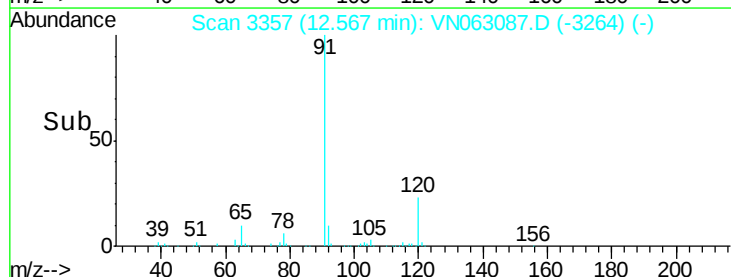
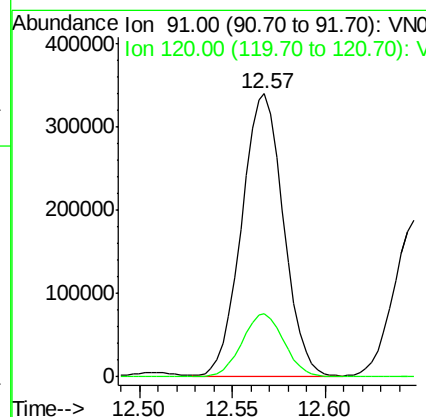
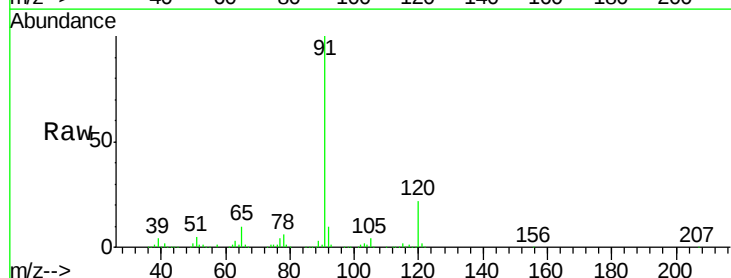
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

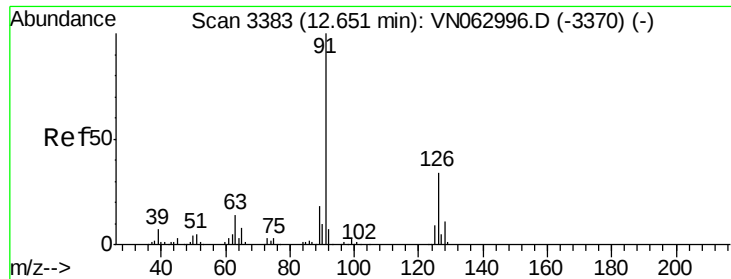
Tgt Ion:156 Resp: 124449
Ion Ratio Lower Upper
156 100
77 199.0 101.0 302.9
158 97.8 49.4 148.0



#78
n-propylbenzene
Concen: 49.826 ug/l
RT: 12.57 min Scan# 3357
Delta R.T. 0.00 min
Lab File: VN063087.D
Acq: 24 Aug 2020 11:43

Tgt Ion: 91 Resp: 530414
Ion Ratio Lower Upper
91 100
120 22.6 11.4 34.1

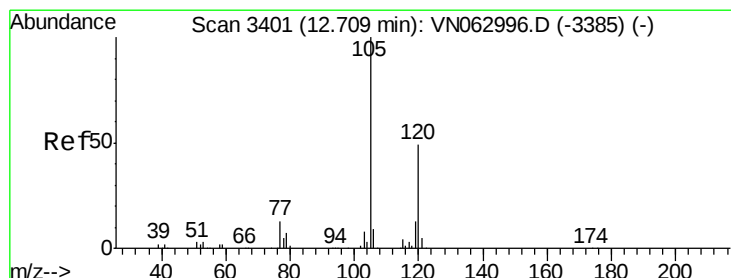
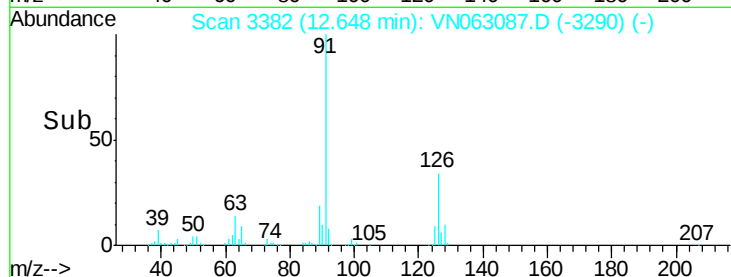
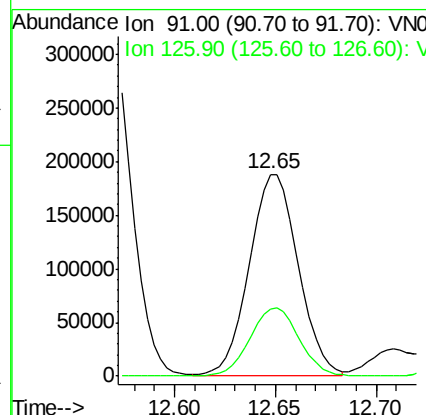
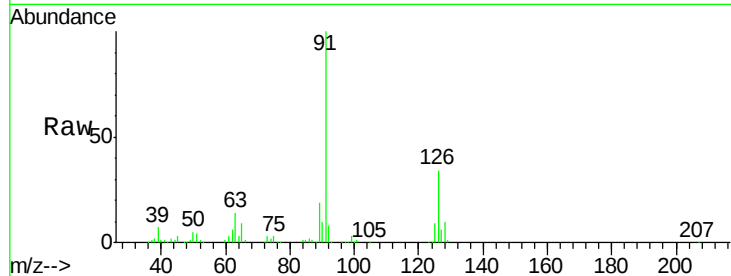




#79
 2-Chlorotoluene
 Concen: 47.238 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. -0.00 min
 Lab File: VN063087.D
 Acq: 24 Aug 2020 11:43

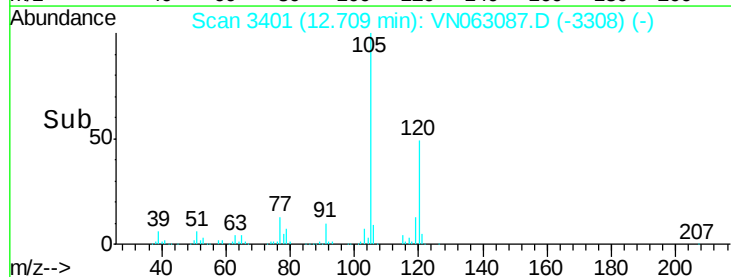
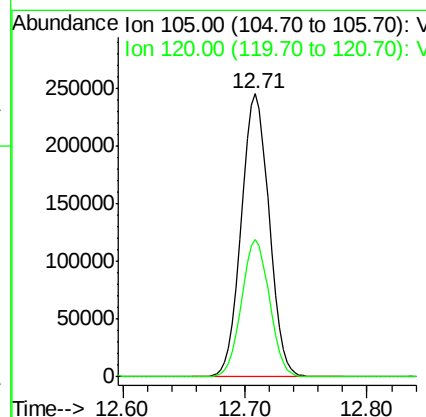
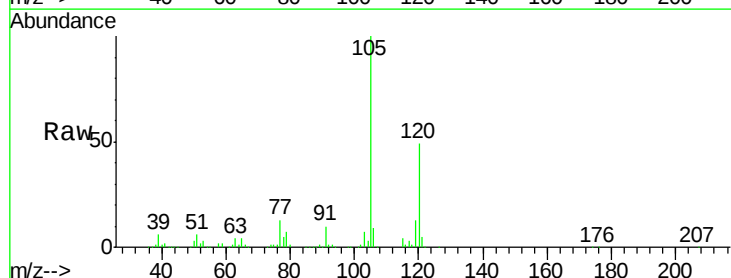
Instrument :
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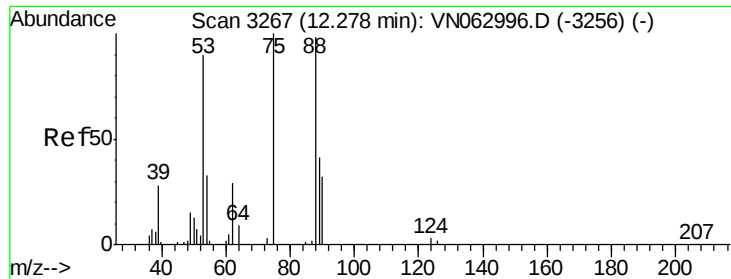
Tgt Ion: 91 Resp: 316300
 Ion Ratio Lower Upper
 91 100
 126 34.4 17.1 51.2



#80
 1,3,5-Trimethylbenzene
 Concen: 49.937 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN063087.D
 Acq: 24 Aug 2020 11:43

Tgt Ion: 105 Resp: 385542
 Ion Ratio Lower Upper
 105 100
 120 48.9 24.3 72.8

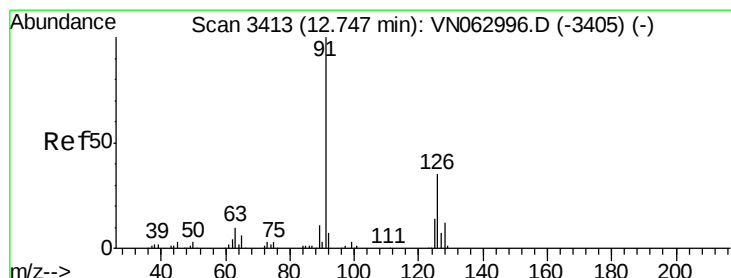
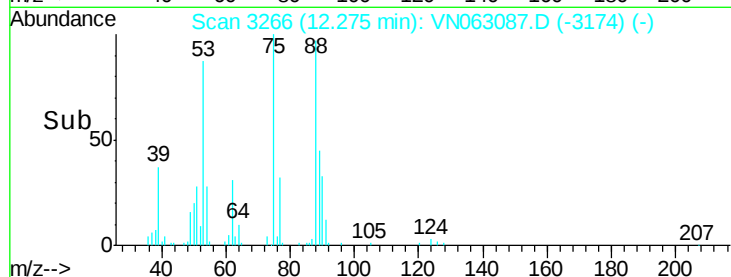
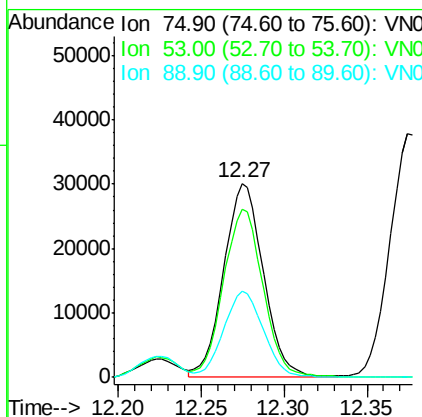
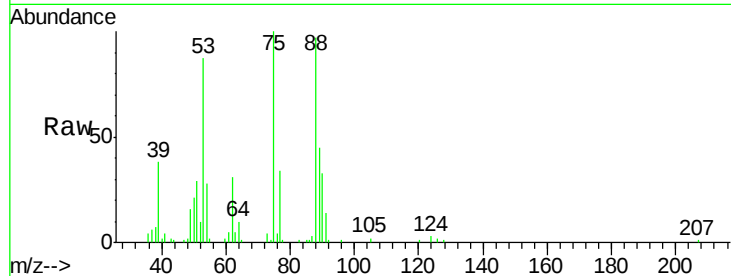




#81
trans-1,4-Dichloro-2-butene
Concen: 52.011 ug/l
RT: 12.27 min Scan# 3266
Delta R.T. -0.00 min
Lab File: VN063087.D
Acq: 24 Aug 2020 11:43

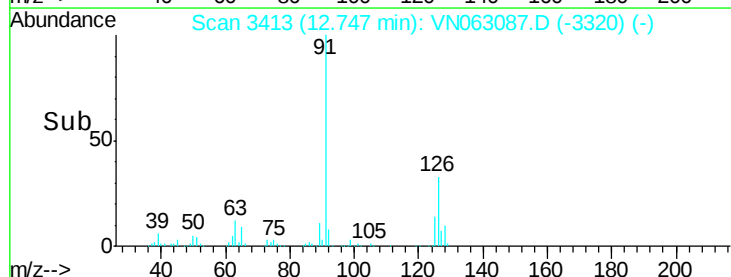
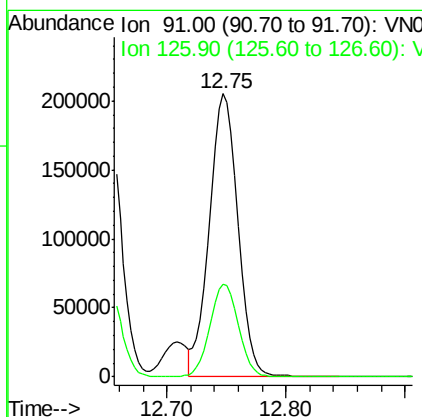
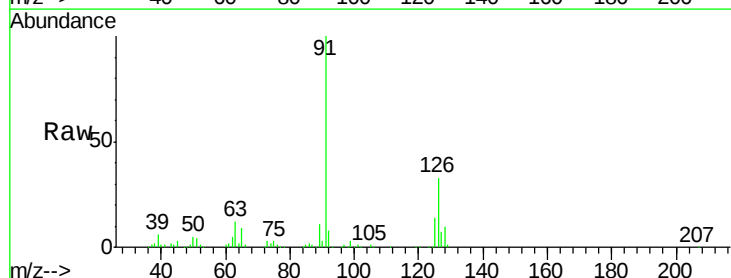
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MSVOA_N
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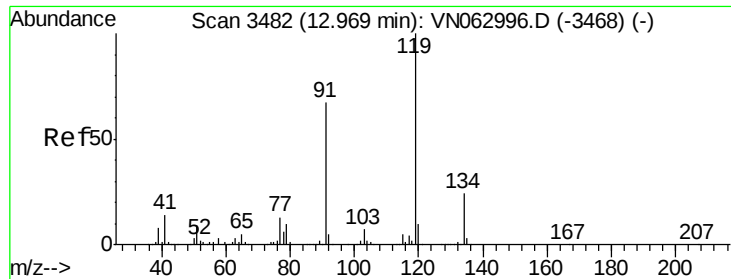
Tgt Ion: 75 Resp: 50203
Ion Ratio Lower Upper
75 100
53 86.7 69.2 103.8
89 44.3 34.2 51.4



#82
4-Chlorotoluene
Concen: 49.841 ug/l
RT: 12.75 min Scan# 3413
Delta R.T. -0.00 min
Lab File: VN063087.D
Acq: 24 Aug 2020 11:43

Tgt Ion: 91 Resp: 339820
Ion Ratio Lower Upper
91 100
126 32.8 16.5 49.5

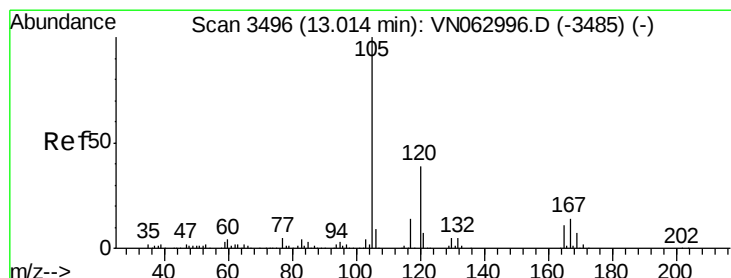
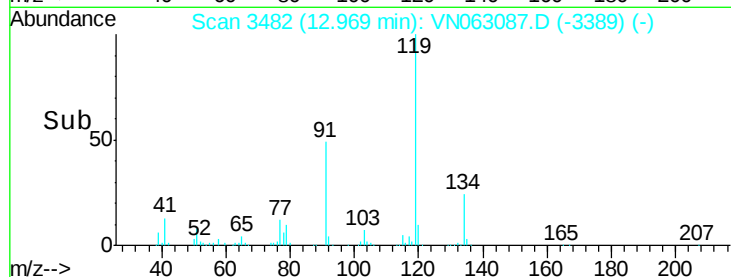
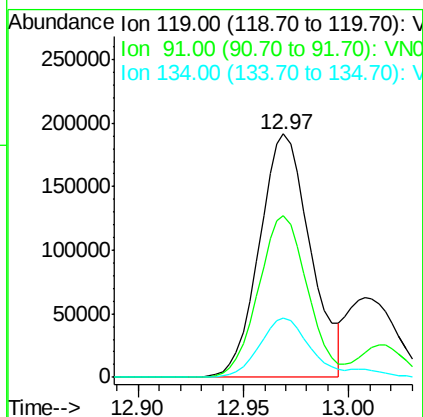
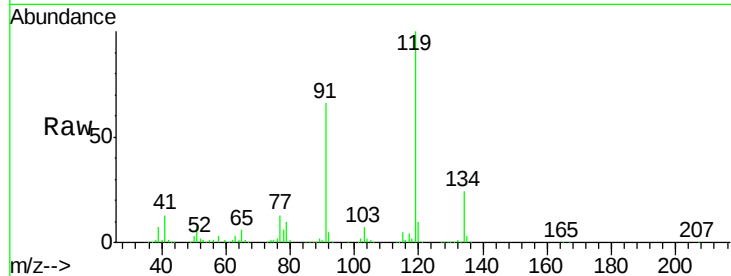




#83
 tert-Butylbenzene
 Concen: 48.332 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN063087.D
 Acq: 24 Aug 2020 11:43

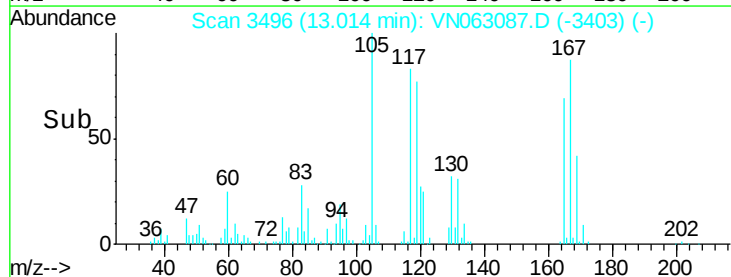
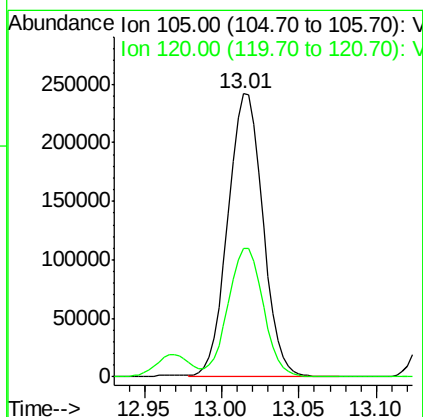
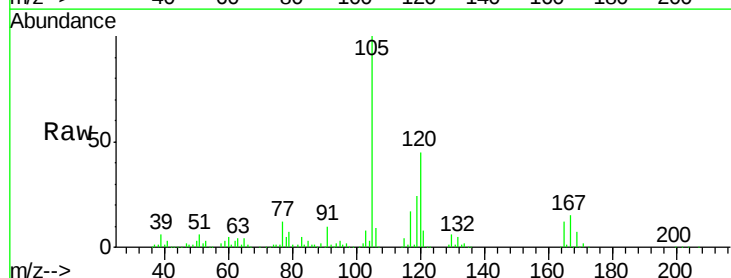
Instrument :
 MSVOA_N
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 VSTDCCC050

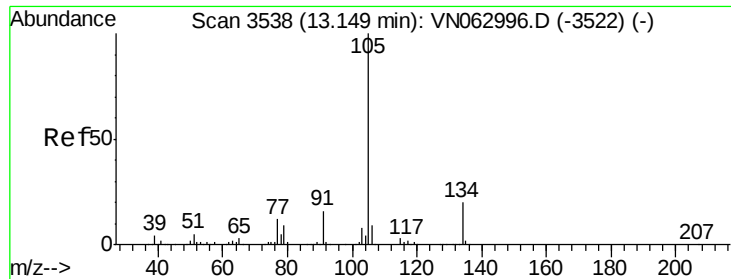
Tgt Ion:119 Resp: 322068
 Ion Ratio Lower Upper
 119 100
 91 64.3 32.5 97.4
 134 23.8 13.1 39.3



#84
 1,2,4-Trimethylbenzene
 Concen: 50.250 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN063087.D
 Acq: 24 Aug 2020 11:43

Tgt Ion:105 Resp: 377949
 Ion Ratio Lower Upper
 105 100
 120 46.0 22.5 67.5

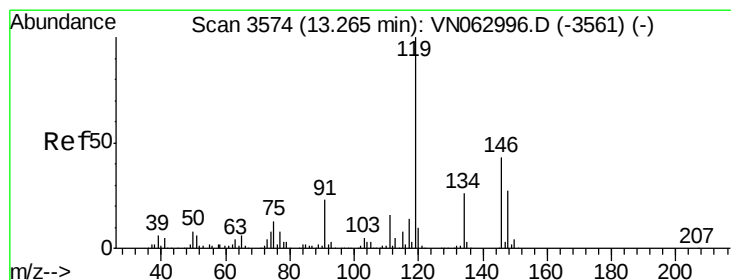
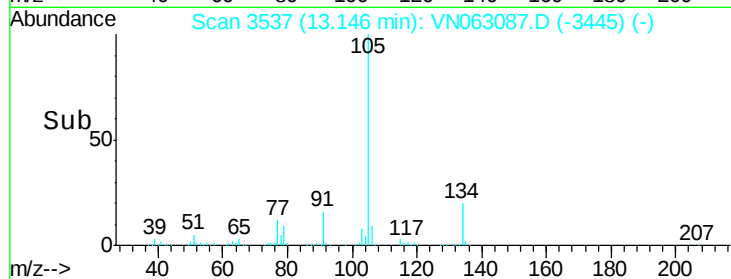
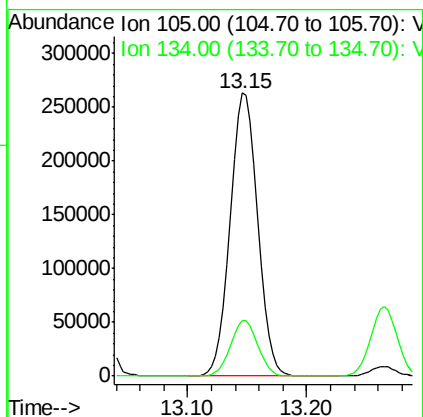
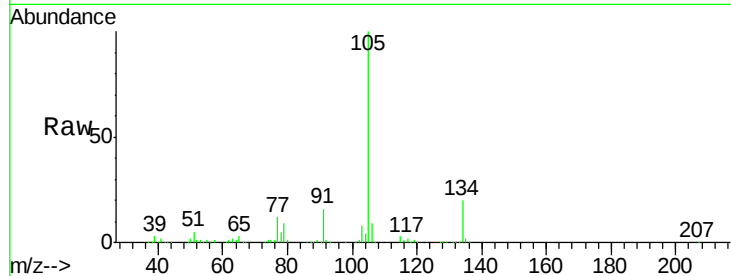




#85
 sec-Butylbenzene
 Concen: 46.781 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN063087.D
 Acq: 24 Aug 2020 11:43

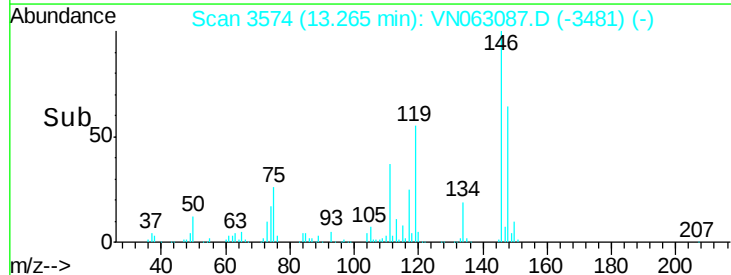
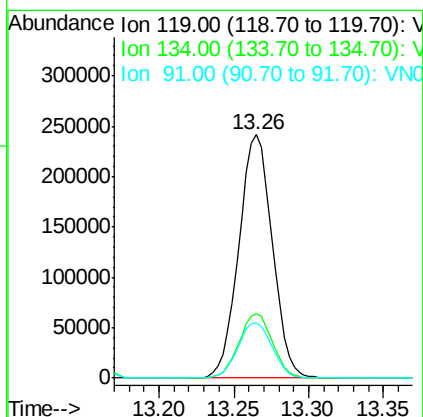
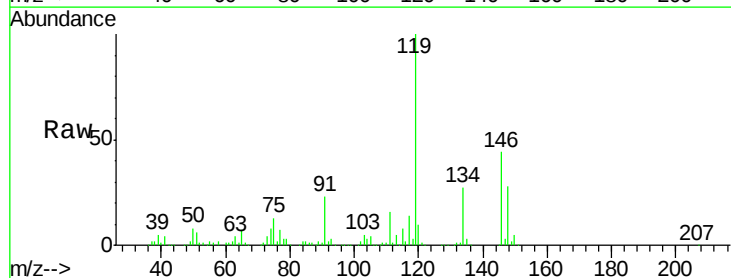
Instrument :
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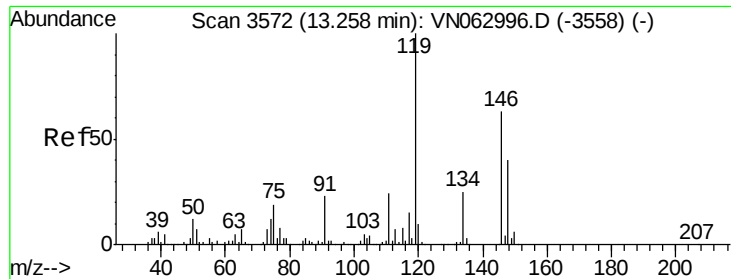
Tgt Ion:105 Resp: 421303
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 47.836 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN063087.D
 Acq: 24 Aug 2020 11:43

Tgt Ion:119 Resp: 375367
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.1 39.3
 91 23.2 11.5 34.4

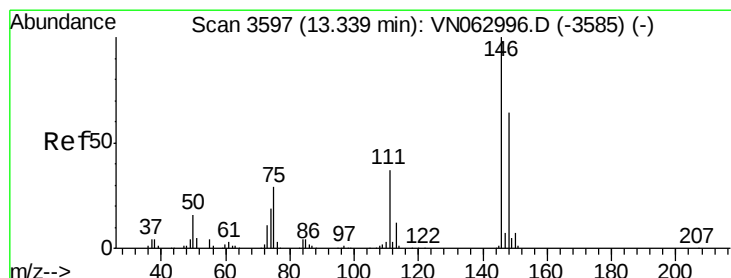
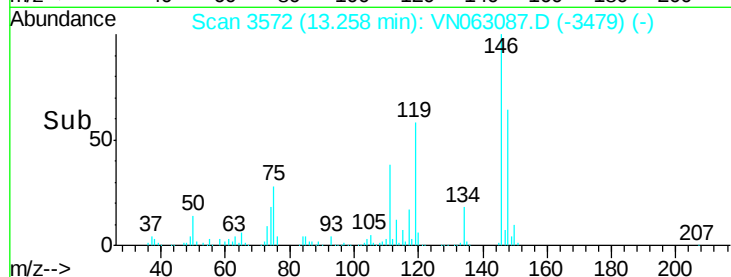
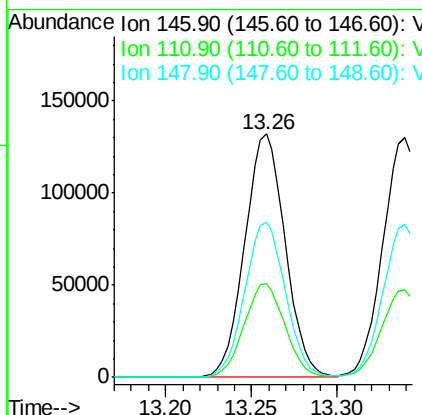
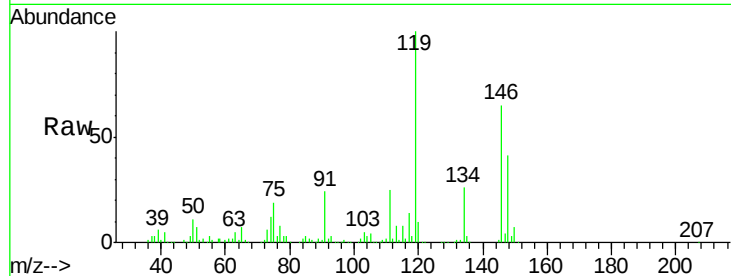




#87
 1,3-Dichlorobenzene
 Concen: 48.931 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN063087.D
 Acq: 24 Aug 2020 11:43

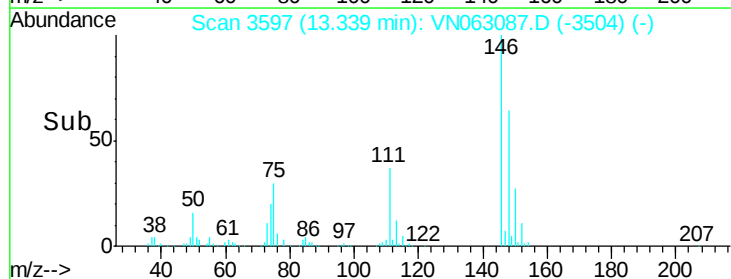
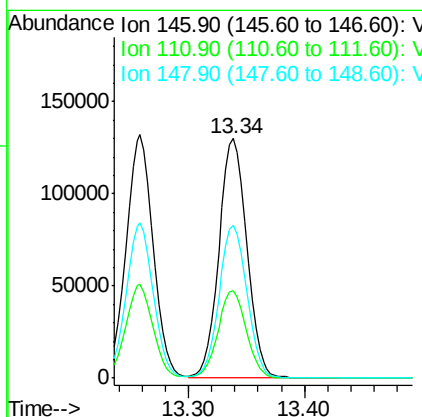
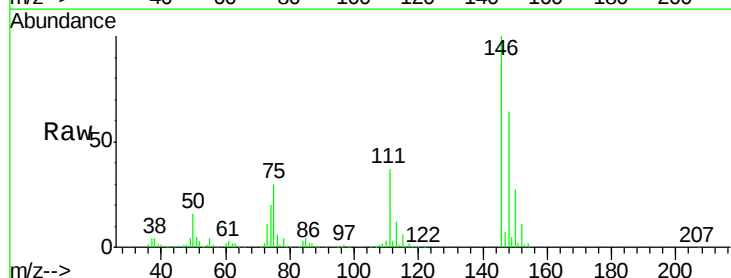
Instrument :
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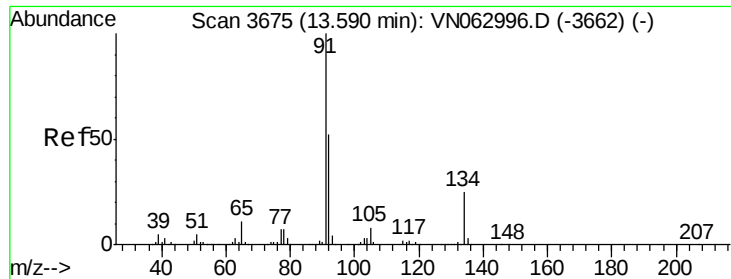
Tgt Ion:146 Resp: 216004
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.4 58.1
 148 64.1 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 48.377 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN063087.D
 Acq: 24 Aug 2020 11:43

Tgt Ion:146 Resp: 216754
 Ion Ratio Lower Upper
 146 100
 111 36.9 18.8 56.4
 148 63.4 32.4 97.0

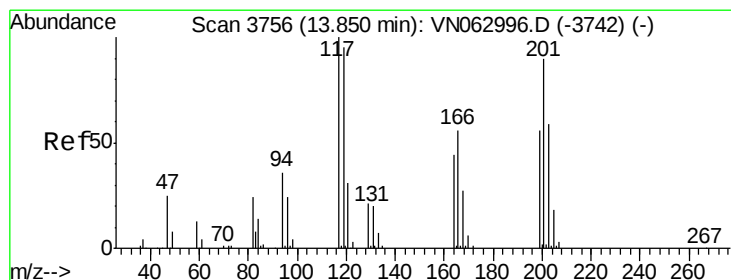
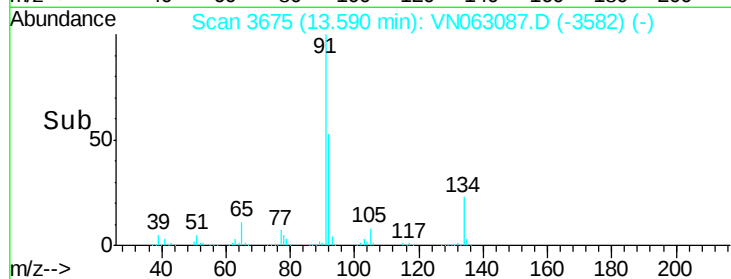
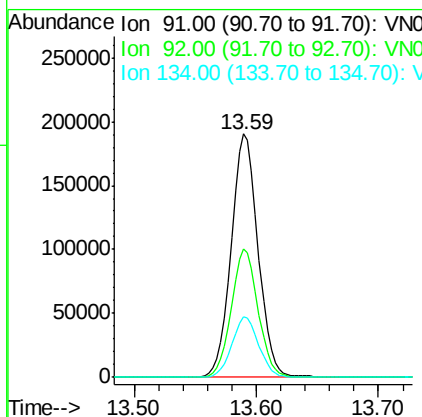
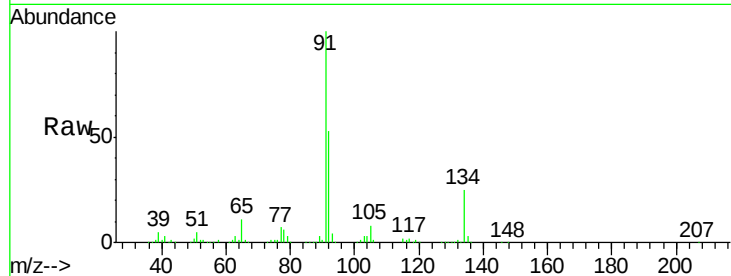




#89
n-Butylbenzene
Concen: 39.946 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN063087.D
Acq: 24 Aug 2020 11:43

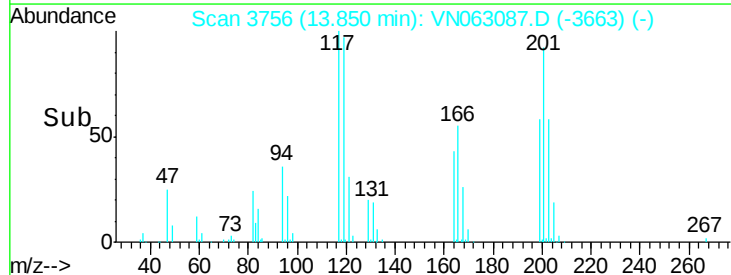
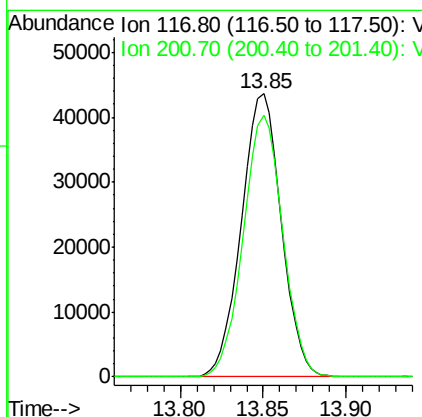
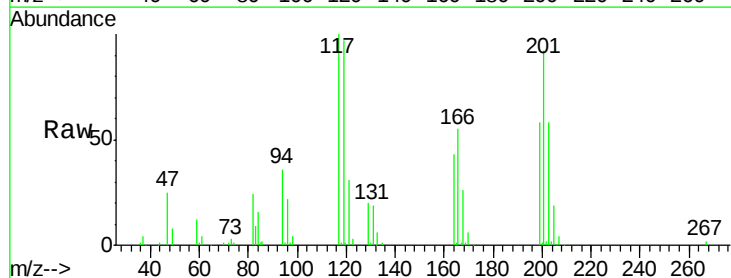
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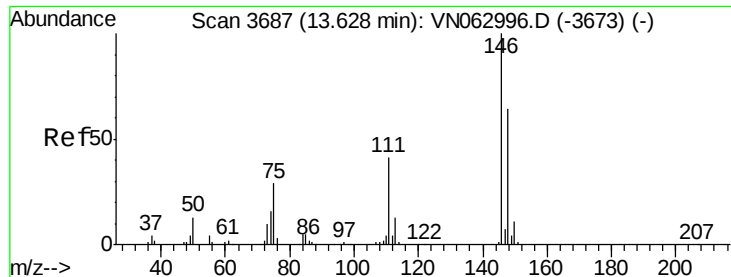
Tgt Ion: 91 Resp: 292705
Ion Ratio Lower Upper
91 100
92 52.5 25.9 77.6
134 24.8 12.4 37.0



#90
Hexachloroethane
Concen: 43.904 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN063087.D
Acq: 24 Aug 2020 11:43

Tgt Ion: 117 Resp: 73226
Ion Ratio Lower Upper
117 100
201 91.2 44.1 132.4

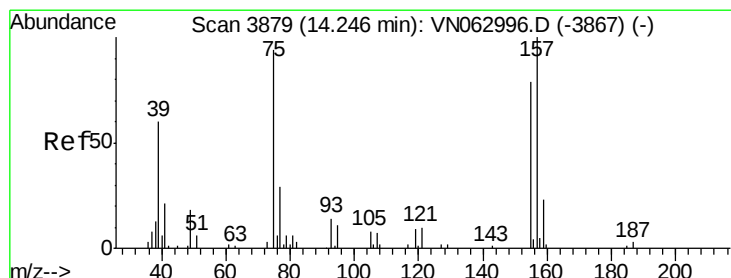
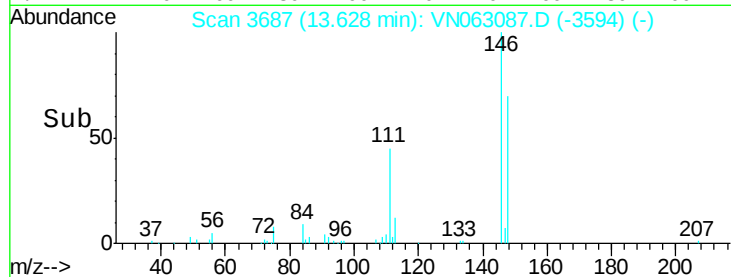
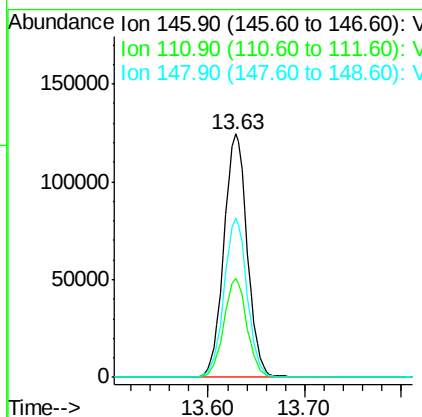
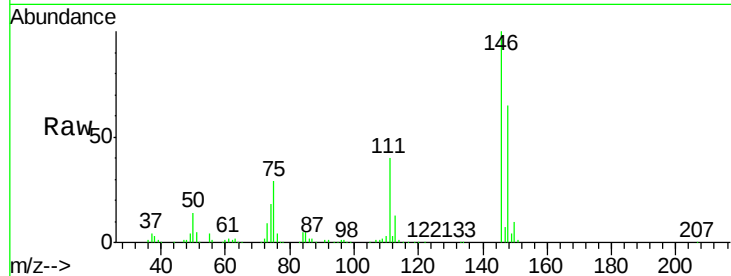




#91
 1,2-Dichlorobenzene
 Concen: 49.050 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN063087.D
 Acq: 24 Aug 2020 11:43

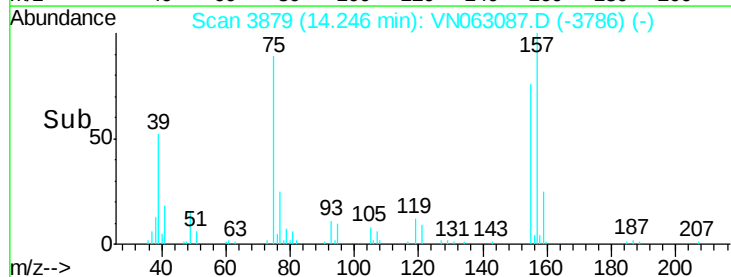
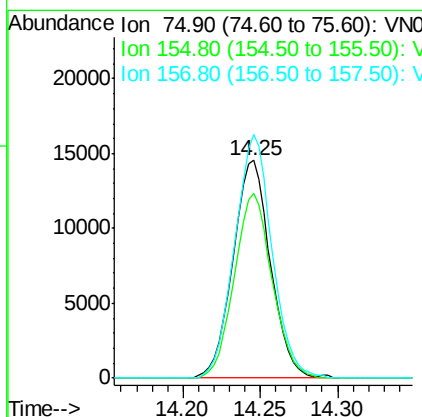
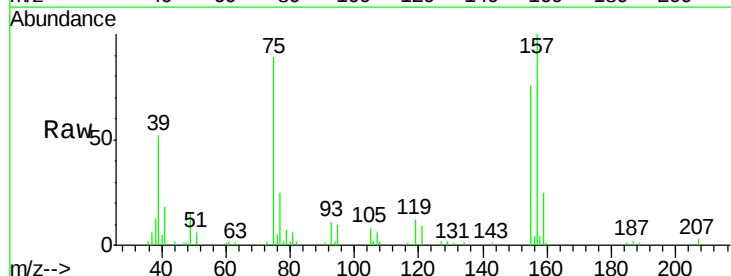
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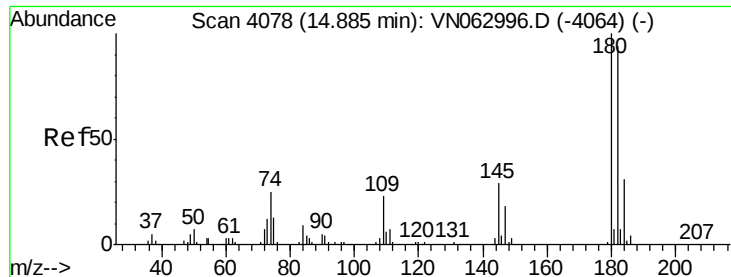
Tgt Ion: 146 Resp: 209156
 Ion Ratio Lower Upper
 146 100
 111 39.9 20.2 60.5
 148 64.2 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.145 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN063087.D
 Acq: 24 Aug 2020 11:43

Tgt Ion: 75 Resp: 24527
 Ion Ratio Lower Upper
 75 100
 155 85.2 42.4 127.1
 157 111.3 55.2 165.6

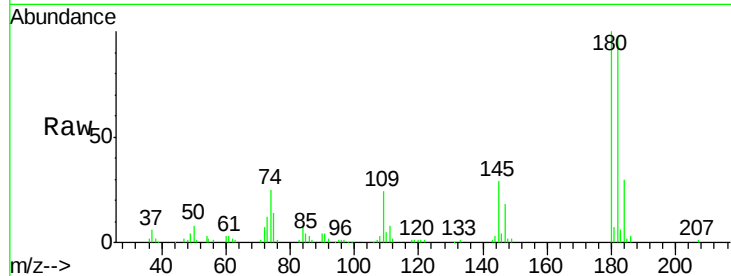




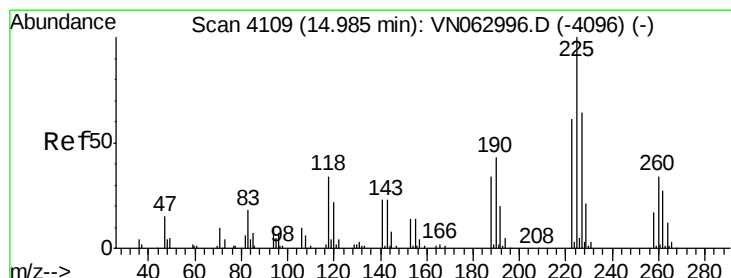
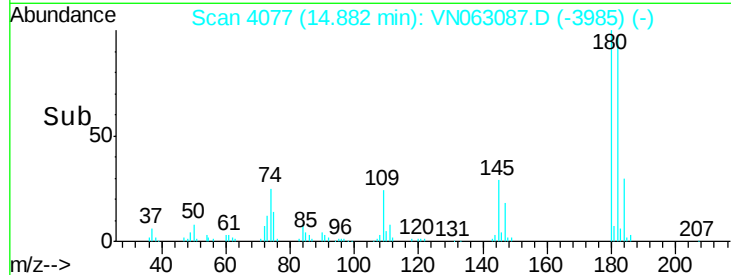
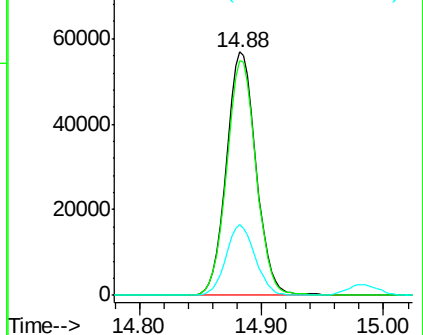
#93
 1,2,4-Trichlorobenzene
 Concen: 41.687 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN063087.D
 Acq: 24 Aug 2020 11:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:180 Resp: 96570
 Ion Ratio Lower Upper
 180 100
 182 95.8 47.0 141.2
 145 28.6 14.1 42.4

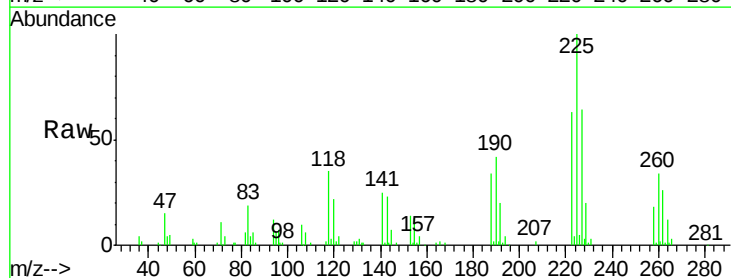


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

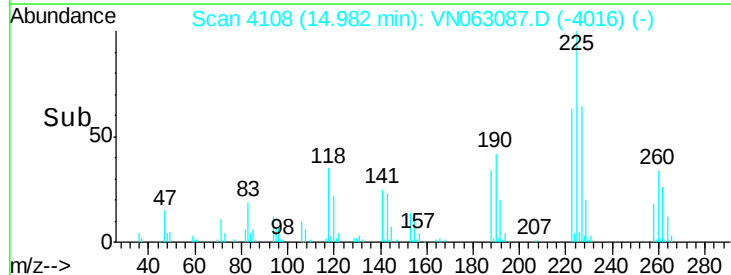
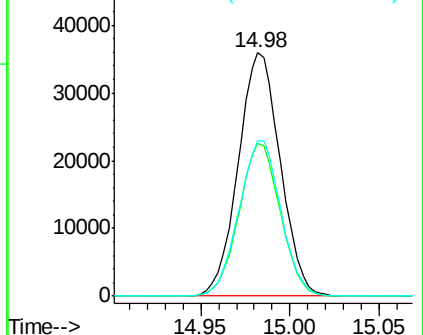


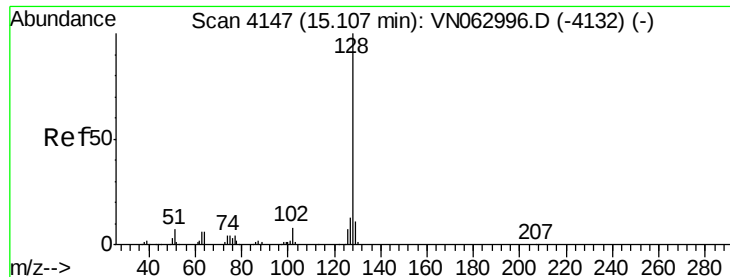
#94
 Hexachlorobutadiene
 Concen: 37.559 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN063087.D
 Acq: 24 Aug 2020 11:43

Tgt Ion:225 Resp: 59181
 Ion Ratio Lower Upper
 225 100
 223 61.6 30.9 92.5
 227 63.6 31.9 95.9



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

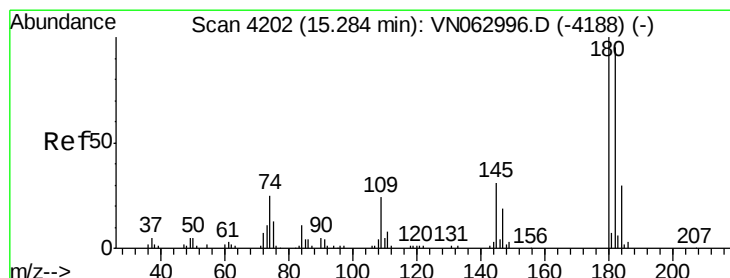
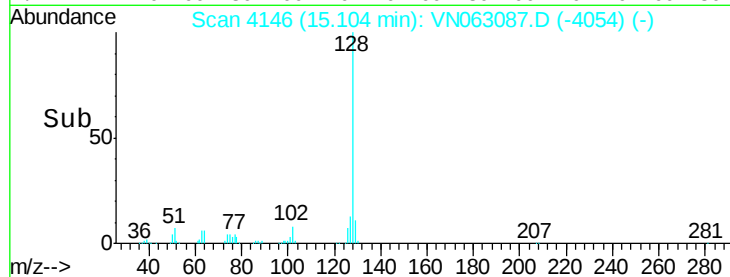
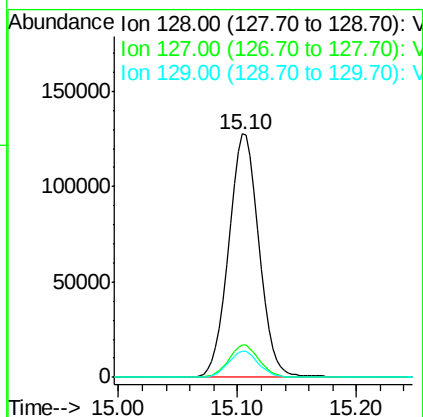
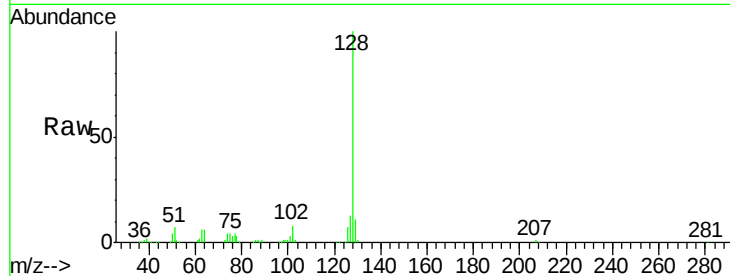




#95
Naphthalene
Concen: 42.511 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN063087.D
Acq: 24 Aug 2020 11:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 226145
Ion Ratio Lower Upper
128 100
127 13.1 10.6 16.0
129 10.7 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 40.553 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN063087.D
Acq: 24 Aug 2020 11:43

Tgt Ion:180 Resp: 92080
Ion Ratio Lower Upper
180 100
182 94.5 47.3 141.9
145 30.3 15.6 46.7

