

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081920\
 Data File : VN063024.D
 Acq On : 19 Aug 2020 19:59
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 20 01:27:25 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	173590	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	261186	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	249481	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	127273	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	100534	48.87	ug/l	0.00
Spiked Amount			Recovery	=	97.74%	
35) Dibromofluoromethane	7.55	113	85848	50.44	ug/l	0.00
Spiked Amount			Recovery	=	100.88%	
50) Toluene-d8	10.06	98	331947	50.78	ug/l	0.00
Spiked Amount			Recovery	=	101.56%	
62) 4-Bromofluorobenzene	12.38	95	120144	52.08	ug/l	0.00
Spiked Amount			Recovery	=	104.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	116062	51.169	ug/l	99
3) Chloromethane	2.03	50	128228	53.874	ug/l	99
4) Vinyl Chloride	2.16	62	126201	54.827	ug/l	98
5) Bromomethane	2.52	94	73229	53.599	ug/l	100
6) Chloroethane	2.66	64	74764	55.013	ug/l	99
7) Trichlorofluoromethane	2.98	101	153267	53.393	ug/l	99
8) Diethyl Ether	3.37	74	49818	49.058	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	77090	49.839	ug/l	98
10) Methyl Iodide	3.91	142	105100	53.606	ug/l	98
11) Tert butyl alcohol	4.74	59	64924	222.787	ug/l	99
12) 1,1-Dichloroethene	3.69	96	71510	48.531	ug/l	98
13) Acrolein	3.57	56	11499	125.956	ug/l	99
14) Allyl chloride	4.28	41	124820	48.044	ug/l	98
15) Acrylonitrile	4.93	53	212057	247.577	ug/l	99
16) Acetone	3.78	43	162736	253.713	ug/l	97
17) Carbon Disulfide	4.01	76	190699	49.417	ug/l	100
18) Methyl Acetate	4.28	43	96057	46.982	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	267143	51.986	ug/l	99
20) Methylene Chloride	4.50	84	93544	51.614	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	78755	51.072	ug/l	96
22) Diisopropyl ether	5.90	45	309234	52.451	ug/l	99
23) Vinyl Acetate	5.84	43	971370	244.158	ug/l	99
24) 1,1-Dichloroethane	5.80	63	164899	50.052	ug/l	99
25) 2-Butanone	6.79	43	253674	232.247	ug/l	99
26) 2,2-Dichloropropane	6.78	77	120372	46.459	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	97108	50.242	ug/l	99
28) Bromochloromethane	7.15	49	82623	47.931	ug/l	99
29) Tetrahydrofuran	7.17	42	172592	244.831	ug/l	99
30) Chloroform	7.33	83	165870	49.991	ug/l	99
31) Cyclohexane	7.62	56	154601	50.985	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	137880	50.901	ug/l	96
36) 1,1-Dichloropropene	7.75	75	113818	49.449	ug/l	99
37) Ethyl Acetate	6.88	43	99823	46.285	ug/l	98
38) Carbon Tetrachloride	7.73	117	117193	50.433	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	149662	48.219	ug/l	97
40) Benzene	8.00	78	369284	50.585	ug/l	100
41) Methacrylonitrile	7.12	41	47438	46.165	ug/l	93
42) 1,2-Dichloroethane	8.09	62	123293	50.299	ug/l	99
43) Isopropyl Acetate	8.13	43	166286	46.539	ug/l #	92
44) Trichloroethene	8.80	130	91500	50.389	ug/l	96
45) 1,2-Dichloropropane	9.09	63	105924	50.197	ug/l	98
46) Dibromomethane	9.18	93	62601	51.352	ug/l	98
47) Bromodichloromethane	9.37	83	134767	50.475	ug/l	99
48) Methyl methacrylate	9.17	41	83158	49.189	ug/l	98
49) 1,4-Dioxane	9.17	88	34657	932.637	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	546483	241.970	ug/l	99
52) Toluene	10.12	92	230217	52.277	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	141582	51.278	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	155081	51.201	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	95865	50.911	ug/l	99
56) Ethyl methacrylate	10.40	69	134097	46.245	ug/l	100
57) 1,3-Dichloropropane	10.68	76	157337	50.319	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	149056	212.729	ug/l	100
59) 2-Hexanone	10.72	43	385947	244.993	ug/l	100
60) Dibromochloromethane	10.87	129	106060	50.896	ug/l	99
61) 1,2-Dibromoethane	10.98	107	95132	52.579	ug/l	99
64) Tetrachloroethene	10.60	164	82681	50.417	ug/l	97
65) Chlorobenzene	11.41	112	254961	50.885	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	100153	51.390	ug/l	100
67) Ethyl Benzene	11.48	91	447470	52.853	ug/l	100
68) m/p-Xylenes	11.60	106	344741	109.558	ug/l	99
69) o-Xylene	11.92	106	162639	53.825	ug/l	99
70) Styrene	11.94	104	294678	49.176	ug/l	100
71) Bromoform	12.10	173	80643	51.986	ug/l #	100
73) Isopropylbenzene	12.23	105	450335	51.670	ug/l	100
74) N-amyl acetate	12.05	43	162565	52.079	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	141706	50.398	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	173376	70.082	ug/l #	100
77) Bromobenzene	12.50	156	118058	49.251	ug/l	99
78) n-propylbenzene	12.57	91	530805	53.431	ug/l	100
79) 2-Chlorotoluene	12.65	91	316054	50.580	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	390418	54.188	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	44331	49.215	ug/l	97
82) 4-Chlorotoluene	12.75	91	331693	52.131	ug/l	99
83) tert-Butylbenzene	12.97	119	330090	53.082	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	381815	54.397	ug/l	100
85) sec-Butylbenzene	13.15	105	444777	52.923	ug/l	100
86) p-Isopropyltoluene	13.27	119	392840	53.646	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	210883	51.191	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	209736	50.161	ug/l	100
89) n-Butylbenzene	13.59	91	310211	44.990	ug/l	100
90) Hexachloroethane	13.85	117	77300	49.664	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	204813	51.470	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	22856	52.071	ug/l	99

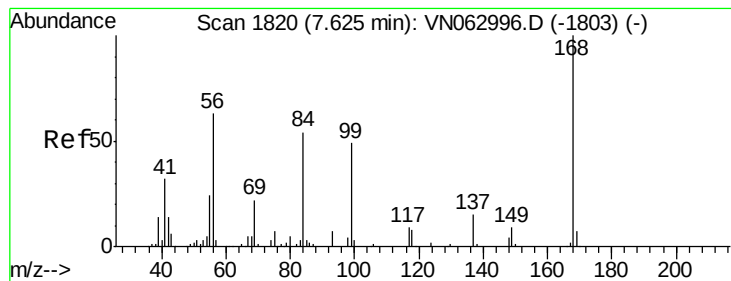
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	95177	43.772	ug/l	98
94) Hexachlorobutadiene	14.98	225	71035	48.308	ug/l	99
95) Naphthalene	15.10	128	208017	41.983	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	94819	44.338	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN063024.D

Acq: 19 Aug 2020 19:59

Instrument :

MSVOA_N

ClientSampleId :

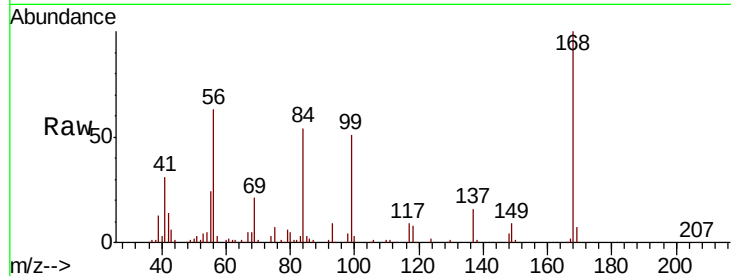
VSTDCCC050EC

Tot Ion:168 Resp: 173590

Ion Ratio Lower Upper

168 100

99 50.8 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

80000

60000

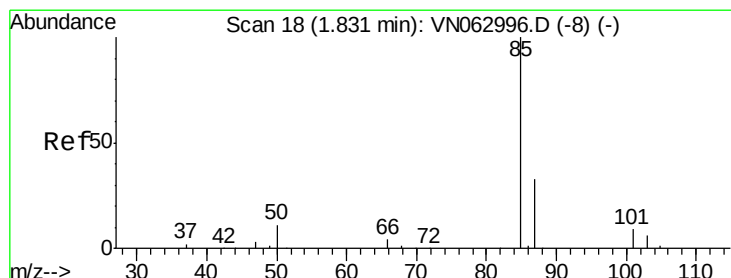
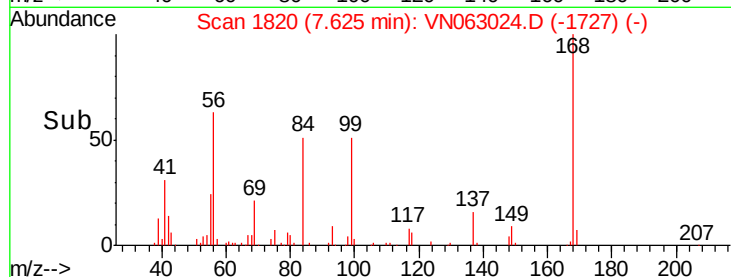
40000

20000

0

7.55 7.60 7.65 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 51.169 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN063024.D

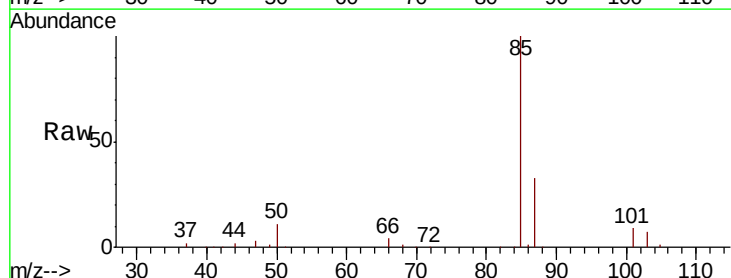
Acq: 19 Aug 2020 19:59

Tgt Ion: 85 Resp: 116062

Ion Ratio Lower Upper

85 100

87 32.6 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

100000

80000

60000

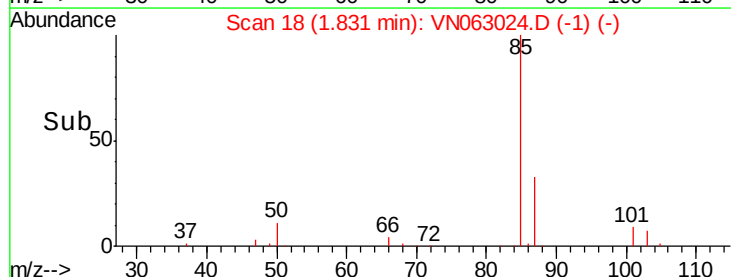
40000

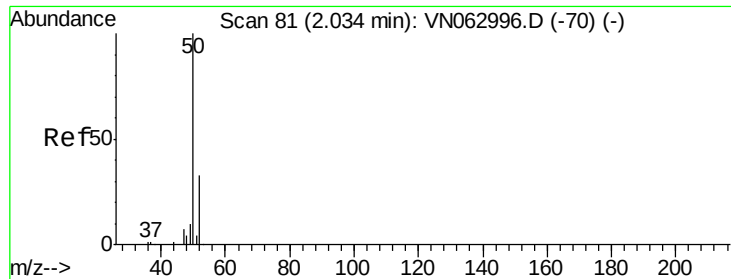
20000

0

1.75 1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 53.874 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN063024.D

Acq: 19 Aug 2020 19:59

Instrument :

MSVOA_N

ClientSampleId :

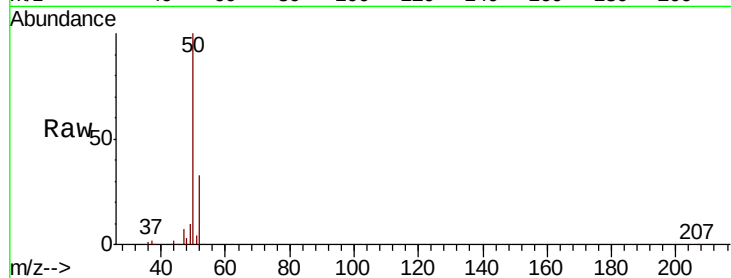
VSTDCCC050EC

Tot Ion: 50 Resp: 128228

Ion Ratio Lower Upper

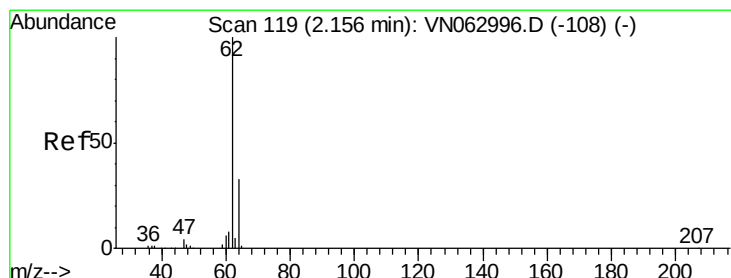
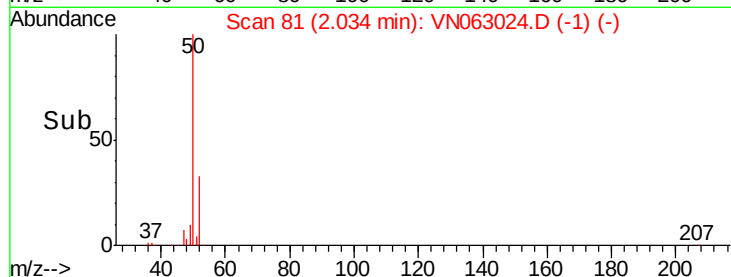
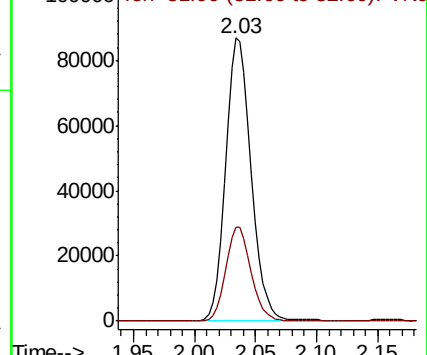
50 100

52 33.3 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VN062996.D (-70) (-)

Ion 51.90 (51.60 to 52.60): VN063024.D (-1) (-)



#4

Vinyl Chloride

Concen: 54.827 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN063024.D

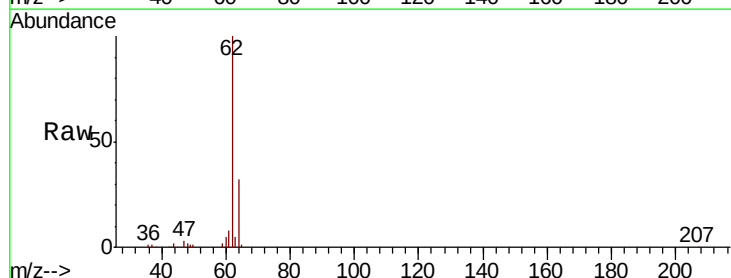
Acq: 19 Aug 2020 19:59

Tgt Ion: 62 Resp: 126201

Ion Ratio Lower Upper

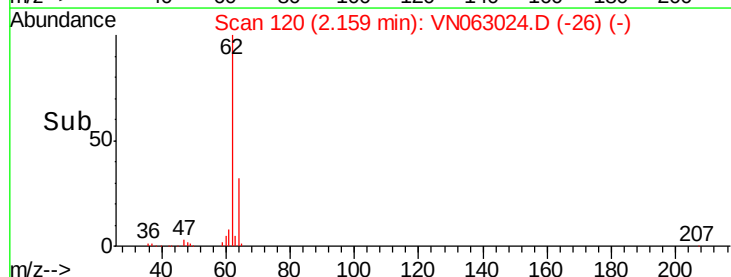
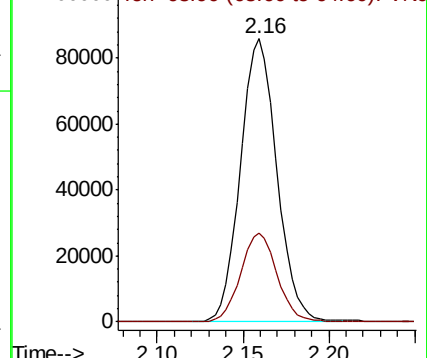
62 100

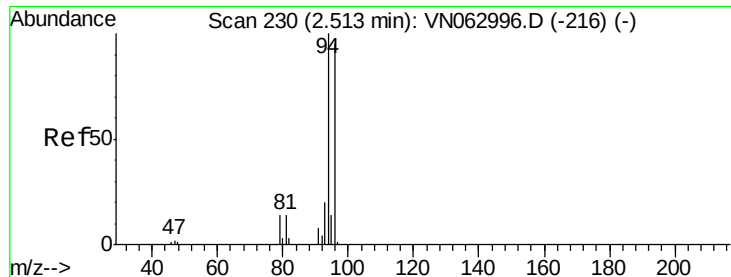
64 31.6 26.2 39.2



Abundance Ion 61.90 (61.60 to 62.60): VN062996.D (-108) (-)

Ion 63.90 (63.60 to 64.60): VN063024.D (-26) (-)





#5

Bromomethane

Concen: 53.599 ug/l

RT: 2.52 min Scan# 231

Delta R.T. 0.00 min

Lab File: VN063024.D

Acq: 19 Aug 2020 19:59

Instrument :

MSVOA_N

ClientSampleId :

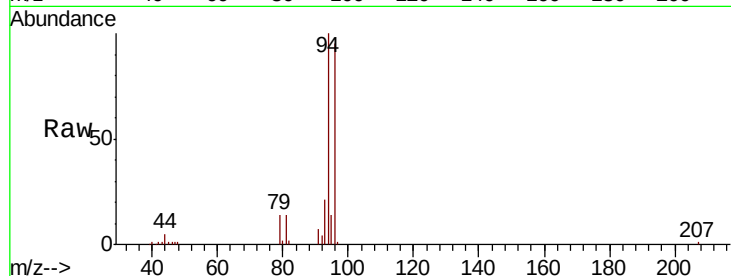
VSTDCCC050EC

Tot Ion: 94 Resp: 73229

Ion Ratio Lower Upper

94 100

96 94.6 75.8 113.8



Abundance Ion 93.90 (93.60 to 94.60): VN062996.D (-216) (-)

Ion 95.90 (95.60 to 96.60): VN062996.D (-216) (-)

2.52

40000

30000

20000

10000

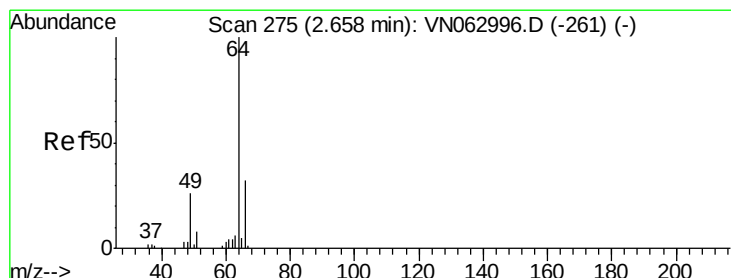
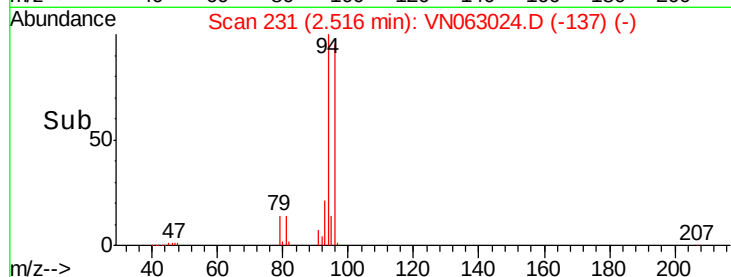
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Time-->

2.40

2.50

2.60



#6

Chloroethane

Concen: 55.013 ug/l

RT: 2.66 min Scan# 276

Delta R.T. 0.00 min

Lab File: VN063024.D

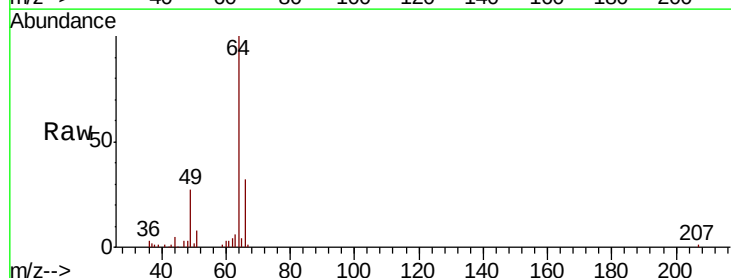
Acq: 19 Aug 2020 19:59

Tgt Ion: 64 Resp: 74764

Ion Ratio Lower Upper

64 100

66 32.2 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VN062996.D (-261) (-)

Ion 65.90 (65.60 to 66.60): VN062996.D (-261) (-)

2.66

40000

30000

20000

10000

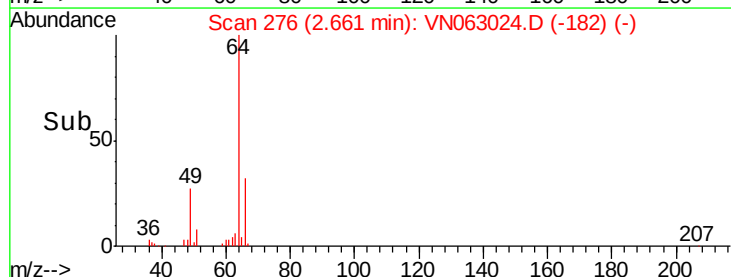
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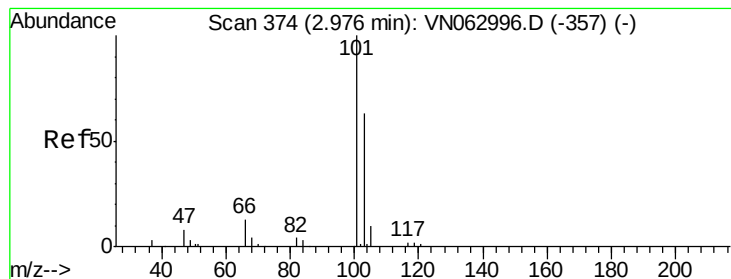
Time-->

2.60

2.70

2.80



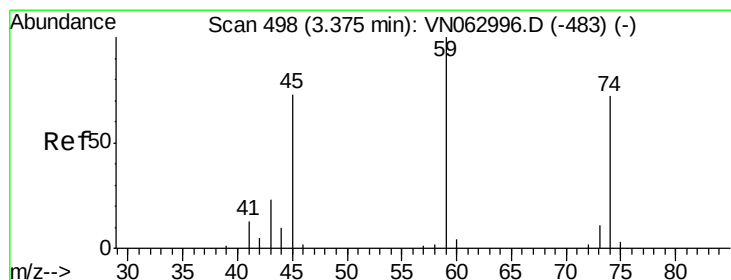
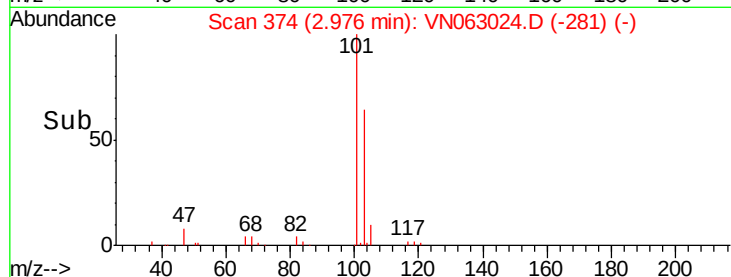
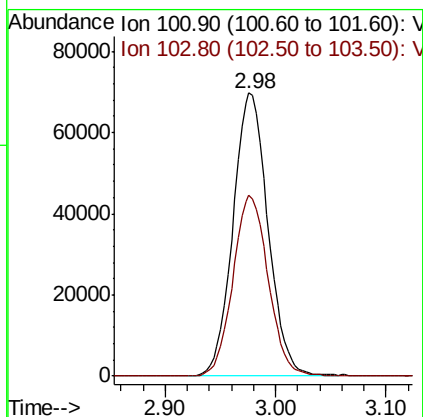
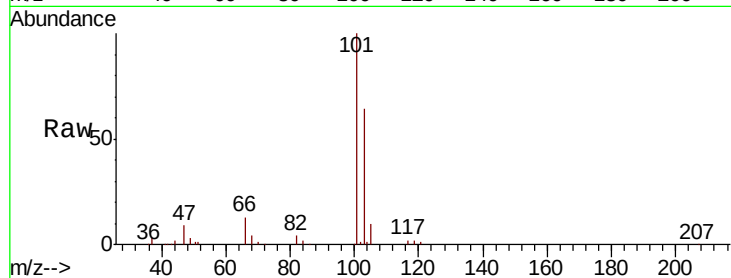


#7

Trichlorofluoromethane
 Concen: 53.393 ug/l
 RT: 2.98 min Scan# 374
 Delta R.T. 0.00 min
 Lab File: VN063024.D
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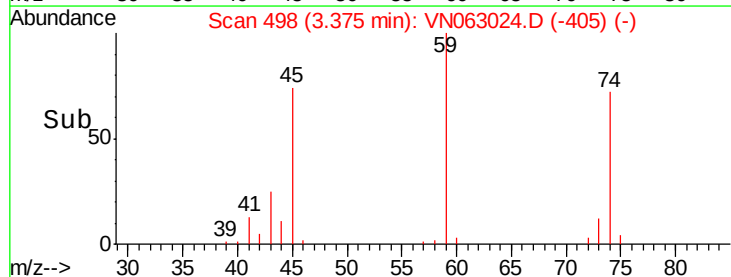
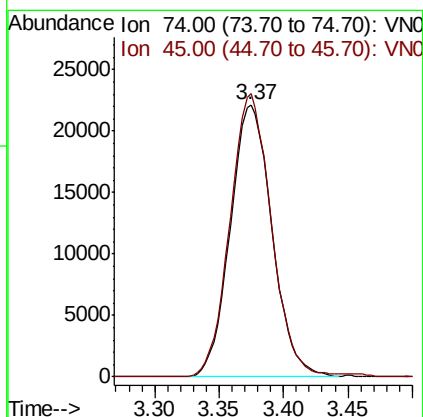
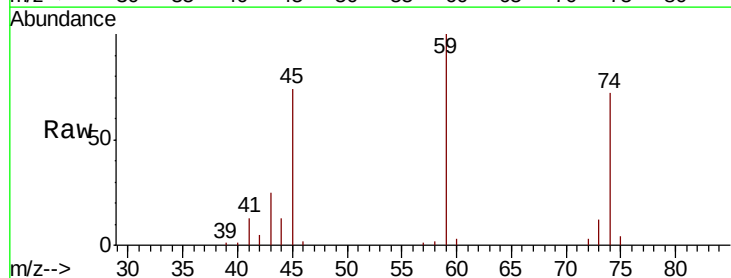
Tot Ion:101 Resp: 153267
 Ion Ratio Lower Upper
 101 100
 103 63.7 50.5 75.7

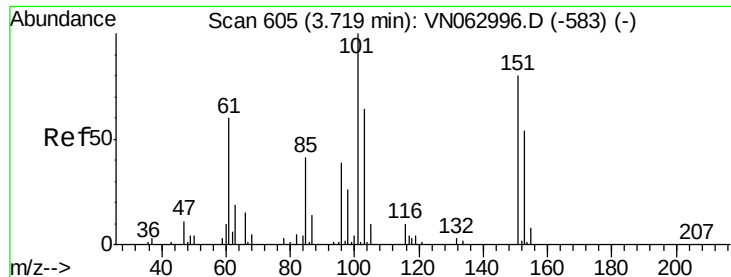


#8

Diethyl Ether
 Concen: 49.058 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN063024.D
 Acq: 19 Aug 2020 19:59

Tgt Ion: 74 Resp: 49818
 Ion Ratio Lower Upper
 74 100
 45 103.5 49.9 149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.839 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN063024.D

Acq: 19 Aug 2020 19:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

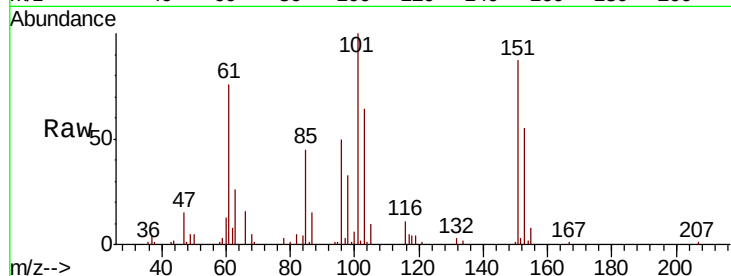
Tot Ion:101 Resp: 77090

Ion Ratio Lower Upper

101 100

85 44.0 34.0 51.0

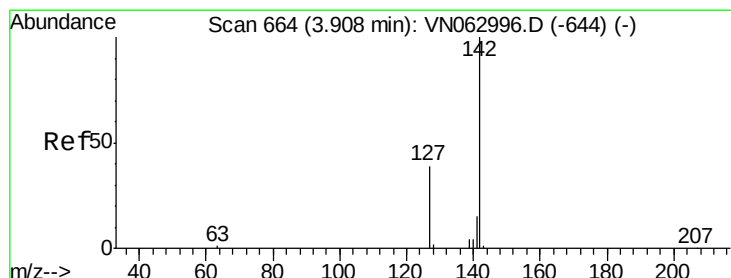
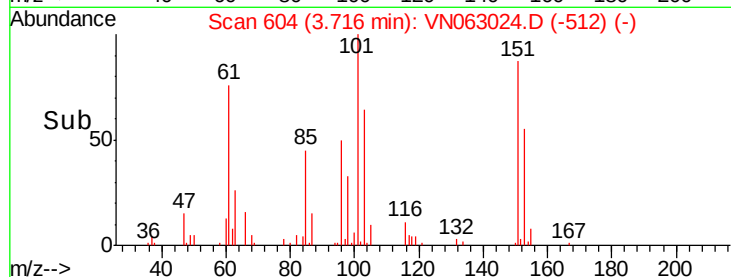
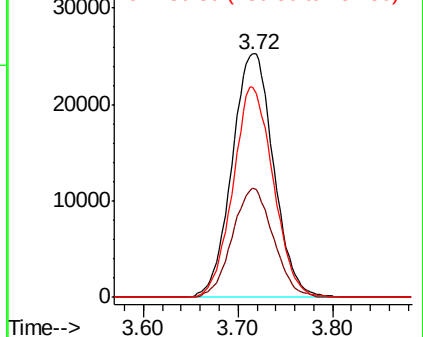
151 83.7 65.8 98.8



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: 53.606 ug/l

RT: 3.91 min Scan# 664

Delta R.T. 0.00 min

Lab File: VN063024.D

Acq: 19 Aug 2020 19:59

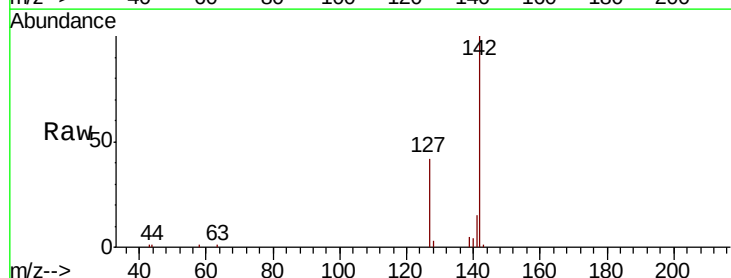
Tgt Ion:142 Resp: 105100

Ion Ratio Lower Upper

142 100

127 41.7 32.2 48.4

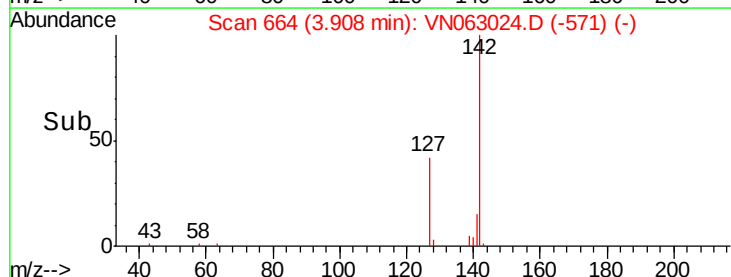
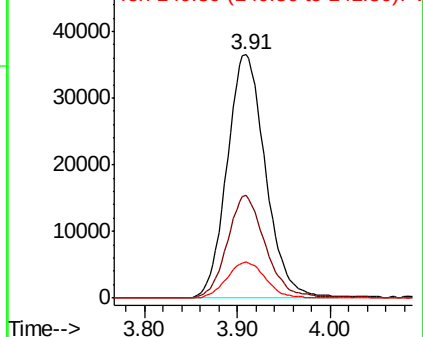
141 14.8 11.3 16.9

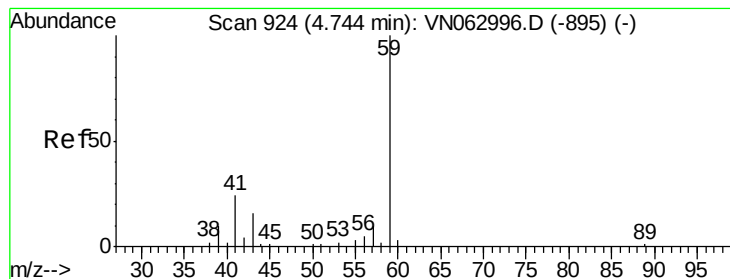


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



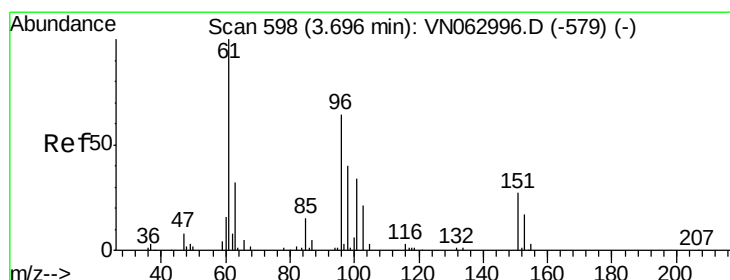
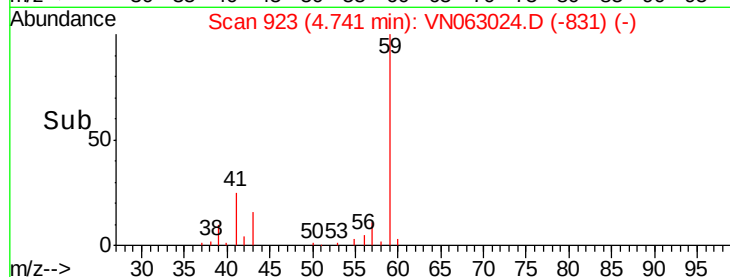
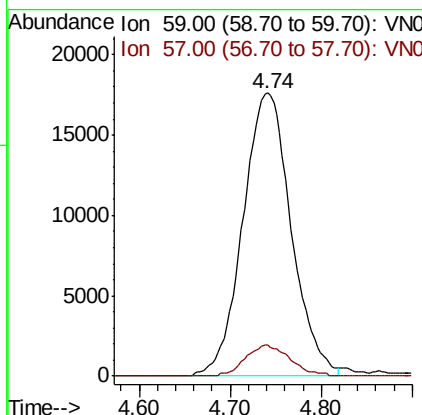
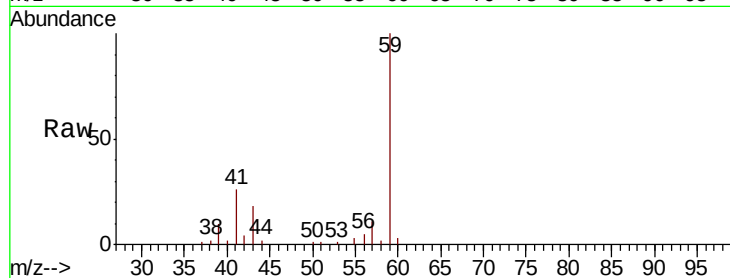


#11

Tert butyl alcohol
 Concen: 222.787 ug/l
 RT: 4.74 min Scan# 923
 Delta R.T. -0.00 min
 Lab File: VN063024.D
 Acq: 19 Aug 2020 19:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

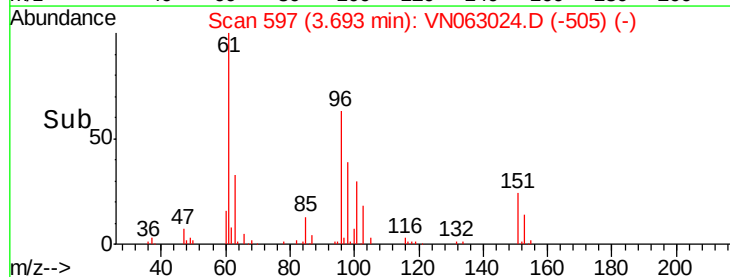
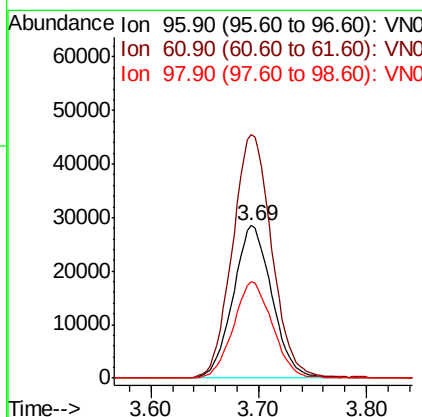
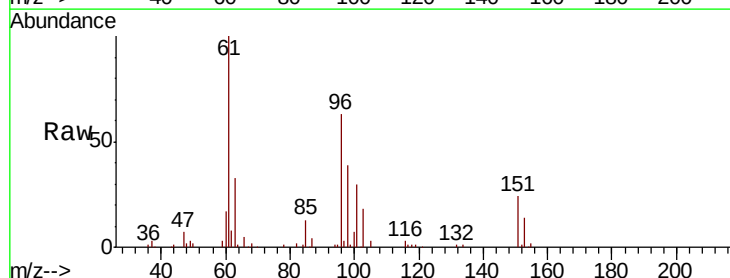
Tot Ion: 59 Resp: 64924
 Ion Ratio Lower Upper
 59 100
 57 10.2 7.8 11.6

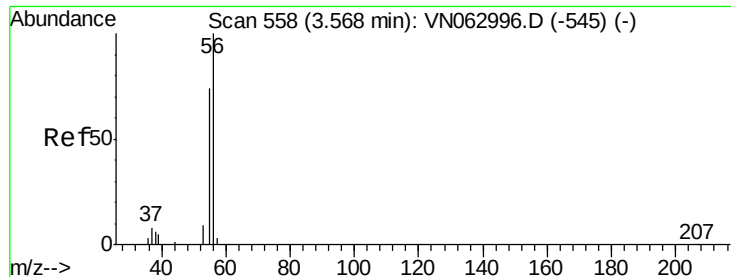


#12

1,1-Dichloroethene
 Concen: 48.531 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: VN063024.D
 Acq: 19 Aug 2020 19:59

Tgt Ion: 96 Resp: 71510
 Ion Ratio Lower Upper
 96 100
 61 159.7 125.5 188.3
 98 62.8 50.4 75.6





#13

Acrolein

Concen: 125.956 ug/l

RT: 3.57 min Scan# 559

Delta R.T. 0.00 min

Lab File: VN063024.D

Acq: 19 Aug 2020 19:59

Instrument :

MSVOA_N

ClientSampleId :

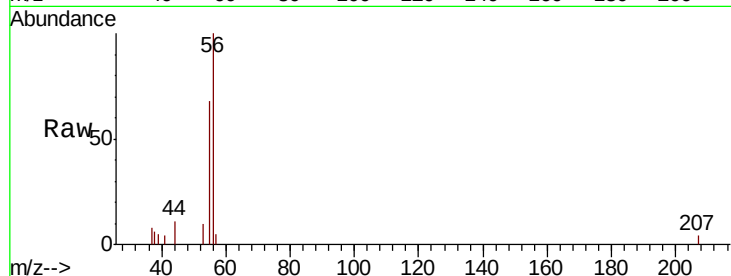
VSTDCCC050EC

Tot Ion: 56 Resp: 11499

Ion Ratio Lower Upper

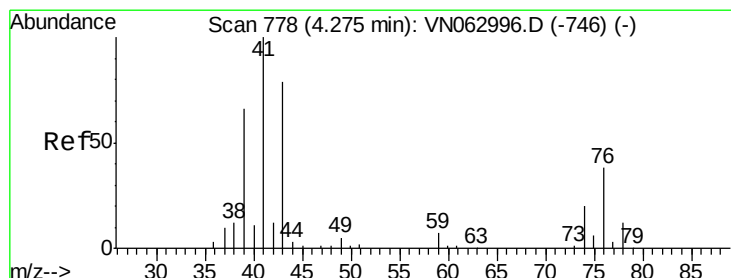
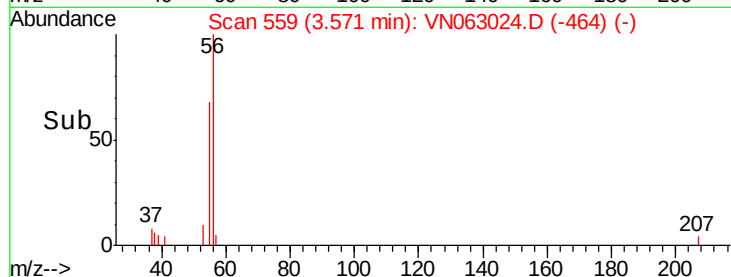
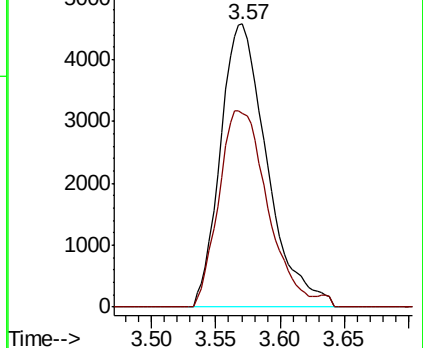
56 100

55 72.2 58.4 87.6



Abundance Ion 56.00 (55.70 to 56.70): VN062996.D (-545) (-)

Ion 55.00 (54.70 to 55.70): VN062996.D (-545) (-)



#14

Allyl chloride

Concen: 48.044 ug/l

RT: 4.28 min Scan# 778

Delta R.T. 0.00 min

Lab File: VN063024.D

Acq: 19 Aug 2020 19:59

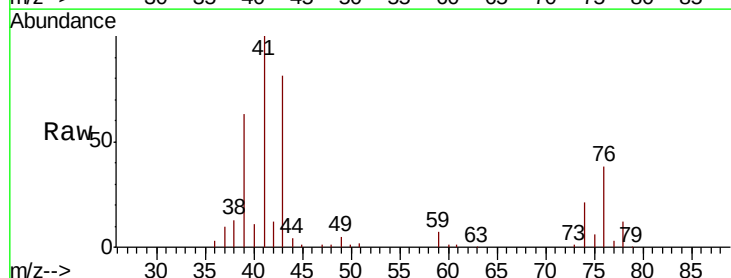
Tgt Ion: 41 Resp: 124820

Ion Ratio Lower Upper

41 100

39 57.9 47.9 71.9

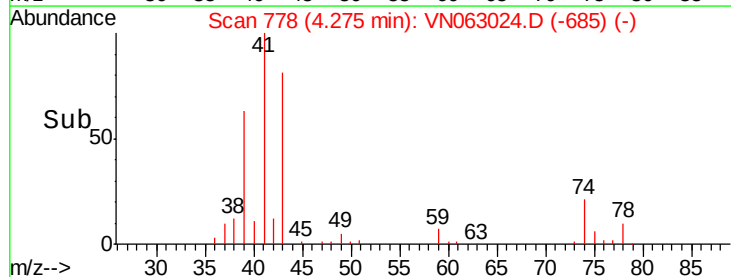
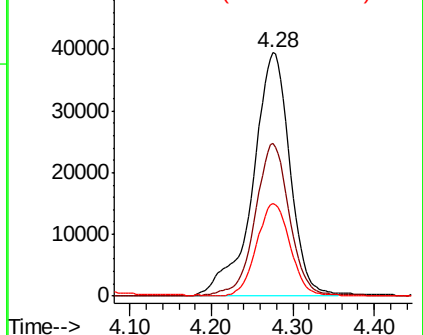
76 34.6 27.0 40.6

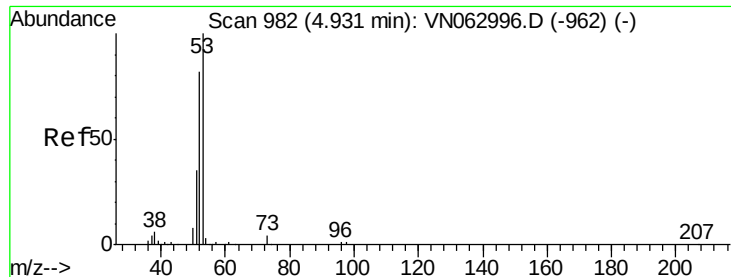


Abundance Ion 41.00 (40.70 to 41.70): VN062996.D (-746) (-)

Ion 39.00 (38.70 to 39.70): VN062996.D (-746) (-)

Ion 75.90 (75.60 to 76.60): VN062996.D (-746) (-)





#15

Acrylonitrile

Concen: 247.577 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN063024.D

Acq: 19 Aug 2020 19:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

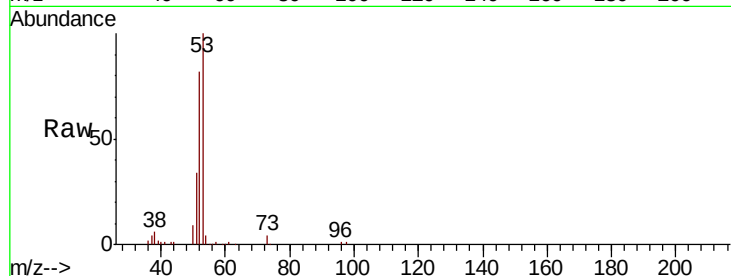
Tot Ion: 53 Resp: 212057

Ion Ratio Lower Upper

53 100

52 82.8 65.6 98.4

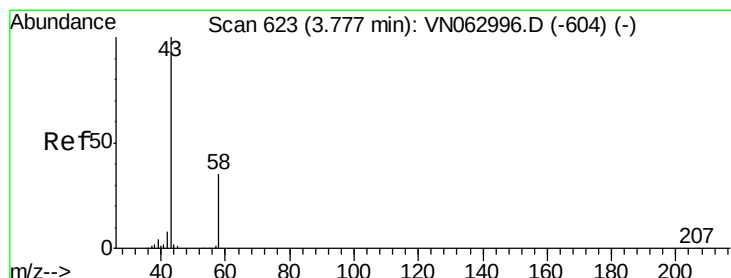
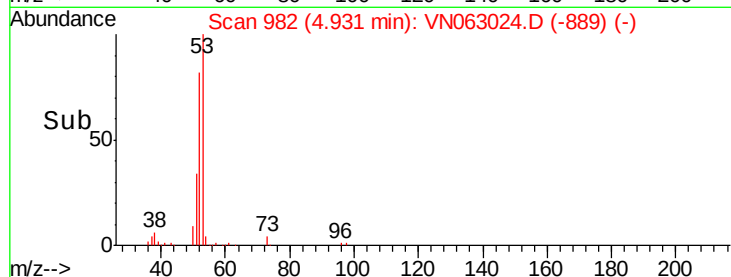
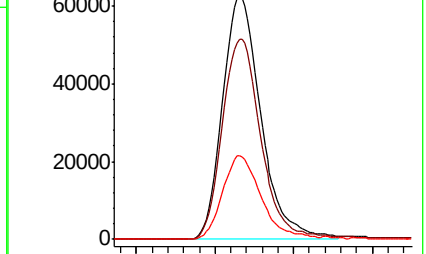
51 34.6 28.2 42.4



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: 253.713 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN063024.D

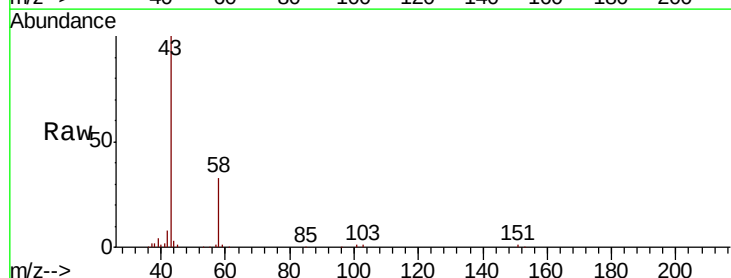
Acq: 19 Aug 2020 19:59

Tgt Ion: 43 Resp: 162736

Ion Ratio Lower Upper

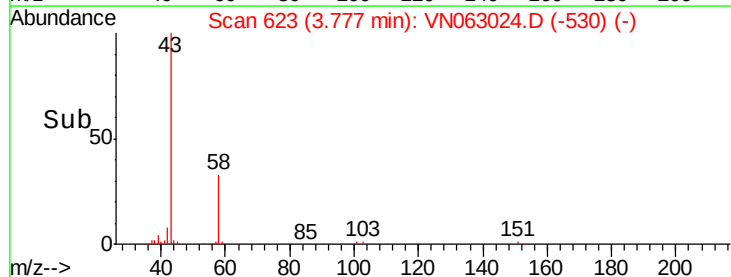
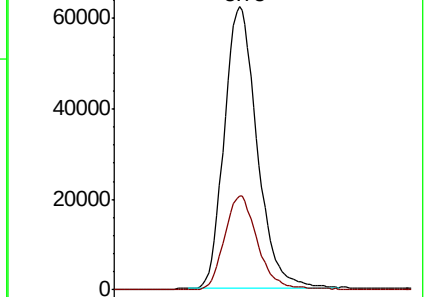
43 100

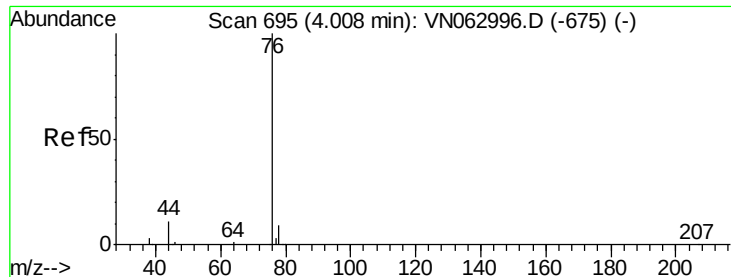
58 33.2 27.8 41.6



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: 49.417 ug/l

RT: 4.01 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN063024.D

Acq: 19 Aug 2020 19:59

Instrument :

MSVOA_N

ClientSampleId :

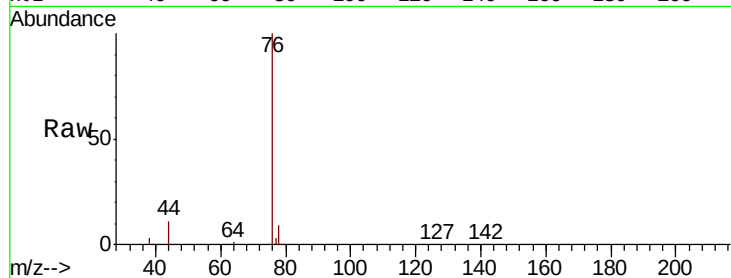
VSTDCCC050EC

Tot Ion: 76 Resp: 190699

Ion Ratio Lower Upper

76 100

78 8.7 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VN063024.D (-602) (-)

Ion 77.90 (77.60 to 78.60): VN063024.D (-602) (-)

4.01

80000

60000

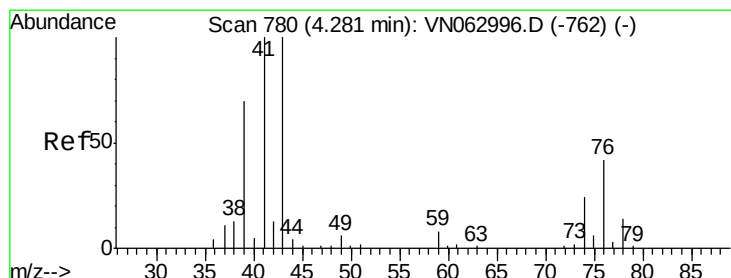
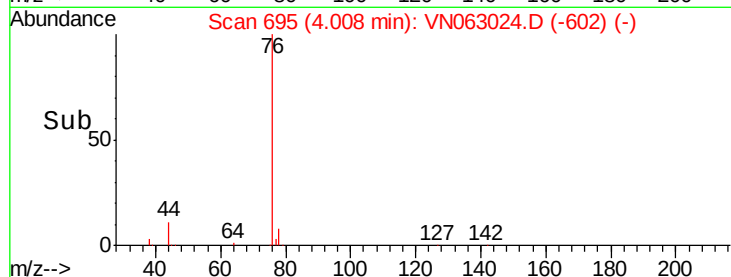
40000

20000

0

Time-->

3.90 4.00 4.10



#18

Methyl Acetate

Concen: 46.982 ug/l

RT: 4.28 min Scan# 779

Delta R.T. -0.00 min

Lab File: VN063024.D

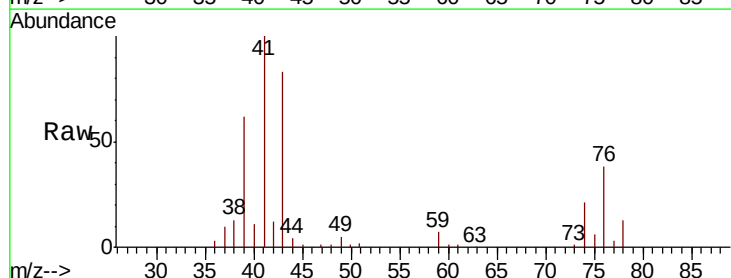
Acq: 19 Aug 2020 19:59

Tgt Ion: 43 Resp: 96057

Ion Ratio Lower Upper

43 100

74 24.4 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VN063024.D (-687) (-)

Ion 74.00 (73.70 to 74.70): VN063024.D (-687) (-)

4.28

30000

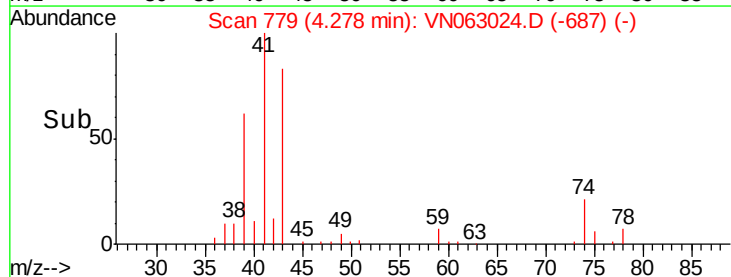
20000

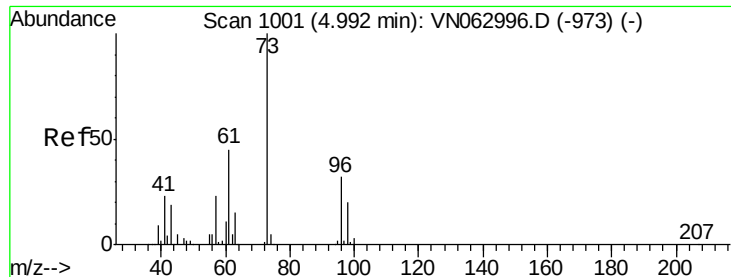
10000

0

Time-->

4.20 4.30 4.40

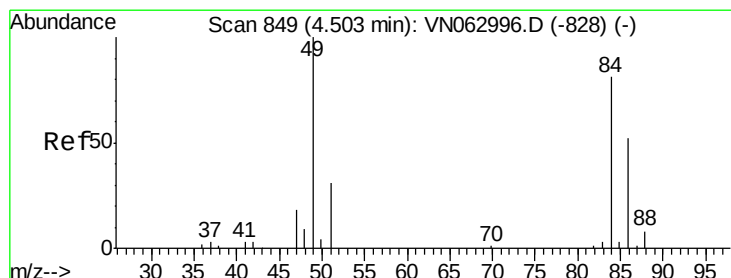
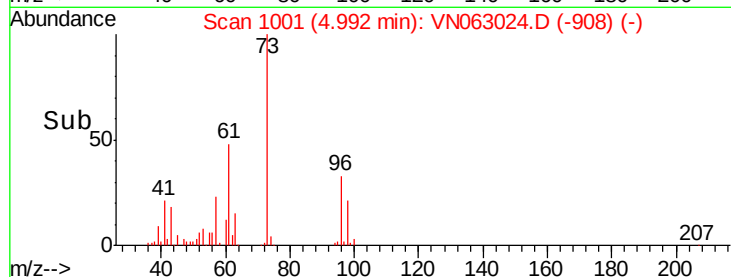
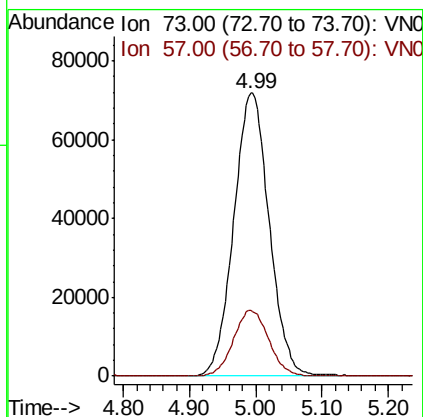
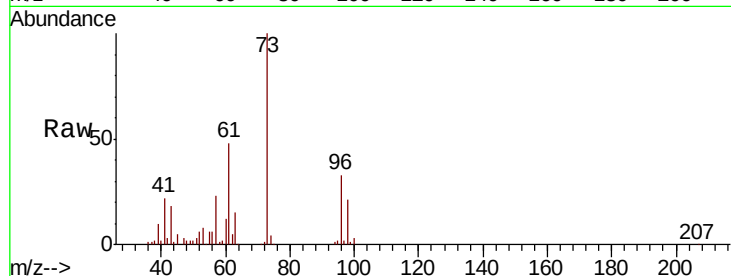




#19
Methyl tert-butyl Ether
Concen: 51.986 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VN063024.D
Acq: 19 Aug 2020 19:59

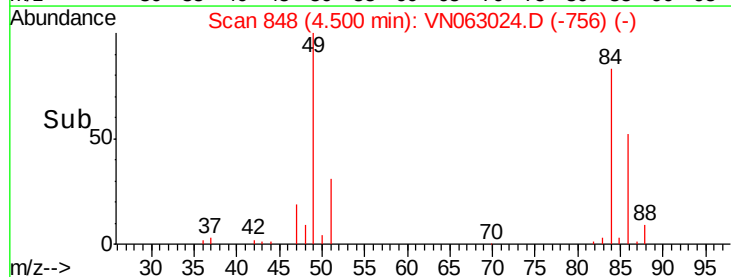
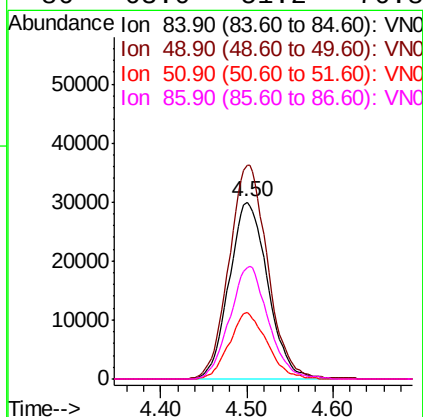
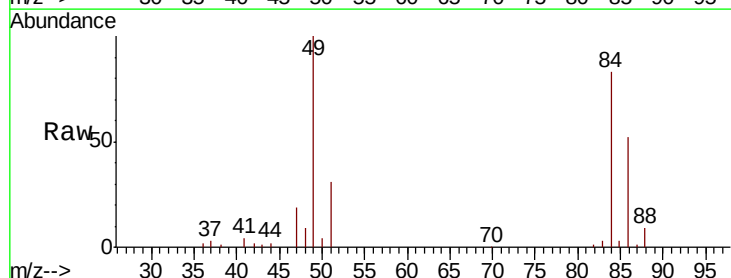
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

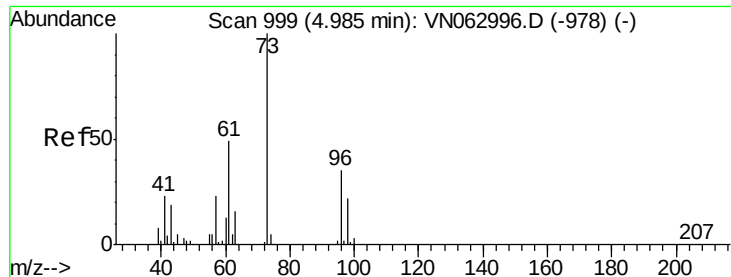
Tot Ion: 73 Resp: 267143
Ion Ratio Lower Upper
73 100
57 23.1 18.1 27.1



#20
Methylene Chloride
Concen: 51.614 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN063024.D
Acq: 19 Aug 2020 19:59

Tgt Ion: 84 Resp: 93544
Ion Ratio Lower Upper
84 100
49 120.6 98.7 148.1
51 37.6 30.8 46.2
86 63.0 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 51.072 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN063024.D

Acq: 19 Aug 2020 19:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

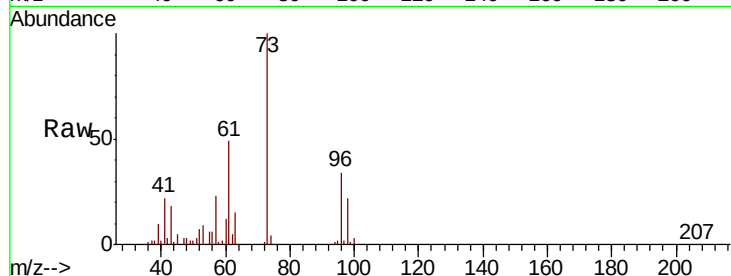
Tot Ion: 96 Resp: 78755

Ion Ratio Lower Upper

96 100

61 146.0 112.5 168.7

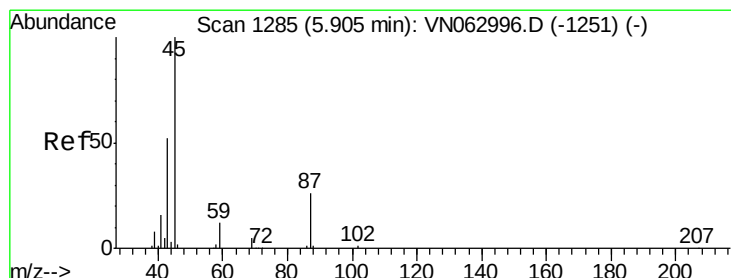
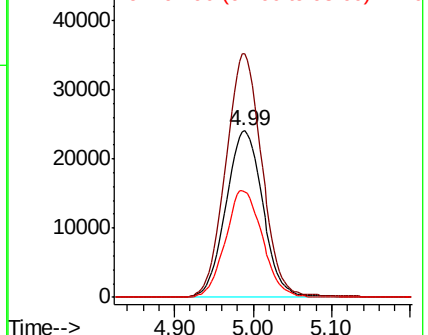
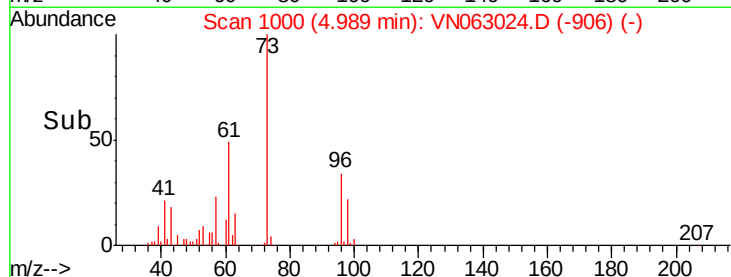
98 63.6 49.4 74.0



Abundance Ion 95.90 (95.60 to 96.60): VN063024.D (-996) (-)

Ion 60.90 (60.60 to 61.60): VN063024.D (-996) (-)

Ion 97.90 (97.60 to 98.60): VN063024.D (-996) (-)



#22

Diisopropyl ether

Concen: 52.451 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VN063024.D

Acq: 19 Aug 2020 19:59

Tgt Ion: 45 Resp: 309234

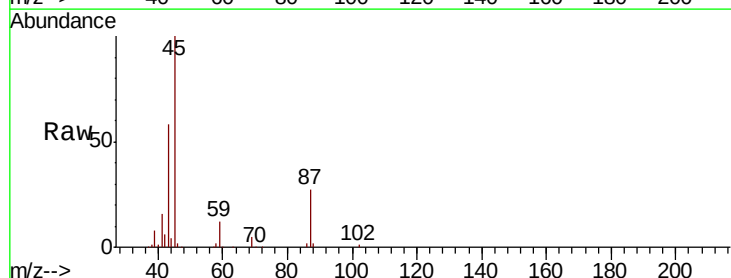
Ion Ratio Lower Upper

45 100

43 56.3 45.7 68.5

87 27.0 21.8 32.6

59 11.3 9.3 13.9

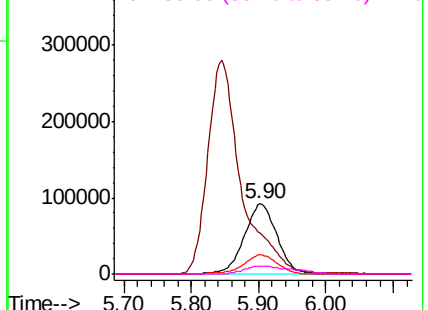
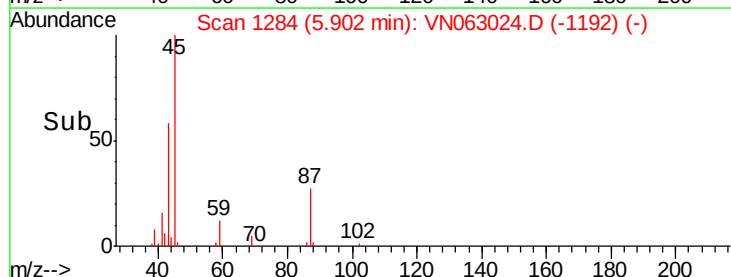


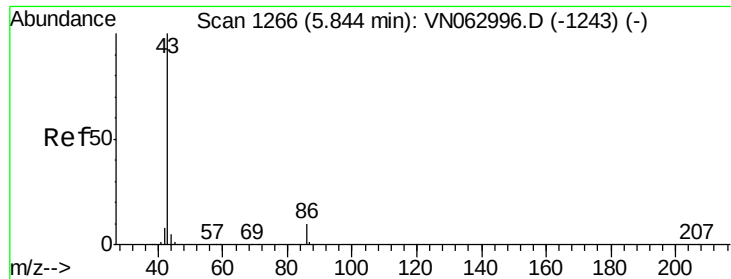
Abundance Ion 45.00 (44.70 to 45.70): VN063024.D (-1192) (-)

Ion 43.00 (42.70 to 43.70): VN063024.D (-1192) (-)

Ion 87.00 (86.70 to 87.70): VN063024.D (-1192) (-)

Ion 59.00 (58.70 to 59.70): VN063024.D (-1192) (-)





#23

Vinyl Acetate

Concen: 244.158 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VN063024.D

Acq: 19 Aug 2020 19:59

Instrument :

MSVOA_N

ClientSampleId :

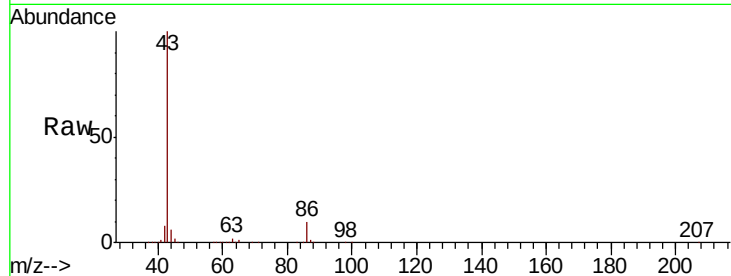
VSTDCCC050EC

Tot Ion: 43 Resp: 971370

Ion Ratio Lower Upper

43 100

86 10.3 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

250000

200000

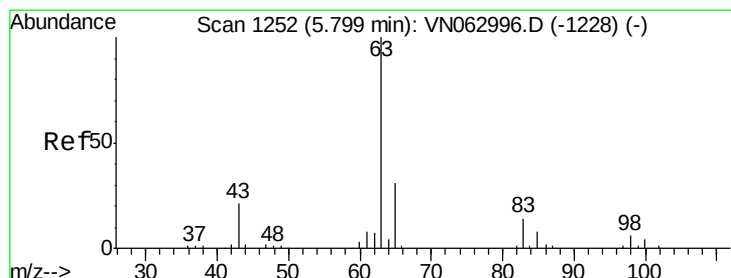
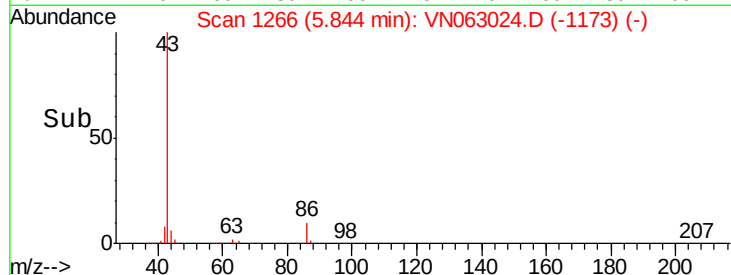
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 50.052 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN063024.D

Acq: 19 Aug 2020 19:59

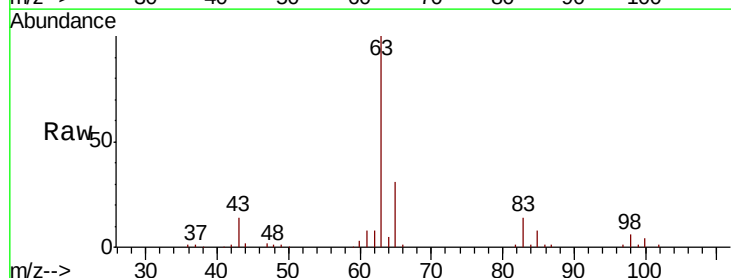
Tgt Ion: 63 Resp: 164899

Ion Ratio Lower Upper

63 100

98 6.2 2.9 8.7

100 4.1 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

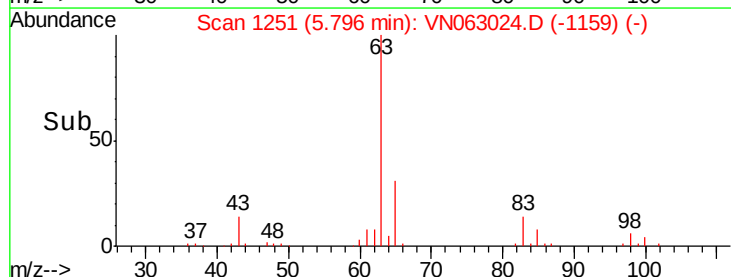
60000

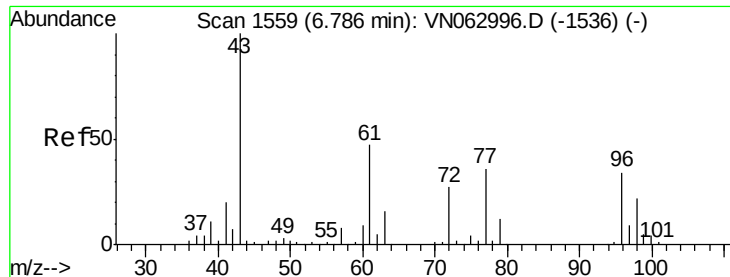
40000

20000

0

Time-->

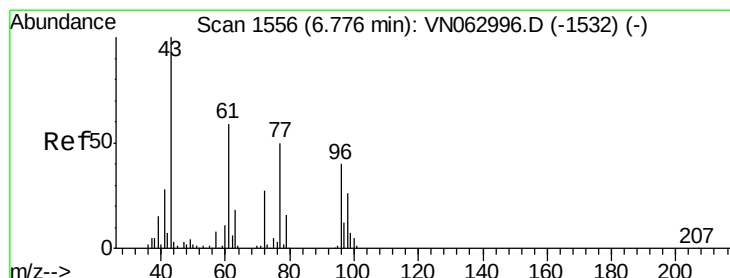
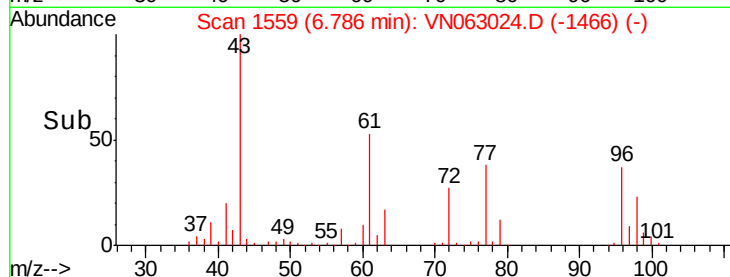
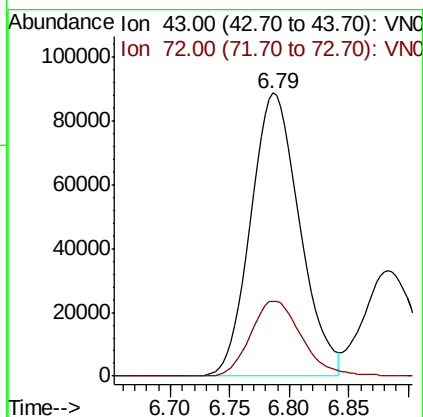
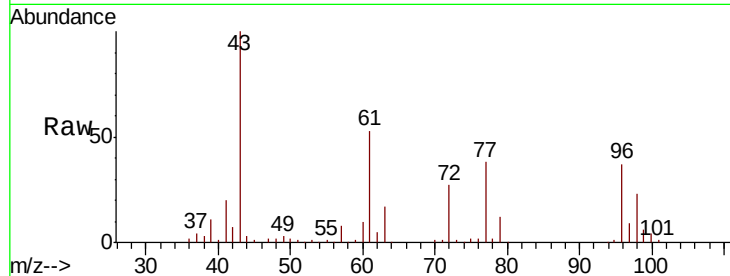




#25
2-Butanone
Concen: 232.247 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VN063024.D
Acq: 19 Aug 2020 19:59

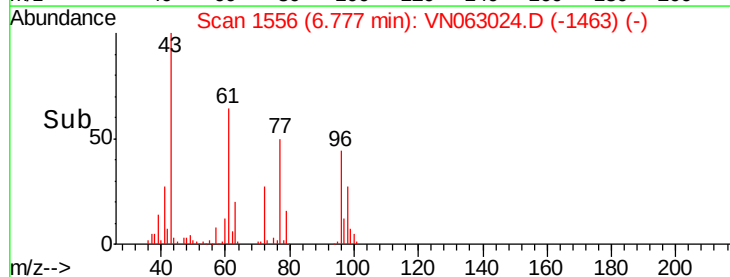
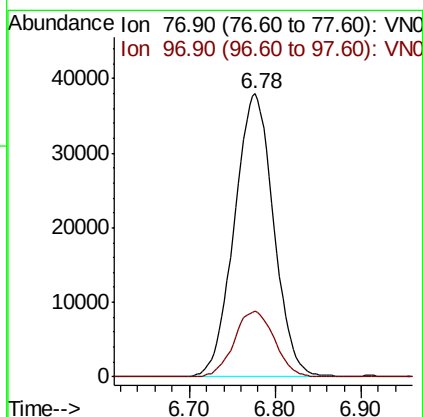
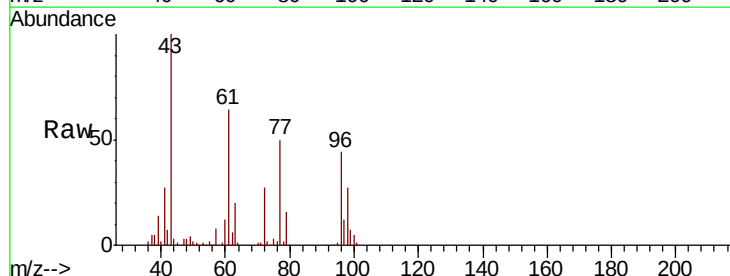
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

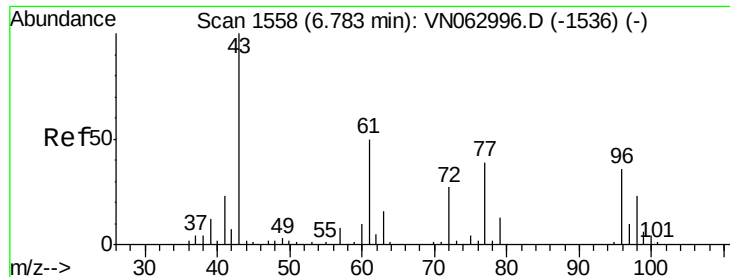
Tot Ion: 43 Resp: 253674
Ion Ratio Lower Upper
43 100
72 26.6 21.8 32.6



#26
2,2-Dichloropropane
Concen: 46.459 ug/l
RT: 6.78 min Scan# 1556
Delta R.T. 0.00 min
Lab File: VN063024.D
Acq: 19 Aug 2020 19:59

Tgt Ion: 77 Resp: 120372
Ion Ratio Lower Upper
77 100
97 23.8 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 50.242 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. -0.00 min

Lab File: VN063024.D

Acq: 19 Aug 2020 19:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

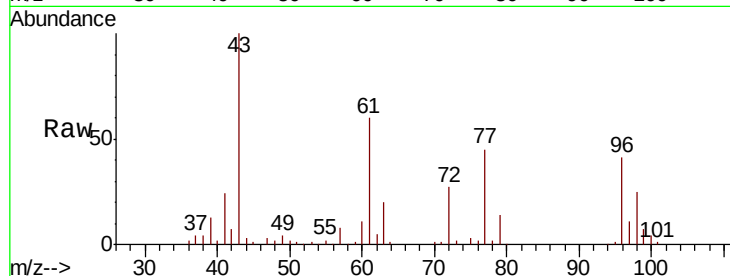
Tot Ion: 96 Resp: 97108

Ion Ratio Lower Upper

96 100

61 146.4 0.0 292.8

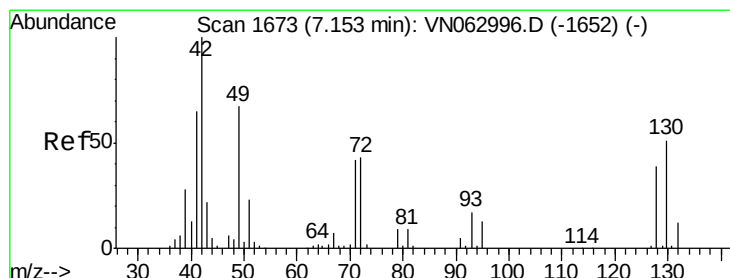
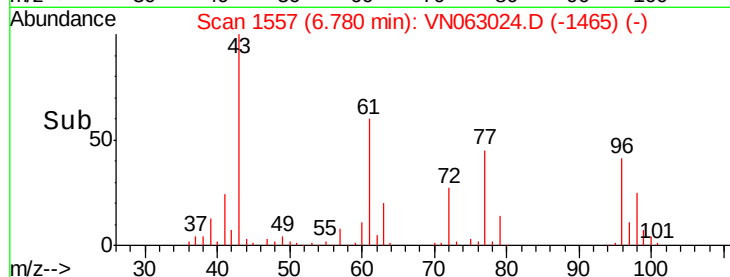
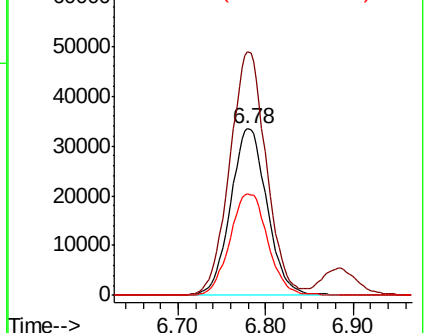
98 62.8 0.0 130.6



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

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

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



#28

Bromochloromethane

Concen: 47.931 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VN063024.D

Acq: 19 Aug 2020 19:59

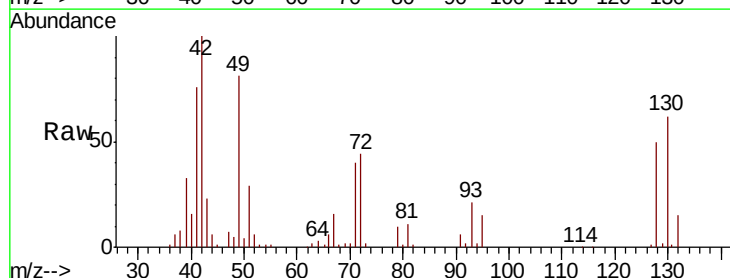
Tgt Ion: 49 Resp: 82623

Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.6

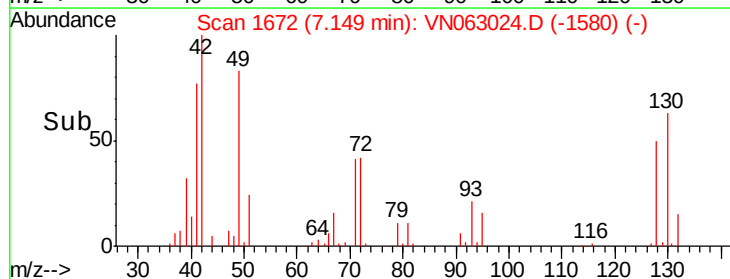
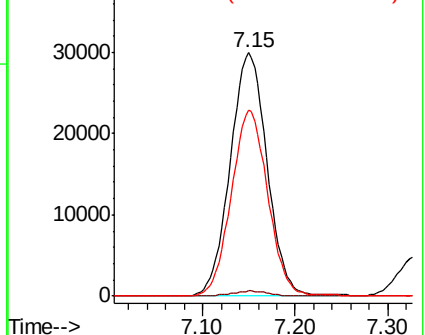
130 75.7 61.1 91.7

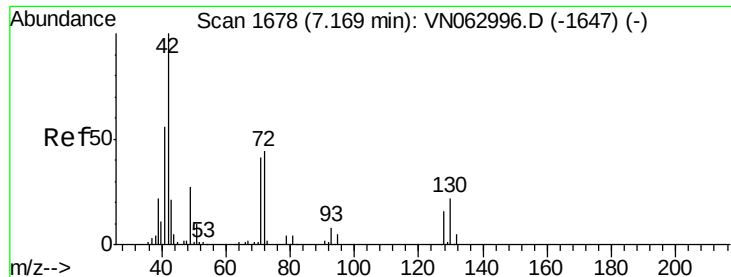


Abundance Ion 48.90 (48.60 to 49.60): VN062996.D (-1652) (-)

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

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

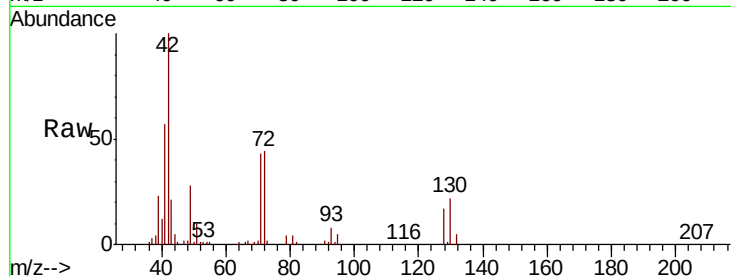




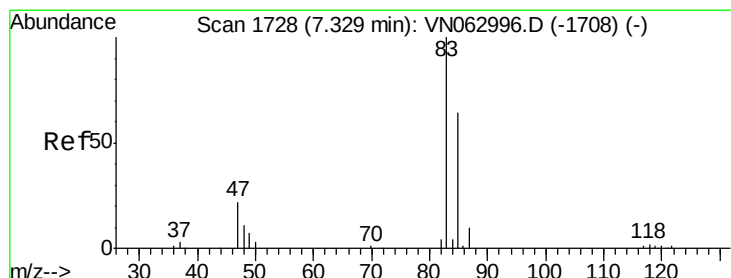
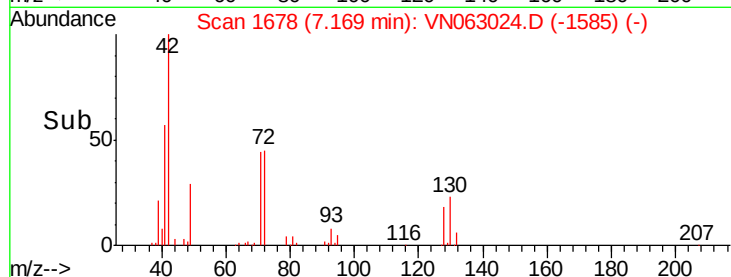
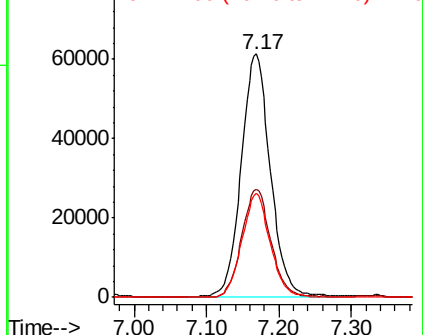
#29
Tetrahydrofuran
Concen: 244.831 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.00 min
Lab File: VN063024.D
Acq: 19 Aug 2020 19:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 42 Resp: 172592
Ion Ratio Lower Upper
42 100
72 44.1 34.6 52.0
71 41.1 32.3 48.5

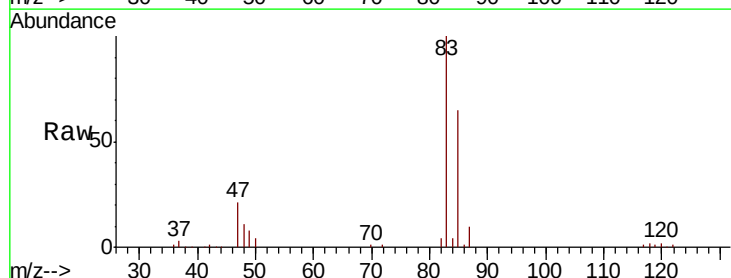


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

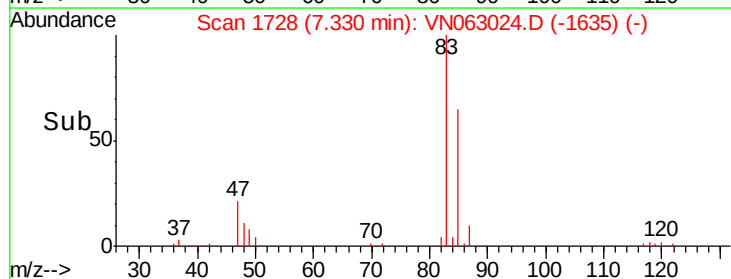
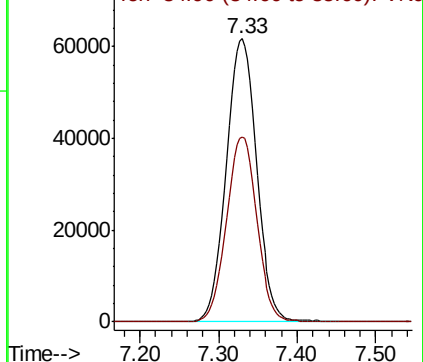


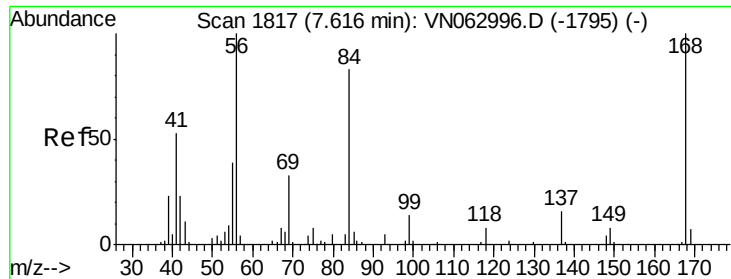
#30
Chloroform
Concen: 49.991 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. 0.00 min
Lab File: VN063024.D
Acq: 19 Aug 2020 19:59

Tgt Ion: 83 Resp: 165870
Ion Ratio Lower Upper
83 100
85 65.4 51.5 77.3



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

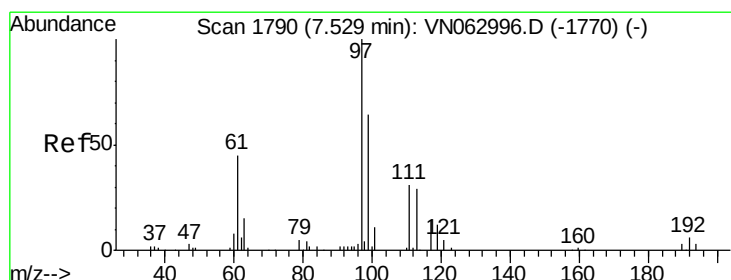
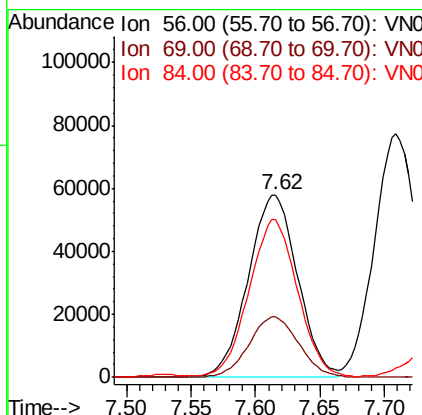
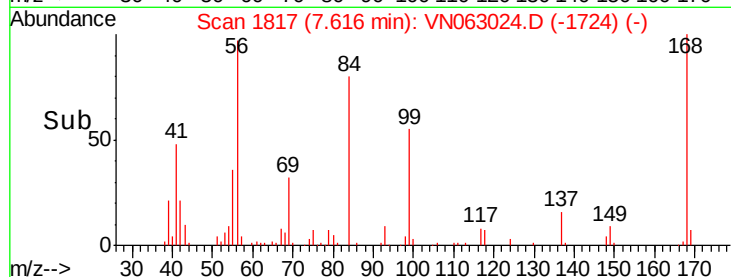
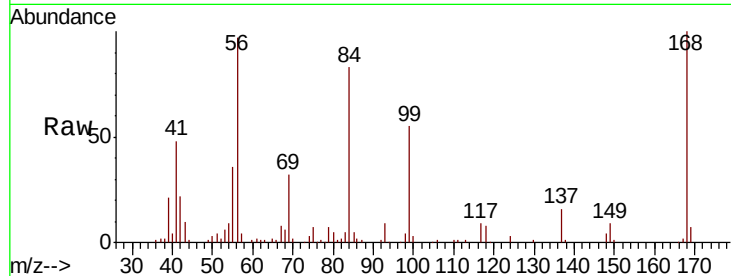




#31
Cyclohexane
Concen: 50.985 ug/l
RT: 7.62 min Scan# 1817
Delta R.T. 0.00 min
Lab File: VN063024.D
Acq: 19 Aug 2020 19:59

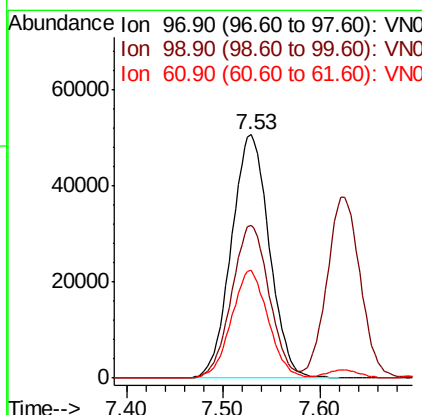
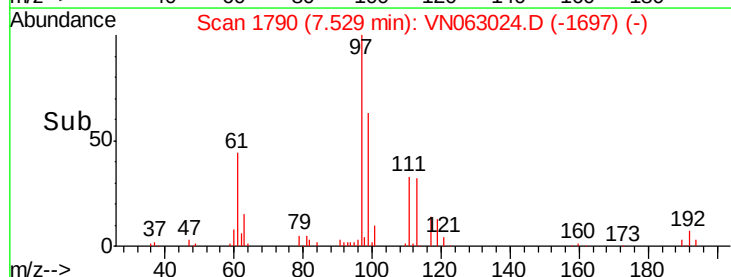
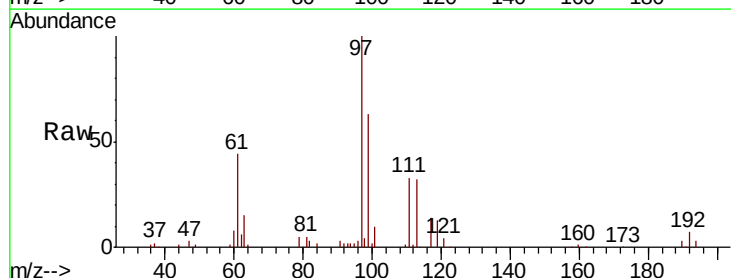
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

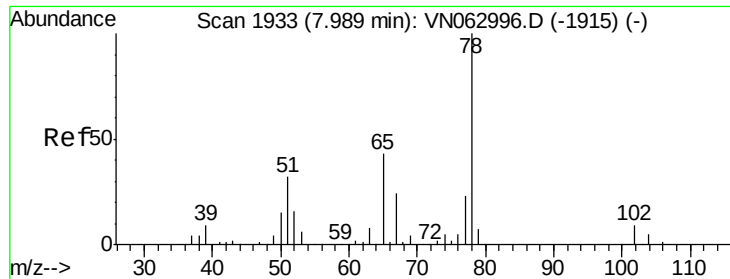
Tot Ion: 56 Resp: 154601
Ion Ratio Lower Upper
56 100
69 33.1 26.6 40.0
84 85.4 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 50.901 ug/l
RT: 7.53 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VN063024.D
Acq: 19 Aug 2020 19:59

Tgt Ion: 97 Resp: 137880
Ion Ratio Lower Upper
97 100
99 62.0 52.0 78.0
61 42.9 36.2 54.4

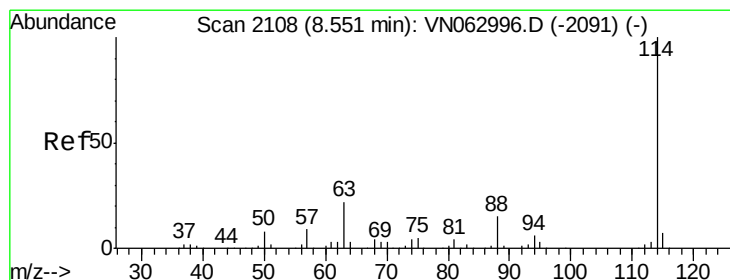
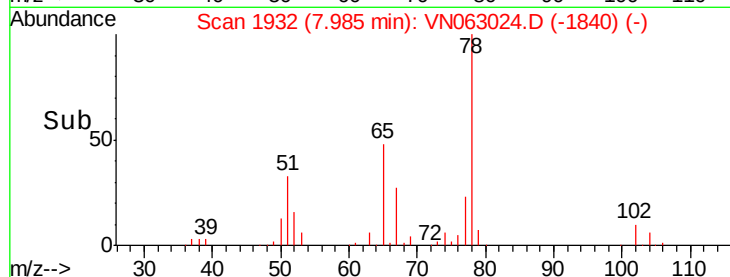
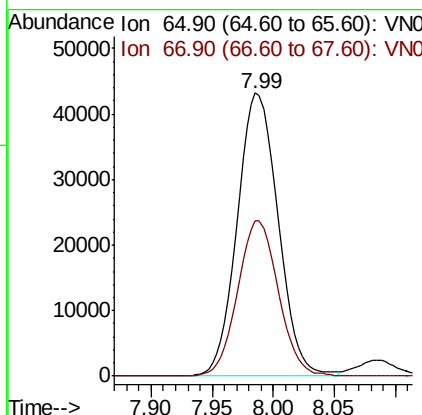
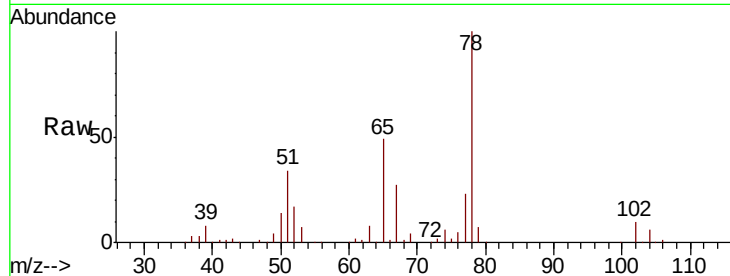




#33
 1,2-Dichloroethane-d4
 Concen: 48.865 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN063024.D
 Acq: 19 Aug 2020 19:59

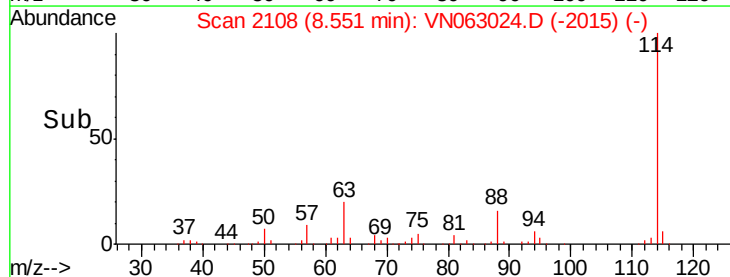
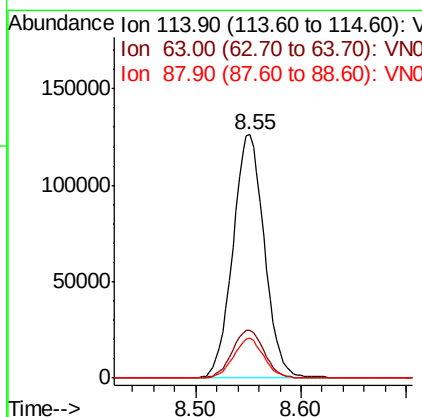
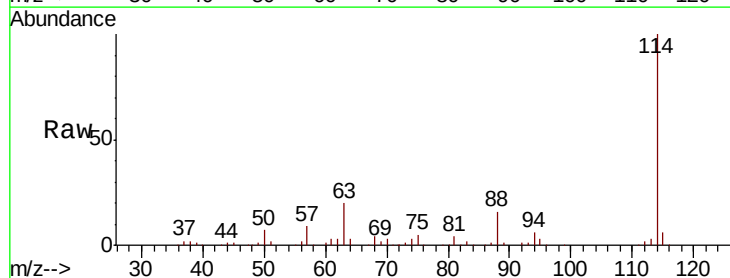
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

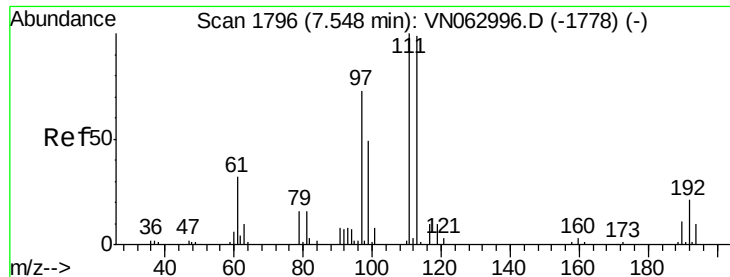
Tot Ion: 65 Resp: 100534
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN063024.D
 Acq: 19 Aug 2020 19:59

Tgt Ion: 114 Resp: 261186
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 43.2
 88 16.2 0.0 30.6

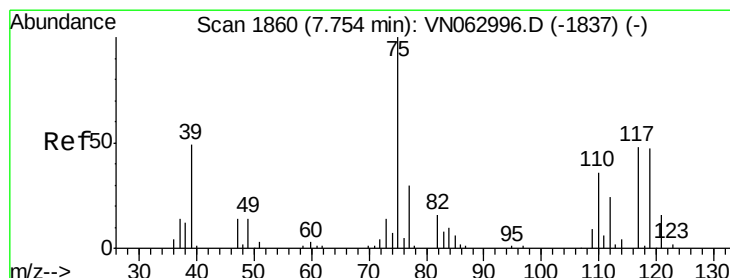
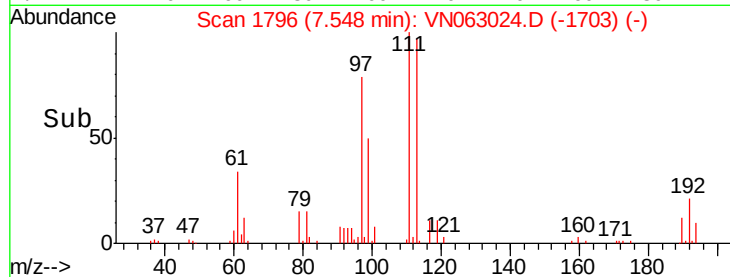
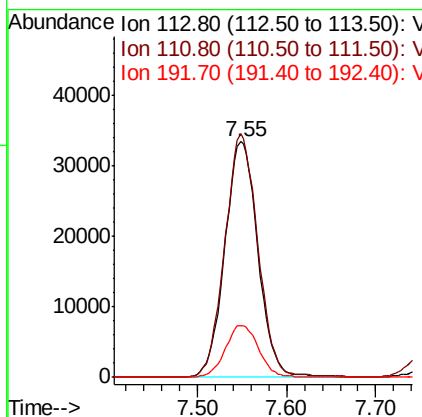
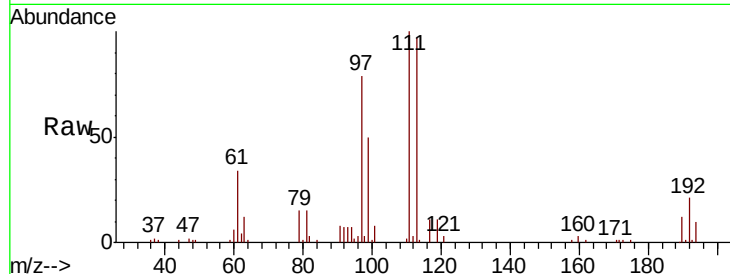




#35
 Dibromofluoromethane
 Concen: 50.443 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN063024.D
 Acq: 19 Aug 2020 19:59

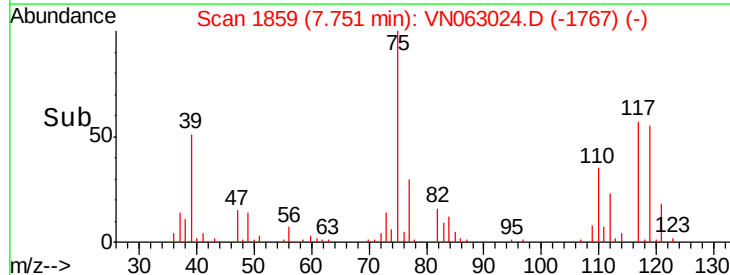
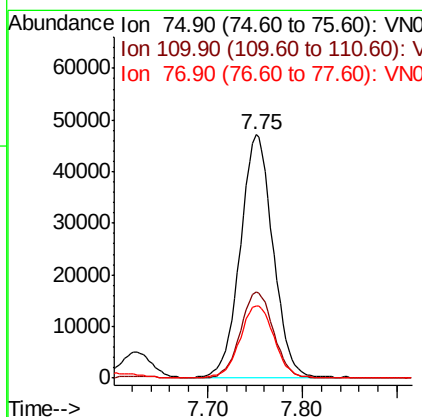
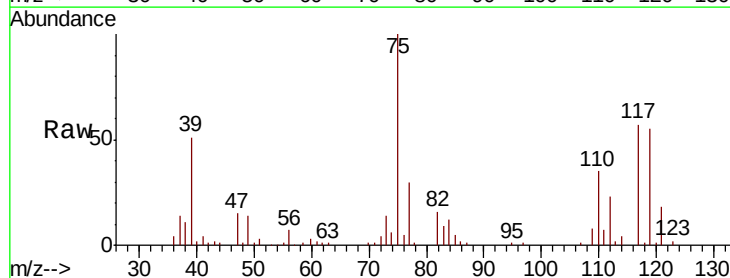
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

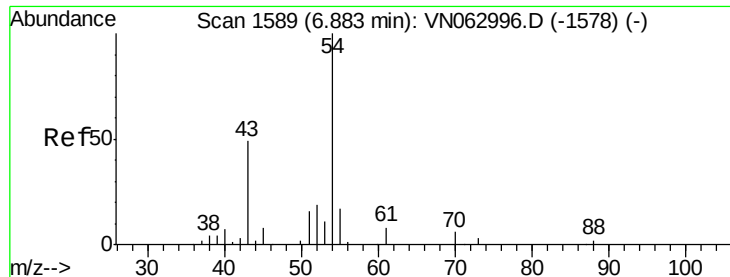
Tot Ion:113 Resp: 85848
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.7 122.5
 192 22.2 17.5 26.3



#36
 1,1-Dichloropropene
 Concen: 49.449 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN063024.D
 Acq: 19 Aug 2020 19:59

Tgt Ion: 75 Resp: 113818
 Ion Ratio Lower Upper
 75 100
 110 35.4 17.5 52.6
 77 31.1 24.2 36.4

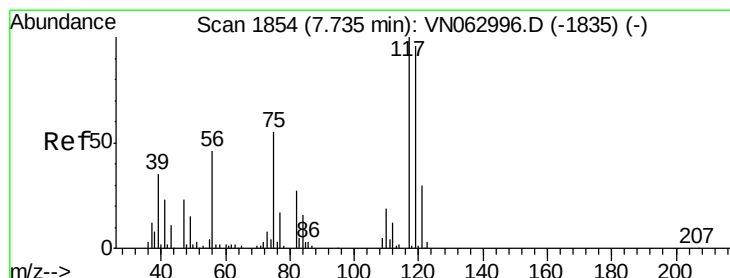
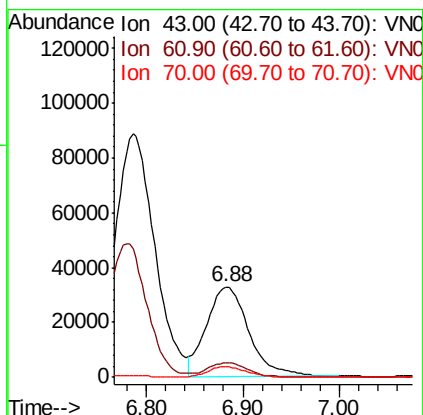
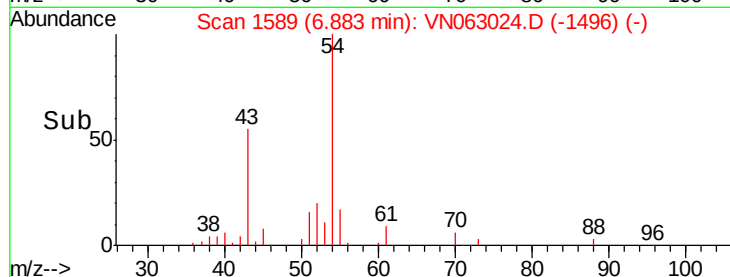
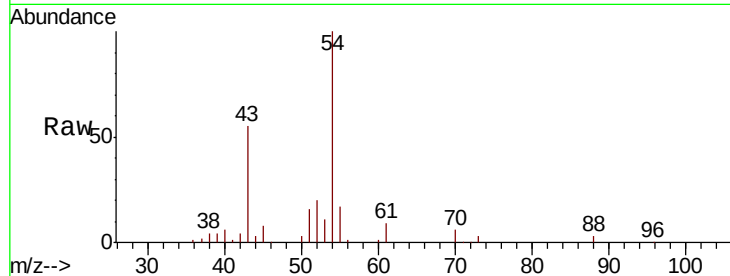




#37
Ethyl Acetate
Concen: 46.285 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. 0.00 min
Lab File: VN063024.D
Acq: 19 Aug 2020 19:59

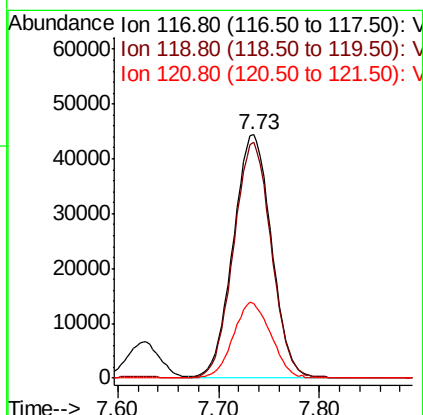
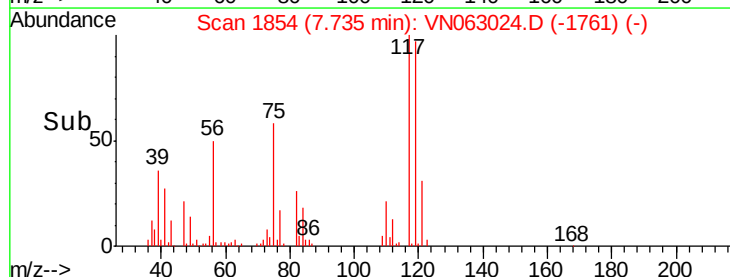
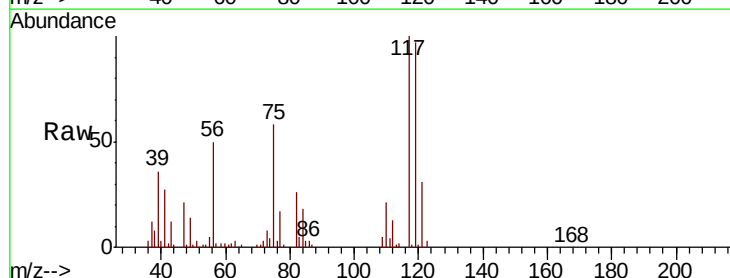
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

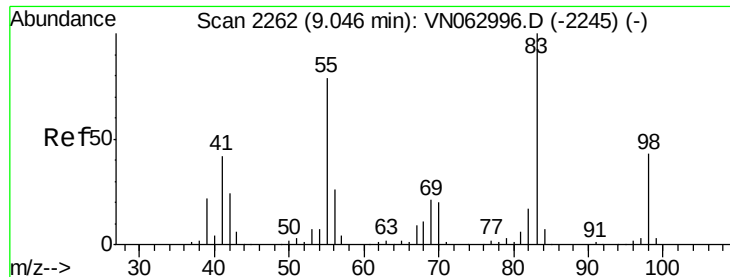
Tot Ion: 43 Resp: 99823
Ion Ratio Lower Upper
43 100
61 15.7 11.8 17.8
70 10.9 8.2 12.2



#38
Carbon Tetrachloride
Concen: 50.433 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VN063024.D
Acq: 19 Aug 2020 19:59

Tgt Ion: 117 Resp: 117193
Ion Ratio Lower Upper
117 100
119 96.8 76.2 114.4
121 30.9 24.2 36.2

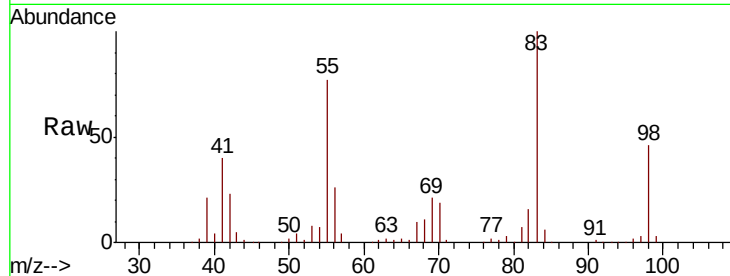




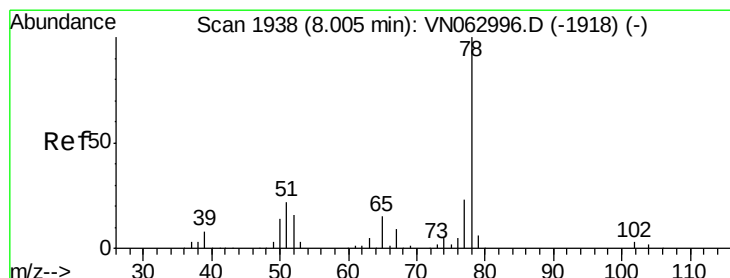
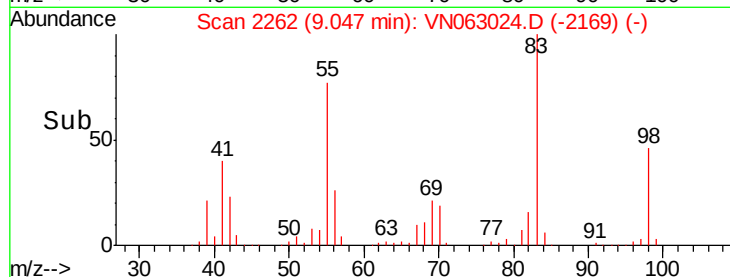
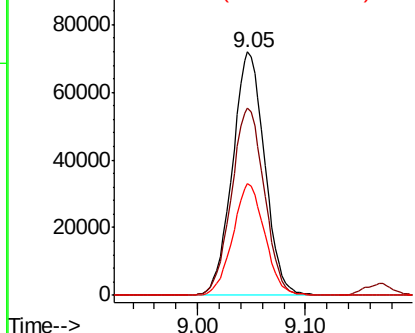
#39
Methylvlcyclohexane
Concen: 48.219 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN063024.D
Acq: 19 Aug 2020 19:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 149662
Ion Ratio Lower Upper
83 100
55 76.9 63.3 94.9
98 45.7 34.2 51.4

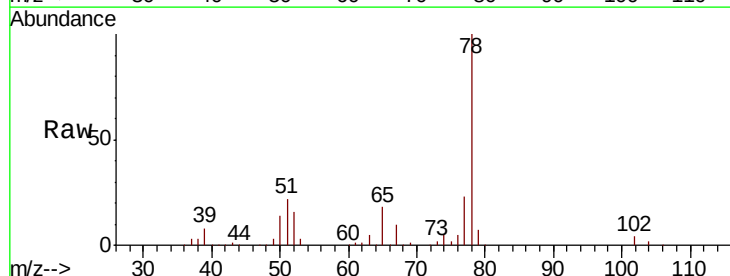


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

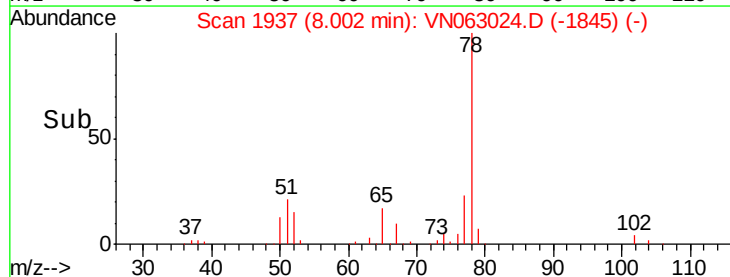
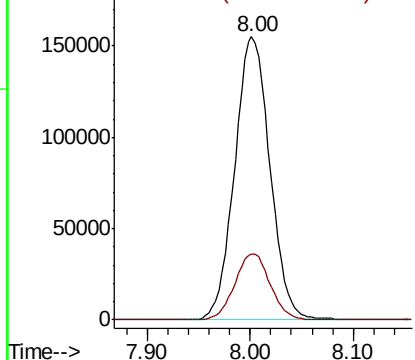


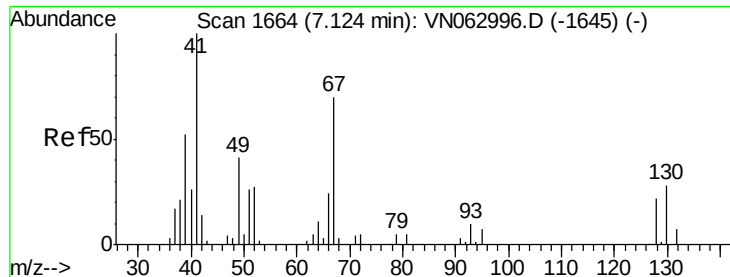
#40
Benzene
Concen: 50.585 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN063024.D
Acq: 19 Aug 2020 19:59

Tgt Ion: 78 Resp: 369284
Ion Ratio Lower Upper
78 100
77 23.4 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

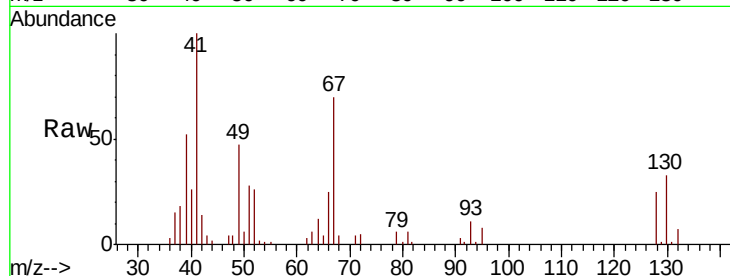




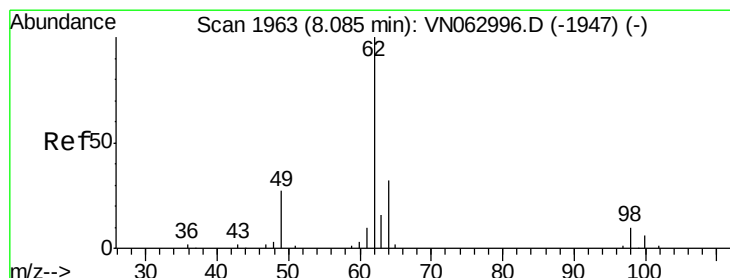
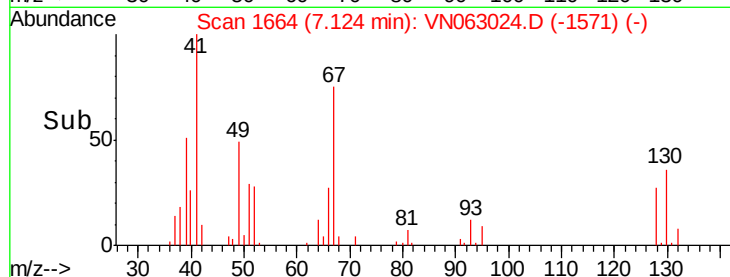
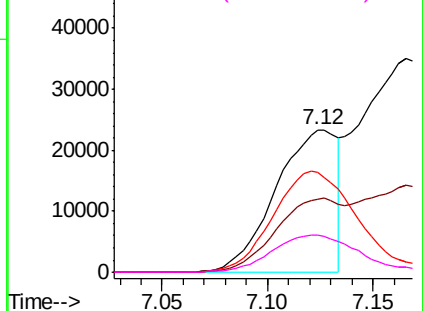
#41
Methacrylonitrile
Concen: 46.165 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. 0.00 min
Lab File: VN063024.D
Acq: 19 Aug 2020 19:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	47438
Ion	Ratio	Lower	Upper
41	100		
39	56.0	41.6	62.4
67	97.6	71.8	107.8
52	37.9	28.2	42.4

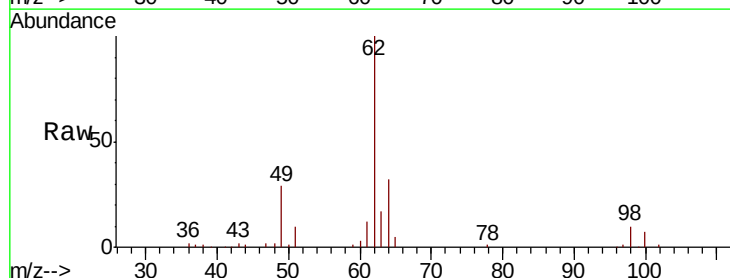


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

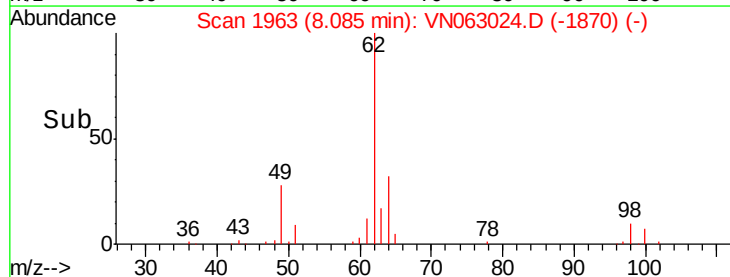
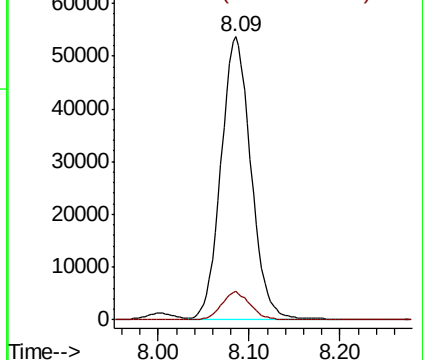


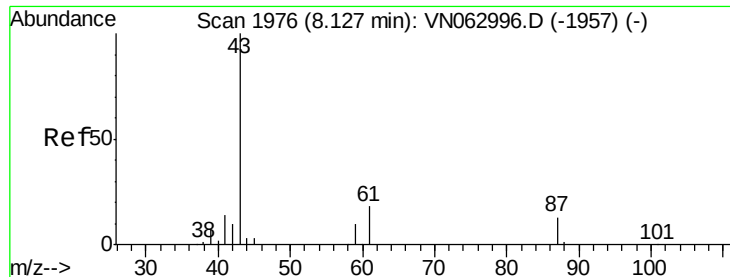
#42
1,2-Dichloroethane
Concen: 50.299 ug/l
RT: 8.09 min Scan# 1663
Delta R.T. 0.00 min
Lab File: VN063024.D
Acq: 19 Aug 2020 19:59

Tgt Ion:	62	Resp:	123293
Ion	Ratio	Lower	Upper
62	100		
98	9.4	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: 46.539 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN063024.D

Acq: 19 Aug 2020 19:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

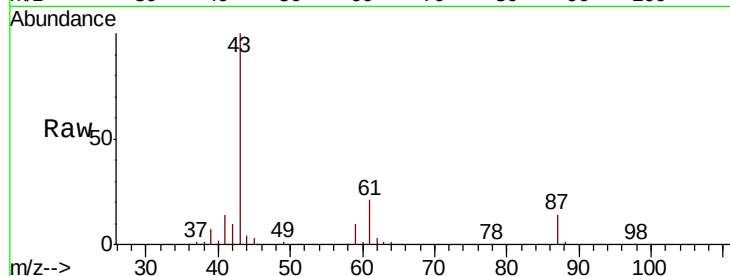
Tot Ion: 43 Resp: 166286

Ion Ratio Lower Upper

43 100

61 22.3 22.6 33.8#

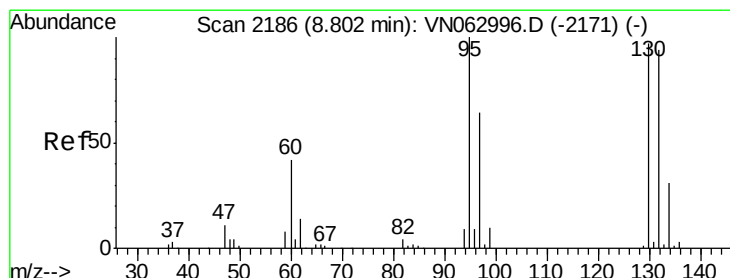
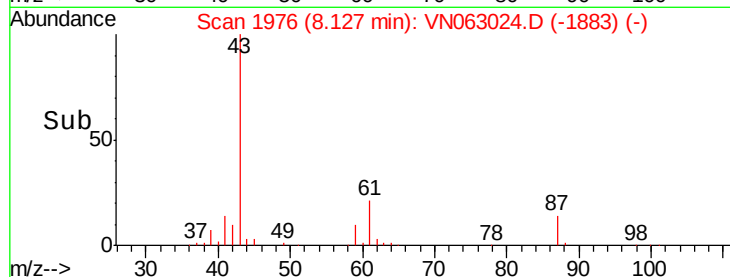
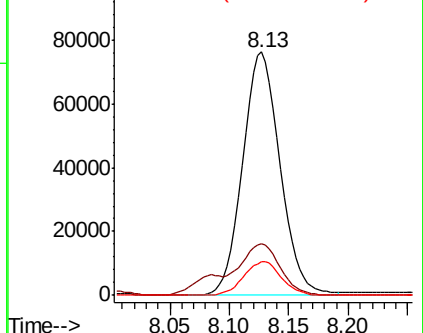
87 13.9 10.5 15.7



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: 50.389 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. 0.00 min

Lab File: VN063024.D

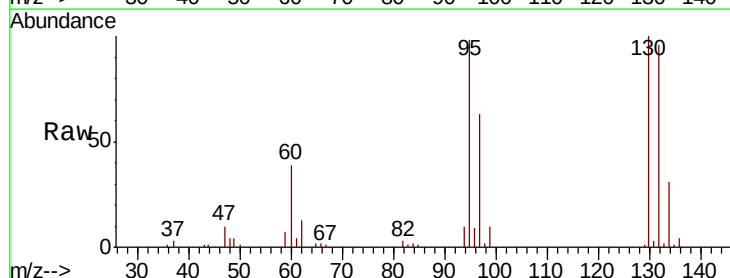
Acq: 19 Aug 2020 19:59

Tgt Ion:130 Resp: 91500

Ion Ratio Lower Upper

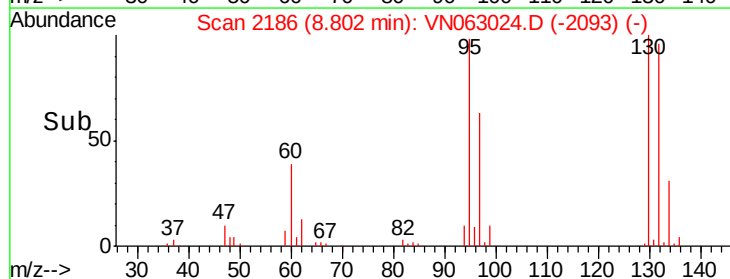
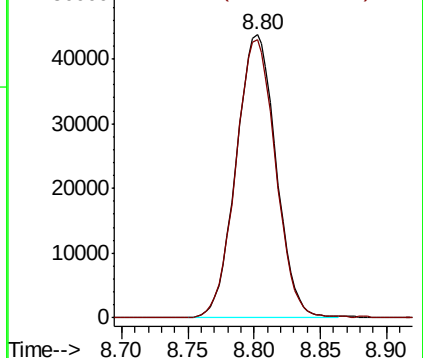
130 100

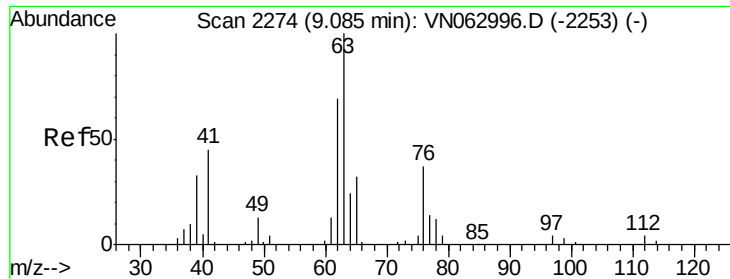
95 98.4 0.0 205.6



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

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

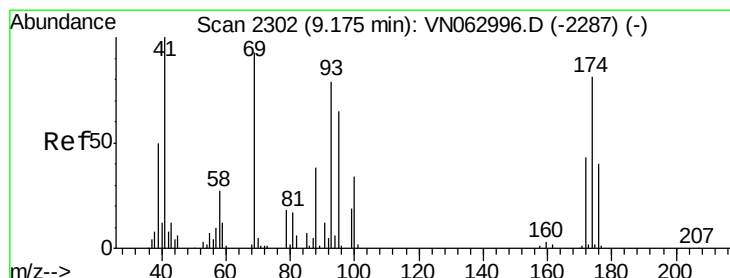
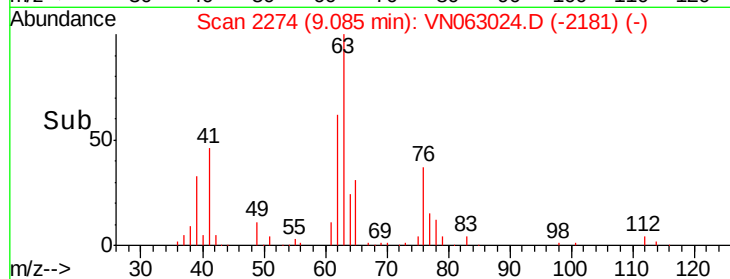
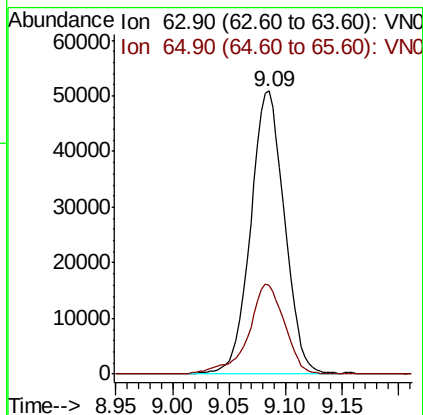
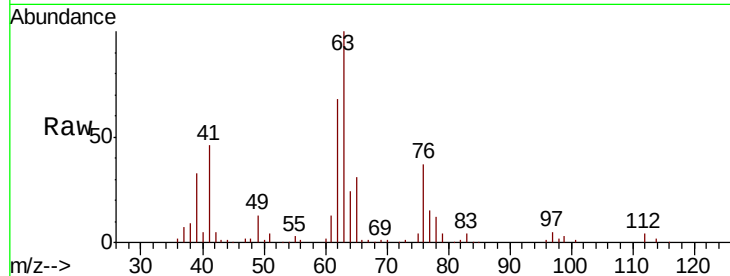




#45
 1,2-Dichloropropane
 Concen: 50.197 ug/l
 RT: 9.09 min Scan# 2274
 Delta R.T. 0.00 min
 Lab File: VN063024.D
 Acq: 19 Aug 2020 19:59

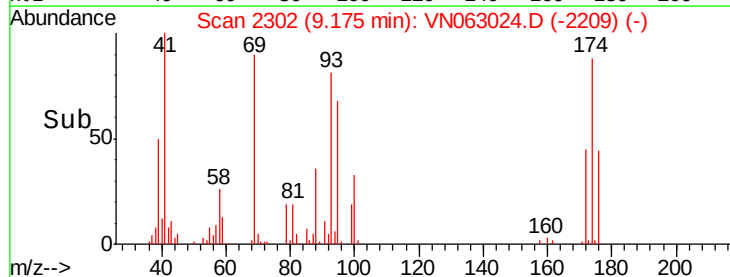
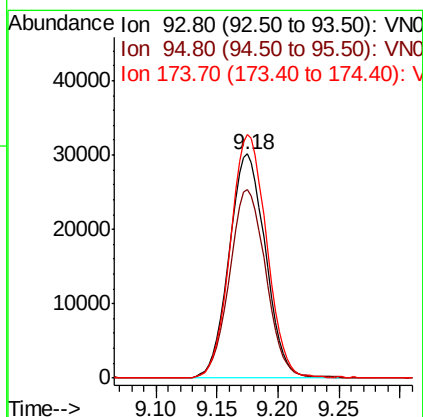
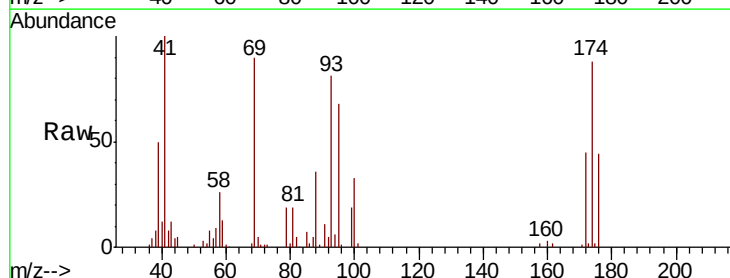
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

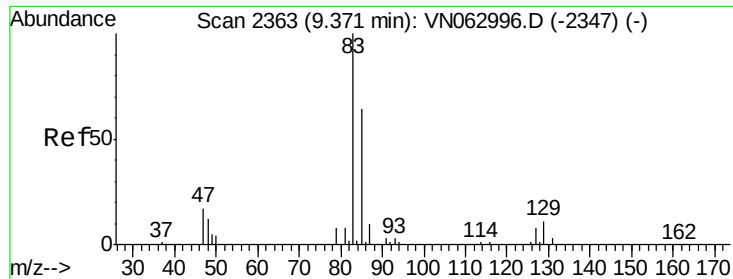
Tot Ion: 63 Resp: 105924
 Ion Ratio Lower Upper
 63 100
 65 31.2 25.6 38.4



#46
 Dibromomethane
 Concen: 51.352 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. 0.00 min
 Lab File: VN063024.D
 Acq: 19 Aug 2020 19:59

Tgt Ion: 93 Resp: 62601
 Ion Ratio Lower Upper
 93 100
 95 83.9 66.2 99.4
 174 108.0 84.6 127.0

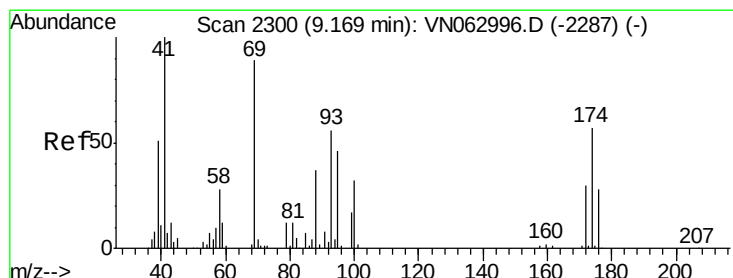
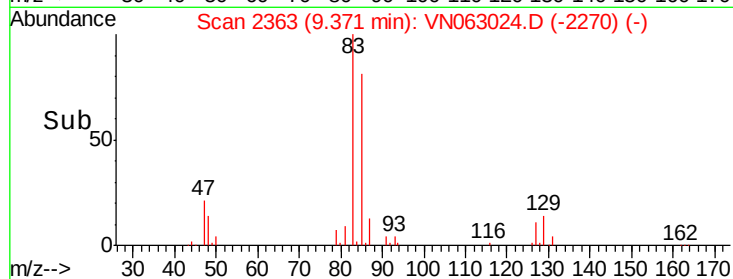
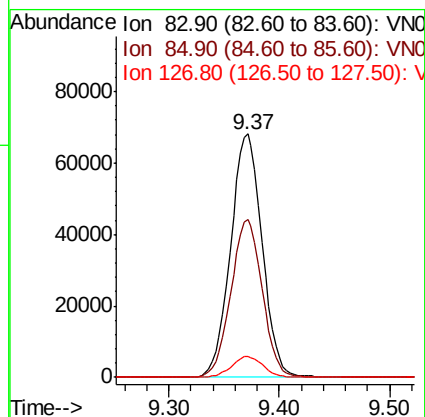
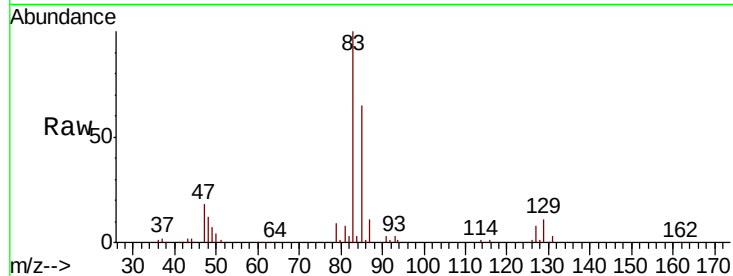




#47
Bromodichloromethane
Concen: 50.475 ug/l
RT: 9.37 min Scan# 2363
Delta R.T. 0.00 min
Lab File: VN063024.D
Acq: 19 Aug 2020 19:59

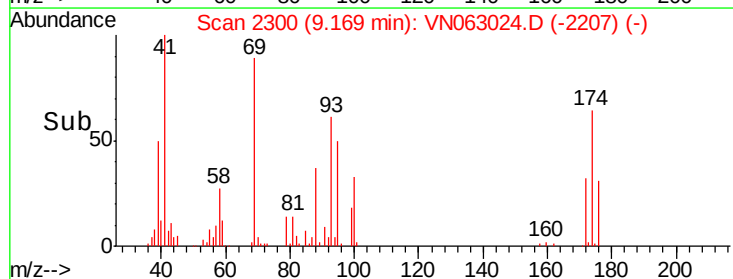
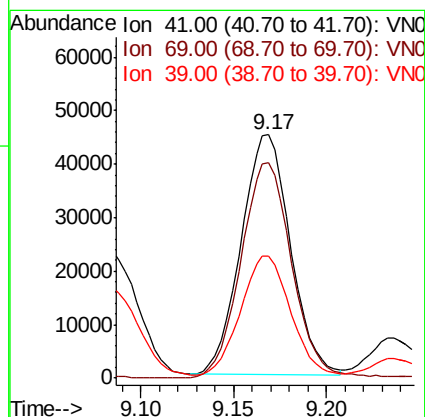
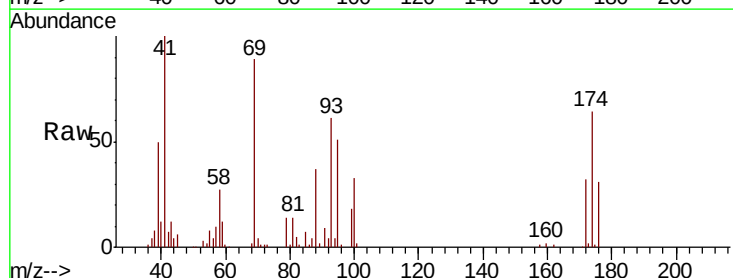
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

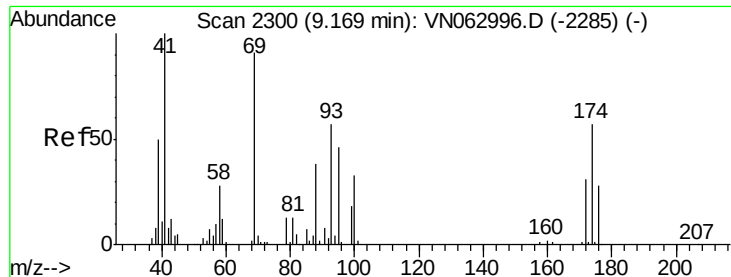
Tot Ion: 83 Resp: 134767
Ion Ratio Lower Upper
83 100
85 64.8 51.1 76.7
127 8.5 6.6 9.8



#48
Methyl methacrylate
Concen: 49.189 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. 0.00 min
Lab File: VN063024.D
Acq: 19 Aug 2020 19:59

Tgt Ion: 41 Resp: 83158
Ion Ratio Lower Upper
41 100
69 93.3 74.2 111.4
39 50.1 42.5 63.7

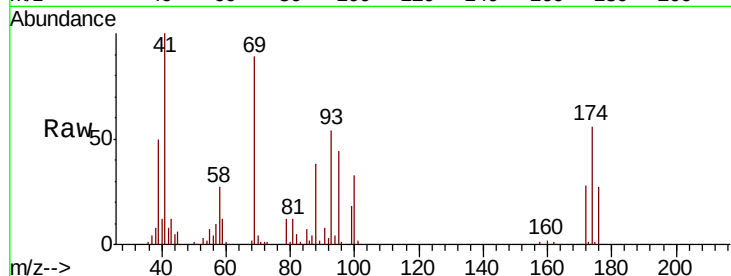




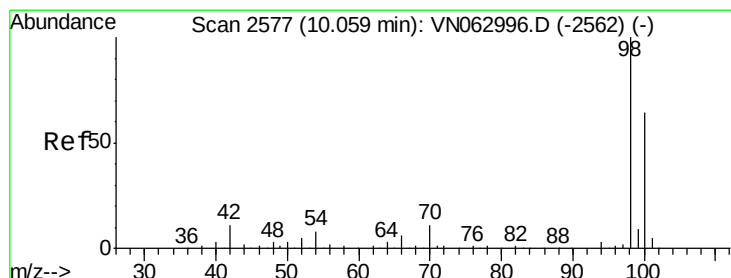
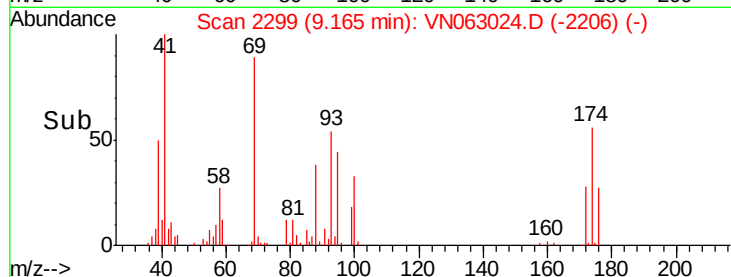
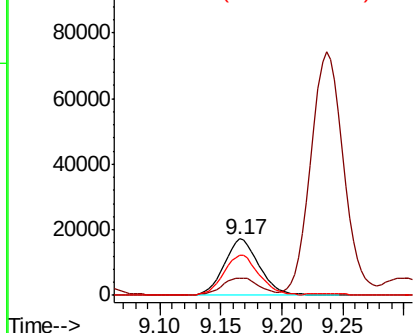
#49
 1,4-Dioxane
 Concen: 932.637 ug/l
 RT: 9.17 min Scan# 2299
 Delta R.T. -0.00 min
 Lab File: VN063024.D
 Acq: 19 Aug 2020 19:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 88 Resp: 34657
 Ion Ratio Lower Upper
 88 100
 43 31.0 25.2 37.8
 58 71.6 56.7 85.1

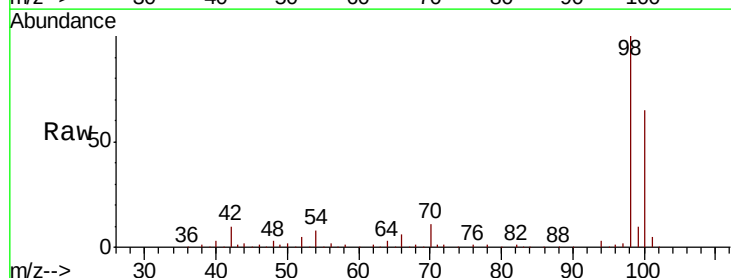


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

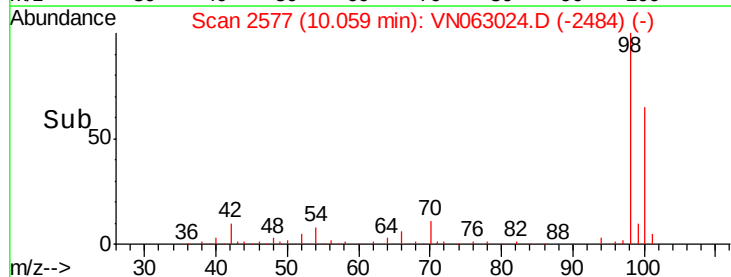
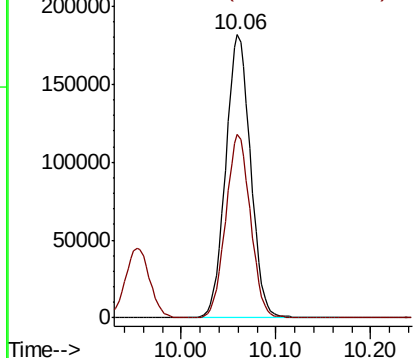


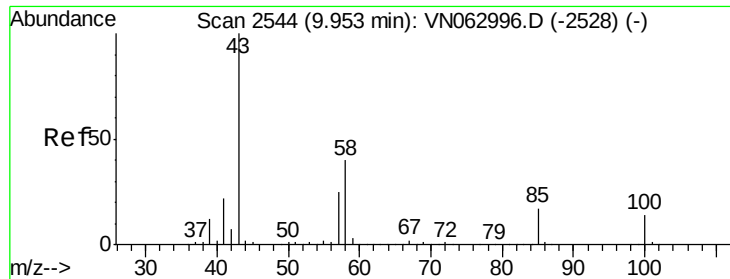
#50
 Toluene-d8
 Concen: 50.780 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. 0.00 min
 Lab File: VN063024.D
 Acq: 19 Aug 2020 19:59

Tgt Ion: 98 Resp: 331947
 Ion Ratio Lower Upper
 98 100
 100 64.0 51.2 76.8



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

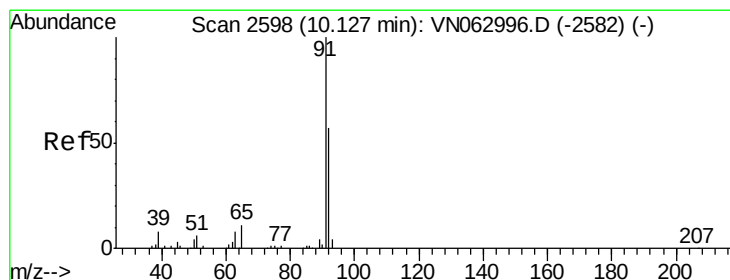
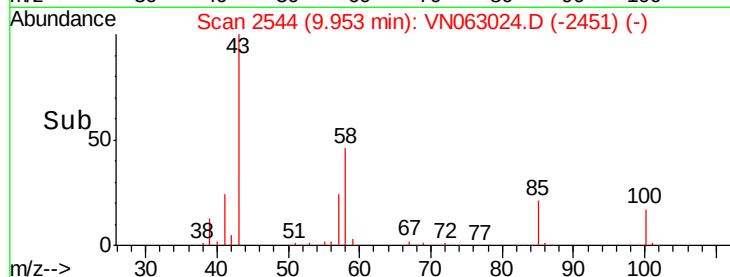
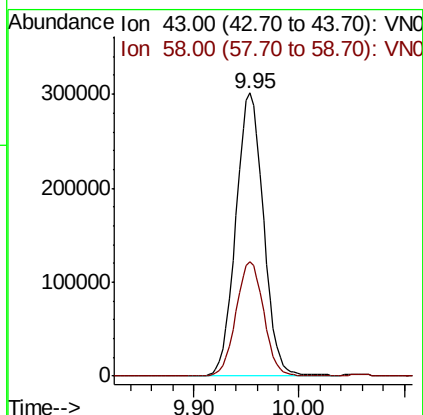
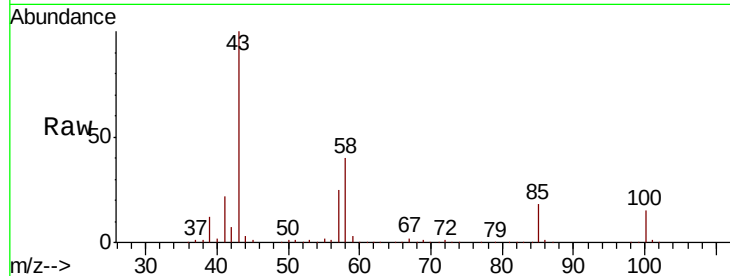




#51
4-Methyl-2-Pentanone
Concen: 241.970 ug/l
RT: 9.95 min Scan# 2544
Delta R.T. 0.00 min
Lab File: VN063024.D
Acq: 19 Aug 2020 19:59

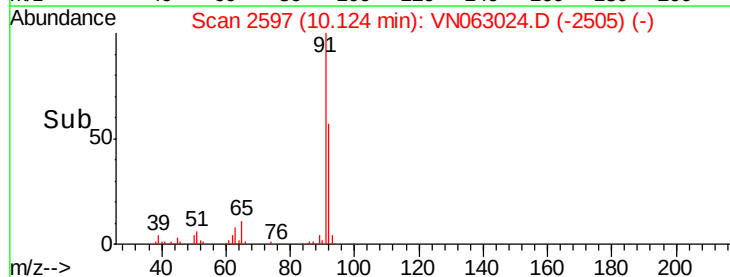
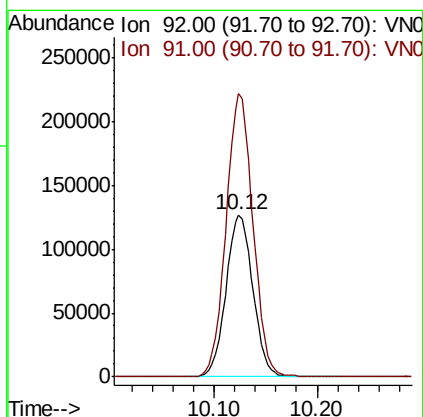
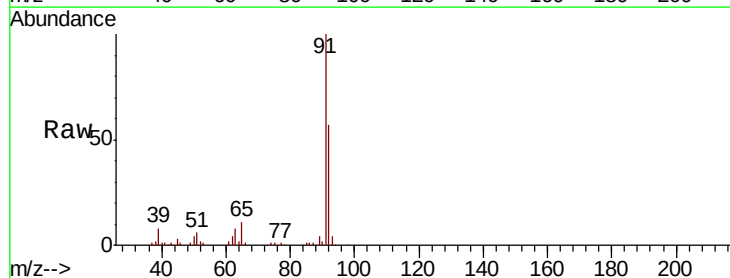
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

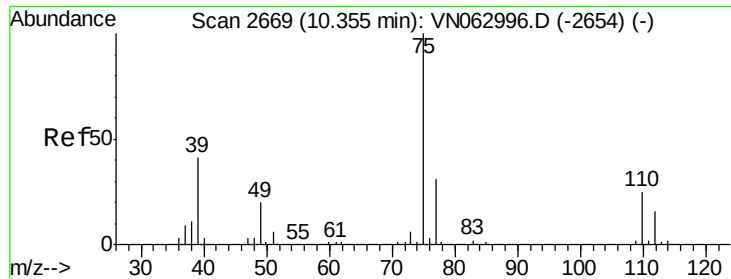
Tot Ion: 43 Resp: 546483
Ion Ratio Lower Upper
43 100
58 40.7 32.2 48.2



#52
Toluene
Concen: 52.277 ug/l
RT: 10.12 min Scan# 2597
Delta R.T. -0.00 min
Lab File: VN063024.D
Acq: 19 Aug 2020 19:59

Tgt Ion: 92 Resp: 230217
Ion Ratio Lower Upper
92 100
91 175.0 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 51.278 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN063024.D

Acq: 19 Aug 2020 19:59

Instrument :

MSVOA_N

ClientSampleId :

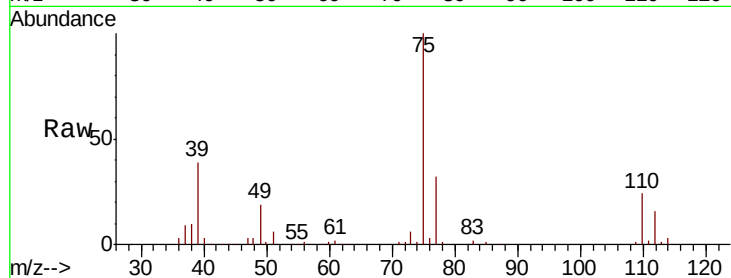
VSTDCCC050EC

Tot Ion: 75 Resp: 141582

Ion Ratio Lower Upper

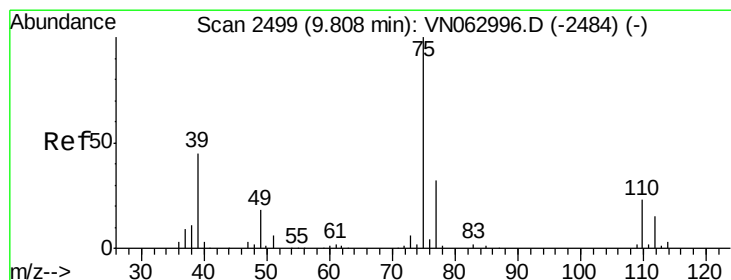
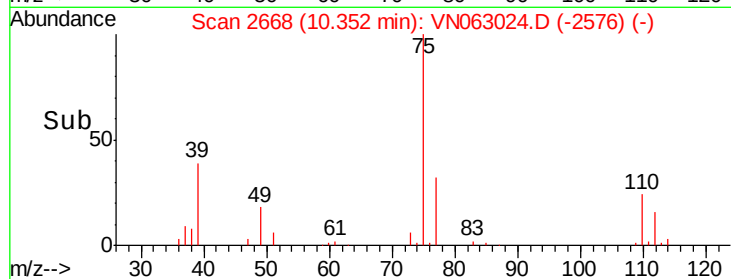
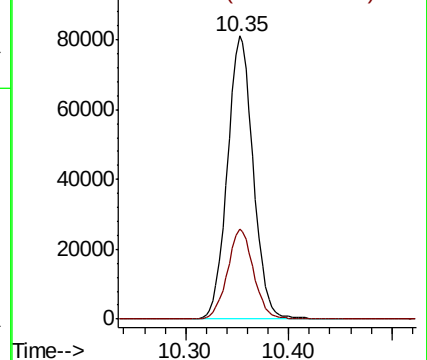
75 100

77 31.9 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 51.201 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. 0.00 min

Lab File: VN063024.D

Acq: 19 Aug 2020 19:59

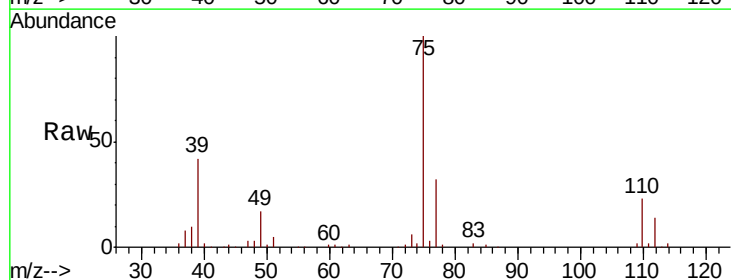
Tgt Ion: 75 Resp: 155081

Ion Ratio Lower Upper

75 100

77 31.6 25.4 38.2

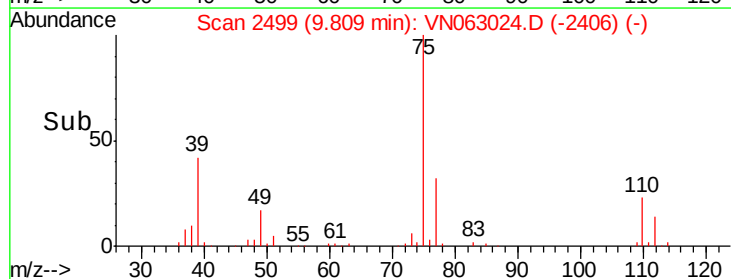
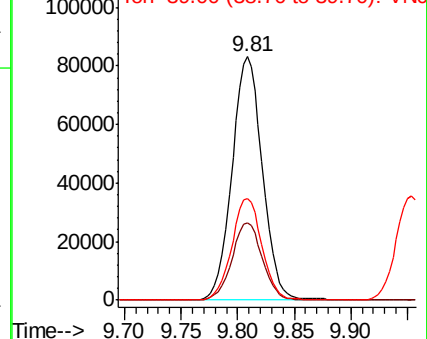
39 41.9 35.7 53.5

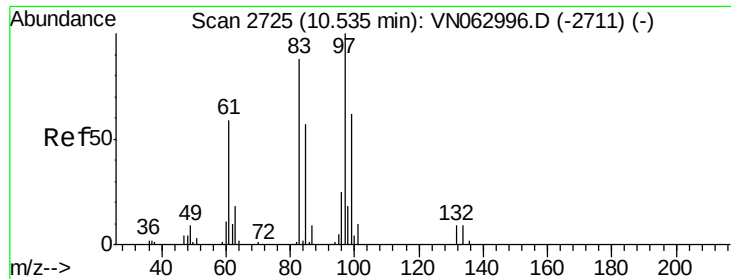


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

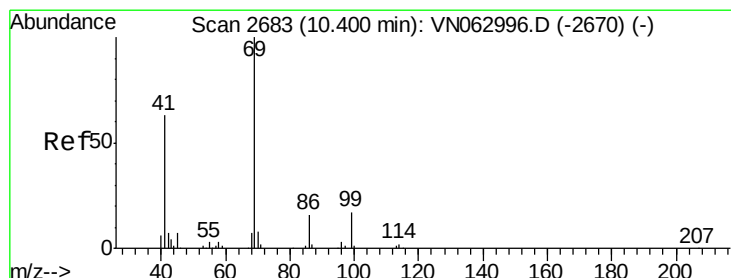
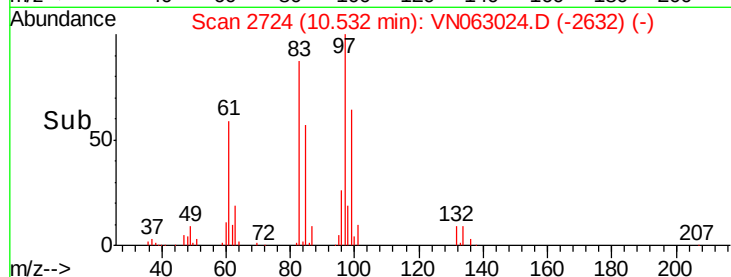
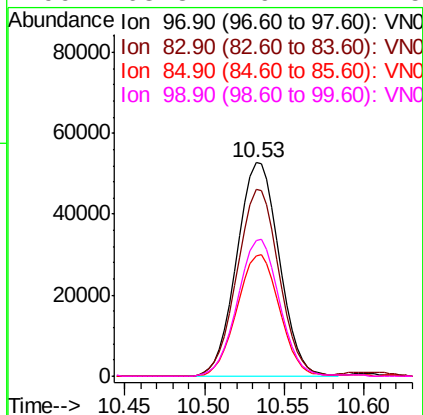
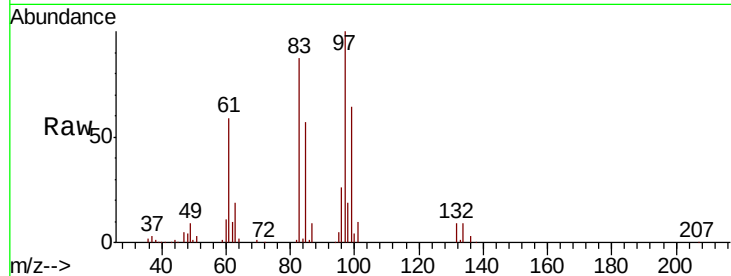




#55
 1,1,2-Trichloroethane
 Concen: 50.911 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN063024.D
 Acq: 19 Aug 2020 19:59

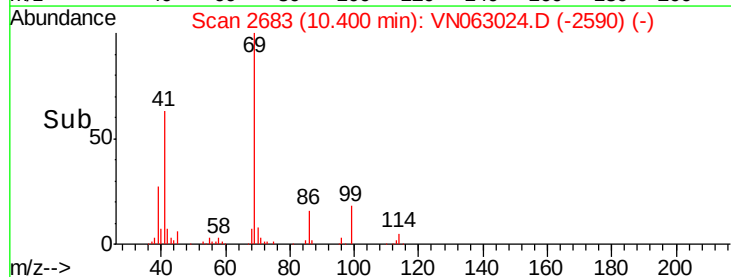
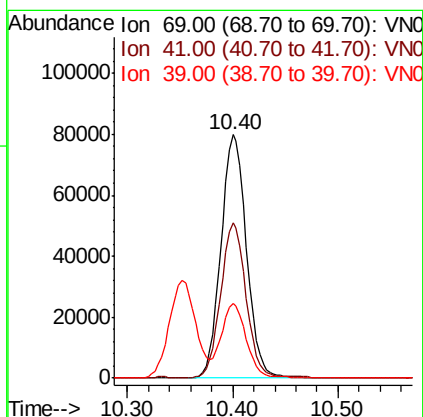
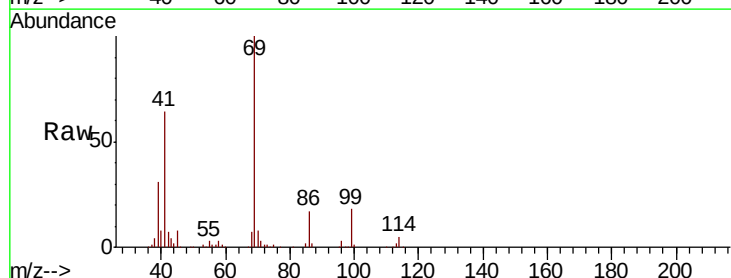
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

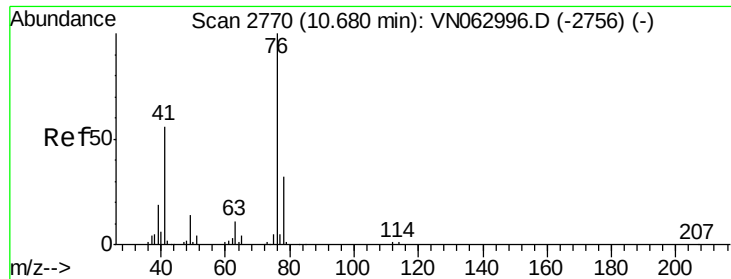
Tot Ion: 97 Resp: 95865
 Ion Ratio Lower Upper
 97 100
 83 87.2 70.5 105.7
 85 56.6 45.8 68.6
 99 63.8 49.7 74.5



#56
 Ethyl methacrylate
 Concen: 46.245 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN063024.D
 Acq: 19 Aug 2020 19:59

Tgt Ion: 69 Resp: 134097
 Ion Ratio Lower Upper
 69 100
 41 62.8 50.2 75.2
 39 29.8 24.2 36.4





#57

1,3-Dichloropropane

Concen: 50.319 ug/l

RT: 10.68 min Scan# 2769

Delta R.T. -0.00 min

Lab File: VN063024.D

Acq: 19 Aug 2020 19:59

Instrument :

MSVOA_N

ClientSampleId :

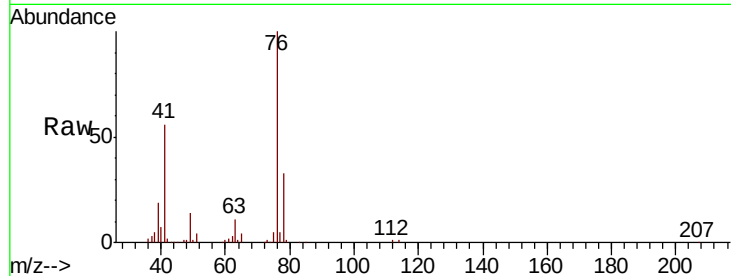
VSTDCCC050EC

Tot Ion: 76 Resp: 157337

Ion Ratio Lower Upper

76 100

78 32.8 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VN062996.D (-2756) (-)

Ion 77.90 (77.60 to 78.60): VN062996.D (-2756) (-)

10.68

80000

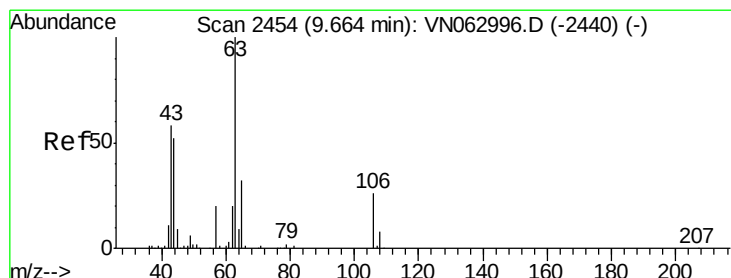
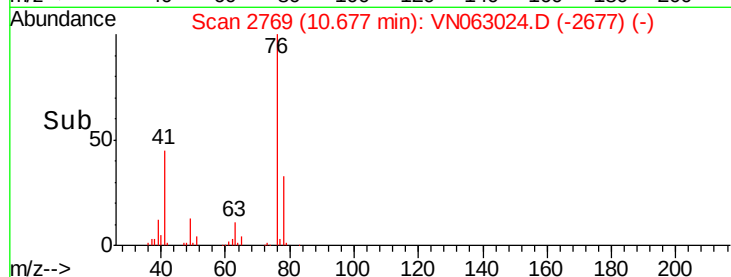
60000

40000

20000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 212.729 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VN063024.D

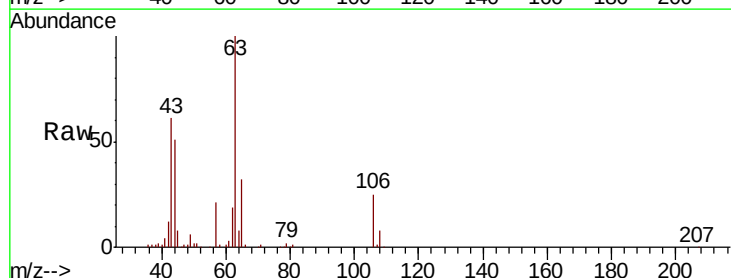
Acq: 19 Aug 2020 19:59

Tgt Ion: 63 Resp: 149056

Ion Ratio Lower Upper

63 100

106 25.7 20.7 31.1



Abundance Ion 62.90 (62.60 to 63.60): VN062996.D (-2440) (-)

Ion 105.90 (105.60 to 106.60): VN062996.D (-2440) (-)

9.66

80000

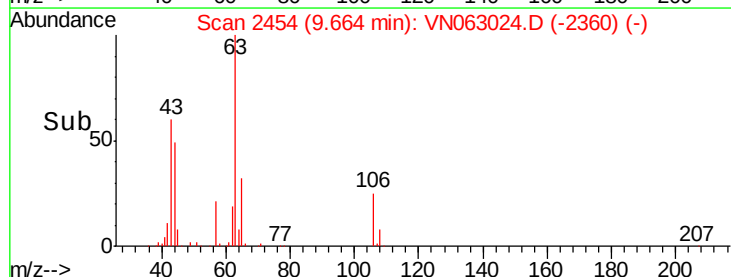
60000

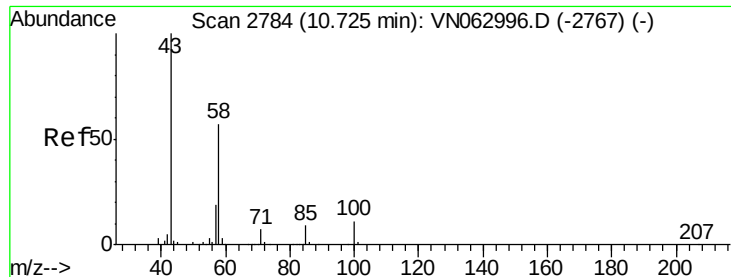
40000

20000

0

Time-->

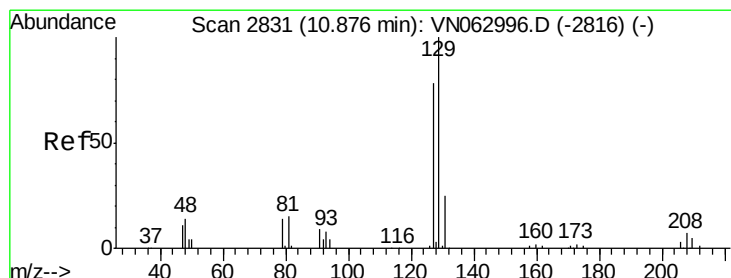
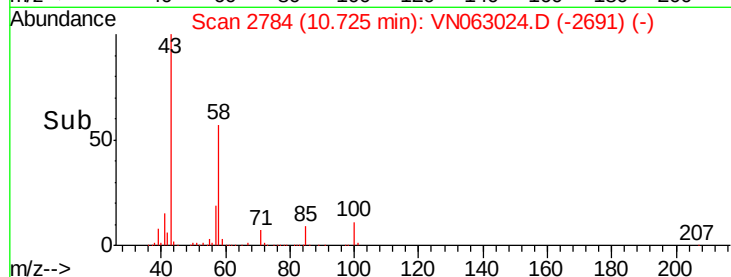
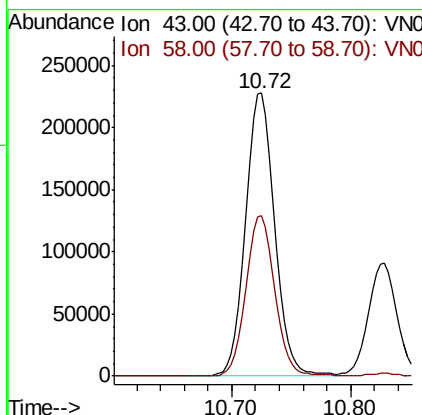
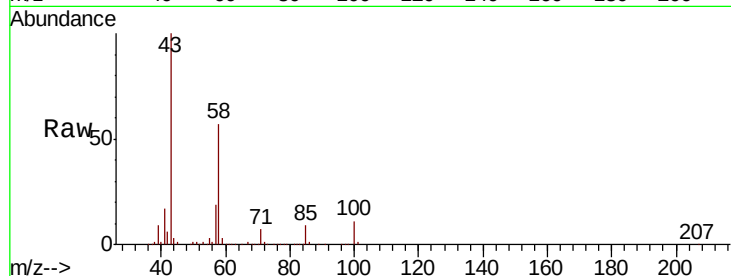




#59
2-Hexanone
Concen: 244.993 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN063024.D
Acq: 19 Aug 2020 19:59

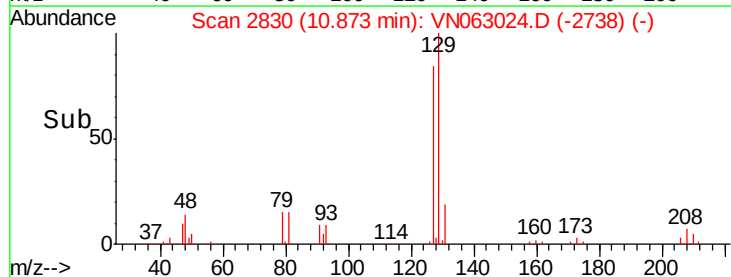
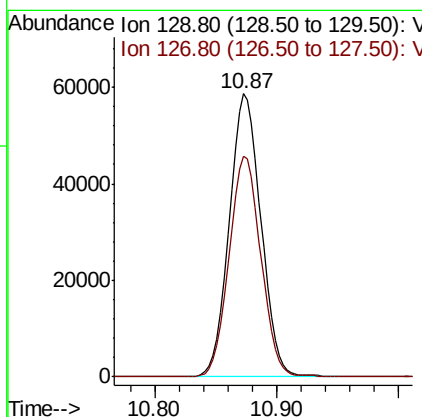
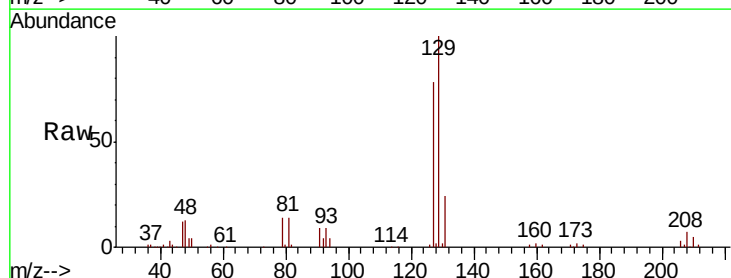
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

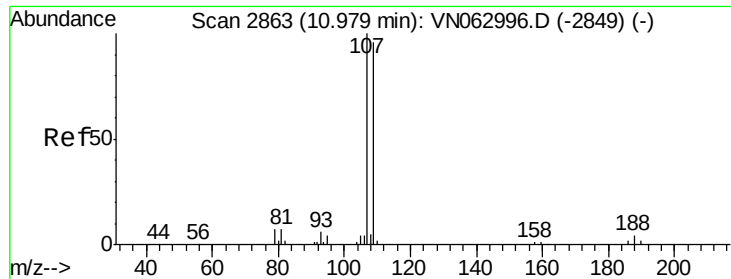
Tot Ion: 43 Resp: 385947
Ion Ratio Lower Upper
43 100
58 56.5 28.1 84.3



#60
Dibromochloromethane
Concen: 50.896 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN063024.D
Acq: 19 Aug 2020 19:59

Tgt Ion: 129 Resp: 106060
Ion Ratio Lower Upper
129 100
127 77.9 38.4 115.2





#61

1,2-Dibromoethane

Concen: 52.579 ug/l

RT: 10.98 min Scan# 2863

Delta R.T. 0.00 min

Lab File: VN063024.D

Acq: 19 Aug 2020 19:59

Instrument :

MSVOA_N

ClientSampleId :

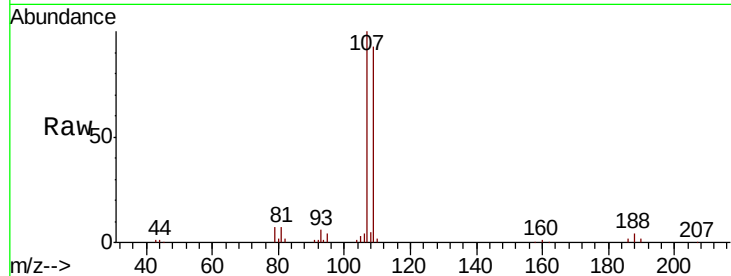
VSTDCCC050EC

Tot Ion:107 Resp: 95132

Ion Ratio Lower Upper

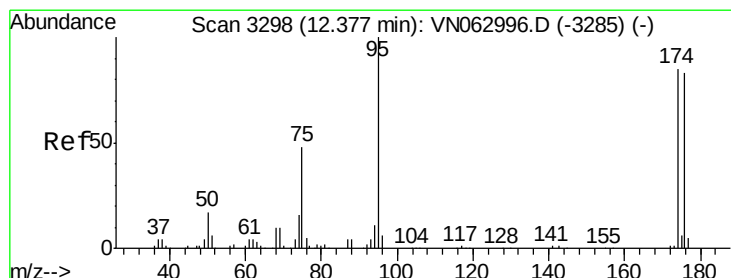
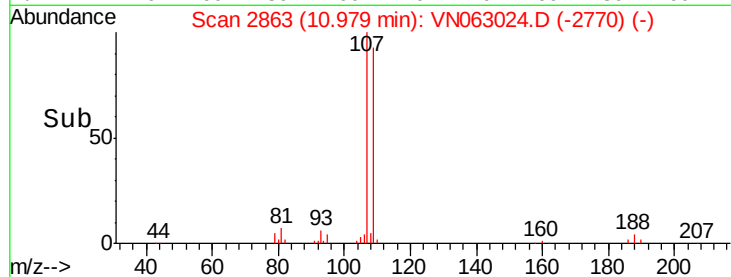
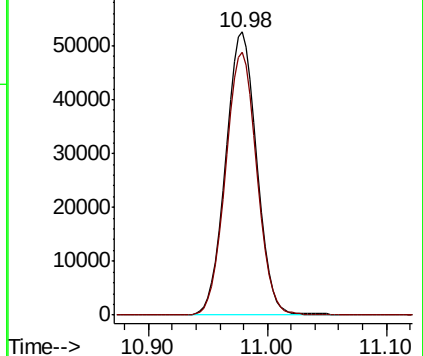
107 100

109 93.2 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: 52.082 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN063024.D

Acq: 19 Aug 2020 19:59

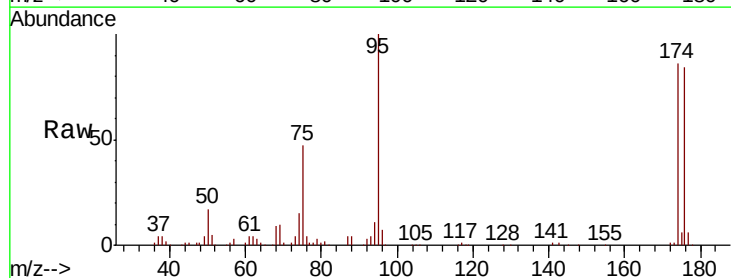
Tgt Ion: 95 Resp: 120144

Ion Ratio Lower Upper

95 100

174 86.3 0.0 170.8

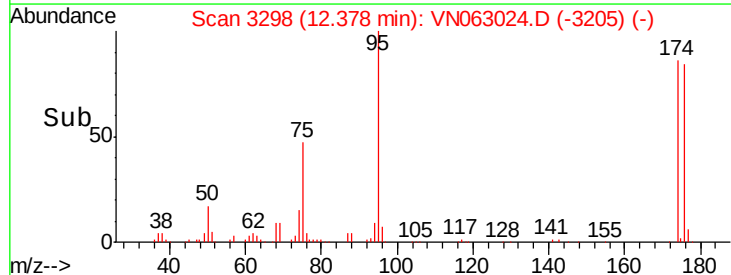
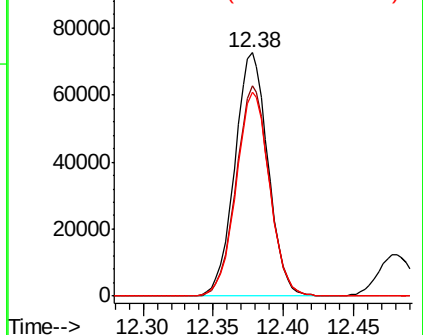
176 84.2 0.0 164.8

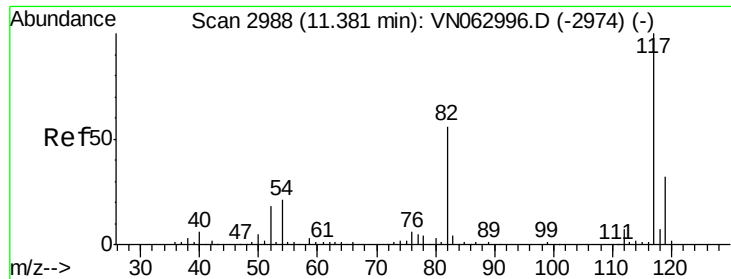


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

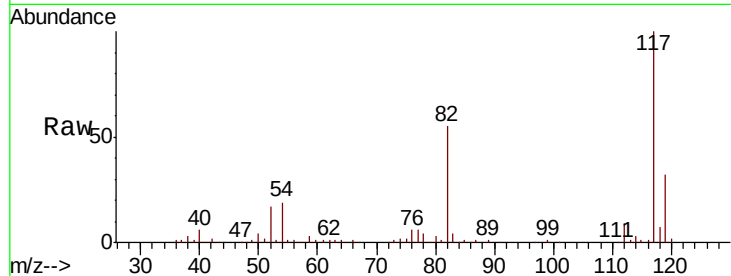




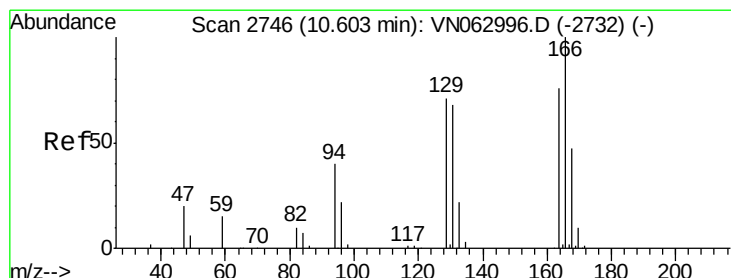
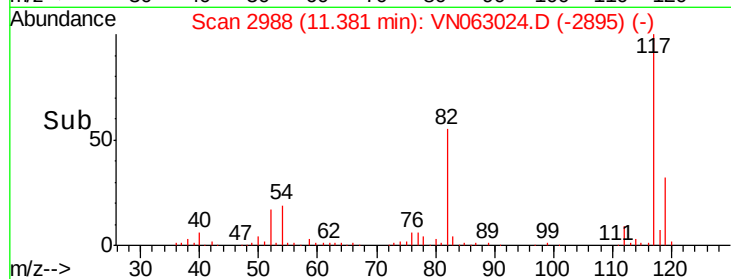
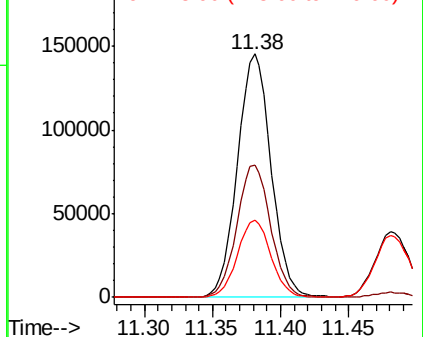
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN063024.D
Acq: 19 Aug 2020 19:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 249481
Ion Ratio Lower Upper
117 100
82 54.5 44.5 66.7
119 31.7 25.5 38.3

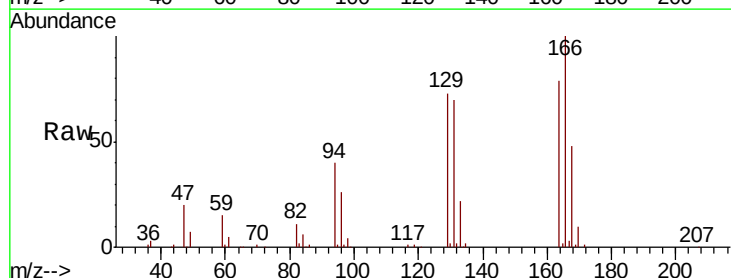


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

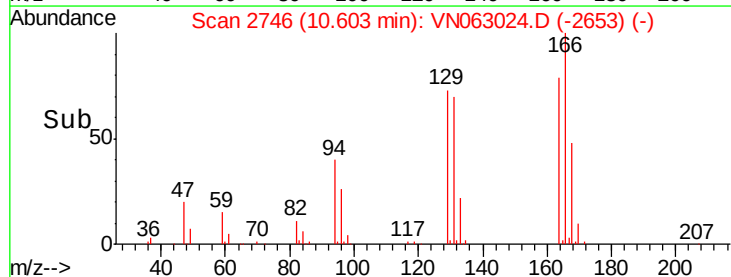
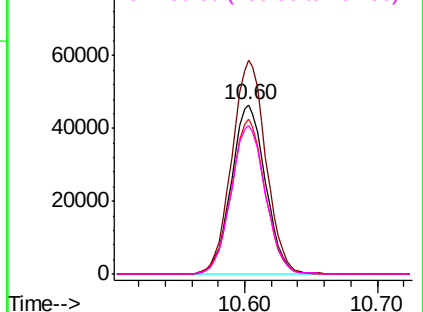


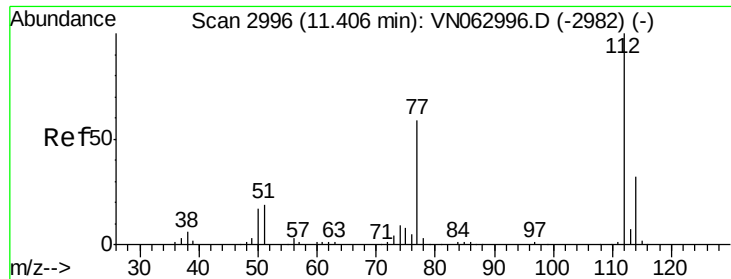
#64
Tetrachloroethene
Concen: 50.417 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN063024.D
Acq: 19 Aug 2020 19:59

Tgt Ion:164 Resp: 82681
Ion Ratio Lower Upper
164 100
166 126.4 105.0 157.6
129 91.7 74.7 112.1
131 87.9 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

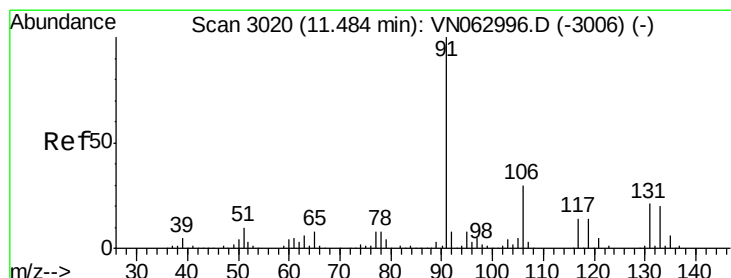
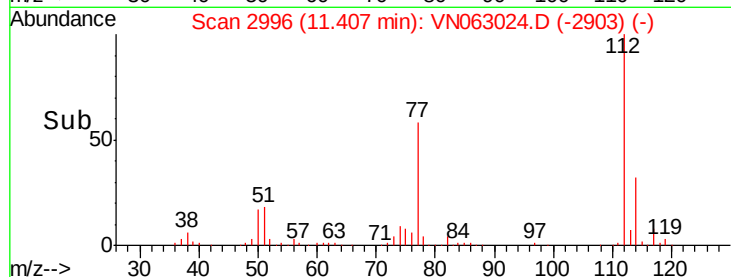
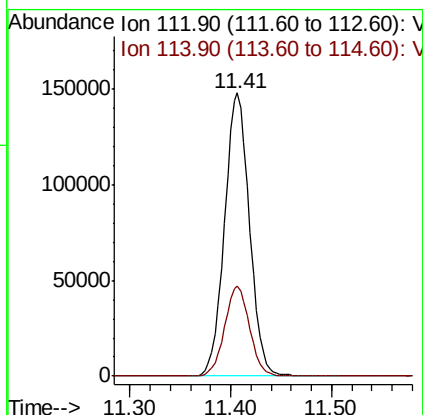
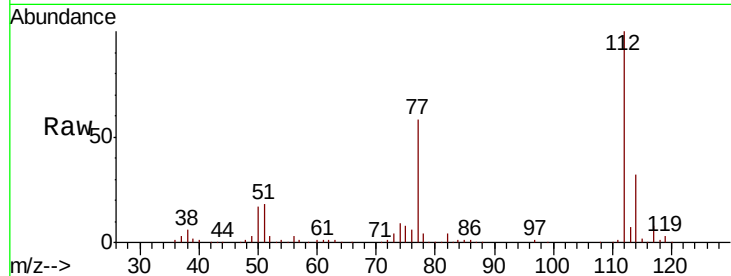




#65
Chlorobenzene
Concen: 50.885 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN063024.D
Acq: 19 Aug 2020 19:59

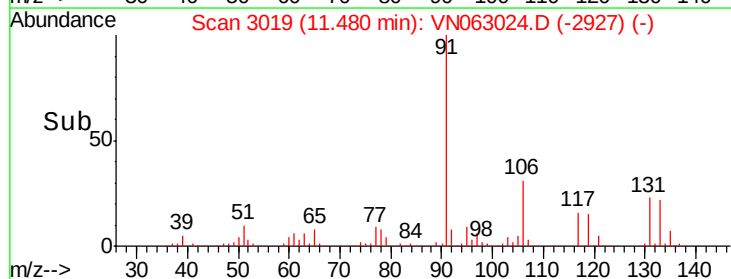
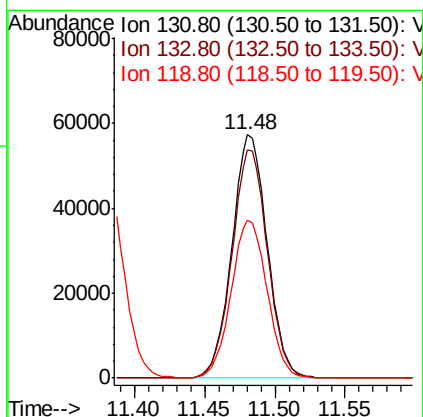
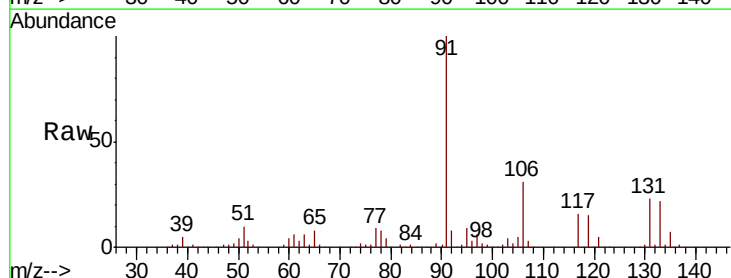
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

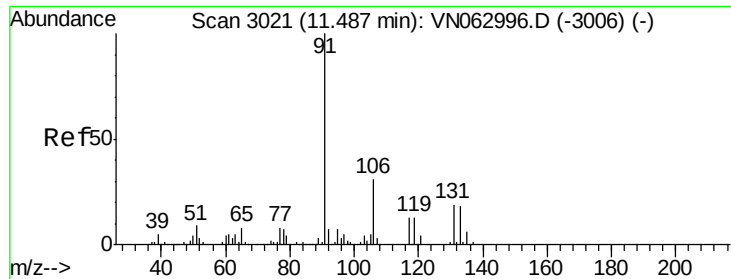
Tot Ion:112 Resp: 254961
Ion Ratio Lower Upper
112 100
114 31.7 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 51.390 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN063024.D
Acq: 19 Aug 2020 19:59

Tgt Ion:131 Resp: 100153
Ion Ratio Lower Upper
131 100
133 94.8 47.5 142.6
119 66.4 33.1 99.3

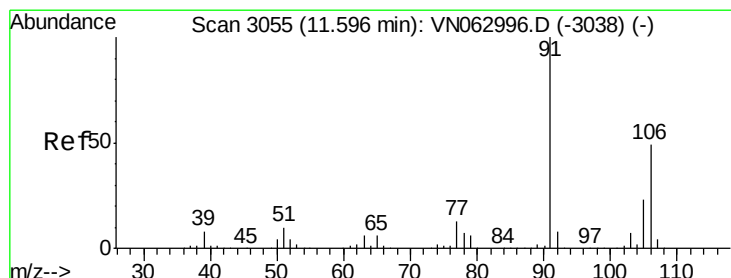
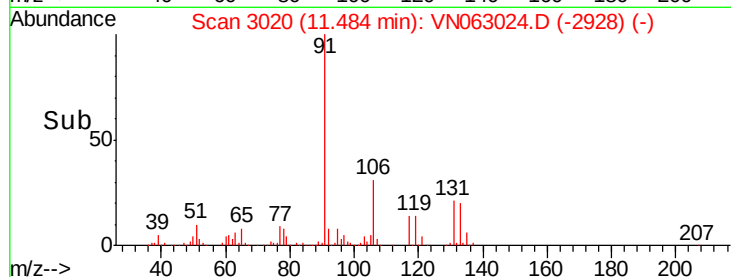
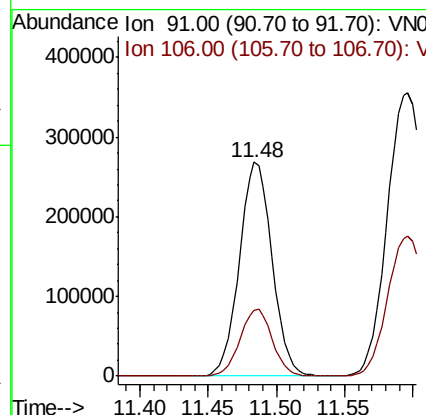
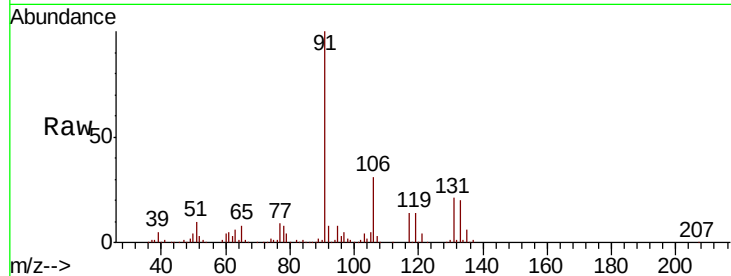




#67
Ethyl Benzene
Concen: 52.853 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN063024.D
Acq: 19 Aug 2020 19:59

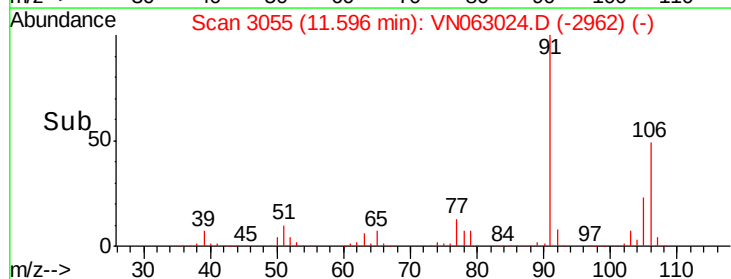
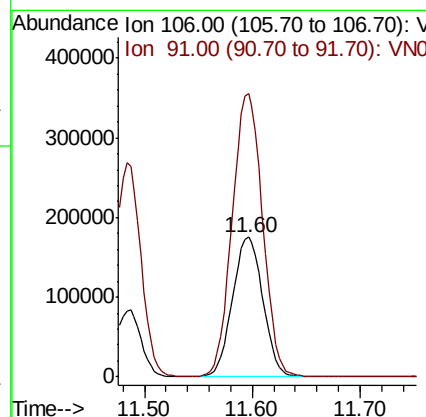
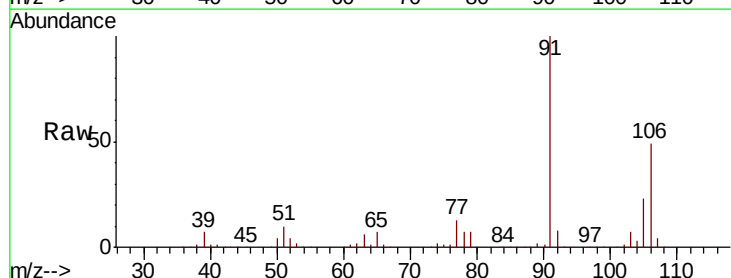
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

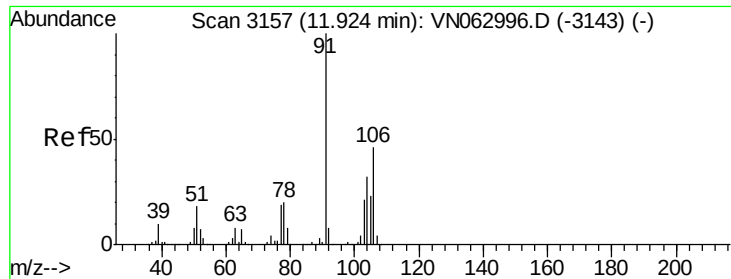
Tot Ion: 91 Resp: 447470
Ion Ratio Lower Upper
91 100
106 31.0 24.6 37.0



#68
m/p-Xylenes
Concen: 109.558 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN063024.D
Acq: 19 Aug 2020 19:59

Tgt Ion: 106 Resp: 344741
Ion Ratio Lower Upper
106 100
91 202.4 163.0 244.4

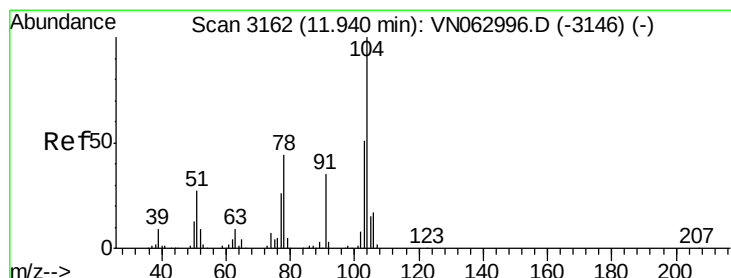
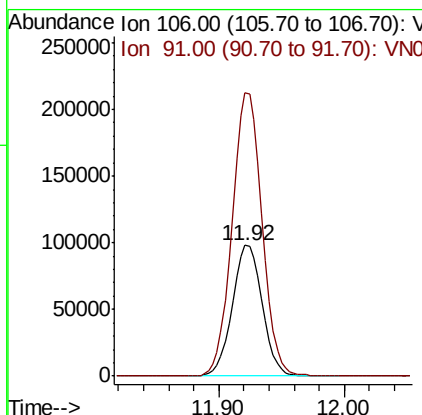
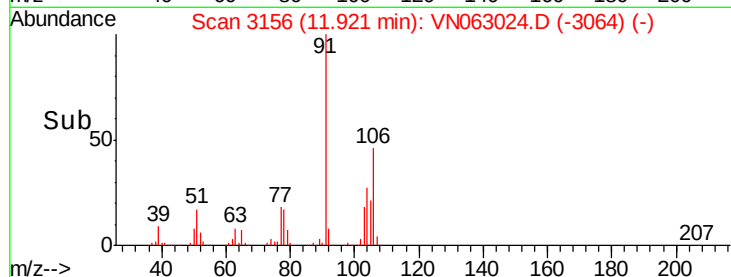
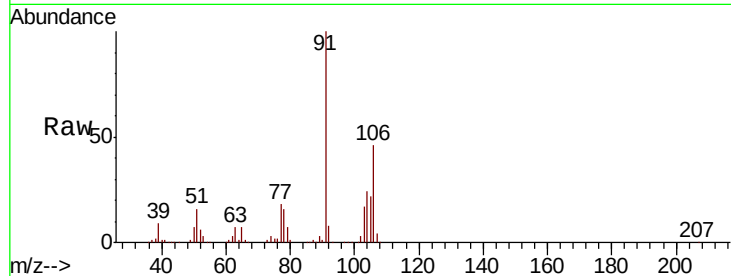




#69
o-Xylene
Concen: 53.825 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN063024.D
Acq: 19 Aug 2020 19:59

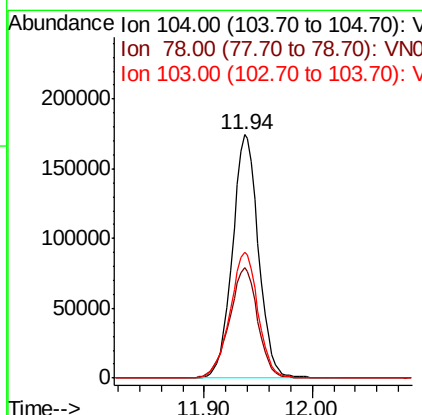
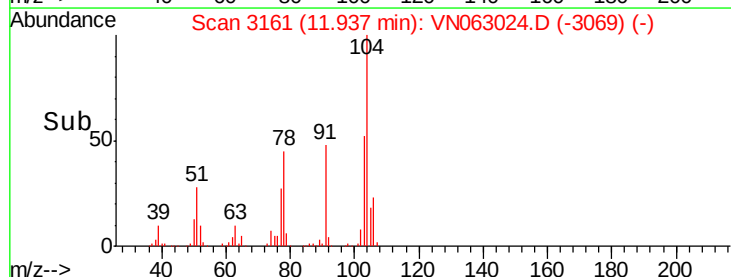
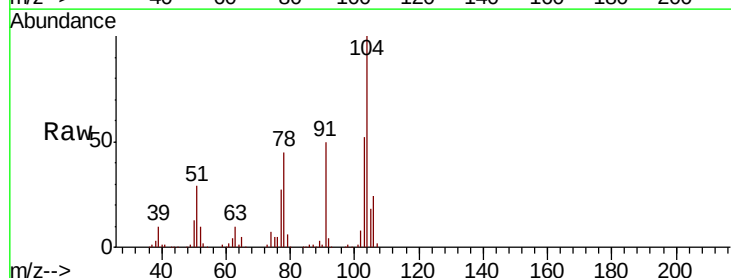
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

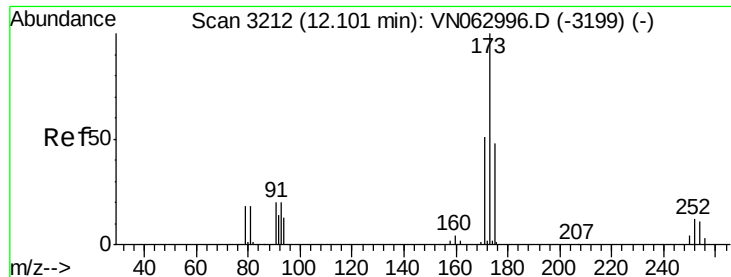
Tot Ion:106 Resp: 162639
Ion Ratio Lower Upper
106 100
91 216.1 107.3 321.9



#70
Styrene
Concen: 49.176 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN063024.D
Acq: 19 Aug 2020 19:59

Tgt Ion:104 Resp: 294678
Ion Ratio Lower Upper
104 100
78 49.5 39.0 58.6
103 55.4 44.3 66.5





#71

Bromoform

Concen: 51.986 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. 0.00 min

Lab File: VN063024.D

Acq: 19 Aug 2020 19:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

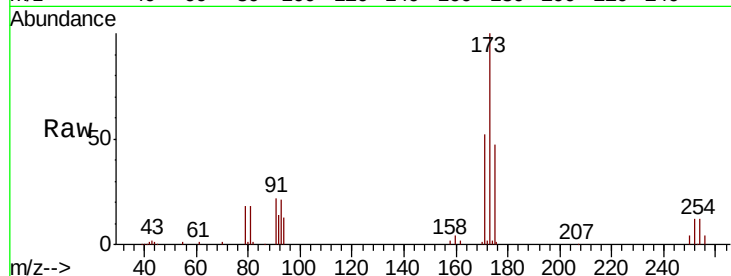
Tot Ion:173 Resp: 80643

Ion Ratio Lower Upper

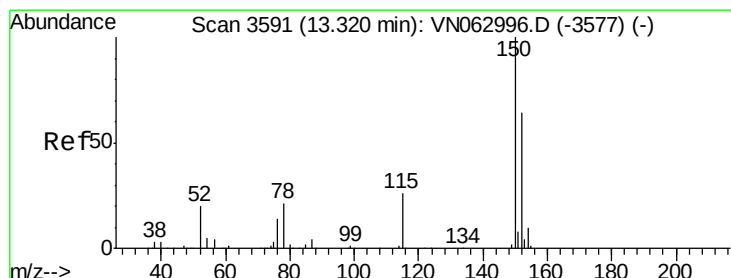
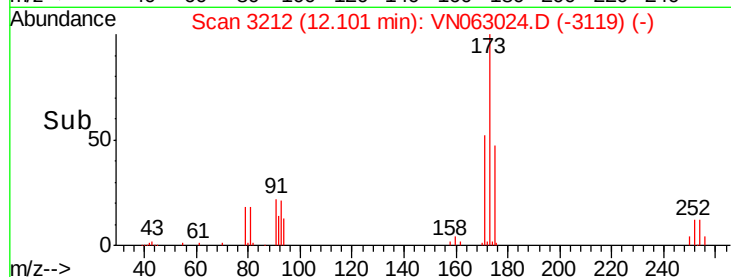
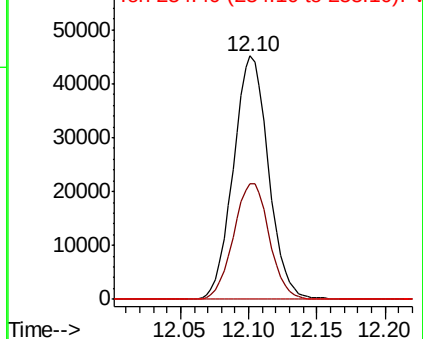
173 100

175 48.4 24.3 72.8

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN063024.D

Acq: 19 Aug 2020 19:59

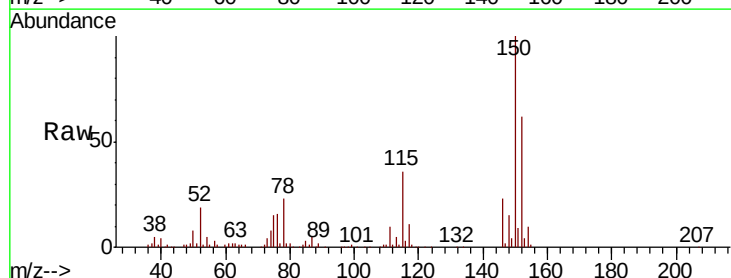
Tgt Ion:152 Resp: 127273

Ion Ratio Lower Upper

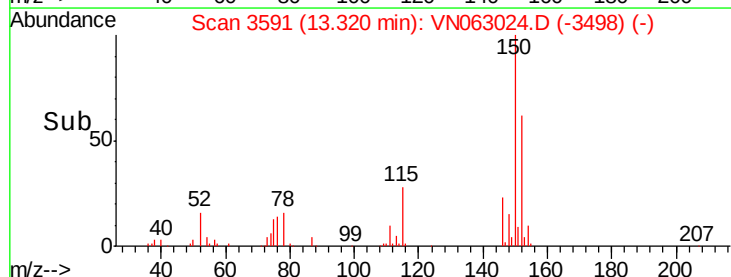
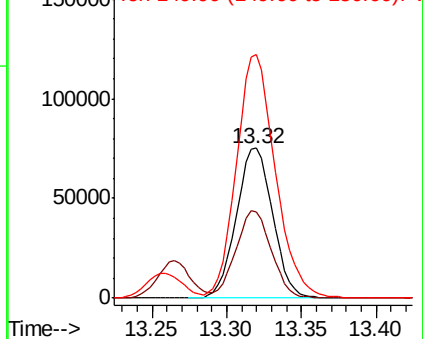
152 100

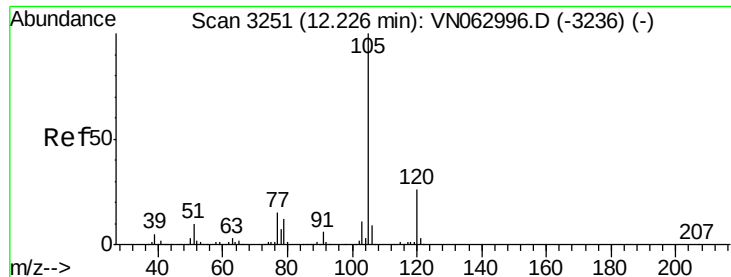
115 57.3 28.7 86.3

150 174.4 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: 51.670 ug/l

RT: 12.23 min Scan# 3251

Delta R.T. 0.00 min

Lab File: VN063024.D

Acq: 19 Aug 2020 19:59

Instrument :

MSVOA_N

ClientSampleId :

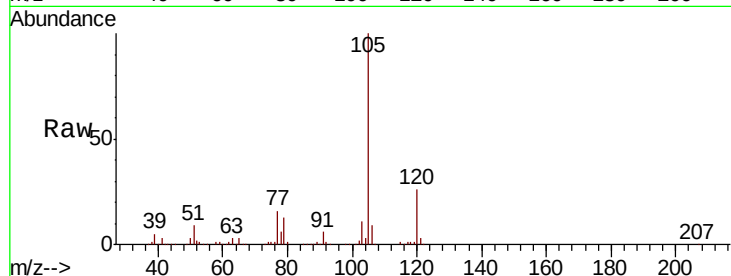
VSTDCCC050EC

Tot Ion:105 Resp: 450335

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

12.23

250000

200000

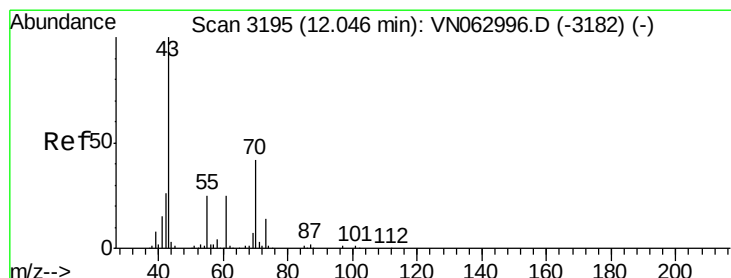
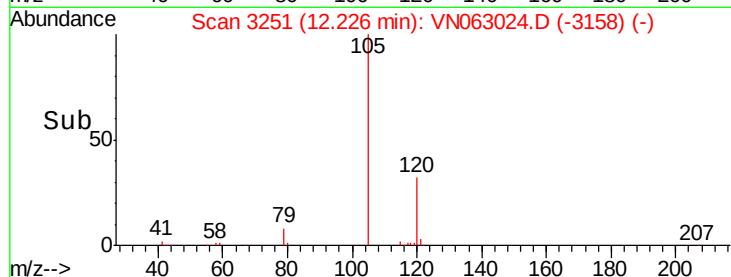
150000

100000

50000

0

Time--> 12.10 12.20 12.30



#74

N-ethyl acetate

Concen: 52.079 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN063024.D

Acq: 19 Aug 2020 19:59

Tgt Ion: 43 Resp: 162565

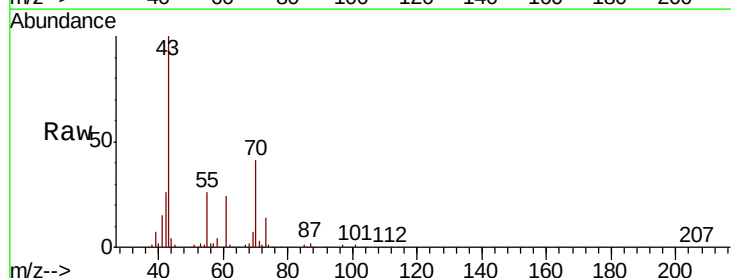
Ion Ratio Lower Upper

43 100

70 41.8 33.4 50.0

55 26.0 20.2 30.2

61 24.0 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

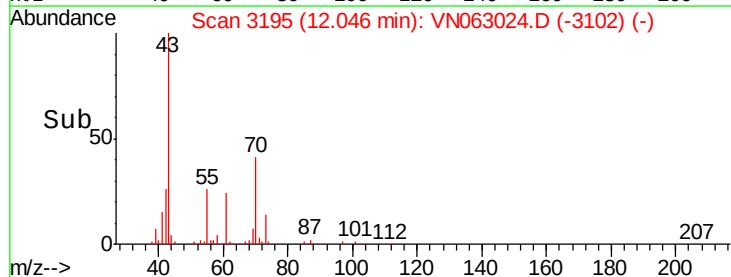
150000

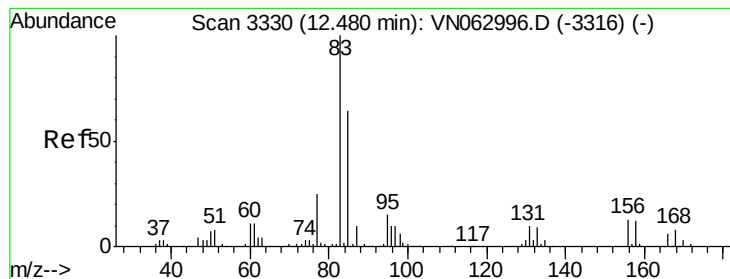
100000

50000

0

Time--> 12.00 12.10





#75

1,1,2,2-Tetrachloroethane

Concen: 50.398 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN063024.D

Acq: 19 Aug 2020 19:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

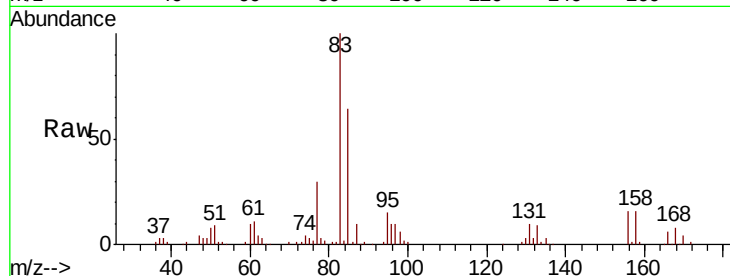
Tot Ion: 83 Resp: 141706

Ion Ratio Lower Upper

83 100

131 10.0 4.9 14.7

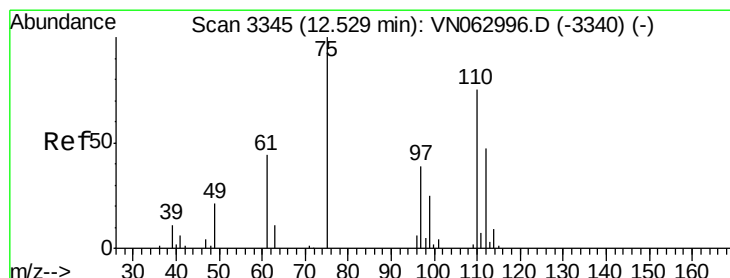
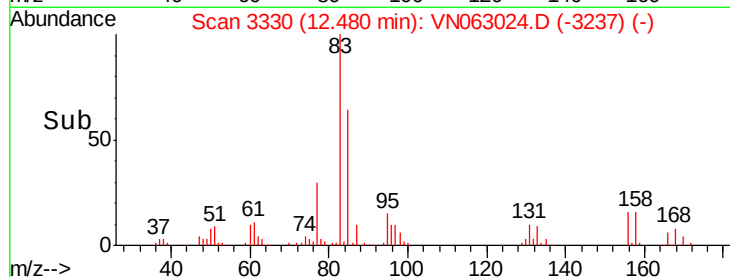
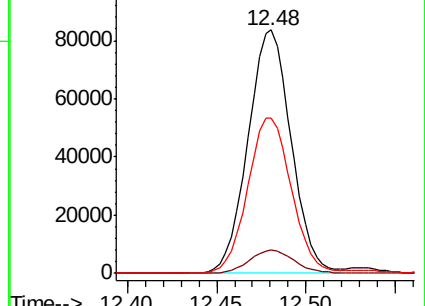
85 64.4 31.9 95.5



Abundance Ion 82.90 (82.60 to 83.60): VN063024.D (-3237) (-)

Ion 130.80 (130.50 to 131.50): VN063024.D (-3237) (-)

Ion 84.90 (84.60 to 85.60): VN063024.D (-3237) (-)



#76

1,2,3-Trichloropropane

Concen: 70.082 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN063024.D

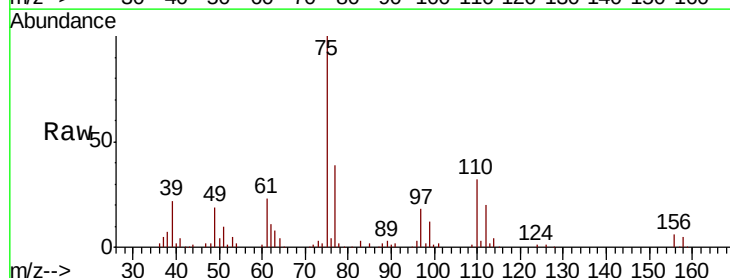
Acq: 19 Aug 2020 19:59

Tgt Ion: 75 Resp: 173376

Ion Ratio Lower Upper

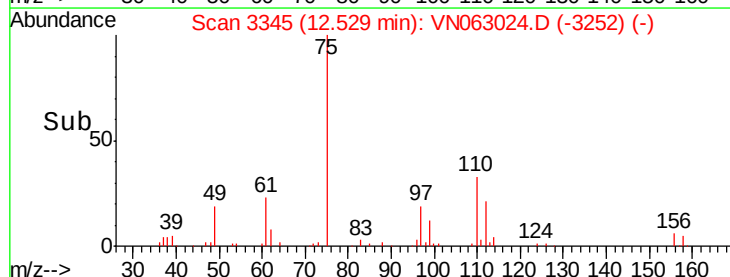
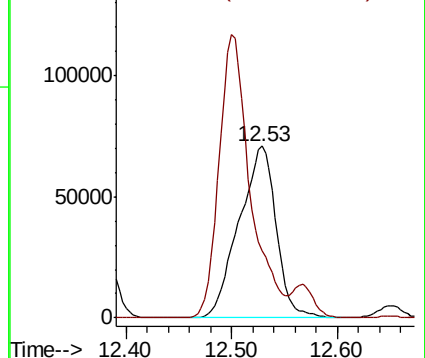
75 100

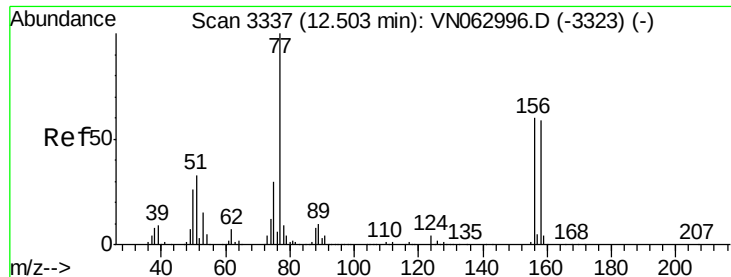
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN063024.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN063024.D (-3252) (-)





#77

Bromobenzene

Concen: 49.251 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN063024.D

Acq: 19 Aug 2020 19:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

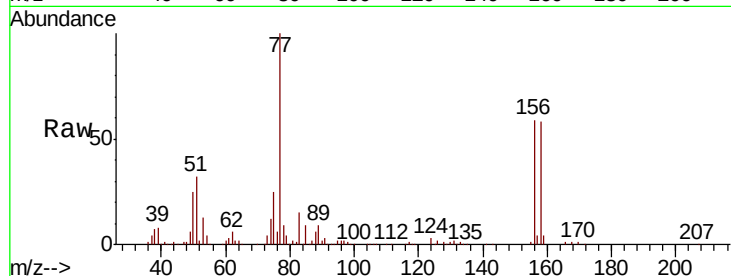
Tot Ion:156 Resp: 118058

Ion Ratio Lower Upper

156 100

77 202.9 101.0 302.9

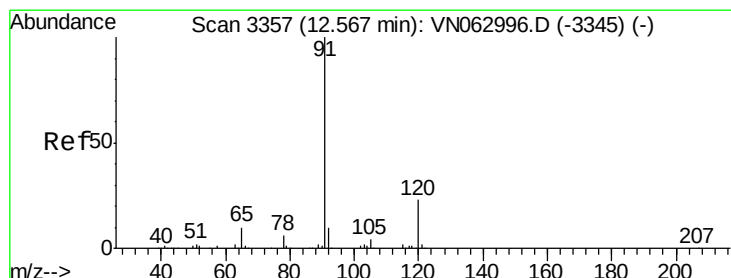
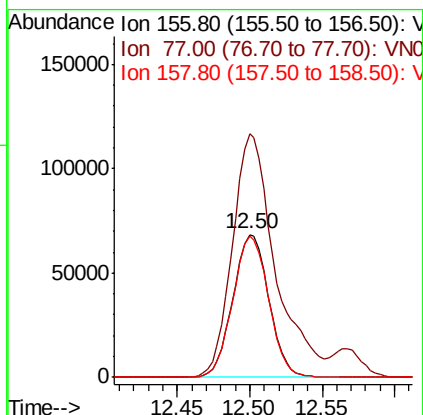
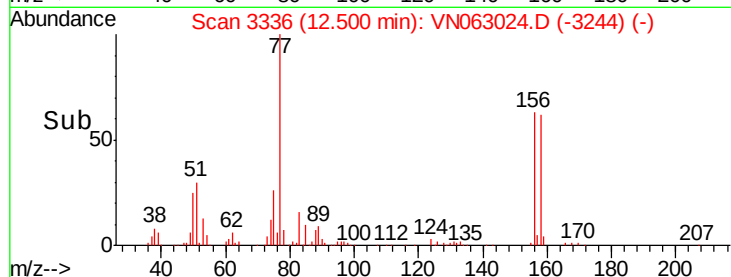
158 98.5 49.4 148.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.431 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN063024.D

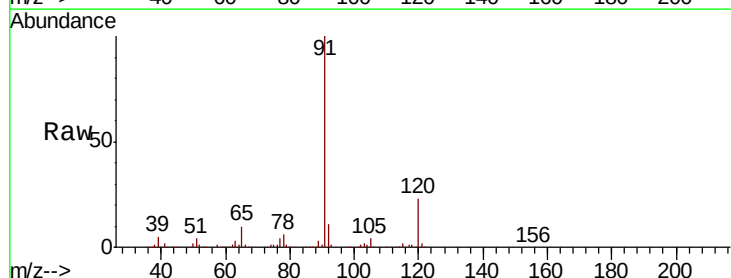
Acq: 19 Aug 2020 19:59

Tgt Ion: 91 Resp: 530805

Ion Ratio Lower Upper

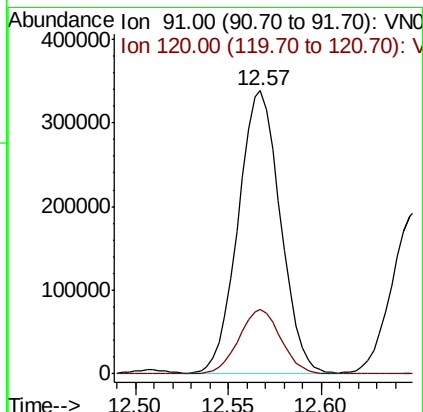
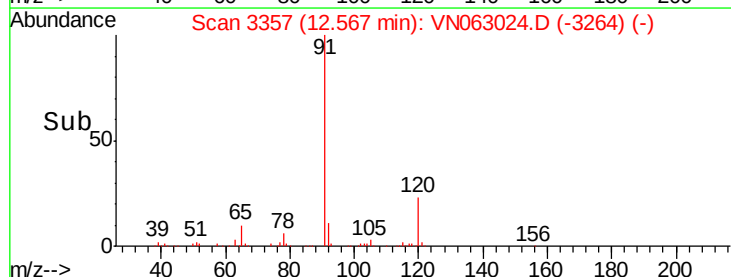
91 100

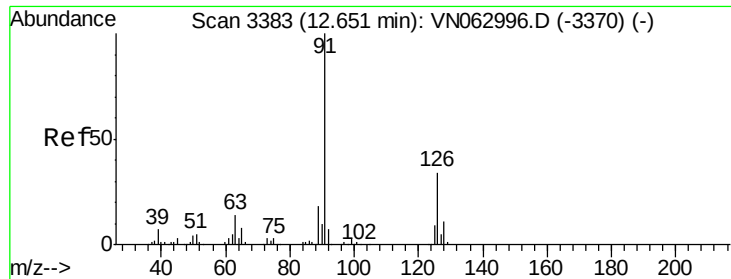
120 22.7 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.580 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. 0.00 min

Lab File: VN063024.D

Acq: 19 Aug 2020 19:59

Instrument :

MSVOA_N

ClientSampleId :

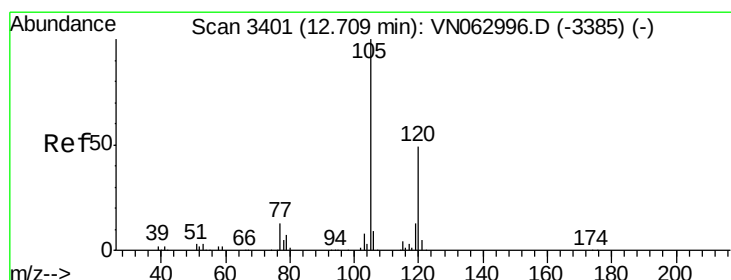
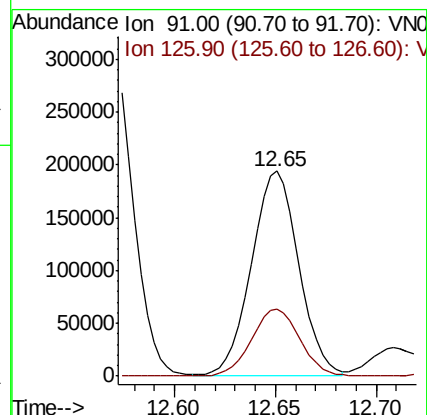
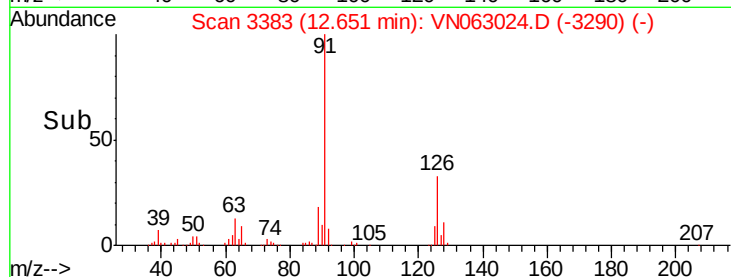
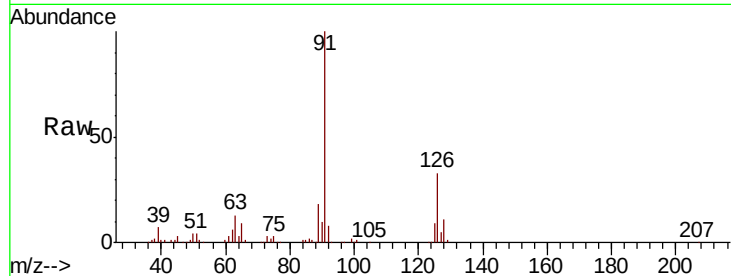
VSTDCCC050EC

Tot Ion: 91 Resp: 316054

Ion Ratio Lower Upper

91 100

126 33.8 17.1 51.2



#80

1,3,5-Trimethylbenzene

Concen: 54.188 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN063024.D

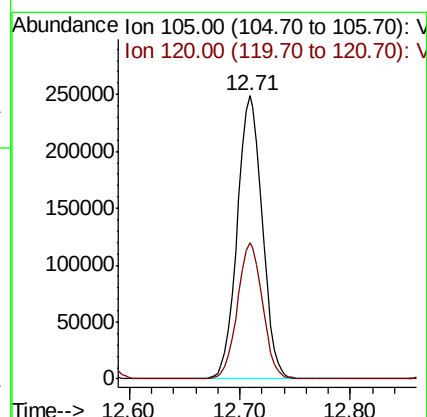
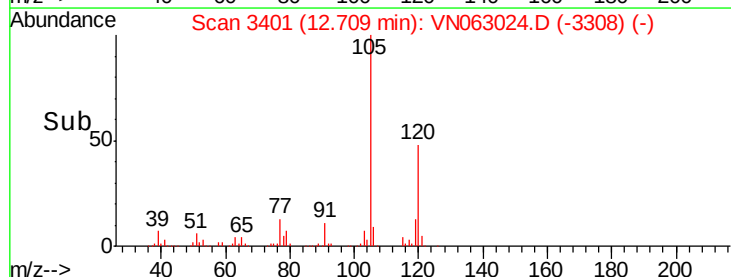
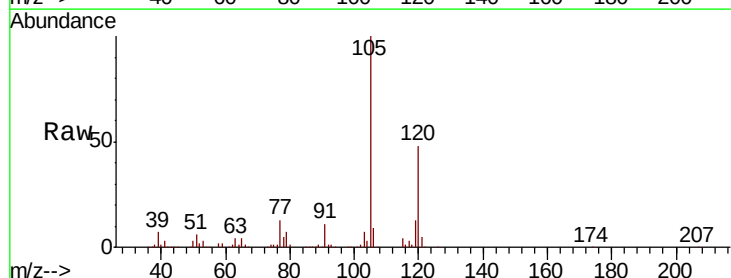
Acq: 19 Aug 2020 19:59

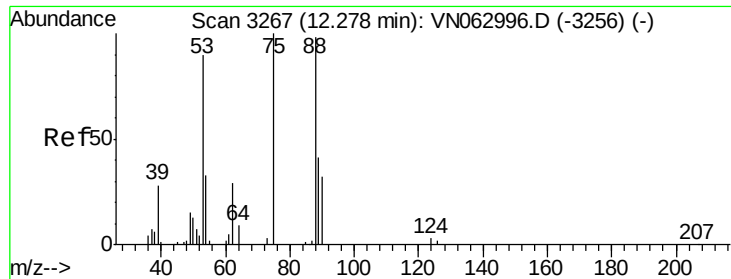
Tgt Ion: 105 Resp: 390418

Ion Ratio Lower Upper

105 100

120 48.4 24.3 72.8

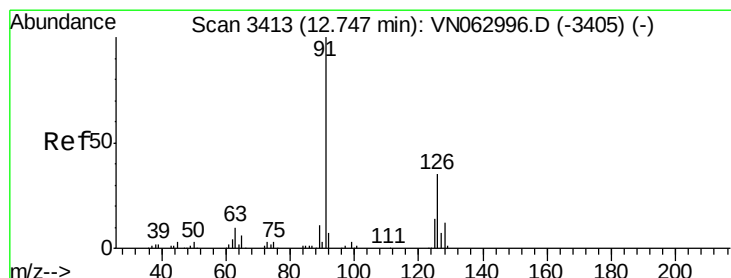
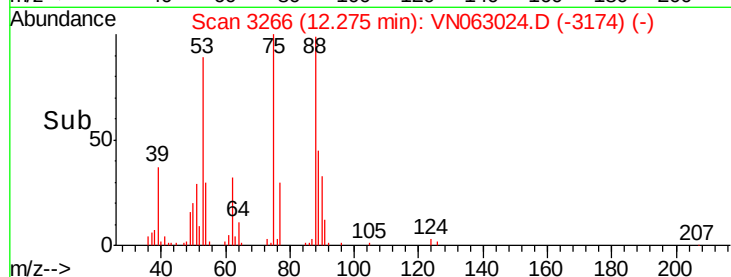
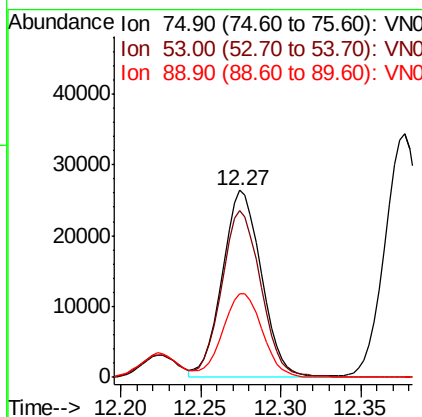
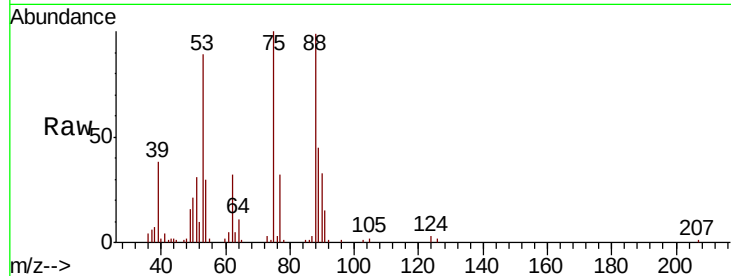




#81
trans-1,4-Dichloro-2-butene
Concen: 49.215 ug/l
RT: 12.27 min Scan# 3266
Delta R.T. -0.00 min
Lab File: VN063024.D
Acq: 19 Aug 2020 19:59

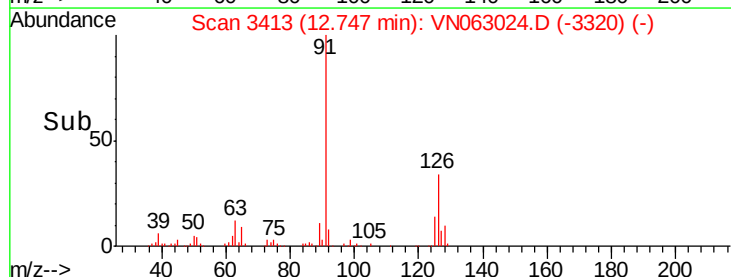
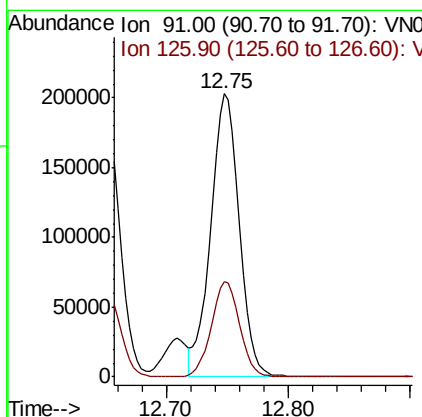
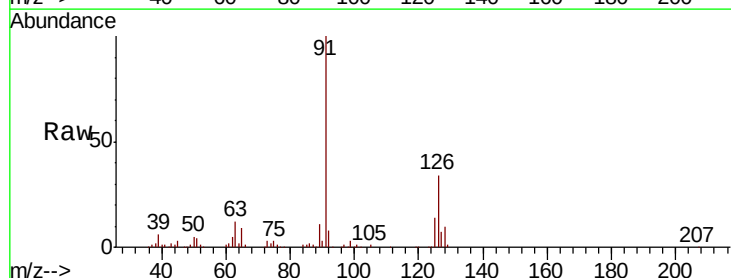
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

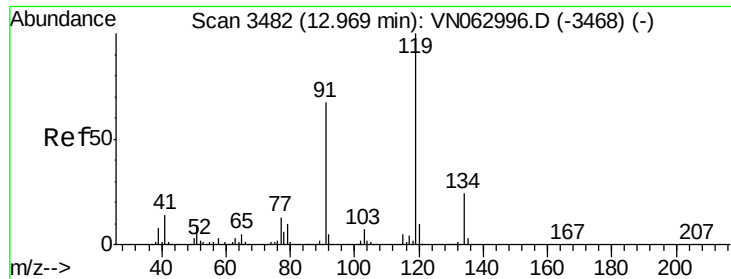
Tot Ion: 75 Resp: 44331
Ion Ratio Lower Upper
75 100
53 88.8 69.2 103.8
89 44.9 34.2 51.4



#82
4-Chlorotoluene
Concen: 52.131 ug/l
RT: 12.75 min Scan# 3413
Delta R.T. 0.00 min
Lab File: VN063024.D
Acq: 19 Aug 2020 19:59

Tgt Ion: 91 Resp: 331693
Ion Ratio Lower Upper
91 100
126 33.6 16.5 49.5

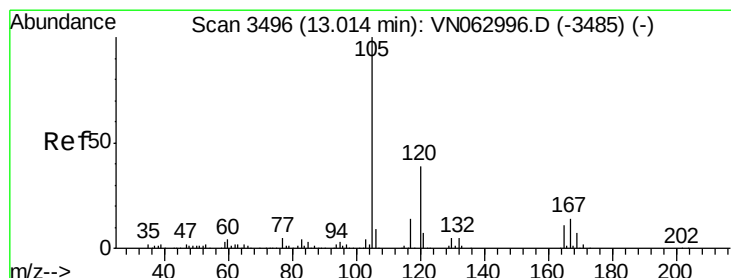
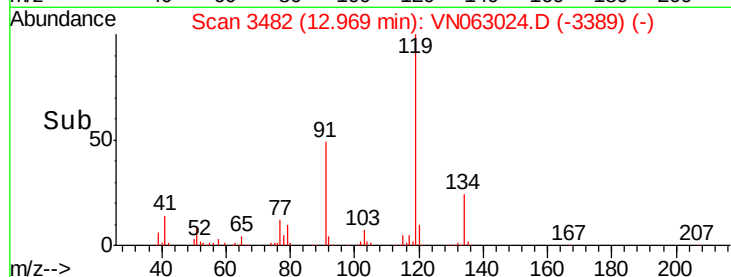
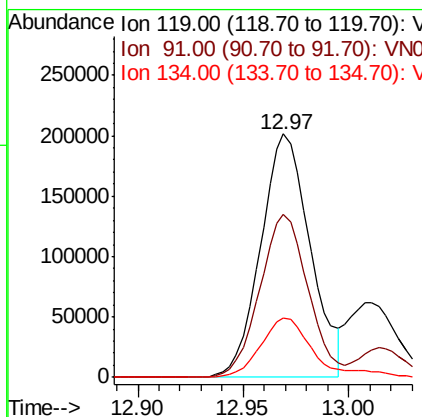
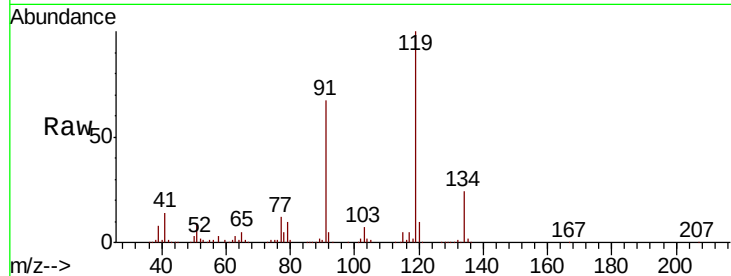




#83
 tert-Butylbenzene
 Concen: 53.082 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. 0.00 min
 Lab File: VN063024.D
 Acq: 19 Aug 2020 19:59

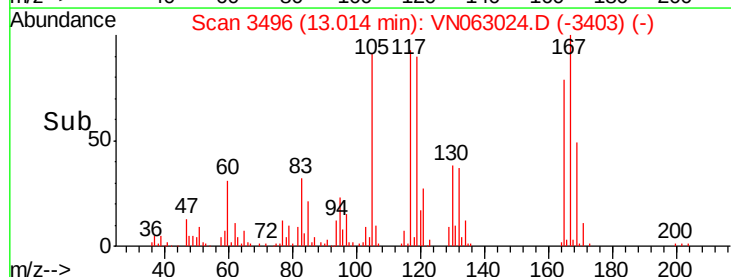
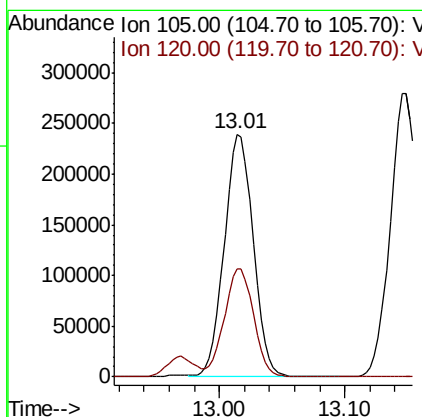
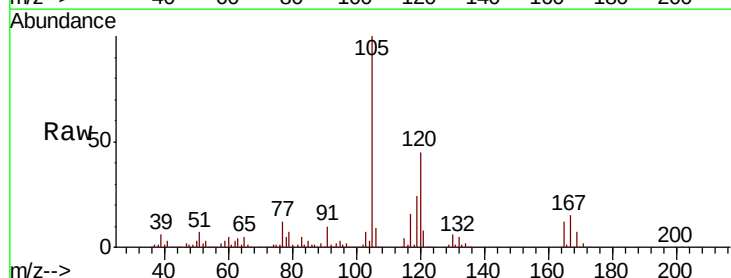
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

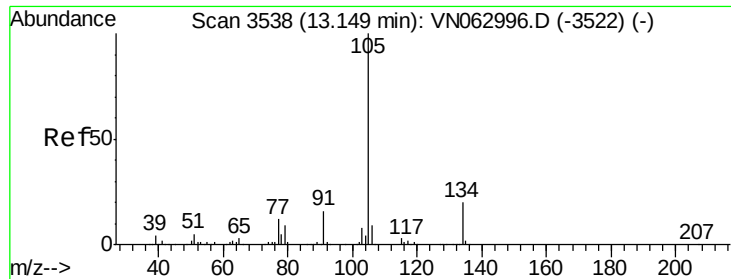
Tot Ion:119 Resp: 330090
 Ion Ratio Lower Upper
 119 100
 91 65.0 32.5 97.4
 134 26.1 13.1 39.3



#84
 1,2,4-Trimethylbenzene
 Concen: 54.397 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: VN063024.D
 Acq: 19 Aug 2020 19:59

Tgt Ion:105 Resp: 381815
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.5 67.5





#85

sec-Butylbenzene

Concen: 52.923 ug/l

RT: 13.15 min Scan# 3538

Delta R.T. 0.00 min

Lab File: VN063024.D

Acq: 19 Aug 2020 19:59

Instrument :

MSVOA_N

ClientSampleId :

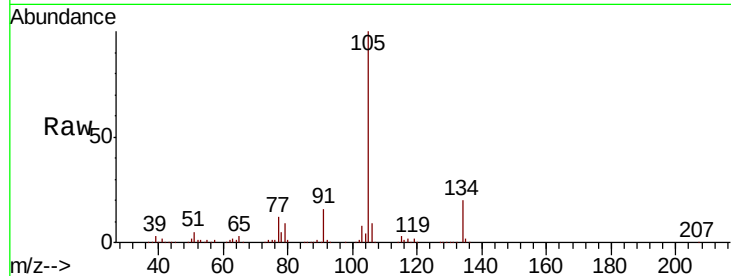
VSTDCCC050EC

Tot Ion:105 Resp: 444777

Ion Ratio Lower Upper

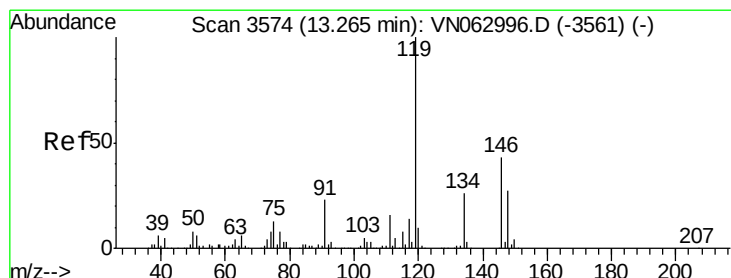
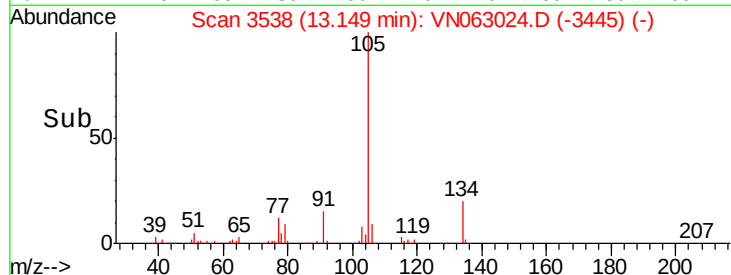
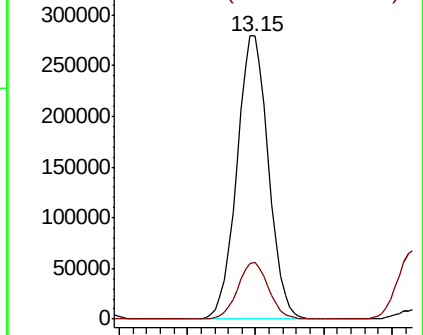
105 100

134 19.8 9.8 29.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.646 ug/l

RT: 13.27 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN063024.D

Acq: 19 Aug 2020 19:59

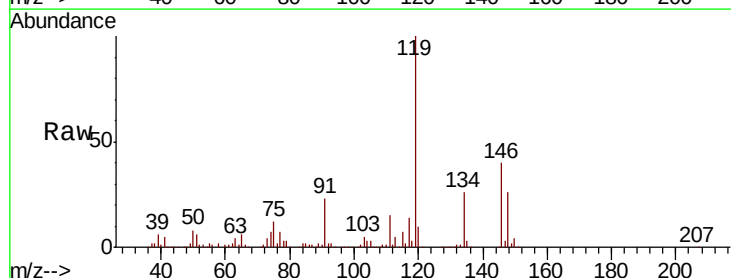
Tgt Ion:119 Resp: 392840

Ion Ratio Lower Upper

119 100

134 26.5 13.1 39.3

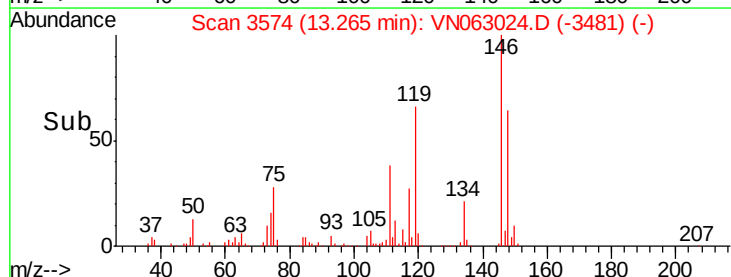
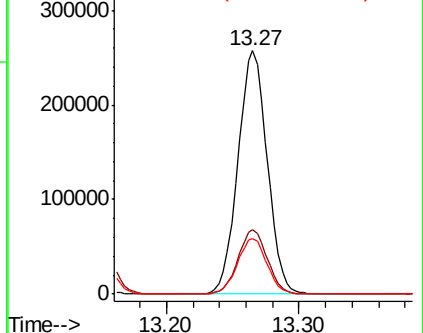
91 23.0 11.5 34.4

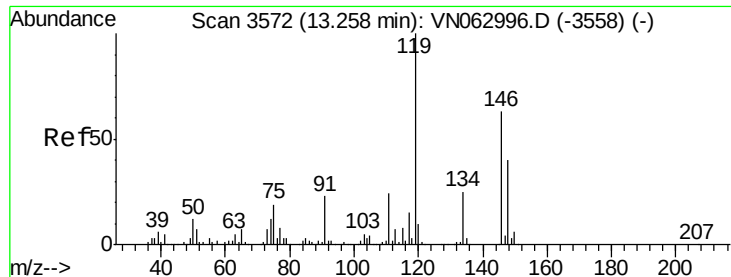


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

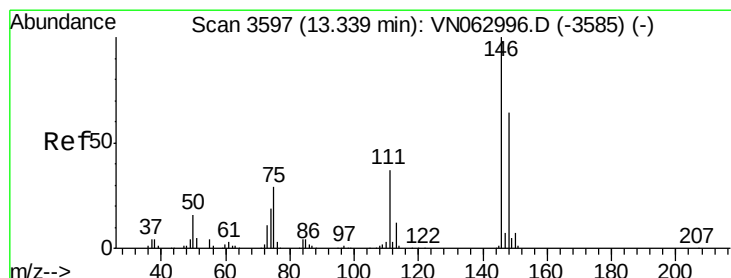
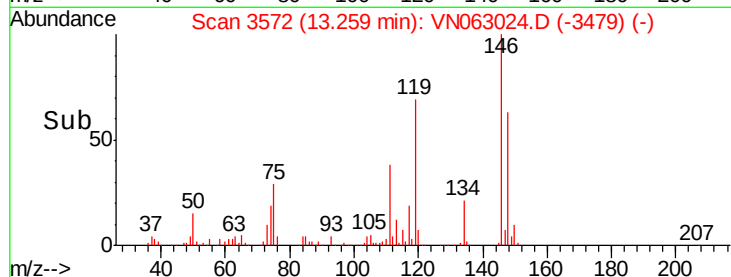
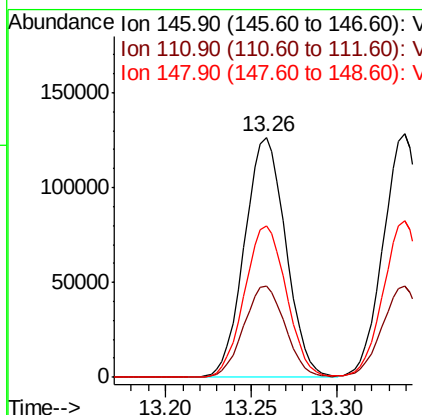
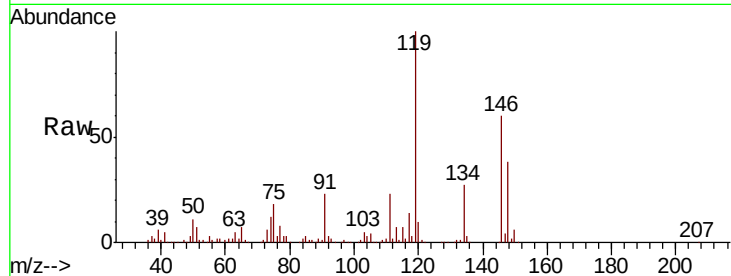




#87
 1,3-Dichlorobenzene
 Concen: 51.191 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN063024.D
 Acq: 19 Aug 2020 19:59

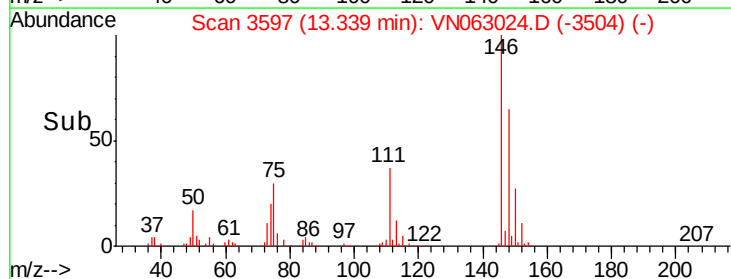
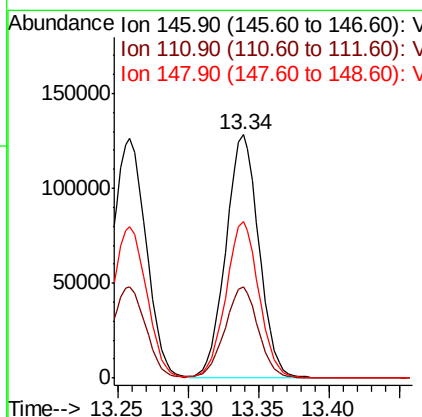
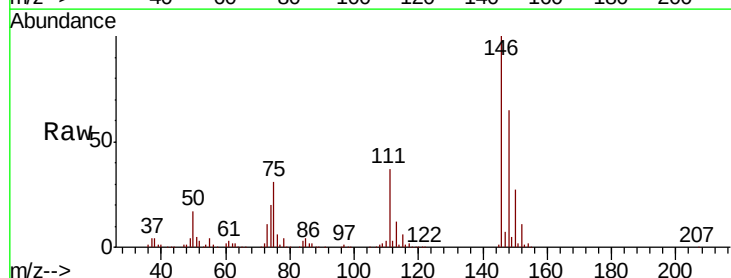
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

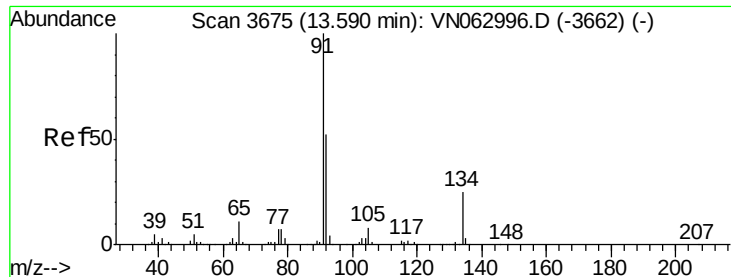
Tot Ion:146 Resp: 210883
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.4 58.1
 148 63.9 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 50.161 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN063024.D
 Acq: 19 Aug 2020 19:59

Tgt Ion:146 Resp: 209736
 Ion Ratio Lower Upper
 146 100
 111 37.6 18.8 56.4
 148 64.7 32.4 97.0

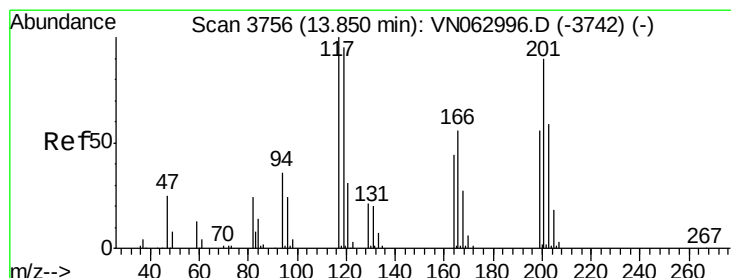
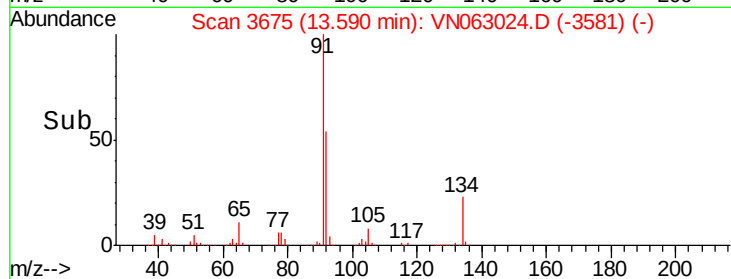
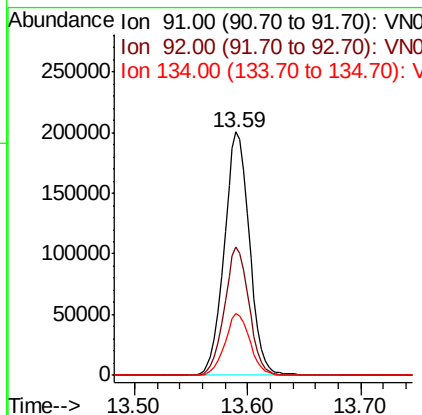
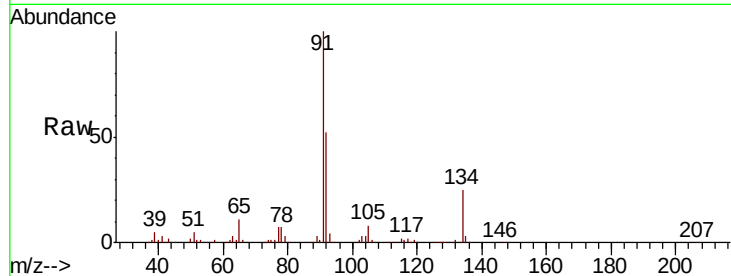




#89
n-Butylbenzene
Concen: 44.990 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN063024.D
Acq: 19 Aug 2020 19:59

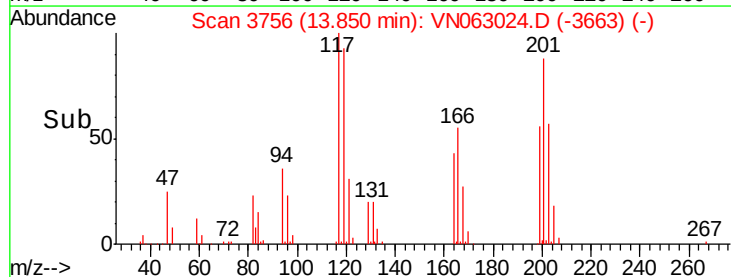
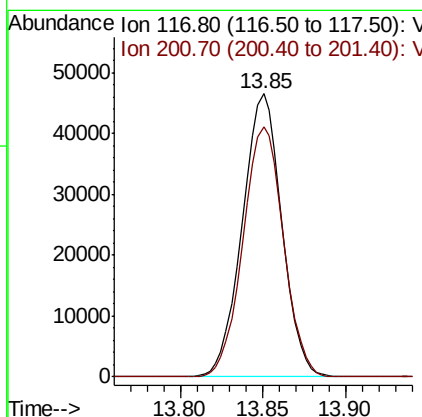
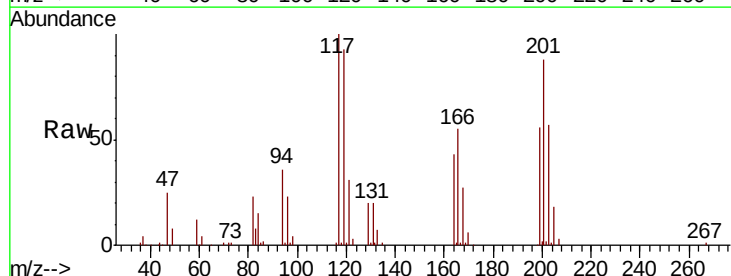
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

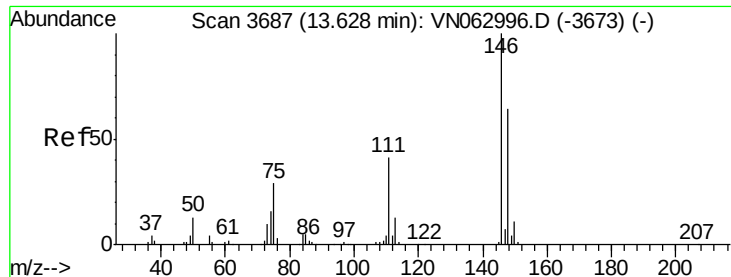
Tot Ion: 91 Resp: 310211
Ion Ratio Lower Upper
91 100
92 51.5 25.9 77.6
134 25.1 12.4 37.0



#90
Hexachloroethane
Concen: 49.664 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. 0.00 min
Lab File: VN063024.D
Acq: 19 Aug 2020 19:59

Tgt Ion: 117 Resp: 77300
Ion Ratio Lower Upper
117 100
201 90.5 44.1 132.4

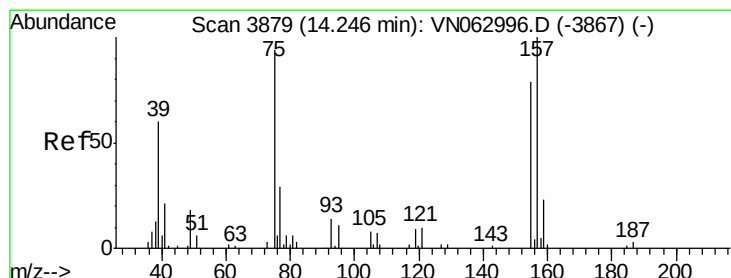
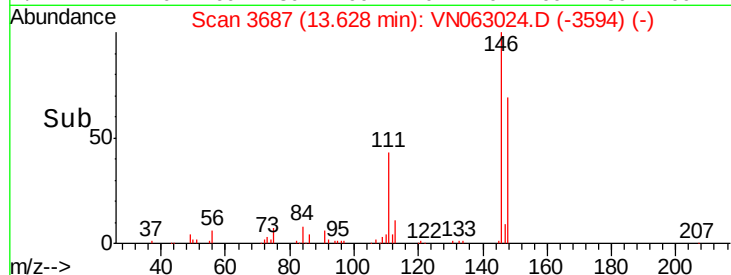
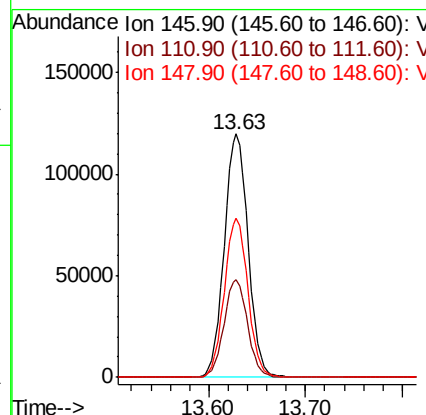
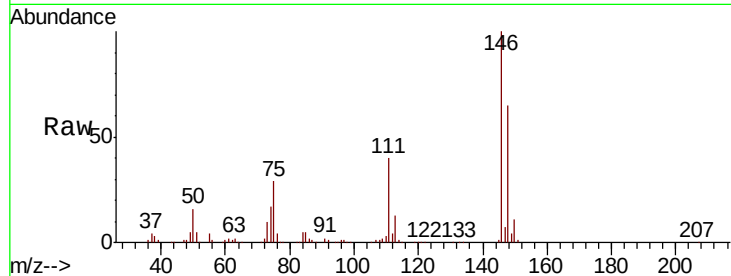




#91
 1,2-Dichlorobenzene
 Concen: 51.470 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN063024.D
 Acq: 19 Aug 2020 19:59

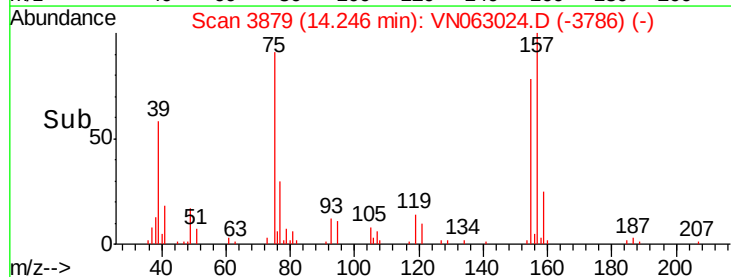
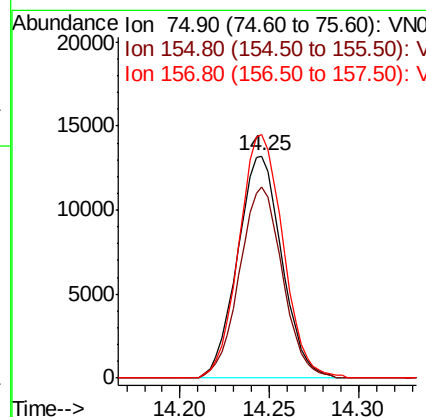
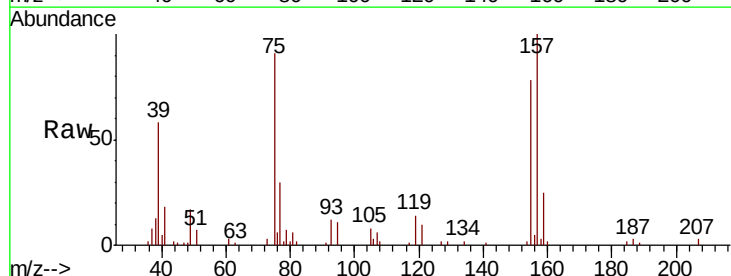
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

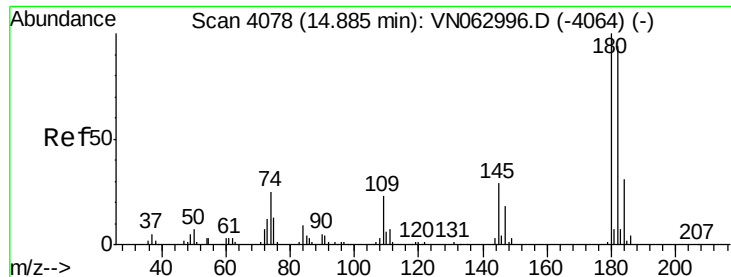
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	20.2	60.5
148	64.7	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.071 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN063024.D
 Acq: 19 Aug 2020 19:59

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.5	42.4	127.1
157	108.8	55.2	165.6

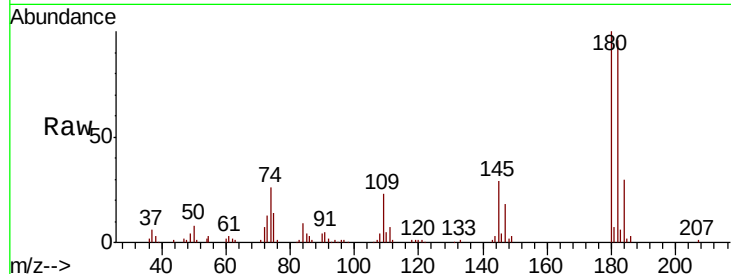




#93
 1,2,4-Trichlorobenzene
 Concen: 43.772 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN063024.D
 Acq: 19 Aug 2020 19:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.0	141.2
145	28.3	14.1	42.4

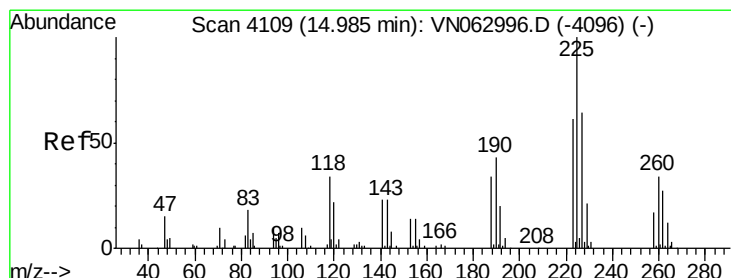
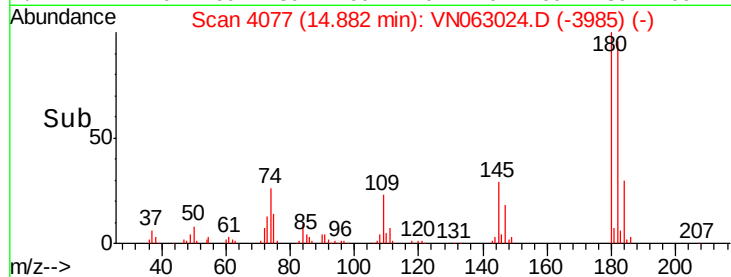
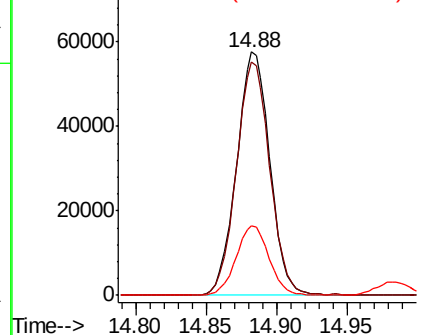


Abundance

Ion 179.80 (179.50 to 180.50): V

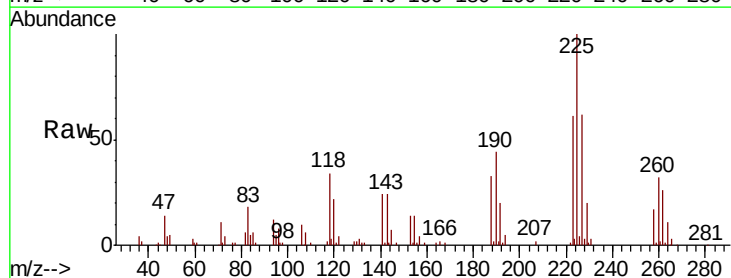
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 48.308 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN063024.D
 Acq: 19 Aug 2020 19:59

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.1	30.9	92.5
227	63.1	31.9	95.9

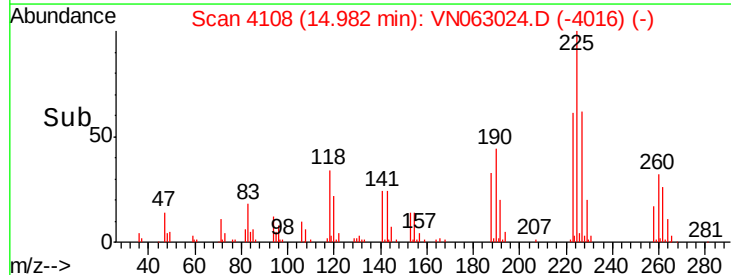
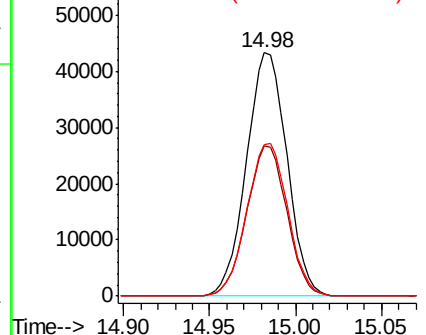


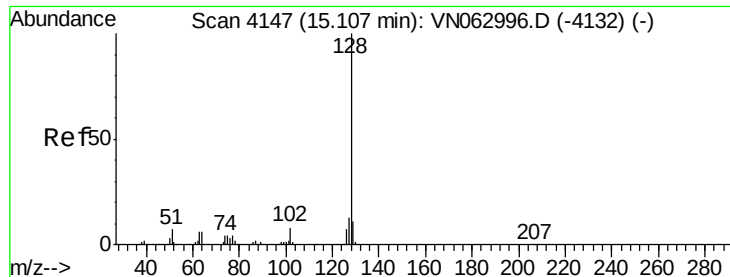
Abundance

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

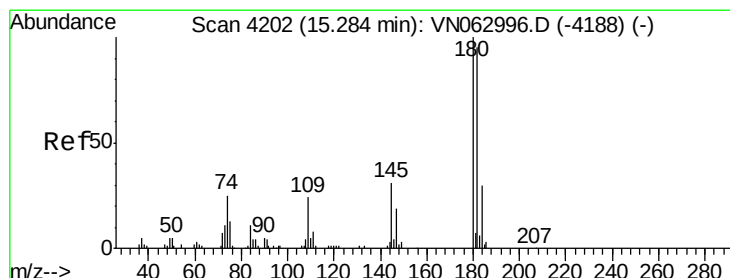
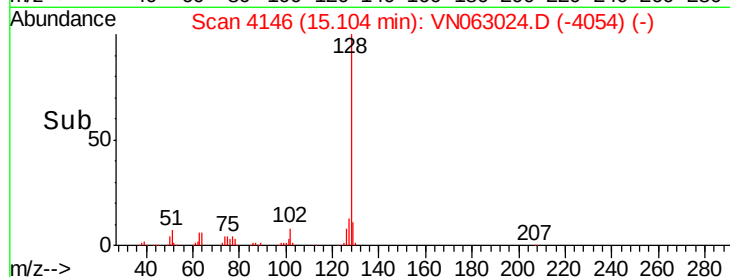
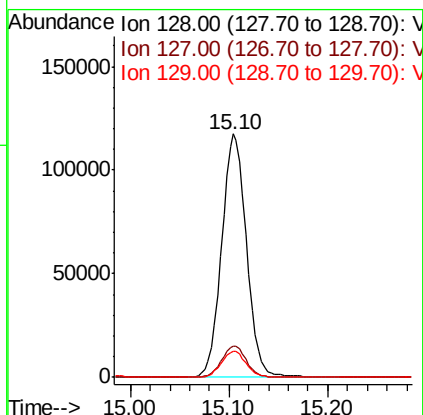
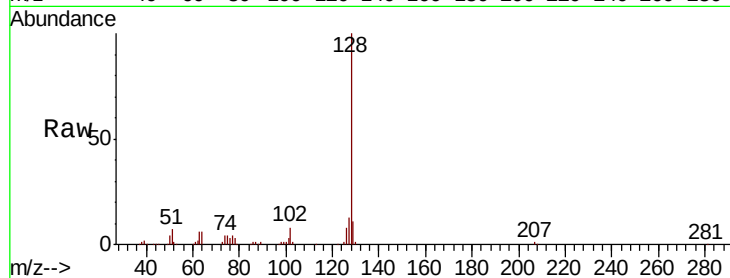




#95
Naphthalene
Concen: 41.983 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN063024.D
Acq: 19 Aug 2020 19:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 208017
Ion Ratio Lower Upper
128 100
127 12.7 10.6 16.0
129 10.7 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 44.338 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN063024.D
Acq: 19 Aug 2020 19:59

Tgt Ion:180 Resp: 94819
Ion Ratio Lower Upper
180 100
182 96.0 47.3 141.9
145 29.8 15.6 46.7

