

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092220\
 Data File : VN063578.D
 Acq On : 23 Sep 2020 10:28
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 23 11:11:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	239206	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	430218	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	403944	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	193477	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	205686	50.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.02%	
35) Dibromofluoromethane	7.55	113	143579	48.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.42%	
50) Toluene-d8	10.06	98	544554	48.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.26%	
62) 4-Bromofluorobenzene	12.38	95	205903	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.83	85	125750	46.402	ug/l 95
3) Chloromethane	2.04	50	154436	43.078	ug/l 99
4) Vinyl Chloride	2.17	62	154741	48.718	ug/l 99
5) Bromomethane	2.53	94	91869	48.714	ug/l 98
6) Chloroethane	2.67	64	93687	48.051	ug/l 97
7) Trichlorofluoromethane	2.99	101	244840	51.666	ug/l 99
8) Diethyl Ether	3.38	74	85755	46.420	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	126620	47.511	ug/l 98
10) Methyl Iodide	3.91	142	167860	48.378	ug/l 98
11) Tert butyl alcohol	4.73	59	118141	209.431	ug/l 99
12) 1,1-Dichloroethene	3.70	96	128016	47.424	ug/l 97
13) Acrolein	3.57	56	68243	326.445	ug/l 100
14) Allyl chloride	4.28	41	231953	43.441	ug/l 97
15) Acrylonitrile	4.93	53	348012	242.535	ug/l 99
16) Acetone	3.77	43	316932	242.183	ug/l 99
17) Carbon Disulfide	4.01	76	340722	43.393	ug/l 100
18) Methyl Acetate	4.28	43	169221	50.937	ug/l 98
19) Methyl tert-butyl Ether	4.99	73	477013	47.413	ug/l 100
20) Methylene Chloride	4.51	84	157119	47.388	ug/l 97
21) trans-1,2-Dichloroethene	4.99	96	140968	47.135	ug/l 93
22) Diisopropyl ether	5.90	45	522742	48.003	ug/l 99
23) Vinyl Acetate	5.84	43	2141389	239.437	ug/l 99
24) 1,1-Dichloroethane	5.80	63	286694	48.222	ug/l 99
25) 2-Butanone	6.78	43	481550	239.259	ug/l 97
26) 2,2-Dichloropropane	6.78	77	156366	29.872	ug/l 96
27) cis-1,2-Dichloroethene	6.78	96	166305	49.128	ug/l 96
28) Bromochloromethane	7.15	49	134093	48.848	ug/l 97
29) Tetrahydrofuran	7.16	42	322871	234.882	ug/l 99
30) Chloroform	7.33	83	300026	50.299	ug/l 97
31) Cyclohexane	7.62	56	236288	42.016	ug/l 99
32) 1,1,1-Trichloroethane	7.53	97	262211	49.424	ug/l 99
36) 1,1-Dichloropropene	7.75	75	211186	46.077	ug/l 99
37) Ethyl Acetate	6.88	43	209042	46.471	ug/l 99
38) Carbon Tetrachloride	7.74	117	223166	47.698	ug/l 94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	206651	41.543	ug/l	98
40) Benzene	8.00	78	616131	47.091	ug/l	98
41) Methacrylonitrile	7.12	41	92003	45.474	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	255759	48.608	ug/l	99
43) Isopropyl Acetate	8.13	43	365785	45.476	ug/l	99
44) Trichloroethene	8.80	130	151549	47.756	ug/l	99
45) 1,2-Dichloropropane	9.08	63	171507	48.129	ug/l	100
46) Dibromomethane	9.17	93	116033	49.542	ug/l	99
47) Bromodichloromethane	9.37	83	242654	49.870	ug/l	98
48) Methyl methacrylate	9.17	41	181031	45.809	ug/l	95
49) 1,4-Dioxane	9.17	88	49063	865.133	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	1087587	241.522	ug/l	99
52) Toluene	10.13	92	388913	49.440	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	238798	43.961	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	259910	45.362	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	155730	49.840	ug/l	97
56) Ethyl methacrylate	10.40	69	233592	47.888	ug/l	98
57) 1,3-Dichloropropane	10.68	76	269389	47.809	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	606113	236.872	ug/l	99
59) 2-Hexanone	10.72	43	796779	244.235	ug/l	99
60) Dibromochloromethane	10.87	129	173621	49.185	ug/l	99
61) 1,2-Dibromoethane	10.98	107	163651	50.413	ug/l	99
64) Tetrachloroethene	10.60	164	140391	51.041	ug/l	98
65) Chlorobenzene	11.41	112	406227	47.376	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	156142	49.677	ug/l	99
67) Ethyl Benzene	11.49	91	765691	47.418	ug/l	98
68) m/p-Xylenes	11.59	106	560289	96.236	ug/l	99
69) o-Xylene	11.92	106	269612	48.613	ug/l	100
70) Styrene	11.94	104	463338	49.818	ug/l	99
71) Bromoform	12.10	173	116179	49.616	ug/l #	100
73) Isopropylbenzene	12.23	105	733114	47.285	ug/l	99
74) N-amyl acetate	12.05	43	339204	46.218	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	224227	46.708	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	294696	61.538	ug/l #	100
77) Bromobenzene	12.50	156	170476	48.881	ug/l	96
78) n-propylbenzene	12.57	91	841873	46.621	ug/l	100
79) 2-Chlorotoluene	12.65	91	512636	47.357	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	617159	47.736	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	65027	37.228	ug/l	96
82) 4-Chlorotoluene	12.75	91	535278	46.801	ug/l	100
83) tert-Butylbenzene	12.97	119	497119	46.589	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	622446	47.665	ug/l	99
85) sec-Butylbenzene	13.15	105	655820	45.916	ug/l	99
86) p-Isopropyltoluene	13.26	119	580533	46.082	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	312682	48.372	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	310961	47.316	ug/l	100
89) n-Butylbenzene	13.59	91	513175	44.194	ug/l	98
90) Hexachloroethane	13.85	117	110717	46.155	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	312123	49.182	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	51029	44.639	ug/l	98

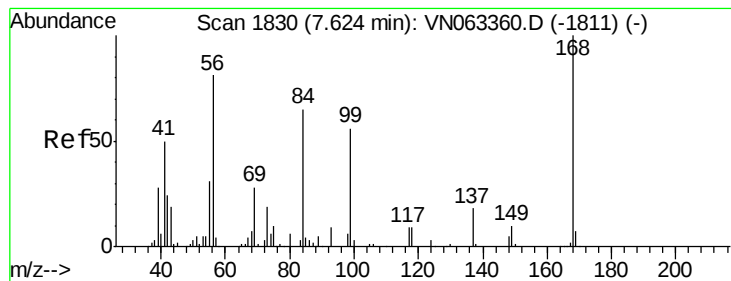
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	163899	43.807	ug/l	98
94) Hexachlorobutadiene	14.98	225	74918	48.369	ug/l	98
95) Naphthalene	15.10	128	549574	44.461	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	162044	44.826	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063578.D

Acq: 23 Sep 2020 10:28

Instrument :

MSVOA_N

ClientSampleId :

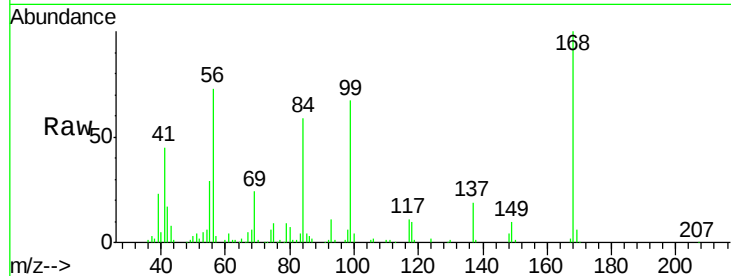
VSTDCCC050EC

Tgt Ion:168 Resp: 239206

Ion Ratio Lower Upper

168 100

99 66.0 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

100000

80000

60000

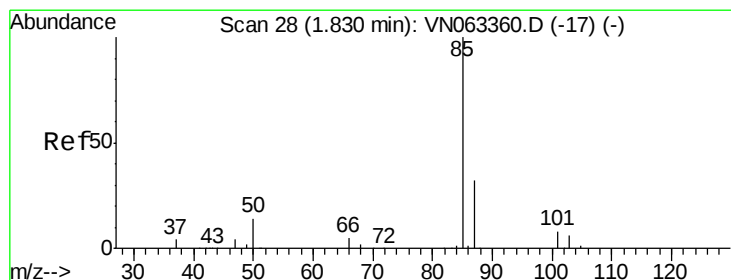
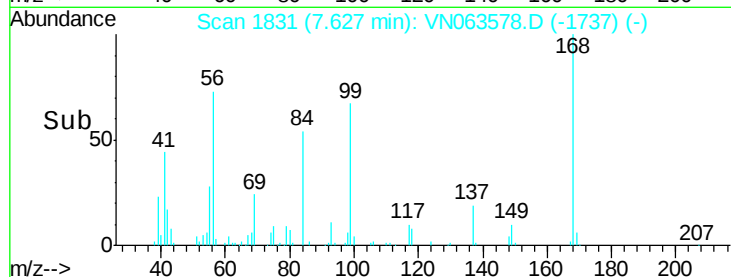
40000

20000

0

7.55 7.60 7.65 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 46.402 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063578.D

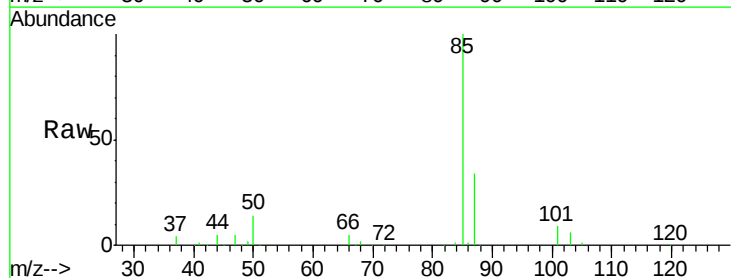
Acq: 23 Sep 2020 10:28

Tgt Ion: 85 Resp: 125750

Ion Ratio Lower Upper

85 100

87 34.3 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

100000

80000

60000

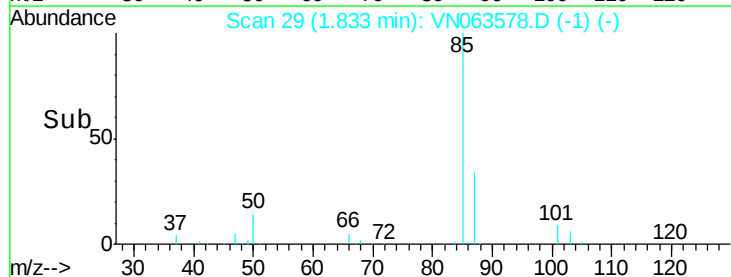
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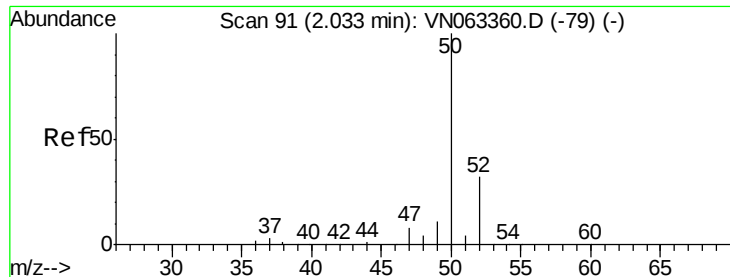
20000

0

1.75 1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 43.078 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.01 min

Lab File: VN063578.D

Acq: 23 Sep 2020 10:28

Instrument :

MSVOA_N

ClientSampleId :

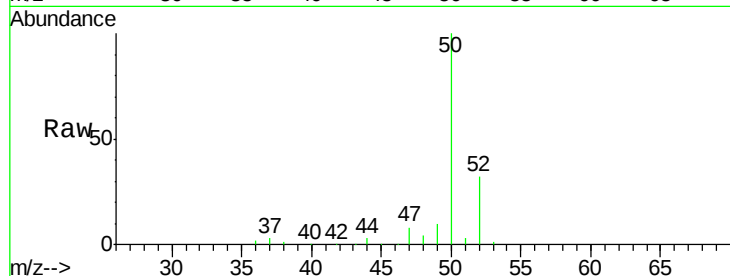
VSTDCCC050EC

Tgt Ion: 50 Resp: 154436

Ion Ratio Lower Upper

50 100

52 31.9 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN063360.D (-79) (-)

Ion 51.90 (51.60 to 52.60): VN063360.D (-79) (-)

2.04

120000

100000

80000

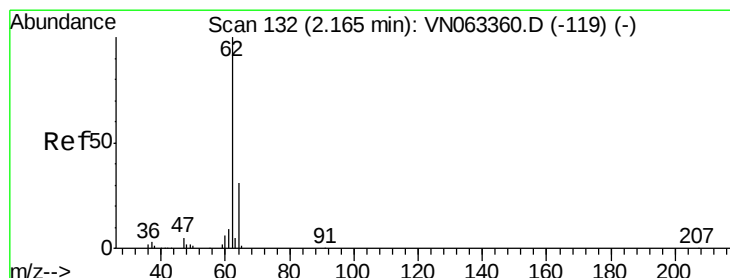
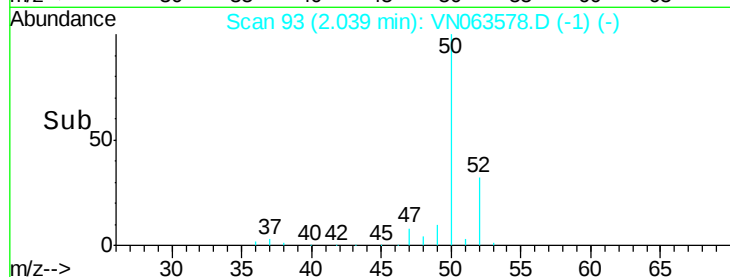
60000

40000

20000

0

Time--> 1.95 2.00 2.05 2.10



#4

Vinyl Chloride

Concen: 48.718 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN063578.D

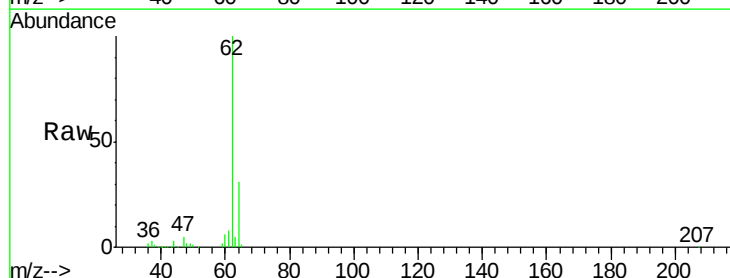
Acq: 23 Sep 2020 10:28

Tgt Ion: 62 Resp: 154741

Ion Ratio Lower Upper

62 100

64 30.9 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VN063360.D (-119) (-)

Ion 63.90 (63.60 to 64.60): VN063360.D (-119) (-)

2.17

120000

100000

80000

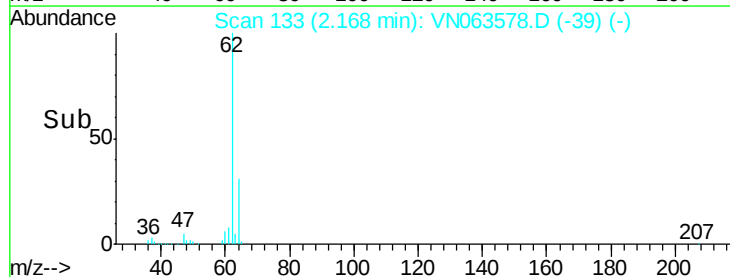
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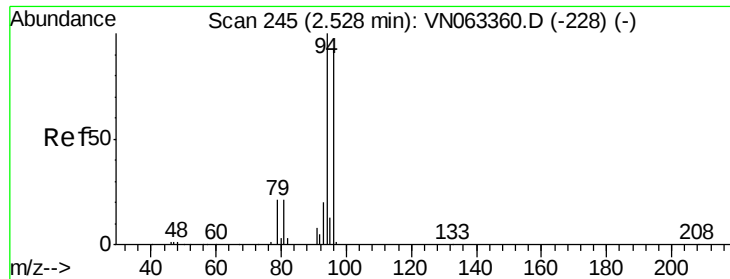
40000

20000

0

Time--> 2.10 2.15 2.20 2.25





#5

Bromomethane

Concen: 48.714 ug/l

RT: 2.53 min Scan# 245

Delta R.T. -0.00 min

Lab File: VN063578.D

Acq: 23 Sep 2020 10:28

Instrument :

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ClientSampleId :

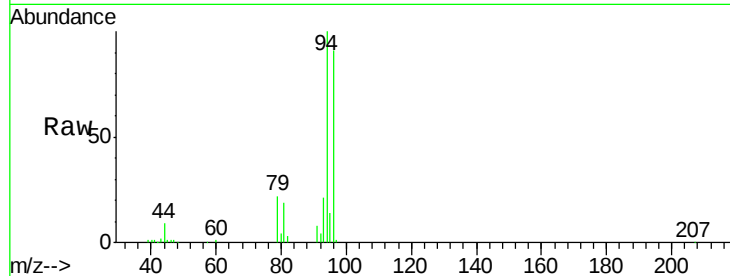
VSTDCCC050EC

Tgt Ion: 94 Resp: 91869

Ion Ratio Lower Upper

94 100

96 91.1 74.5 111.7

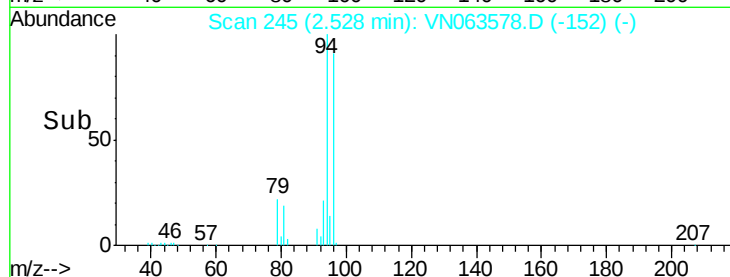


Abundance Ion 93.90 (93.60 to 94.60): VN063360.D (-228) (-)

Ion 95.90 (95.60 to 96.60): VN063360.D (-228) (-)

2.53

Time-->

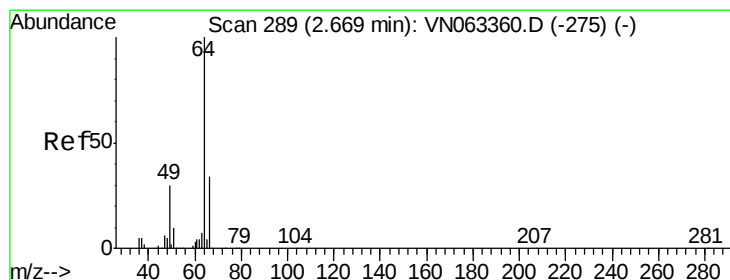


Abundance Ion 93.90 (93.60 to 94.60): VN063578.D (-152) (-)

Ion 95.90 (95.60 to 96.60): VN063578.D (-152) (-)

2.53

Time-->



#6

Chloroethane

Concen: 48.051 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN063578.D

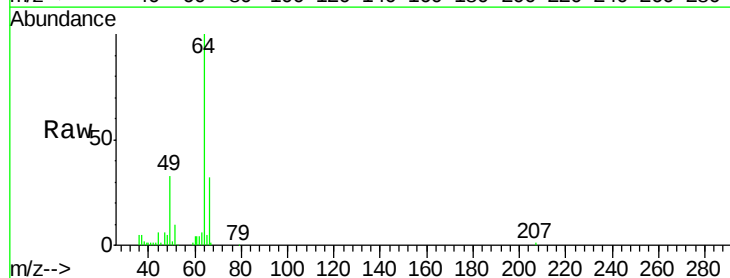
Acq: 23 Sep 2020 10:28

Tgt Ion: 64 Resp: 93687

Ion Ratio Lower Upper

64 100

66 31.9 26.9 40.3

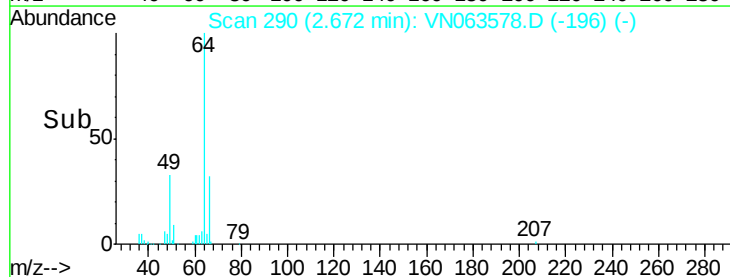


Abundance Ion 63.90 (63.60 to 64.60): VN063360.D (-275) (-)

Ion 65.90 (65.60 to 66.60): VN063360.D (-275) (-)

2.67

Time-->

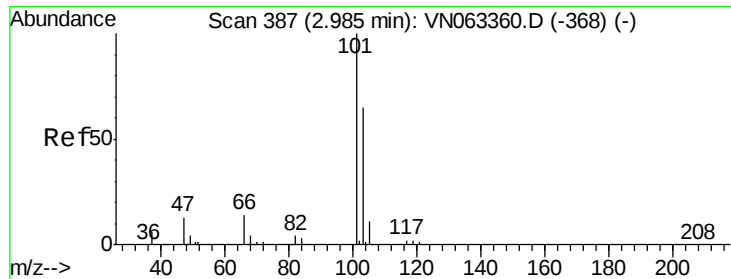


Abundance Ion 63.90 (63.60 to 64.60): VN063578.D (-196) (-)

Ion 65.90 (65.60 to 66.60): VN063578.D (-196) (-)

2.67

Time-->



#7

Trichlorofluoromethane

Concen: 51.666 ug/l

RT: 2.99 min Scan# 388

Delta R.T. 0.00 min

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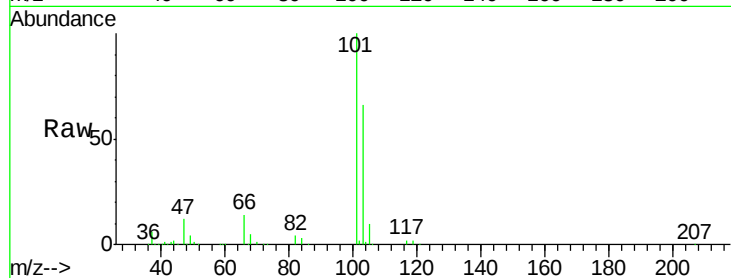
VSTDCCC050EC

Tgt Ion:101 Resp: 244840

Ion Ratio Lower Upper

101 100

103 66.1 52.3 78.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

2.99

120000

100000

80000

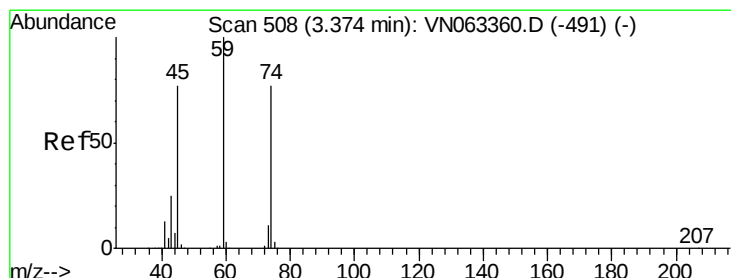
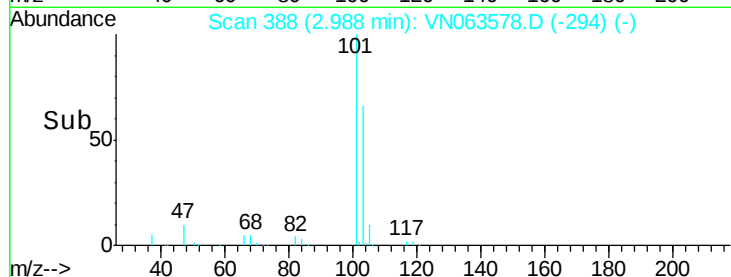
60000

40000

20000

0

Time-->



#8

Diethyl Ether

Concen: 46.420 ug/l

RT: 3.38 min Scan# 509

Delta R.T. 0.00 min

Lab File: VN063578.D

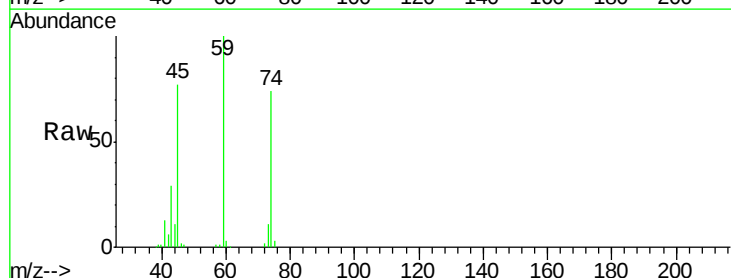
Acq: 23 Sep 2020 10:28

Tgt Ion: 74 Resp: 85755

Ion Ratio Lower Upper

74 100

45 107.5 52.1 156.4



Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO

3.38

40000

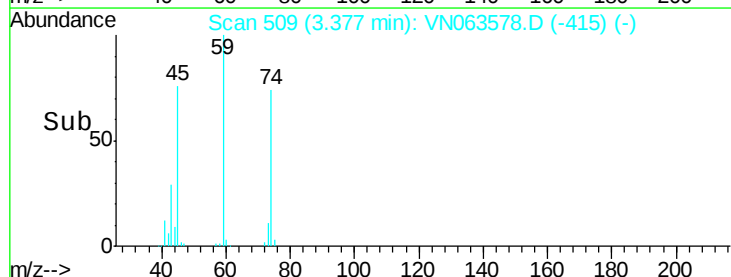
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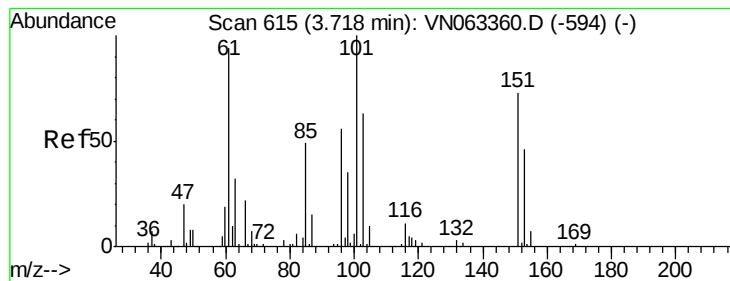
20000

10000

0

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.511 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN063578.D

Acq: 23 Sep 2020 10:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

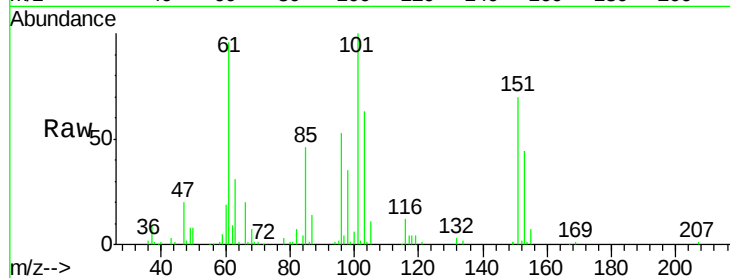
Tgt Ion:101 Resp: 126620

Ion Ratio Lower Upper

101 100

85 48.7 37.7 56.5

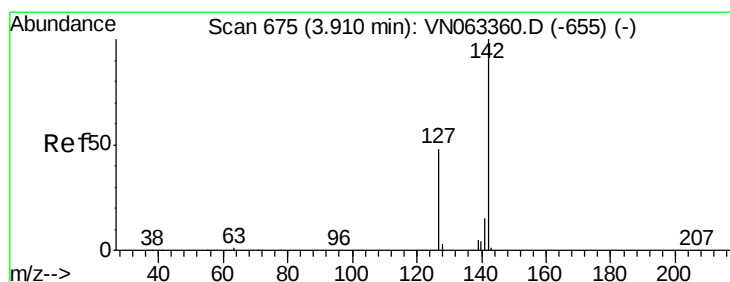
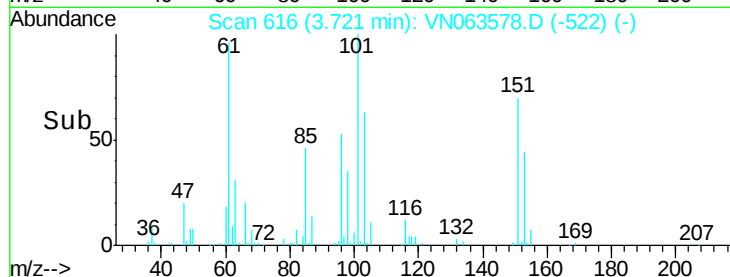
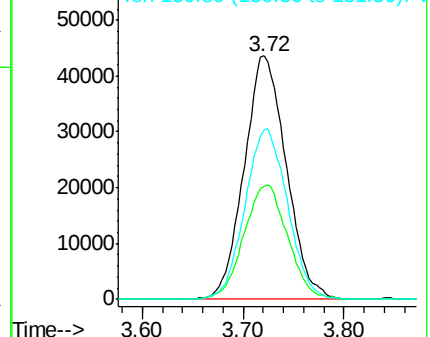
151 70.7 57.7 86.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.378 ug/l

RT: 3.91 min Scan# 676

Delta R.T. 0.00 min

Lab File: VN063578.D

Acq: 23 Sep 2020 10:28

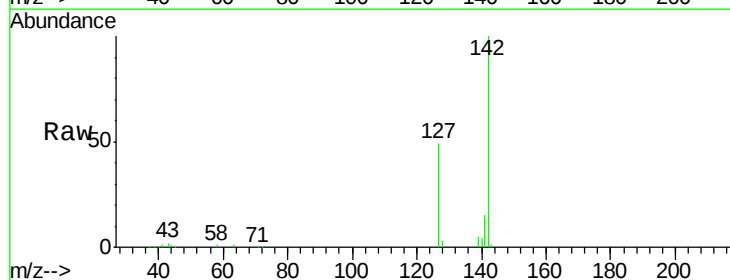
Tgt Ion:142 Resp: 167860

Ion Ratio Lower Upper

142 100

127 50.3 39.0 58.6

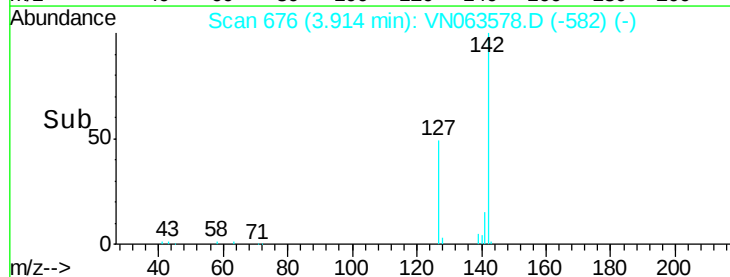
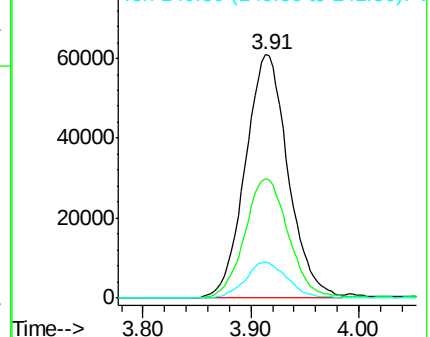
141 14.7 11.6 17.4

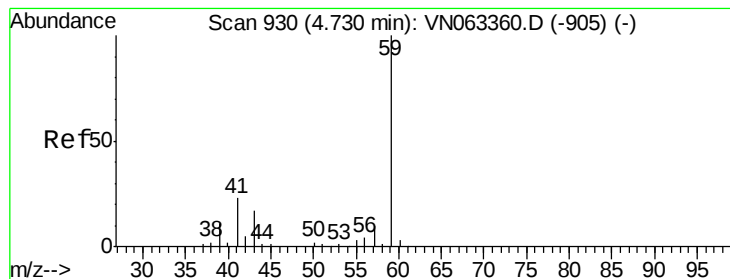


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



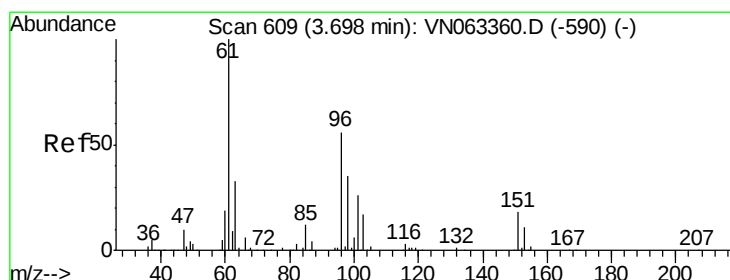
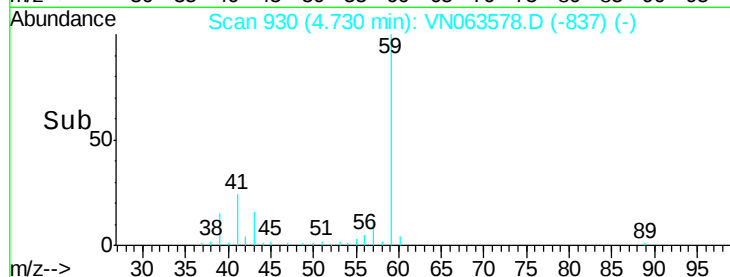
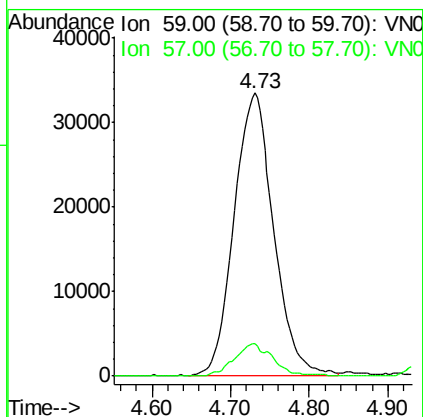
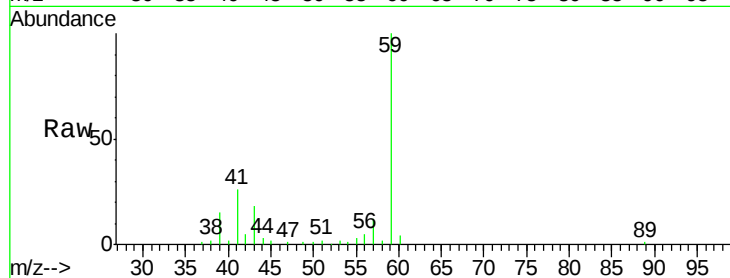


#11

Tert butyl alcohol
 Concen: 209.431 ug/l
 RT: 4.73 min Scan# 930
 Delta R.T. -0.00 min
 Lab File: VN063578.D
 Acq: 23 Sep 2020 10:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

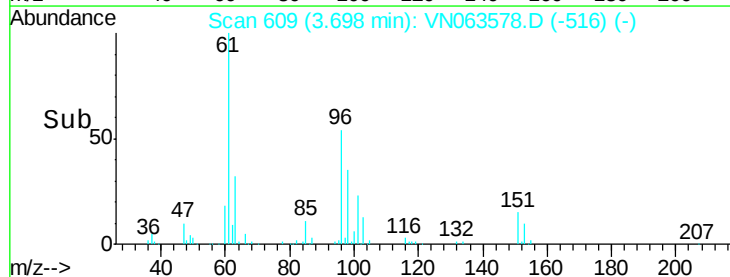
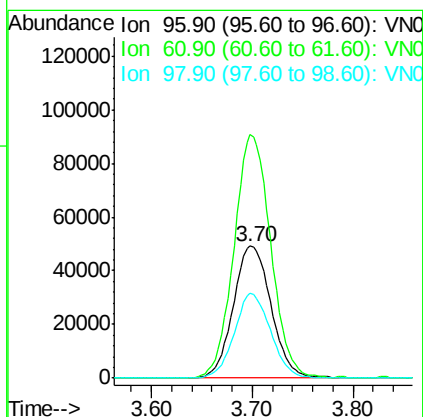
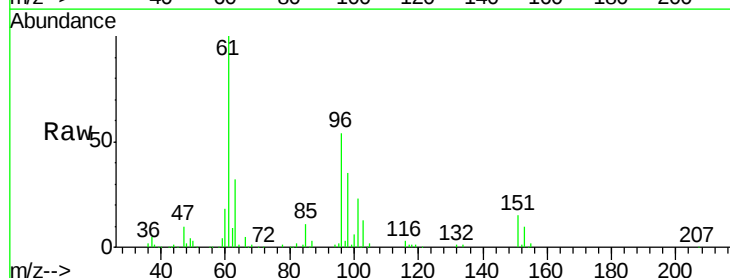
Tgt Ion: 59 Resp: 118141
 Ion Ratio Lower Upper
 59 100
 57 11.0 8.4 12.6

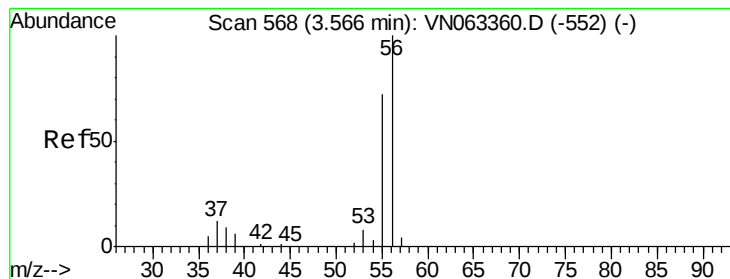


#12

1,1-Dichloroethene
 Concen: 47.424 ug/l
 RT: 3.70 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: VN063578.D
 Acq: 23 Sep 2020 10:28

Tgt Ion: 96 Resp: 128016
 Ion Ratio Lower Upper
 96 100
 61 184.4 143.4 215.2
 98 64.4 50.6 76.0





#13

Acrolein

Concen: 326.445 ug/l

RT: 3.57 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN063578.D

Acq: 23 Sep 2020 10:28

Instrument :

MSVOA_N

ClientSampleId :

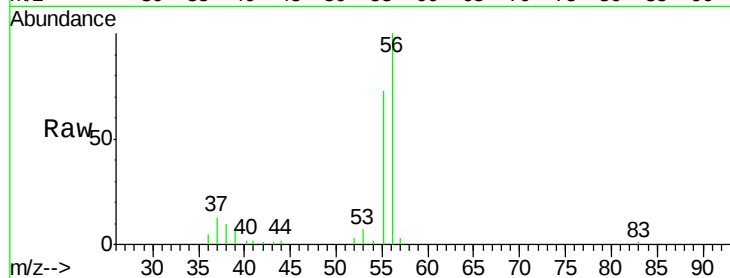
VSTDCCC050EC

Tgt Ion: 56 Resp: 68243

Ion Ratio Lower Upper

56 100

55 72.4 58.2 87.2

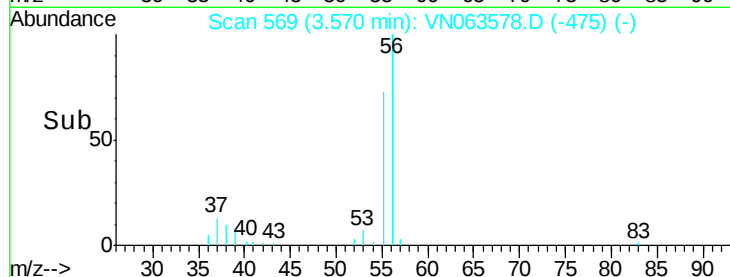


Abundance Ion 56.00 (55.70 to 56.70): VN063360.D (-552) (-)

Ion 55.00 (54.70 to 55.70): VN063360.D (-552) (-)

3.57

Time-->



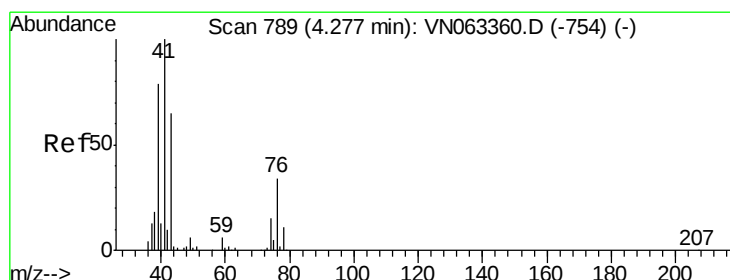
Abundance

Ion 56.00 (55.70 to 56.70): VN063578.D (-475) (-)

Ion 55.00 (54.70 to 55.70): VN063578.D (-475) (-)

3.57

Time-->



#14

Allyl chloride

Concen: 43.441 ug/l

RT: 4.28 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN063578.D

Acq: 23 Sep 2020 10:28

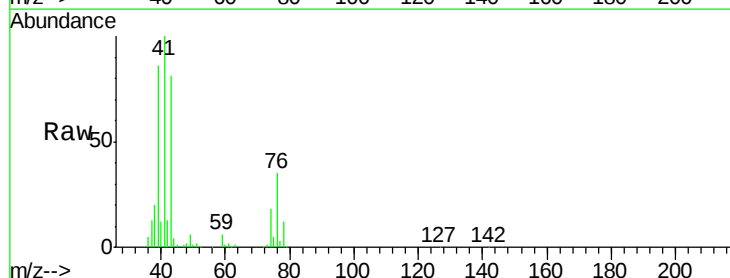
Tgt Ion: 41 Resp: 231953

Ion Ratio Lower Upper

41 100

39 77.7 59.3 88.9

76 30.8 25.3 37.9



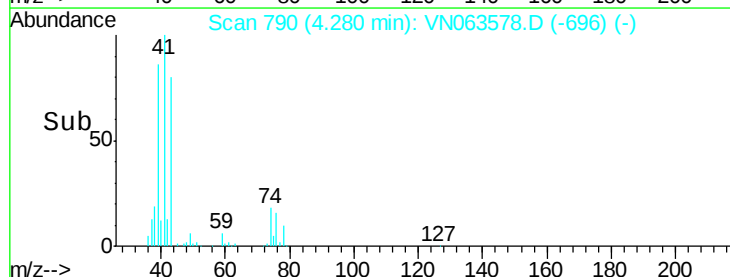
Abundance Ion 41.00 (40.70 to 41.70): VN063360.D (-754) (-)

Ion 39.00 (38.70 to 39.70): VN063360.D (-754) (-)

Ion 75.90 (75.60 to 76.60): VN063360.D (-754) (-)

4.28

Time-->



Abundance

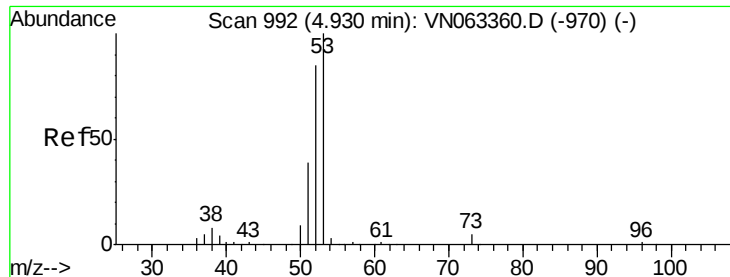
Ion 41.00 (40.70 to 41.70): VN063578.D (-696) (-)

Ion 39.00 (38.70 to 39.70): VN063578.D (-696) (-)

Ion 75.90 (75.60 to 76.60): VN063578.D (-696) (-)

4.28

Time-->



#15

Acrylonitrile

Concen: 242.535 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN063578.D

Acq: 23 Sep 2020 10:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

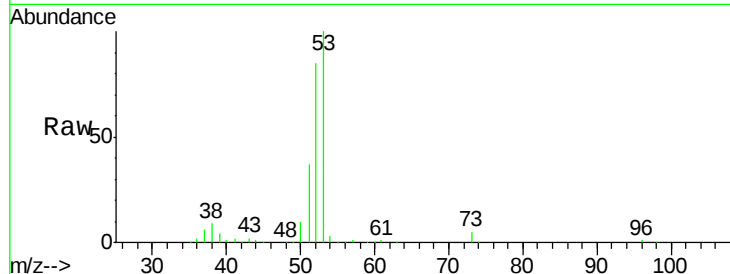
Tgt Ion: 53 Resp: 348012

Ion Ratio Lower Upper

53 100

52 83.6 66.4 99.6

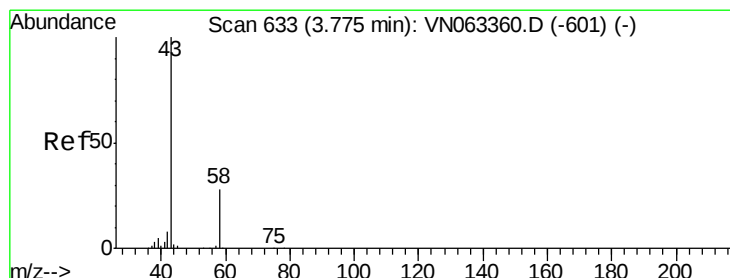
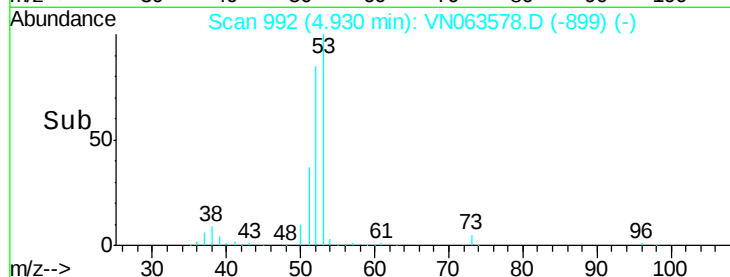
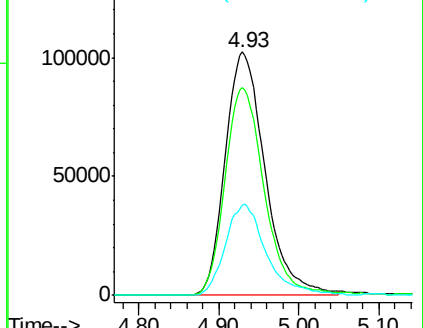
51 38.4 30.2 45.4



Abundance Ion 53.00 (52.70 to 53.70): VN063360.D (-970) (-)

Ion 52.00 (51.70 to 52.70): VN063360.D (-970) (-)

Ion 51.00 (50.70 to 51.70): VN063360.D (-970) (-)



#16

Acetone

Concen: 242.183 ug/l

RT: 3.77 min Scan# 632

Delta R.T. -0.00 min

Lab File: VN063578.D

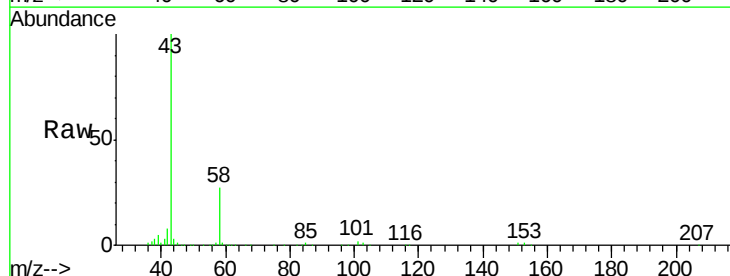
Acq: 23 Sep 2020 10:28

Tgt Ion: 43 Resp: 316932

Ion Ratio Lower Upper

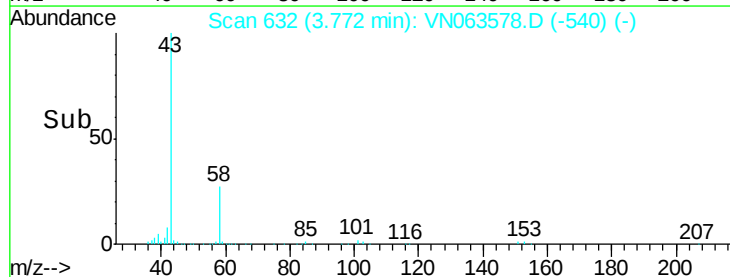
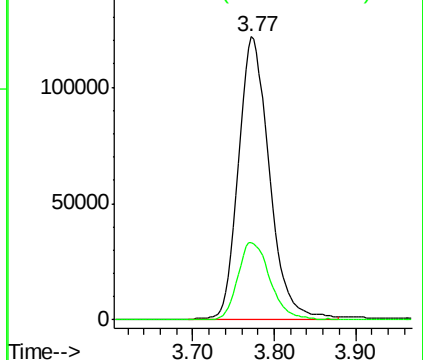
43 100

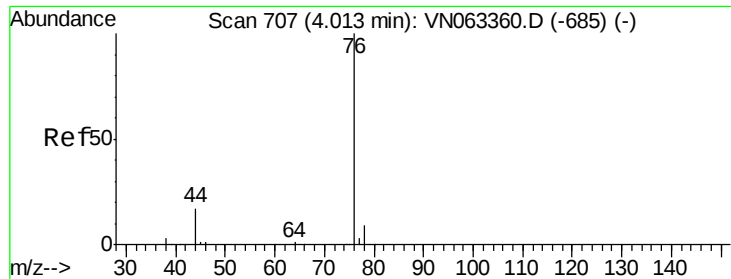
58 27.4 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN063360.D (-601) (-)

Ion 58.00 (57.70 to 58.70): VN063360.D (-601) (-)

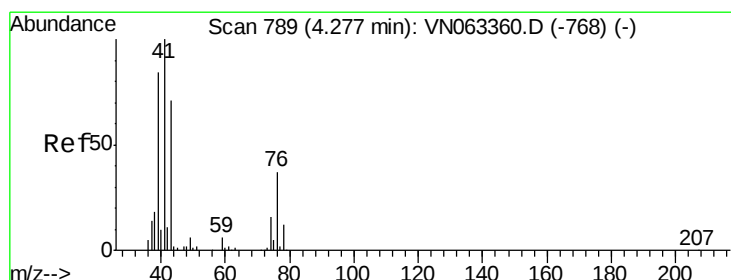
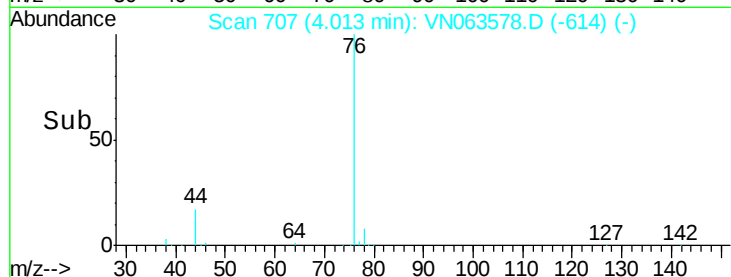
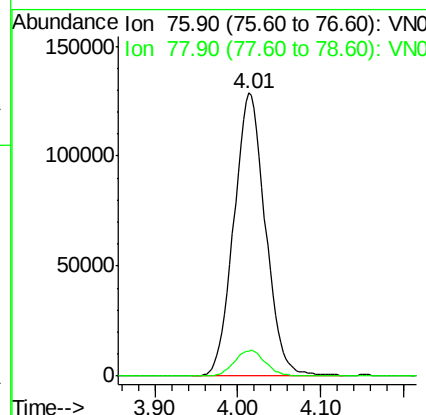
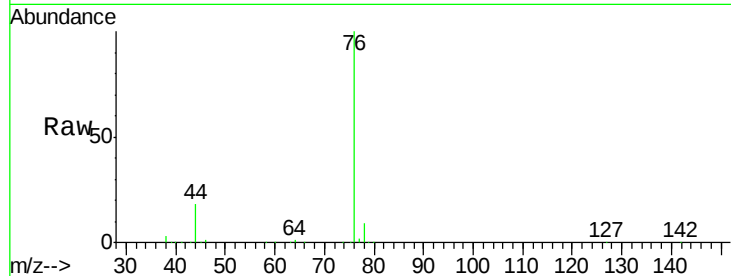




#17
Carbon Disulfide
Concen: 43.393 ug/l
RT: 4.01 min Scan# 707
Delta R.T. -0.00 min
Lab File: VN063578.D
Acq: 23 Sep 2020 10:28

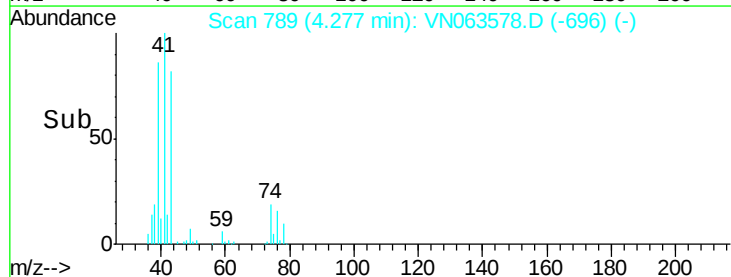
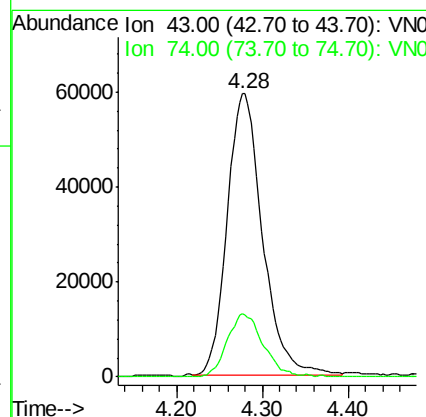
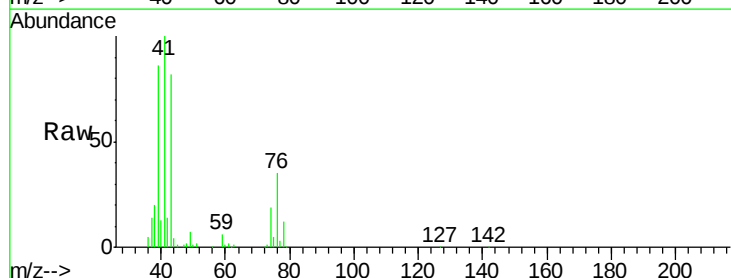
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

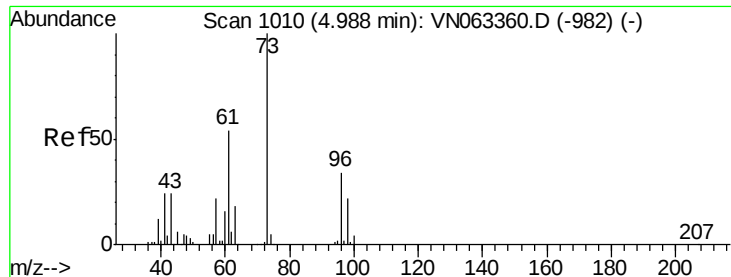
Tgt Ion: 76 Resp: 340722
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 50.937 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN063578.D
Acq: 23 Sep 2020 10:28

Tgt Ion: 43 Resp: 169221
Ion Ratio Lower Upper
43 100
74 22.7 17.4 26.2

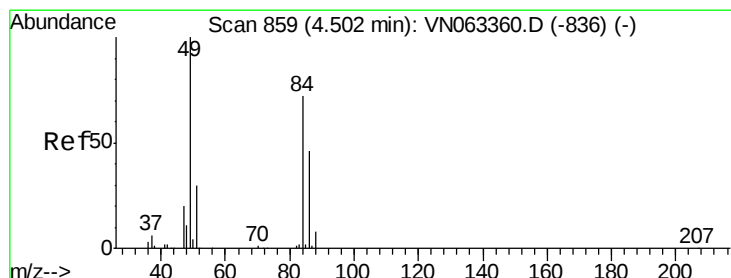
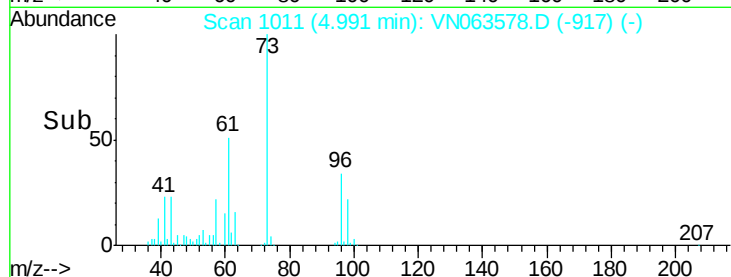
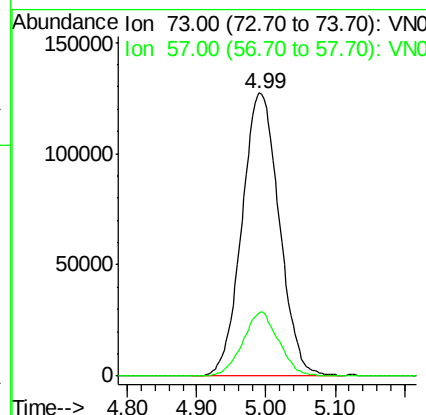
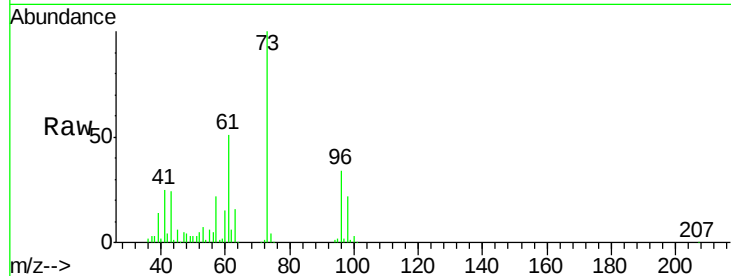




#19
Methyl tert-butyl Ether
Concen: 47.413 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063578.D
Acq: 23 Sep 2020 10:28

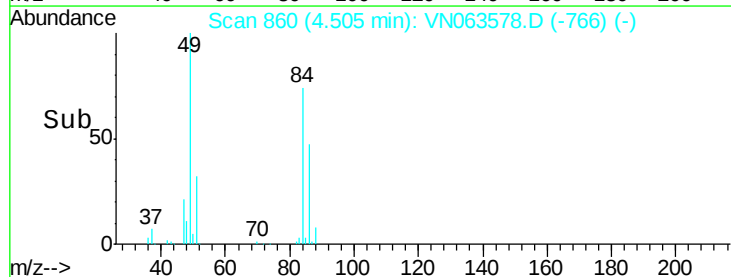
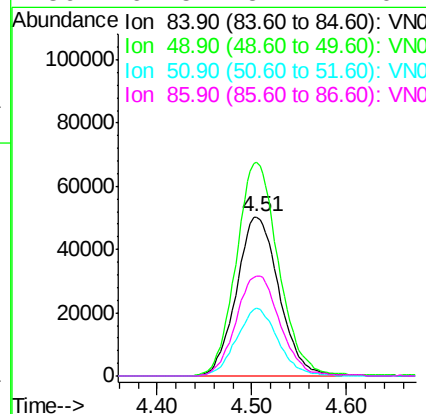
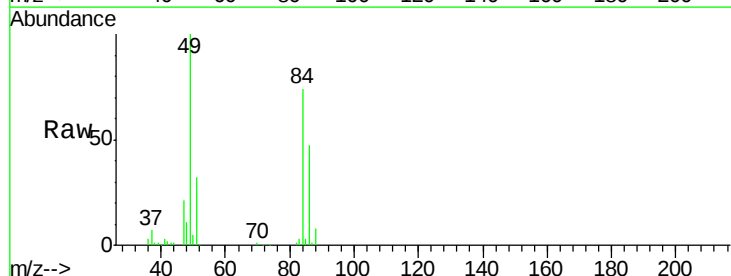
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

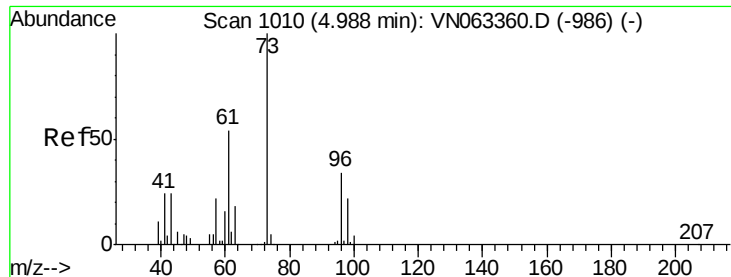
Tgt Ion: 73 Resp: 477013
Ion Ratio Lower Upper
73 100
57 22.4 17.9 26.9



#20
Methylene Chloride
Concen: 47.388 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063578.D
Acq: 23 Sep 2020 10:28

Tgt Ion: 84 Resp: 157119
Ion Ratio Lower Upper
84 100
49 134.3 110.7 166.1
51 42.5 32.9 49.3
86 62.5 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 47.135 ug/l

RT: 4.99 min Scan# 1012

Delta R.T. 0.01 min

Lab File: VN063578.D

Acq: 23 Sep 2020 10:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

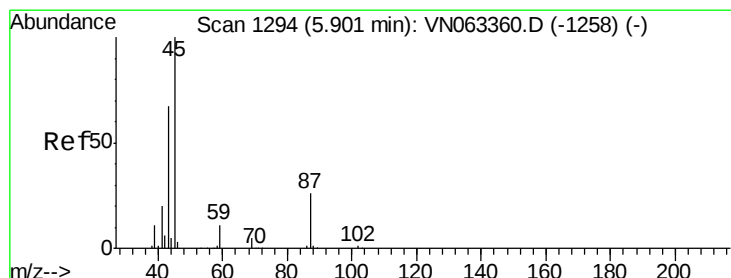
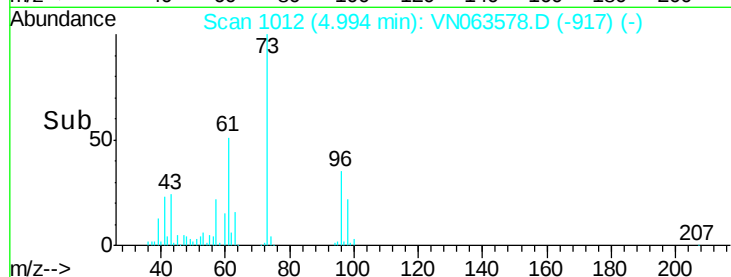
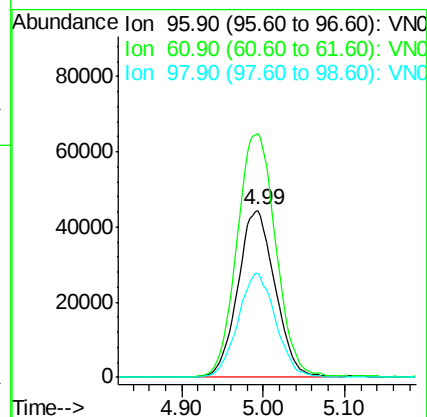
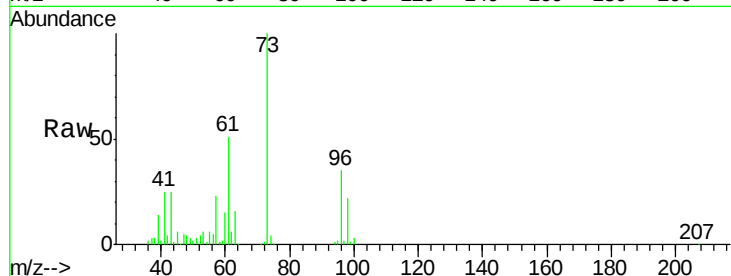
Tgt Ion: 96 Resp: 140968

Ion Ratio Lower Upper

96 100

61 145.5 126.2 189.4

98 62.3 51.0 76.4



#22

Diisopropyl ether

Concen: 48.003 ug/l

RT: 5.90 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VN063578.D

Acq: 23 Sep 2020 10:28

Tgt Ion: 45 Resp: 522742

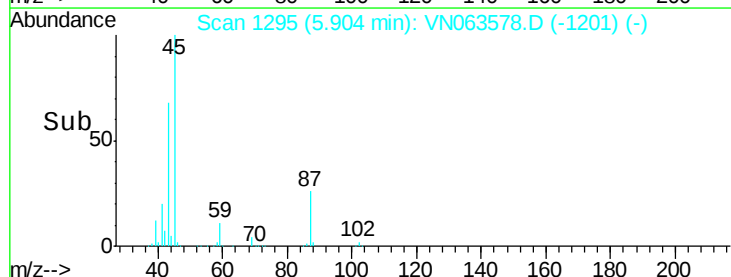
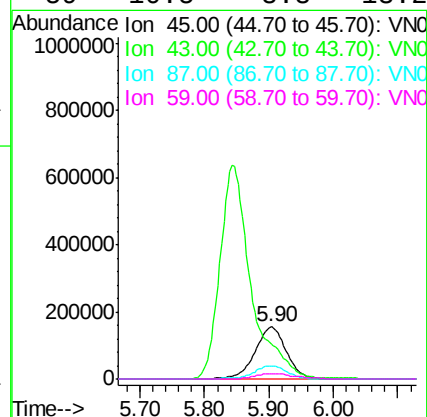
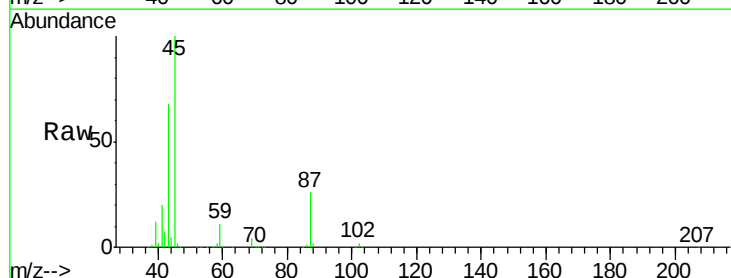
Ion Ratio Lower Upper

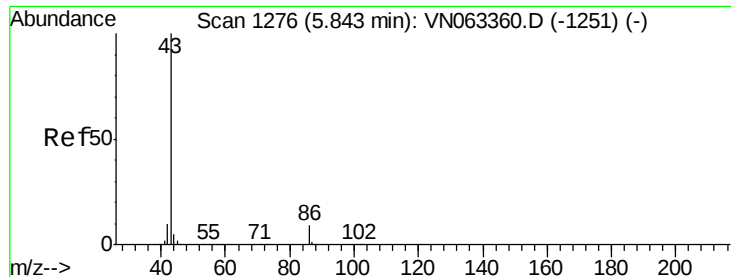
45 100

43 66.9 53.5 80.3

87 25.6 21.2 31.8

59 10.5 8.8 13.2

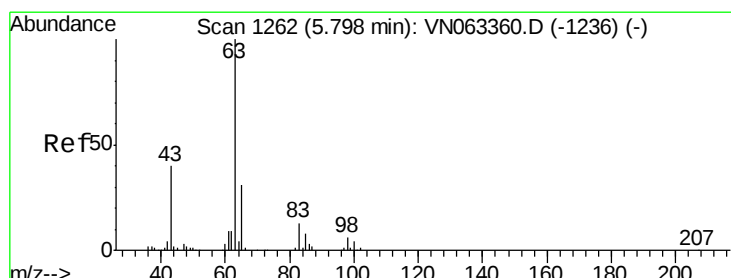
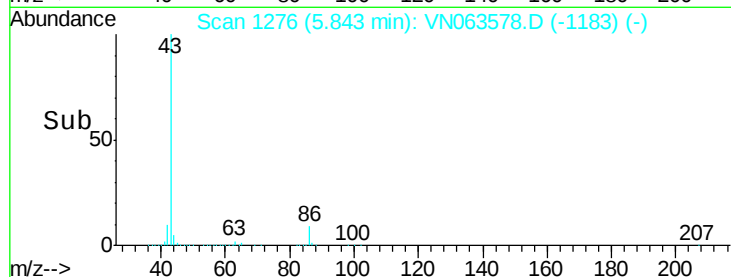
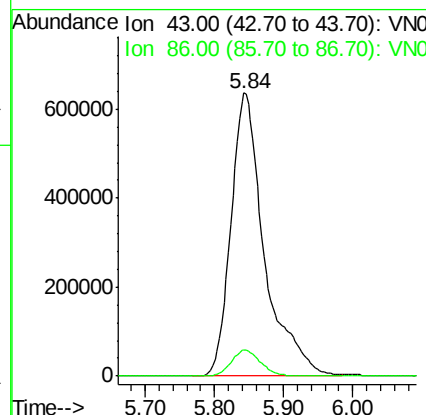
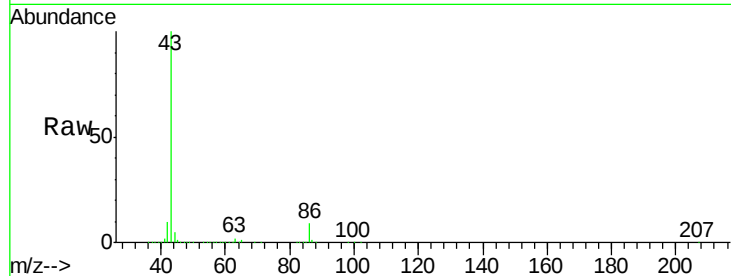




#23
 Vinyl Acetate
 Concen: 239.437 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: VN063578.D
 Acq: 23 Sep 2020 10:28

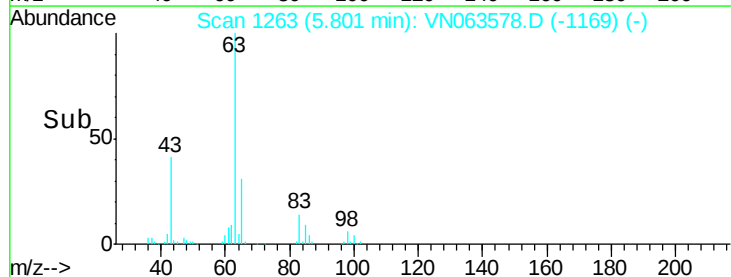
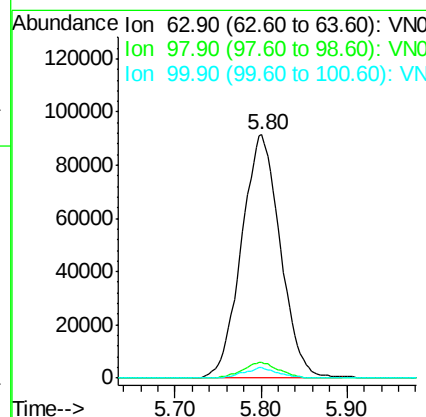
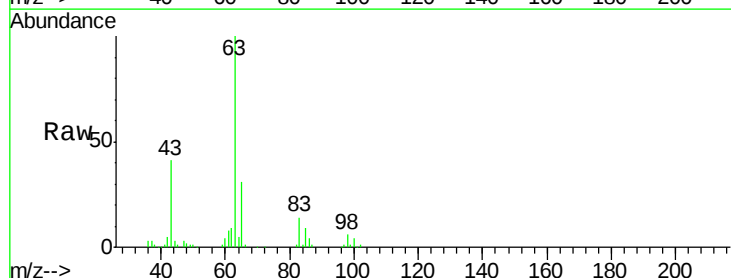
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

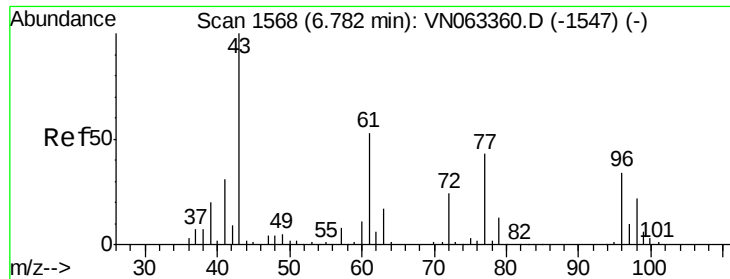
Tgt Ion: 43 Resp: 2141389
 Ion Ratio Lower Upper
 43 100
 86 9.3 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 48.222 ug/l
 RT: 5.80 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: VN063578.D
 Acq: 23 Sep 2020 10:28

Tgt Ion: 63 Resp: 286694
 Ion Ratio Lower Upper
 63 100
 98 6.2 2.9 8.8
 100 4.3 2.1 6.3





#25

2-Butanone

Concen: 239.259 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN063578.D

Acq: 23 Sep 2020 10:28

Instrument :

MSVOA_N

ClientSampleId :

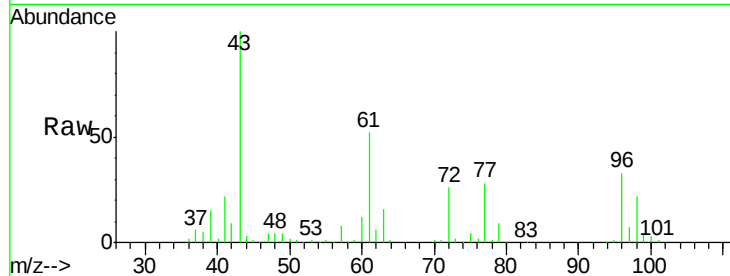
VSTDCCC050EC

Tgt Ion: 43 Resp: 481550

Ion Ratio Lower Upper

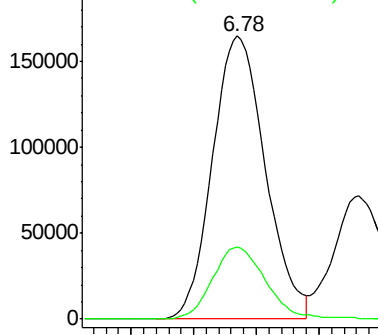
43 100

72 25.6 19.2 28.8

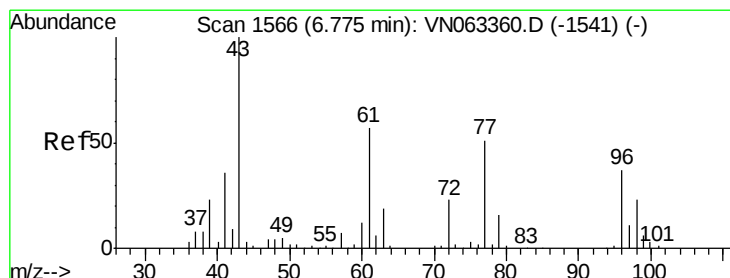
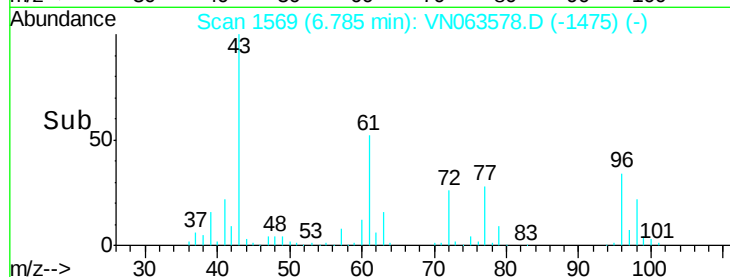


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



Time-->



#26

2,2-Dichloropropane

Concen: 29.872 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN063578.D

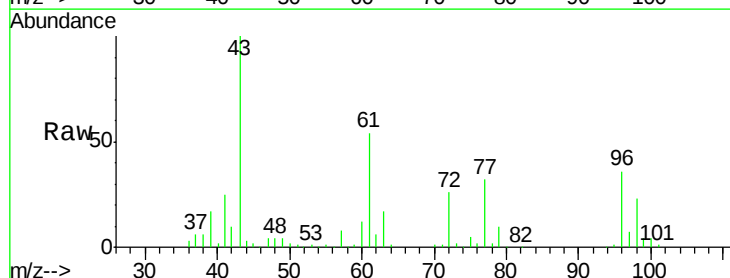
Acq: 23 Sep 2020 10:28

Tgt Ion: 77 Resp: 156366

Ion Ratio Lower Upper

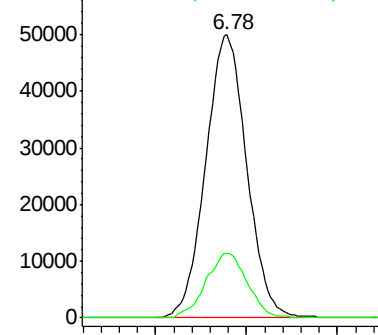
77 100

97 23.0 10.5 31.6

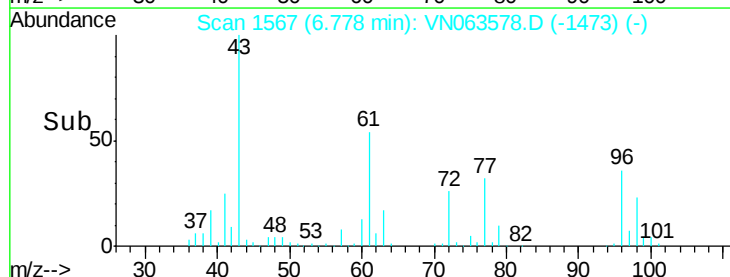


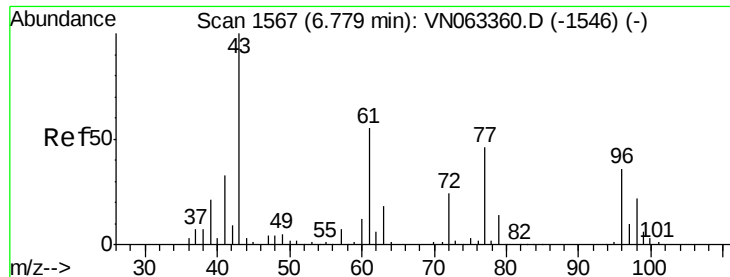
Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0



Time-->





#27

cis-1,2-Dichloroethene

Concen: 49.128 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN063578.D

Acq: 23 Sep 2020 10:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

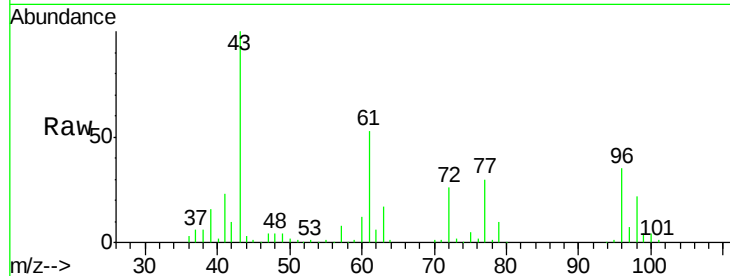
Tgt Ion: 96 Resp: 166305

Ion Ratio Lower Upper

96 100

61 152.3 0.0 319.6

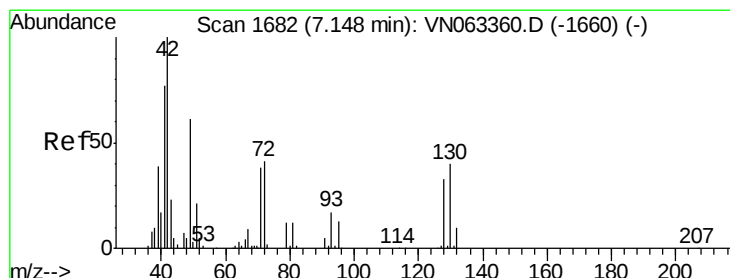
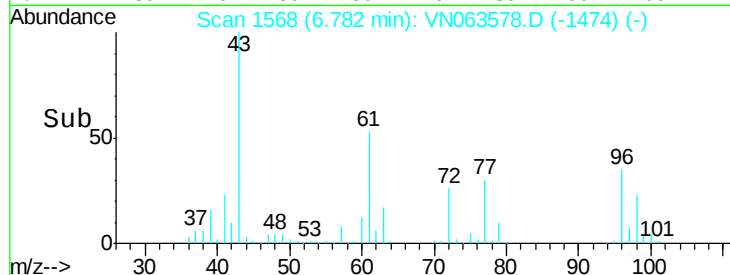
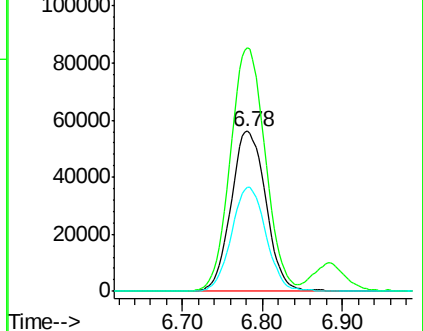
98 64.2 0.0 127.8



Abundance Ion 95.90 (95.60 to 96.60): VN063360.D (-1546) (-)

Ion 60.90 (60.60 to 61.60): VN063360.D (-1546) (-)

Ion 97.90 (97.60 to 98.60): VN063360.D (-1546) (-)



#28

Bromochloromethane

Concen: 48.848 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VN063578.D

Acq: 23 Sep 2020 10:28

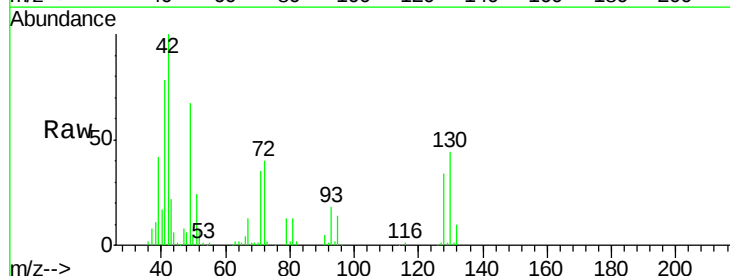
Tgt Ion: 49 Resp: 134093

Ion Ratio Lower Upper

49 100

129 2.1 0.0 3.8

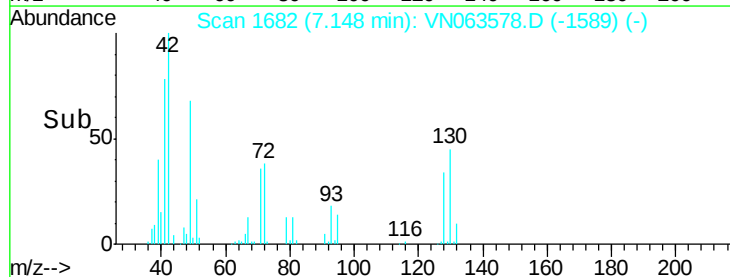
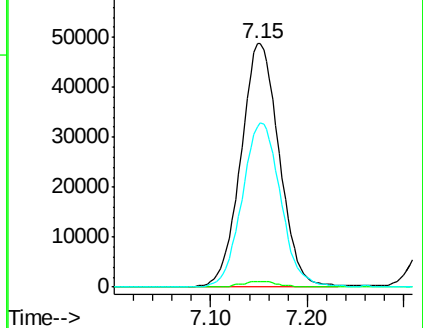
130 67.7 52.2 78.2

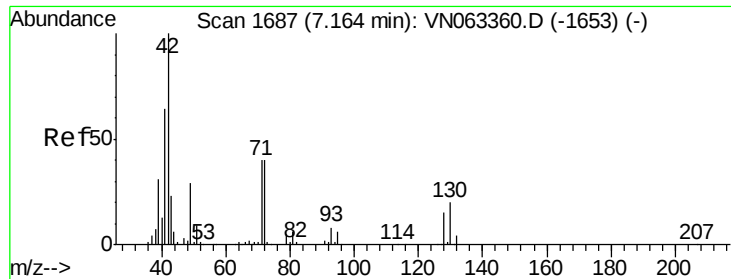


Abundance Ion 48.90 (48.60 to 49.60): VN063360.D (-1660) (-)

Ion 128.80 (128.50 to 129.50): VN063360.D (-1660) (-)

Ion 129.80 (129.50 to 130.50): VN063360.D (-1660) (-)





#29

Tetrahydrofuran

Concen: 234.882 ug/l

RT: 7.16 min Scan# 1687

Delta R.T. -0.00 min

Lab File: VN063578.D

Acq: 23 Sep 2020 10:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

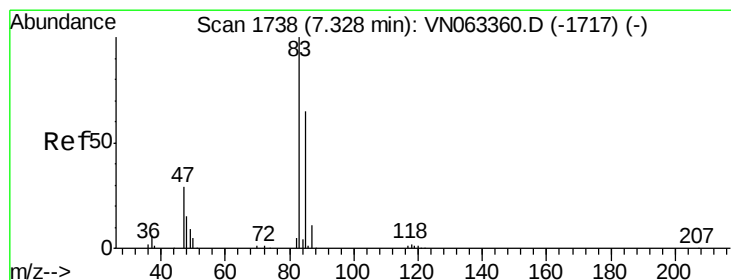
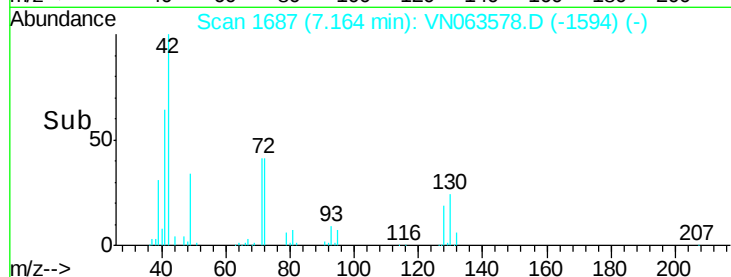
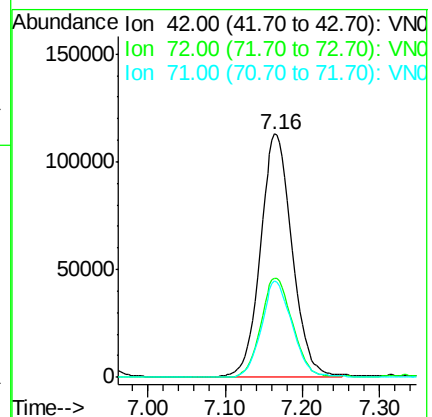
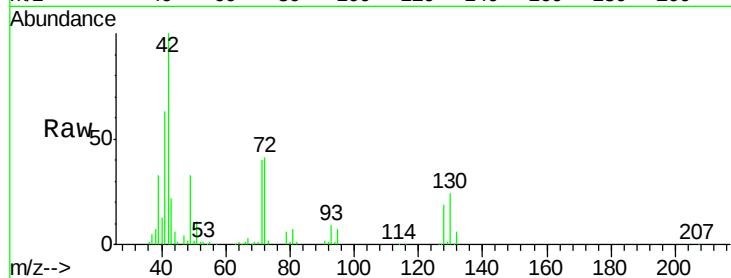
Tgt Ion: 42 Resp: 322871

Ion Ratio Lower Upper

42 100

72 40.6 32.1 48.1

71 38.5 31.2 46.8



#30

Chloroform

Concen: 50.299 ug/l

RT: 7.33 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VN063578.D

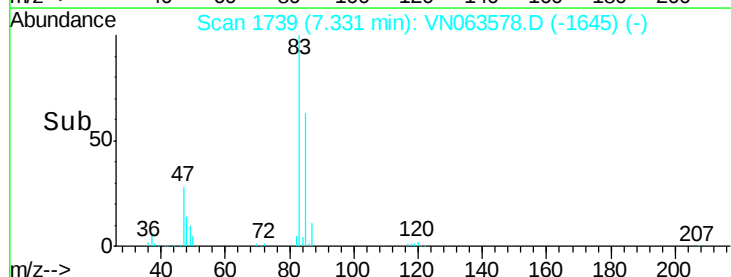
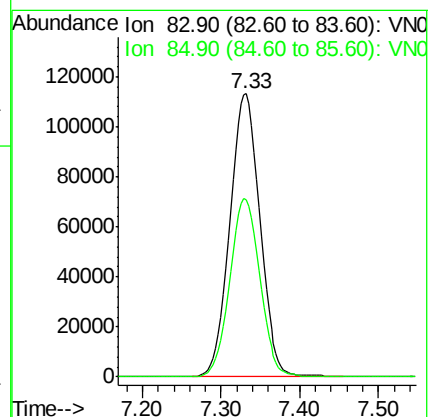
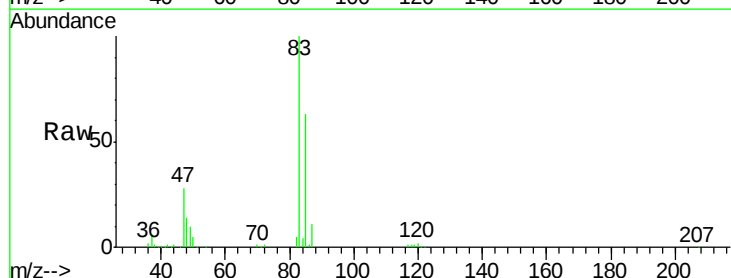
Acq: 23 Sep 2020 10:28

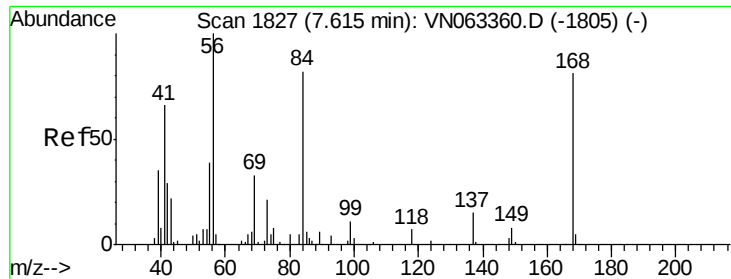
Tgt Ion: 83 Resp: 300026

Ion Ratio Lower Upper

83 100

85 62.8 52.1 78.1

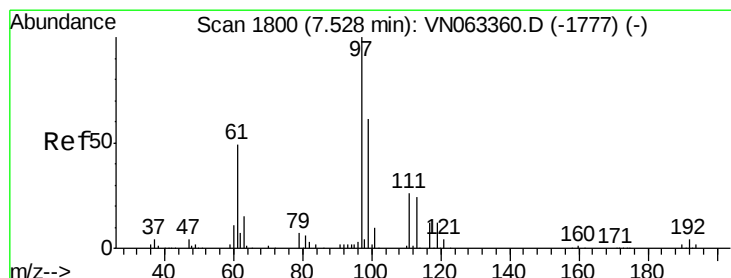
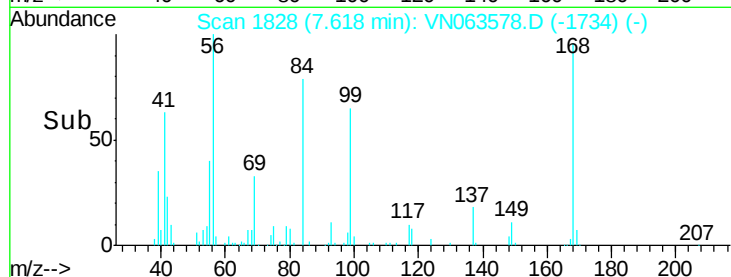
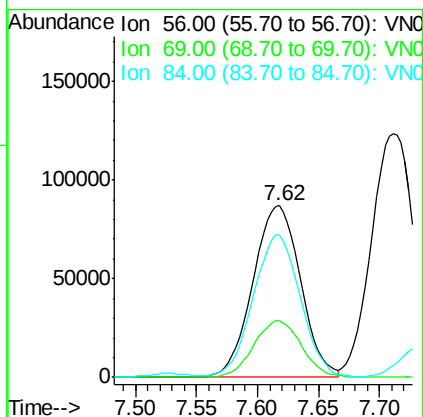
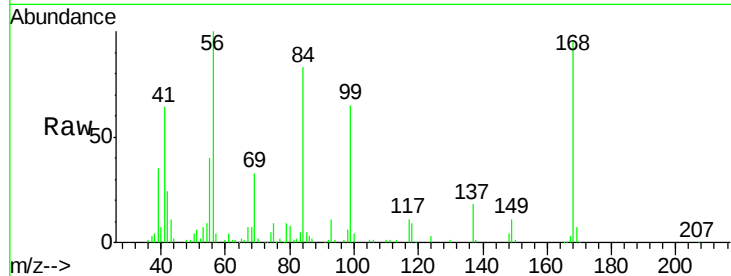




#31
Cyclohexane
Concen: 42.016 ug/l
RT: 7.62 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN063578.D
Acq: 23 Sep 2020 10:28

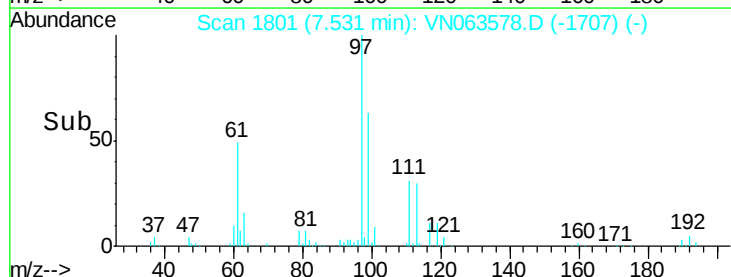
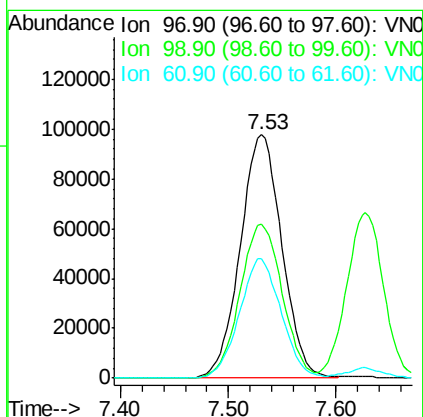
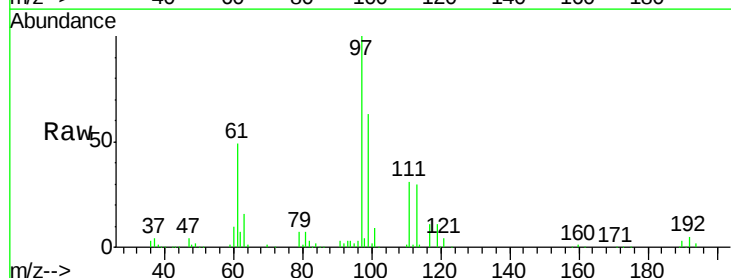
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

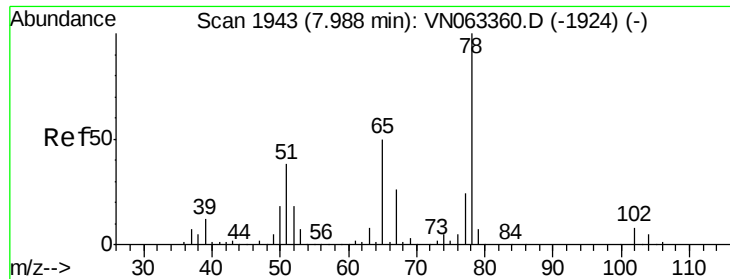
Tgt Ion: 56 Resp: 236288
Ion Ratio Lower Upper
56 100
69 33.3 26.1 39.1
84 81.4 65.4 98.2



#32
1,1,1-Trichloroethane
Concen: 49.424 ug/l
RT: 7.53 min Scan# 1801
Delta R.T. 0.00 min
Lab File: VN063578.D
Acq: 23 Sep 2020 10:28

Tgt Ion: 97 Resp: 262211
Ion Ratio Lower Upper
97 100
99 64.5 50.6 76.0
61 49.3 39.2 58.8

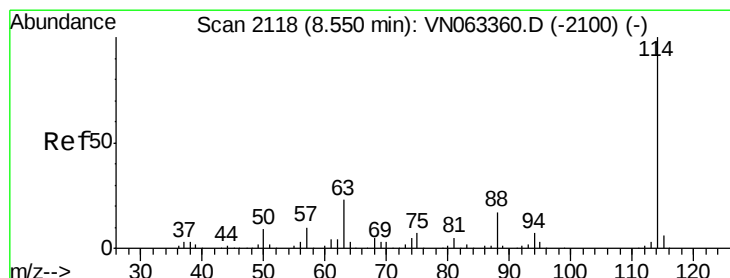
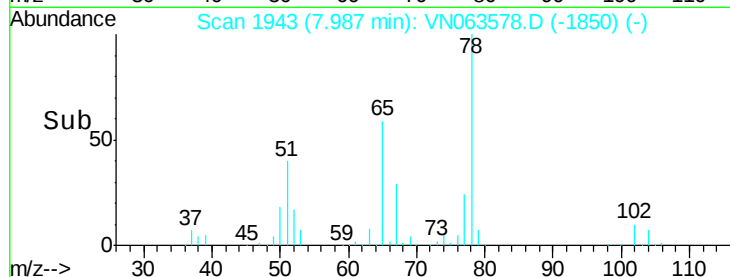
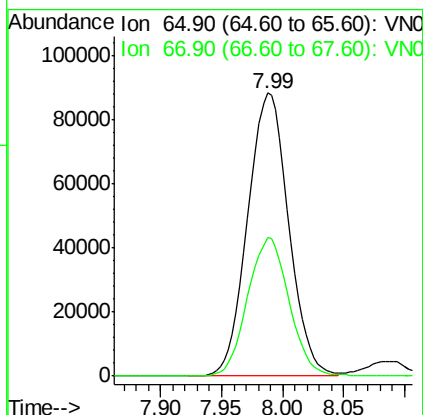
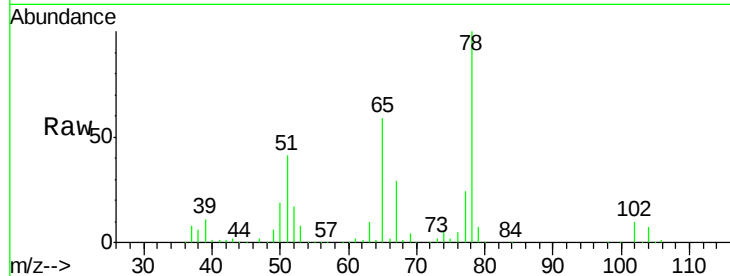




#33
 1,2-Dichloroethane-d4
 Concen: 50.513 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063578.D
 Acq: 23 Sep 2020 10:28

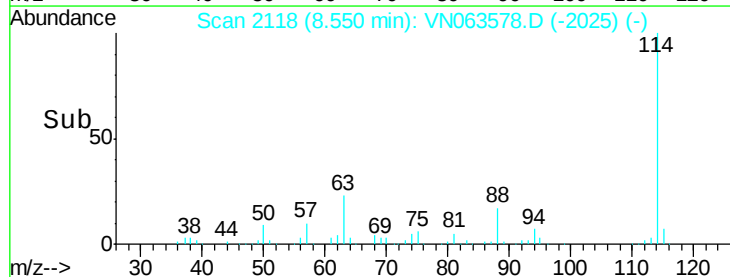
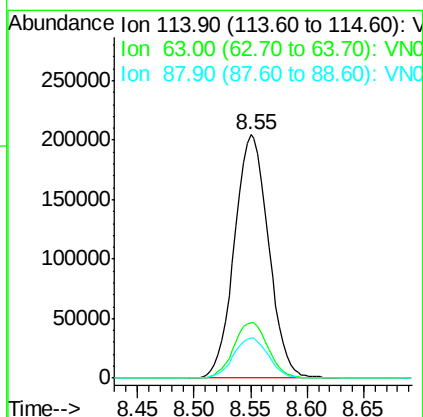
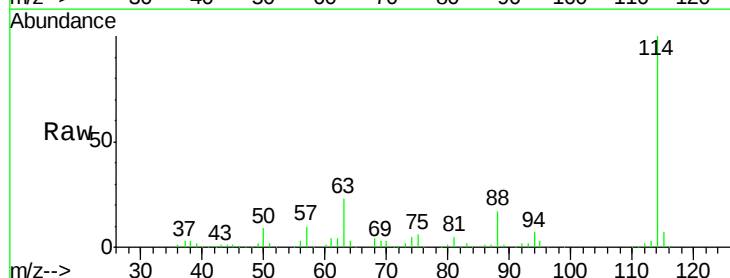
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

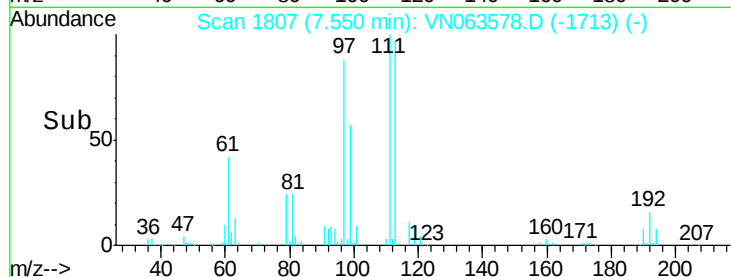
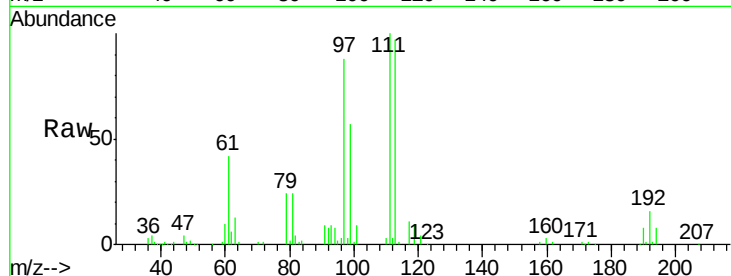
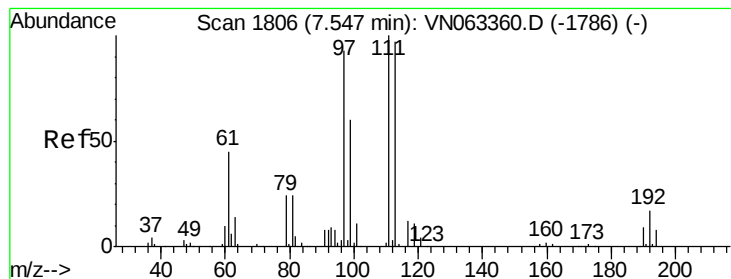
Tgt Ion: 65 Resp: 205686
 Ion Ratio Lower Upper
 65 100
 67 49.4 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063578.D
 Acq: 23 Sep 2020 10:28

Tgt Ion: 114 Resp: 430218
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 46.4
 88 16.6 0.0 33.2





#35

Dibromofluoromethane

Concen: 48.208 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN063578.D

Acq: 23 Sep 2020 10:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

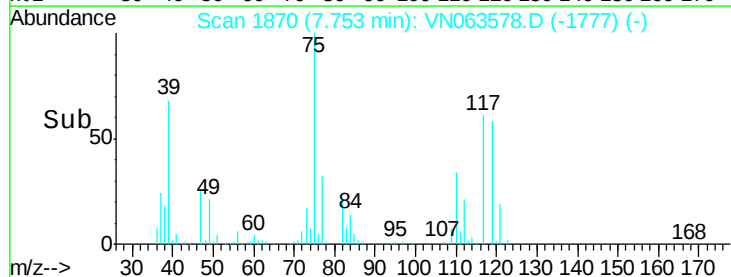
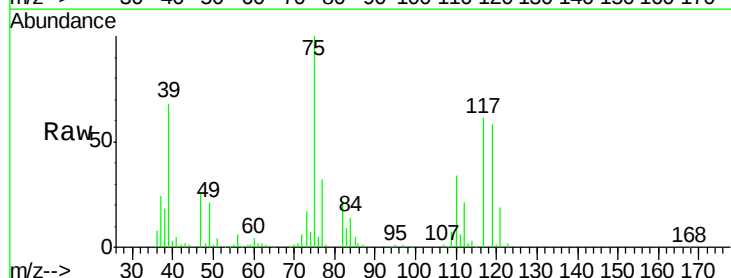
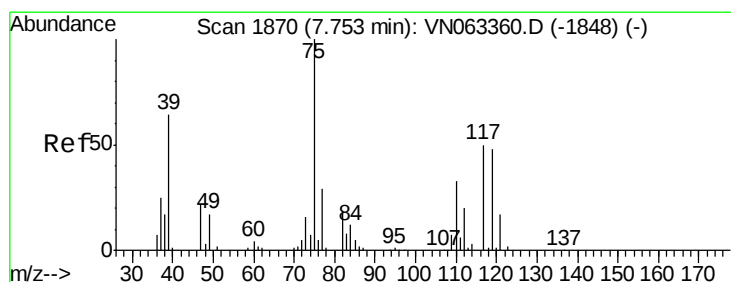
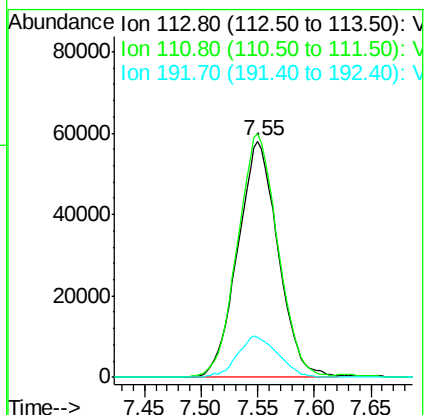
Tgt Ion:113 Resp: 143579

Ion Ratio Lower Upper

113 100

111 103.6 82.9 124.3

192 17.5 13.9 20.9



#36

1,1-Dichloropropene

Concen: 46.077 ug/l

RT: 7.75 min Scan# 1870

Delta R.T. -0.00 min

Lab File: VN063578.D

Acq: 23 Sep 2020 10:28

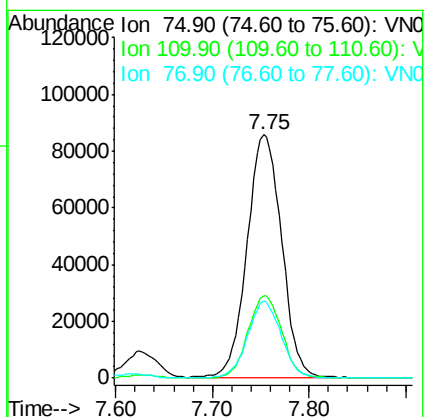
Tgt Ion: 75 Resp: 211186

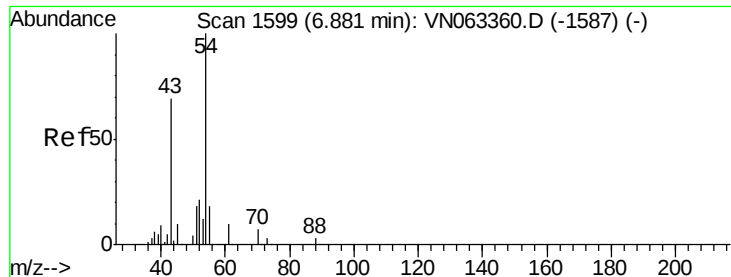
Ion Ratio Lower Upper

75 100

110 33.5 16.5 49.5

77 31.2 24.6 36.8

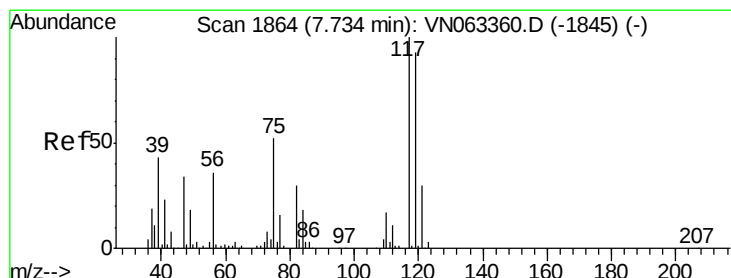
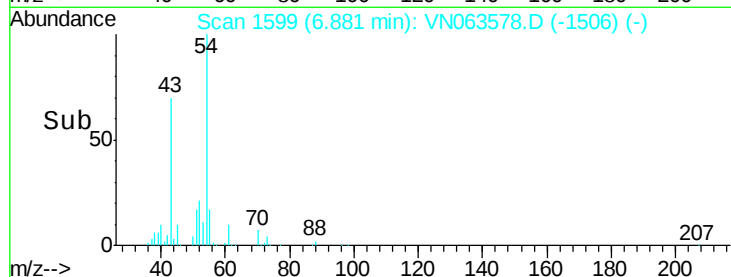
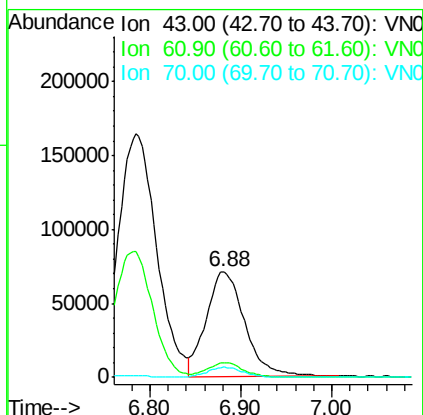
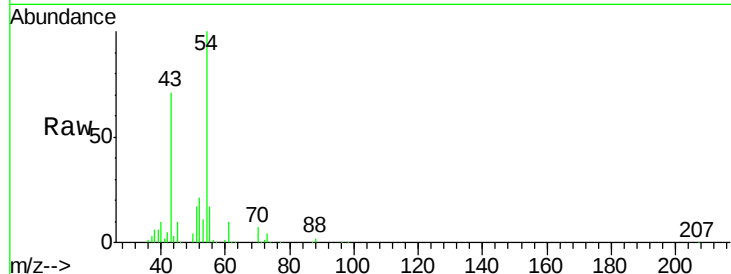




#37
Ethyl Acetate
Concen: 46.471 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VN063578.D
Acq: 23 Sep 2020 10:28

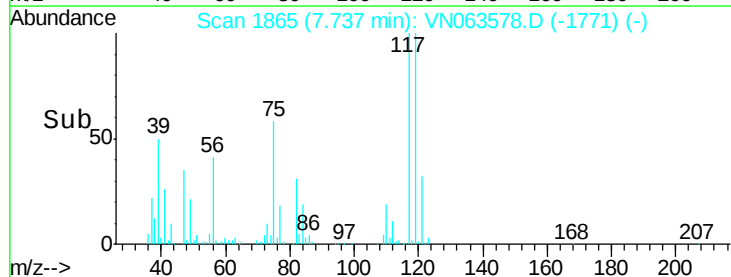
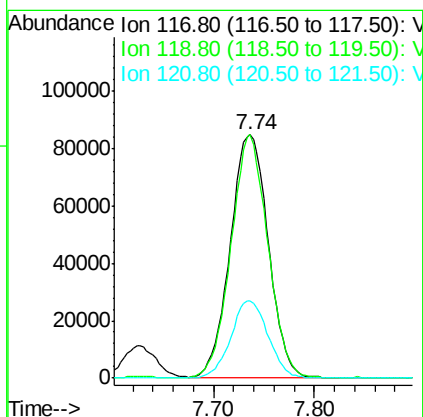
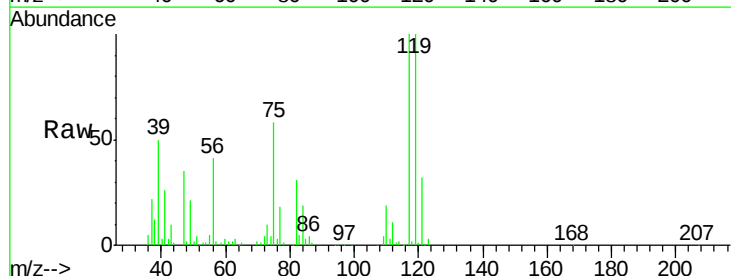
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

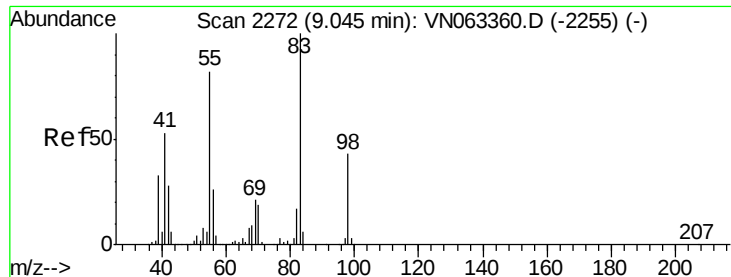
Tgt Ion: 43 Resp: 209042
Ion Ratio Lower Upper
43 100
61 12.7 10.6 15.8
70 9.0 7.2 10.8



#38
Carbon Tetrachloride
Concen: 47.698 ug/l
RT: 7.74 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN063578.D
Acq: 23 Sep 2020 10:28

Tgt Ion: 117 Resp: 223166
Ion Ratio Lower Upper
117 100
119 99.8 74.5 111.7
121 31.9 24.1 36.1

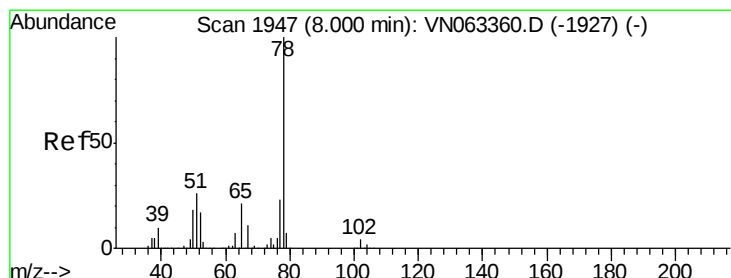
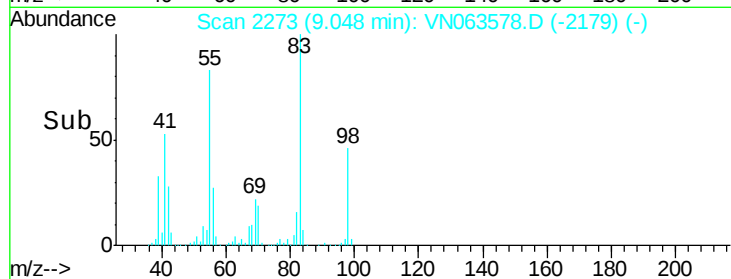
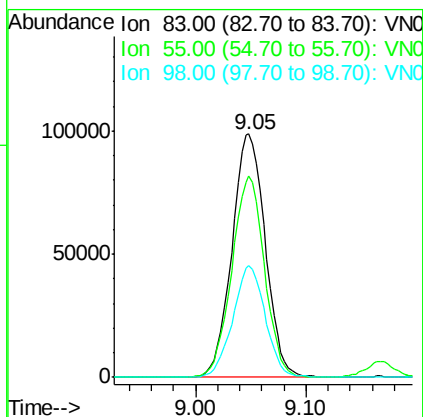
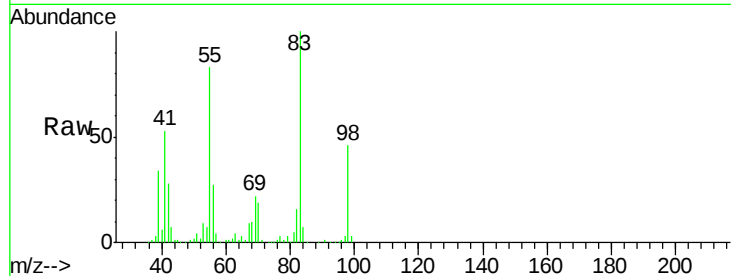




#39
Methylcyclohexane
Concen: 41.543 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063578.D
Acq: 23 Sep 2020 10:28

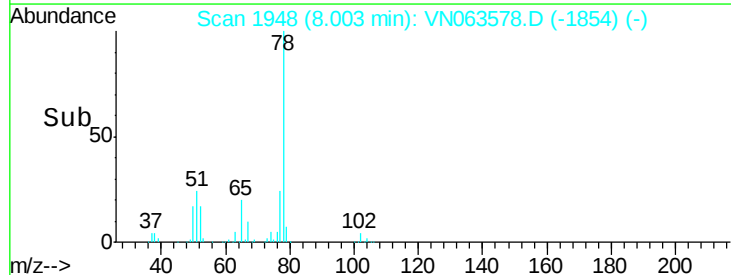
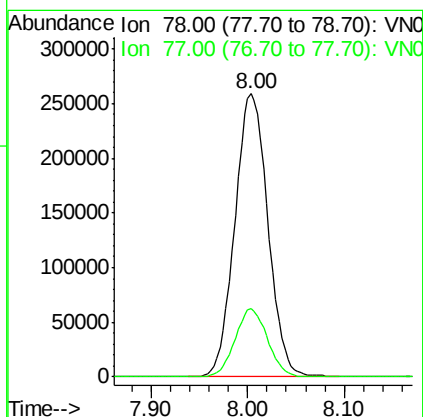
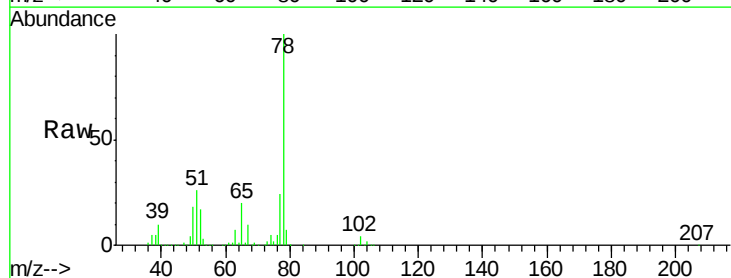
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

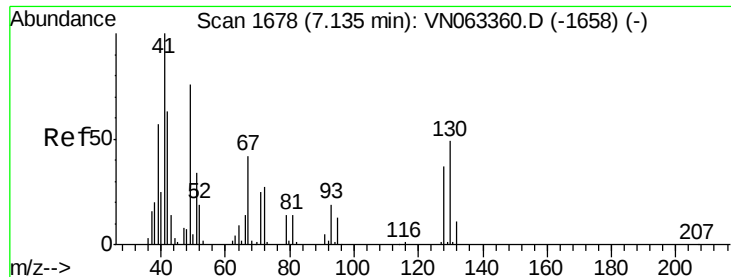
Tgt Ion: 83 Resp: 206651
Ion Ratio Lower Upper
83 100
55 82.6 65.5 98.3
98 46.1 34.2 51.4



#40
Benzene
Concen: 47.091 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063578.D
Acq: 23 Sep 2020 10:28

Tgt Ion: 78 Resp: 616131
Ion Ratio Lower Upper
78 100
77 24.1 18.3 27.5





#41

Methacrylonitrile

Concen: 45.474 ug/l

RT: 7.12 min Scan# 1674

Delta R.T. -0.01 min

Lab File: VN063578.D

Acq: 23 Sep 2020 10:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 92003

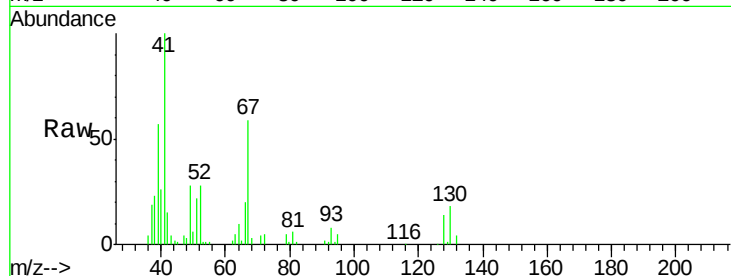
Ion Ratio Lower Upper

41 100

39 70.1 0.0 0.0#

67 83.9 0.0 0.0#

52 40.4 0.0 0.0#

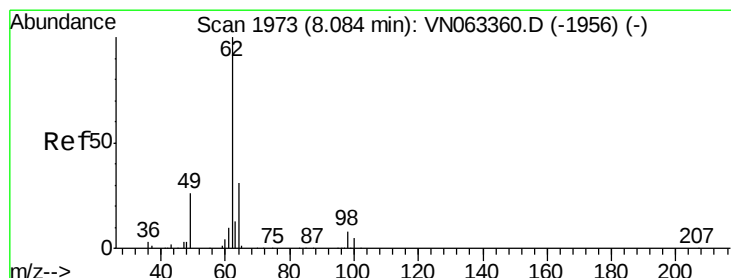
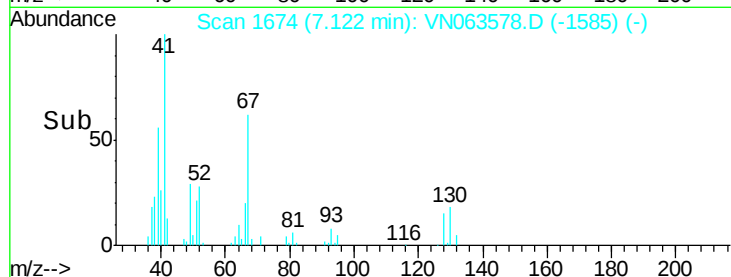
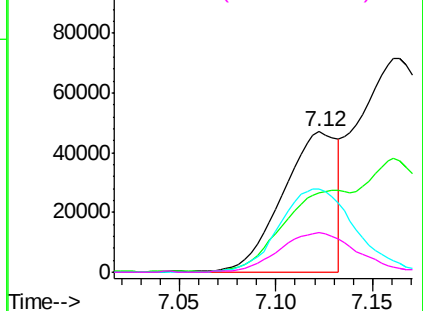


Abundance Ion 41.00 (40.70 to 41.70): VN0

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: 48.608 ug/l

RT: 8.09 min Scan# 1974

Delta R.T. 0.00 min

Lab File: VN063578.D

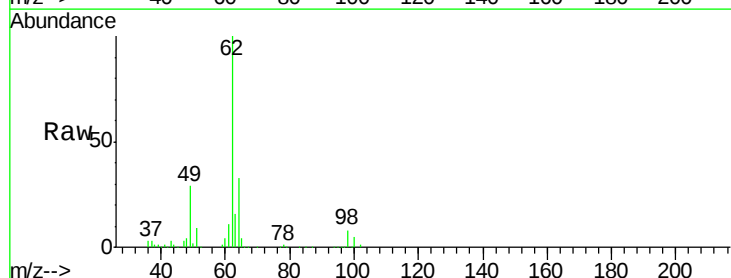
Acq: 23 Sep 2020 10:28

Tgt Ion: 62 Resp: 255759

Ion Ratio Lower Upper

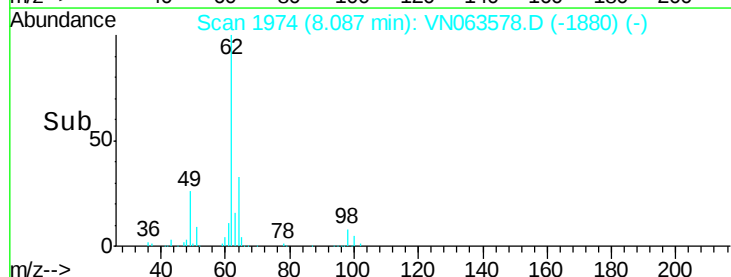
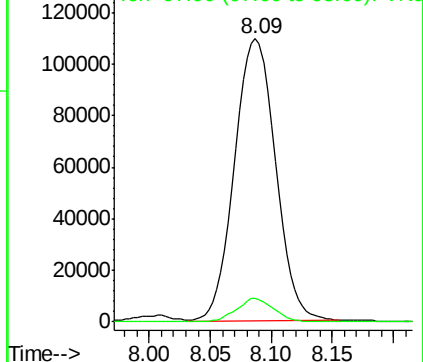
62 100

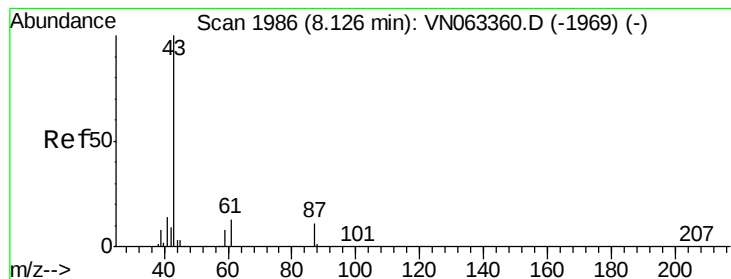
98 7.6 0.0 15.6



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 45.476 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN063578.D

Acq: 23 Sep 2020 10:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

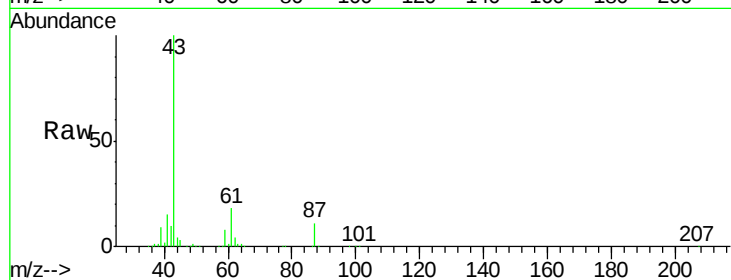
Tgt Ion: 43 Resp: 365785

Ion Ratio Lower Upper

43 100

61 17.6 14.2 21.2

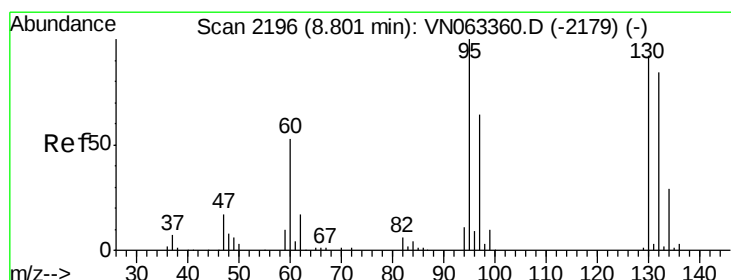
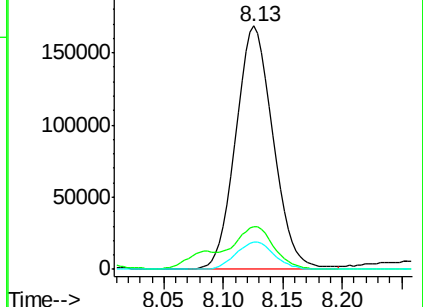
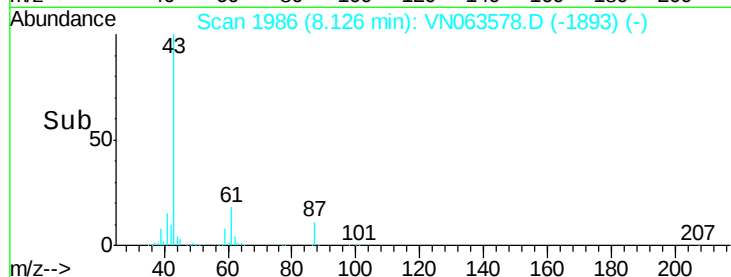
87 11.7 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VN063360.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN063360.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN063360.D (-1969) (-)



#44

Trichloroethene

Concen: 47.756 ug/l

RT: 8.80 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN063578.D

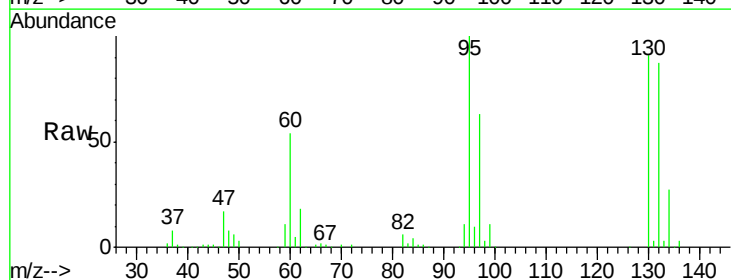
Acq: 23 Sep 2020 10:28

Tgt Ion: 130 Resp: 151549

Ion Ratio Lower Upper

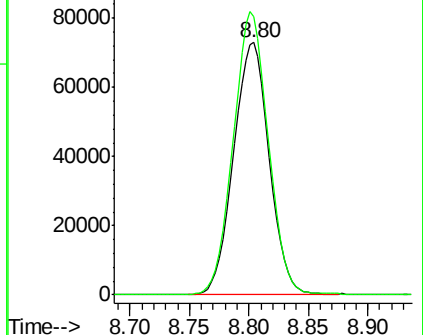
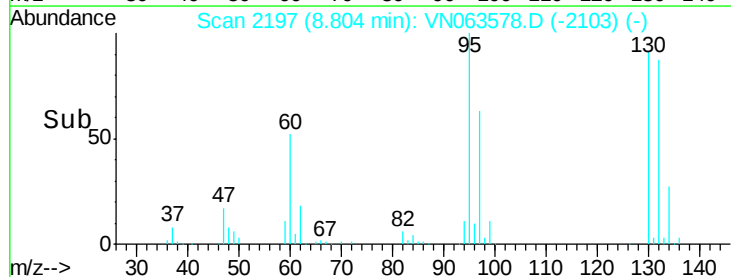
130 100

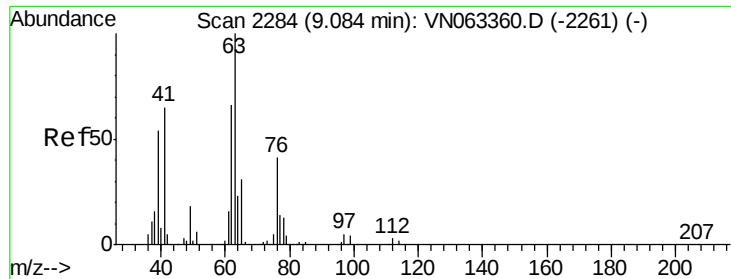
95 110.0 0.0 217.4



Abundance Ion 129.80 (129.50 to 130.50): VN063360.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN063360.D (-2179) (-)





#45

1,2-Dichloropropane

Concen: 48.129 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN063578.D

Acq: 23 Sep 2020 10:28

Instrument :

MSVOA_N

ClientSampleId :

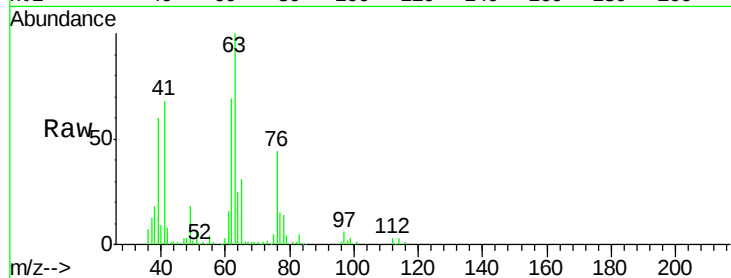
VSTDCCC050EC

Tgt Ion: 63 Resp: 171507

Ion Ratio Lower Upper

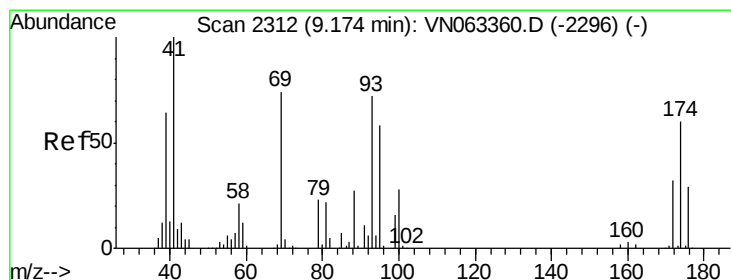
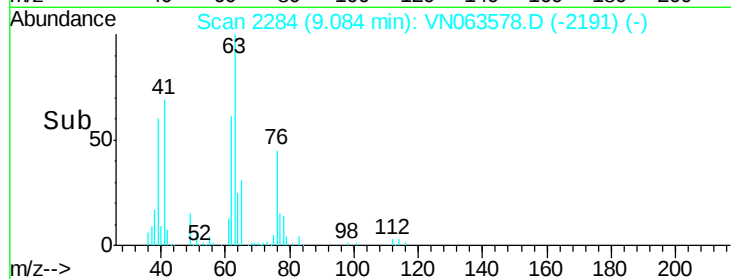
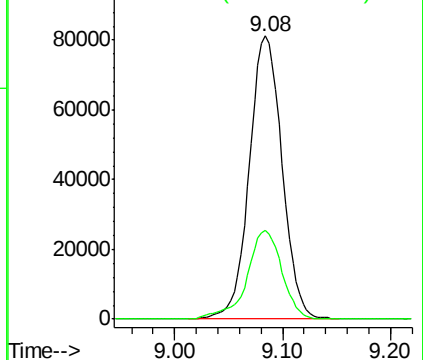
63 100

65 31.3 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 49.542 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN063578.D

Acq: 23 Sep 2020 10:28

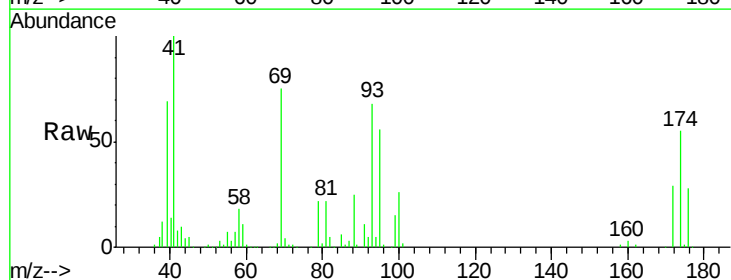
Tgt Ion: 93 Resp: 116033

Ion Ratio Lower Upper

93 100

95 81.5 65.6 98.4

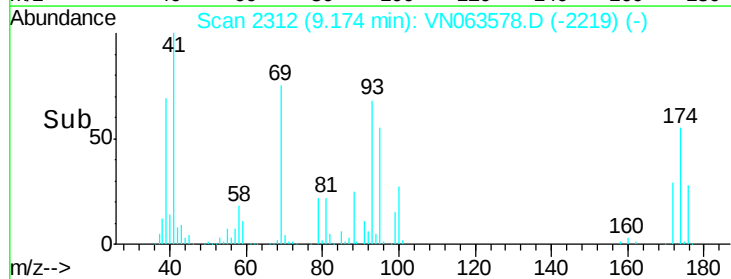
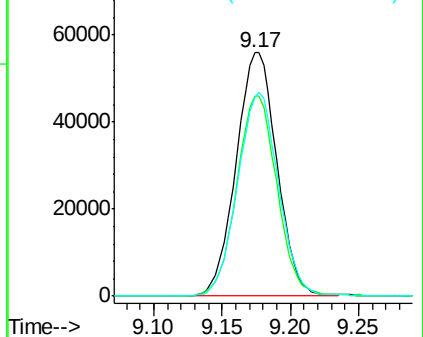
174 83.9 68.1 102.1

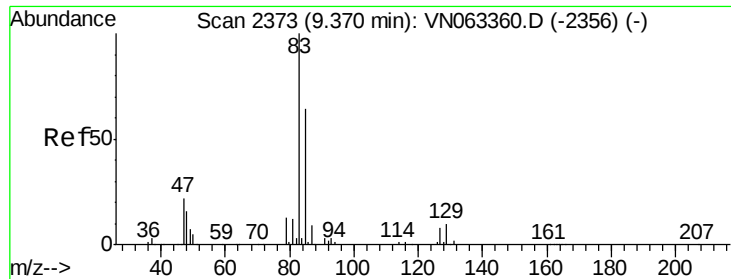


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

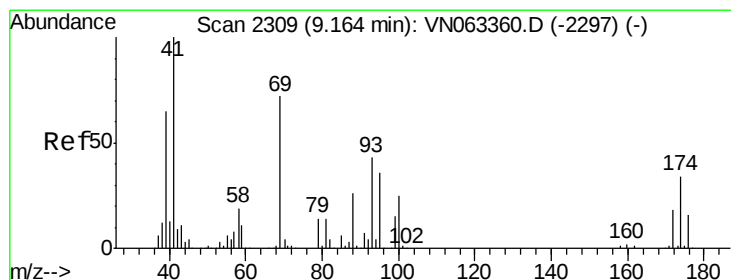
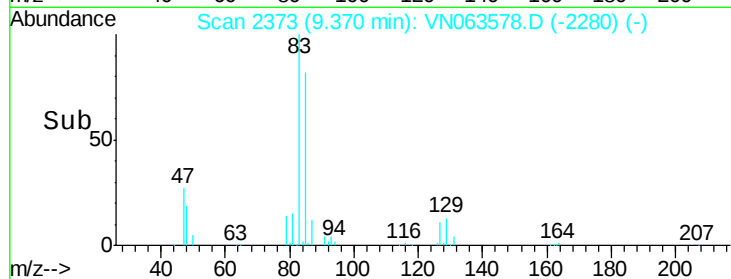
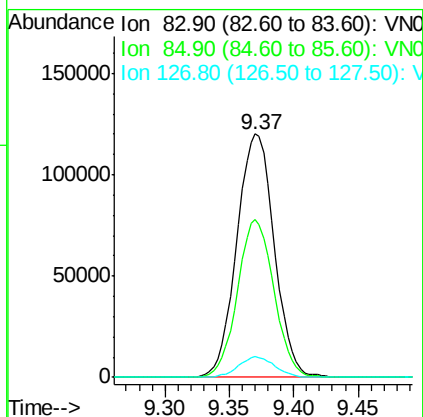
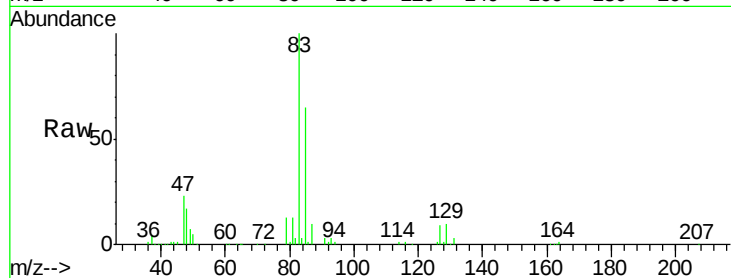




#47
Bromodichloromethane
Concen: 49.870 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN063578.D
Acq: 23 Sep 2020 10:28

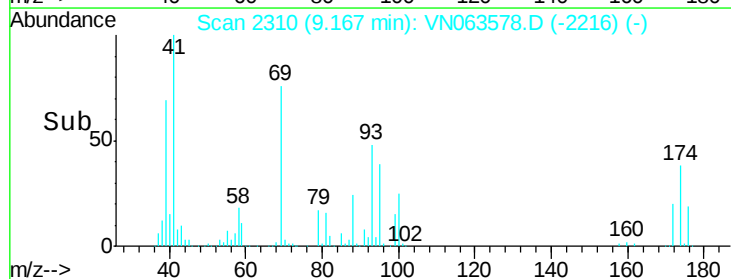
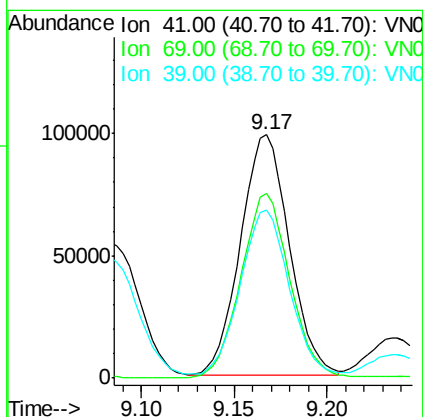
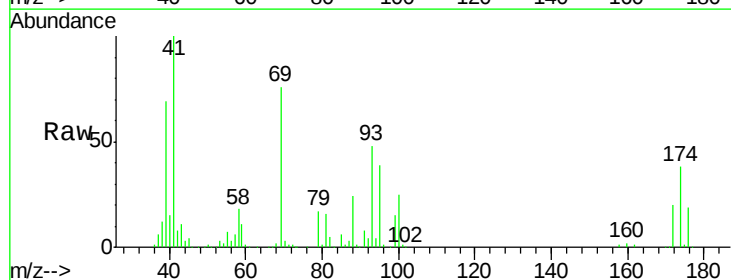
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

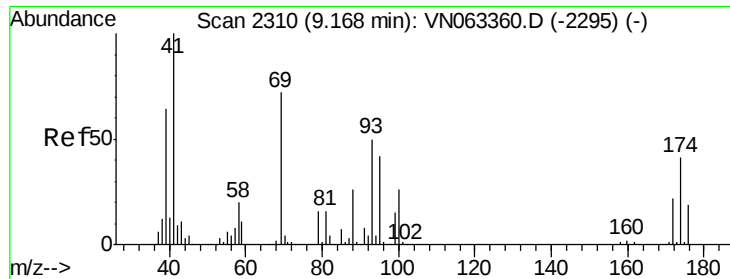
Tgt Ion: 83 Resp: 242654
Ion Ratio Lower Upper
83 100
85 65.1 51.0 76.6
127 8.6 6.3 9.5



#48
Methyl methacrylate
Concen: 45.809 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN063578.D
Acq: 23 Sep 2020 10:28

Tgt Ion: 41 Resp: 181031
Ion Ratio Lower Upper
41 100
69 77.0 59.3 88.9
39 71.0 52.9 79.3





#49

1,4-Dioxane

Concen: 865.133 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN063578.D

Acq: 23 Sep 2020 10:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

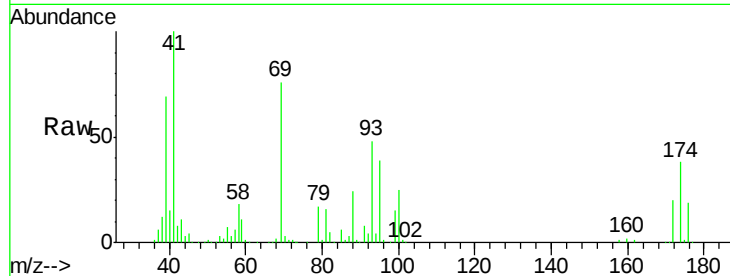
Tgt Ion: 88 Resp: 49063

Ion Ratio Lower Upper

88 100

43 39.1 32.6 49.0

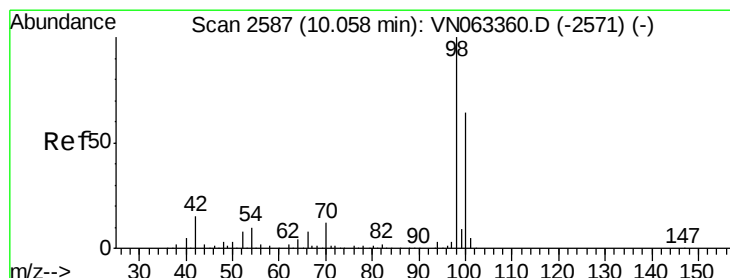
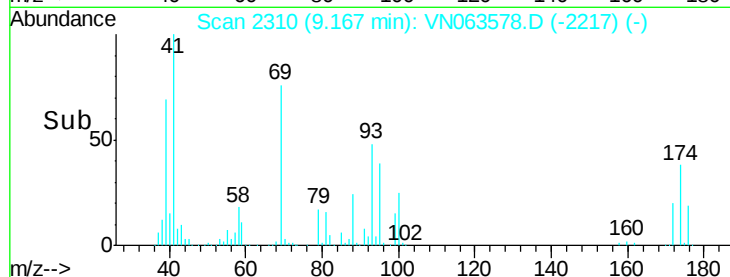
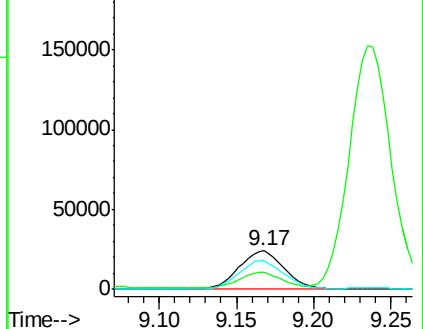
58 75.0 60.0 90.0



Abundance Ion 88.00 (87.70 to 88.70): VN063360.D (-2295) (-)

Ion 43.00 (42.70 to 43.70): VN063360.D (-2295) (-)

Ion 58.00 (57.70 to 58.70): VN063360.D (-2295) (-)



#50

Toluene-d8

Concen: 48.625 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063578.D

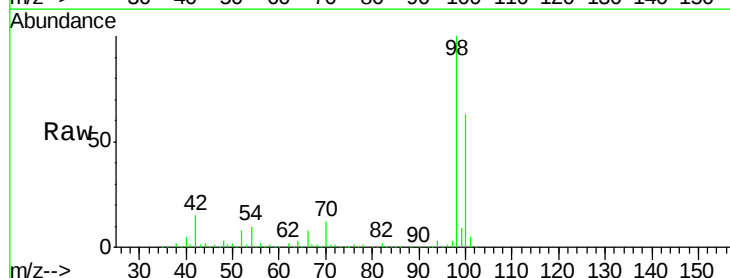
Acq: 23 Sep 2020 10:28

Tgt Ion: 98 Resp: 544554

Ion Ratio Lower Upper

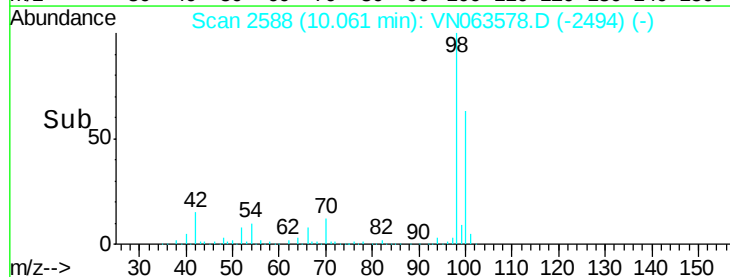
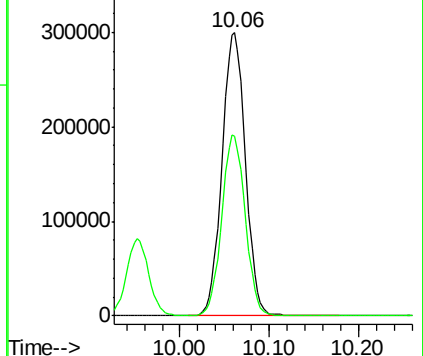
98 100

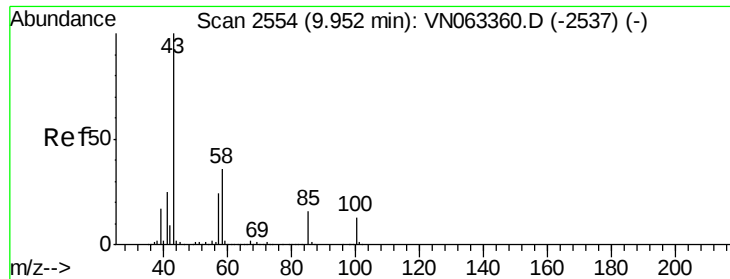
100 63.7 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN063360.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN063360.D (-2571) (-)

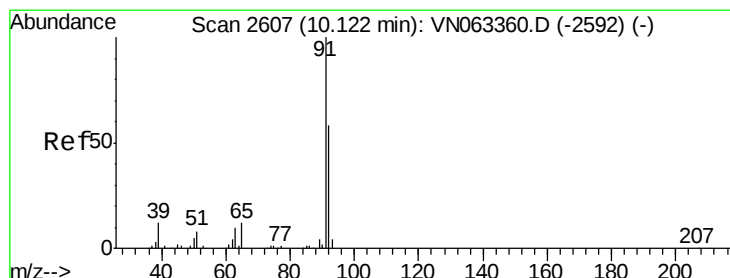
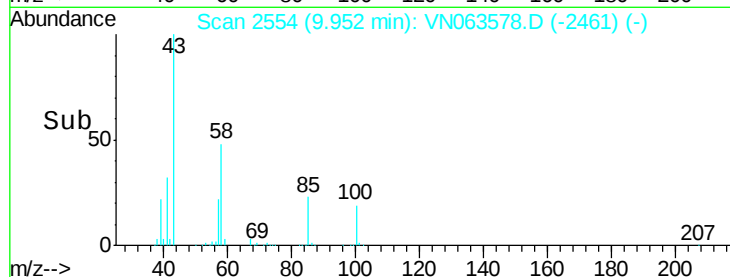
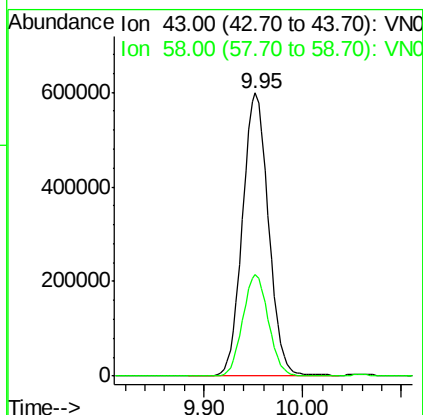
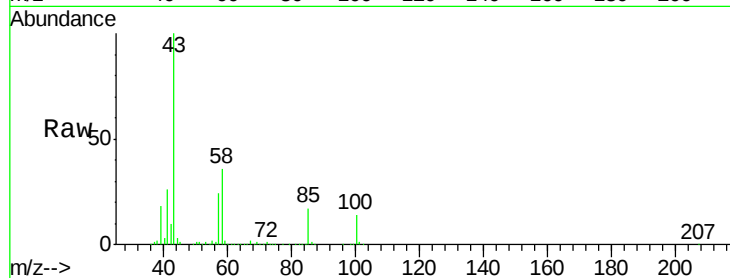




#51
 4-Methyl-2-Pentanone
 Concen: 241.522 ug/l
 RT: 9.95 min Scan# 2554
 Delta R.T. -0.00 min
 Lab File: VN063578.D
 Acq: 23 Sep 2020 10:28

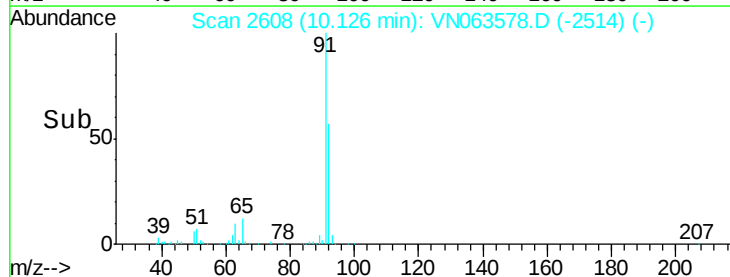
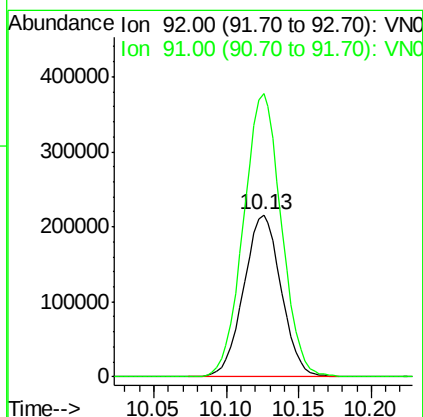
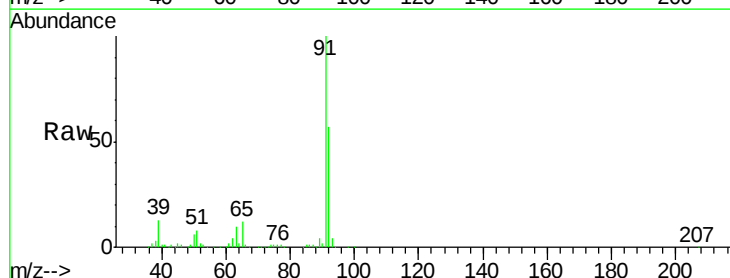
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

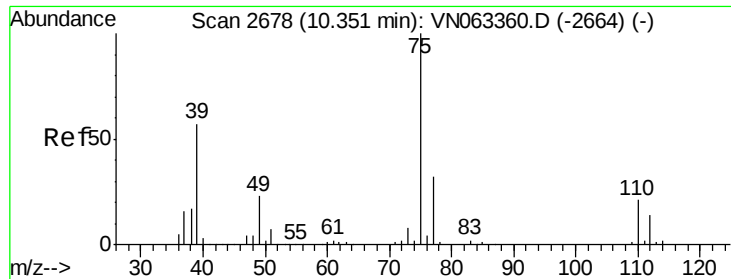
Tgt Ion: 43 Resp: 1087587
 Ion Ratio Lower Upper
 43 100
 58 35.6 29.0 43.6



#52
 Toluene
 Concen: 49.440 ug/l
 RT: 10.13 min Scan# 2608
 Delta R.T. 0.00 min
 Lab File: VN063578.D
 Acq: 23 Sep 2020 10:28

Tgt Ion: 92 Resp: 388913
 Ion Ratio Lower Upper
 92 100
 91 176.2 139.7 209.5

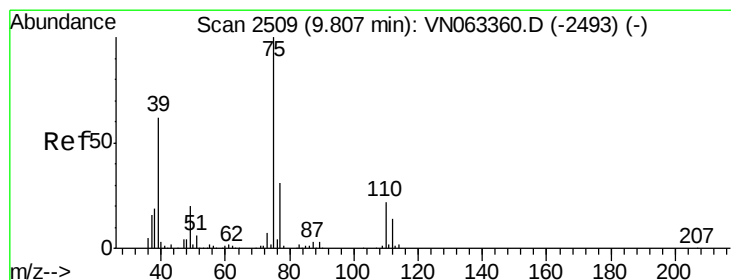
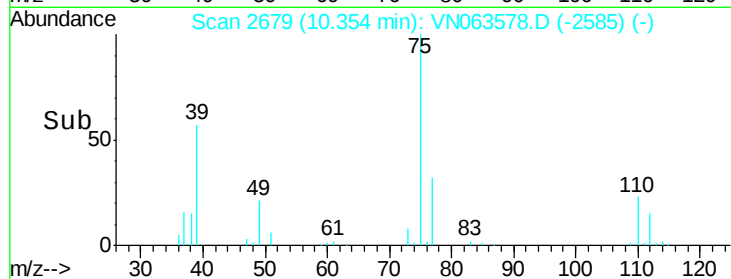
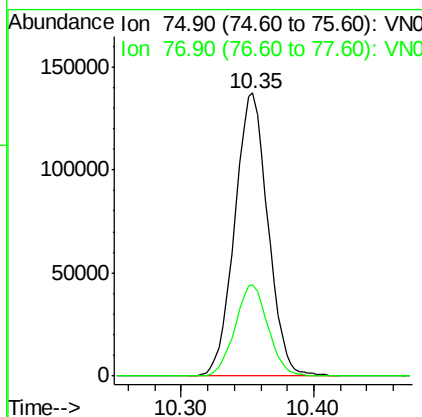
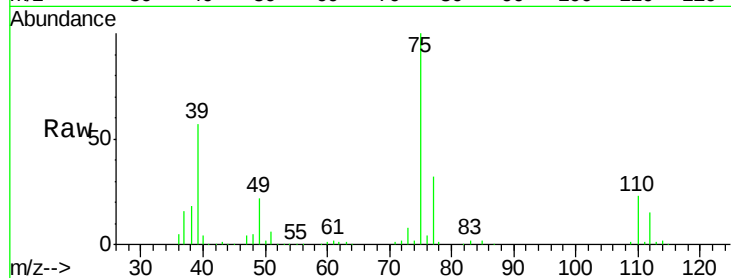




#53
 t-1,3-Dichloropropene
 Concen: 43.961 ug/l
 RT: 10.35 min Scan# 2679
 Delta R.T. 0.00 min
 Lab File: VN063578.D
 Acq: 23 Sep 2020 10:28

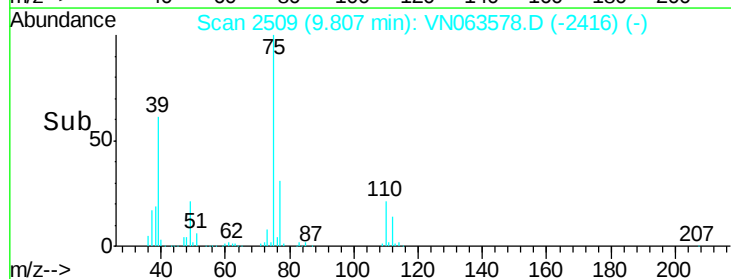
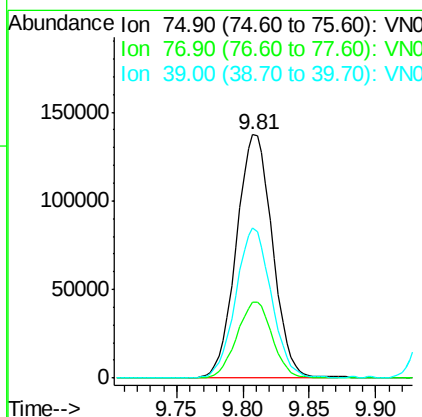
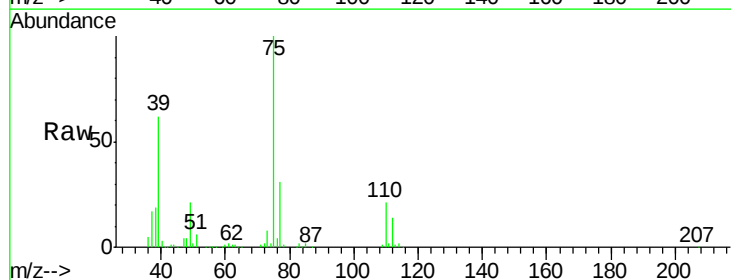
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

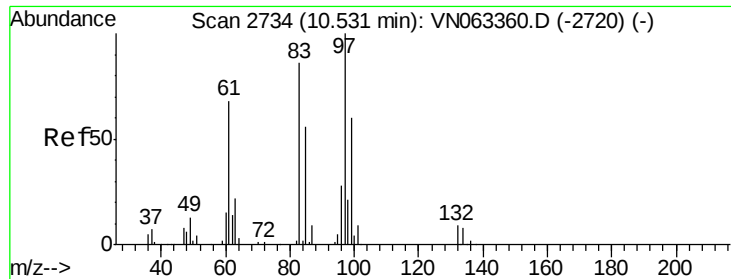
Tgt Ion: 75 Resp: 238798
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 45.362 ug/l
 RT: 9.81 min Scan# 2509
 Delta R.T. -0.00 min
 Lab File: VN063578.D
 Acq: 23 Sep 2020 10:28

Tgt Ion: 75 Resp: 259910
 Ion Ratio Lower Upper
 75 100
 77 31.0 24.6 37.0
 39 61.4 49.8 74.8





#55

1,1,2-Trichloroethane

Concen: 49.840 ug/l

RT: 10.53 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN063578.D

Acq: 23 Sep 2020 10:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 155730

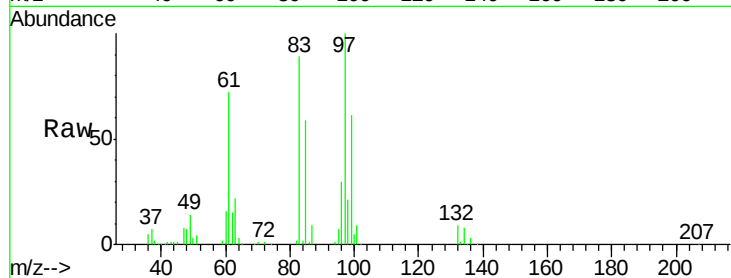
Ion Ratio Lower Upper

97 100

83 89.4 68.9 103.3

85 59.3 44.8 67.2

99 61.4 47.8 71.8

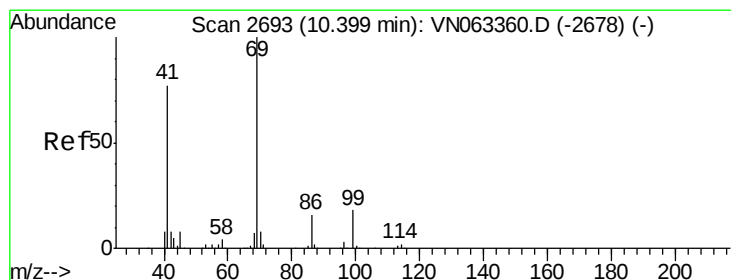
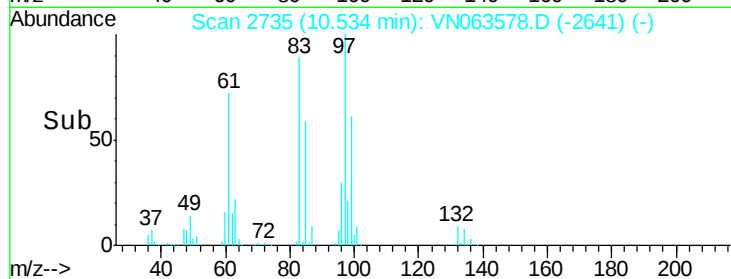
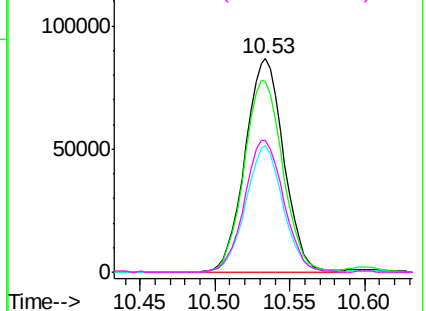


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 47.888 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. -0.00 min

Lab File: VN063578.D

Acq: 23 Sep 2020 10:28

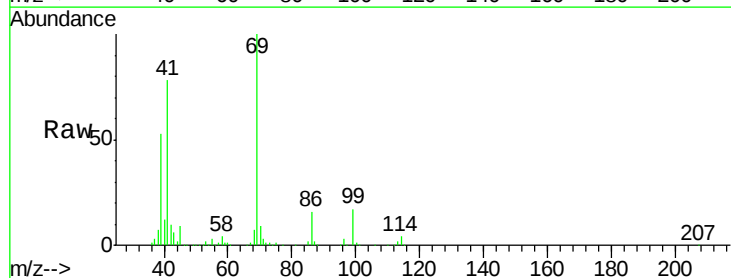
Tgt Ion: 69 Resp: 233592

Ion Ratio Lower Upper

69 100

41 76.0 61.0 91.6

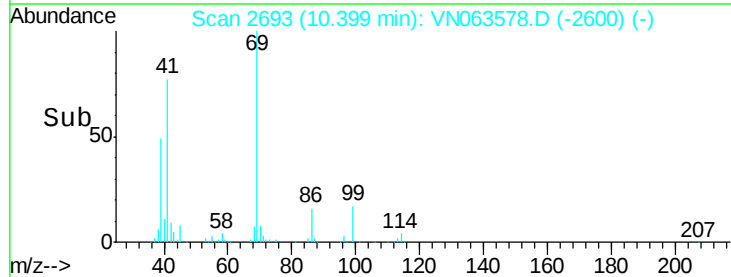
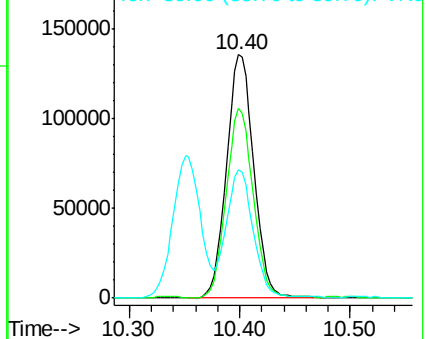
39 51.4 39.2 58.8

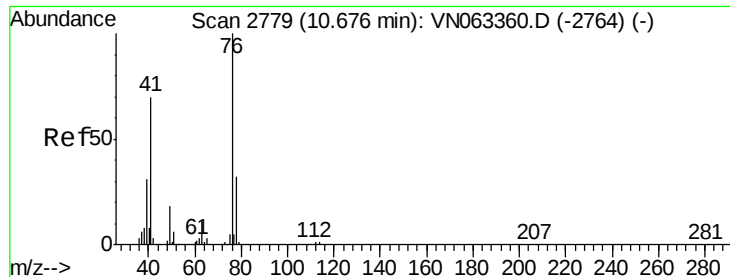


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

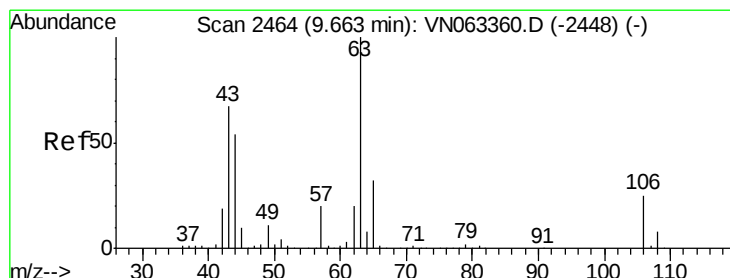
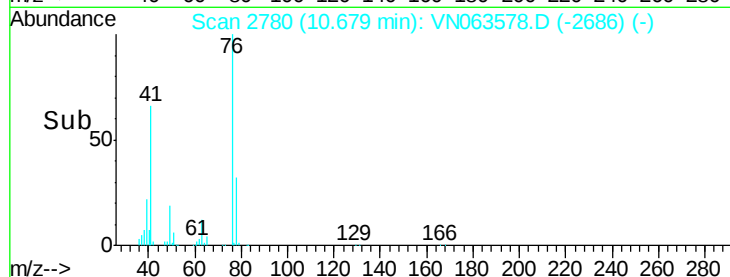
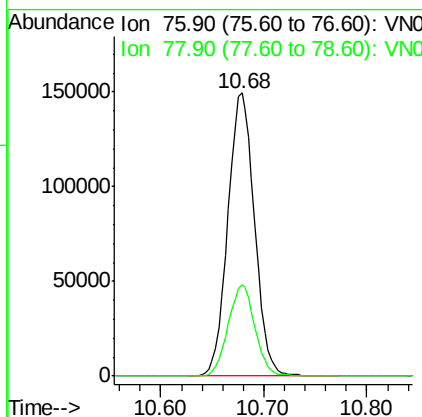
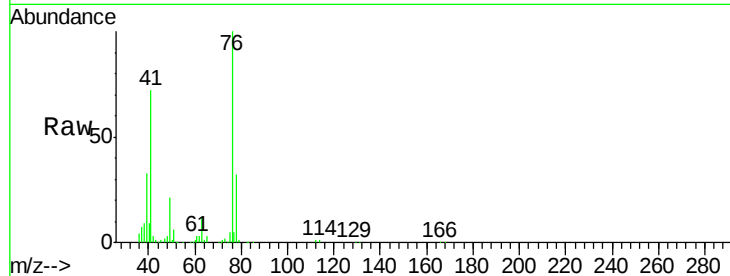




#57
 1,3-Dichloropropane
 Concen: 47.809 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN063578.D
 Acq: 23 Sep 2020 10:28

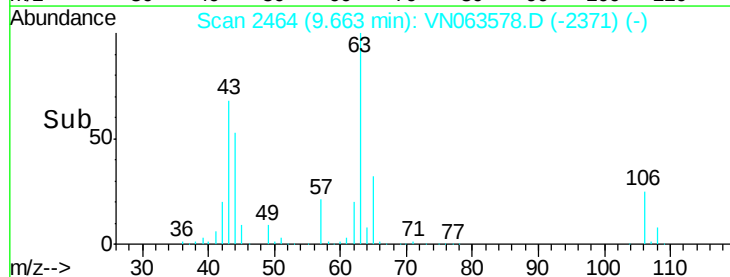
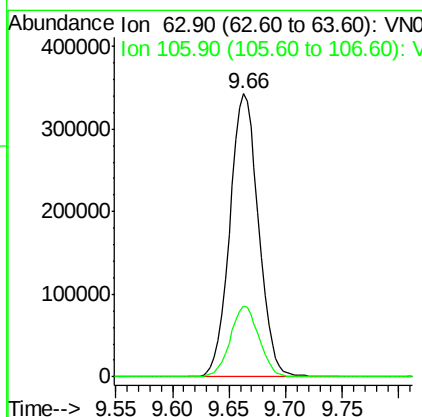
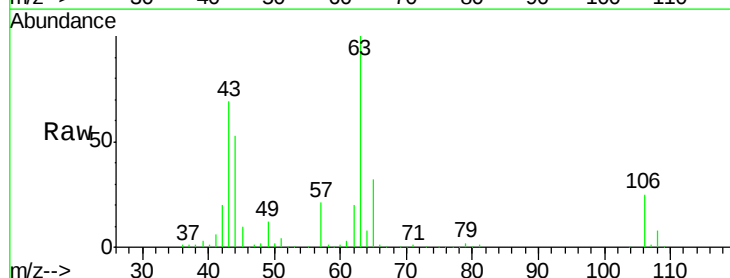
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

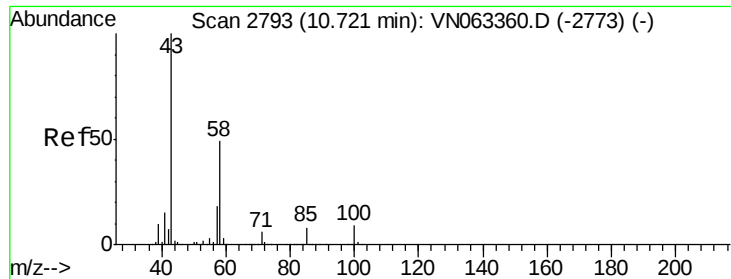
Tgt Ion: 76 Resp: 269389
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 236.872 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: VN063578.D
 Acq: 23 Sep 2020 10:28

Tgt Ion: 63 Resp: 606113
 Ion Ratio Lower Upper
 63 100
 106 25.0 19.5 29.3

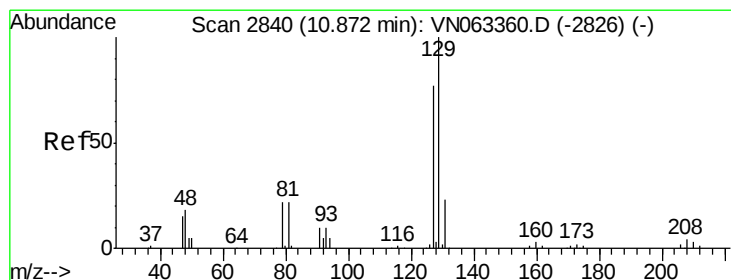
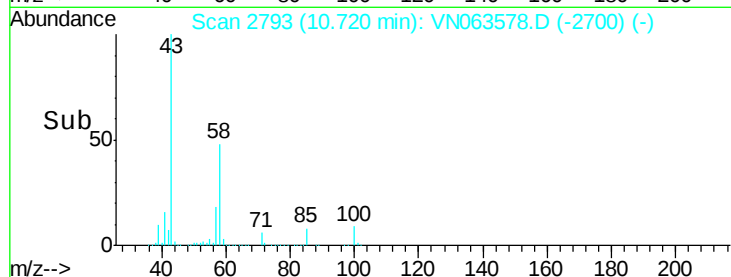
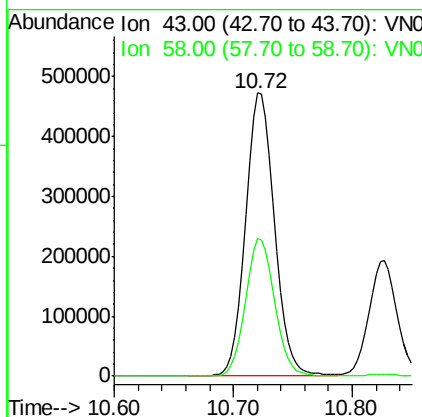
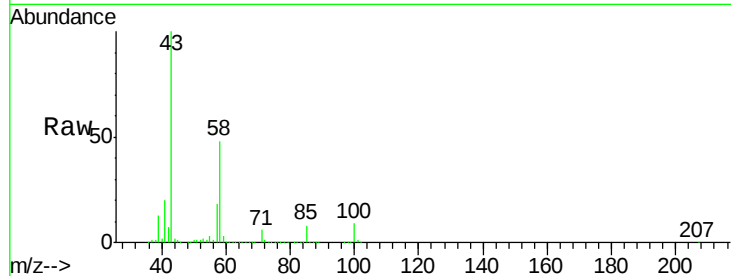




#59
2-Hexanone
Concen: 244.235 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN063578.D
Acq: 23 Sep 2020 10:28

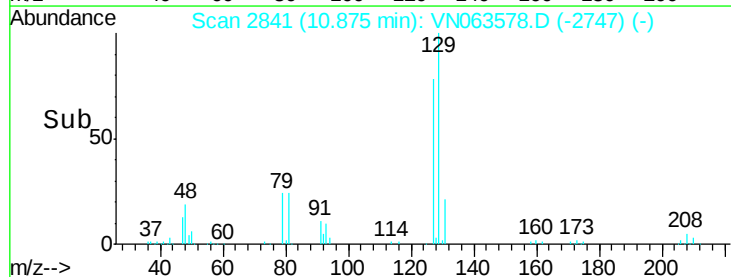
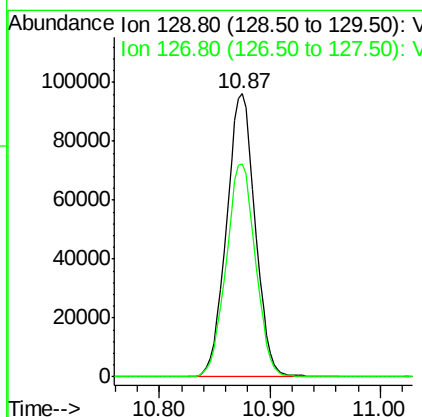
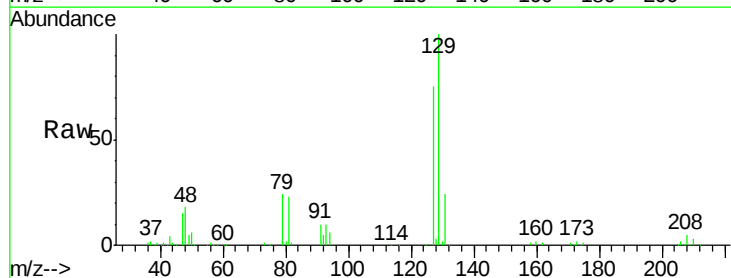
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

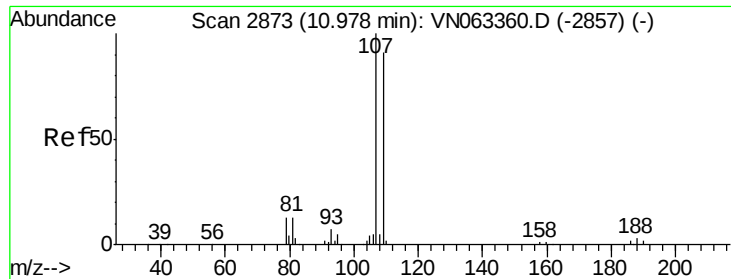
Tgt Ion: 43 Resp: 796779
Ion Ratio Lower Upper
43 100
58 48.9 24.7 74.1



#60
Dibromochloromethane
Concen: 49.185 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063578.D
Acq: 23 Sep 2020 10:28

Tgt Ion: 129 Resp: 173621
Ion Ratio Lower Upper
129 100
127 76.9 39.1 117.3

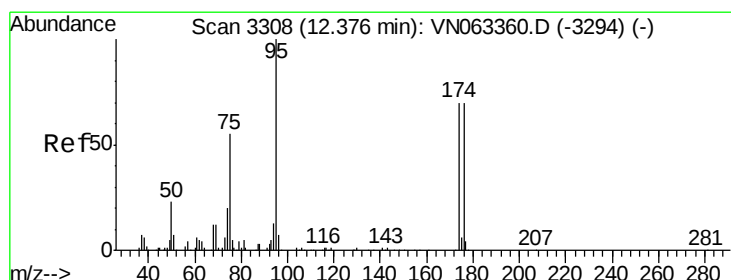
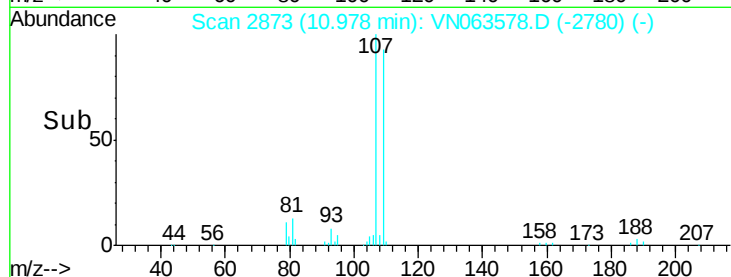
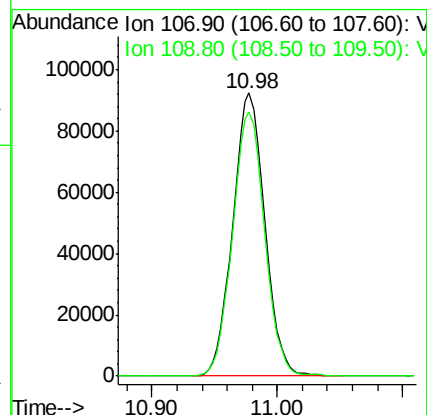
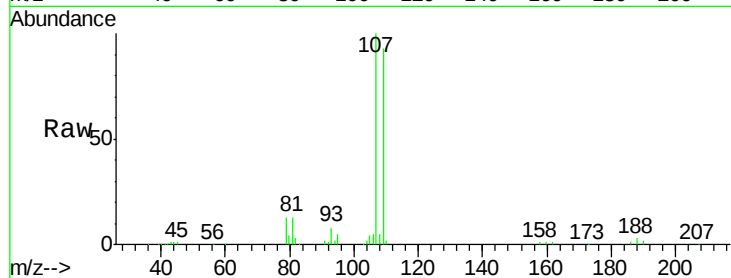




#61
 1,2-Dibromoethane
 Concen: 50.413 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: VN063578.D
 Acq: 23 Sep 2020 10:28

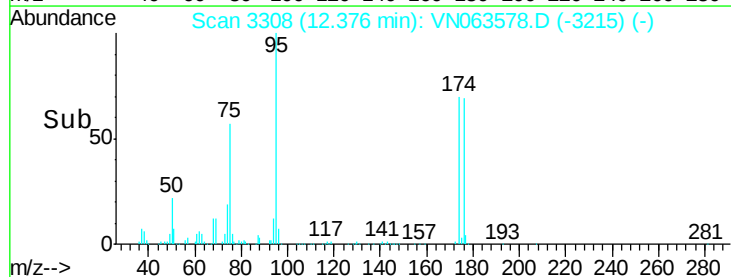
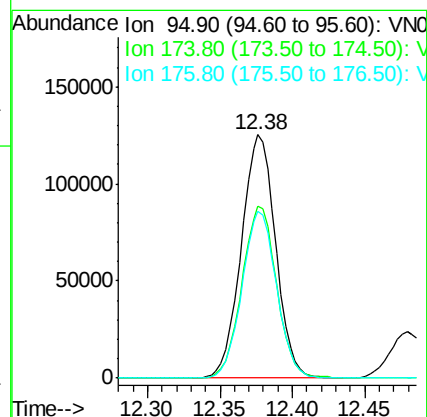
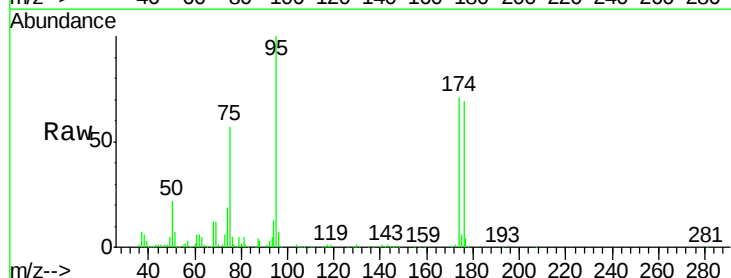
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

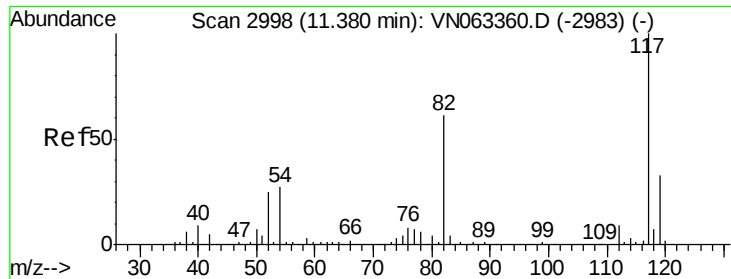
Tgt Ion: 107 Resp: 163651
 Ion Ratio Lower Upper
 107 100
 109 93.7 74.6 111.8



#62
 4-Bromofluorobenzene
 Concen: 50.155 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN063578.D
 Acq: 23 Sep 2020 10:28

Tgt Ion: 95 Resp: 205903
 Ion Ratio Lower Upper
 95 100
 174 71.4 0.0 140.8
 176 69.0 0.0 137.6

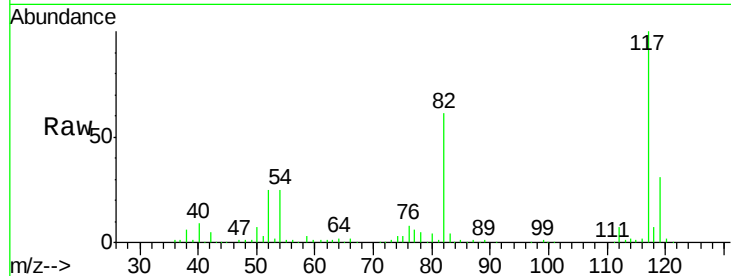




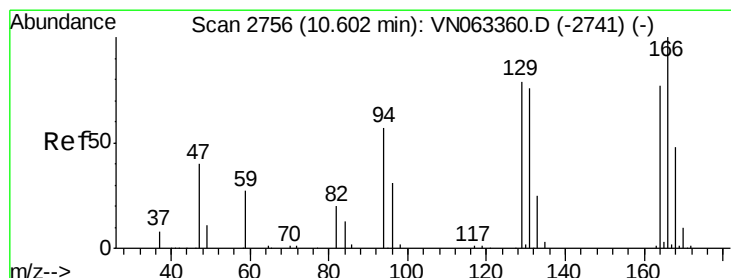
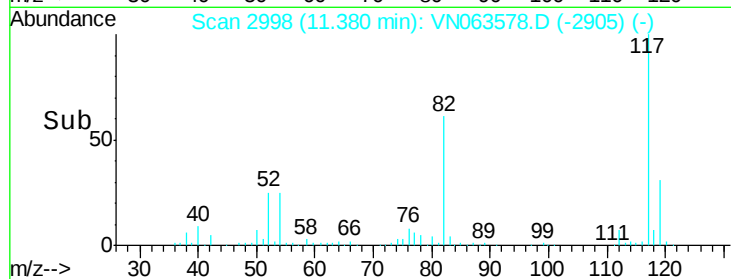
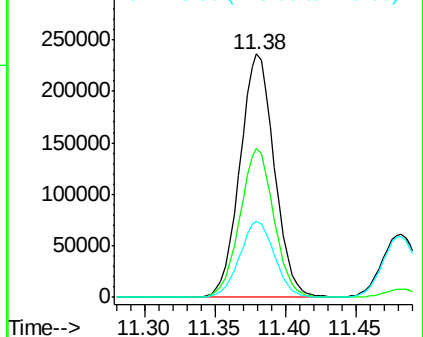
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063578.D
Acq: 23 Sep 2020 10:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 403944
Ion Ratio Lower Upper
117 100
82 61.0 49.2 73.8
119 31.2 26.2 39.4



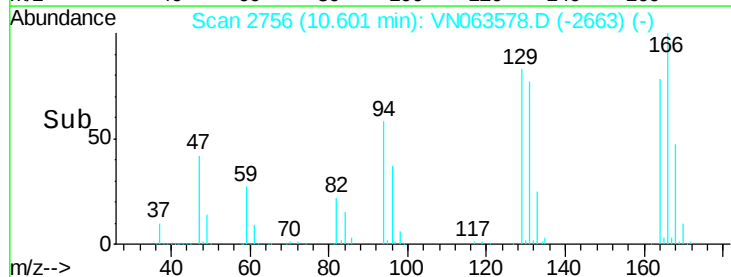
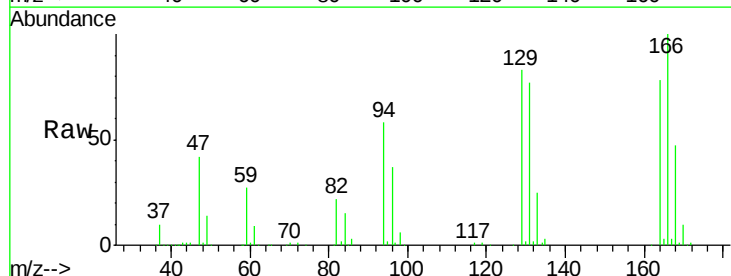
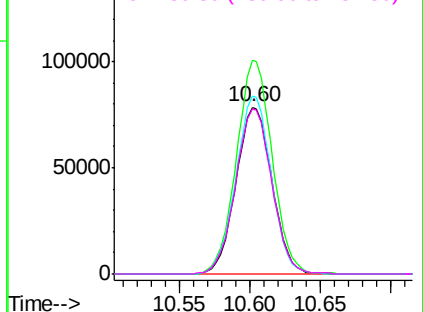
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

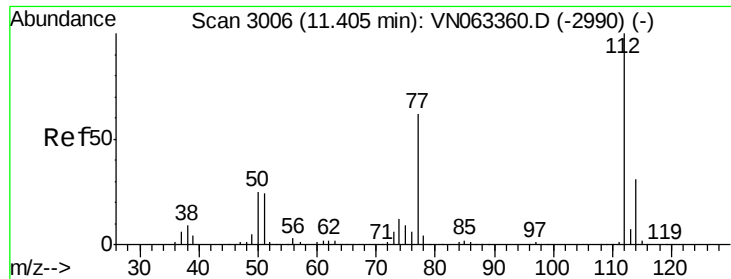


#64
Tetrachloroethene
Concen: 51.041 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063578.D
Acq: 23 Sep 2020 10:28

Tgt Ion:164 Resp: 140391
Ion Ratio Lower Upper
164 100
166 128.0 103.4 155.0
129 106.5 81.8 122.6
131 98.6 78.2 117.4

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

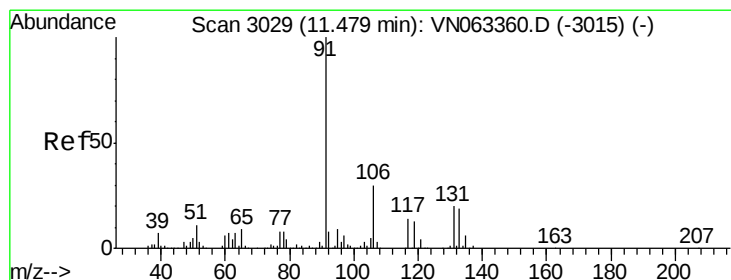
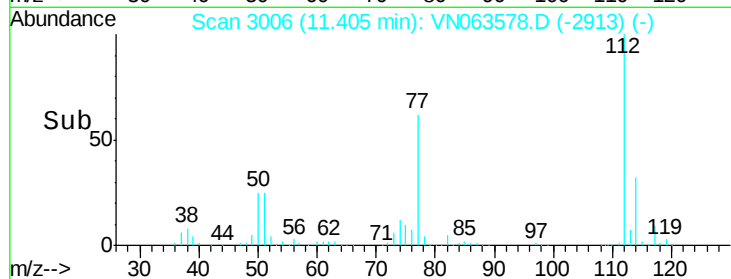
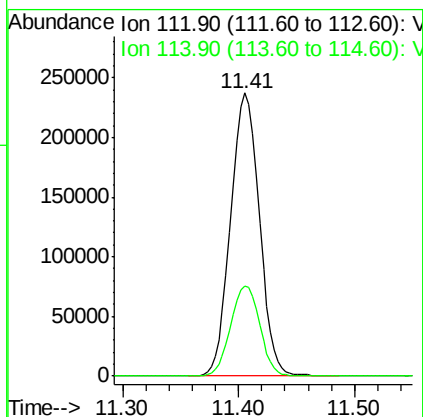
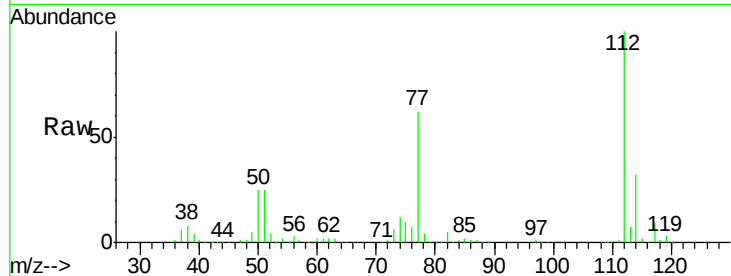




#65
Chlorobenzene
Concen: 47.376 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063578.D
Acq: 23 Sep 2020 10:28

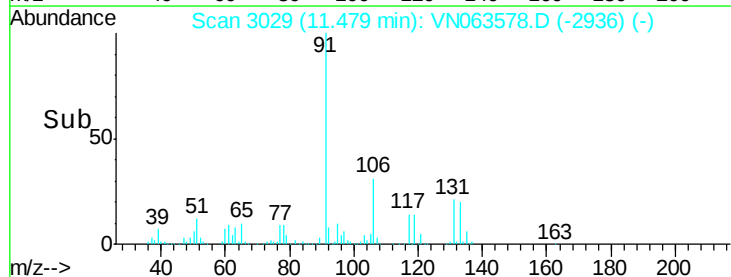
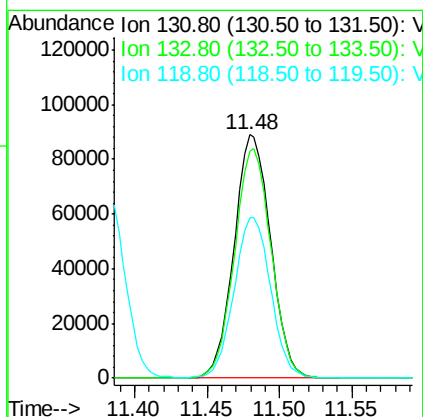
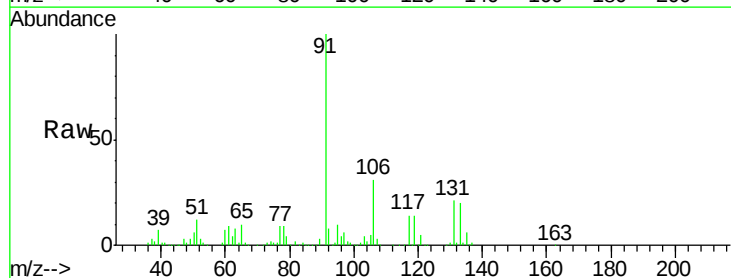
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

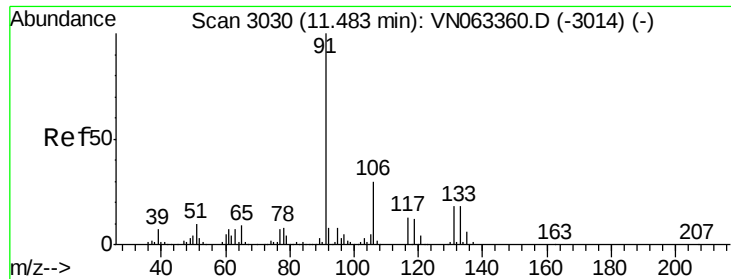
Tgt Ion:112 Resp: 406227
Ion Ratio Lower Upper
112 100
114 31.8 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 49.677 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN063578.D
Acq: 23 Sep 2020 10:28

Tgt Ion:131 Resp: 156142
Ion Ratio Lower Upper
131 100
133 94.4 47.3 141.9
119 66.0 33.6 100.8





#67

Ethyl Benzene

Concen: 47.418 ug/l

RT: 11.49 min Scan# 3031

Delta R.T. 0.00 min

Lab File: VN063578.D

Acq: 23 Sep 2020 10:28

Instrument :

MSVOA_N

ClientSampleId :

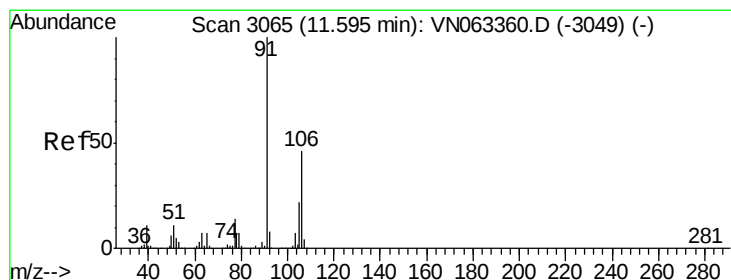
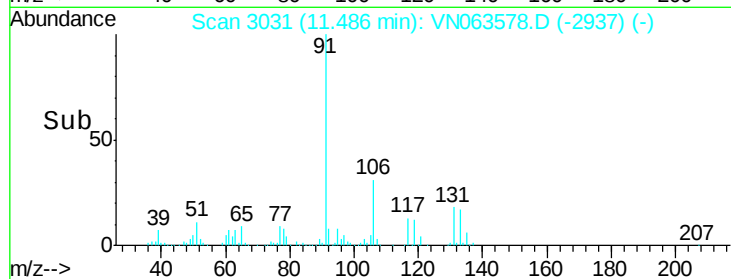
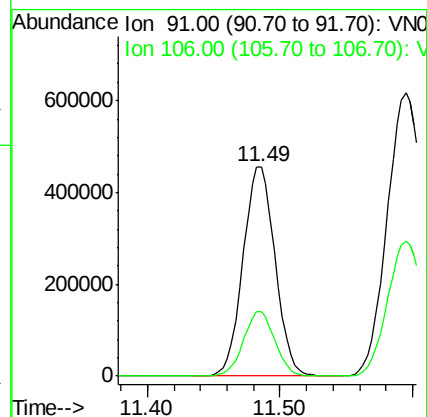
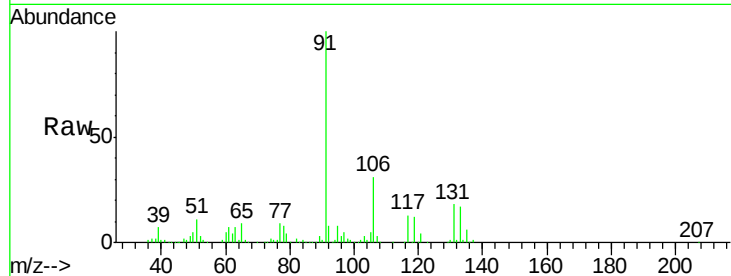
VSTDCCC050EC

Tgt Ion: 91 Resp: 765691

Ion Ratio Lower Upper

91 100

106 30.9 23.8 35.6



#68

m/p-Xylenes

Concen: 96.236 ug/l

RT: 11.59 min Scan# 3065

Delta R.T. -0.00 min

Lab File: VN063578.D

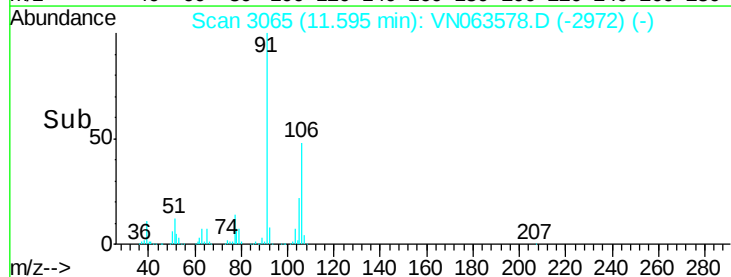
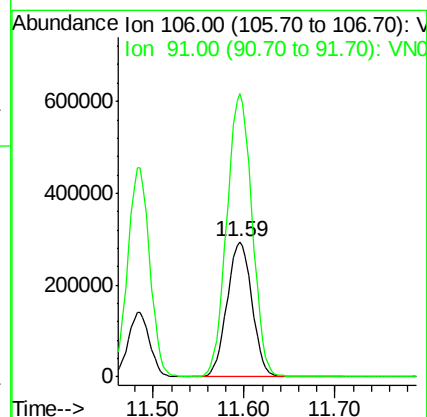
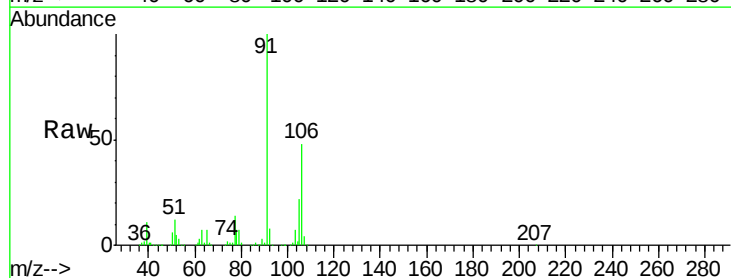
Acq: 23 Sep 2020 10:28

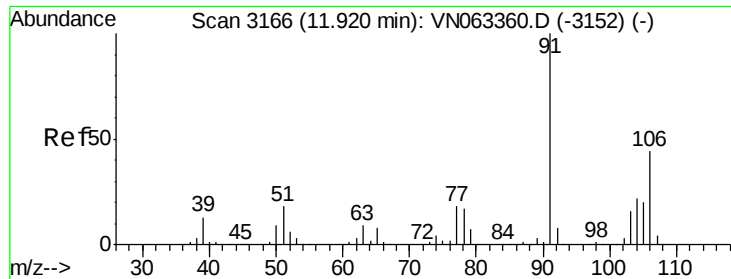
Tgt Ion: 106 Resp: 560289

Ion Ratio Lower Upper

106 100

91 212.4 171.2 256.8

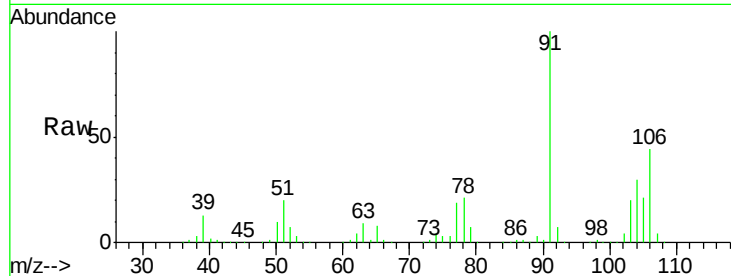




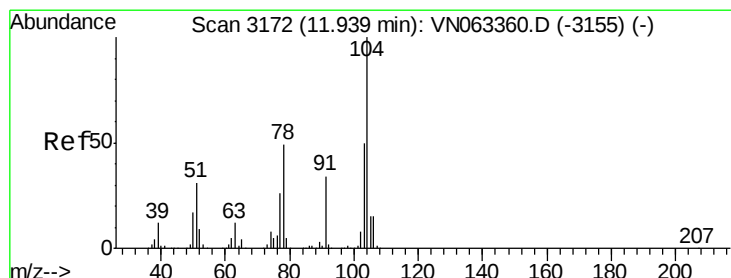
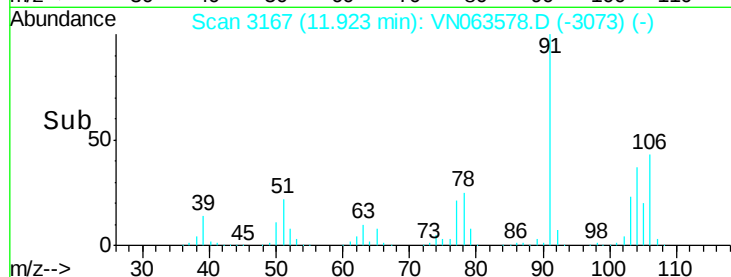
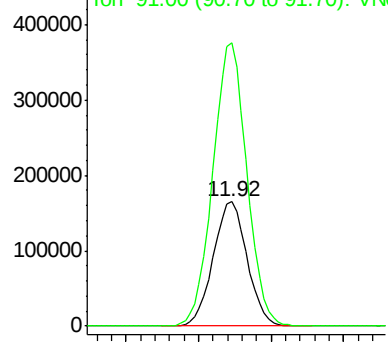
#69
o-Xylene
Concen: 48.613 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063578.D
Acq: 23 Sep 2020 10:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 269612
Ion Ratio Lower Upper
106 100
91 227.2 113.6 340.8

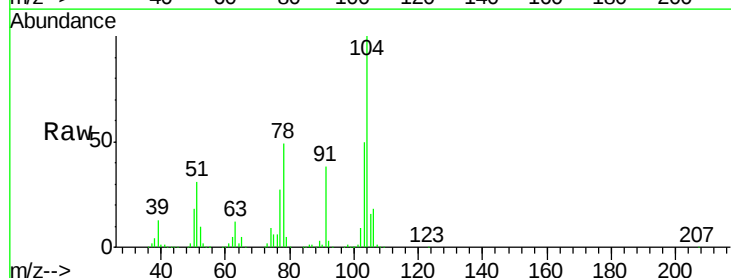


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

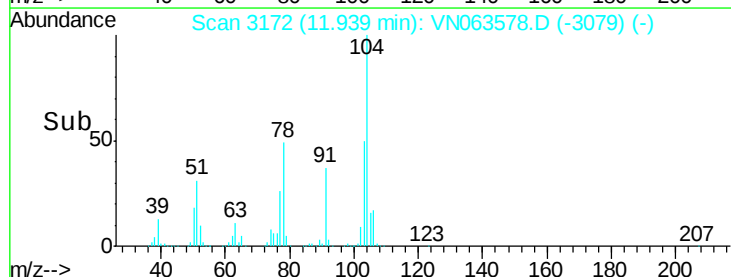
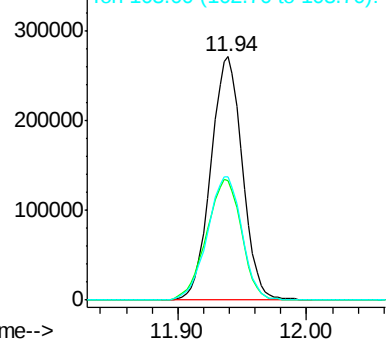


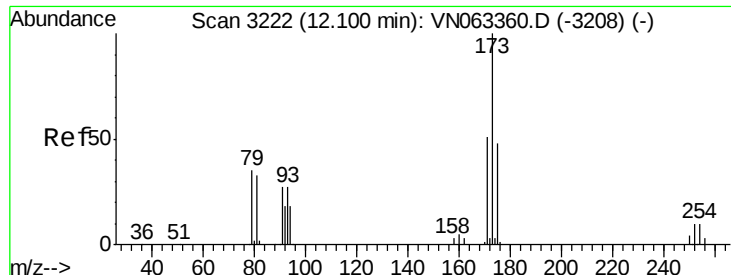
#70
Styrene
Concen: 49.818 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063578.D
Acq: 23 Sep 2020 10:28

Tgt Ion:104 Resp: 463338
Ion Ratio Lower Upper
104 100
78 55.3 44.4 66.6
103 55.4 43.7 65.5



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN0
Ion 103.00 (102.70 to 103.70): V

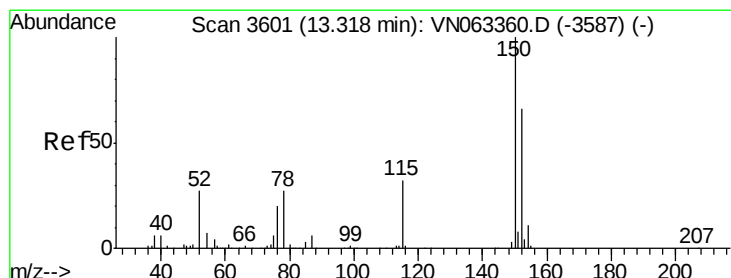
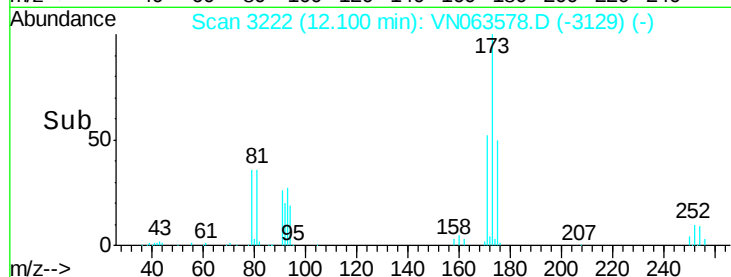
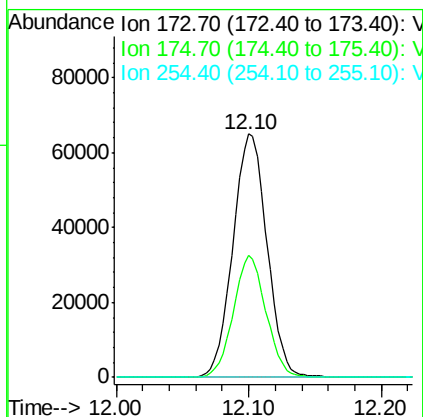
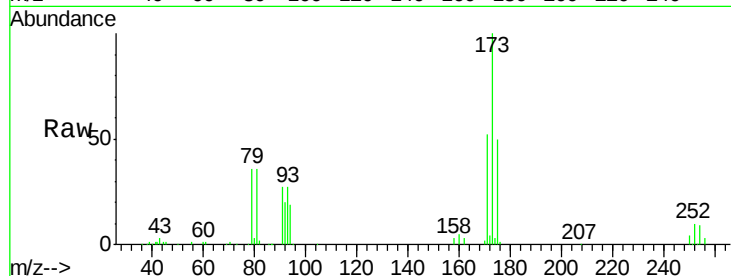




#71
Bromoform
Concen: 49.616 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN063578.D
Acq: 23 Sep 2020 10:28

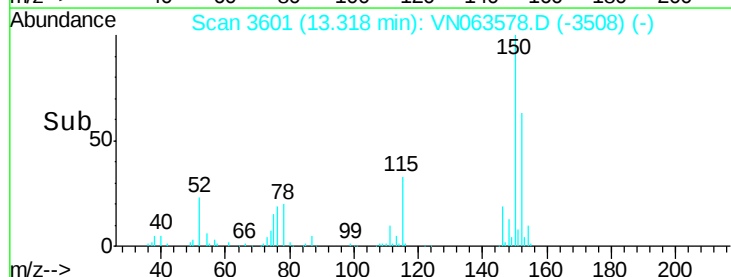
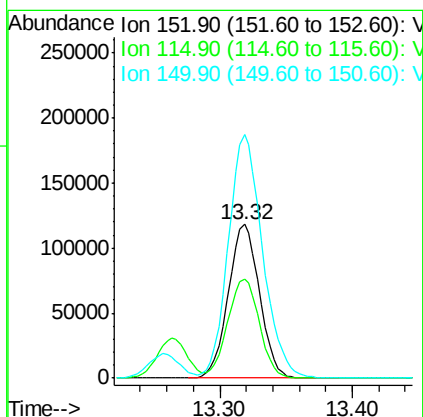
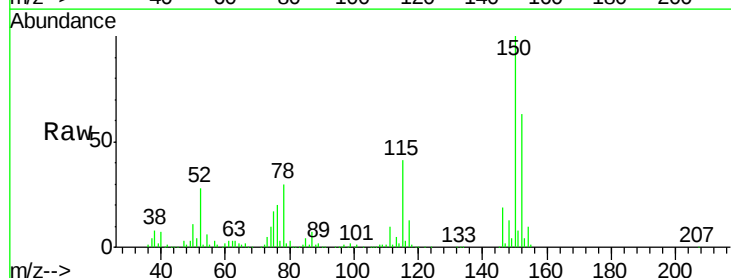
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

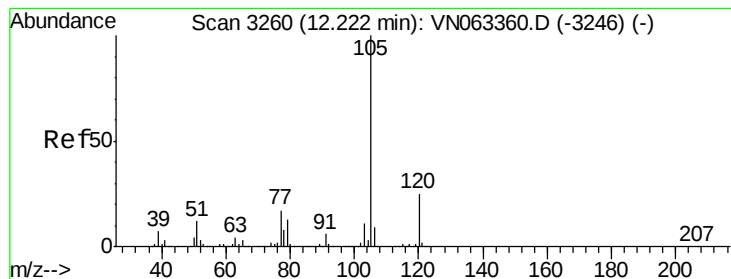
Tgt Ion:173 Resp: 116179
Ion Ratio Lower Upper
173 100
175 47.7 24.0 72.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN063578.D
Acq: 23 Sep 2020 10:28

Tgt Ion:152 Resp: 193477
Ion Ratio Lower Upper
152 100
115 65.3 32.2 96.6
150 173.4 0.0 343.4





#73

Isopropylbenzene

Concen: 47.285 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063578.D

Acq: 23 Sep 2020 10:28

Instrument :

MSVOA_N

ClientSampleId :

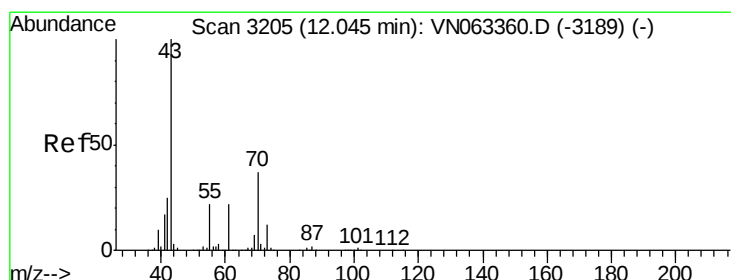
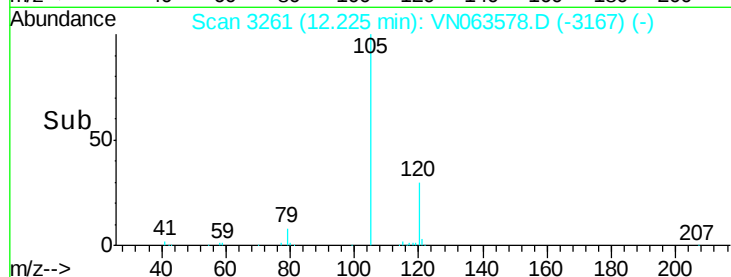
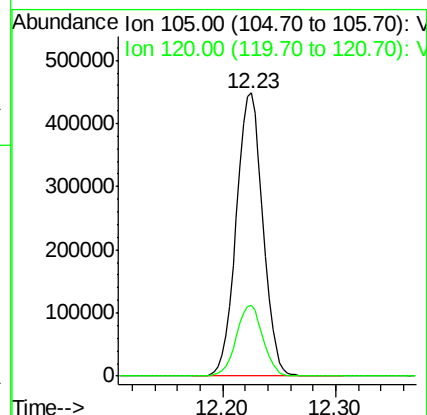
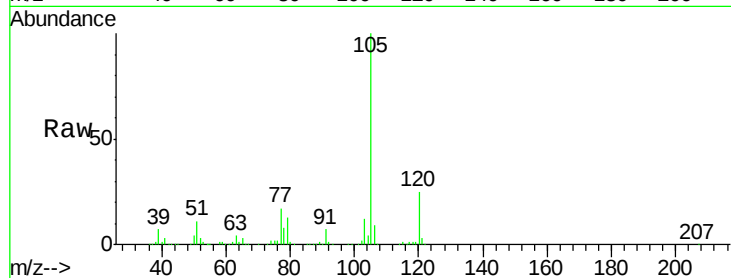
VSTDCCC050EC

Tgt Ion:105 Resp: 733114

Ion Ratio Lower Upper

105 100

120 25.0 12.7 38.0



#74

N-ethyl acetate

Concen: 46.218 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063578.D

Acq: 23 Sep 2020 10:28

Tgt Ion: 43 Resp: 339204

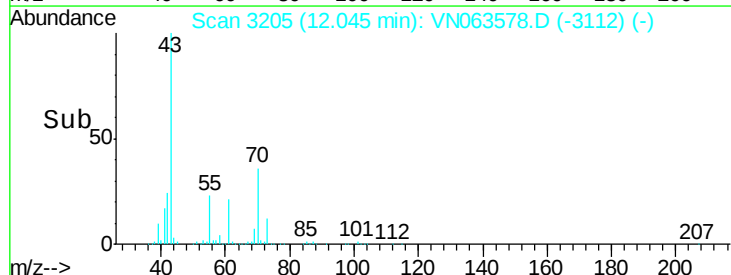
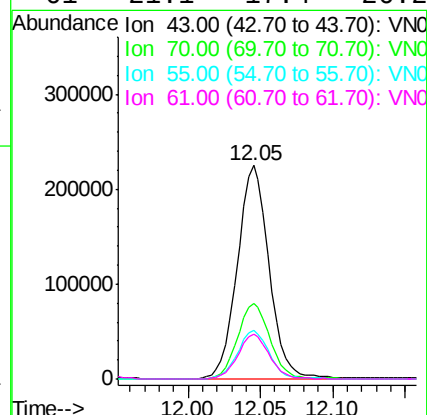
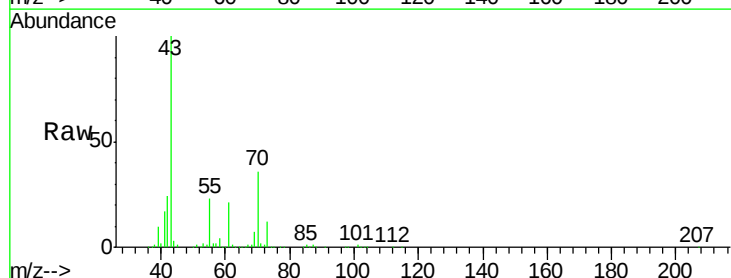
Ion Ratio Lower Upper

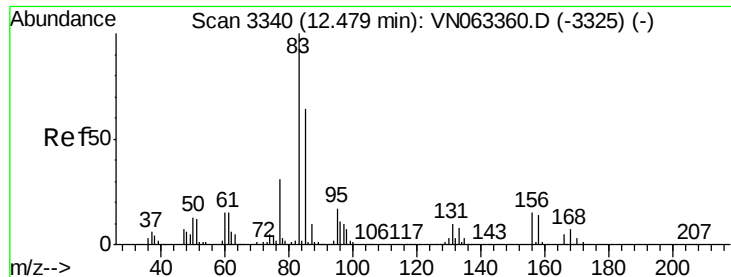
43 100

70 36.8 29.6 44.4

55 23.1 17.7 26.5

61 21.1 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 46.708 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063578.D

Acq: 23 Sep 2020 10:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

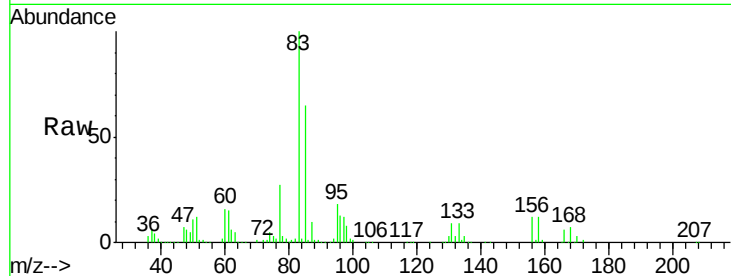
Tgt Ion: 83 Resp: 224227

Ion Ratio Lower Upper

83 100

131 9.6 4.9 14.7

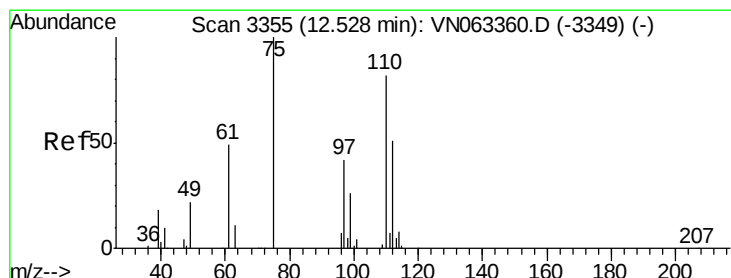
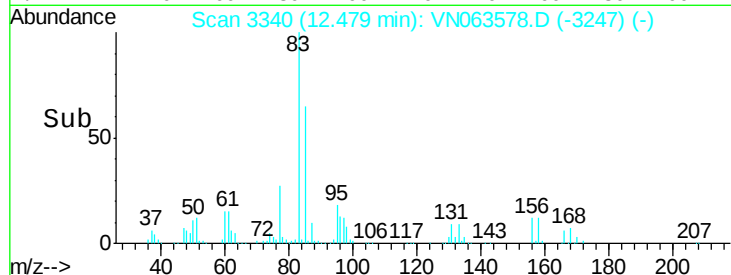
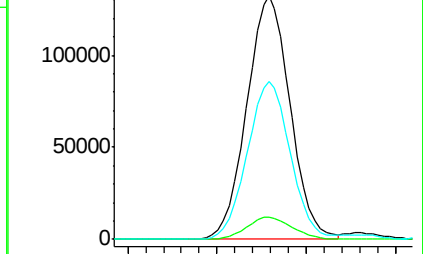
85 64.5 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VN063360.D (-3325) (-)

Ion 130.80 (130.50 to 131.50): VN063360.D (-3325) (-)

Ion 84.90 (84.60 to 85.60): VN063360.D (-3325) (-)



#76

1,2,3-Trichloropropane

Concen: 61.538 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN063578.D

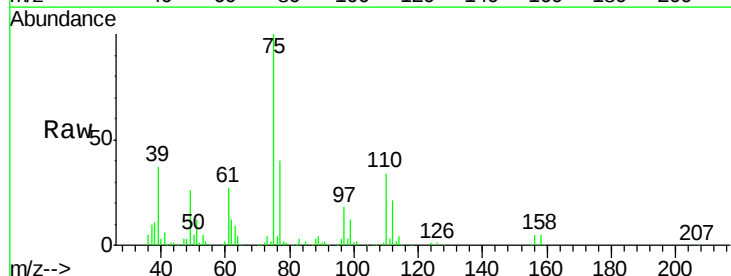
Acq: 23 Sep 2020 10:28

Tgt Ion: 75 Resp: 294696

Ion Ratio Lower Upper

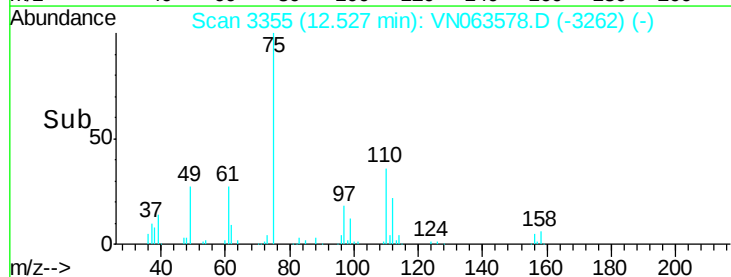
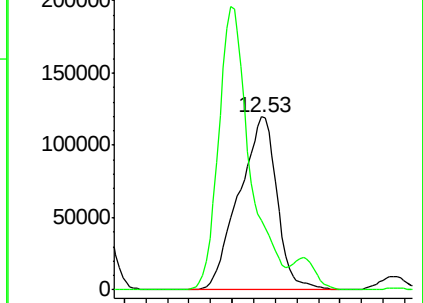
75 100

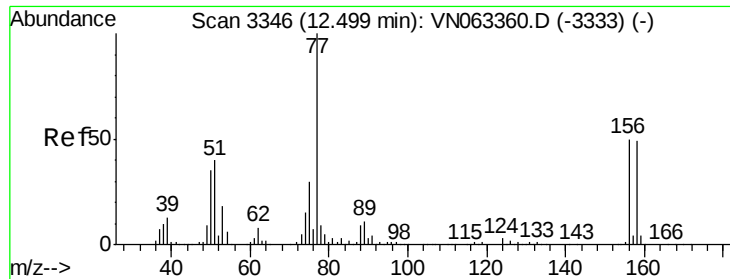
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN063360.D (-3349) (-)

Ion 77.00 (76.70 to 77.70): VN063360.D (-3349) (-)





#77

Bromobenzene

Concen: 48.881 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN063578.D

Acq: 23 Sep 2020 10:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

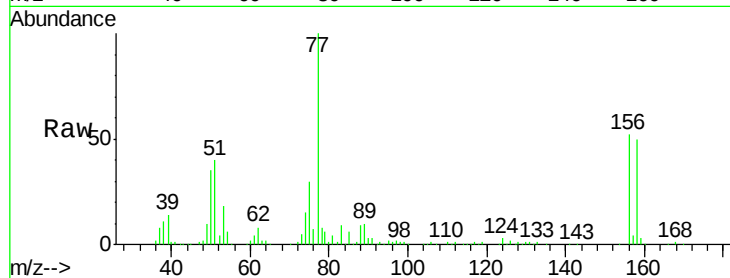
Tgt Ion:156 Resp: 170476

Ion Ratio Lower Upper

156 100

77 232.1 120.2 360.6

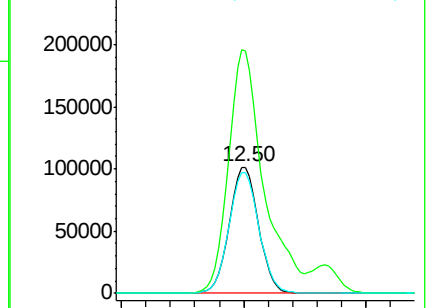
158 98.1 48.9 146.6



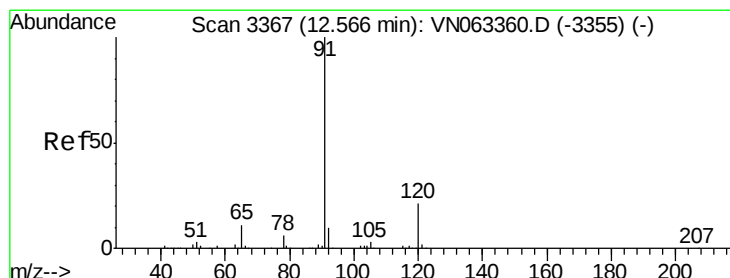
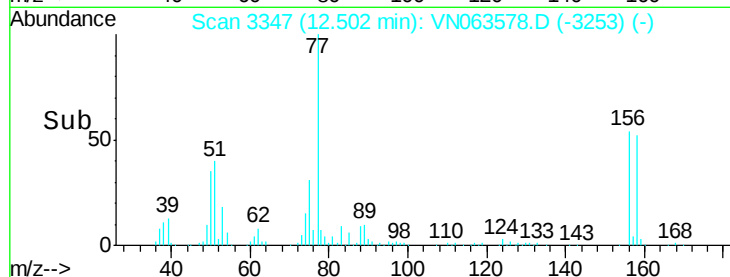
Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



Time--> 12.40 12.50 12.60



#78

n-propylbenzene

Concen: 46.621 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063578.D

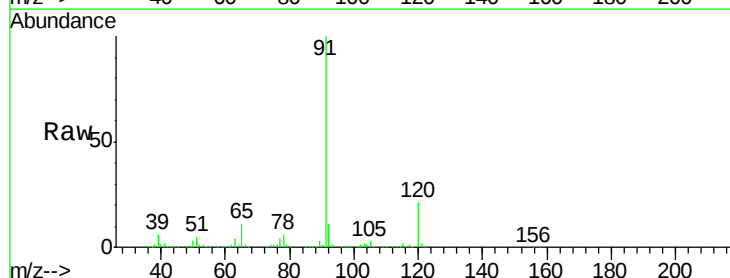
Acq: 23 Sep 2020 10:28

Tgt Ion: 91 Resp: 841873

Ion Ratio Lower Upper

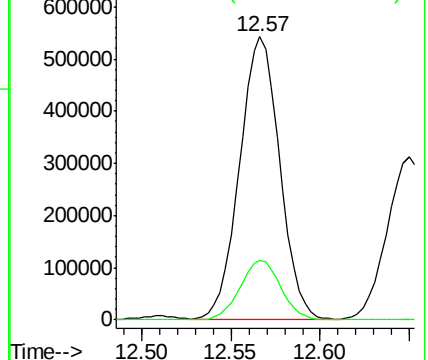
91 100

120 21.5 10.8 32.3

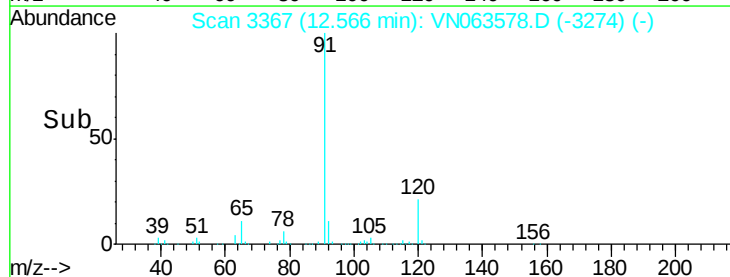


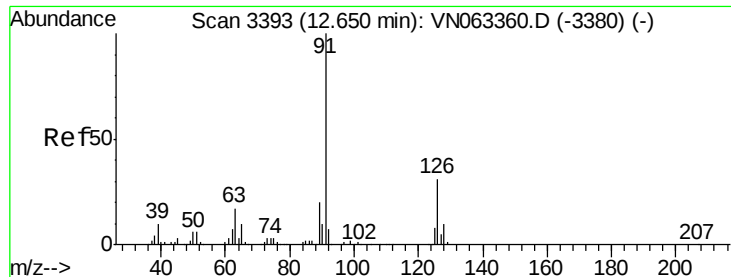
Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



Time--> 12.50 12.55 12.60





#79

2-Chlorotoluene

Concen: 47.357 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. -0.00 min

Lab File: VN063578.D

Acq: 23 Sep 2020 10:28

Instrument :

MSVOA_N

ClientSampleId :

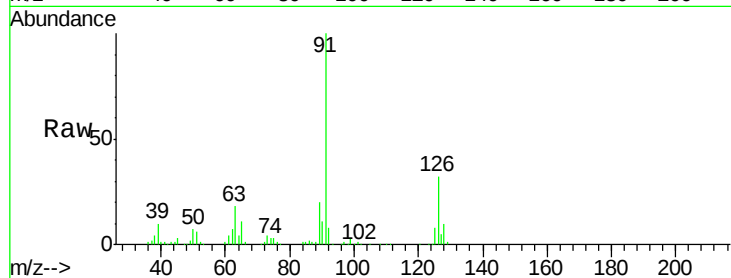
VSTDCCC050EC

Tgt Ion: 91 Resp: 512636

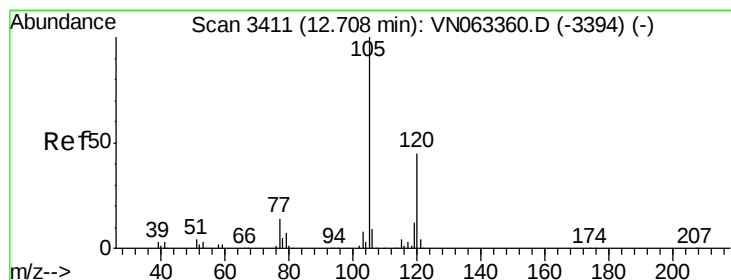
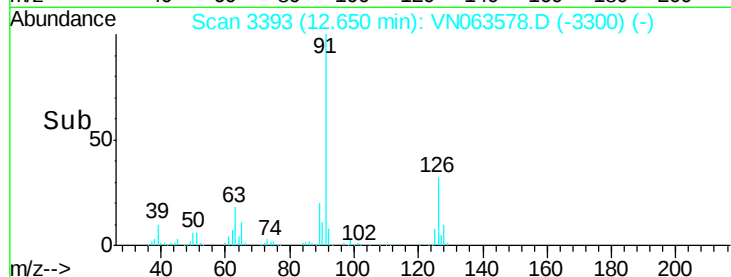
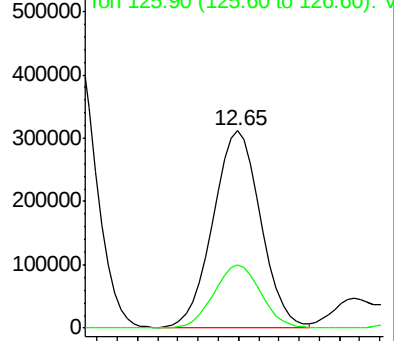
Ion Ratio Lower Upper

91 100

126 31.9 15.8 47.3



Abundance Ion 91.00 (90.70 to 91.70): VN063360.D (-3380) (-)



#80

1,3,5-Trimethylbenzene

Concen: 47.736 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN063578.D

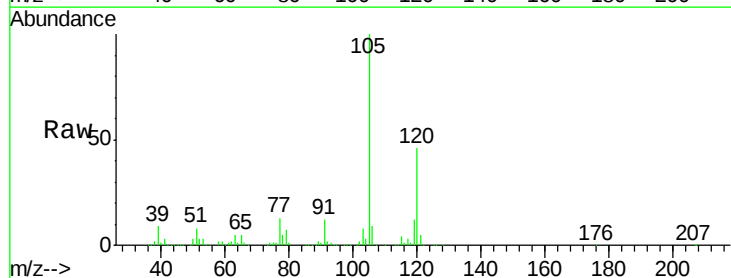
Acq: 23 Sep 2020 10:28

Tgt Ion: 105 Resp: 617159

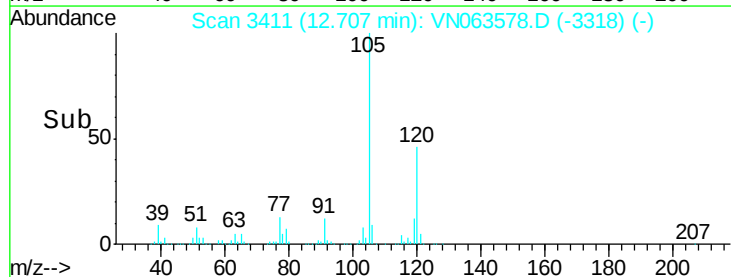
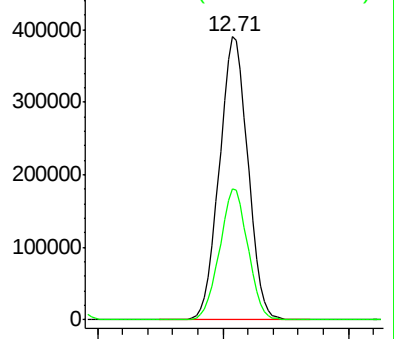
Ion Ratio Lower Upper

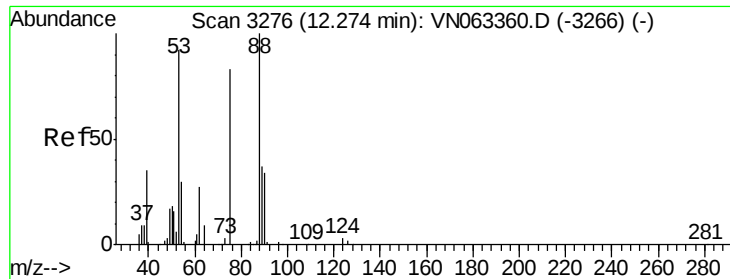
105 100

120 46.1 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): VN063360.D (-3394) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 37.228 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063578.D

Acq: 23 Sep 2020 10:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

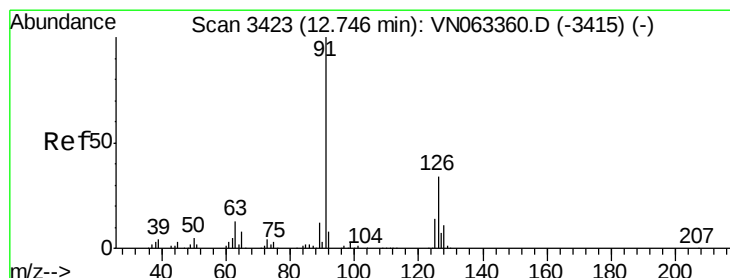
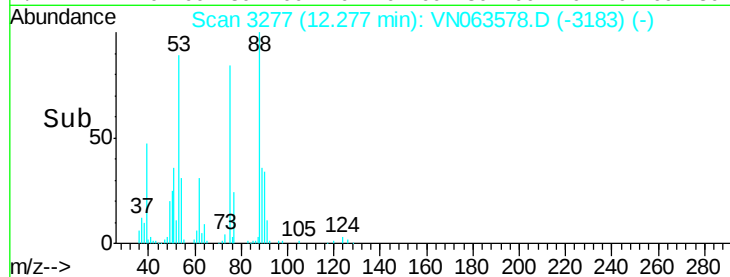
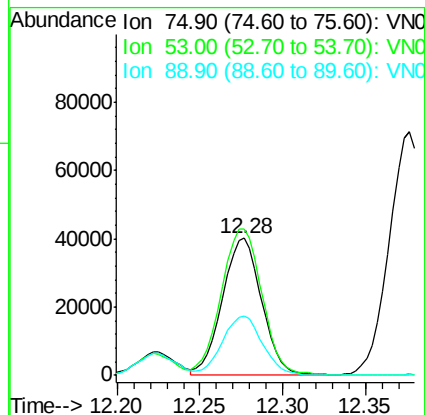
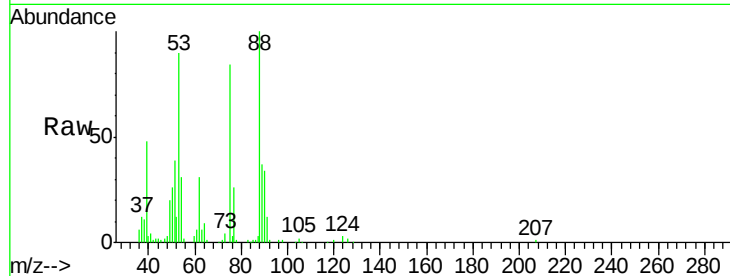
Tgt Ion: 75 Resp: 65027

Ion Ratio Lower Upper

75 100

53 112.0 85.7 128.5

89 45.1 38.0 57.0



#82

4-Chlorotoluene

Concen: 46.801 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN063578.D

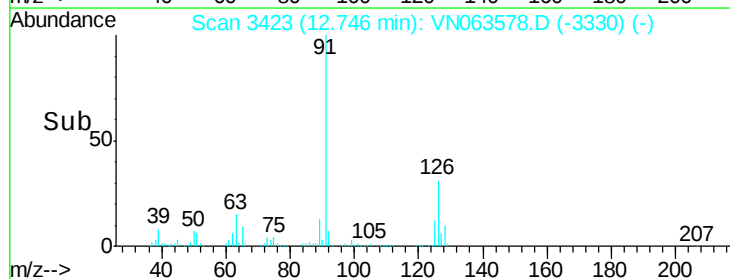
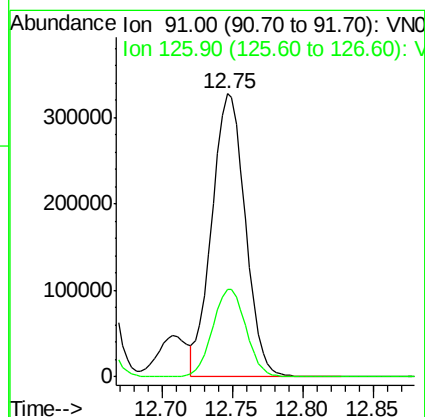
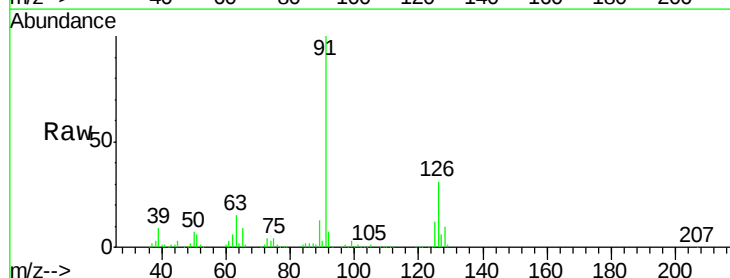
Acq: 23 Sep 2020 10:28

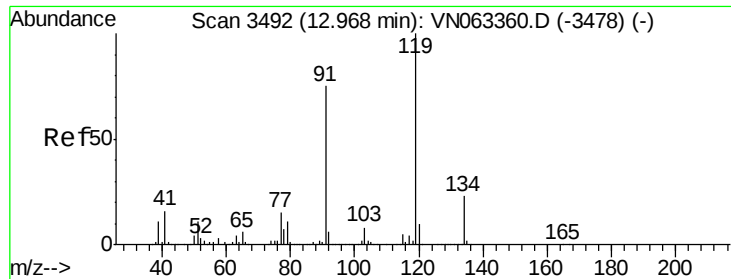
Tgt Ion: 91 Resp: 535278

Ion Ratio Lower Upper

91 100

126 31.1 15.5 46.5

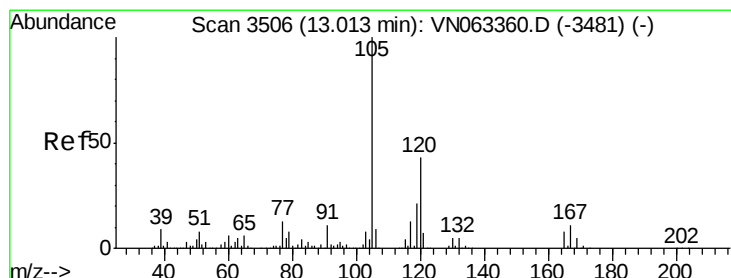
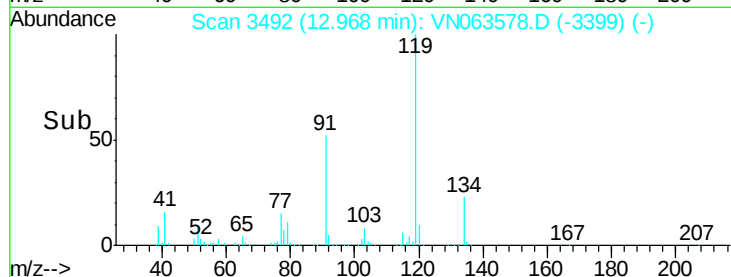
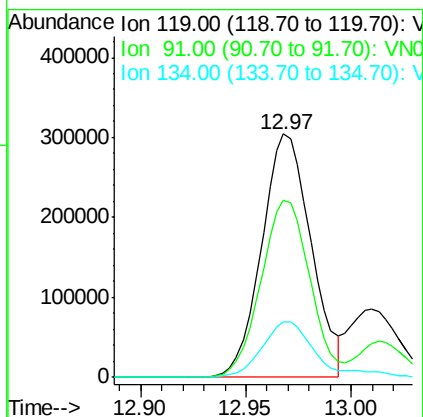
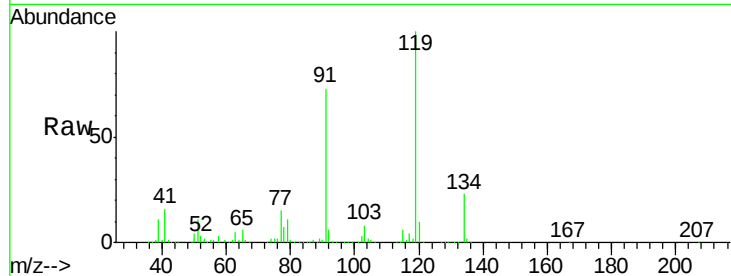




#83
 tert-Butylbenzene
 Concen: 46.589 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN063578.D
 Acq: 23 Sep 2020 10:28

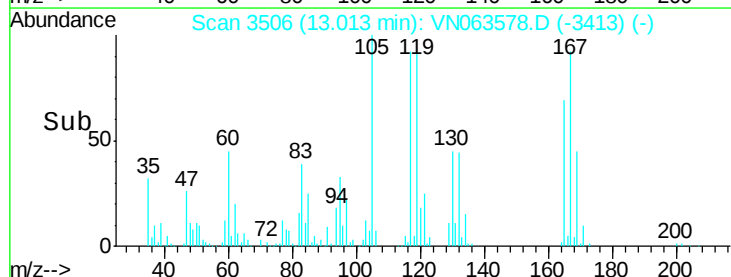
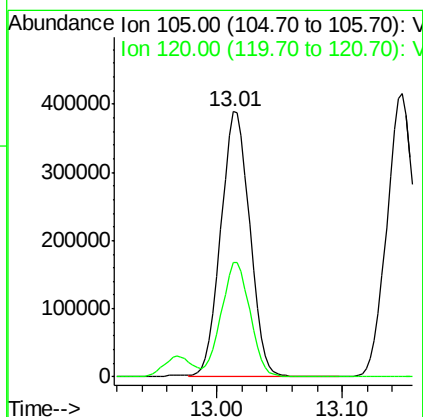
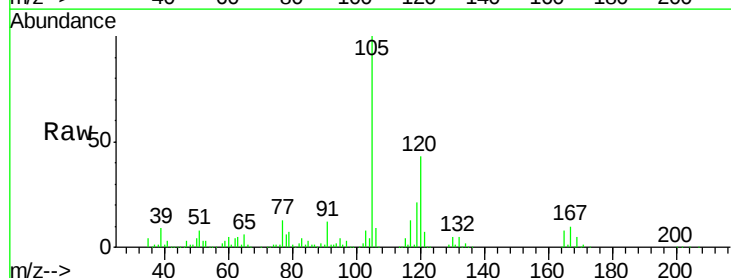
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

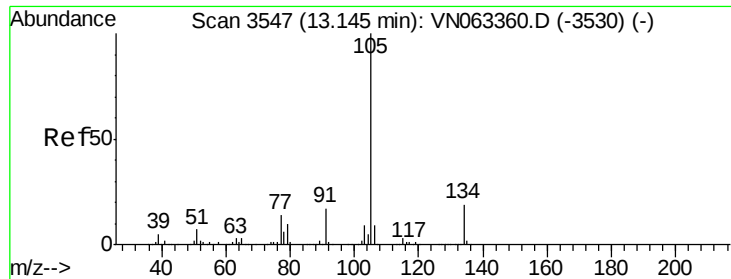
Tgt Ion:119 Resp: 497119
 Ion Ratio Lower Upper
 119 100
 91 72.0 36.3 108.9
 134 24.9 12.3 36.8



#84
 1,2,4-Trimethylbenzene
 Concen: 47.665 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. -0.00 min
 Lab File: VN063578.D
 Acq: 23 Sep 2020 10:28

Tgt Ion:105 Resp: 622446
 Ion Ratio Lower Upper
 105 100
 120 43.1 21.3 63.9

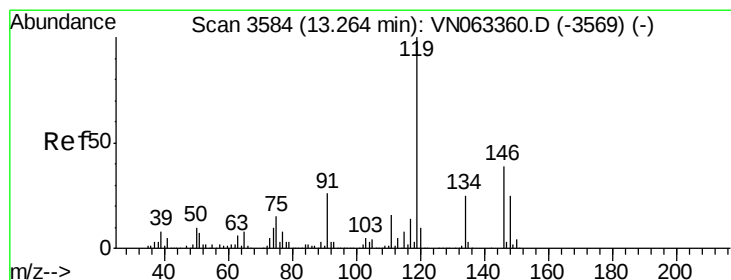
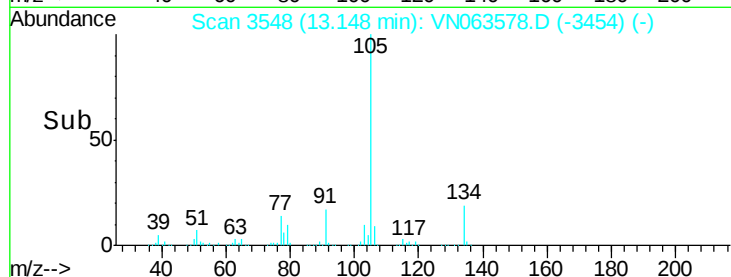
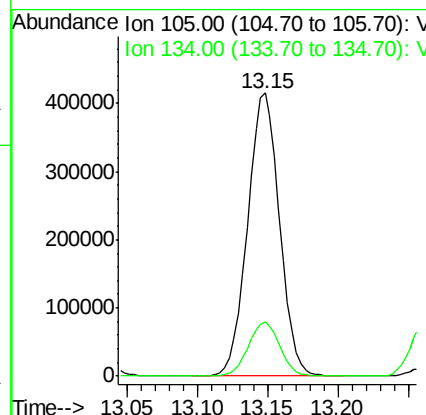
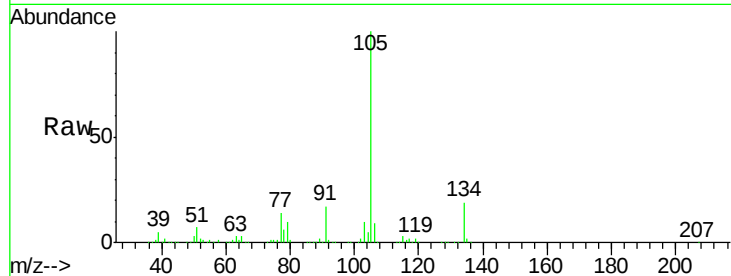




#85
 sec-Butylbenzene
 Concen: 45.916 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN063578.D
 Acq: 23 Sep 2020 10:28

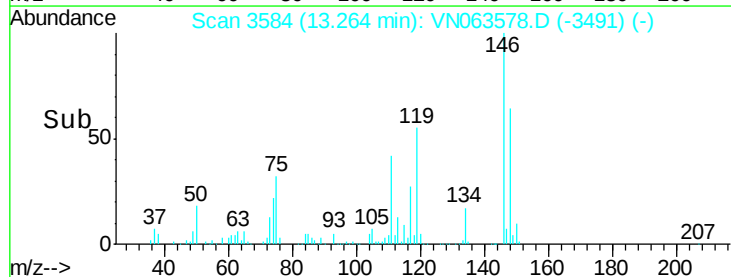
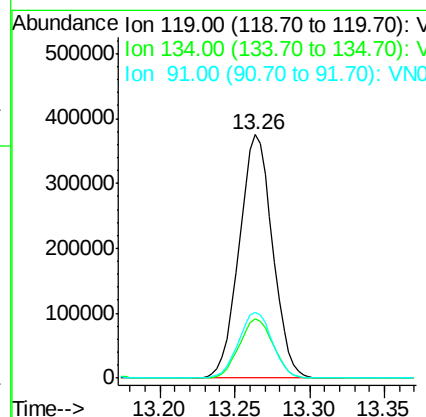
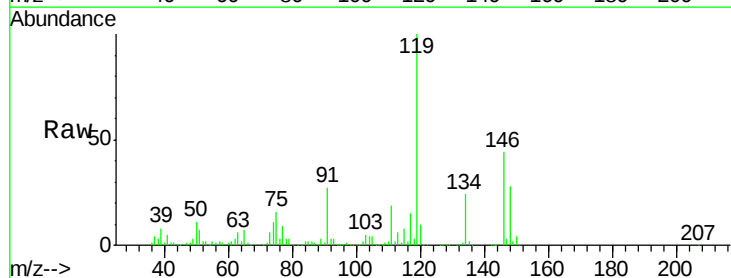
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

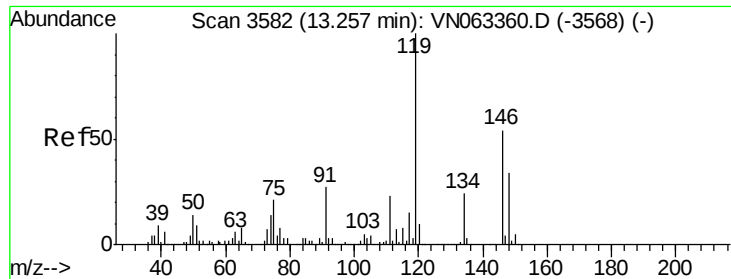
Tgt Ion:105 Resp: 655820
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.3 27.7



#86
 p-Isopropyltoluene
 Concen: 46.082 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. -0.00 min
 Lab File: VN063578.D
 Acq: 23 Sep 2020 10:28

Tgt Ion:119 Resp: 580533
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.5 37.5
 91 27.5 13.4 40.1

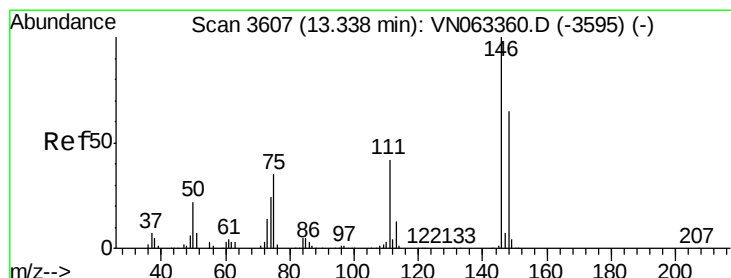
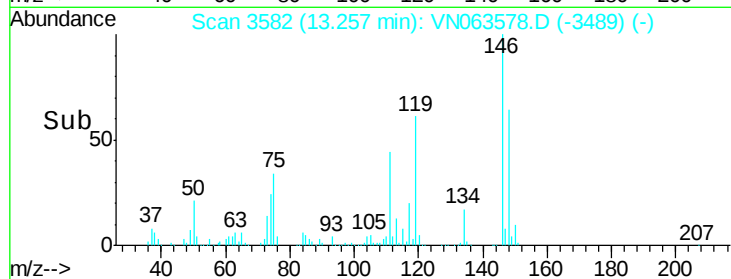
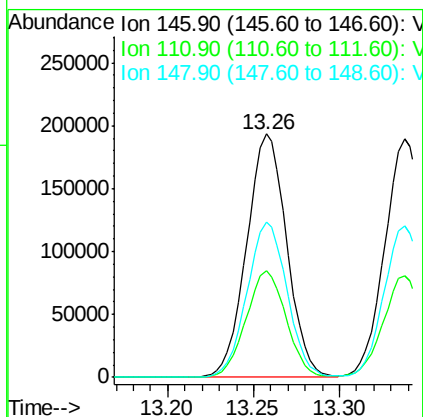
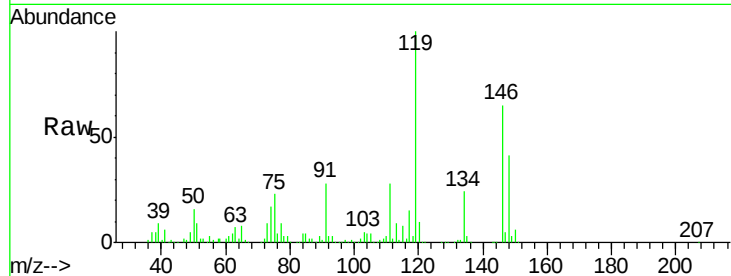




#87
 1,3-Dichlorobenzene
 Concen: 48.372 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN063578.D
 Acq: 23 Sep 2020 10:28

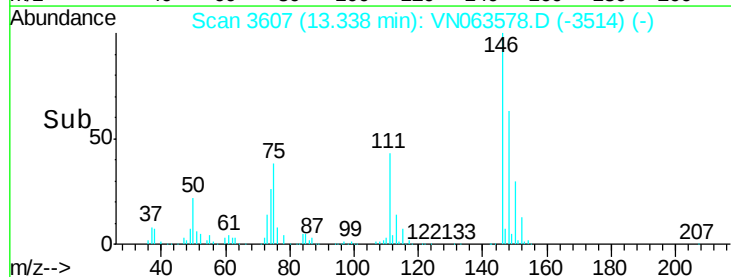
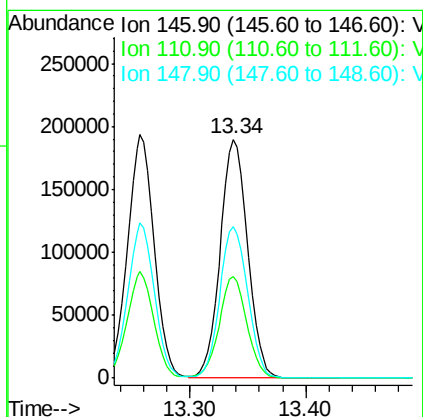
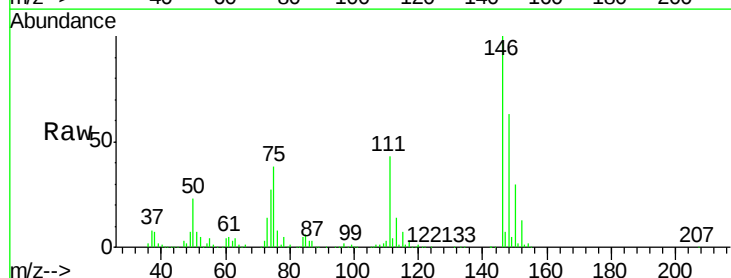
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

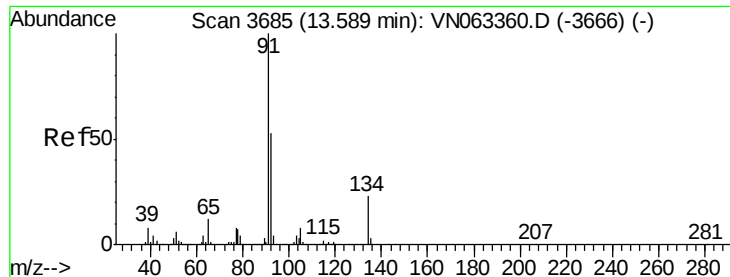
Tgt Ion:146 Resp: 312682
 Ion Ratio Lower Upper
 146 100
 111 43.8 21.4 64.3
 148 63.8 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 47.316 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VN063578.D
 Acq: 23 Sep 2020 10:28

Tgt Ion:146 Resp: 310961
 Ion Ratio Lower Upper
 146 100
 111 42.9 21.2 63.6
 148 64.1 31.9 95.9

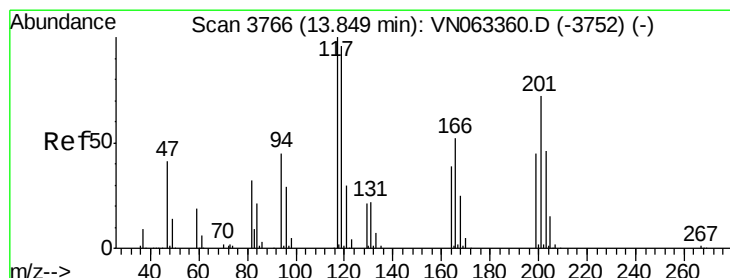
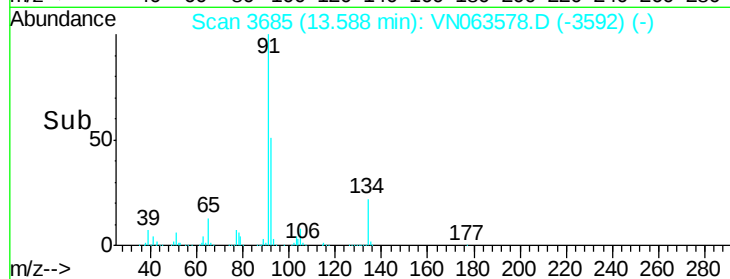
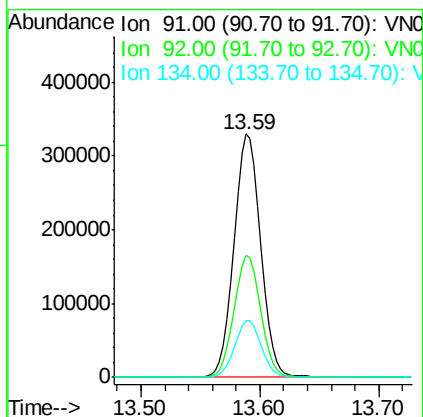
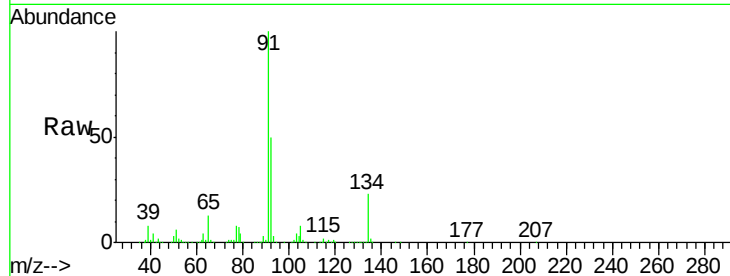




#89
n-Butylbenzene
Concen: 44.194 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN063578.D
Acq: 23 Sep 2020 10:28

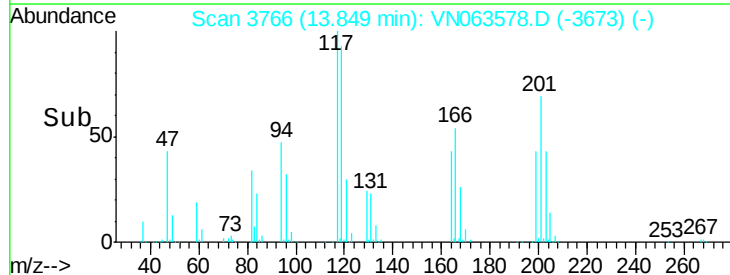
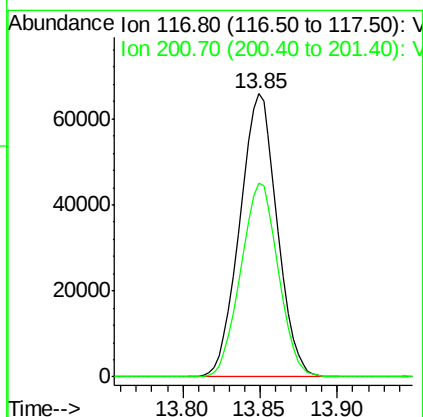
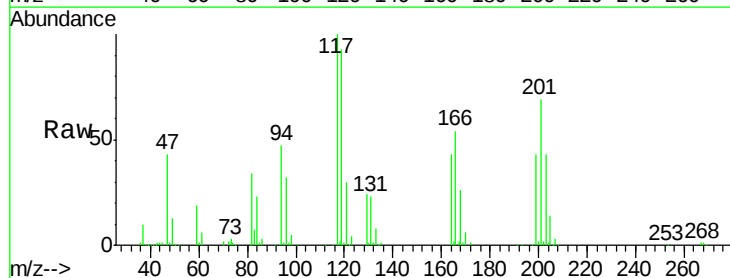
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

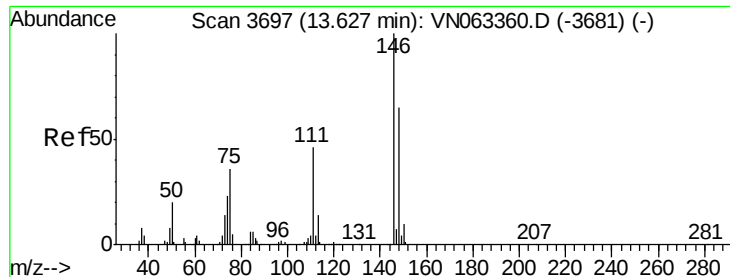
Tgt Ion: 91 Resp: 513175
Ion Ratio Lower Upper
91 100
92 50.0 26.0 78.0
134 23.2 11.7 35.0



#90
Hexachloroethane
Concen: 46.155 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. -0.00 min
Lab File: VN063578.D
Acq: 23 Sep 2020 10:28

Tgt Ion: 117 Resp: 110717
Ion Ratio Lower Upper
117 100
201 68.4 35.5 106.7

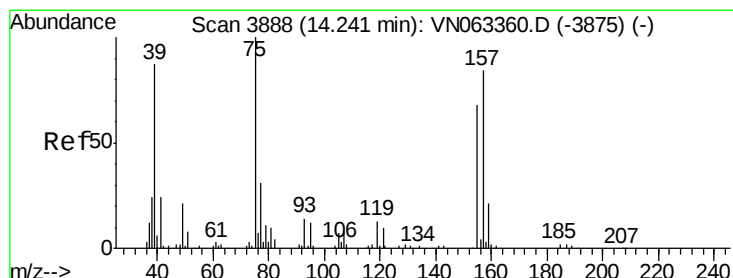
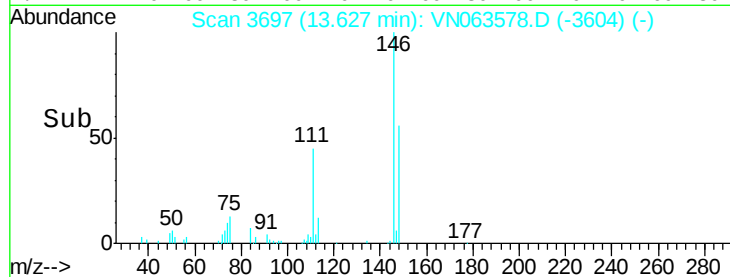
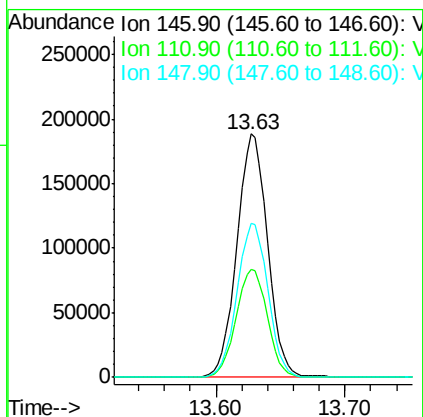
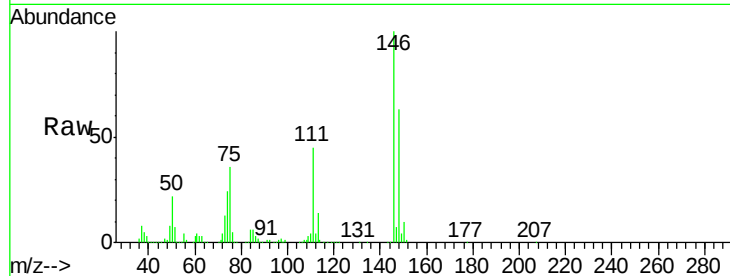




#91
 1,2-Dichlorobenzene
 Concen: 49.182 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN063578.D
 Acq: 23 Sep 2020 10:28

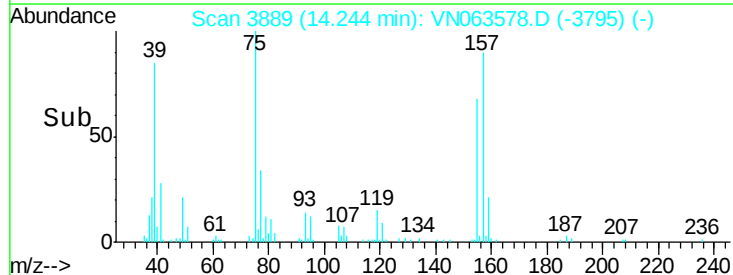
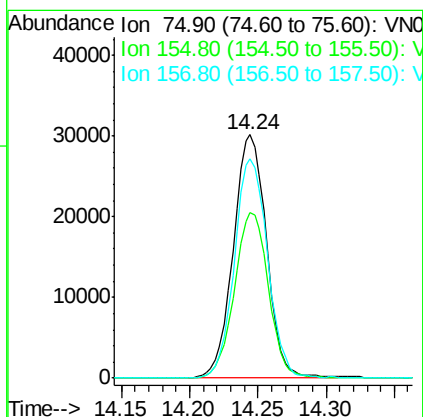
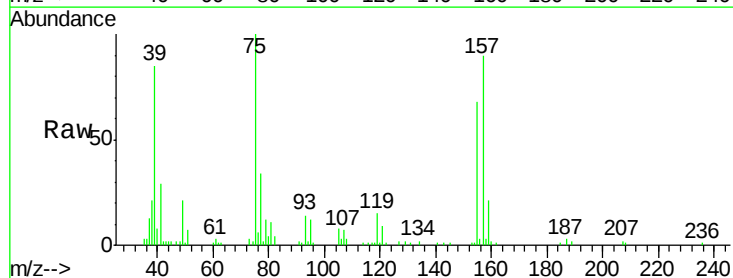
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

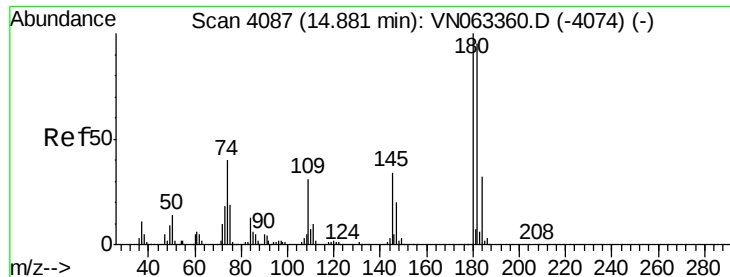
Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.2	22.4	67.2
148	63.9	32.0	96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.639 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063578.D
 Acq: 23 Sep 2020 10:28

Tgt Ion	Ratio	Lower	Upper
75	100		
155	69.5	34.6	103.9
157	89.7	43.7	131.1

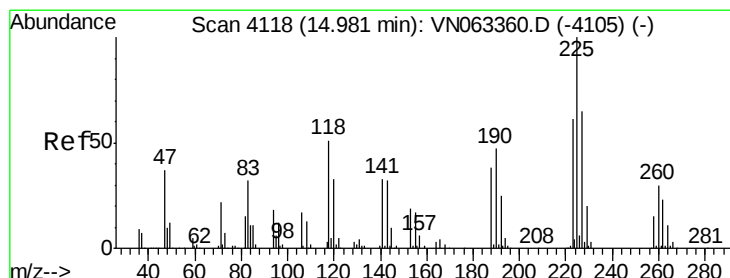
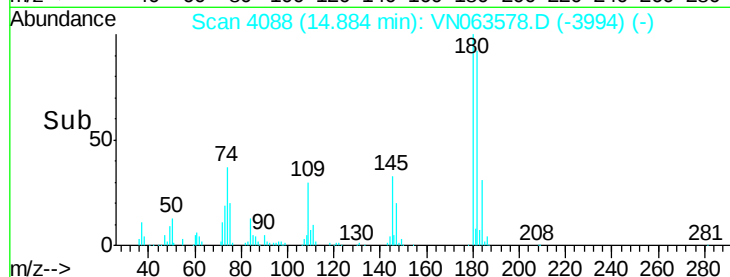
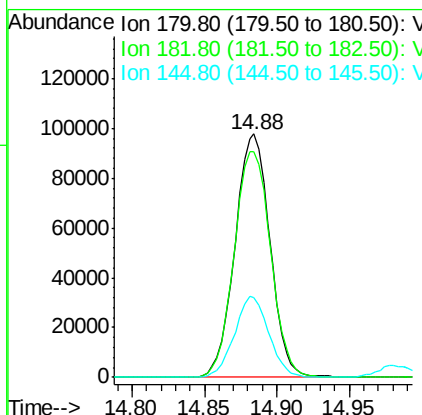
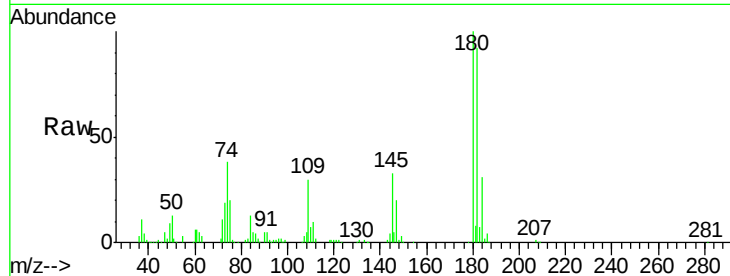




#93
 1,2,4-Trichlorobenzene
 Concen: 43.807 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063578.D
 Acq: 23 Sep 2020 10:28

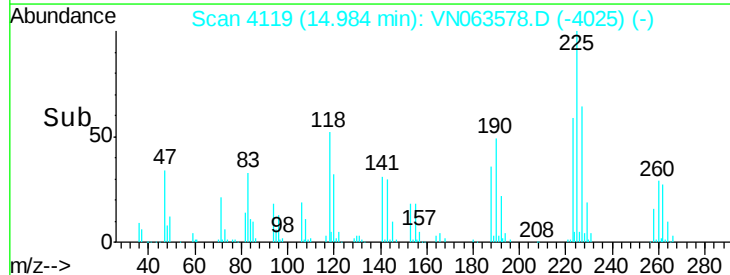
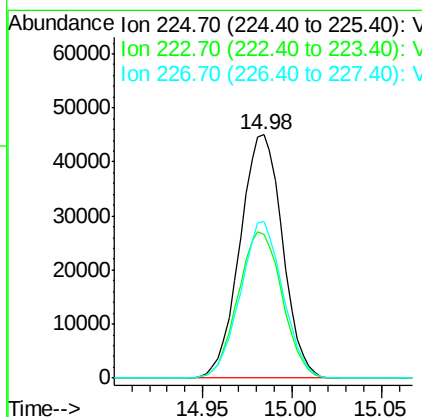
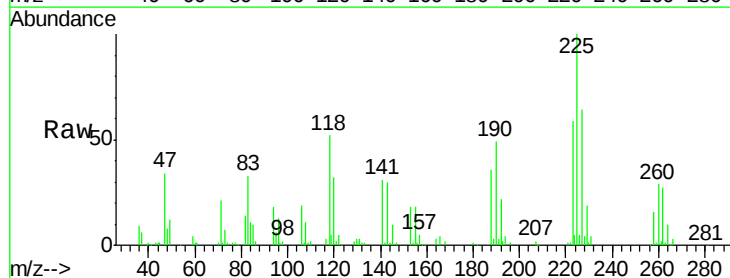
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

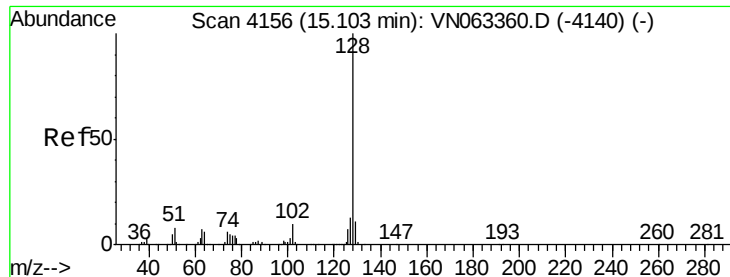
Tgt Ion:180 Resp: 163899
 Ion Ratio Lower Upper
 180 100
 182 96.7 47.3 142.0
 145 32.7 16.6 49.7



#94
 Hexachlorobutadiene
 Concen: 48.369 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN063578.D
 Acq: 23 Sep 2020 10:28

Tgt Ion:225 Resp: 74918
 Ion Ratio Lower Upper
 225 100
 223 62.4 30.6 91.6
 227 64.4 31.2 93.6





#95

Naphthalene

Concen: 44.461 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. -0.00 min

Lab File: VN063578.D

Acq: 23 Sep 2020 10:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

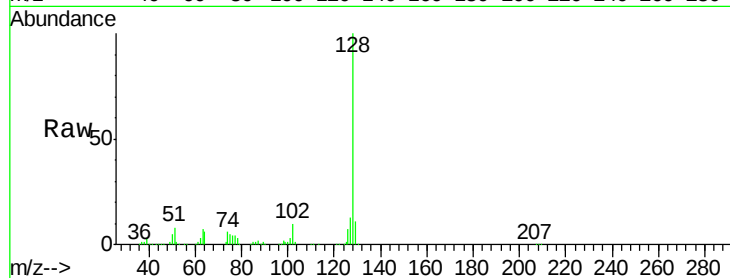
Tgt Ion:128 Resp: 549574

Ion Ratio Lower Upper

128 100

127 13.3 10.6 15.8

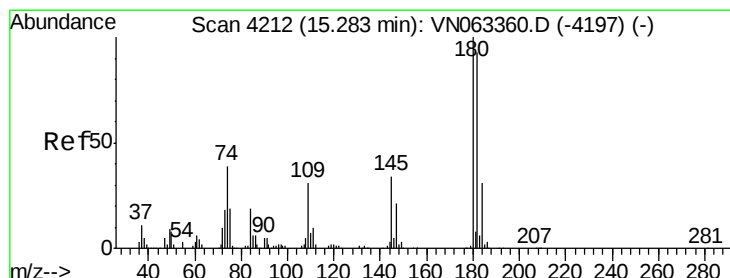
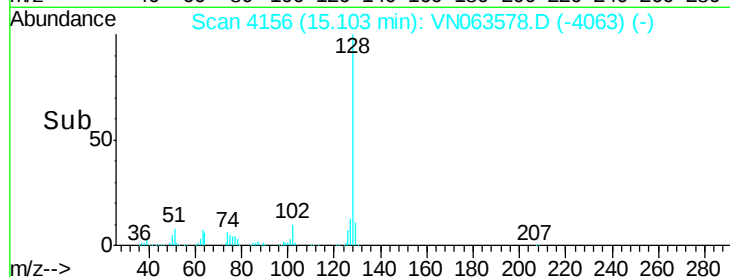
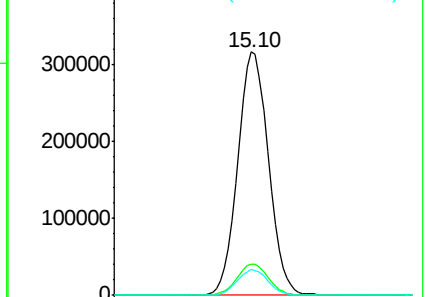
129 10.7 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 44.826 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. -0.00 min

Lab File: VN063578.D

Acq: 23 Sep 2020 10:28

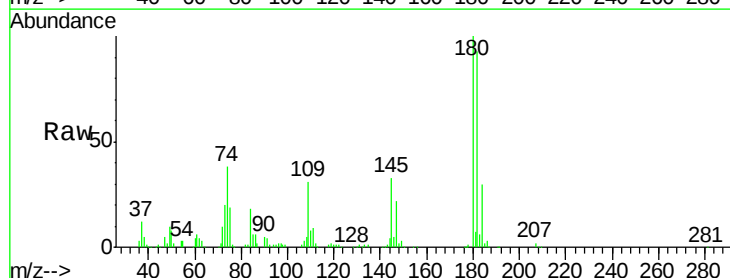
Tgt Ion:180 Resp: 162044

Ion Ratio Lower Upper

180 100

182 94.6 46.7 140.1

145 34.2 16.8 50.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

