

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN062520\
 Data File : VN062100.D
 Acq On : 25 Jun 2020 10:18
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 26 01:41:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	257894	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	449438	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	428671	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	207585	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.98	65	170270	47.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.10%	
35) Dibromofluoromethane	7.54	113	138080	47.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.78%	
50) Toluene-d8	10.06	98	558671	48.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.94%	
62) 4-Bromofluorobenzene	12.37	95	194532	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	139402	47.822	ug/l	99
3) Chloromethane	2.03	50	172183	50.177	ug/l	99
4) Vinyl Chloride	2.16	62	213566	46.522	ug/l	99
5) Bromomethane	2.52	94	127025	42.814	ug/l	97
6) Chloroethane	2.66	64	148757	47.437	ug/l	99
7) Trichlorofluoromethane	2.98	101	264466	46.754	ug/l	97
8) Diethyl Ether	3.37	74	95550	48.375	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.71	101	141261	47.689	ug/l	99
10) Methyl Iodide	3.91	142	152358	45.671	ug/l	100
11) Tert butyl alcohol	4.73	59	114114	219.608	ug/l	99
12) 1,1-Dichloroethene	3.69	96	140412	47.417	ug/l	99
13) Acrolein	3.56	56	106968	210.259	ug/l	100
14) Allyl chloride	4.27	41	196491	48.737	ug/l	98
15) Acrylonitrile	4.92	53	327698	231.425	ug/l	100
16) Acetone	3.77	43	306744	270.353	ug/l	98
17) Carbon Disulfide	4.00	76	411334	48.497	ug/l	100
18) Methyl Acetate	4.27	43	127411	44.286	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	465243	49.167	ug/l	100
20) Methylene Chloride	4.50	84	166061	49.983	ug/l	97
21) trans-1,2-Dichloroethene	4.98	96	156423	46.369	ug/l	95
22) Diisopropyl ether	5.90	45	447178	48.713	ug/l	98
23) Vinyl Acetate	5.84	43	1849107	246.719	ug/l	100
24) 1,1-Dichloroethane	5.79	63	280824	47.507	ug/l	100
25) 2-Butanone	6.78	43	421827	238.458	ug/l	100
26) 2,2-Dichloropropane	6.77	77	239192	48.558	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	178290	46.968	ug/l	100
28) Bromochloromethane	7.15	49	120440	46.959	ug/l	99
29) Tetrahydrofuran	7.16	42	265070	228.752	ug/l	98
30) Chloroform	7.32	83	289654	48.161	ug/l	98
31) Cyclohexane	7.61	56	235352	47.069	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	242150	47.743	ug/l	99
36) 1,1-Dichloropropene	7.75	75	217471	48.139	ug/l	100
37) Ethyl Acetate	6.88	43	175316	46.866	ug/l	99
38) Carbon Tetrachloride	7.73	117	207730	48.774	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	250674	50.643	ug/l	99
40) Benzene	8.00	78	672628	48.850	ug/l	98
41) Methacrylonitrile	7.16	41	246862	142.346	ug/l #	14
42) 1,2-Dichloroethane	8.08	62	228341	49.083	ug/l	99
43) Isopropyl Acetate	8.12	43	291863	47.862	ug/l #	88
44) Trichloroethene	8.80	130	166249	47.864	ug/l	98
45) 1,2-Dichloropropane	9.08	63	167863	49.416	ug/l	99
46) Dibromomethane	9.17	93	112046	48.649	ug/l	100
47) Bromodichloromethane	9.37	83	231612	49.805	ug/l	98
48) Methyl methacrylate	9.16	41	133920	48.980	ug/l	99
49) 1,4-Dioxane	9.16	88	57020	940.396	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	867705	243.544	ug/l	99
52) Toluene	10.12	92	430779	51.275	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	260051	50.829	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	284359	52.205	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	166242	50.338	ug/l	98
56) Ethyl methacrylate	10.40	69	230010	52.189	ug/l	100
57) 1,3-Dichloropropane	10.68	76	283164	49.814	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	449340	240.144	ug/l	99
59) 2-Hexanone	10.72	43	645350	250.845	ug/l	99
60) Dibromochloromethane	10.87	129	176974	50.616	ug/l	98
61) 1,2-Dibromoethane	10.98	107	167106	49.245	ug/l	99
64) Tetrachloroethene	10.60	164	135164	46.159	ug/l	97
65) Chlorobenzene	11.40	112	454895	48.323	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	161797	49.705	ug/l	99
67) Ethyl Benzene	11.48	91	816769	51.374	ug/l	100
68) m/p-Xylenes	11.59	106	631273	102.658	ug/l	98
69) o-Xylene	11.92	106	304844	52.542	ug/l	98
70) Styrene	11.94	104	518843	53.621	ug/l	100
71) Bromoform	12.10	173	114482	49.465	ug/l #	98
73) Isopropylbenzene	12.22	105	792983	49.349	ug/l	100
74) N-amyl acetate	12.04	43	269130	45.799	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	239300	44.752	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	303909	62.191	ug/l #	100
77) Bromobenzene	12.50	156	185219	46.428	ug/l	98
78) n-propylbenzene	12.56	91	933954	50.813	ug/l	100
79) 2-Chlorotoluene	12.65	91	544352	48.989	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	669092	51.365	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	81397	48.644	ug/l	98
82) 4-Chlorotoluene	12.75	91	566837	49.330	ug/l	100
83) tert-Butylbenzene	12.97	119	544830	48.873	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	663217	50.978	ug/l	100
85) sec-Butylbenzene	13.15	105	747136	50.720	ug/l	100
86) p-Isopropyltoluene	13.26	119	675028	52.305	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	345073	49.259	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	342439	47.422	ug/l	99
89) n-Butylbenzene	13.59	91	576808	53.759	ug/l	100
90) Hexachloroethane	13.85	117	124004	48.973	ug/l	100
91) 1,2-Dichlorobenzene	13.62	146	329890	48.563	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	39650	46.287	ug/l	99

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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	160731	54.162	ug/l	99
94) Hexachlorobutadiene	14.98	225	62342	48.368	ug/l	99
95) Naphthalene	15.10	128	448138	45.668	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	158262	52.156	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN062100.D

Acq: 25 Jun 2020 10:18

Instrument :

MSVOA_N

ClientSampleId :

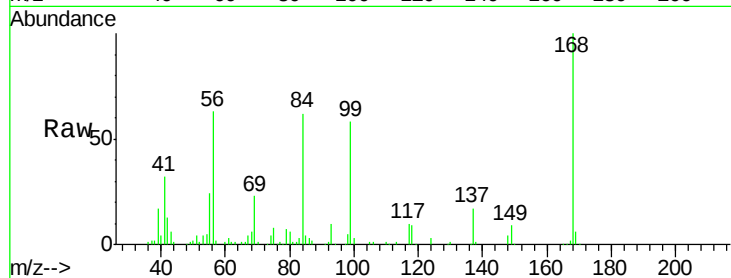
VSTDCCC050

Tgt Ion:168 Resp: 257894

Ion Ratio Lower Upper

168 100

99 57.9 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

120000

100000

80000

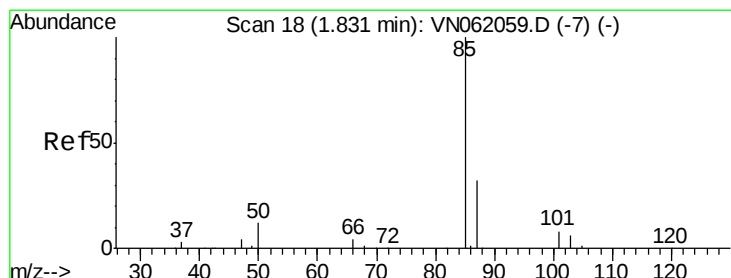
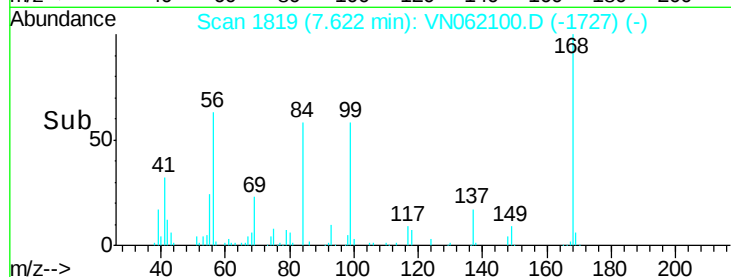
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 47.822 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062100.D

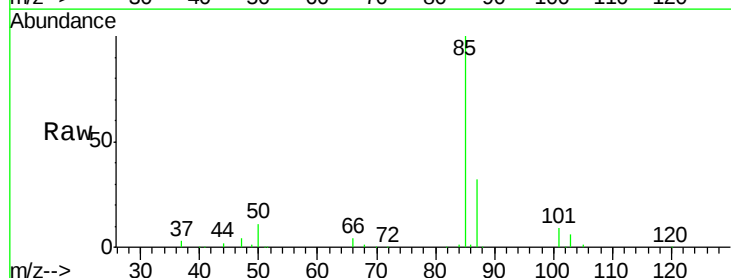
Acq: 25 Jun 2020 10:18

Tgt Ion: 85 Resp: 139402

Ion Ratio Lower Upper

85 100

87 32.3 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

120000

100000

80000

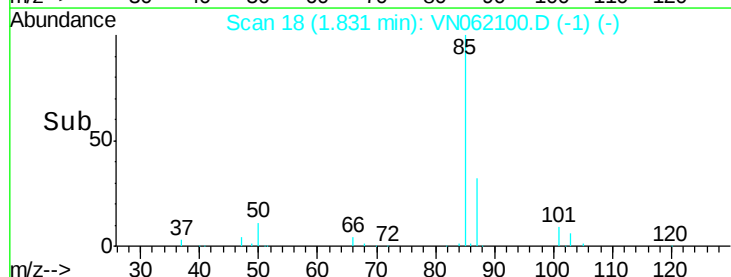
60000

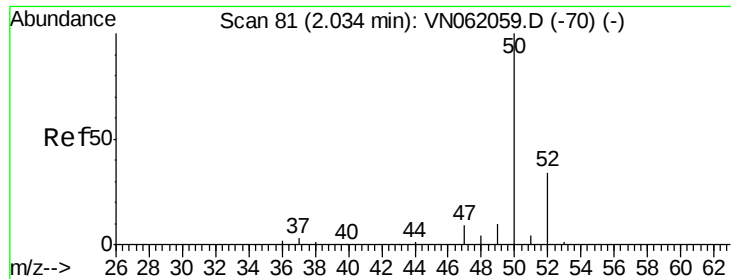
40000

20000

0

Time--> 1.75 1.80 1.85 1.90 1.95





#3

Chloromethane

Concen: 50.177 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062100.D

Acq: 25 Jun 2020 10:18

Instrument :

MSVOA_N

ClientSampleId :

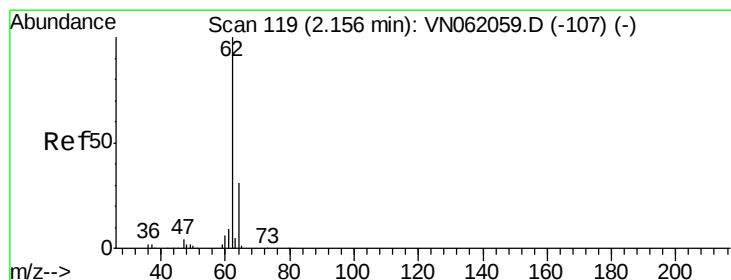
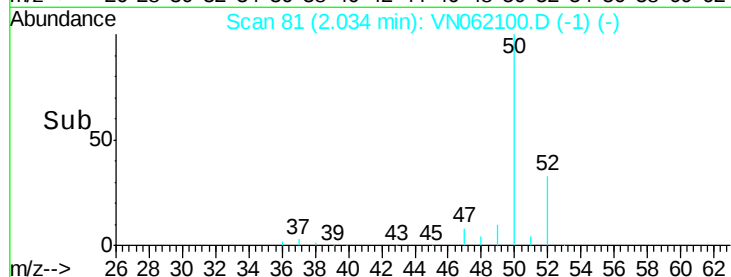
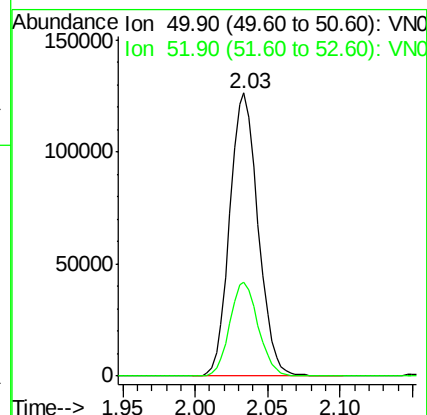
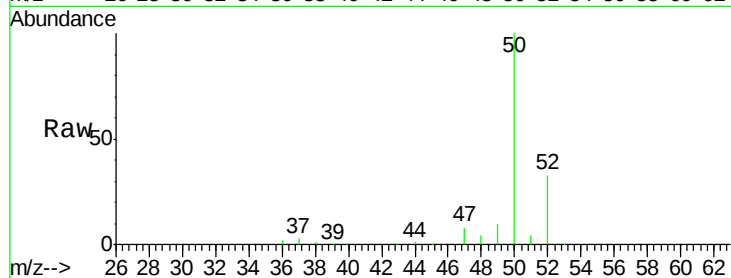
VSTDCCC050

Tgt Ion: 50 Resp: 172183

Ion Ratio Lower Upper

50 100

52 33.4 27.0 40.6



#4

Vinyl Chloride

Concen: 46.522 ug/l

RT: 2.16 min Scan# 119

Delta R.T. -0.00 min

Lab File: VN062100.D

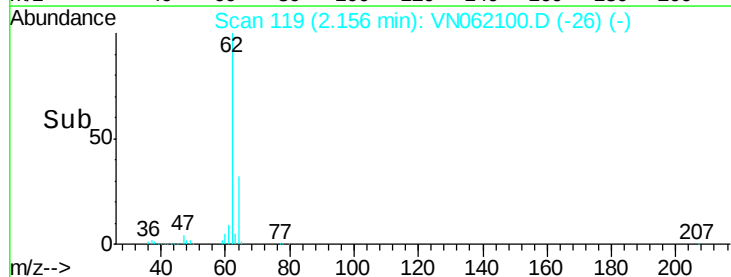
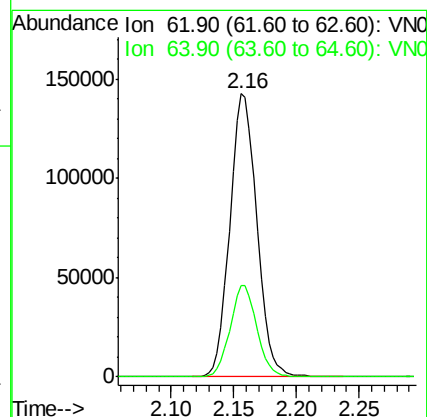
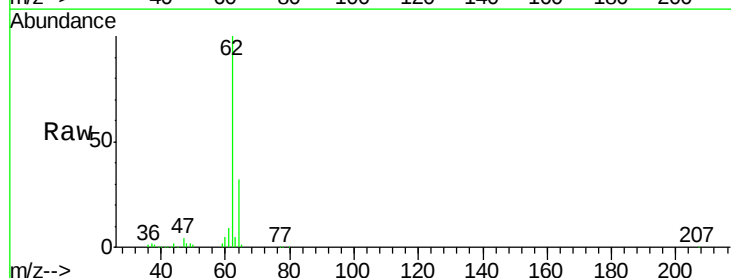
Acq: 25 Jun 2020 10:18

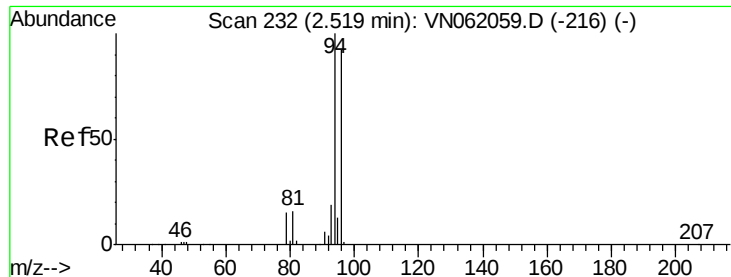
Tgt Ion: 62 Resp: 213566

Ion Ratio Lower Upper

62 100

64 32.2 25.1 37.7





#5

Bromomethane

Concen: 42.814 ug/l

RT: 2.52 min Scan# 233

Delta R.T. 0.00 min

Lab File: VN062100.D

Acq: 25 Jun 2020 10:18

Instrument :

MSVOA_N

ClientSampleId :

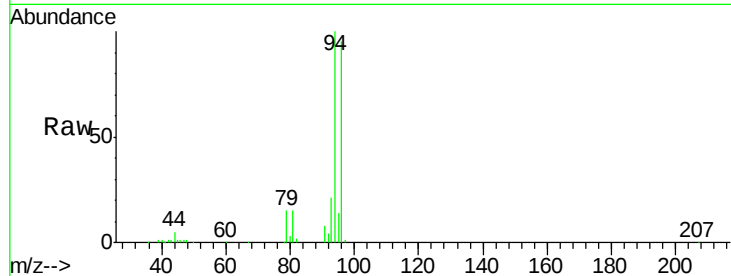
VSTDCCC050

Tgt Ion: 94 Resp: 127025

Ion Ratio Lower Upper

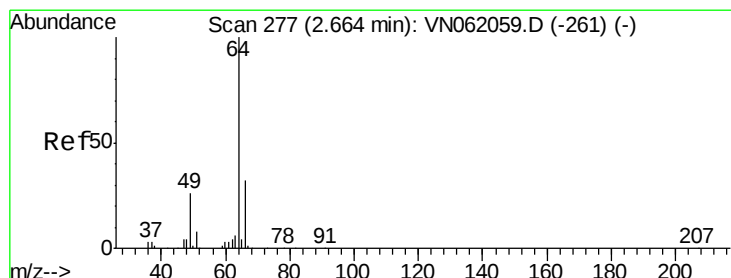
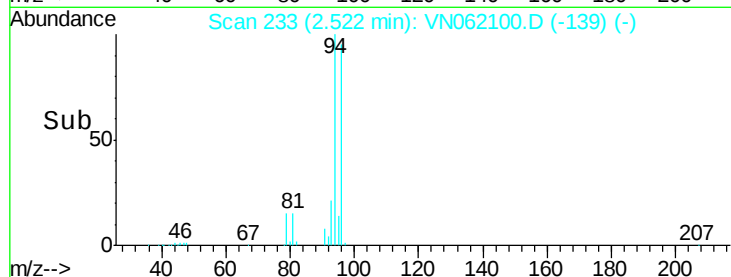
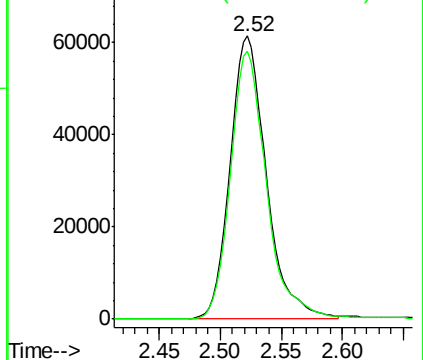
94 100

96 94.6 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 47.437 ug/l

RT: 2.66 min Scan# 277

Delta R.T. -0.00 min

Lab File: VN062100.D

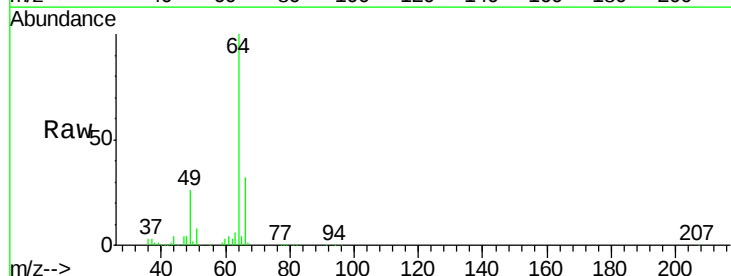
Acq: 25 Jun 2020 10:18

Tgt Ion: 64 Resp: 148757

Ion Ratio Lower Upper

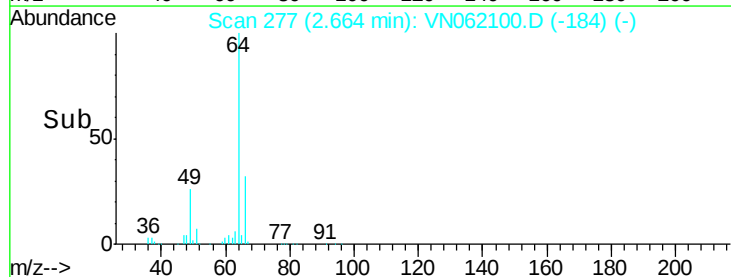
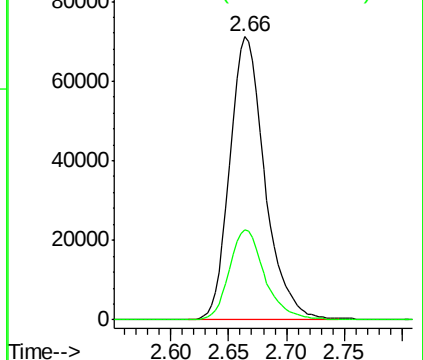
64 100

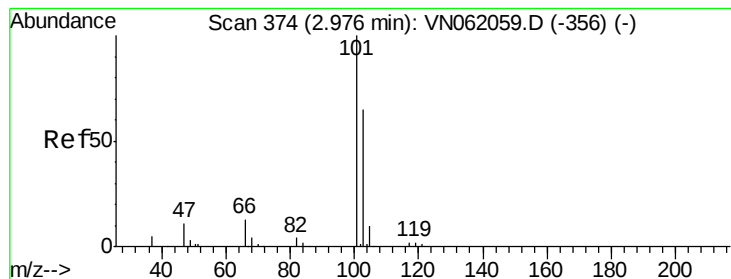
66 31.8 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



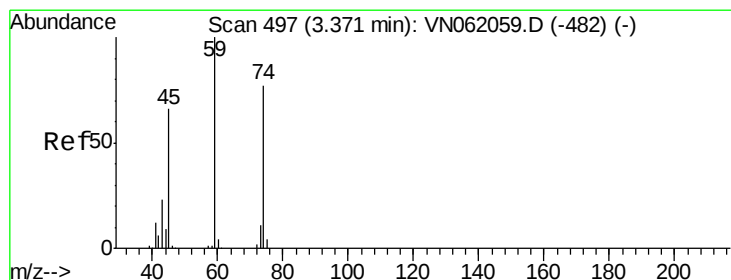
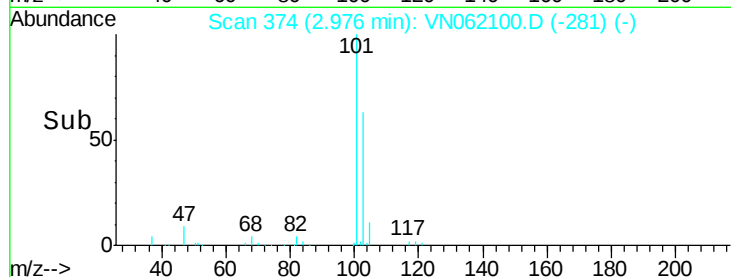
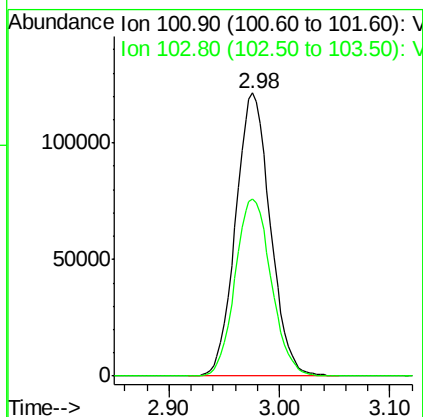
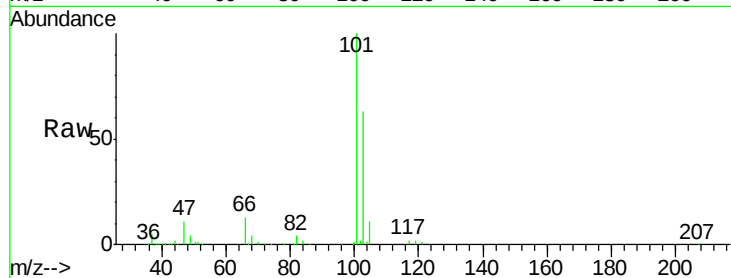


#7

Trichlorofluoromethane
Concen: 46.754 ug/l
RT: 2.98 min Scan# 374
Delta R.T. -0.00 min
Lab File: VN062100.D
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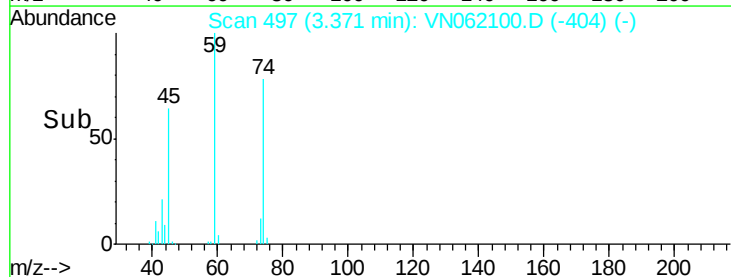
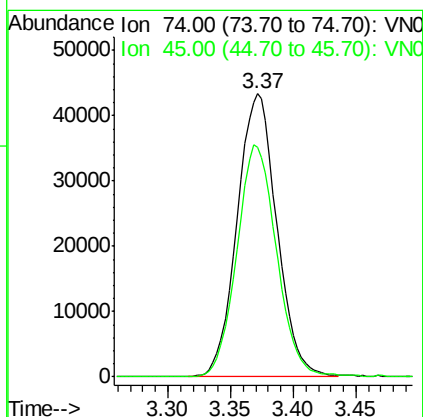
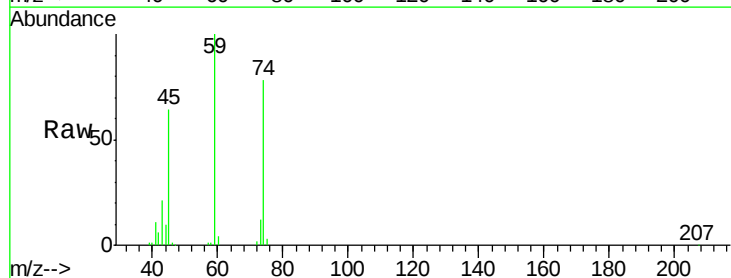
Tgt Ion:101 Resp: 264466
Ion Ratio Lower Upper
101 100
103 62.5 51.8 77.6

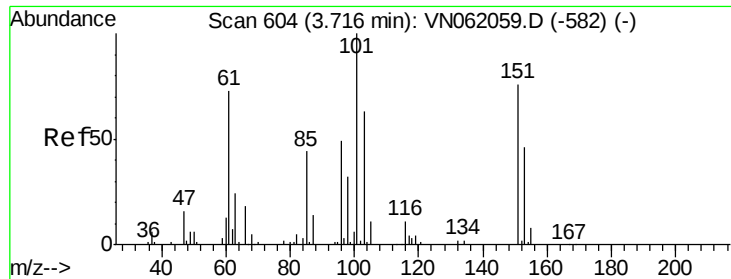


#8

Diethyl Ether
Concen: 48.375 ug/l
RT: 3.37 min Scan# 497
Delta R.T. -0.00 min
Lab File: VN062100.D
Acq: 25 Jun 2020 10:18

Tgt Ion: 74 Resp: 95550
Ion Ratio Lower Upper
74 100
45 82.0 42.5 127.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.689 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN062100.D

Acq: 25 Jun 2020 10:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

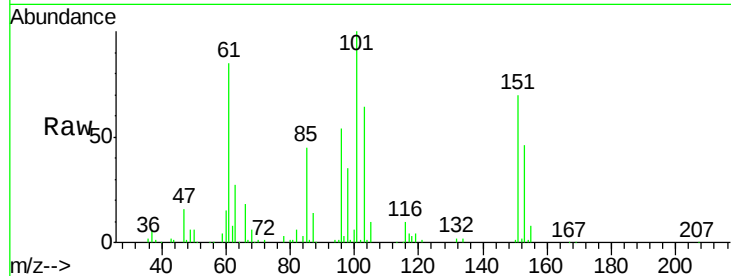
Tgt Ion:101 Resp: 141261

Ion Ratio Lower Upper

101 100

85 44.0 34.5 51.7

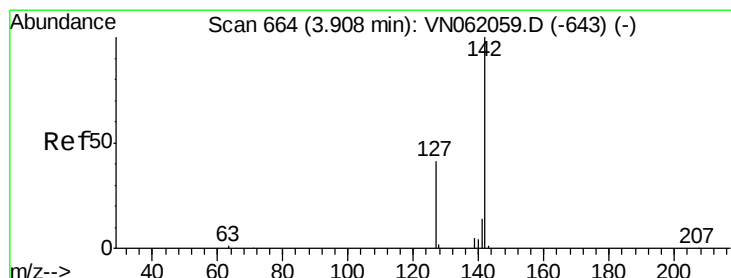
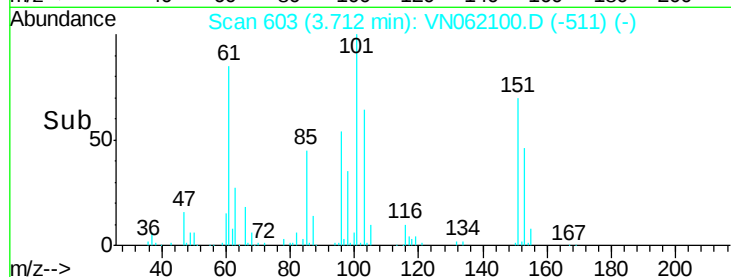
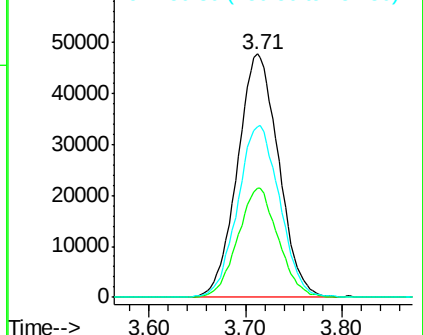
151 72.1 57.8 86.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 45.671 ug/l

RT: 3.91 min Scan# 663

Delta R.T. -0.00 min

Lab File: VN062100.D

Acq: 25 Jun 2020 10:18

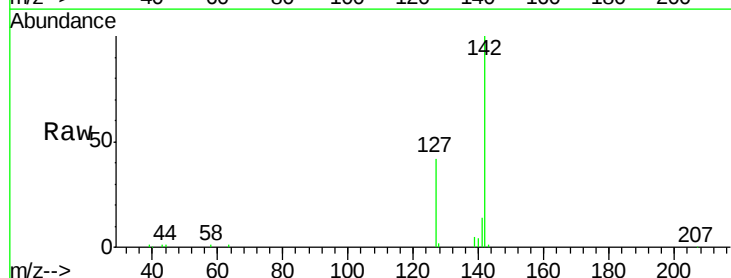
Tgt Ion:142 Resp: 152358

Ion Ratio Lower Upper

142 100

127 42.1 33.6 50.4

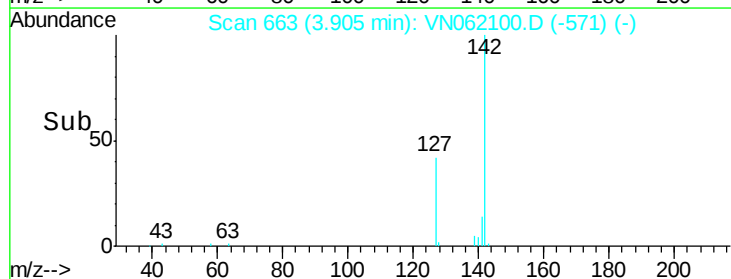
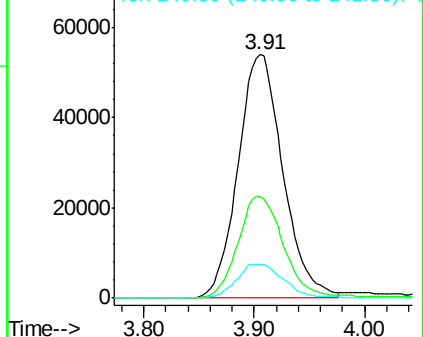
141 14.7 11.3 16.9

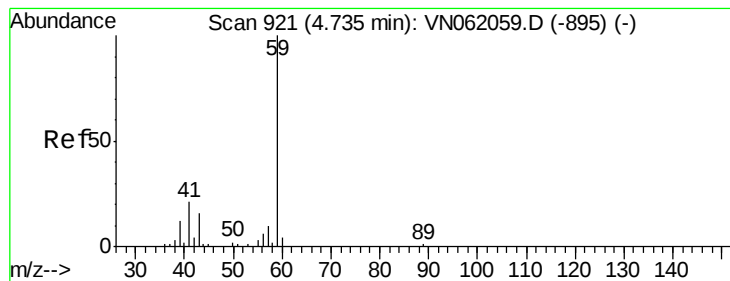


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



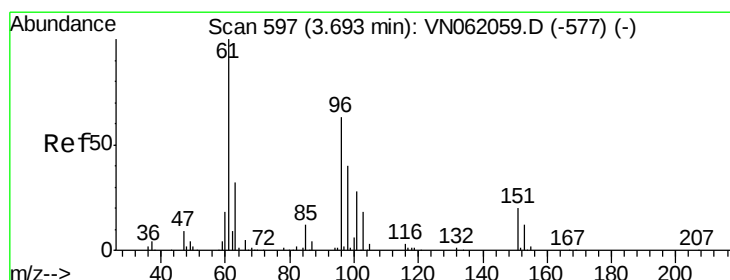
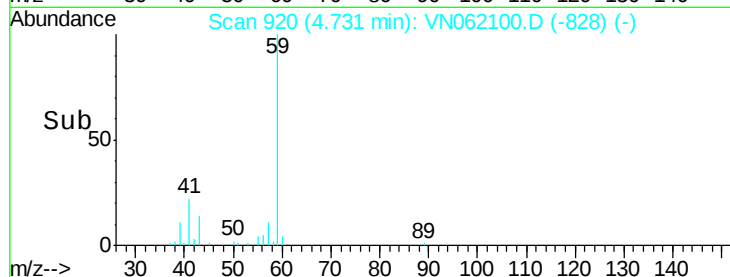
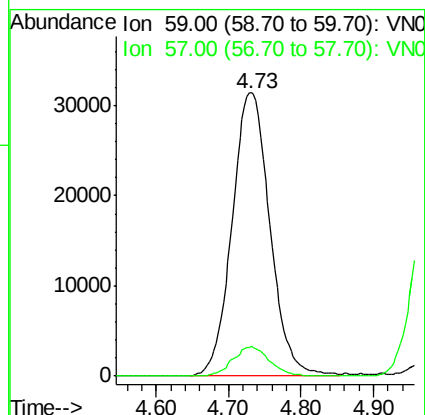
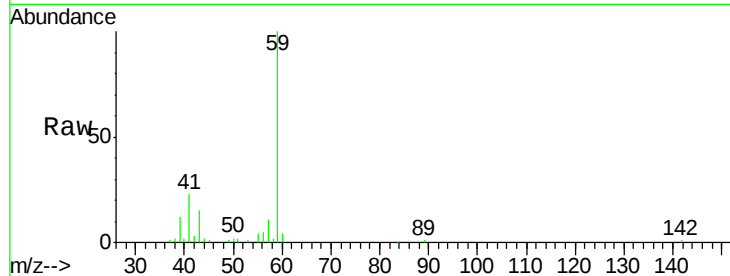


#11

Tert butyl alcohol
 Concen: 219.608 ug/l
 RT: 4.73 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VN062100.D
 Acq: 25 Jun 2020 10:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

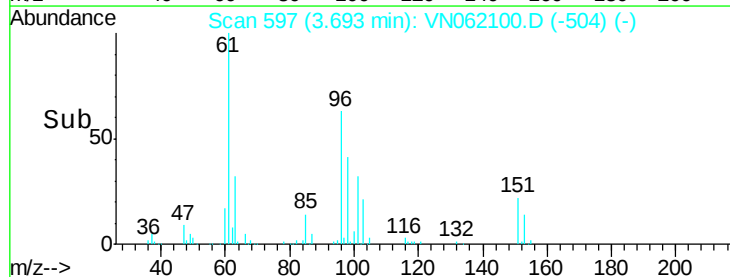
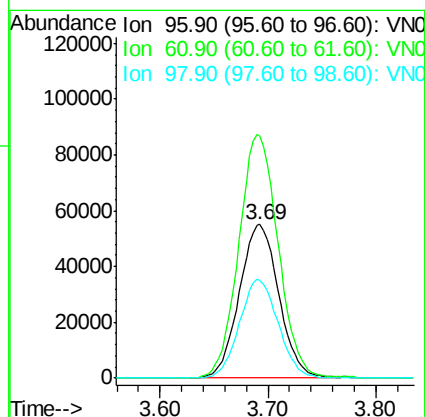
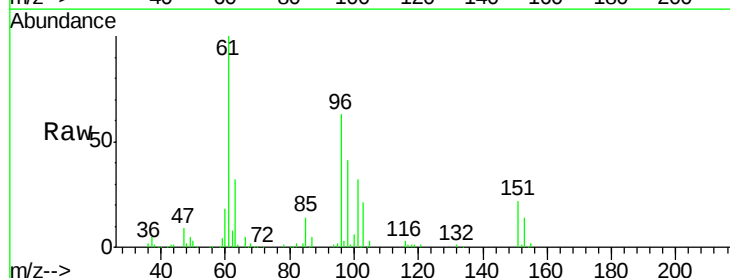
Tgt Ion: 59 Resp: 114114
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.3 12.5

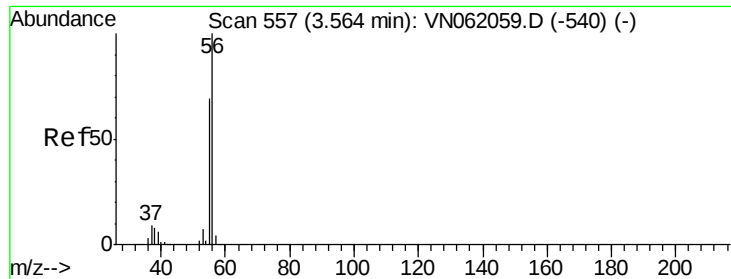


#12

1,1-Dichloroethene
 Concen: 47.417 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: VN062100.D
 Acq: 25 Jun 2020 10:18

Tgt Ion: 96 Resp: 140412
 Ion Ratio Lower Upper
 96 100
 61 157.5 126.7 190.1
 98 63.8 51.0 76.4

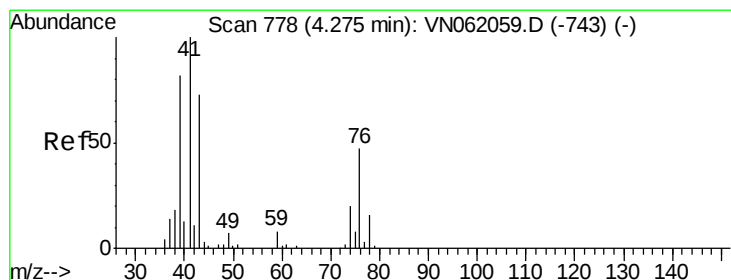
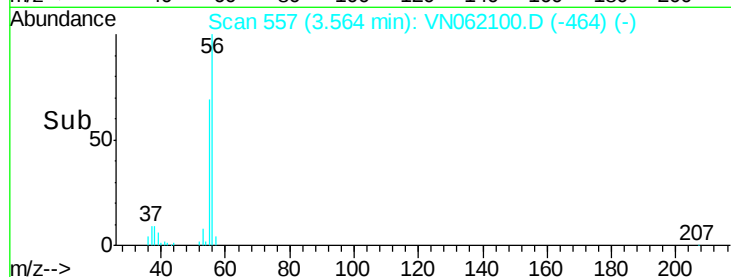
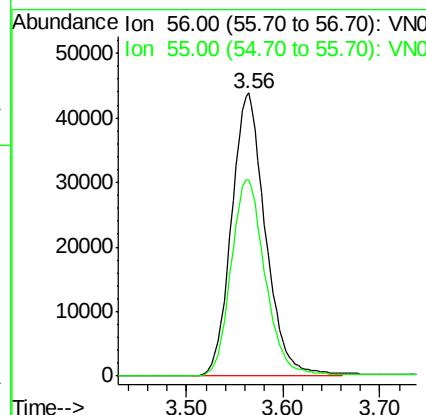
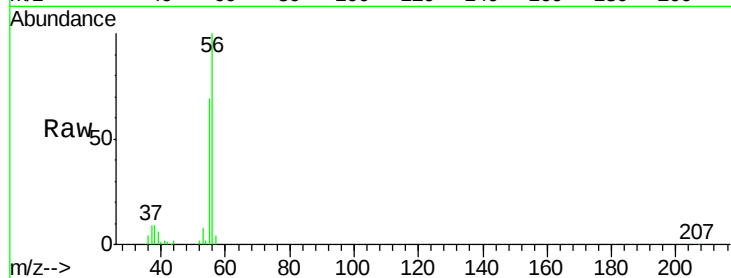




#13
Acrolein
Concen: 210.259 ug/l
RT: 3.56 min Scan# 557
Delta R.T. -0.00 min
Lab File: VN062100.D
Acq: 25 Jun 2020 10:18

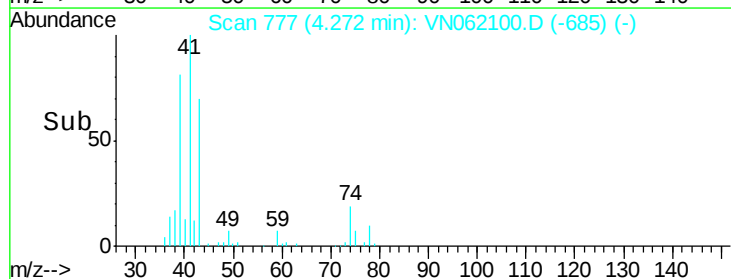
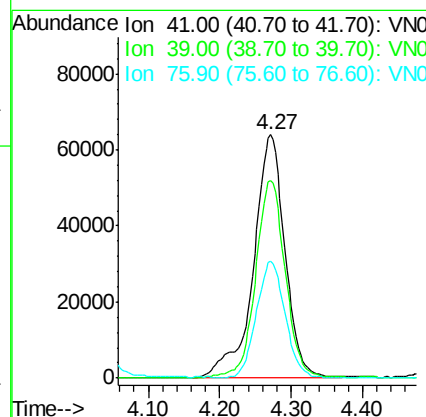
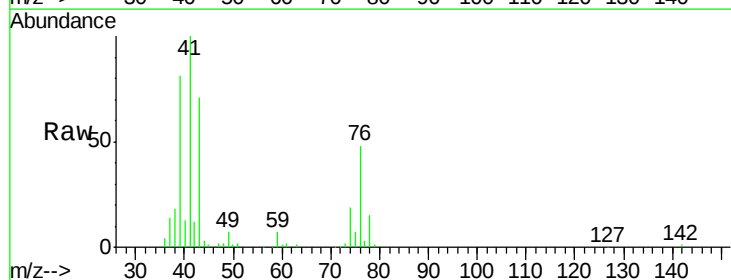
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 106968
Ion Ratio Lower Upper
56 100
55 69.6 55.5 83.3



#14
Allyl chloride
Concen: 48.737 ug/l
RT: 4.27 min Scan# 777
Delta R.T. -0.00 min
Lab File: VN062100.D
Acq: 25 Jun 2020 10:18

Tgt Ion: 41 Resp: 196491
Ion Ratio Lower Upper
41 100
39 76.7 60.0 90.0
76 43.0 34.1 51.1





#15

Acrylonitrile

Concen: 231.425 ug/l

RT: 4.92 min Scan# 980

Delta R.T. -0.00 min

Lab File: VN062100.D

Acq: 25 Jun 2020 10:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

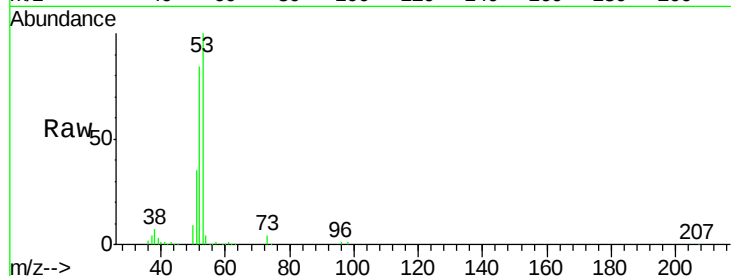
Tgt Ion: 53 Resp: 327698

Ion Ratio Lower Upper

53 100

52 83.4 66.2 99.4

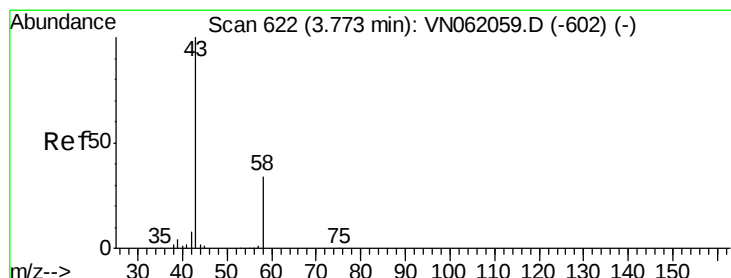
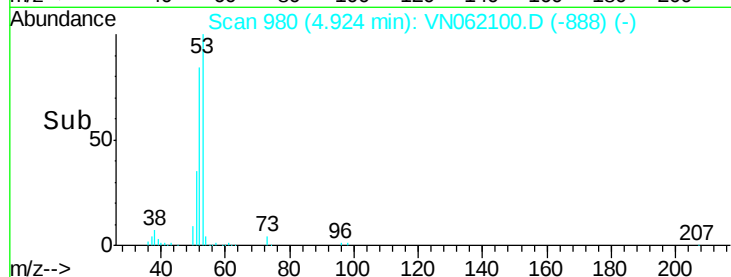
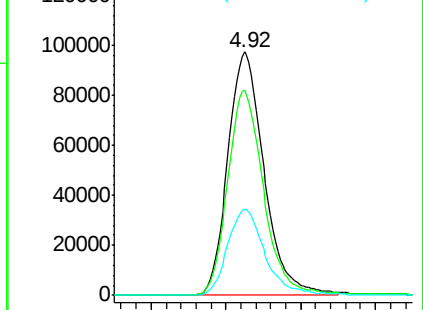
51 36.1 28.9 43.3



Abundance Ion 53.00 (52.70 to 53.70): VN062100.D (-888) (-)

Ion 52.00 (51.70 to 52.70): VN062100.D (-888) (-)

Ion 51.00 (50.70 to 51.70): VN062100.D (-888) (-)



#16

Acetone

Concen: 270.353 ug/l

RT: 3.77 min Scan# 621

Delta R.T. -0.00 min

Lab File: VN062100.D

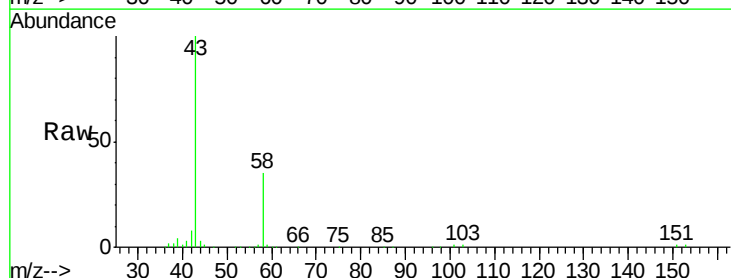
Acq: 25 Jun 2020 10:18

Tgt Ion: 43 Resp: 306744

Ion Ratio Lower Upper

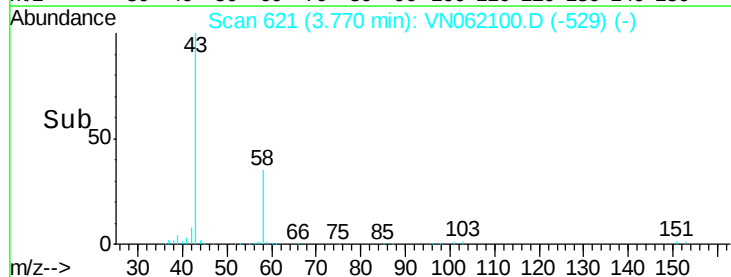
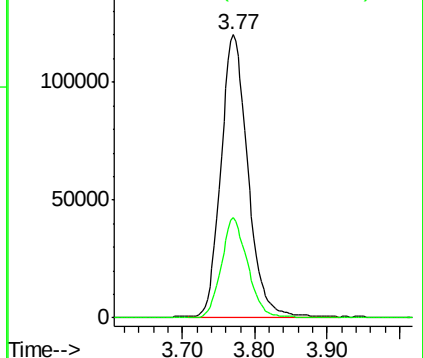
43 100

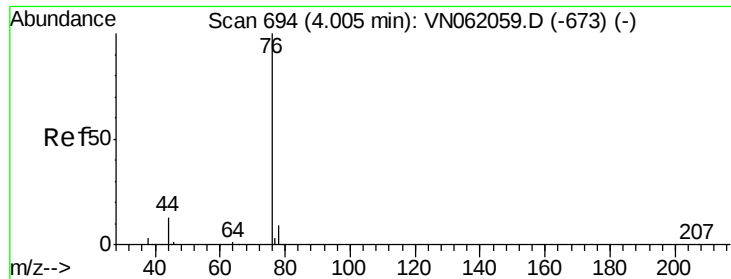
58 35.5 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VN062100.D (-529) (-)

Ion 58.00 (57.70 to 58.70): VN062100.D (-529) (-)

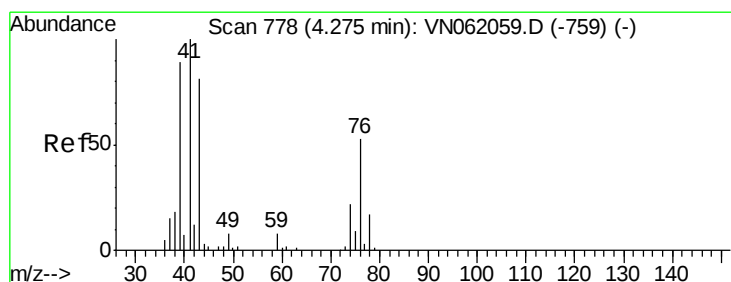
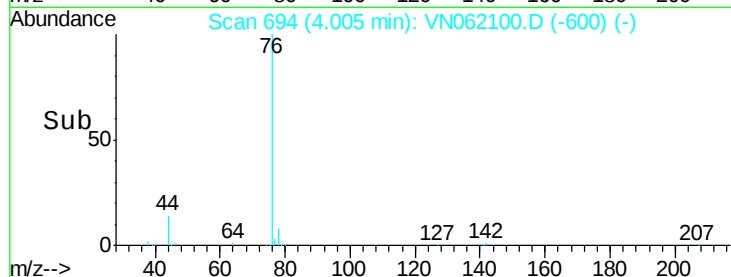
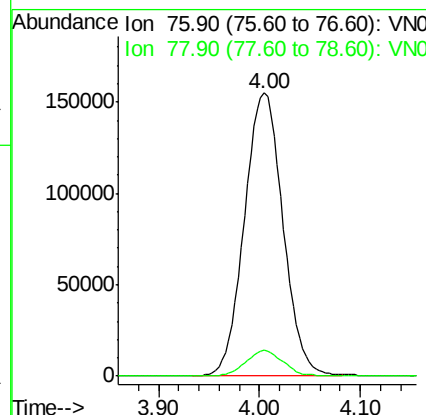
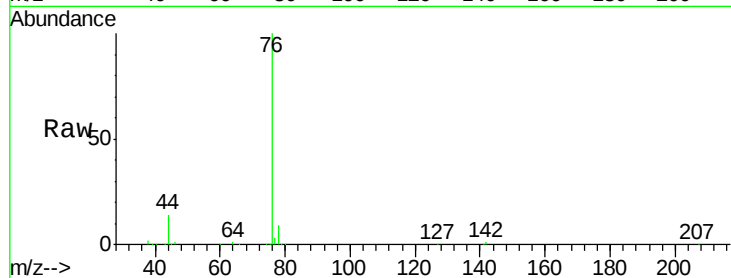




#17
Carbon Disulfide
Concen: 48.497 ug/l
RT: 4.00 min Scan# 694
Delta R.T. 0.00 min
Lab File: VN062100.D
Acq: 25 Jun 2020 10:18

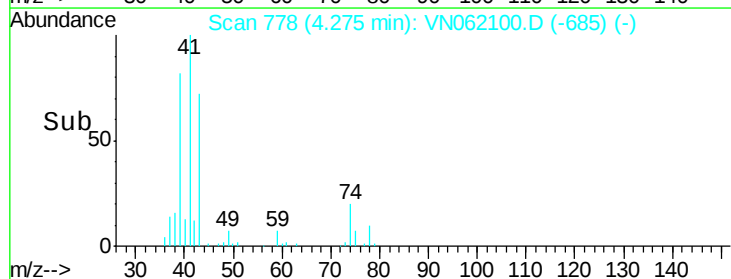
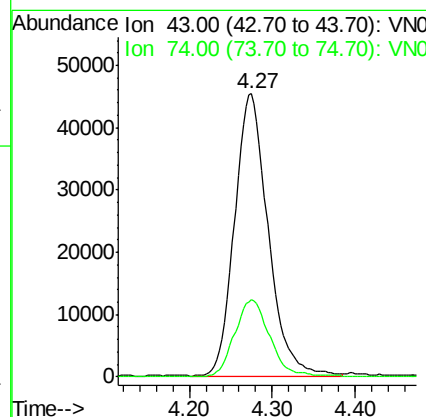
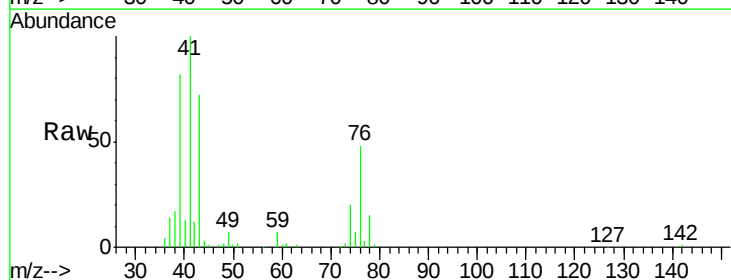
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

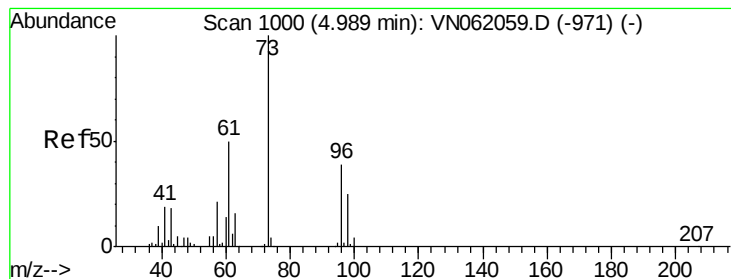
Tgt Ion: 76 Resp: 411334
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8



#18
Methyl Acetate
Concen: 44.286 ug/l
RT: 4.27 min Scan# 778
Delta R.T. -0.00 min
Lab File: VN062100.D
Acq: 25 Jun 2020 10:18

Tgt Ion: 43 Resp: 127411
Ion Ratio Lower Upper
43 100
74 28.6 22.9 34.3





#19

Methyl tert-butyl Ether

Concen: 49.167 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VN062100.D

Acq: 25 Jun 2020 10:18

Instrument :

MSVOA_N

ClientSampleId :

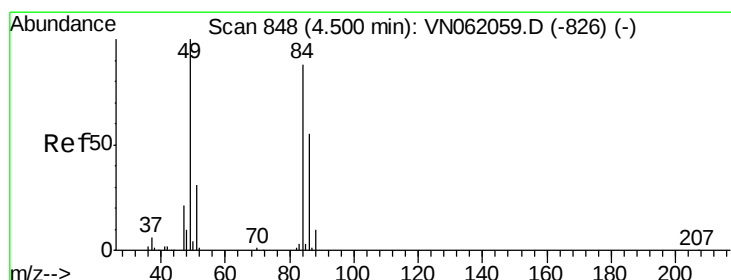
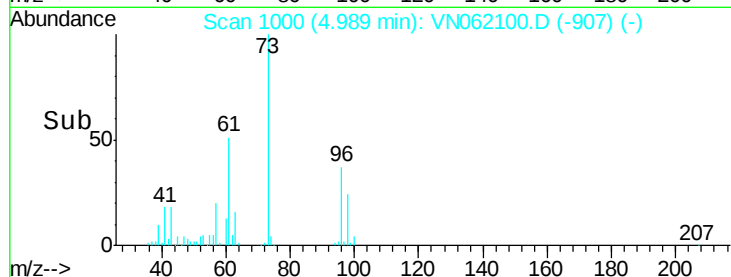
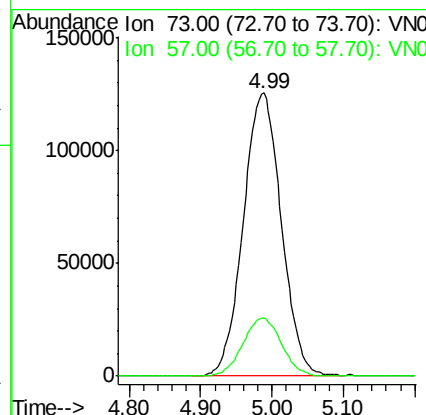
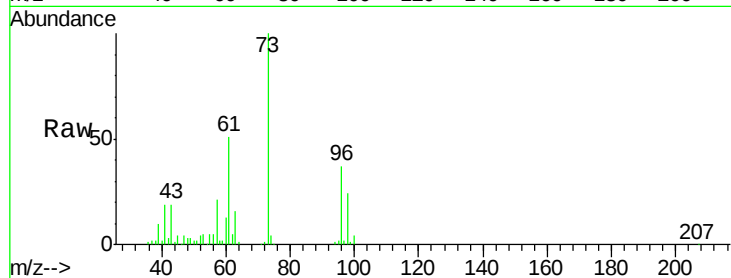
VSTDCCC050

Tgt Ion: 73 Resp: 465243

Ion Ratio Lower Upper

73 100

57 20.6 16.6 24.8



#20

Methylene Chloride

Concen: 49.983 ug/l

RT: 4.50 min Scan# 847

Delta R.T. -0.00 min

Lab File: VN062100.D

Acq: 25 Jun 2020 10:18

Tgt Ion: 84 Resp: 166061

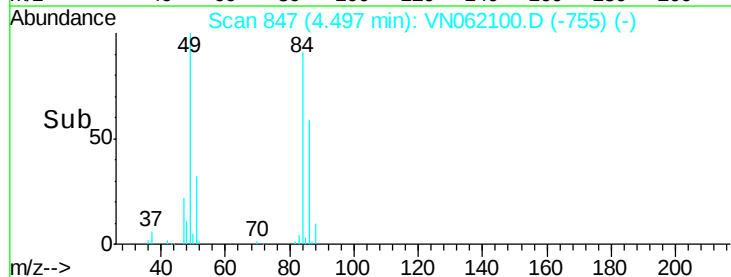
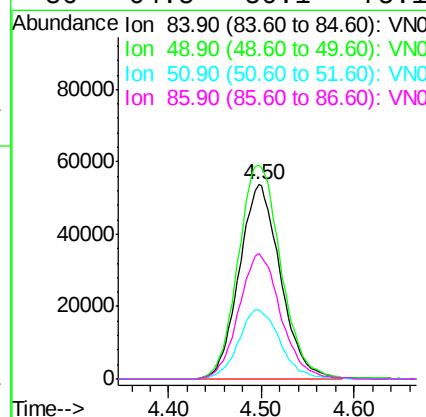
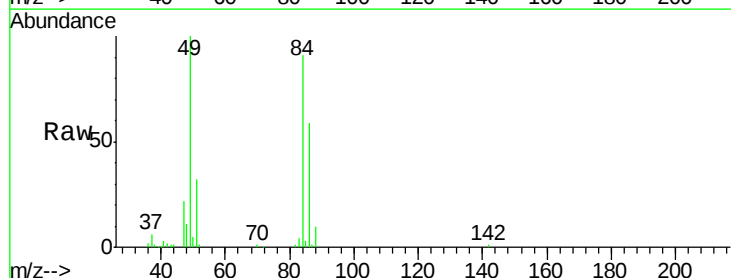
Ion Ratio Lower Upper

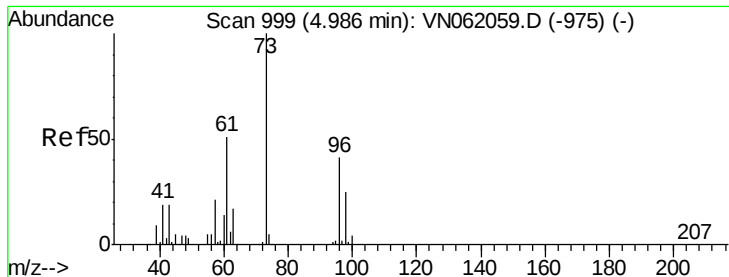
84 100

49 109.9 90.6 136.0

51 35.4 27.8 41.8

86 64.5 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 46.369 ug/l

RT: 4.98 min Scan# 998

Delta R.T. -0.00 min

Lab File: VN062100.D

Acq: 25 Jun 2020 10:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

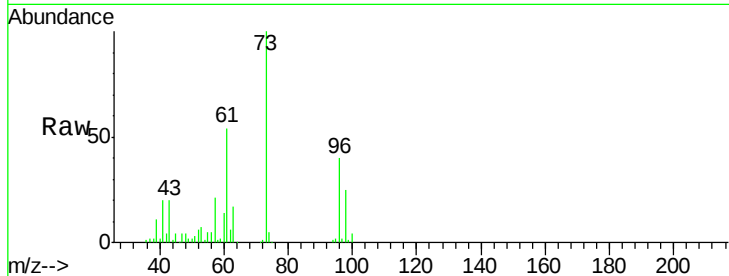
Tgt Ion: 96 Resp: 156423

Ion Ratio Lower Upper

96 100

61 134.3 101.4 152.2

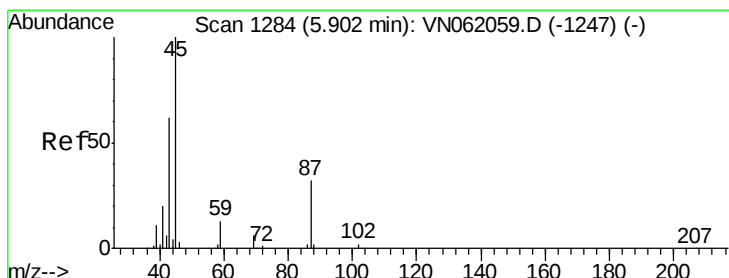
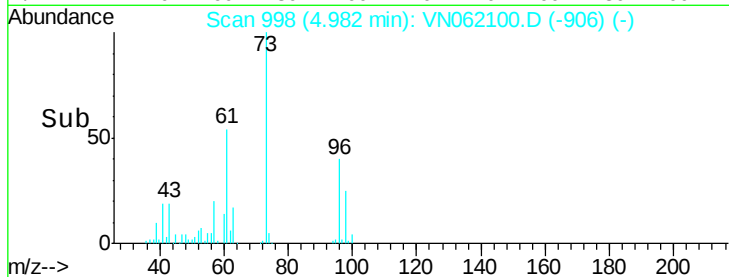
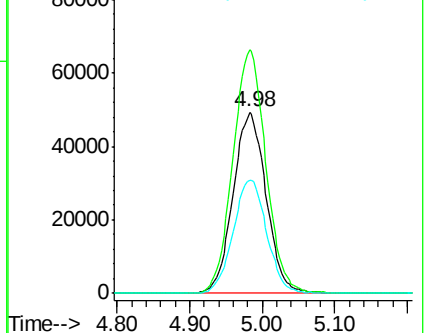
98 62.5 49.3 73.9



Abundance Ion 95.90 (95.60 to 96.60): VN062100.D (-906) (-)

Ion 60.90 (60.60 to 61.60): VN062100.D (-906) (-)

Ion 97.90 (97.60 to 98.60): VN062100.D (-906) (-)



#22

Diisopropyl ether

Concen: 48.713 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. -0.01 min

Lab File: VN062100.D

Acq: 25 Jun 2020 10:18

Tgt Ion: 45 Resp: 447178

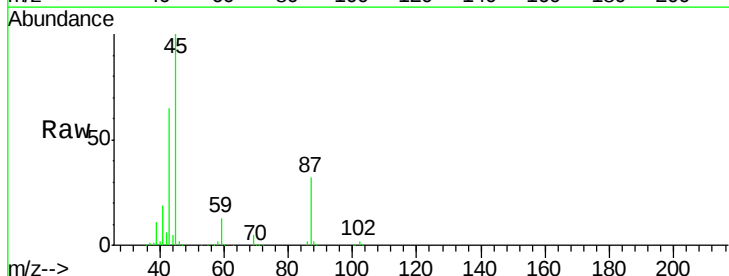
Ion Ratio Lower Upper

45 100

43 63.9 49.7 74.5

87 31.8 25.9 38.9

59 13.0 10.6 16.0

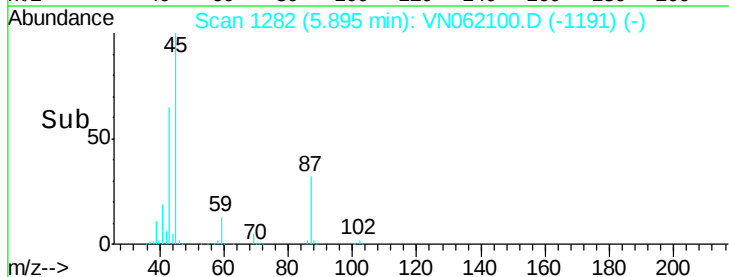
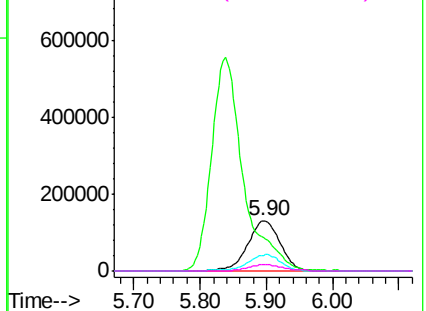


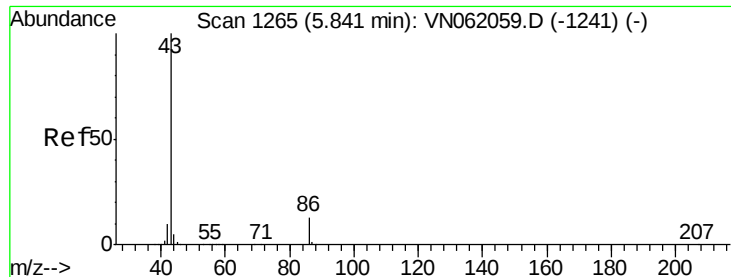
Abundance Ion 45.00 (44.70 to 45.70): VN062100.D (-1191) (-)

Ion 43.00 (42.70 to 43.70): VN062100.D (-1191) (-)

Ion 87.00 (86.70 to 87.70): VN062100.D (-1191) (-)

Ion 59.00 (58.70 to 59.70): VN062100.D (-1191) (-)





#23

Vinyl Acetate

Concen: 246.719 ug/l

RT: 5.84 min Scan# 1264

Delta R.T. -0.00 min

Lab File: VN062100.D

Acq: 25 Jun 2020 10:18

Instrument :

MSVOA_N

ClientSampleId :

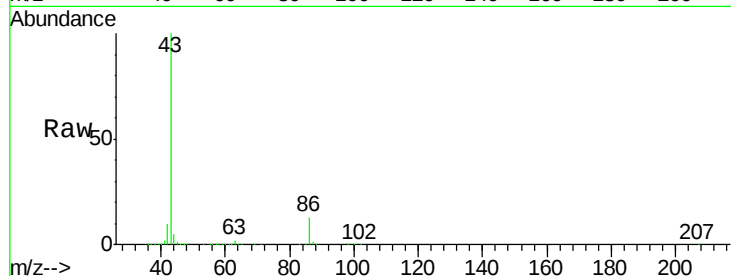
VSTDCCC050

Tgt Ion: 43 Resp: 1849107

Ion Ratio Lower Upper

43 100

86 12.6 10.1 15.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.84

600000

500000

400000

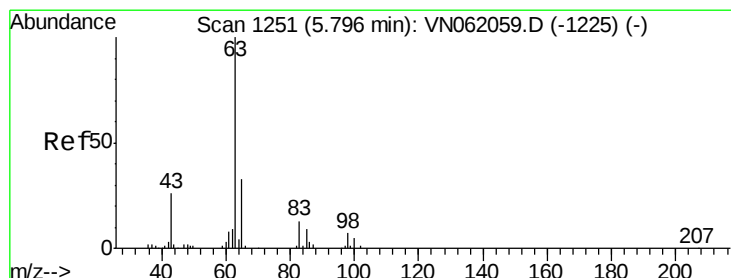
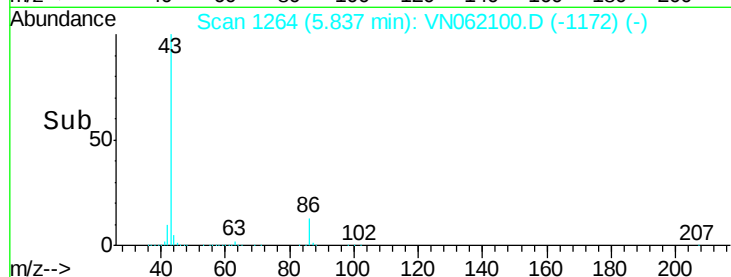
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 47.507 ug/l

RT: 5.79 min Scan# 1250

Delta R.T. -0.00 min

Lab File: VN062100.D

Acq: 25 Jun 2020 10:18

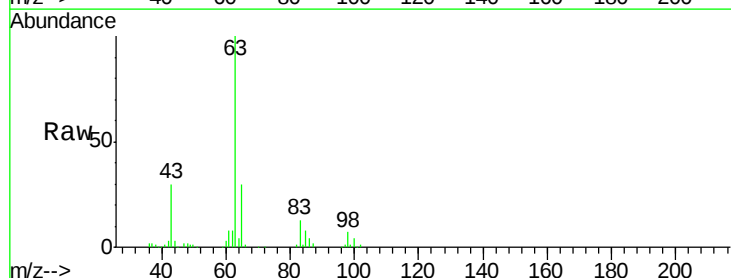
Tgt Ion: 63 Resp: 280824

Ion Ratio Lower Upper

63 100

98 7.4 3.6 10.9

100 4.5 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

120000

100000

80000

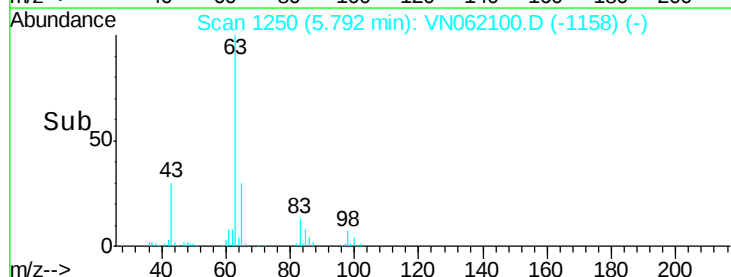
60000

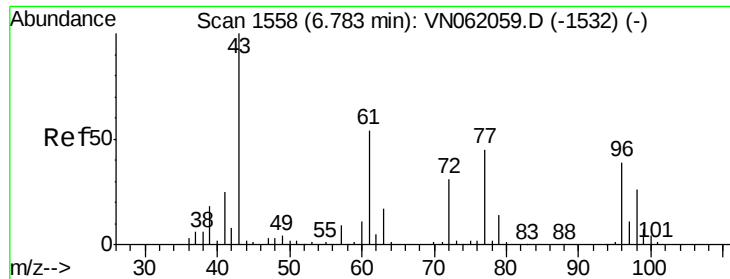
40000

20000

0

Time-->

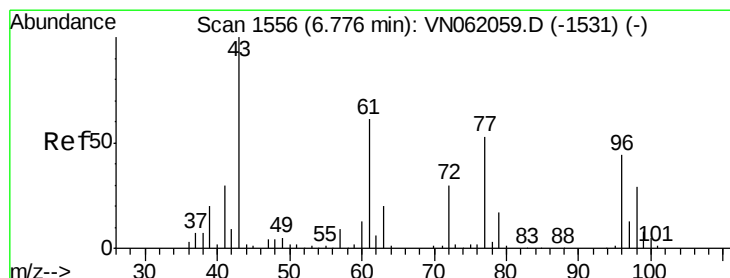
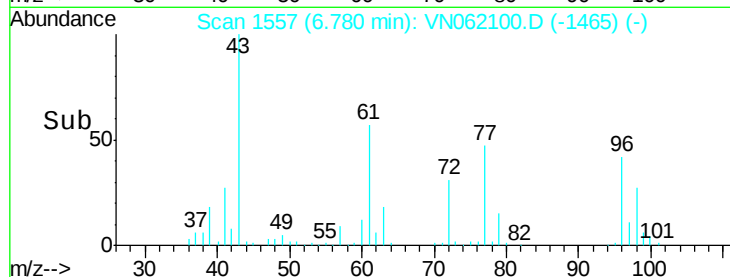
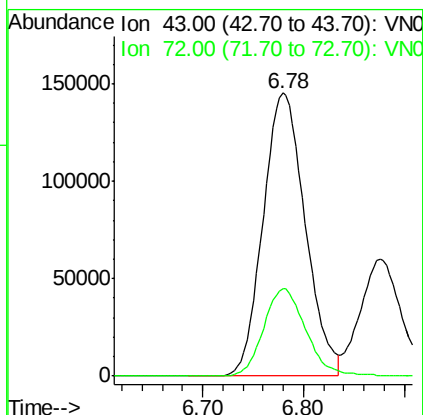
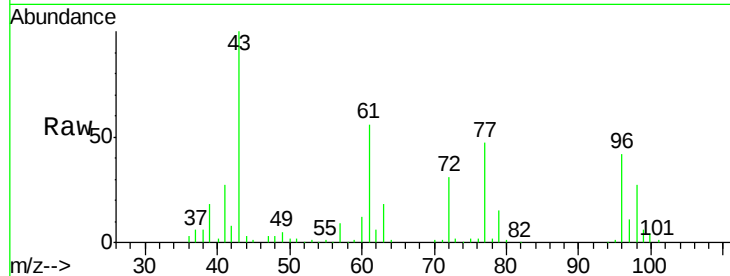




#25
2-Butanone
Concen: 238.458 ug/l
RT: 6.78 min Scan# 1557
Delta R.T. -0.00 min
Lab File: VN062100.D
Acq: 25 Jun 2020 10:18

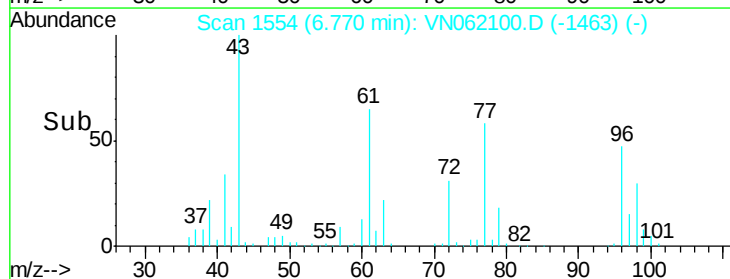
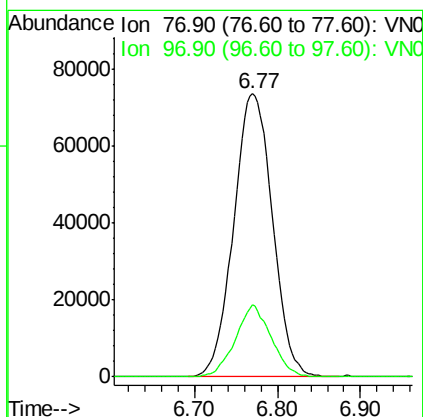
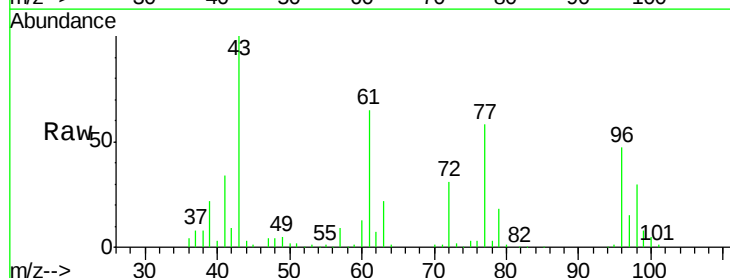
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

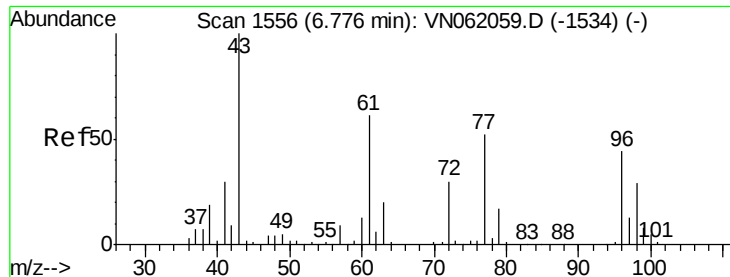
Tgt Ion: 43 Resp: 421827
Ion Ratio Lower Upper
43 100
72 31.0 24.8 37.2



#26
2,2-Dichloropropane
Concen: 48.558 ug/l
RT: 6.77 min Scan# 1554
Delta R.T. -0.01 min
Lab File: VN062100.D
Acq: 25 Jun 2020 10:18

Tgt Ion: 77 Resp: 239192
Ion Ratio Lower Upper
77 100
97 23.5 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 46.968 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.00 min

Lab File: VN062100.D

Acq: 25 Jun 2020 10:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

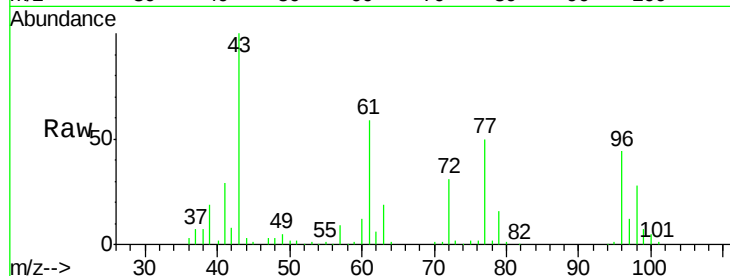
Tgt Ion: 96 Resp: 178290

Ion Ratio Lower Upper

96 100

61 140.4 0.0 280.4

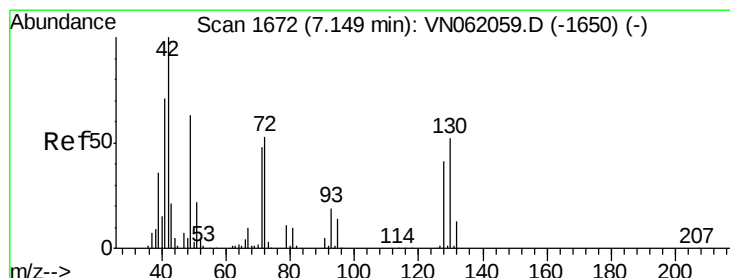
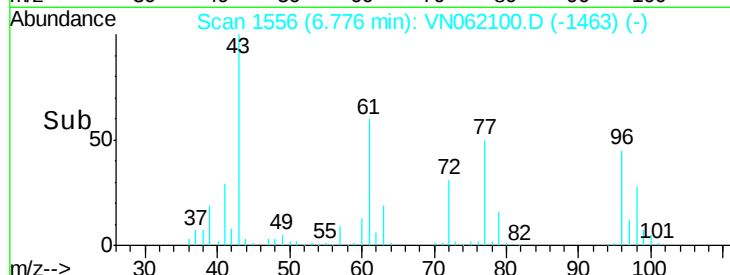
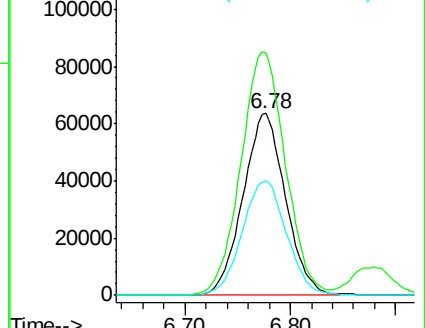
98 65.6 0.0 129.4



Abundance Ion 95.90 (95.60 to 96.60): VN062100.D (-1463) (-)

Ion 60.90 (60.60 to 61.60): VN062100.D (-1463) (-)

Ion 97.90 (97.60 to 98.60): VN062100.D (-1463) (-)



#28

Bromochloromethane

Concen: 46.959 ug/l

RT: 7.15 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VN062100.D

Acq: 25 Jun 2020 10:18

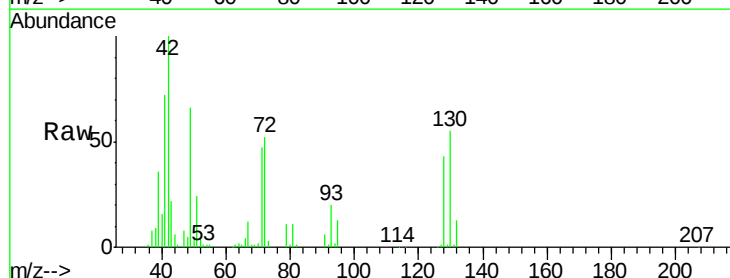
Tgt Ion: 49 Resp: 120440

Ion Ratio Lower Upper

49 100

129 1.2 0.0 4.4

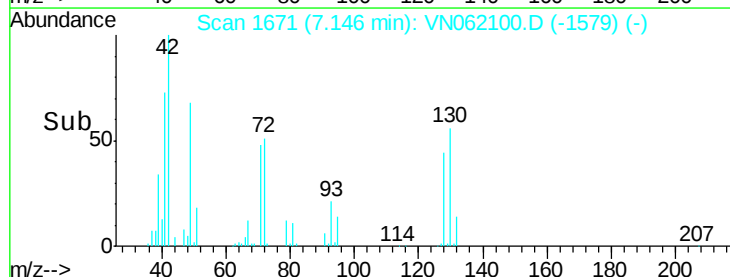
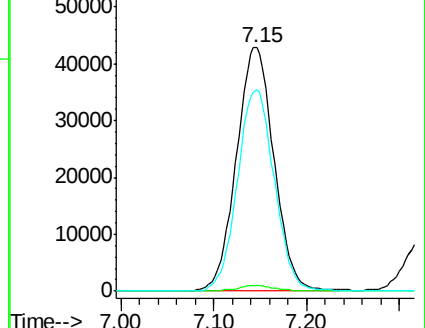
130 81.1 65.5 98.3

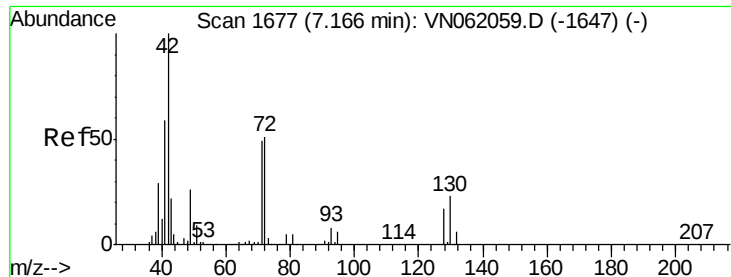


Abundance Ion 48.90 (48.60 to 49.60): VN062100.D (-1579) (-)

Ion 128.80 (128.50 to 129.50): VN062100.D (-1579) (-)

Ion 129.80 (129.50 to 130.50): VN062100.D (-1579) (-)

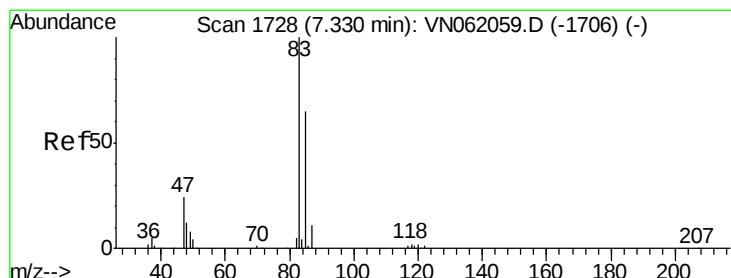
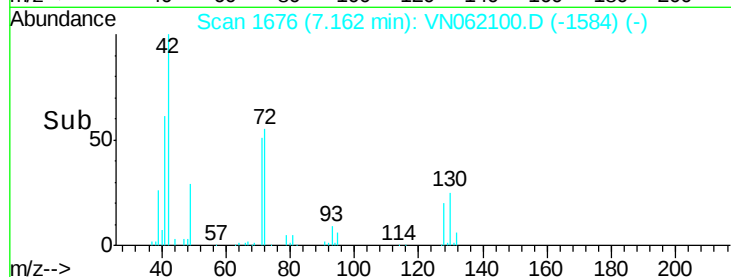
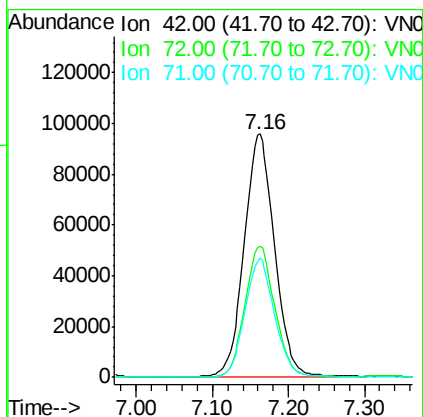
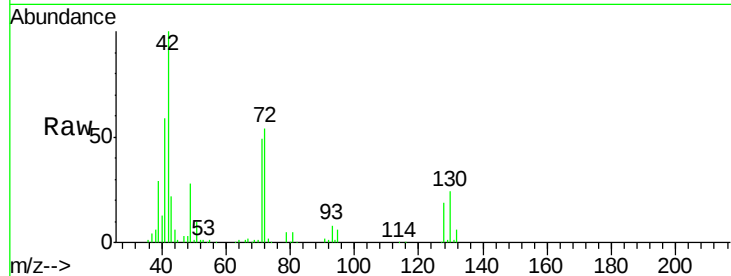




#29
Tetrahydrofuran
Concen: 228.752 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. -0.00 min
Lab File: VN062100.D
Acq: 25 Jun 2020 10:18

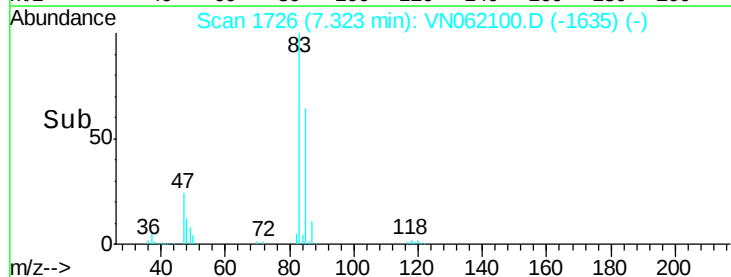
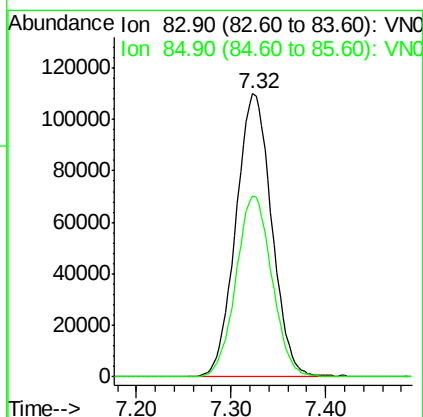
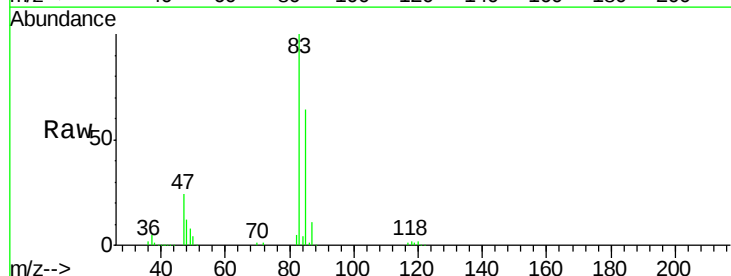
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

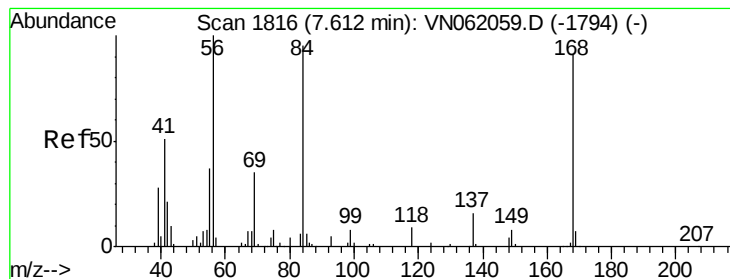
Tgt Ion: 42 Resp: 265070
Ion Ratio Lower Upper
42 100
72 53.4 41.1 61.7
71 47.9 38.2 57.4



#30
Chloroform
Concen: 48.161 ug/l
RT: 7.32 min Scan# 1726
Delta R.T. -0.01 min
Lab File: VN062100.D
Acq: 25 Jun 2020 10:18

Tgt Ion: 83 Resp: 289654
Ion Ratio Lower Upper
83 100
85 63.9 52.3 78.5





#31

Cyclohexane

Concen: 47.069 ug/l

RT: 7.61 min Scan# 1815

Delta R.T. -0.00 min

Lab File: VN062100.D

Acq: 25 Jun 2020 10:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

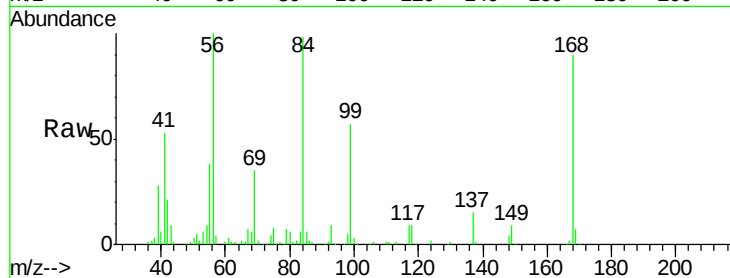
Tgt Ion: 56 Resp: 235352

Ion Ratio Lower Upper

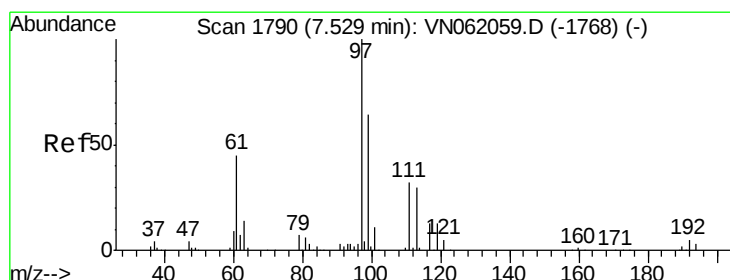
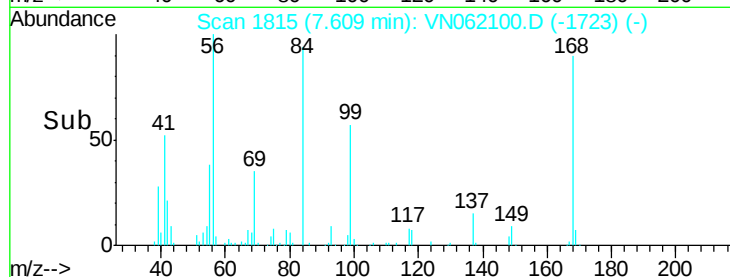
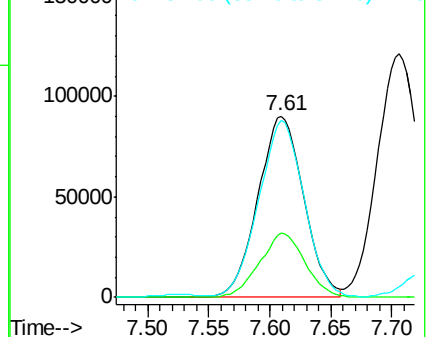
56 100

69 35.2 28.0 42.0

84 96.5 76.1 114.1



Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO



#32

1,1,1-Trichloroethane

Concen: 47.743 ug/l

RT: 7.53 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VN062100.D

Acq: 25 Jun 2020 10:18

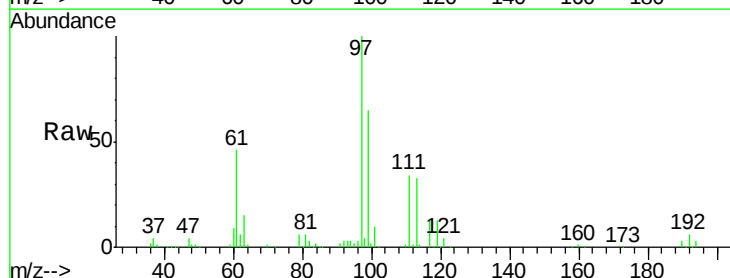
Tgt Ion: 97 Resp: 242150

Ion Ratio Lower Upper

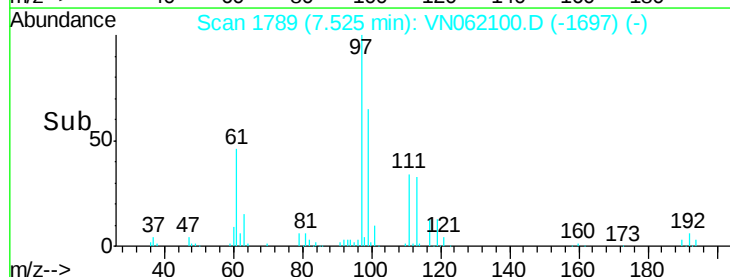
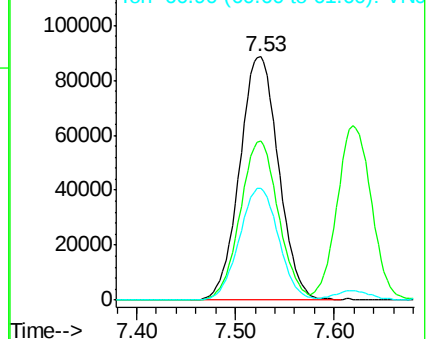
97 100

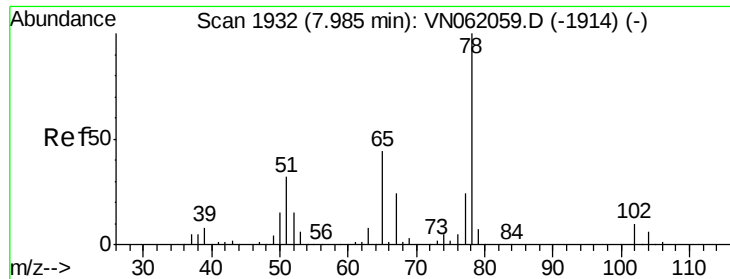
99 64.2 51.0 76.4

61 46.3 36.2 54.2



Abundance Ion 96.90 (96.60 to 97.60): VNO
Ion 98.90 (98.60 to 99.60): VNO
Ion 60.90 (60.60 to 61.60): VNO

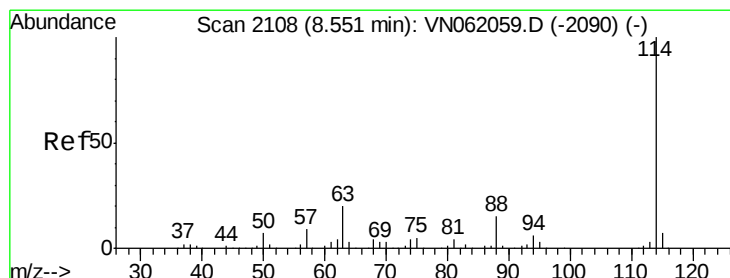
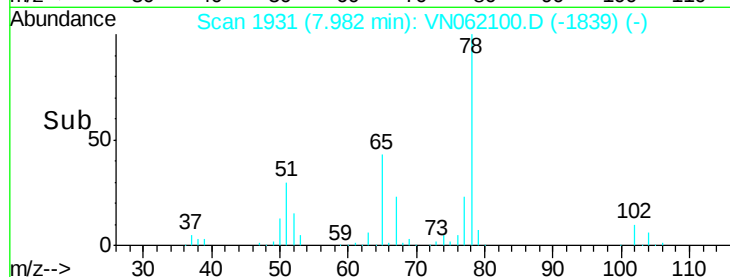
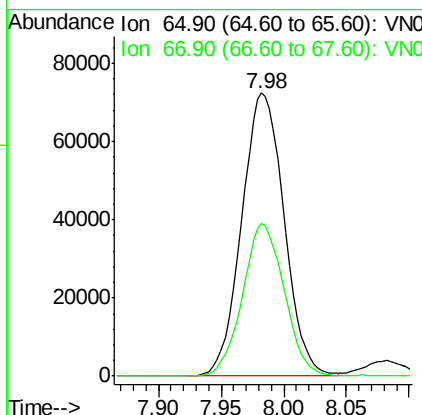
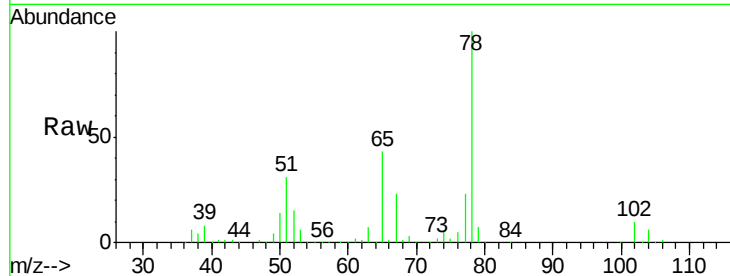




#33
 1,2-Dichloroethane-d4
 Concen: 47.047 ug/l
 RT: 7.98 min Scan# 1931
 Delta R.T. -0.00 min
 Lab File: VN062100.D
 Acq: 25 Jun 2020 10:18

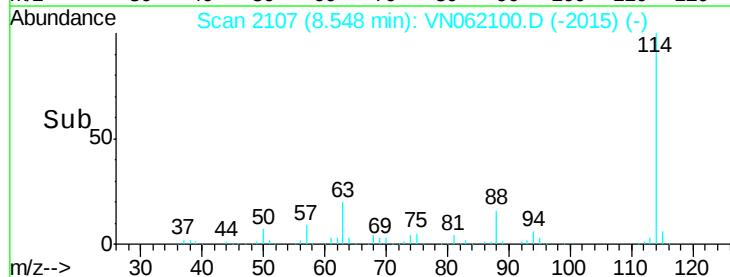
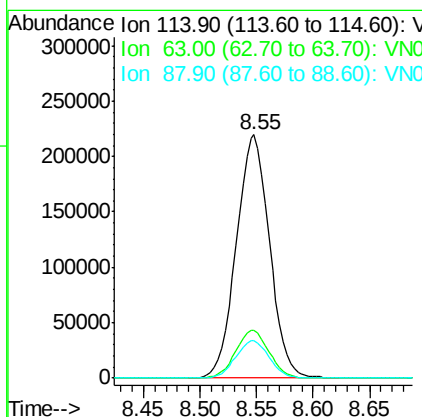
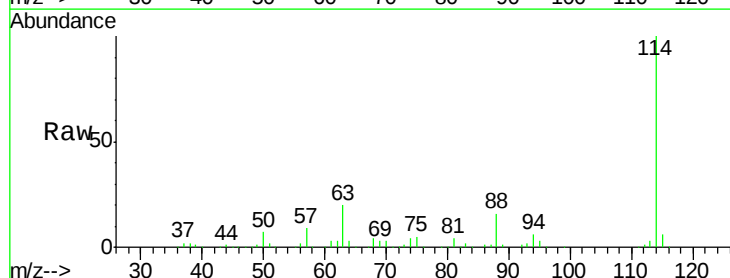
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 65 Resp: 170270
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062100.D
 Acq: 25 Jun 2020 10:18

Tgt Ion: 114 Resp: 449438
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.2
 88 15.5 0.0 30.8

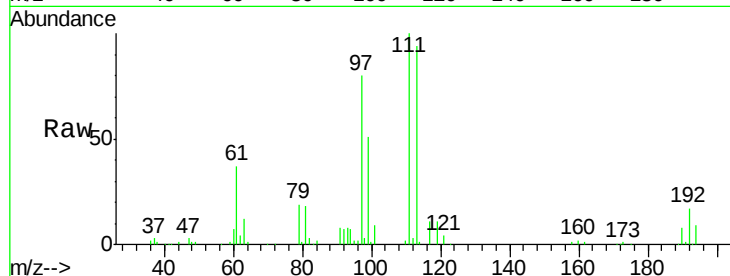




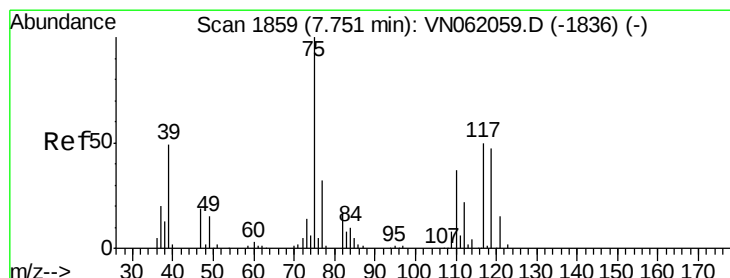
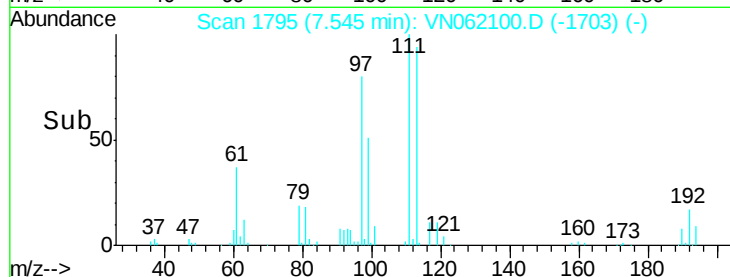
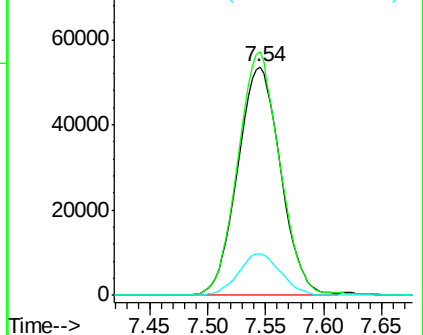
#35
 Dibromofluoromethane
 Concen: 47.889 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VN062100.D
 Acq: 25 Jun 2020 10:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:113 Resp: 138080
 Ion Ratio Lower Upper
 113 100
 111 103.4 82.2 123.4
 192 18.0 14.0 21.0

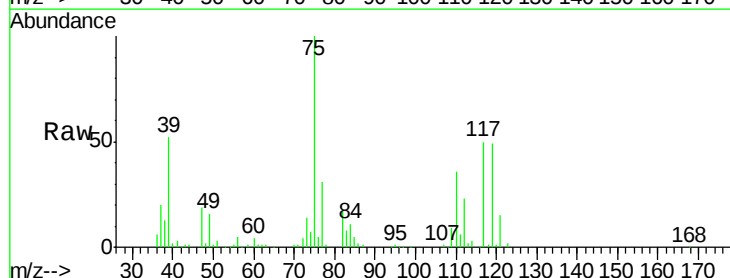


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

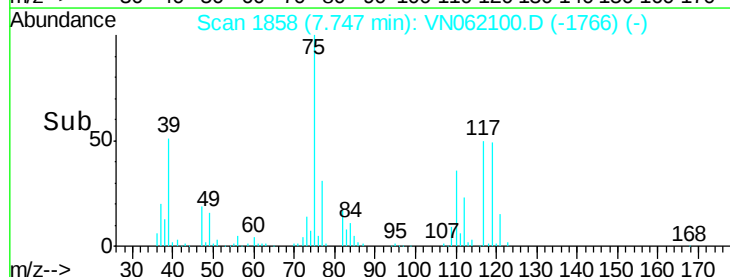
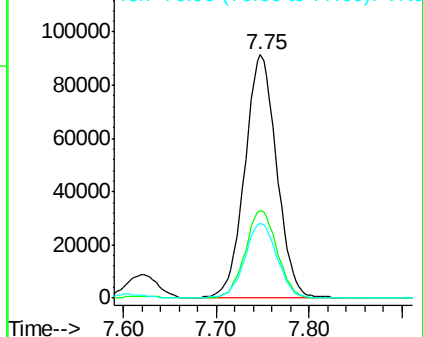


#36
 1,1-Dichloropropene
 Concen: 48.139 ug/l
 RT: 7.75 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: VN062100.D
 Acq: 25 Jun 2020 10:18

Tgt Ion: 75 Resp: 217471
 Ion Ratio Lower Upper
 75 100
 110 36.1 17.9 53.8
 77 31.3 24.9 37.3



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

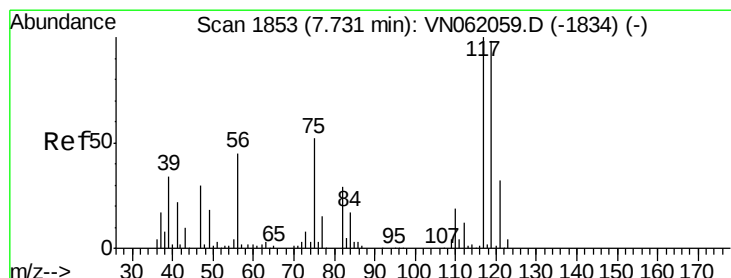
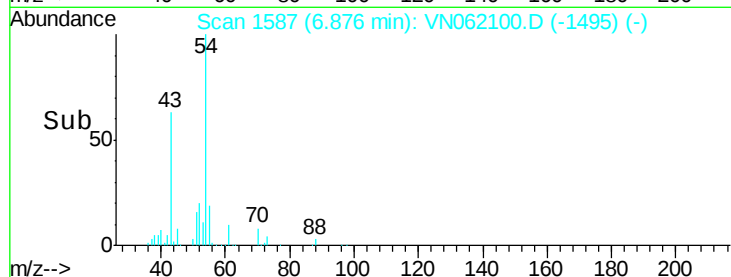
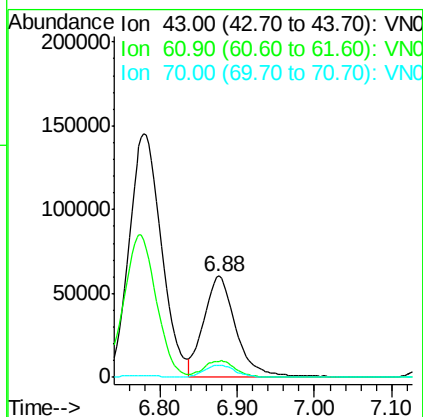
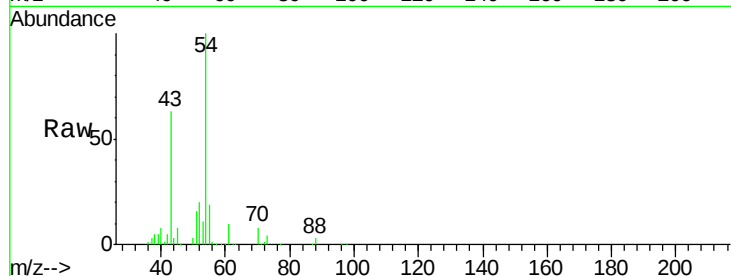




#37
 Ethyl Acetate
 Concen: 46.866 ug/l
 RT: 6.88 min Scan# 1587
 Delta R.T. -0.00 min
 Lab File: VN062100.D
 Acq: 25 Jun 2020 10:18

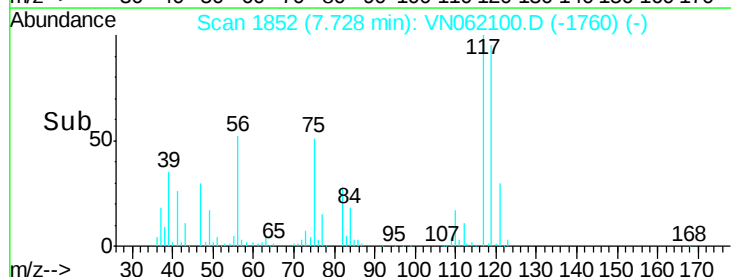
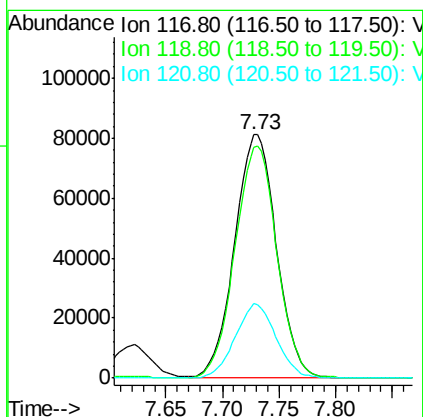
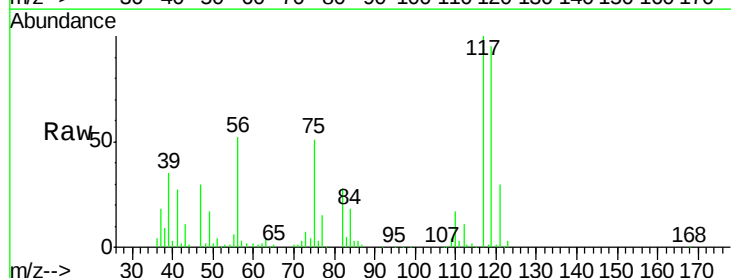
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 175316
 Ion Ratio Lower Upper
 43 100
 61 15.8 12.0 18.0
 70 11.9 9.6 14.4



#38
 Carbon Tetrachloride
 Concen: 48.774 ug/l
 RT: 7.73 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VN062100.D
 Acq: 25 Jun 2020 10:18

Tgt Ion: 117 Resp: 207730
 Ion Ratio Lower Upper
 117 100
 119 94.7 78.2 117.2
 121 30.5 25.8 38.6

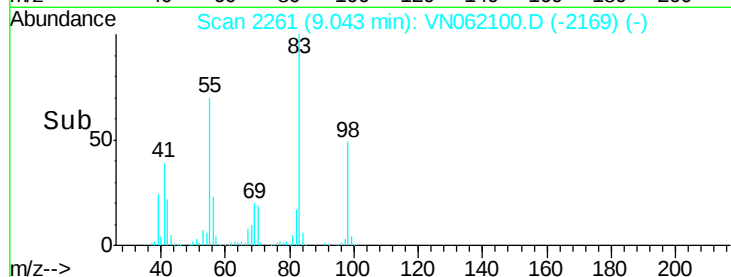
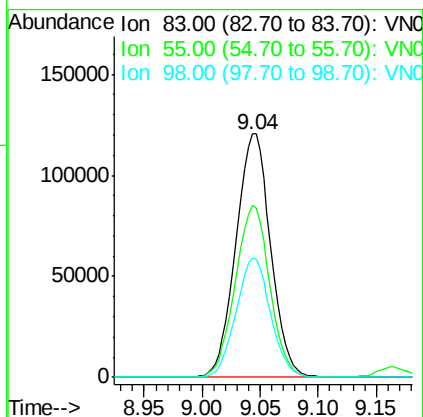
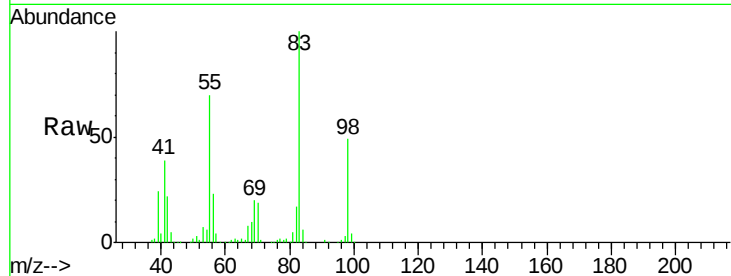




#39
Methylcyclohexane
Concen: 50.643 ug/l
RT: 9.04 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VN062100.D
Acq: 25 Jun 2020 10:18

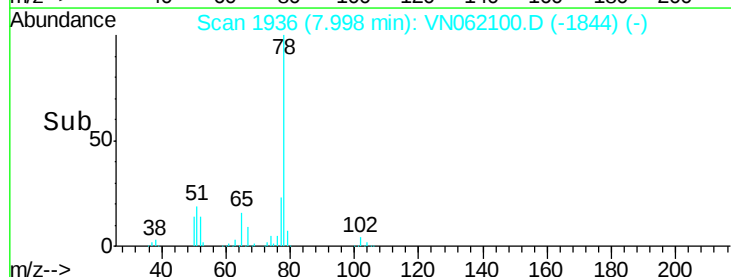
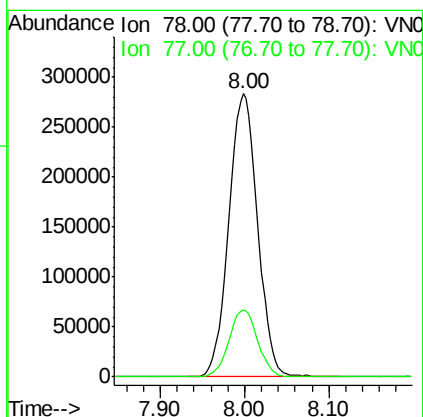
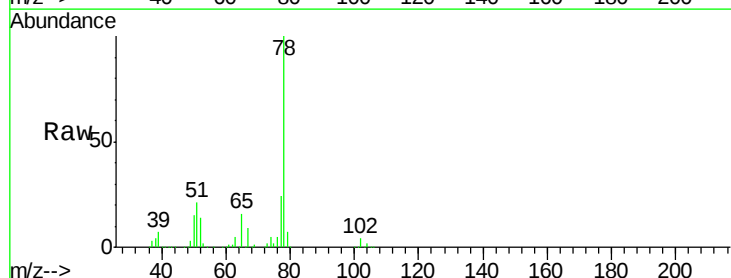
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

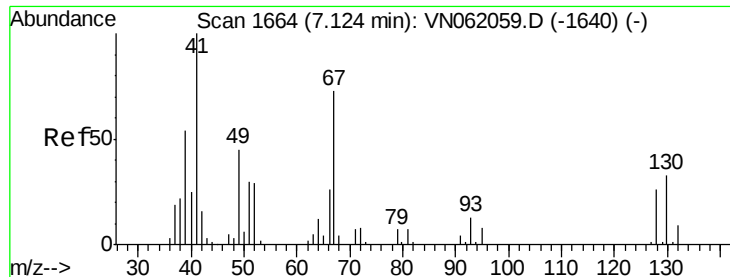
Tgt Ion: 83 Resp: 250674
Ion Ratio Lower Upper
83 100
55 70.5 57.0 85.6
98 48.9 39.0 58.6



#40
Benzene
Concen: 48.850 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VN062100.D
Acq: 25 Jun 2020 10:18

Tgt Ion: 78 Resp: 672628
Ion Ratio Lower Upper
78 100
77 23.6 19.5 29.3

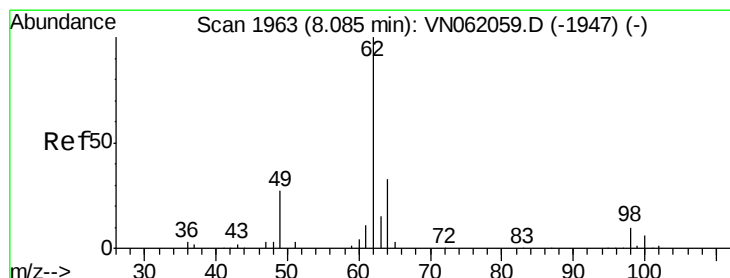
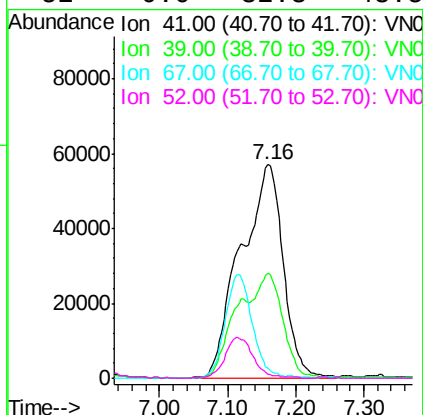
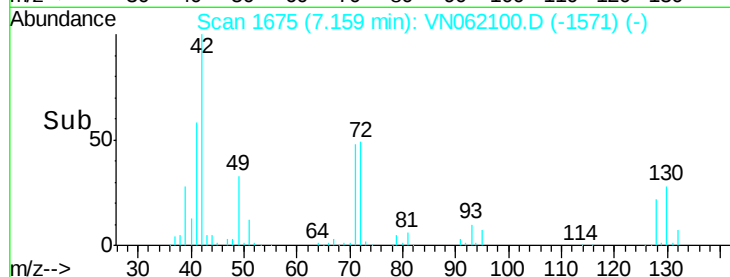
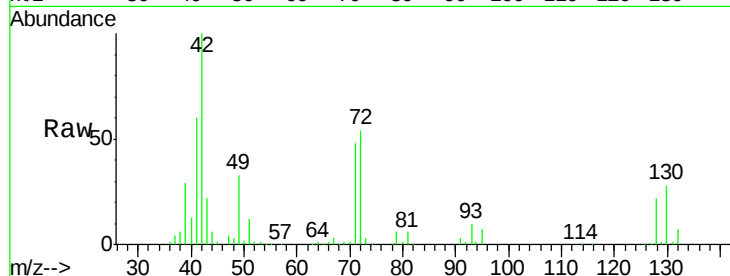




#41
Methacrylonitrile
Concen: 142.346 ug/l
RT: 7.16 min Scan# 1675
Delta R.T. 0.04 min
Lab File: VN062100.D
Acq: 25 Jun 2020 10:18

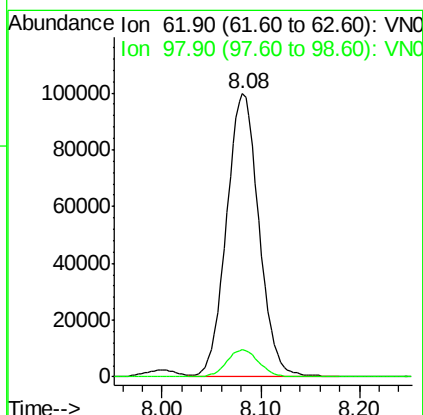
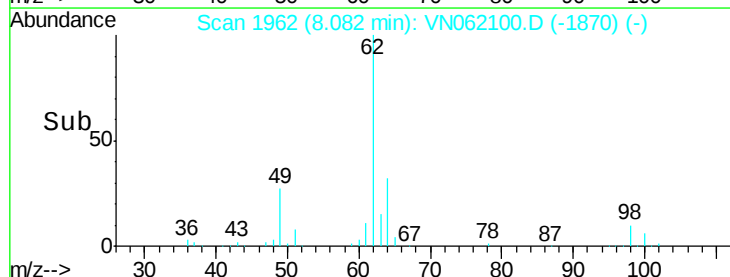
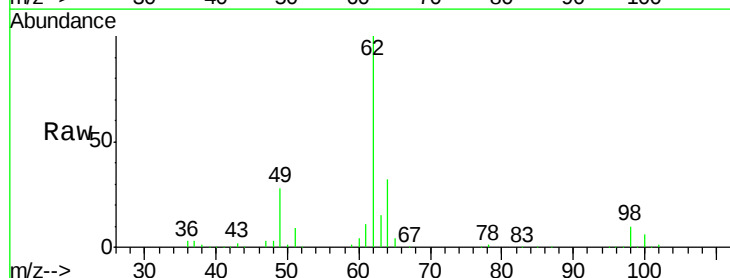
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

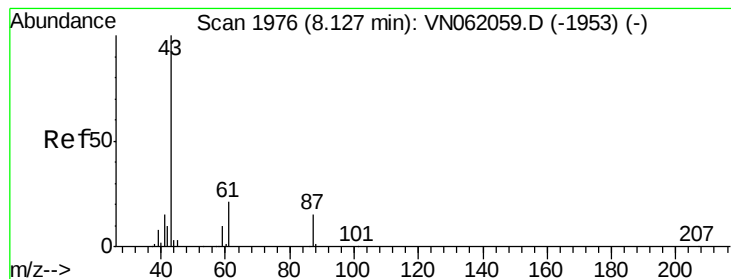
Tgt Ion: 41 Resp: 246862
Ion Ratio Lower Upper
41 100
39 0.0 44.2 66.2#
67 0.0 79.5 119.3#
52 0.0 32.3 48.5#



#42
1,2-Dichloroethane
Concen: 49.083 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN062100.D
Acq: 25 Jun 2020 10:18

Tgt Ion: 62 Resp: 228341
Ion Ratio Lower Upper
62 100
98 9.6 0.0 19.8





#43

Isopropyl Acetate

Concen: 47.862 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN062100.D

Acq: 25 Jun 2020 10:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

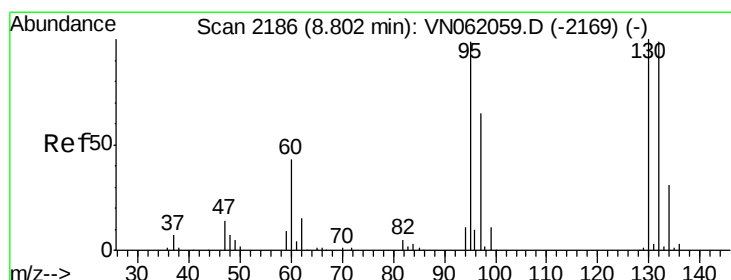
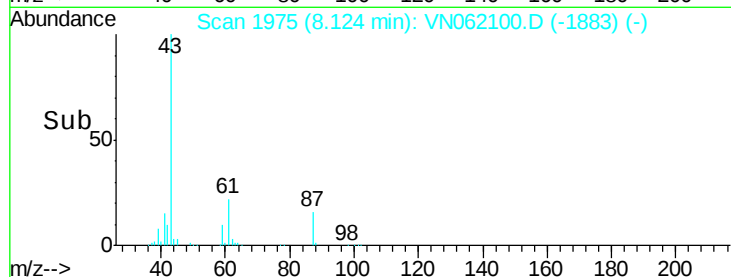
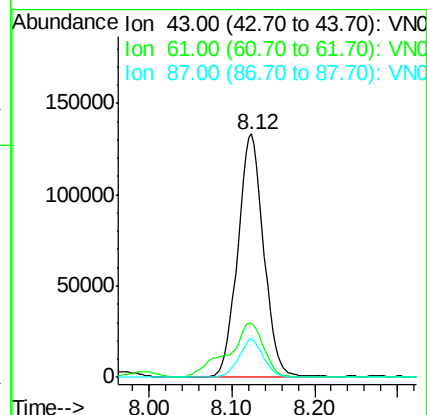
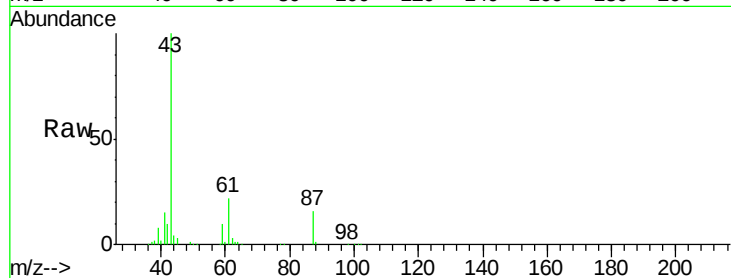
Tgt Ion: 43 Resp: 291863

Ion Ratio Lower Upper

43 100

61 30.9 17.2 25.8#

87 14.8 12.1 18.1



#44

Trichloroethene

Concen: 47.864 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN062100.D

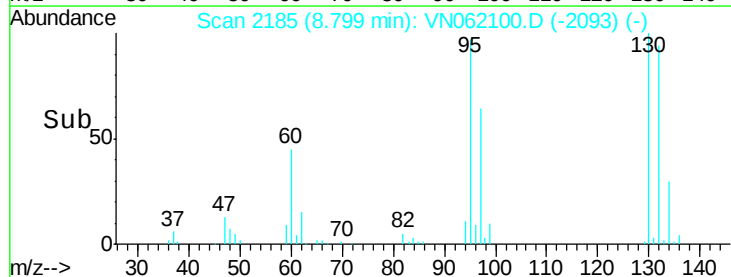
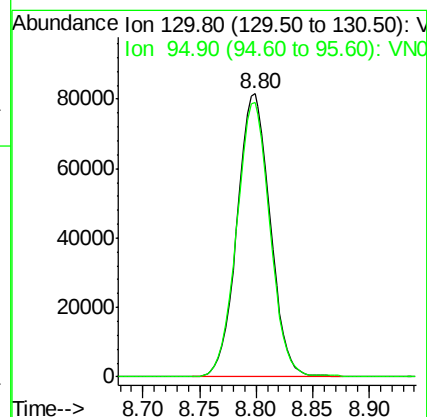
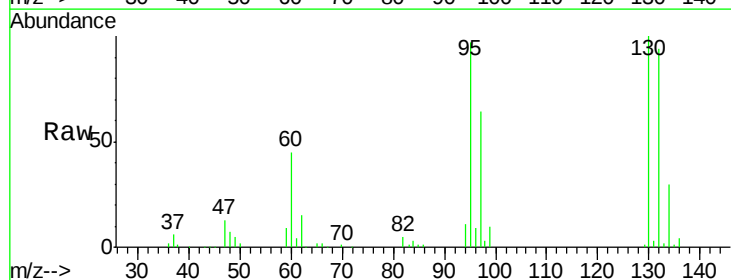
Acq: 25 Jun 2020 10:18

Tgt Ion: 130 Resp: 166249

Ion Ratio Lower Upper

130 100

95 97.0 0.0 197.8

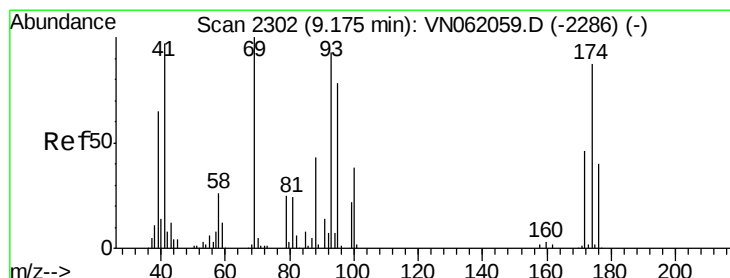
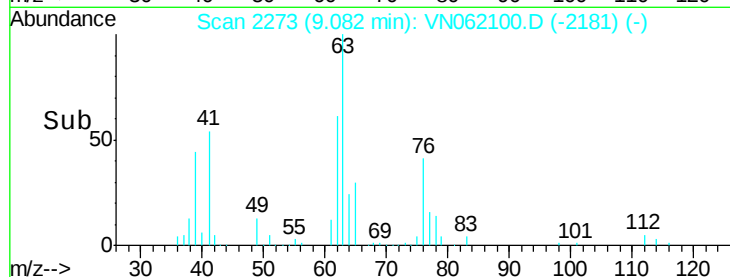
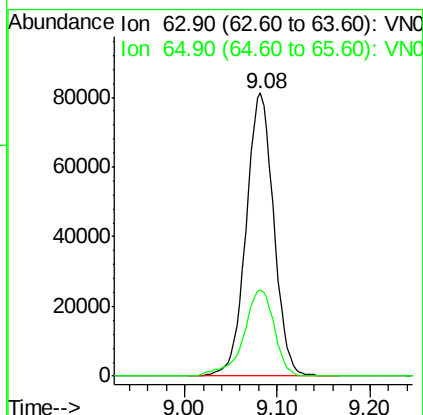
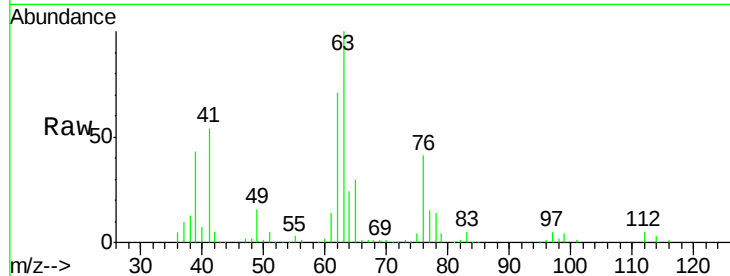




#45
 1,2-Dichloropropane
 Concen: 49.416 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN062100.D
 Acq: 25 Jun 2020 10:18

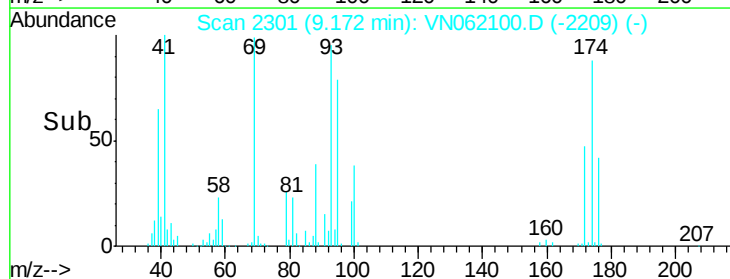
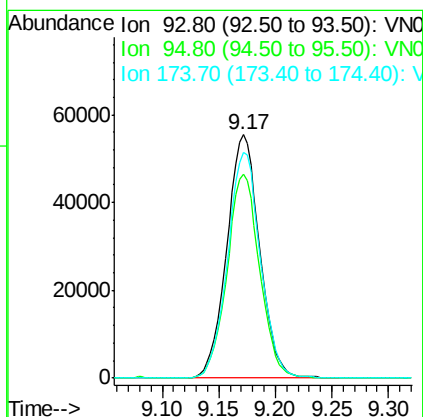
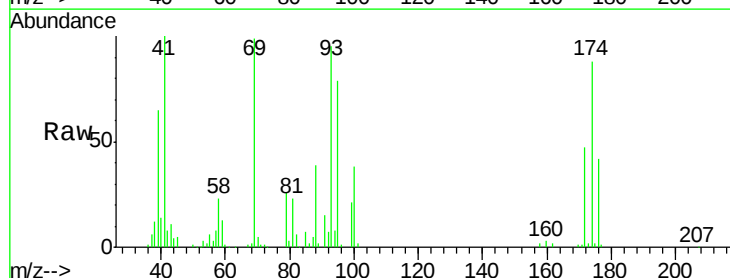
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 63 Resp: 167863
 Ion Ratio Lower Upper
 63 100
 65 30.5 25.0 37.4



#46
 Dibromomethane
 Concen: 48.649 ug/l
 RT: 9.17 min Scan# 2301
 Delta R.T. -0.00 min
 Lab File: VN062100.D
 Acq: 25 Jun 2020 10:18

Tgt Ion: 93 Resp: 112046
 Ion Ratio Lower Upper
 93 100
 95 83.3 67.0 100.6
 174 92.7 74.4 111.6





#47

Bromodichloromethane

Concen: 49.805 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN062100.D

Acq: 25 Jun 2020 10:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

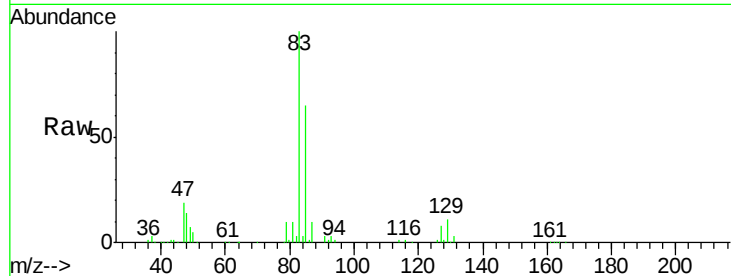
Tgt Ion: 83 Resp: 231612

Ion Ratio Lower Upper

83 100

85 64.7 50.3 75.5

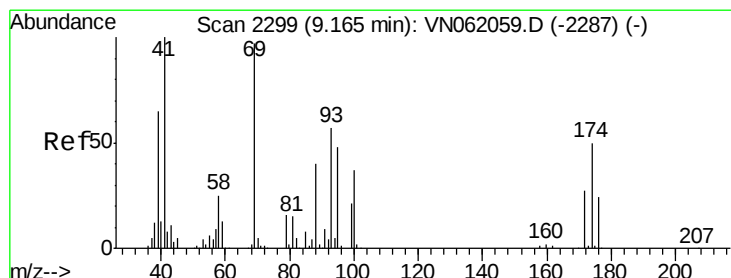
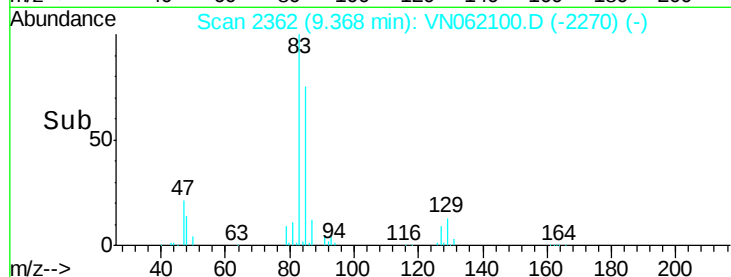
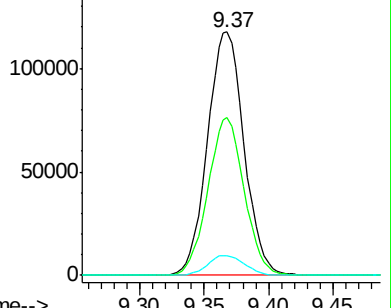
127 8.2 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN062100.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN062100.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN062100.D (-2270) (-)



#48

Methyl methacrylate

Concen: 48.980 ug/l

RT: 9.16 min Scan# 2298

Delta R.T. -0.00 min

Lab File: VN062100.D

Acq: 25 Jun 2020 10:18

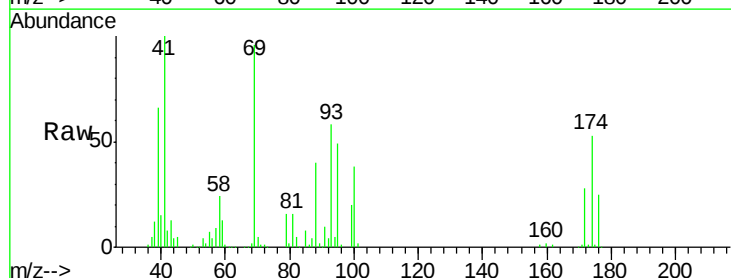
Tgt Ion: 41 Resp: 133920

Ion Ratio Lower Upper

41 100

69 100.7 80.7 121.1

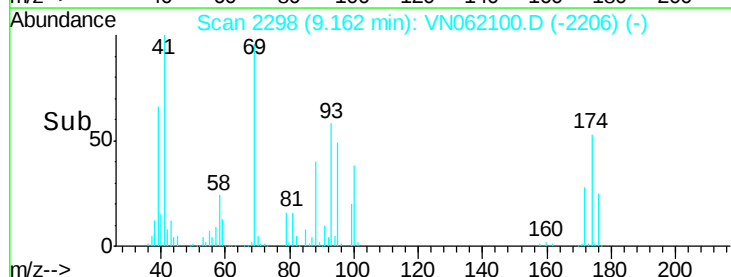
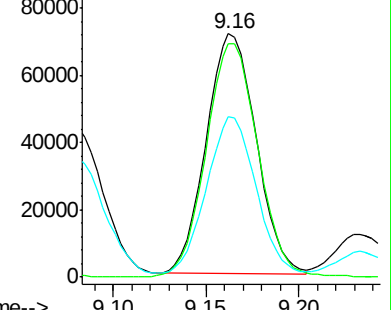
39 66.9 54.5 81.7



Abundance Ion 41.00 (40.70 to 41.70): VN062100.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN062100.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN062100.D (-2206) (-)

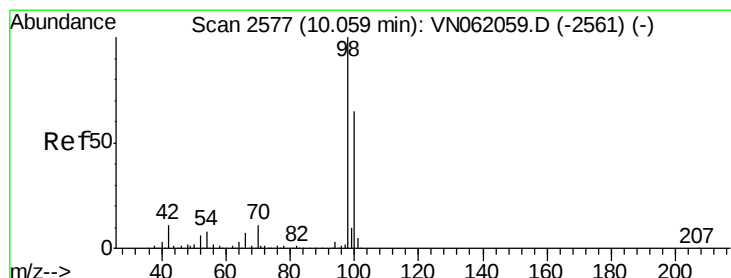
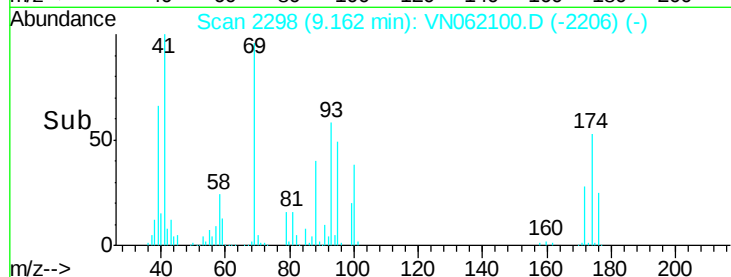
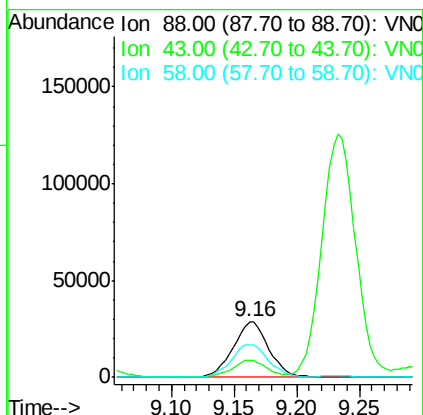
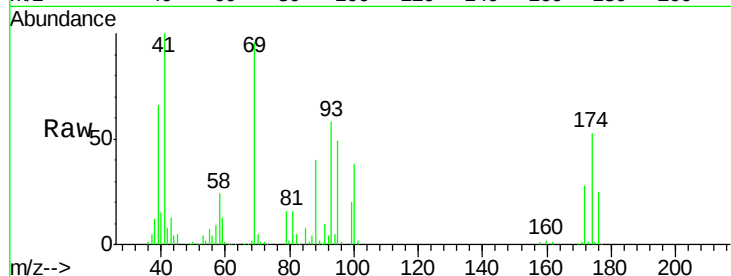




#49
1,4-Dioxane
Concen: 940.396 ug/l
RT: 9.16 min Scan# 2298
Delta R.T. -0.00 min
Lab File: VN062100.D
Acq: 25 Jun 2020 10:18

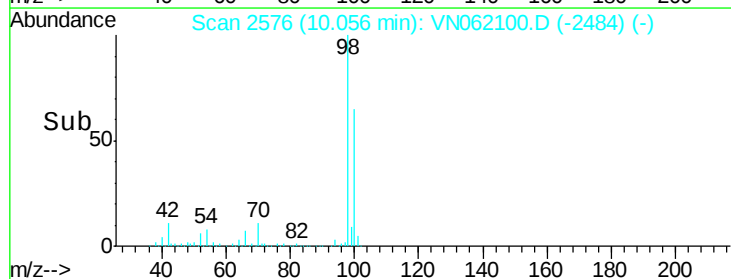
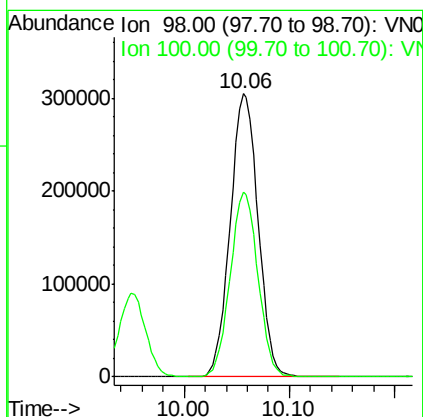
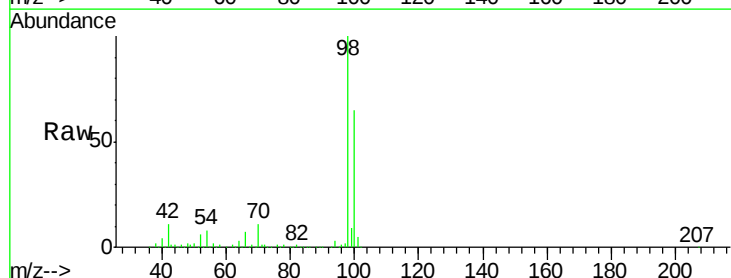
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

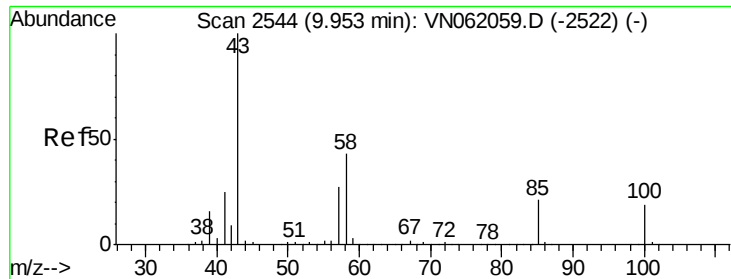
Tgt Ion: 88 Resp: 57020
Ion Ratio Lower Upper
88 100
43 28.6 22.0 33.0
58 61.1 49.2 73.8



#50
Toluene-d8
Concen: 48.472 ug/l
RT: 10.06 min Scan# 2576
Delta R.T. -0.00 min
Lab File: VN062100.D
Acq: 25 Jun 2020 10:18

Tgt Ion: 98 Resp: 558671
Ion Ratio Lower Upper
98 100
100 64.6 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 243.544 ug/l

RT: 9.95 min Scan# 2543

Delta R.T. -0.00 min

Lab File: VN062100.D

Acq: 25 Jun 2020 10:18

Instrument :

MSVOA_N

ClientSampleId :

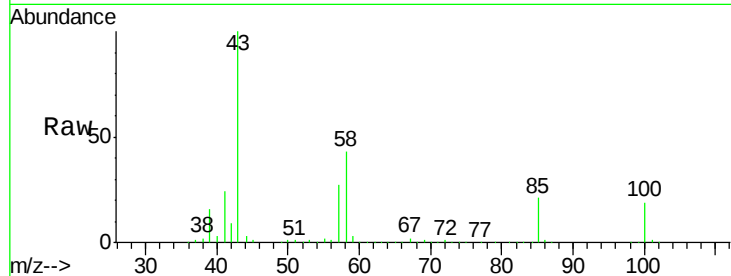
VSTDCCC050

Tgt Ion: 43 Resp: 867705

Ion Ratio Lower Upper

43 100

58 43.3 34.2 51.2



Abundance Ion 43.00 (42.70 to 43.70): VN062100.D (-2522) (-)

Ion 58.00 (57.70 to 58.70): VN062100.D (-2522) (-)

9.95

500000

400000

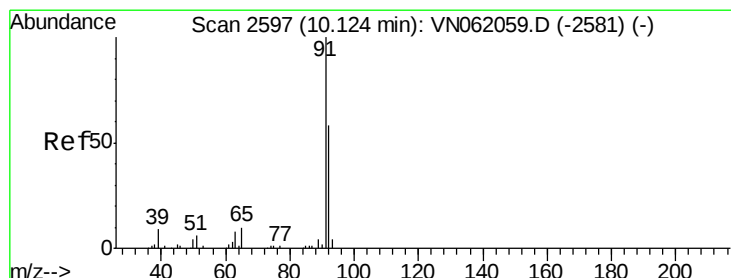
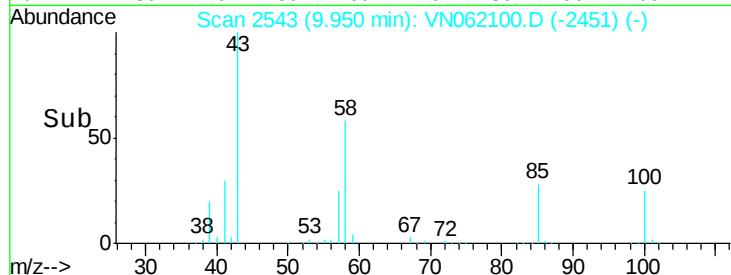
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 51.275 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062100.D

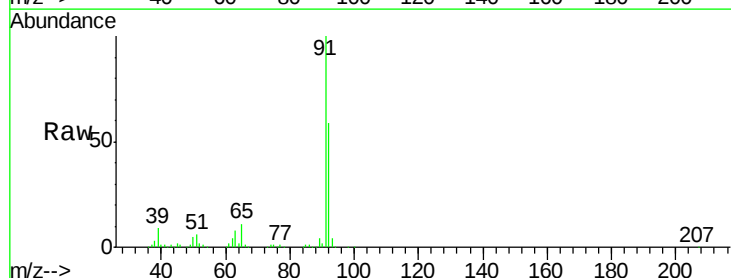
Acq: 25 Jun 2020 10:18

Tgt Ion: 92 Resp: 430779

Ion Ratio Lower Upper

92 100

91 171.1 137.4 206.0



Abundance Ion 92.00 (91.70 to 92.70): VN062100.D (-2581) (-)

Ion 91.00 (90.70 to 91.70): VN062100.D (-2581) (-)

10.12

400000

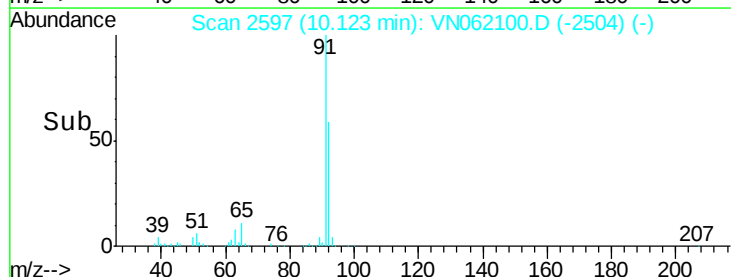
300000

200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 50.829 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062100.D

Acq: 25 Jun 2020 10:18

Instrument :

MSVOA_N

ClientSampleId :

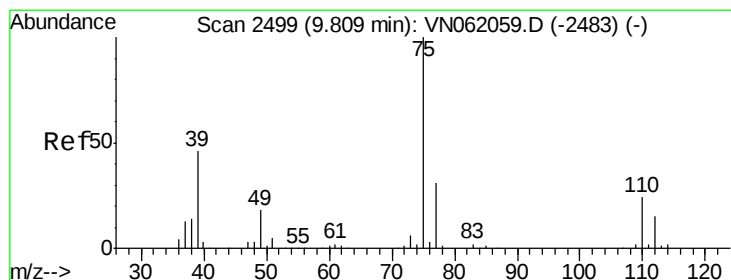
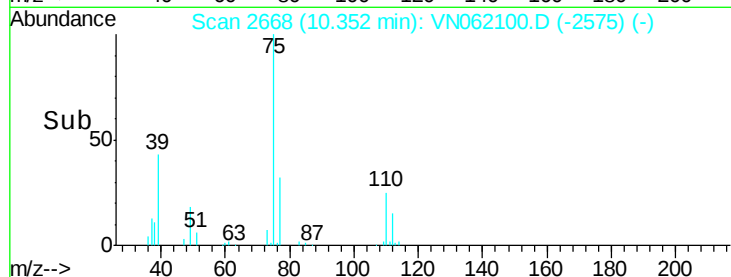
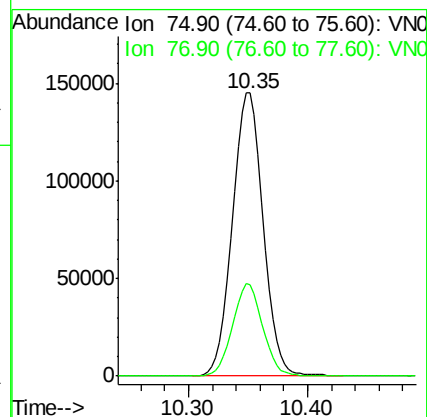
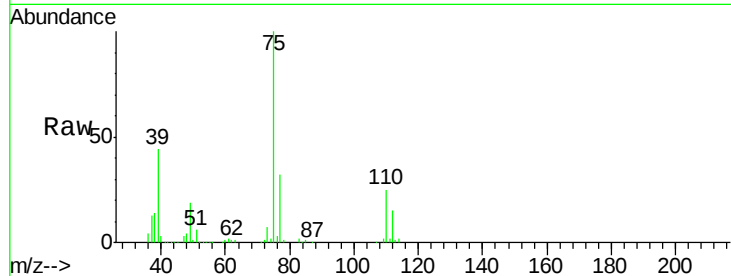
VSTDCCC050

Tgt Ion: 75 Resp: 260051

Ion Ratio Lower Upper

75 100

77 32.3 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 52.205 ug/l

RT: 9.81 min Scan# 2498

Delta R.T. -0.00 min

Lab File: VN062100.D

Acq: 25 Jun 2020 10:18

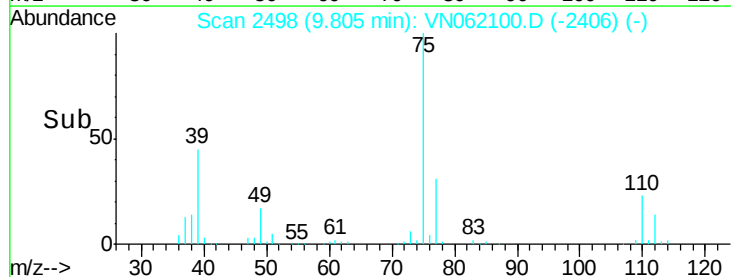
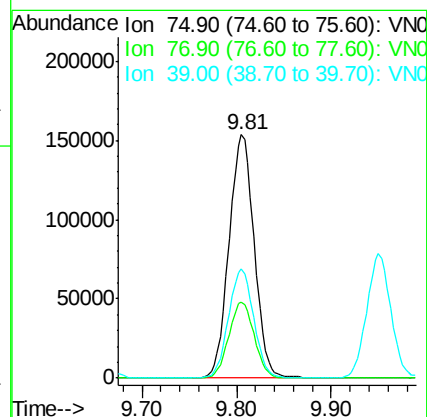
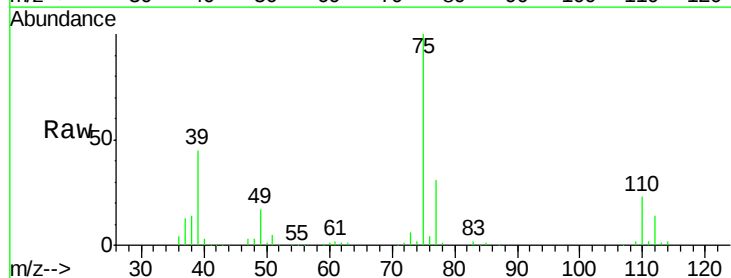
Tgt Ion: 75 Resp: 284359

Ion Ratio Lower Upper

75 100

77 31.4 25.0 37.6

39 44.8 36.9 55.3

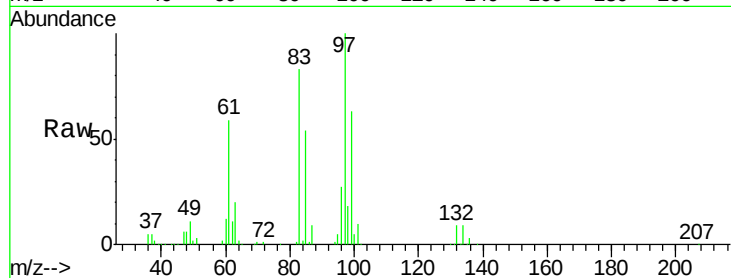




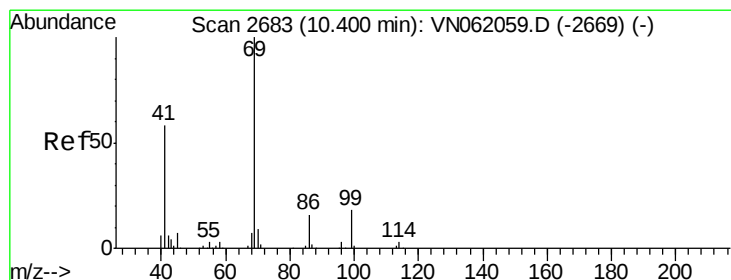
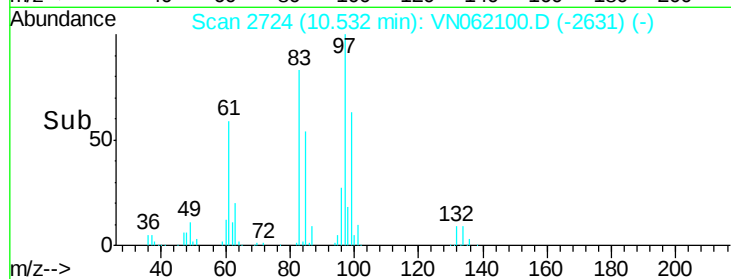
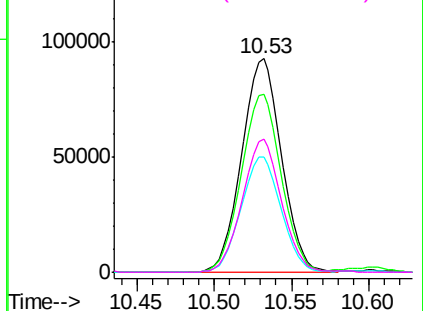
#55
 1,1,2-Trichloroethane
 Concen: 50.338 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062100.D
 Acq: 25 Jun 2020 10:18

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tgt Ion: 97 Resp: 166242
 Ion Ratio Lower Upper
 97 100
 83 83.4 68.2 102.2
 85 53.7 43.2 64.8
 99 62.6 48.5 72.7

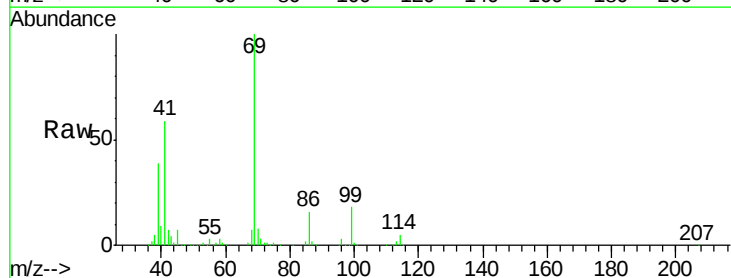


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

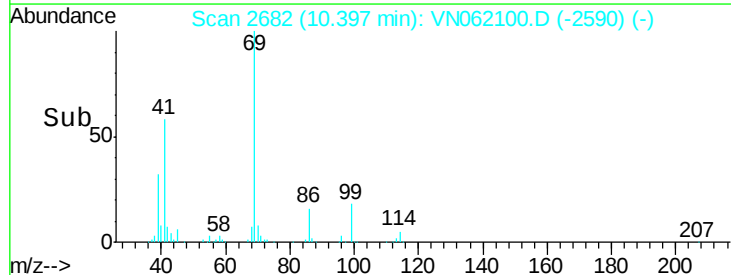
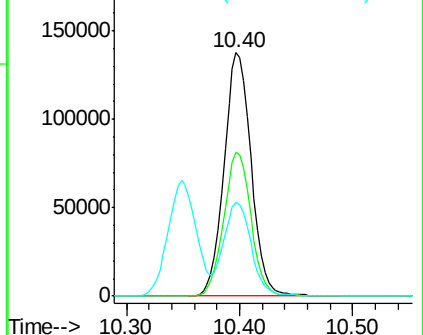


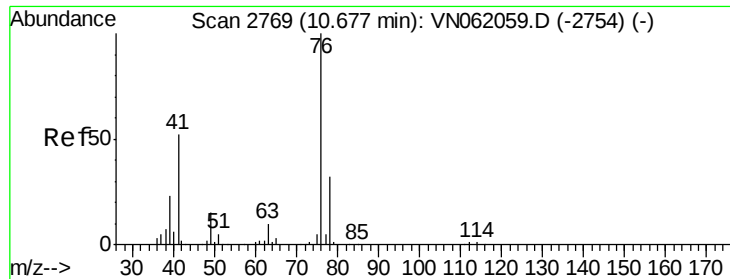
#56
 Ethyl methacrylate
 Concen: 52.189 ug/l
 RT: 10.40 min Scan# 2682
 Delta R.T. -0.00 min
 Lab File: VN062100.D
 Acq: 25 Jun 2020 10:18

Tgt Ion: 69 Resp: 230010
 Ion Ratio Lower Upper
 69 100
 41 58.7 46.6 70.0
 39 38.8 31.0 46.4



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: 49.814 ug/l

RT: 10.68 min Scan# 2769

Delta R.T. -0.00 min

Lab File: VN062100.D

Acq: 25 Jun 2020 10:18

Instrument :

MSVOA_N

ClientSampleId :

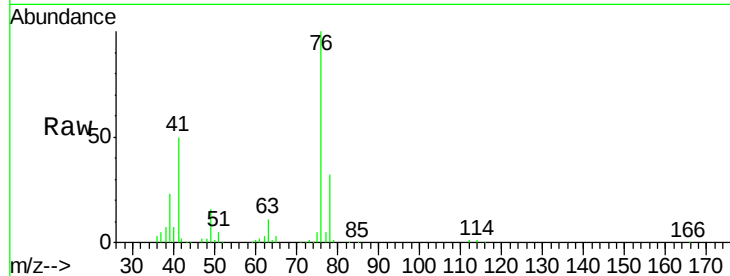
VSTDCCC050

Tgt Ion: 76 Resp: 283164

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VN062100.D (-2676) (-)

Ion 77.90 (77.60 to 78.60): VN062100.D (-2676) (-)

10.68

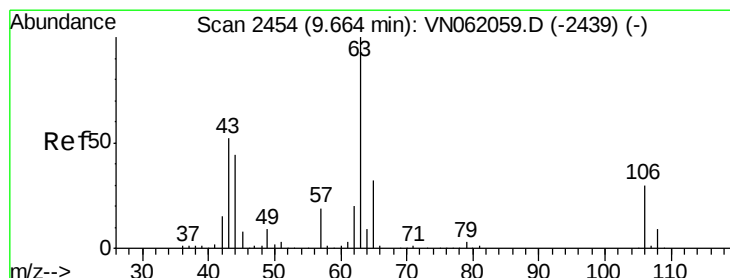
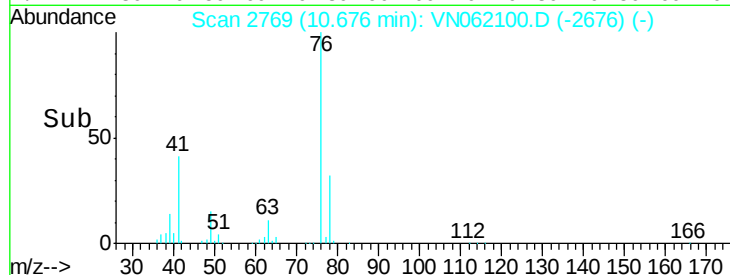
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 240.144 ug/l

RT: 9.66 min Scan# 2453

Delta R.T. -0.00 min

Lab File: VN062100.D

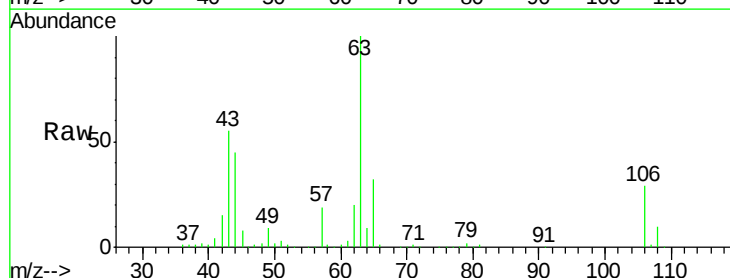
Acq: 25 Jun 2020 10:18

Tgt Ion: 63 Resp: 449340

Ion Ratio Lower Upper

63 100

106 29.3 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VN062100.D (-2360) (-)

Ion 105.90 (105.60 to 106.60): VN062100.D (-2360) (-)

9.66

300000

250000

200000

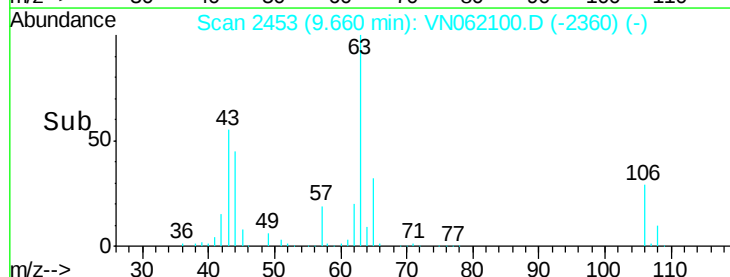
150000

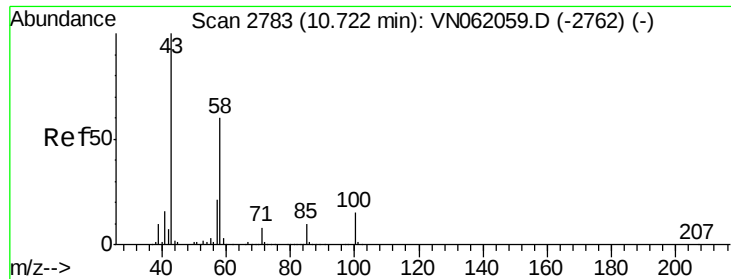
100000

50000

0

Time-->

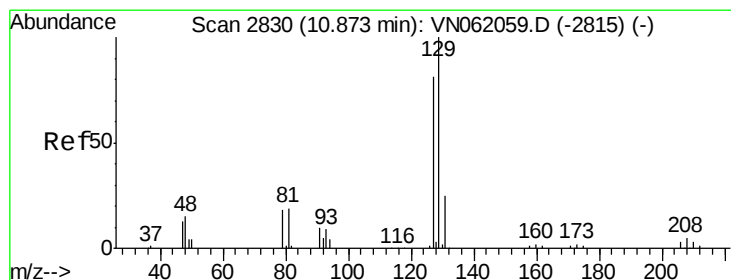
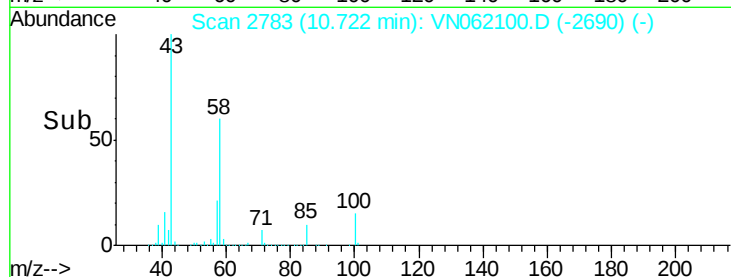
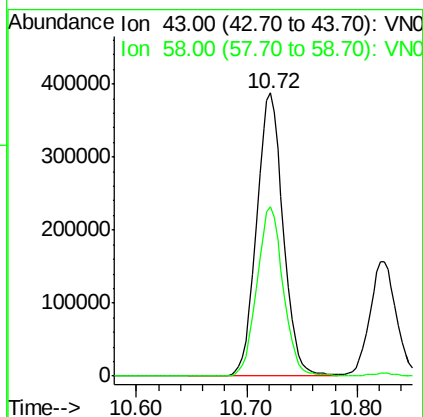
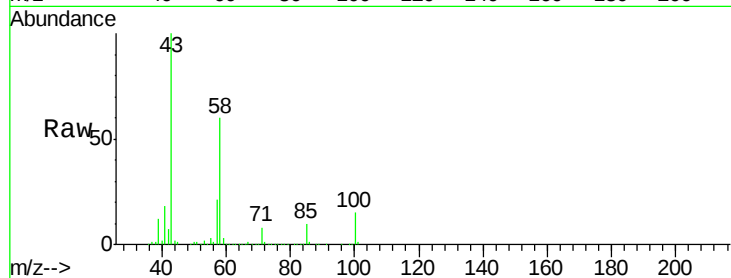




#59
2-Hexanone
Concen: 250.845 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN062100.D
Acq: 25 Jun 2020 10:18

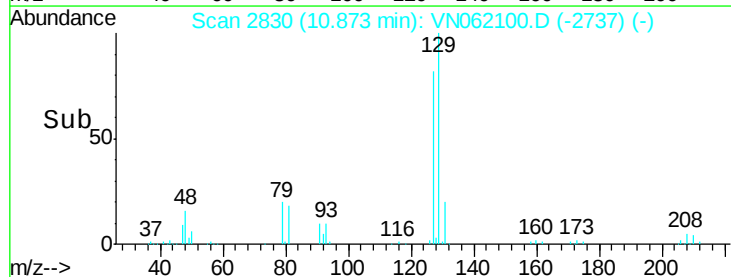
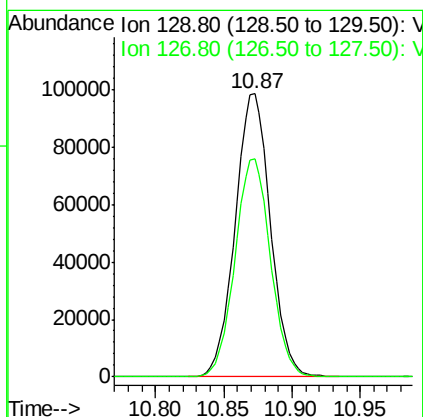
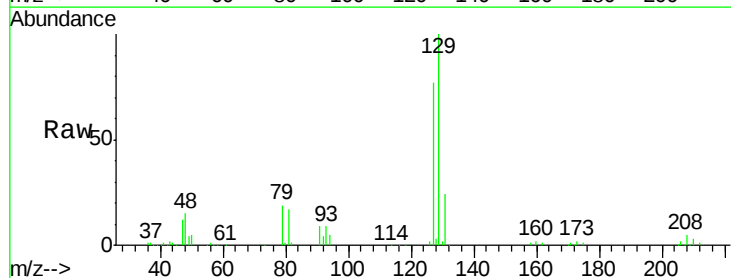
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

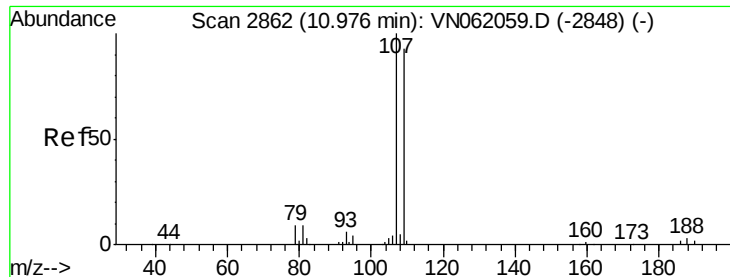
Tgt Ion: 43 Resp: 645350
Ion Ratio Lower Upper
43 100
58 59.5 29.5 88.5



#60
Dibromochloromethane
Concen: 50.616 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062100.D
Acq: 25 Jun 2020 10:18

Tgt Ion: 129 Resp: 176974
Ion Ratio Lower Upper
129 100
127 77.3 39.5 118.5





#61

1,2-Dibromoethane

Concen: 49.245 ug/l

RT: 10.98 min Scan# 2862

Delta R.T. -0.00 min

Lab File: VN062100.D

Acq: 25 Jun 2020 10:18

Instrument :

MSVOA_N

ClientSampleId :

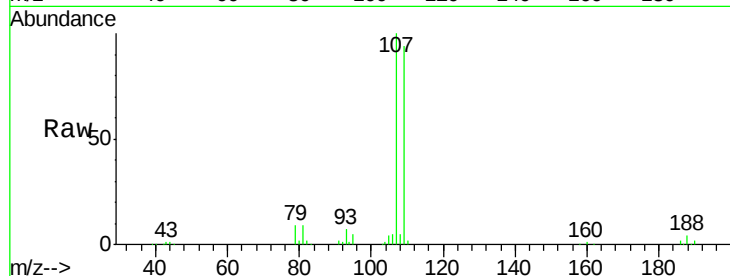
VSTDCCC050

Tgt Ion: 107 Resp: 167106

Ion Ratio Lower Upper

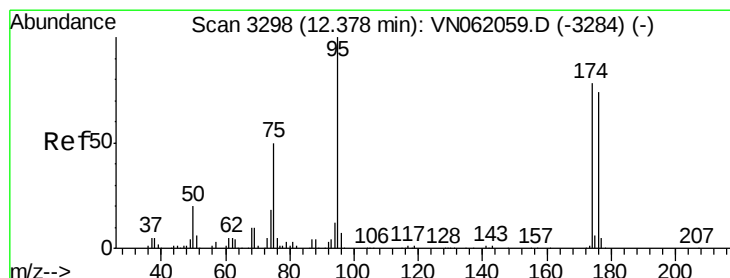
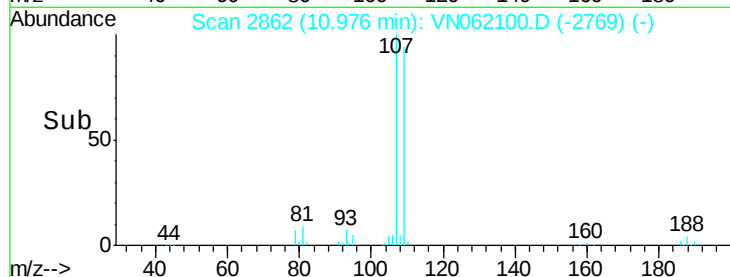
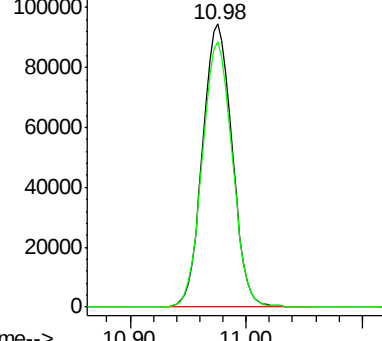
107 100

109 95.1 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.956 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.00 min

Lab File: VN062100.D

Acq: 25 Jun 2020 10:18

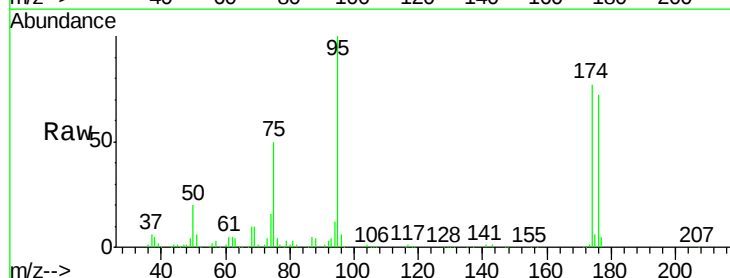
Tgt Ion: 95 Resp: 194532

Ion Ratio Lower Upper

95 100

174 77.3 0.0 154.8

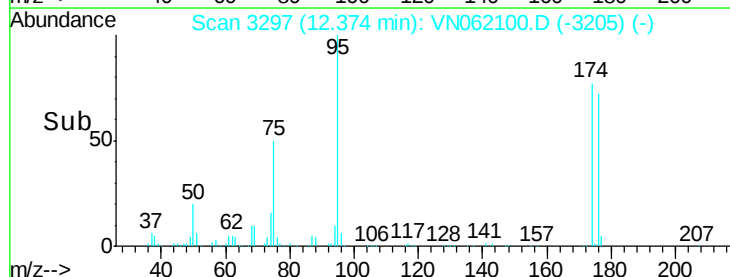
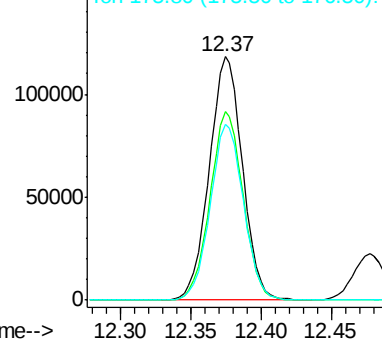
176 72.5 0.0 147.4

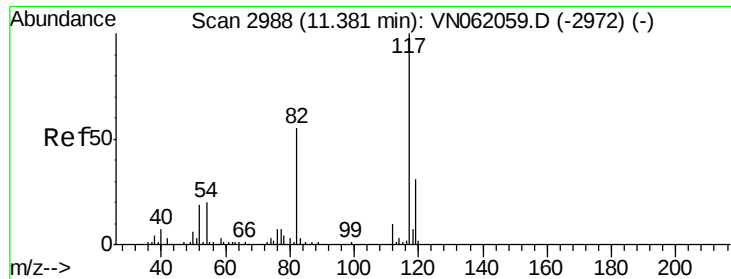


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

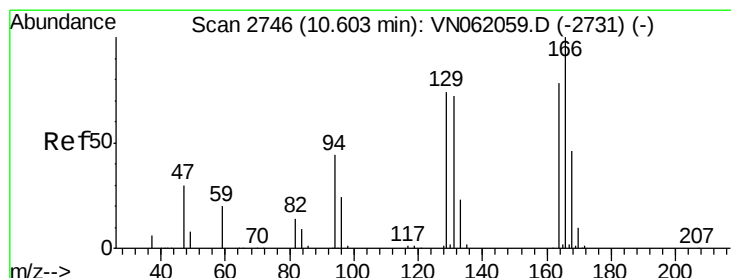
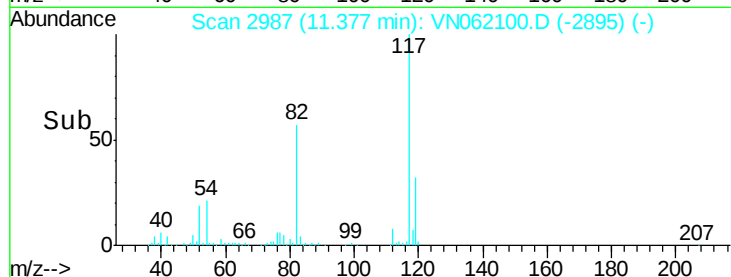
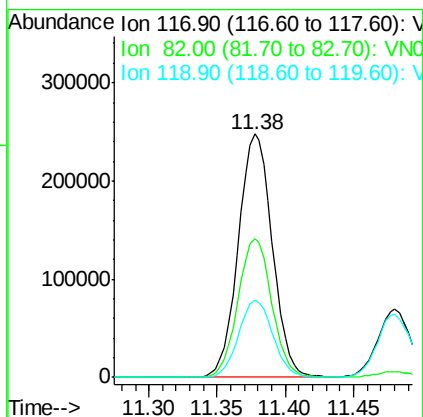
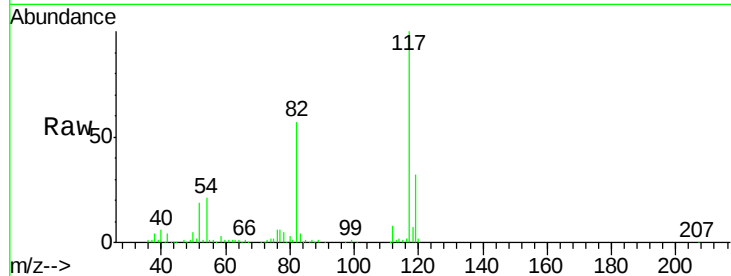




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2987
Delta R.T. -0.00 min
Lab File: VN062100.D
Acq: 25 Jun 2020 10:18

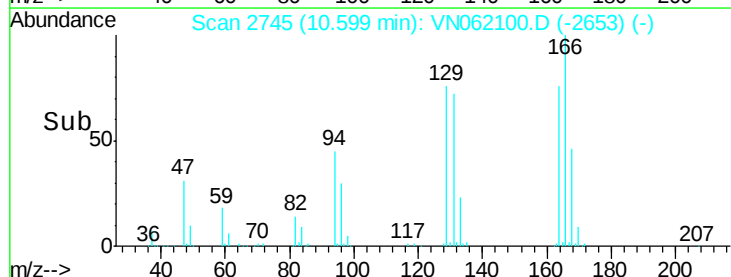
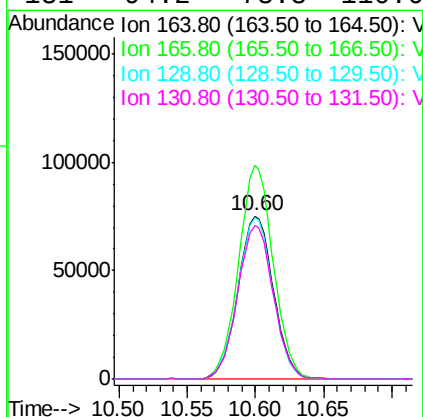
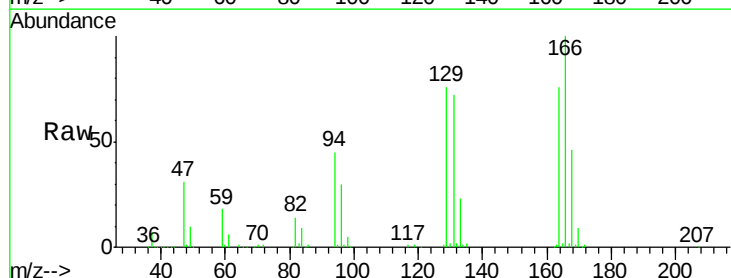
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

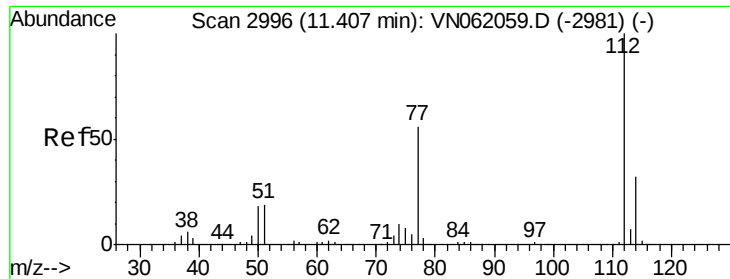
Tgt Ion:117 Resp: 428671
Ion Ratio Lower Upper
117 100
82 57.2 43.8 65.8
119 31.8 25.2 37.8



#64
Tetrachloroethene
Concen: 46.159 ug/l
RT: 10.60 min Scan# 2745
Delta R.T. -0.00 min
Lab File: VN062100.D
Acq: 25 Jun 2020 10:18

Tgt Ion:164 Resp: 135164
Ion Ratio Lower Upper
164 100
166 131.2 102.9 154.3
129 99.2 75.8 113.8
131 94.2 73.8 110.6

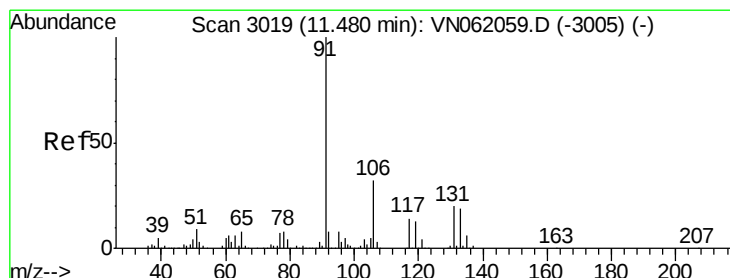
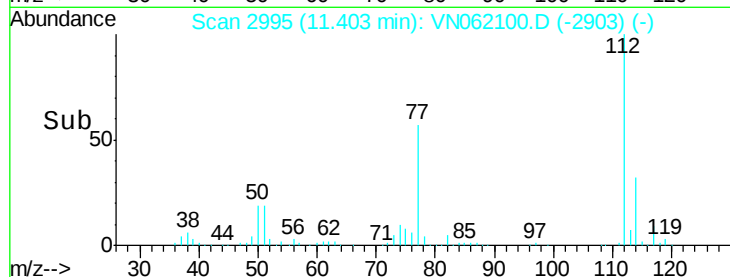
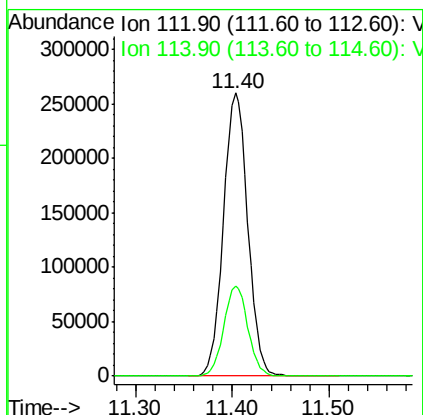
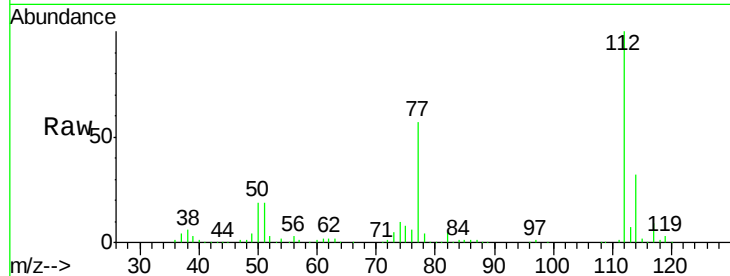




#65
Chlorobenzene
Concen: 48.323 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN062100.D
Acq: 25 Jun 2020 10:18

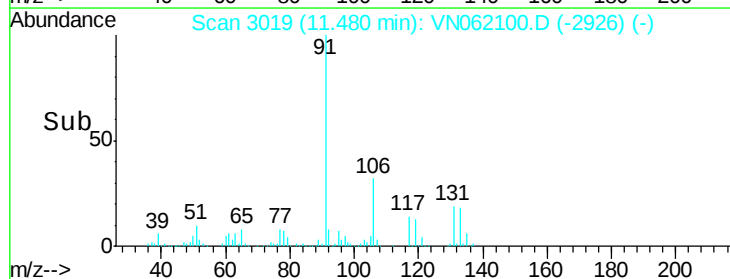
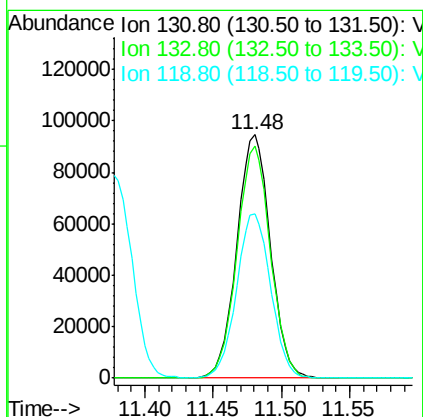
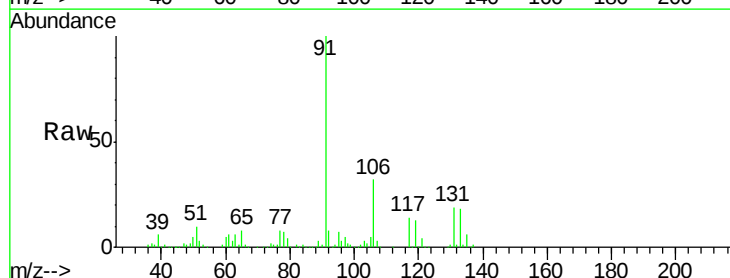
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 454895
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 49.705 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062100.D
Acq: 25 Jun 2020 10:18

Tgt Ion:131 Resp: 161797
Ion Ratio Lower Upper
131 100
133 94.7 47.6 142.9
119 68.6 34.4 103.3

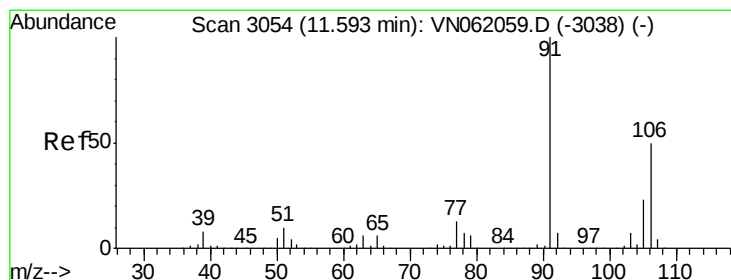
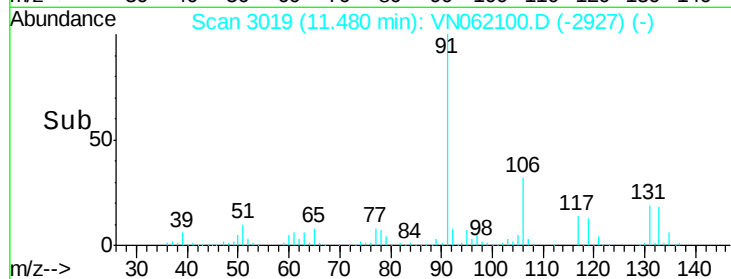
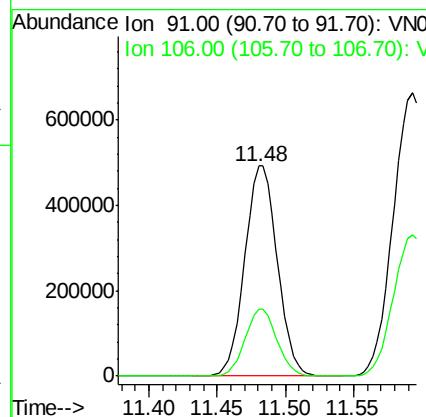
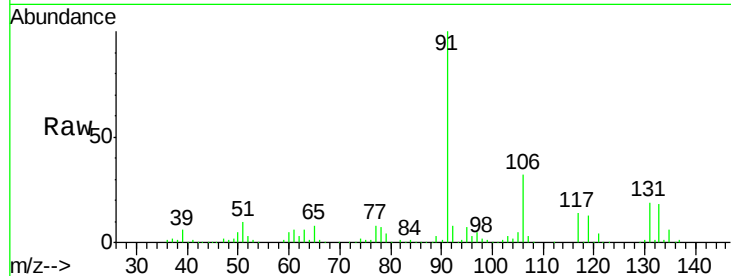




#67
Ethyl Benzene
Concen: 51.374 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062100.D
Acq: 25 Jun 2020 10:18

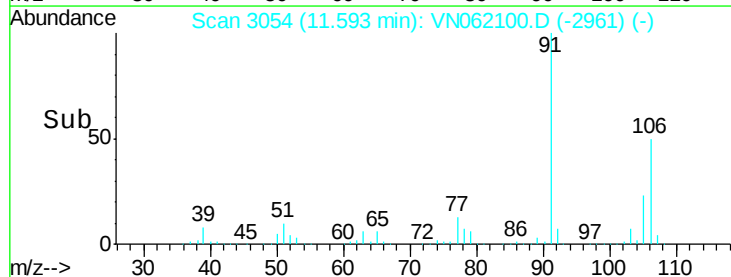
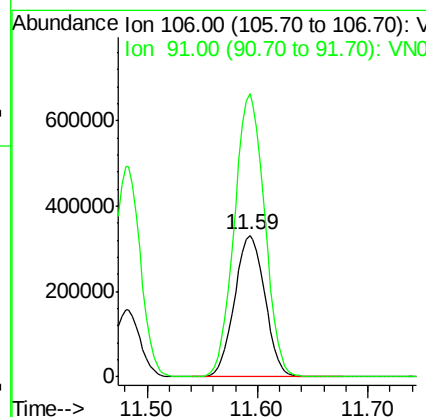
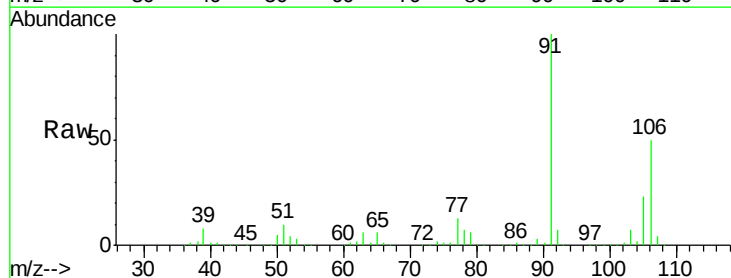
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

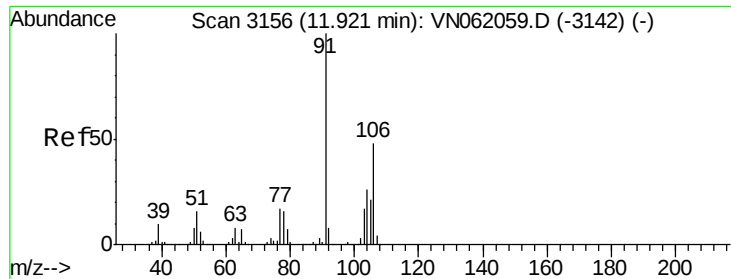
Tgt Ion: 91 Resp: 816769
Ion Ratio Lower Upper
91 100
106 31.8 25.3 37.9



#68
m/p-Xylenes
Concen: 102.658 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN062100.D
Acq: 25 Jun 2020 10:18

Tgt Ion: 106 Resp: 631273
Ion Ratio Lower Upper
106 100
91 200.0 157.8 236.8

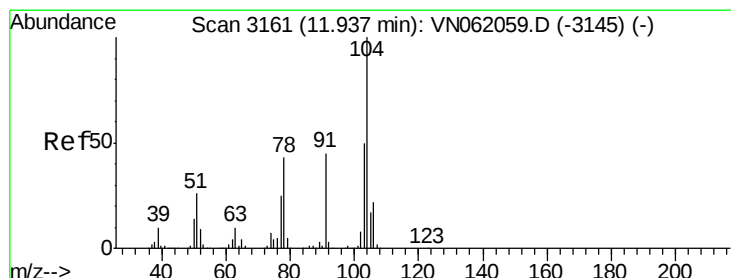
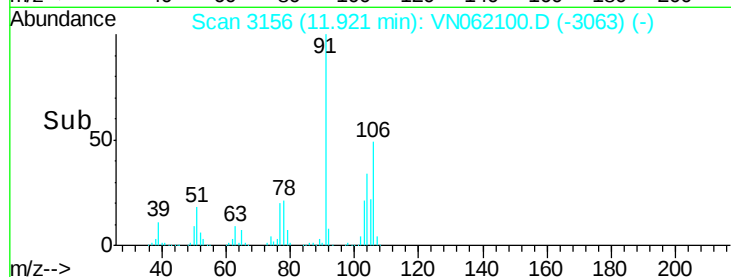
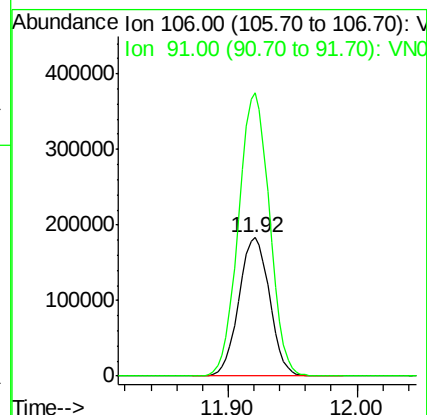
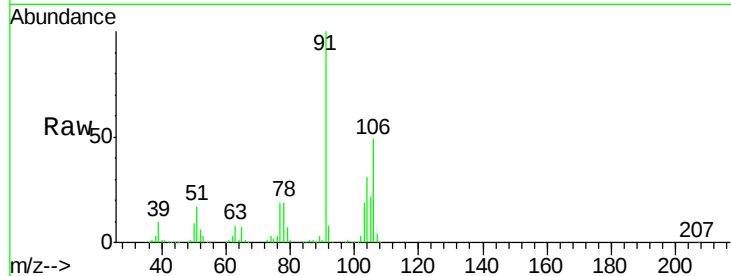




#69
o-Xylene
Concen: 52.542 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062100.D
Acq: 25 Jun 2020 10:18

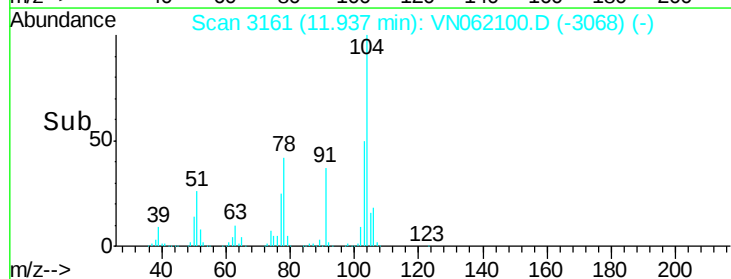
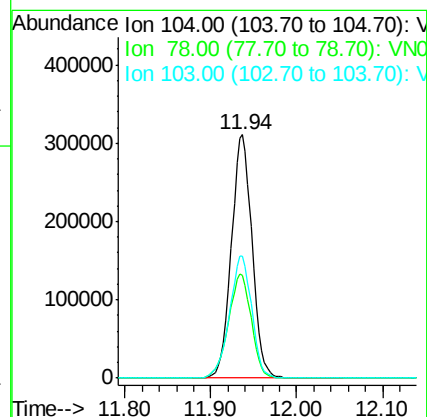
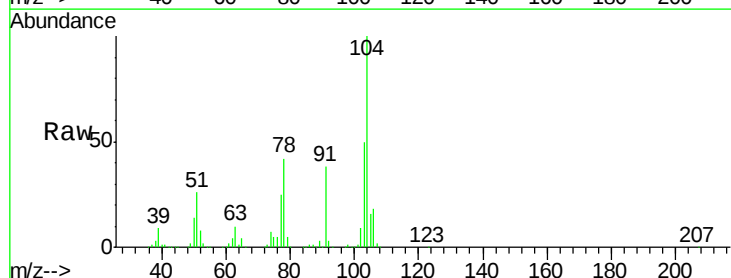
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

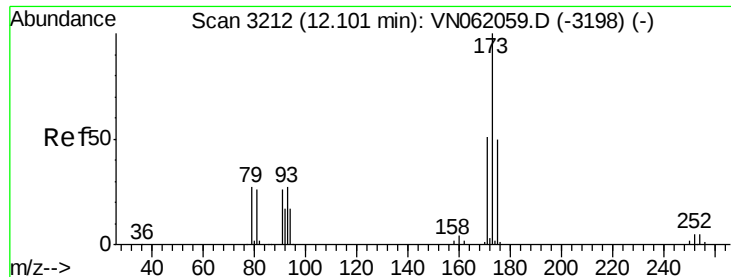
Tgt Ion:106 Resp: 304844
Ion Ratio Lower Upper
106 100
91 205.6 104.0 311.9



#70
Styrene
Concen: 53.621 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062100.D
Acq: 25 Jun 2020 10:18

Tgt Ion:104 Resp: 518843
Ion Ratio Lower Upper
104 100
78 47.3 37.7 56.5
103 53.9 43.0 64.6





#71

Bromoform

Concen: 49.465 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062100.D

Acq: 25 Jun 2020 10:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

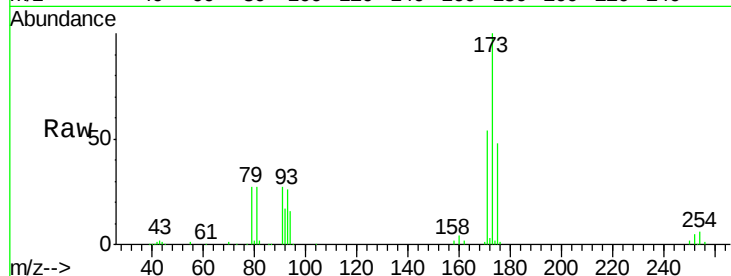
Tgt Ion:173 Resp: 114482

Ion Ratio Lower Upper

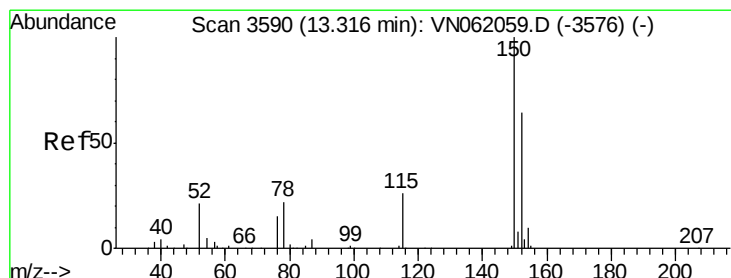
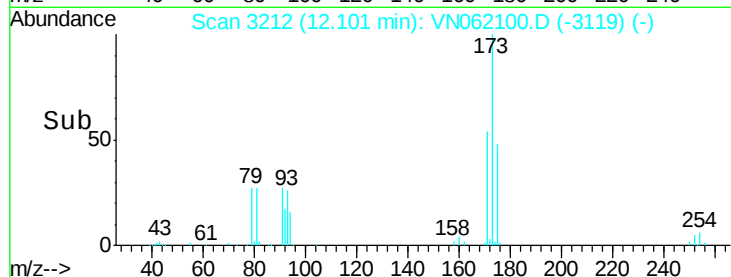
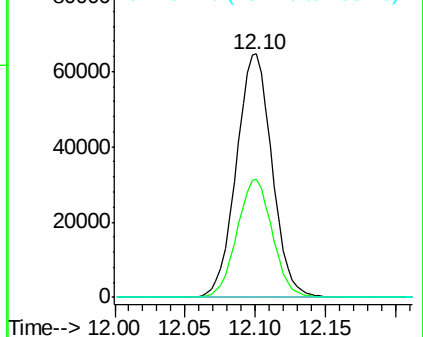
173 100

175 47.8 24.7 74.1

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3590

Delta R.T. -0.00 min

Lab File: VN062100.D

Acq: 25 Jun 2020 10:18

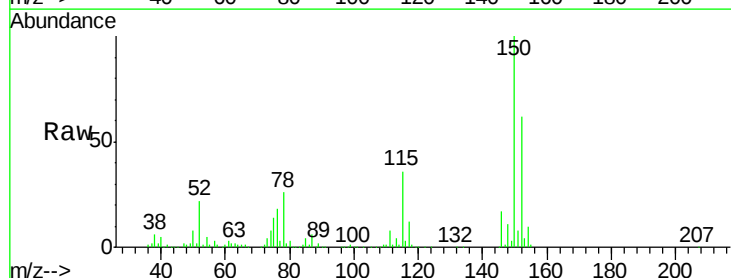
Tgt Ion:152 Resp: 207585

Ion Ratio Lower Upper

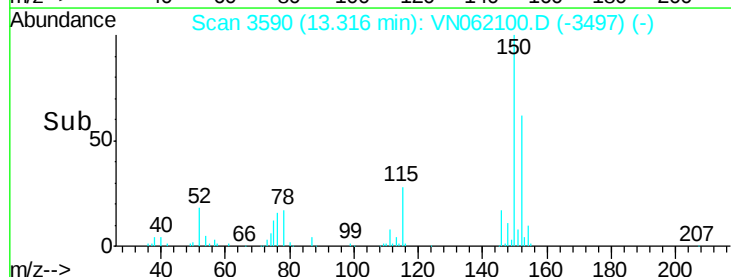
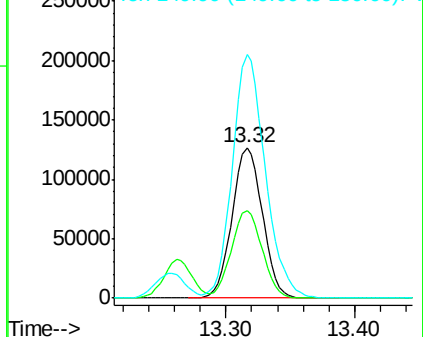
152 100

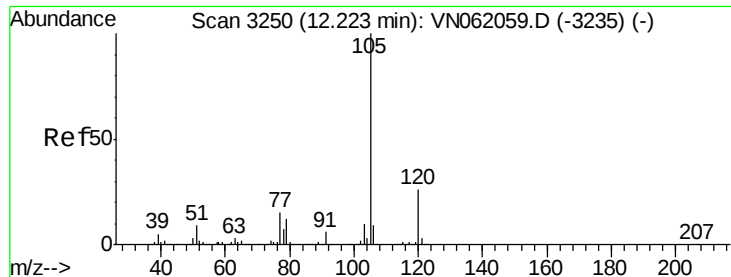
115 58.9 29.5 88.5

150 174.2 0.0 351.4



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





#73

Isopropylbenzene

Concen: 49.349 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062100.D

Acq: 25 Jun 2020 10:18

Instrument :

MSVOA_N

ClientSampled :

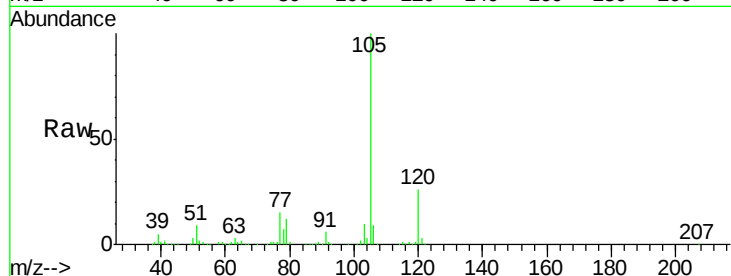
VSTDCCC050

Tgt Ion:105 Resp: 792983

Ion Ratio Lower Upper

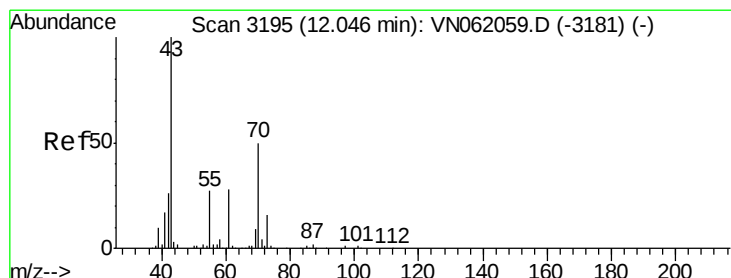
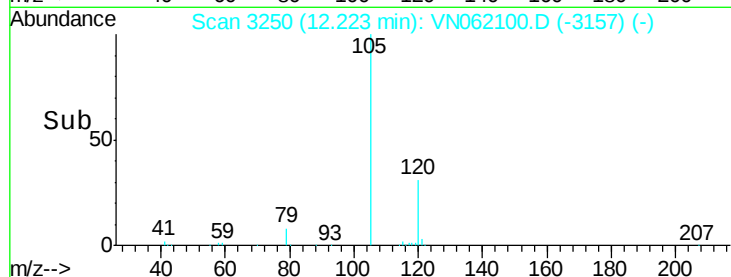
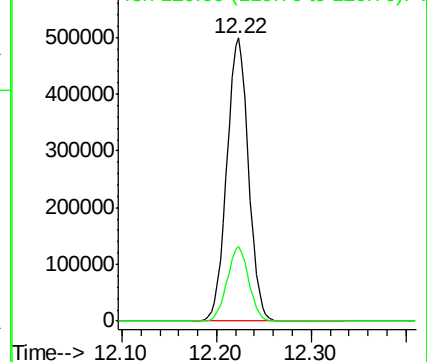
105 100

120 26.3 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 45.799 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN062100.D

Acq: 25 Jun 2020 10:18

Tgt Ion: 43 Resp: 269130

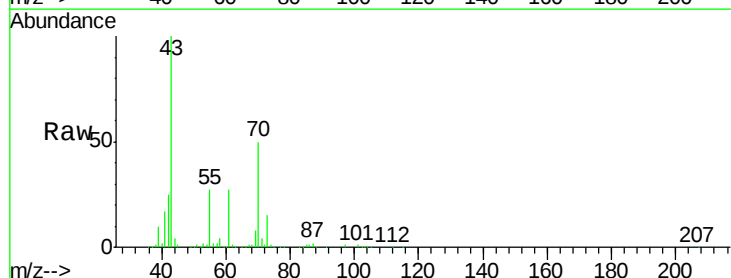
Ion Ratio Lower Upper

43 100

70 49.7 39.4 59.2

55 27.3 21.7 32.5

61 26.9 21.3 31.9

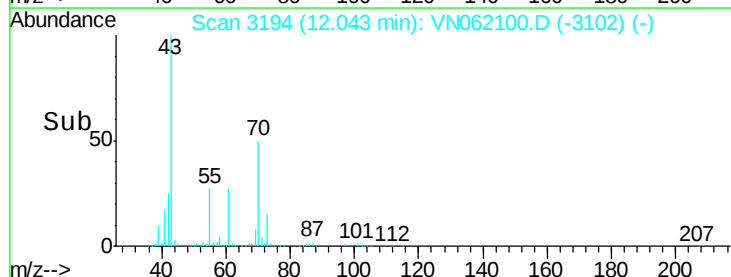
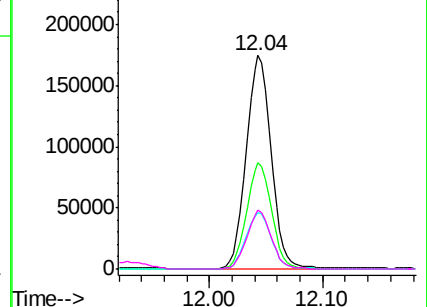


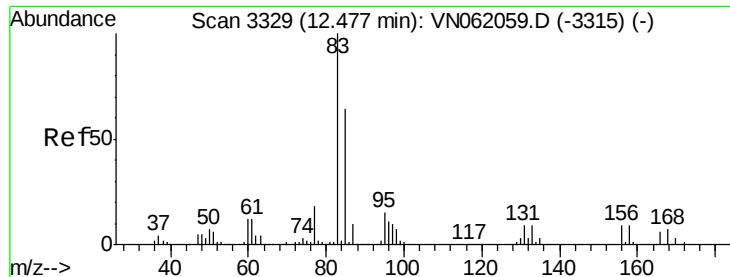
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 44.752 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062100.D

Acq: 25 Jun 2020 10:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

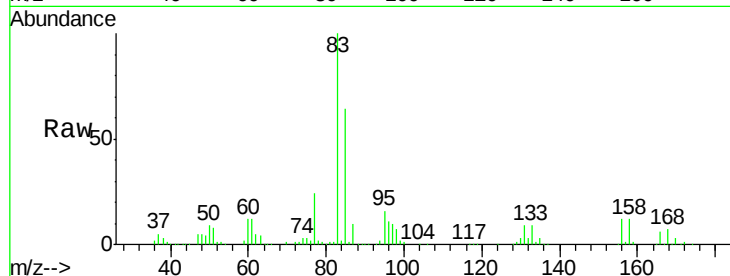
Tgt Ion: 83 Resp: 239300

Ion Ratio Lower Upper

83 100

131 9.5 4.8 14.4

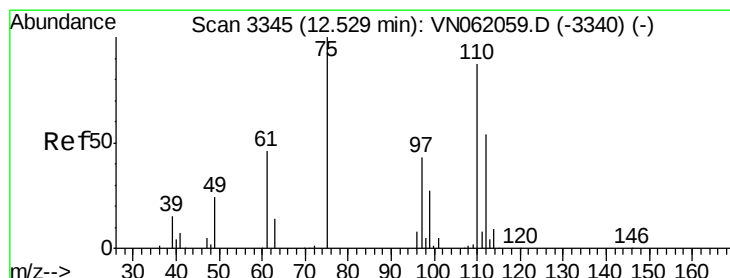
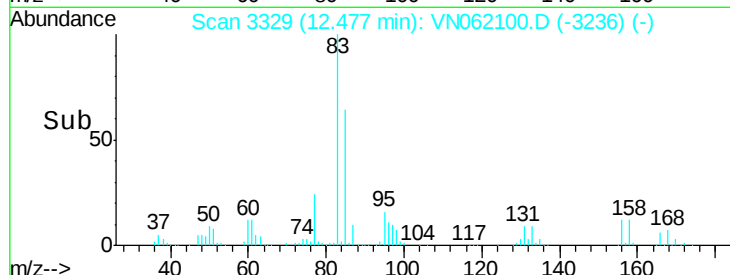
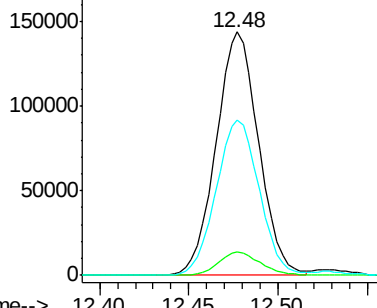
85 64.8 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN062100.D (-3236) (-)

Ion 130.80 (130.50 to 131.50): VN062100.D (-3236) (-)

Ion 84.90 (84.60 to 85.60): VN062100.D (-3236) (-)



#76

1,2,3-Trichloropropane

Concen: 62.191 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN062100.D

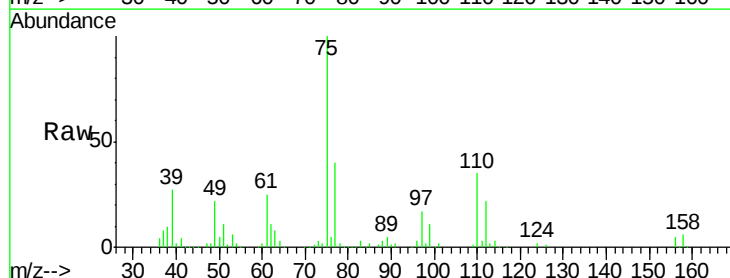
Acq: 25 Jun 2020 10:18

Tgt Ion: 75 Resp: 303909

Ion Ratio Lower Upper

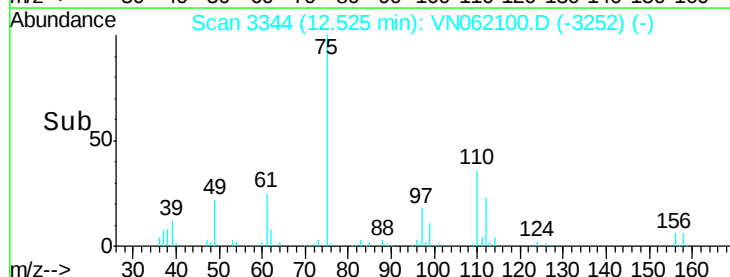
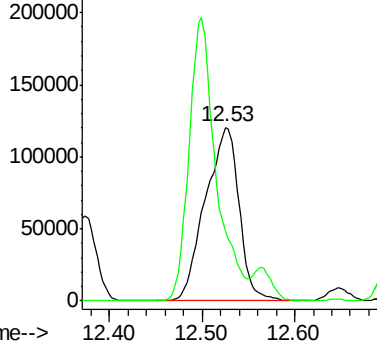
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN062100.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN062100.D (-3252) (-)

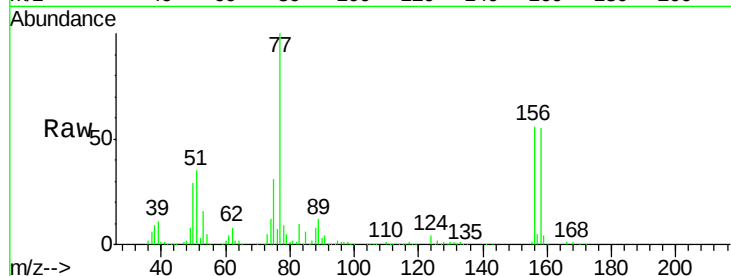




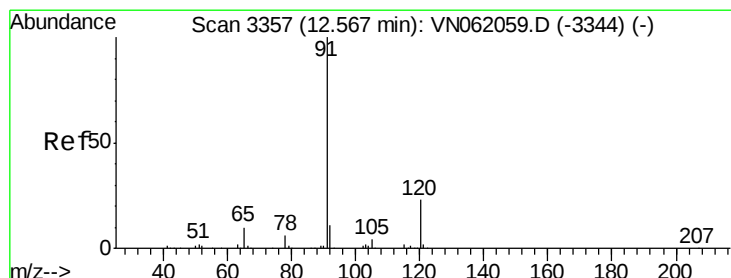
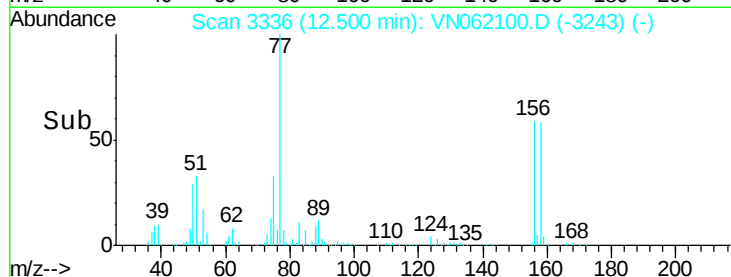
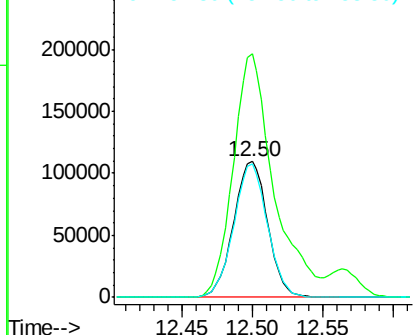
#77
Bromobenzene
Concen: 46.428 ug/l
RT: 12.50 min Scan# 3336
Delta R.T. -0.00 min
Lab File: VN062100.D
Acq: 25 Jun 2020 10:18

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tgt Ion:156 Resp: 185219
Ion Ratio Lower Upper
156 100
77 213.3 104.6 313.8
158 97.5 48.0 144.0

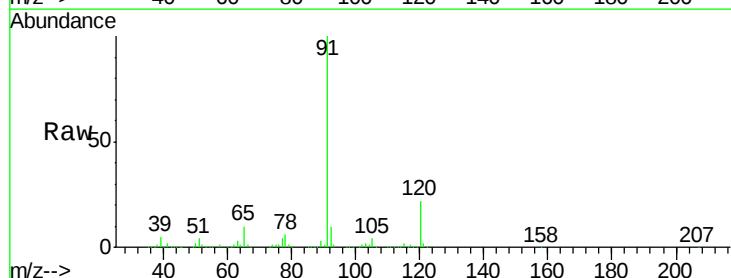


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VN
Ion 157.80 (157.50 to 158.50): V

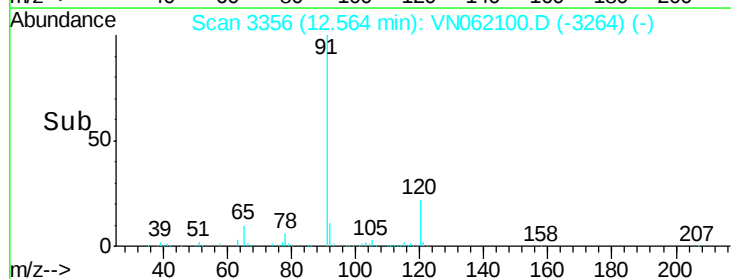
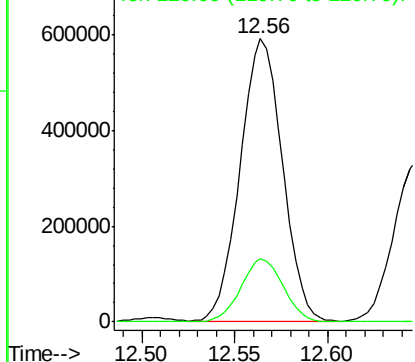


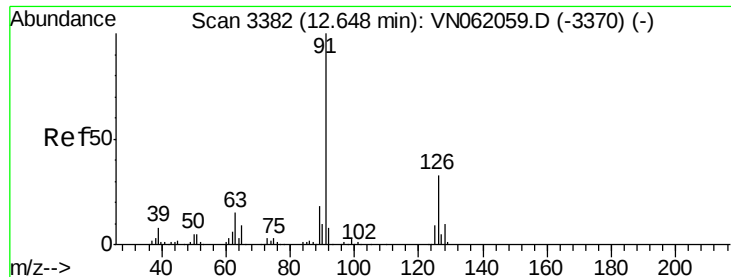
#78
n-propylbenzene
Concen: 50.813 ug/l
RT: 12.56 min Scan# 3356
Delta R.T. -0.00 min
Lab File: VN062100.D
Acq: 25 Jun 2020 10:18

Tgt Ion: 91 Resp: 933954
Ion Ratio Lower Upper
91 100
120 22.5 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VN
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.989 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062100.D

Acq: 25 Jun 2020 10:18

Instrument :

MSVOA_N

ClientSampleId :

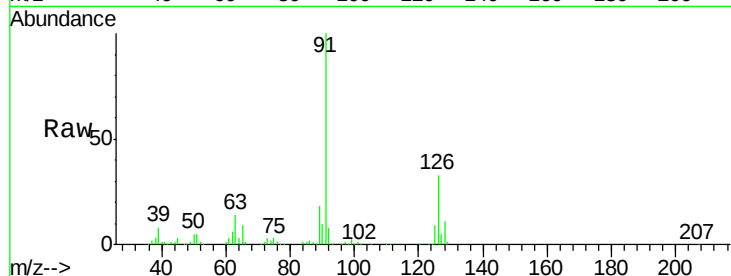
VSTDCCC050

Tgt Ion: 91 Resp: 544352

Ion Ratio Lower Upper

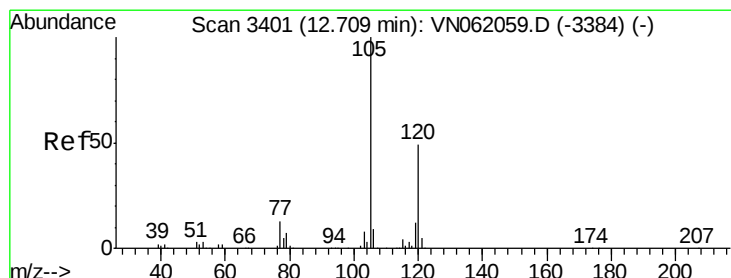
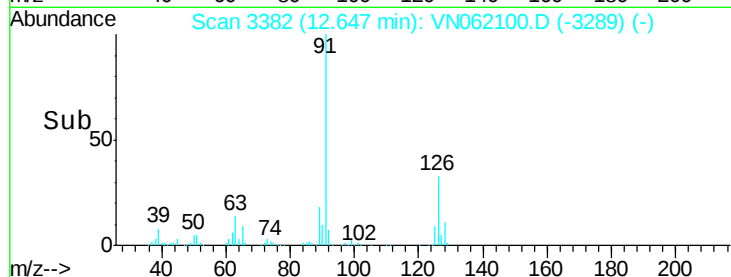
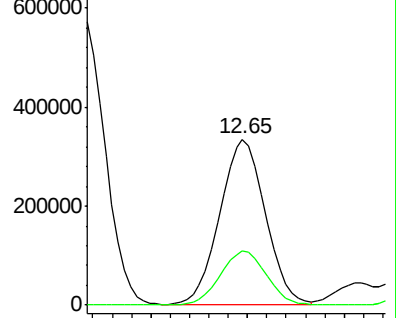
91 100

126 33.3 16.9 50.7



Abundance Ion 91.00 (90.70 to 91.70): VN062100.D (-3382) (-)

Ion 125.90 (125.60 to 126.60): VN062100.D (-3382) (-)



#80

1,3,5-Trimethylbenzene

Concen: 51.365 ug/l

RT: 12.71 min Scan# 3400

Delta R.T. -0.00 min

Lab File: VN062100.D

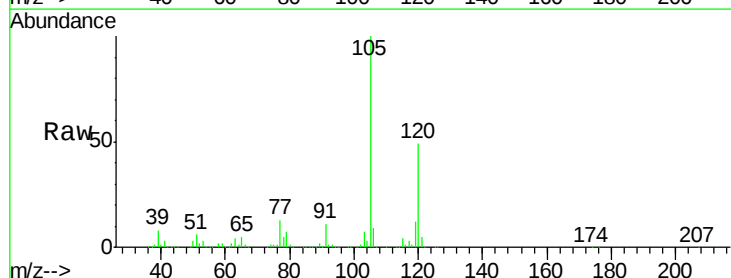
Acq: 25 Jun 2020 10:18

Tgt Ion: 105 Resp: 669092

Ion Ratio Lower Upper

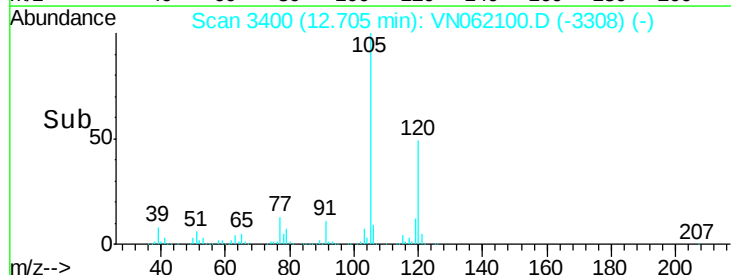
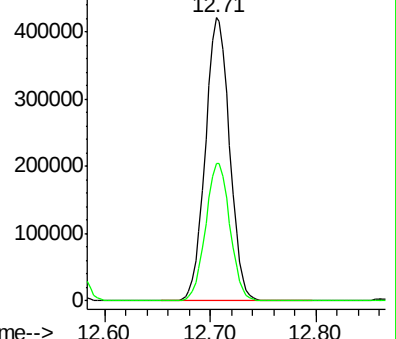
105 100

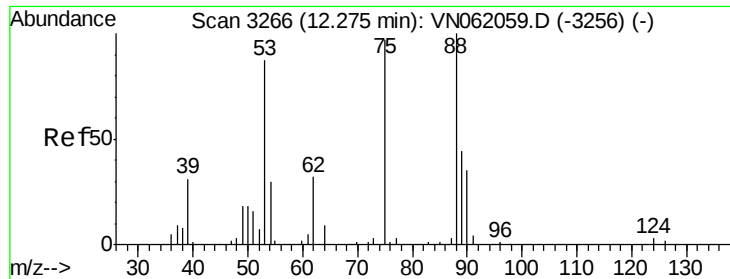
120 48.7 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VN062100.D (-3401) (-)

Ion 120.00 (119.70 to 120.70): VN062100.D (-3401) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 48.644 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062100.D

Acq: 25 Jun 2020 10:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

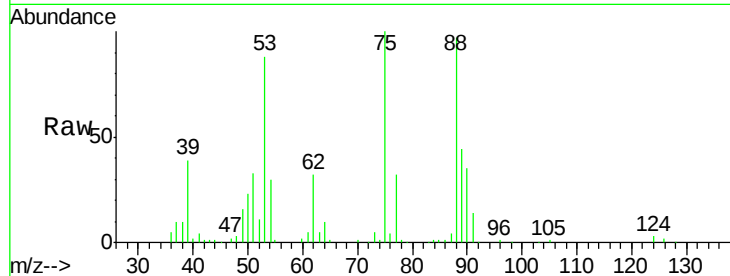
Tgt Ion: 75 Resp: 81397

Ion Ratio Lower Upper

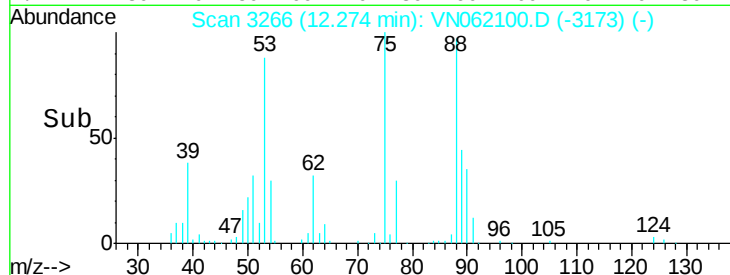
75 100

53 91.6 72.0 108.0

89 44.5 36.9 55.3



Abundance Ion 74.90 (74.60 to 75.60): VN062100.D (-3173) (-)



Ion 53.00 (52.70 to 53.70): VN062100.D (-3173) (-)

Ion 88.90 (88.60 to 89.60): VN062100.D (-3173) (-)

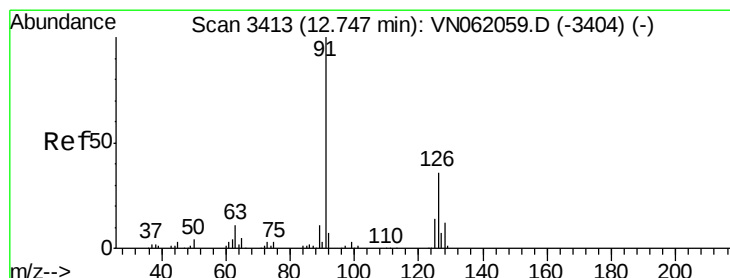
Time--> 12.20 12.25 12.30 12.35

Abundance Ion 74.90 (74.60 to 75.60): VN062100.D (-3173) (-)

Ion 53.00 (52.70 to 53.70): VN062100.D (-3173) (-)

Ion 88.90 (88.60 to 89.60): VN062100.D (-3173) (-)

Time--> 12.20 12.25 12.30 12.35



#82

4-Chlorotoluene

Concen: 49.330 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062100.D

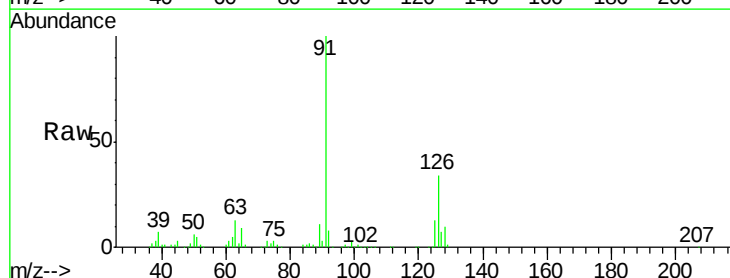
Acq: 25 Jun 2020 10:18

Tgt Ion: 91 Resp: 566837

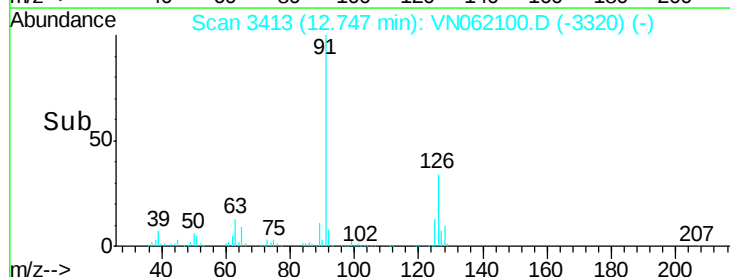
Ion Ratio Lower Upper

91 100

126 33.4 16.7 50.1



Abundance Ion 91.00 (90.70 to 91.70): VN062100.D (-3320) (-)



Ion 125.90 (125.60 to 126.60): VN062100.D (-3320) (-)

Time--> 12.70 12.75 12.80

Abundance Ion 91.00 (90.70 to 91.70): VN062100.D (-3320) (-)

Ion 125.90 (125.60 to 126.60): VN062100.D (-3320) (-)

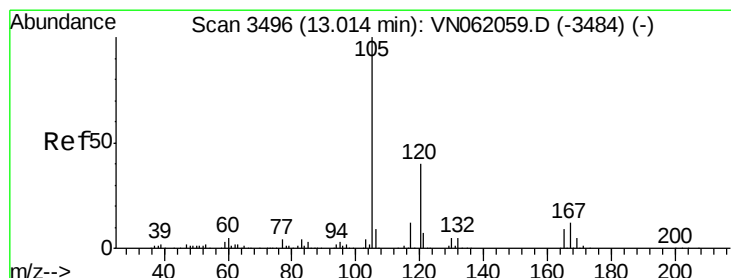
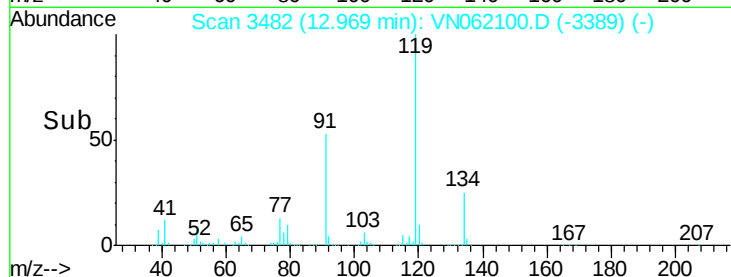
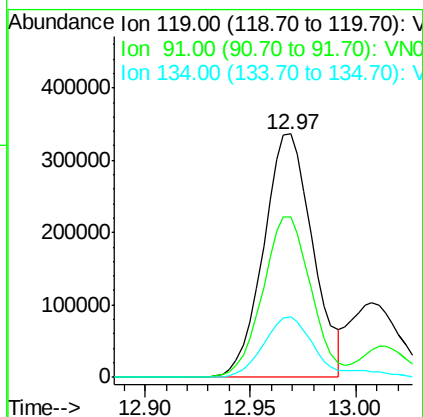
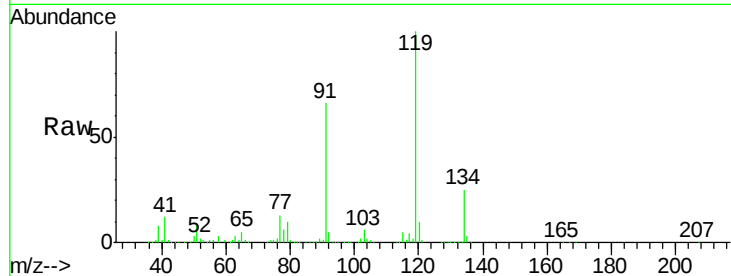
Time--> 12.70 12.75 12.80



#83
 tert-Butylbenzene
 Concen: 48.873 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062100.D
 Acq: 25 Jun 2020 10:18

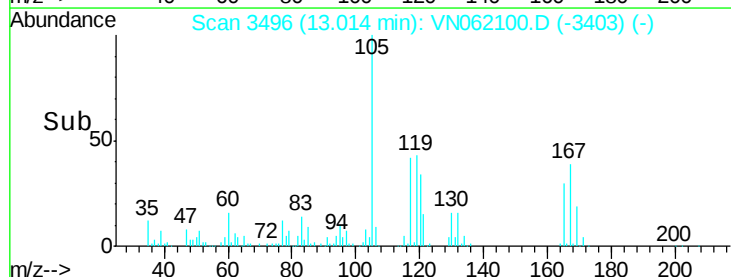
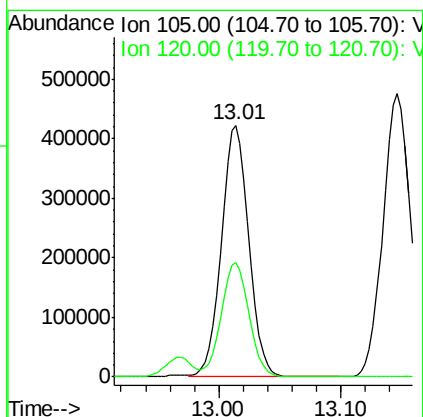
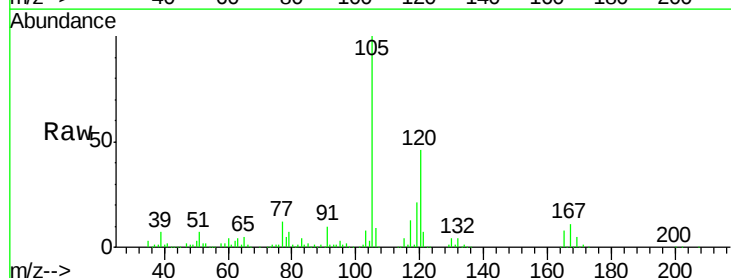
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:119 Resp: 544830
 Ion Ratio Lower Upper
 119 100
 91 64.8 31.7 95.1
 134 27.0 13.1 39.1



#84
 1,2,4-Trimethylbenzene
 Concen: 50.978 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062100.D
 Acq: 25 Jun 2020 10:18

Tgt Ion:105 Resp: 663217
 Ion Ratio Lower Upper
 105 100
 120 46.4 23.2 69.5

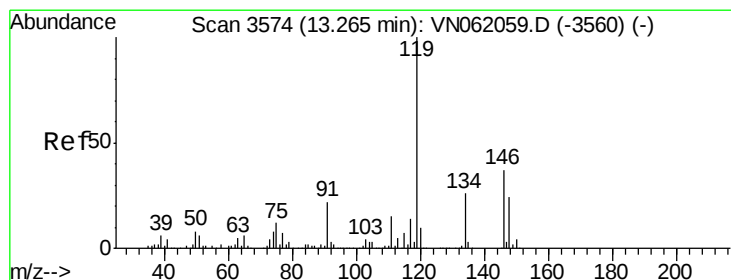
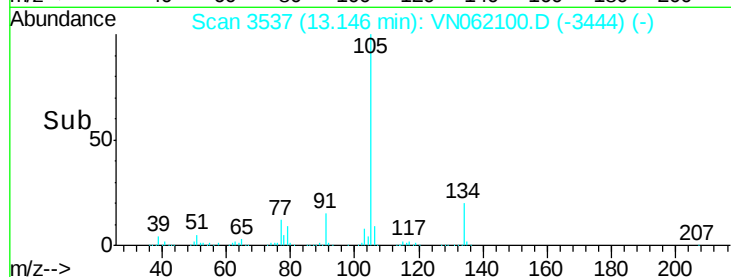
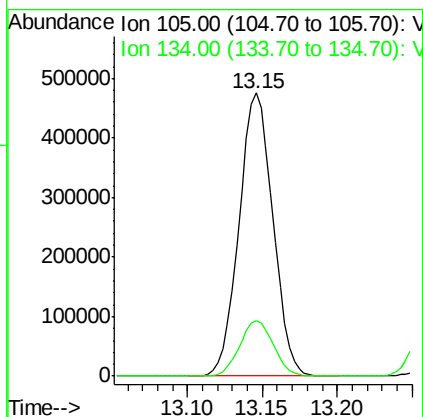
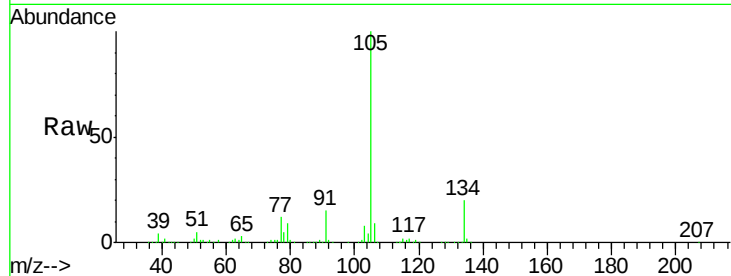




#85
 sec-Butylbenzene
 Concen: 50.720 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN062100.D
 Acq: 25 Jun 2020 10:18

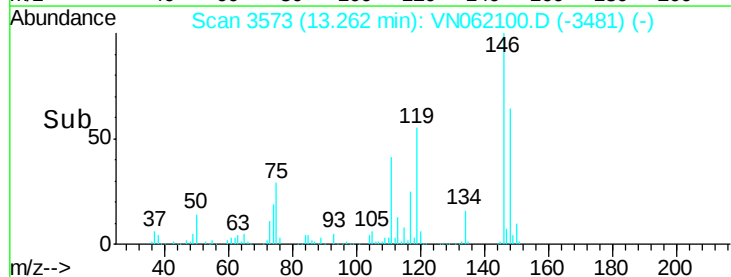
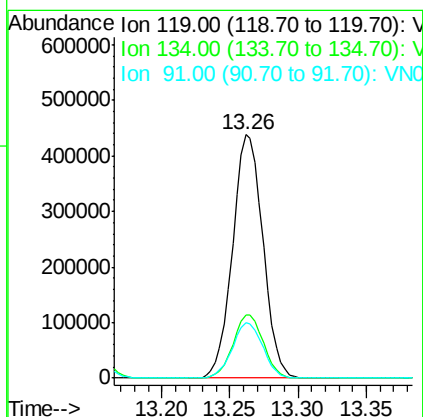
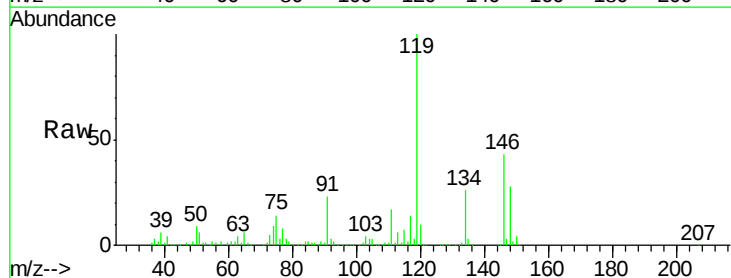
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 747136
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 52.305 ug/l
 RT: 13.26 min Scan# 3573
 Delta R.T. -0.00 min
 Lab File: VN062100.D
 Acq: 25 Jun 2020 10:18

Tgt Ion:119 Resp: 675028
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.0 39.0
 91 22.8 11.3 33.8

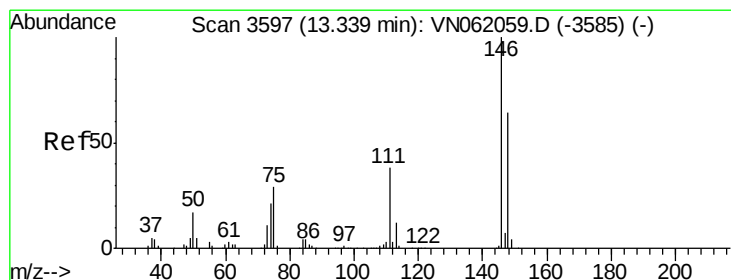
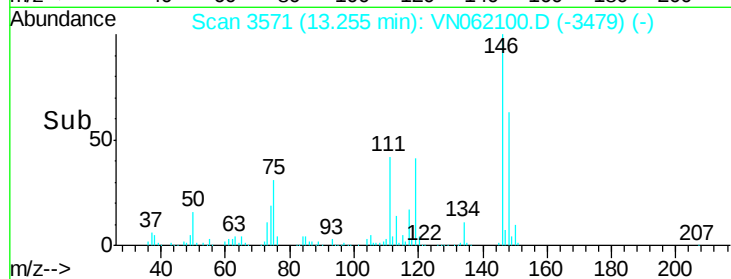
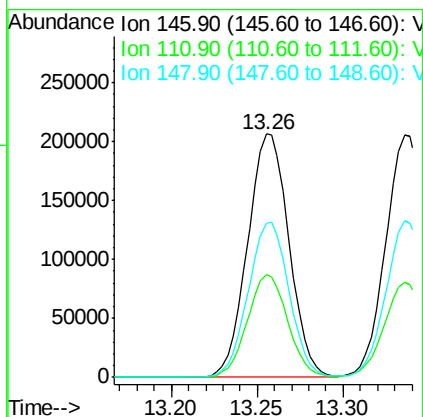
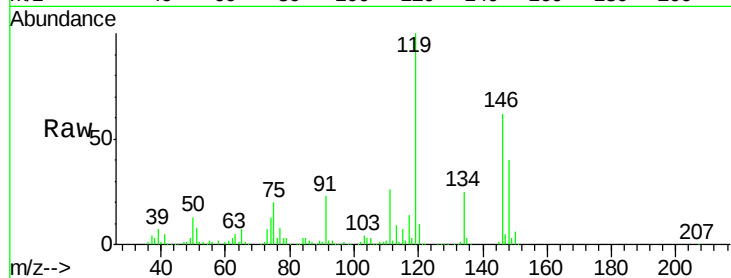




#87
 1,3-Dichlorobenzene
 Concen: 49.259 ug/l
 RT: 13.26 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VN062100.D
 Acq: 25 Jun 2020 10:18

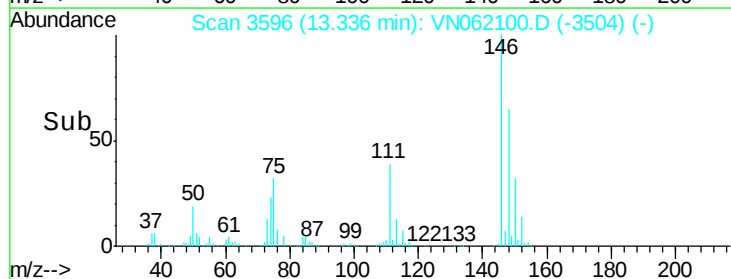
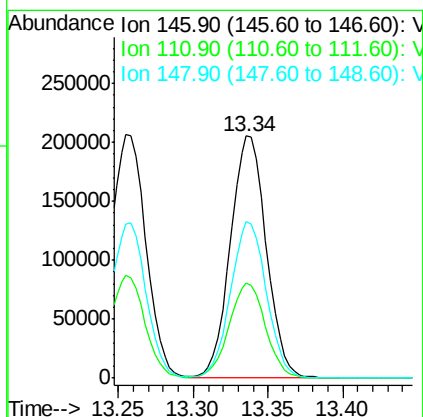
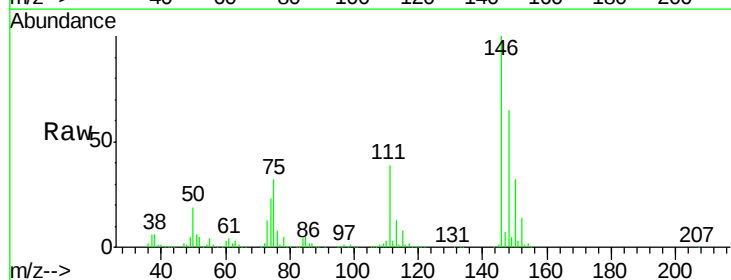
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

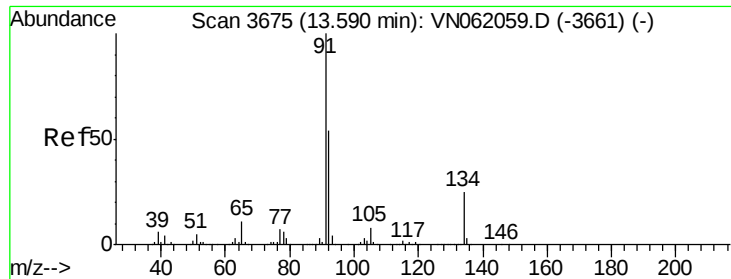
Tgt Ion:146 Resp: 345073
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.3 61.0
 148 63.0 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 47.422 ug/l
 RT: 13.34 min Scan# 3596
 Delta R.T. -0.00 min
 Lab File: VN062100.D
 Acq: 25 Jun 2020 10:18

Tgt Ion:146 Resp: 342439
 Ion Ratio Lower Upper
 146 100
 111 40.1 19.9 59.6
 148 64.6 31.9 95.9

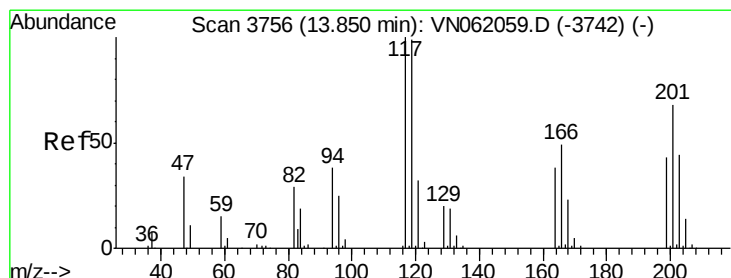
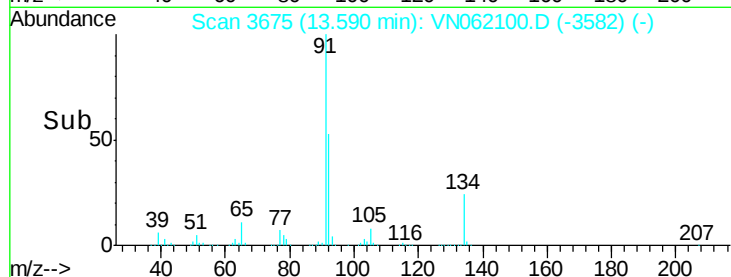
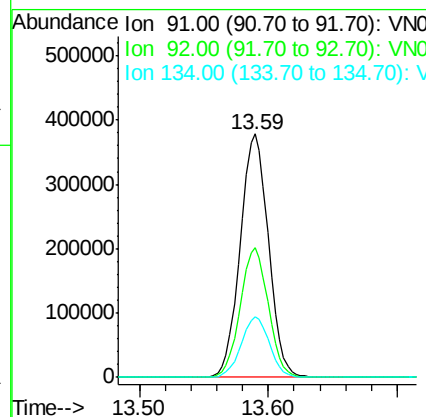
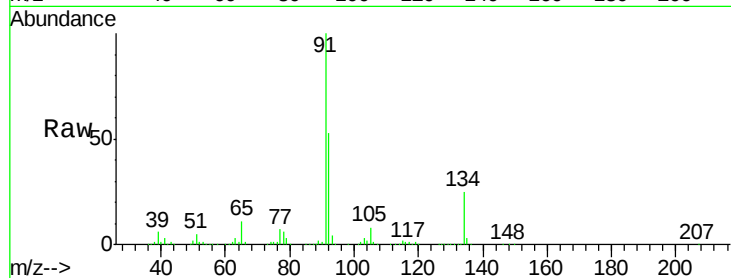




#89
n-Butylbenzene
Concen: 53.759 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062100.D
Acq: 25 Jun 2020 10:18

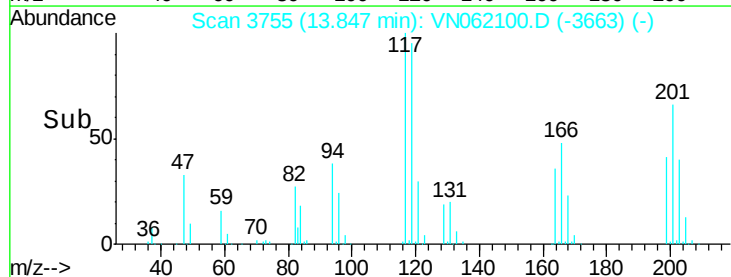
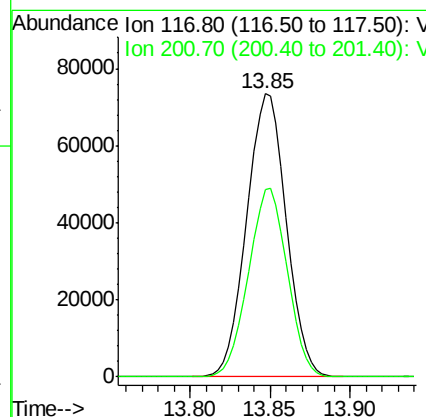
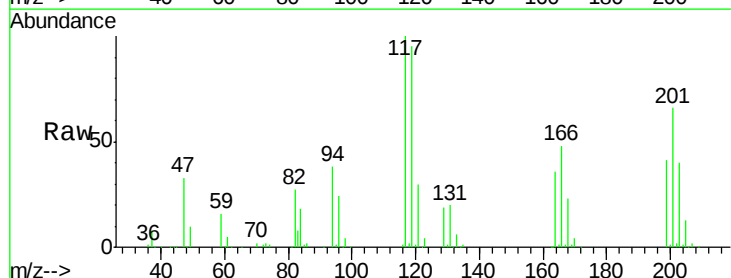
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 576808
Ion Ratio Lower Upper
91 100
92 53.0 26.6 79.7
134 24.8 12.3 36.9



#90
Hexachloroethane
Concen: 48.973 ug/l
RT: 13.85 min Scan# 3755
Delta R.T. -0.00 min
Lab File: VN062100.D
Acq: 25 Jun 2020 10:18

Tgt Ion: 117 Resp: 124004
Ion Ratio Lower Upper
117 100
201 65.7 32.7 98.1





#91

1,2-Dichlorobenzene

Concen: 48.563 ug/l

RT: 13.62 min Scan# 3686

Delta R.T. -0.00 min

Lab File: VN062100.D

Acq: 25 Jun 2020 10:18

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

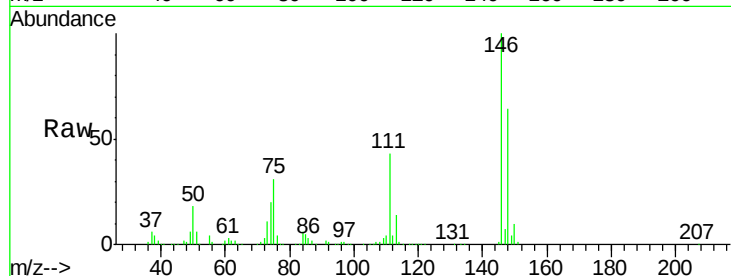
Tgt Ion:146 Resp: 329890

Ion Ratio Lower Upper

146 100

111 42.1 21.2 63.6

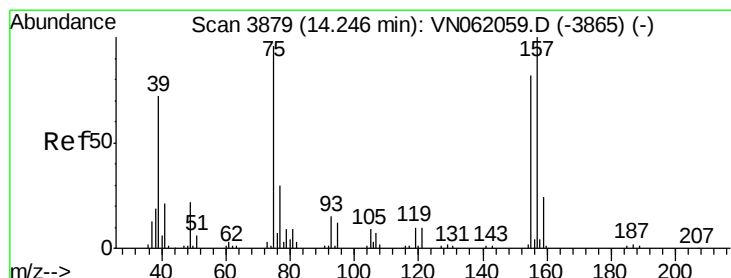
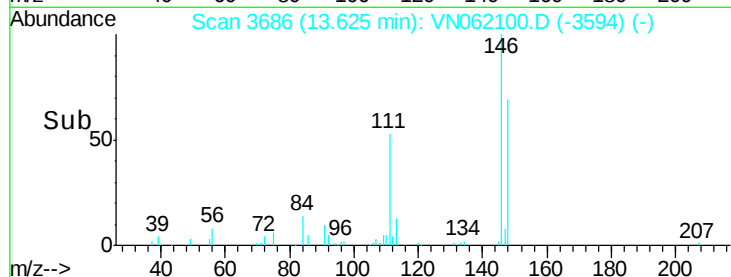
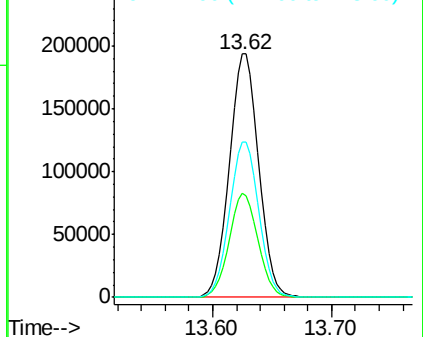
148 64.2 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.287 ug/l

RT: 14.24 min Scan# 3878

Delta R.T. -0.00 min

Lab File: VN062100.D

Acq: 25 Jun 2020 10:18

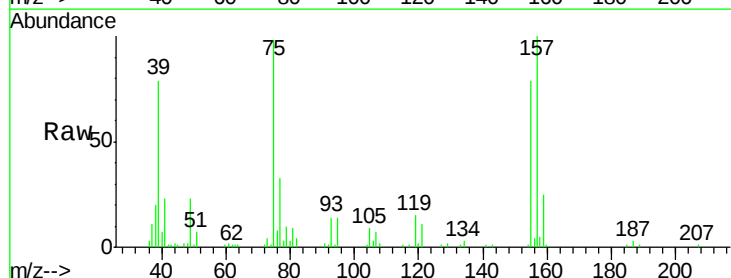
Tgt Ion: 75 Resp: 39650

Ion Ratio Lower Upper

75 100

155 82.0 40.8 122.4

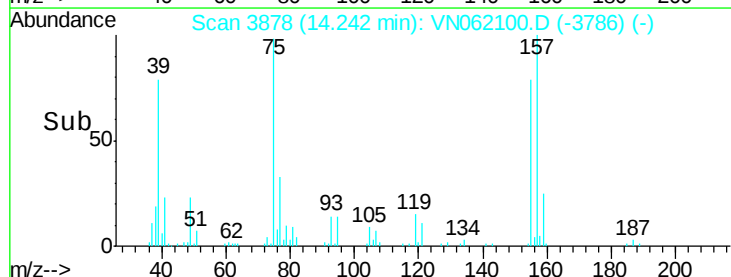
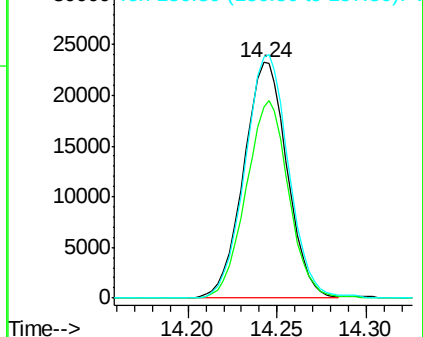
157 103.6 51.4 154.3

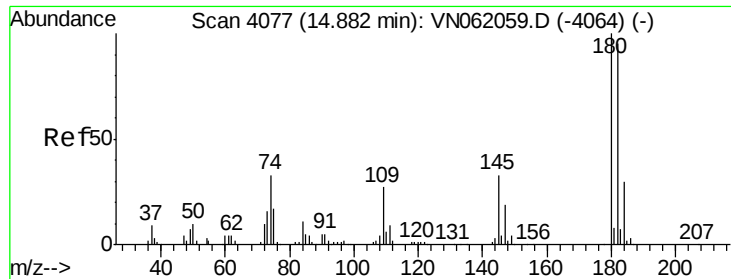


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

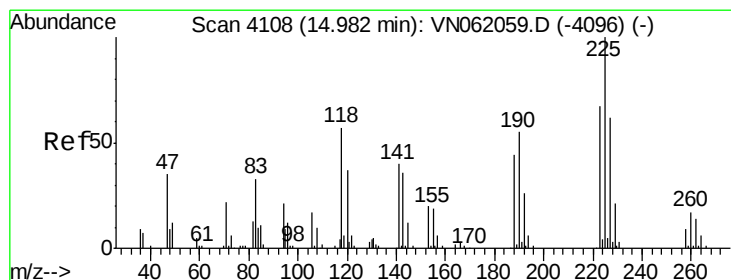
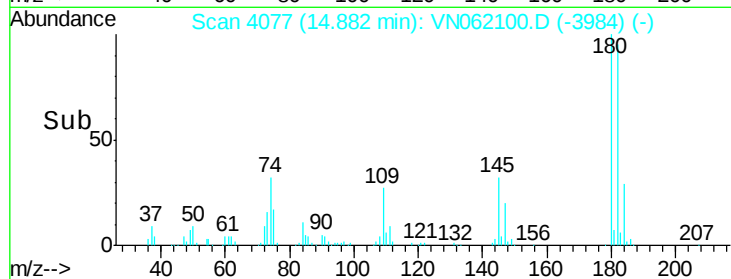
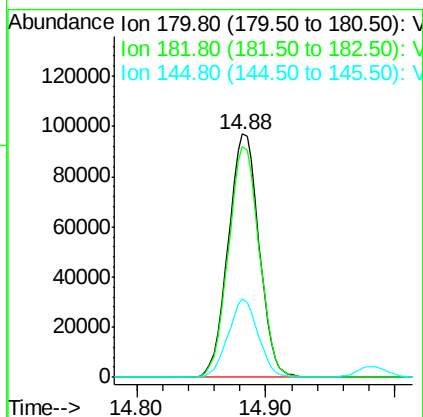
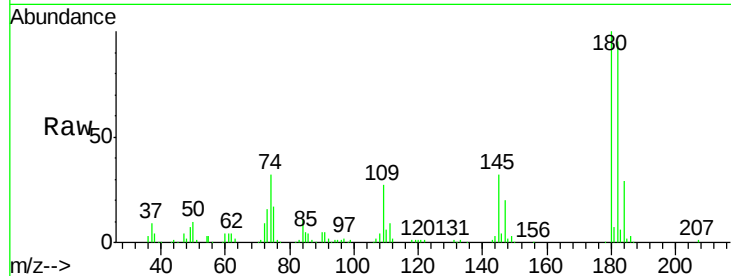




#93
 1,2,4-Trichlorobenzene
 Concen: 54.162 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN062100.D
 Acq: 25 Jun 2020 10:18

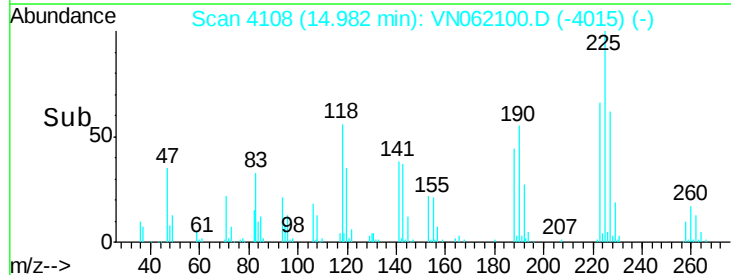
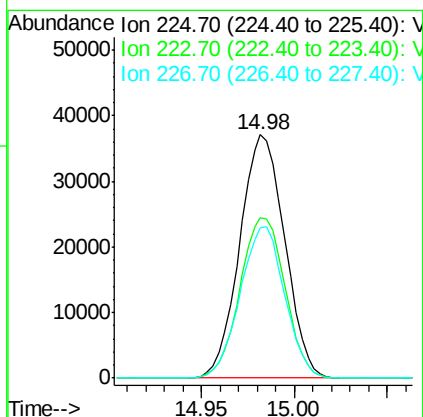
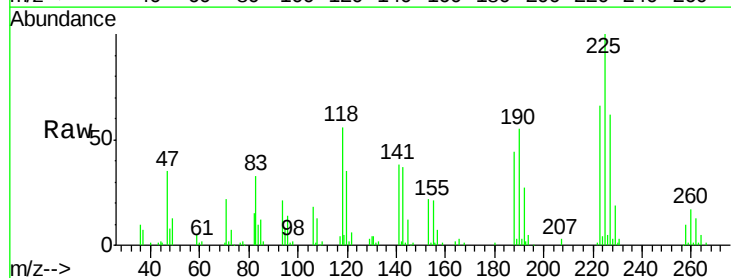
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

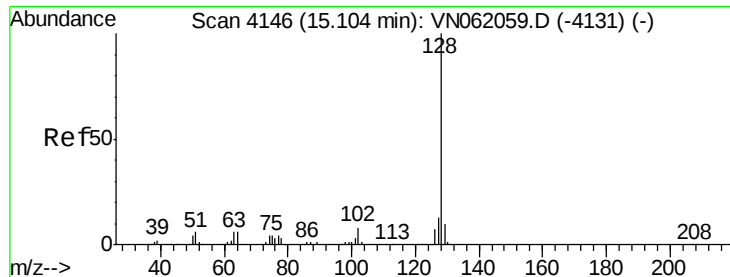
Tgt Ion:180 Resp: 160731
 Ion Ratio Lower Upper
 180 100
 182 95.0 48.0 144.2
 145 31.3 16.0 48.0



#94
 Hexachlorobutadiene
 Concen: 48.368 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062100.D
 Acq: 25 Jun 2020 10:18

Tgt Ion:225 Resp: 62342
 Ion Ratio Lower Upper
 225 100
 223 66.0 32.9 98.7
 227 61.7 31.3 93.8

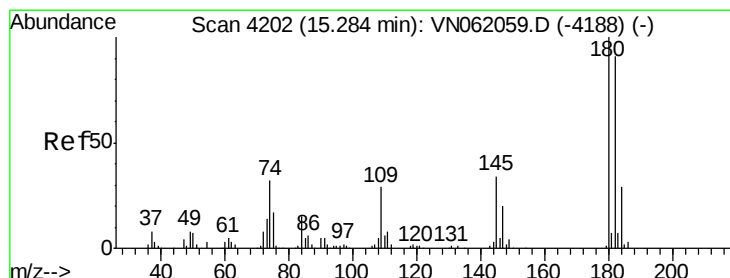
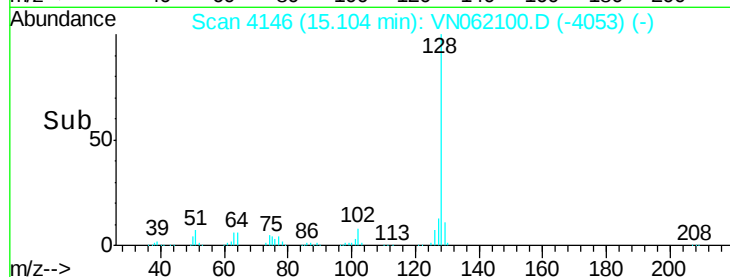
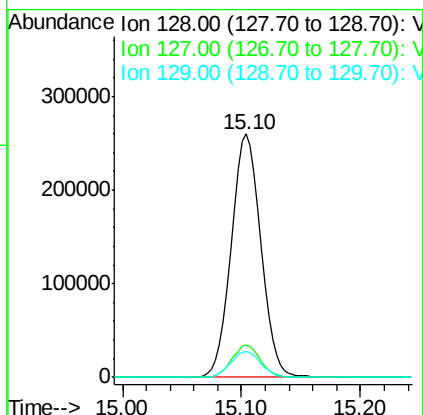
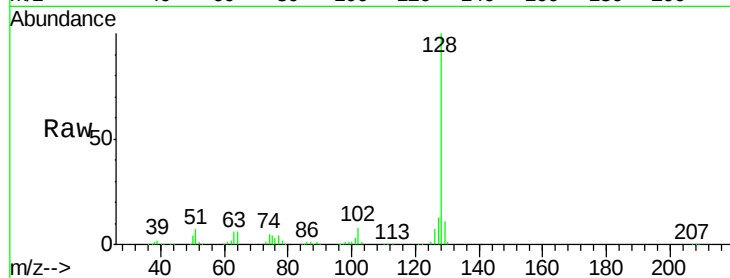




#95
Naphthalene
Concen: 45.668 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN062100.D
Acq: 25 Jun 2020 10:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 448138
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 52.156 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062100.D
Acq: 25 Jun 2020 10:18

Tgt Ion:180 Resp: 158262
Ion Ratio Lower Upper
180 100
182 93.8 46.8 140.4
145 33.1 16.4 49.2

