

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062620\
 Data File : VN062128.D
 Acq On : 26 Jun 2020 9:51
 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 27 03:38:01 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	267655	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.54	114	448102	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	416913	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	205657	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.98	65	167906	44.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.40%	
35) Dibromofluoromethane	7.54	113	141976	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	
50) Toluene-d8	10.06	98	550017	47.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.72%	
62) 4-Bromofluorobenzene	12.37	95	189317	48.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.52%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	128820	42.580	ug/l	100
3) Chloromethane	2.03	50	157937	44.187	ug/l	99
4) Vinyl Chloride	2.16	62	194626	40.850	ug/l	100
5) Bromomethane	2.52	94	133911	43.489	ug/l	97
6) Chloroethane	2.66	64	135097	41.510	ug/l	98
7) Trichlorofluoromethane	2.98	101	255982	43.604	ug/l	99
8) Diethyl Ether	3.37	74	94724	46.208	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.71	101	133973	43.579	ug/l	96
10) Methyl Iodide	3.91	142	166957	48.222	ug/l	100
11) Tert butyl alcohol	4.73	59	117004	216.958	ug/l	99
12) 1,1-Dichloroethene	3.69	96	132556	43.131	ug/l	98
13) Acrolein	3.56	56	121639	230.377	ug/l	99
14) Allyl chloride	4.27	41	183126	43.765	ug/l	99
15) Acrylonitrile	4.92	53	313540	213.352	ug/l	99
16) Acetone	3.77	43	276358	234.146	ug/l	100
17) Carbon Disulfide	4.00	76	363788	41.335	ug/l	99
18) Methyl Acetate	4.27	43	123959	41.515	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	462399	47.085	ug/l	99
20) Methylene Chloride	4.49	84	159133	46.134	ug/l	98
21) trans-1,2-Dichloroethene	4.98	96	147580	42.152	ug/l	96
22) Diisopropyl ether	5.90	45	412976	43.347	ug/l	98
23) Vinyl Acetate	5.84	43	1748686	224.812	ug/l	99
24) 1,1-Dichloroethane	5.79	63	258065	42.064	ug/l	99
25) 2-Butanone	6.78	43	385475	209.961	ug/l	97
26) 2,2-Dichloropropane	6.77	77	226148	44.235	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	171792	43.606	ug/l	97
28) Bromochloromethane	7.15	49	110521	41.520	ug/l	94
29) Tetrahydrofuran	7.16	42	250648	208.418	ug/l	98
30) Chloroform	7.32	83	269222	43.131	ug/l	99
31) Cyclohexane	7.61	56	215431	41.514	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	233224	44.306	ug/l	98
36) 1,1-Dichloropropene	7.75	75	199215	44.230	ug/l	99
37) Ethyl Acetate	6.87	43	161702	43.356	ug/l	99
38) Carbon Tetrachloride	7.73	117	195787	46.107	ug/l	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	230120	46.630	ug/l	98
40) Benzene	8.00	78	616170	44.883	ug/l	96
41) Methacrylonitrile	7.16	41	230370	133.233	ug/l #	14
42) 1,2-Dichloroethane	8.08	62	208401	44.931	ug/l	99
43) Isopropyl Acetate	8.12	43	279532	45.976	ug/l #	89
44) Trichloroethene	8.80	130	157896	45.595	ug/l	97
45) 1,2-Dichloropropane	9.08	63	153378	45.286	ug/l	100
46) Dibromomethane	9.17	93	108045	47.052	ug/l	97
47) Bromodichloromethane	9.37	83	216018	46.590	ug/l	97
48) Methyl methacrylate	9.17	41	125076	45.881	ug/l	97
49) 1,4-Dioxane	9.16	88	57937	958.368	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	821098	231.150	ug/l	100
52) Toluene	10.12	92	396643	47.353	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	247661	48.551	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	269557	49.635	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	157281	47.767	ug/l	99
56) Ethyl methacrylate	10.40	69	222677	50.675	ug/l	98
57) 1,3-Dichloropropane	10.68	76	267526	47.204	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	438996	235.639	ug/l	98
59) 2-Hexanone	10.72	43	592519	230.996	ug/l	97
60) Dibromochloromethane	10.87	129	175621	50.379	ug/l	98
61) 1,2-Dibromoethane	10.98	107	163118	48.213	ug/l	99
64) Tetrachloroethene	10.60	164	135817	47.690	ug/l	96
65) Chlorobenzene	11.40	112	426454	46.579	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	154631	48.843	ug/l	99
67) Ethyl Benzene	11.48	91	755165	48.839	ug/l	99
68) m/p-Xylenes	11.59	106	591546	98.910	ug/l	99
69) o-Xylene	11.92	106	285373	50.573	ug/l	98
70) Styrene	11.94	104	478095	50.803	ug/l	100
71) Bromoform	12.10	173	115749	51.423	ug/l #	98
73) Isopropylbenzene	12.22	105	741965	46.607	ug/l	100
74) N-amyl acetate	12.04	43	251923	43.458	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	221738	41.856	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	281022	58.046	ug/l #	100
77) Bromobenzene	12.50	156	181293	45.870	ug/l	96
78) n-propylbenzene	12.56	91	849415	46.647	ug/l	99
79) 2-Chlorotoluene	12.65	91	496167	45.071	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	617353	47.838	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	74526	44.955	ug/l	99
82) 4-Chlorotoluene	12.75	91	518643	45.559	ug/l	99
83) tert-Butylbenzene	12.97	119	518006	46.902	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	613866	47.627	ug/l	99
85) sec-Butylbenzene	13.15	105	697946	47.825	ug/l	99
86) p-Isopropyltoluene	13.26	119	637320	49.846	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	326885	47.100	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	329667	46.081	ug/l	99
89) n-Butylbenzene	13.59	91	522004	49.107	ug/l	99
90) Hexachloroethane	13.85	117	113133	45.099	ug/l	94
91) 1,2-Dichlorobenzene	13.63	146	314500	46.731	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	37495	44.182	ug/l	96

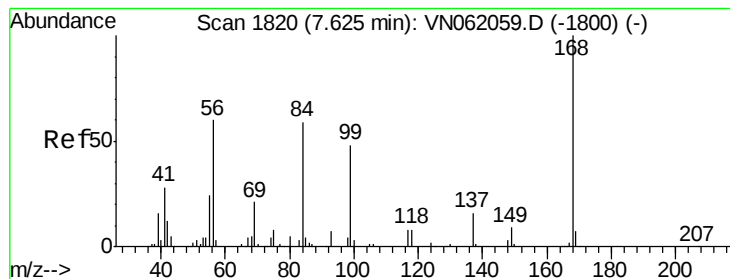
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	152758	51.958	ug/l	100
94) Hexachlorobutadiene	14.98	225	61503	48.165	ug/l	99
95) Naphthalene	15.10	128	435016	44.827	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	152743	50.809	ug/l	99

(#) = 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: VN062128.D

Acq: 26 Jun 2020 9:51

Instrument :

MSVOA_N

ClientSampleId :

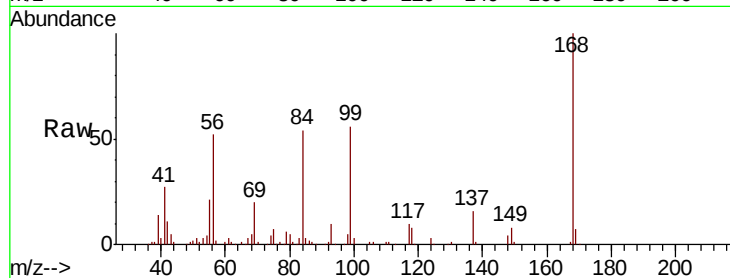
VSTDCCC050

Tot Ion:168 Resp: 267655

Ion Ratio Lower Upper

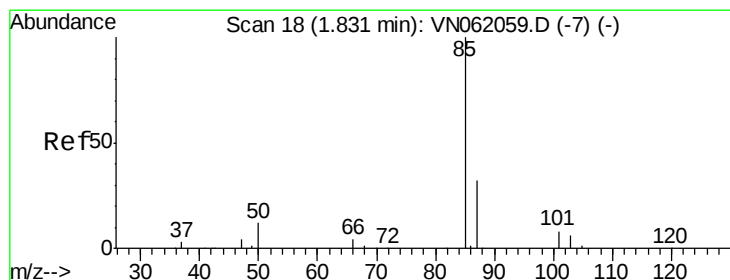
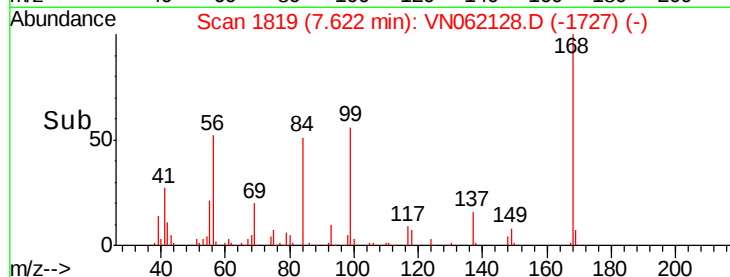
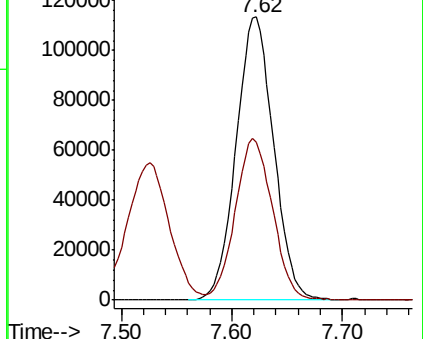
168 100

99 55.4 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 42.580 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062128.D

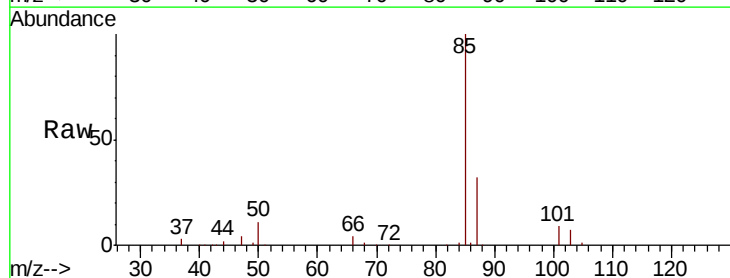
Acq: 26 Jun 2020 9:51

Tgt Ion: 85 Resp: 128820

Ion Ratio Lower Upper

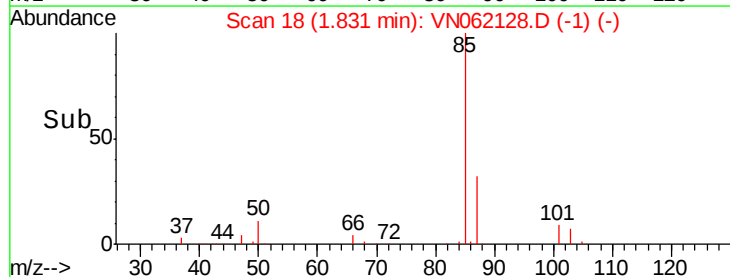
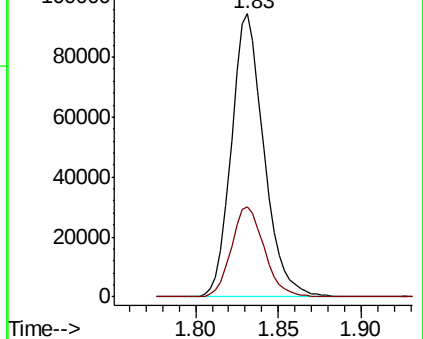
85 100

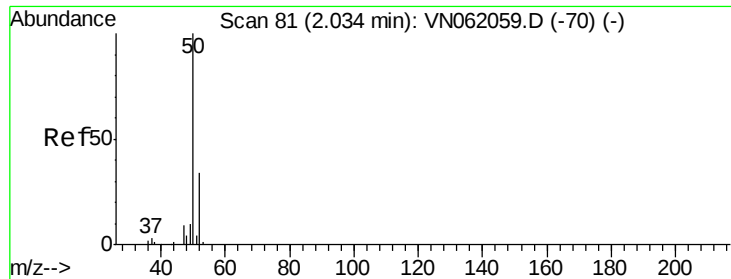
87 32.0 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 44.187 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062128.D

Acq: 26 Jun 2020 9:51

Instrument :

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ClientSampleId :

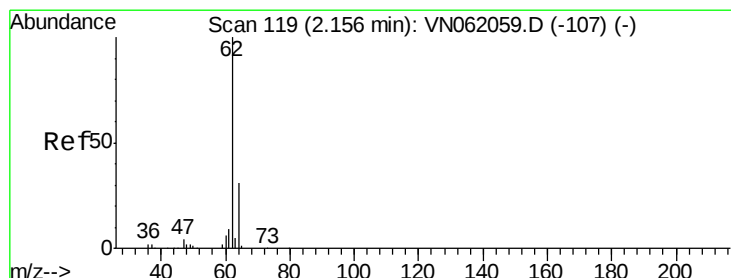
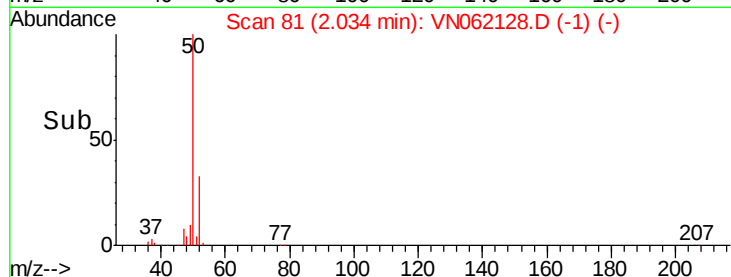
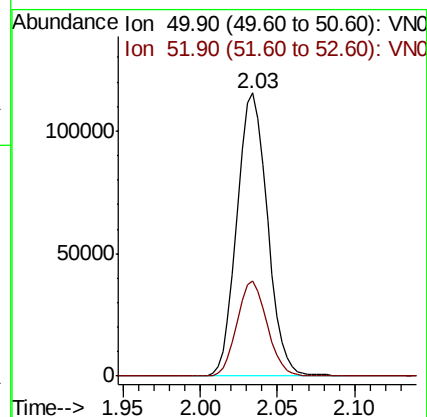
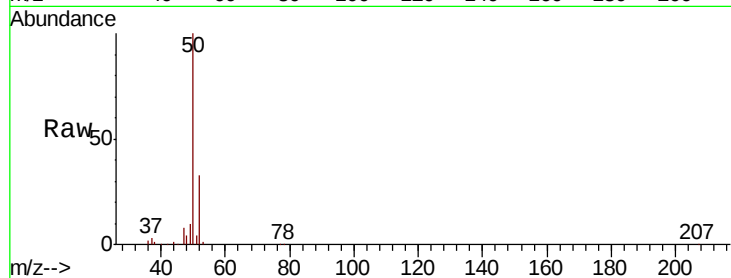
VSTDCCC050

Tot Ion: 50 Resp: 157937

Ion Ratio Lower Upper

50 100

52 33.5 27.0 40.6



#4

Vinyl Chloride

Concen: 40.850 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062128.D

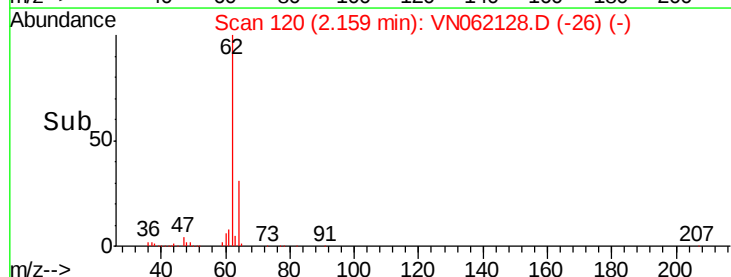
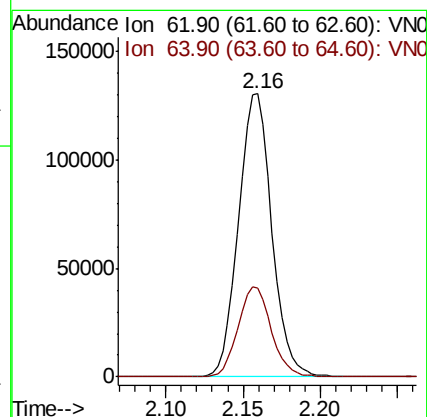
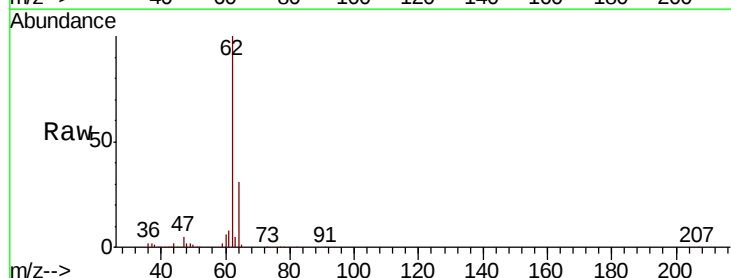
Acq: 26 Jun 2020 9:51

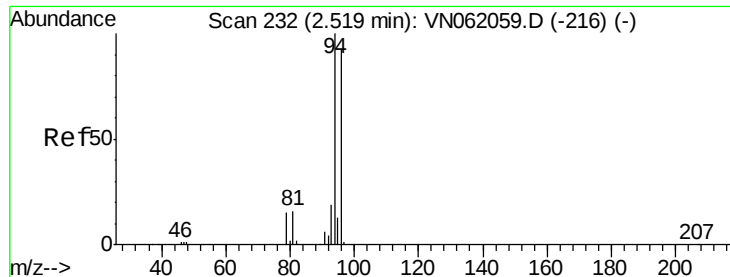
Tgt Ion: 62 Resp: 194626

Ion Ratio Lower Upper

62 100

64 31.3 25.1 37.7





#5

Bromomethane

Concen: 43.489 ug/l

RT: 2.52 min Scan# 232

Delta R.T. -0.00 min

Lab File: VN062128.D

Acq: 26 Jun 2020 9:51

Instrument :

MSVOA_N

ClientSampleId :

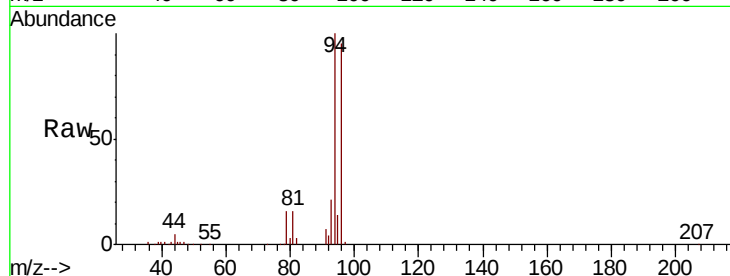
VSTDCCC050

Tot Ion: 94 Resp: 133911

Ion Ratio Lower Upper

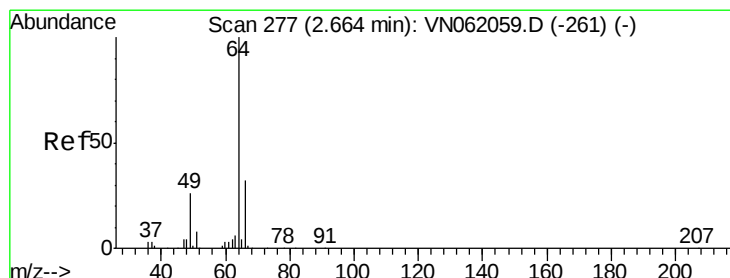
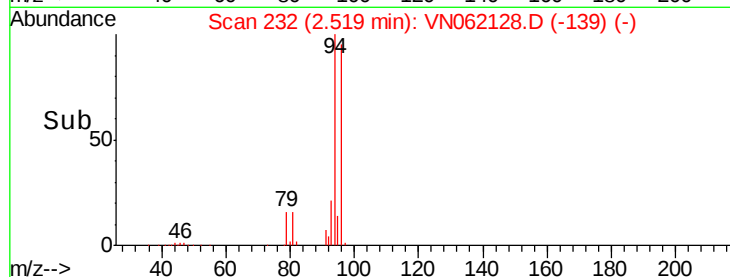
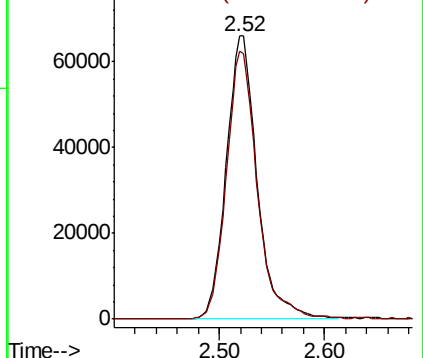
94 100

96 94.5 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: 41.510 ug/l

RT: 2.66 min Scan# 277

Delta R.T. -0.00 min

Lab File: VN062128.D

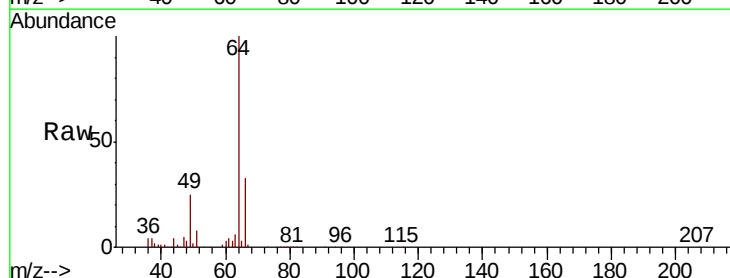
Acq: 26 Jun 2020 9:51

Tgt Ion: 64 Resp: 135097

Ion Ratio Lower Upper

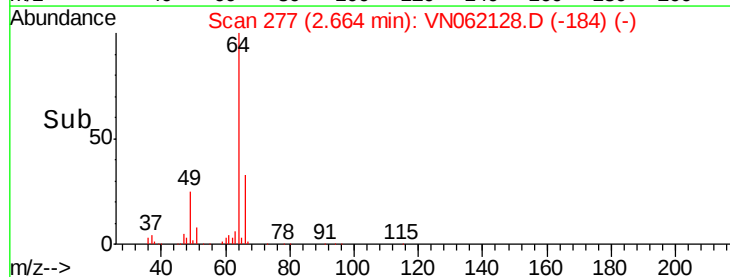
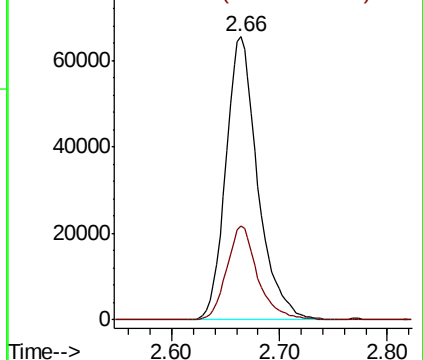
64 100

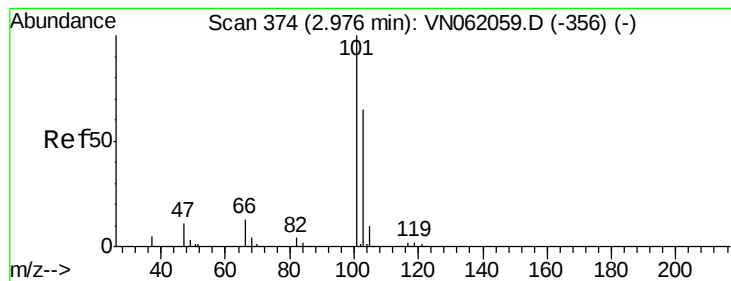
66 33.2 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



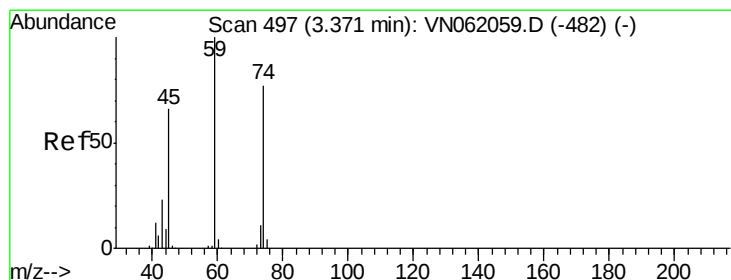
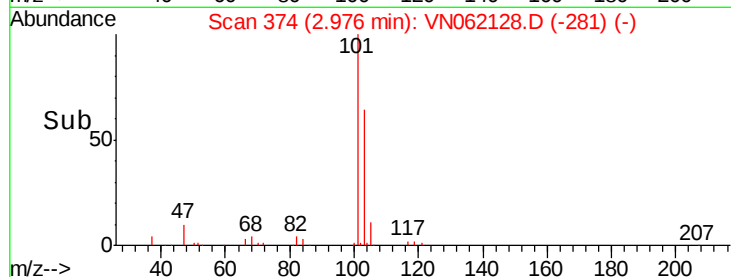
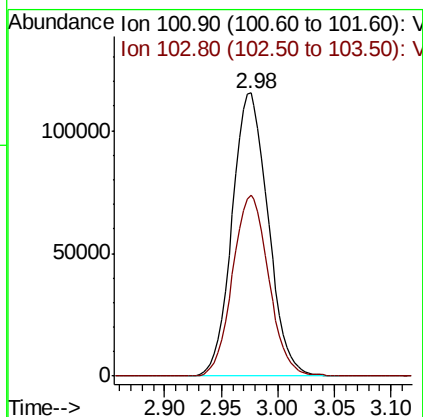
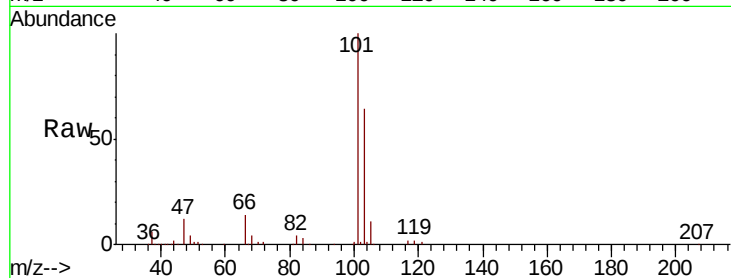


#7

Trichlorofluoromethane
 Concen: 43.604 ug/l
 RT: 2.98 min Scan# 374
 Delta R.T. -0.00 min
 Lab File: VN062128.D
 Acq: 26 Jun 2020 9:51

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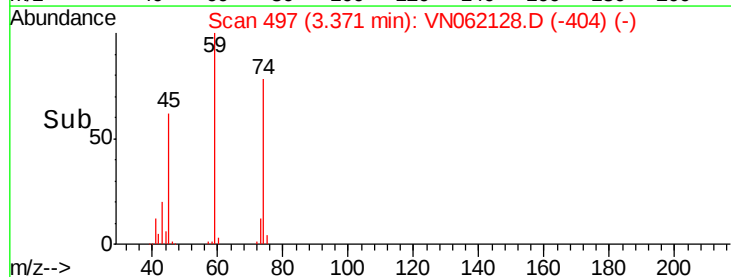
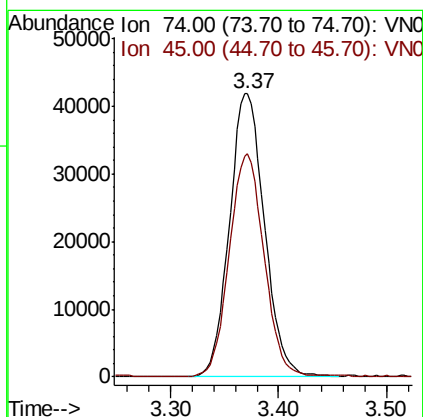
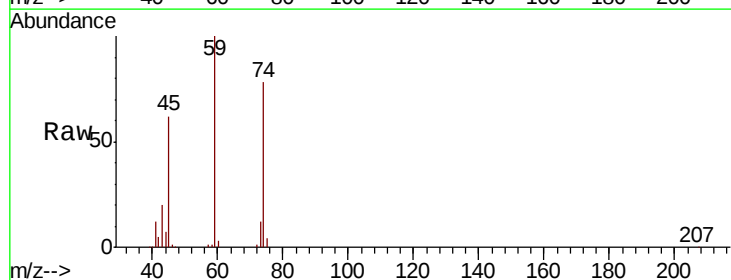
Tot Ion:101 Resp: 255982
 Ion Ratio Lower Upper
 101 100
 103 64.0 51.8 77.6

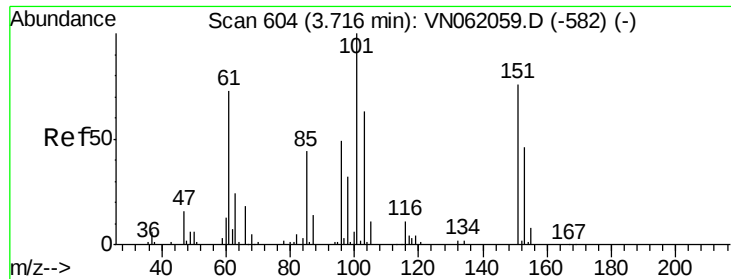


#8

Diethyl Ether
 Concen: 46.208 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN062128.D
 Acq: 26 Jun 2020 9:51

Tgt Ion: 74 Resp: 94724
 Ion Ratio Lower Upper
 74 100
 45 78.0 42.5 127.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.579 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN062128.D

Acq: 26 Jun 2020 9:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

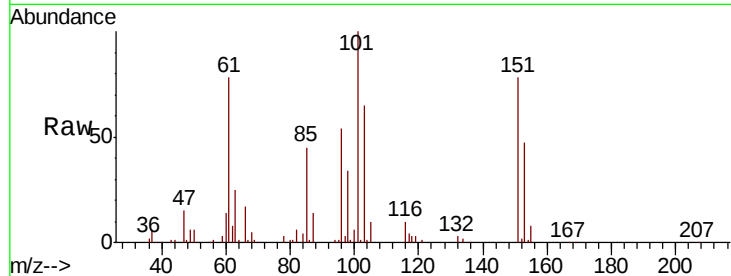
Tot Ion:101 Resp: 133973

Ion Ratio Lower Upper

101 100

85 43.8 34.5 51.7

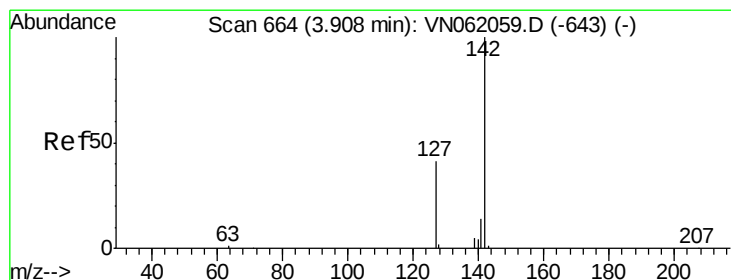
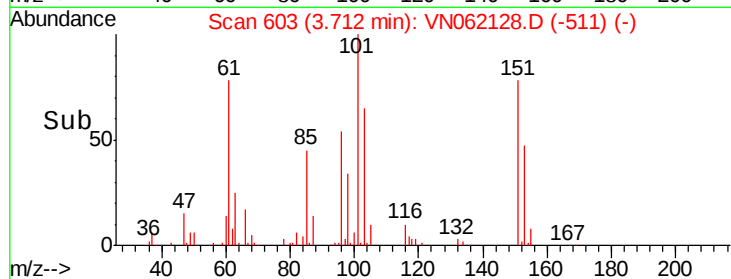
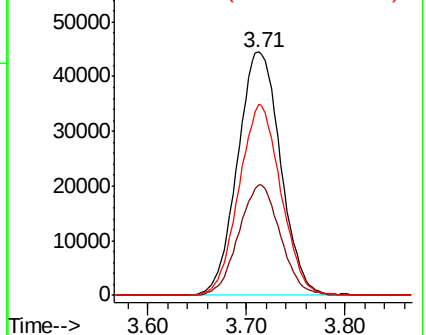
151 76.6 57.8 86.8



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: 48.222 ug/l

RT: 3.91 min Scan# 663

Delta R.T. -0.00 min

Lab File: VN062128.D

Acq: 26 Jun 2020 9:51

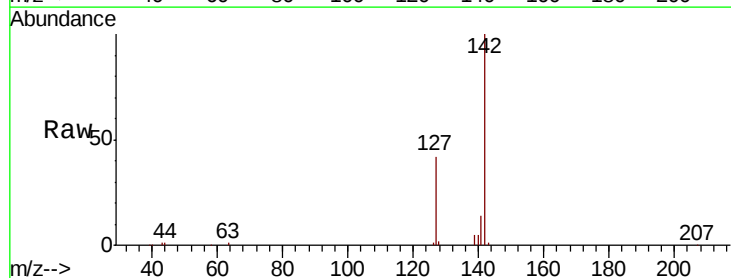
Tgt Ion:142 Resp: 166957

Ion Ratio Lower Upper

142 100

127 41.8 33.6 50.4

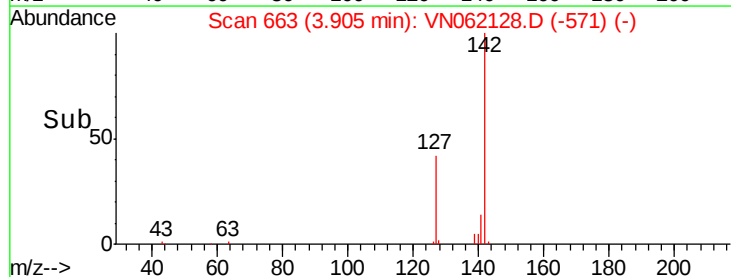
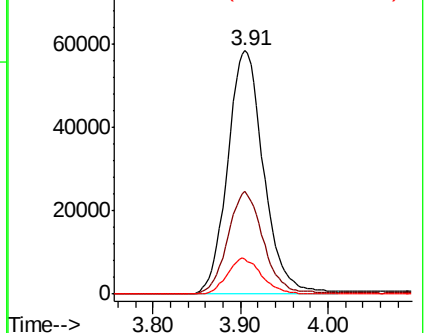
141 13.9 11.3 16.9

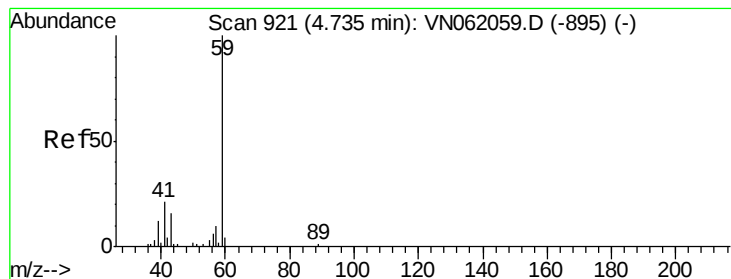


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



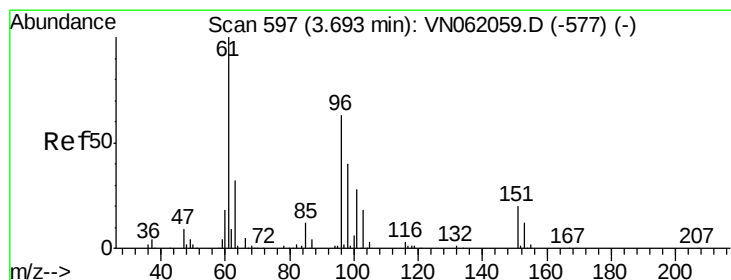
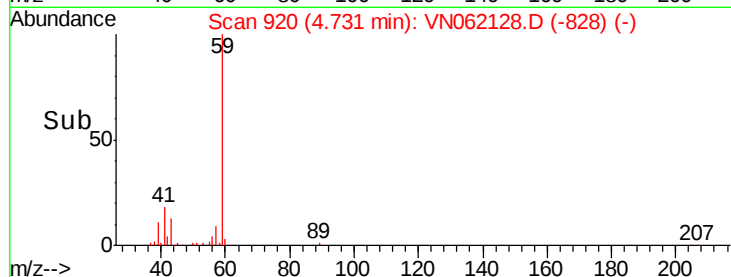
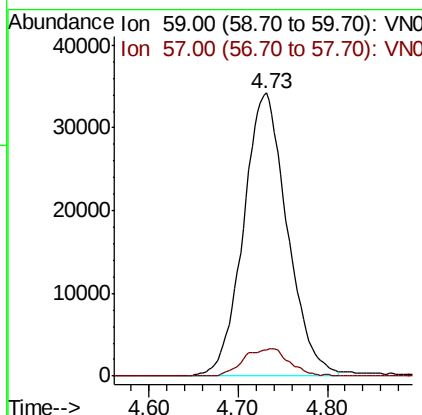
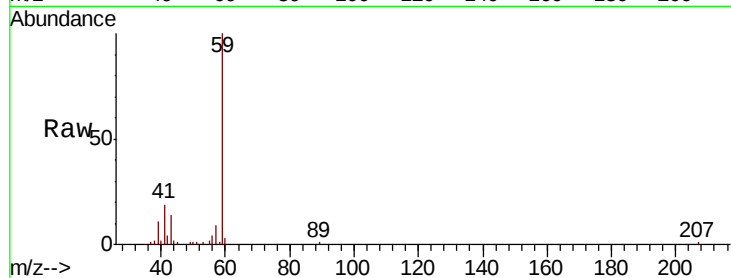


#11

Tert butyl alcohol
 Concen: 216.958 ug/l
 RT: 4.73 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VN062128.D
 Acq: 26 Jun 2020 9:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

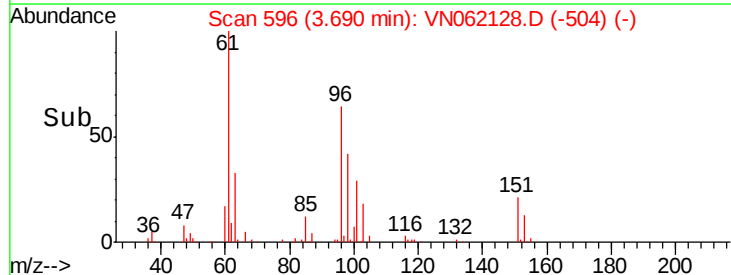
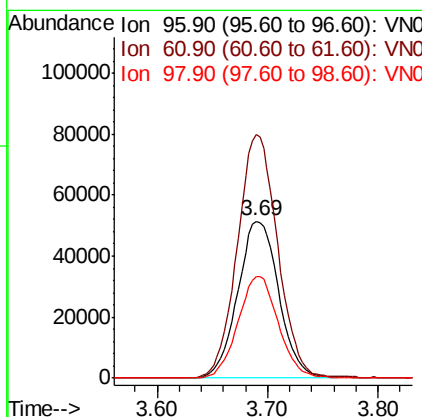
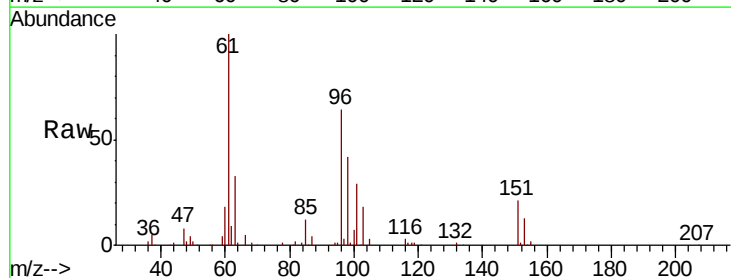
Tot Ion: 59 Resp: 117004
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.3 12.5

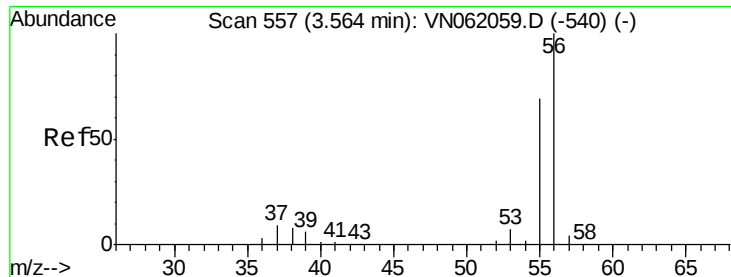


#12

1,1-Dichloroethene
 Concen: 43.131 ug/l
 RT: 3.69 min Scan# 596
 Delta R.T. -0.00 min
 Lab File: VN062128.D
 Acq: 26 Jun 2020 9:51

Tgt Ion: 96 Resp: 132556
 Ion Ratio Lower Upper
 96 100
 61 155.5 126.7 190.1
 98 64.6 51.0 76.4





#13

Acrolein

Concen: 230.377 ug/l

RT: 3.56 min Scan# 556

Delta R.T. -0.00 min

Lab File: VN062128.D

Acq: 26 Jun 2020 9:51

Instrument :

MSVOA_N

ClientSampled :

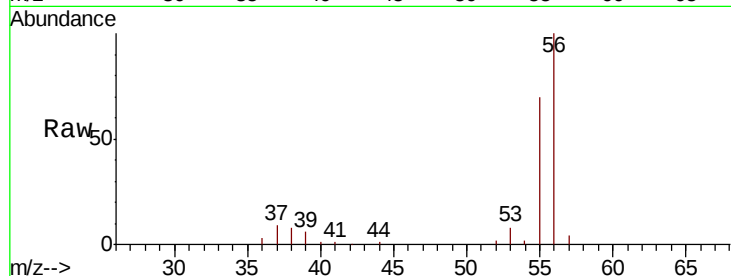
VSTDCCC050

Tot Ion: 56 Resp: 121639

Ion Ratio Lower Upper

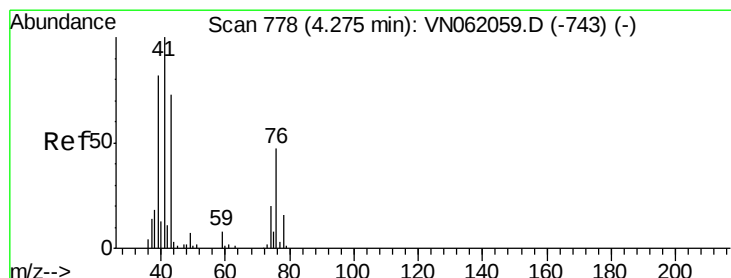
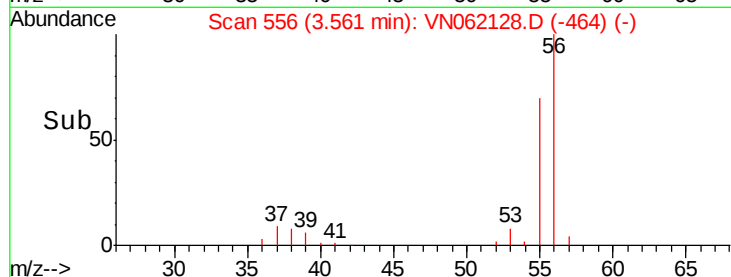
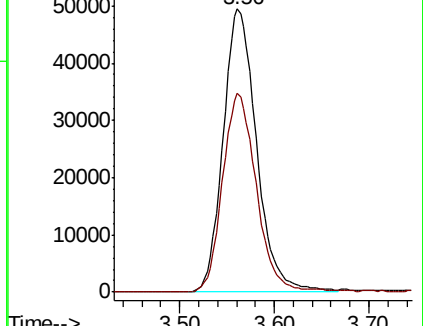
56 100

55 70.0 55.5 83.3



Abundance Ion 56.00 (55.70 to 56.70): VN062059.D (-540) (-)

Ion 55.00 (54.70 to 55.70): VN062059.D (-540) (-)



#14

Allyl chloride

Concen: 43.765 ug/l

RT: 4.27 min Scan# 776

Delta R.T. -0.01 min

Lab File: VN062128.D

Acq: 26 Jun 2020 9:51

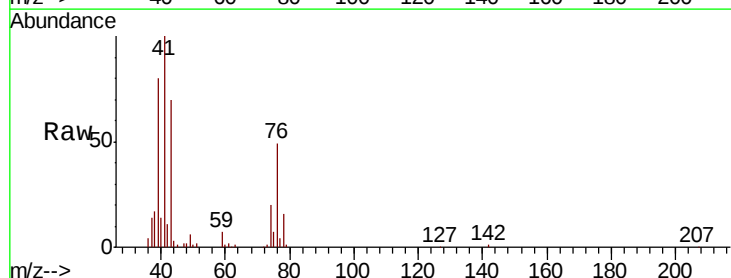
Tgt Ion: 41 Resp: 183126

Ion Ratio Lower Upper

41 100

39 74.9 60.0 90.0

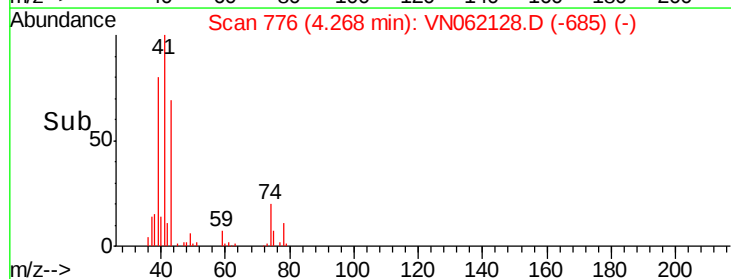
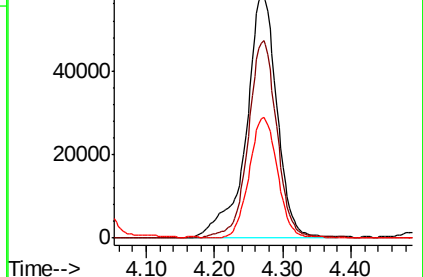
76 44.5 34.1 51.1

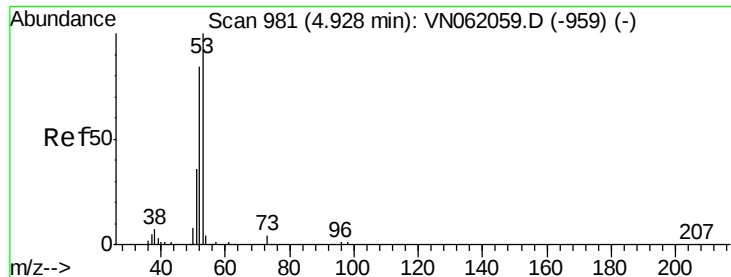


Abundance Ion 41.00 (40.70 to 41.70): VN062059.D (-743) (-)

Ion 39.00 (38.70 to 39.70): VN062059.D (-743) (-)

Ion 75.90 (75.60 to 76.60): VN062059.D (-743) (-)





#15

Acrylonitrile

Concen: 213.352 ug/l

RT: 4.92 min Scan# 980

Delta R.T. -0.00 min

Lab File: VN062128.D

Acq: 26 Jun 2020 9:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

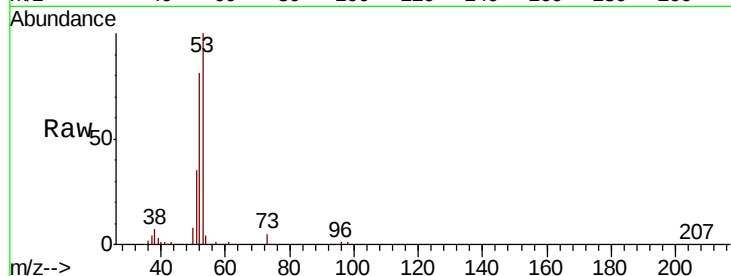
Tot Ion: 53 Resp: 313540

Ion Ratio Lower Upper

53 100

52 82.1 66.2 99.4

51 36.1 28.9 43.3

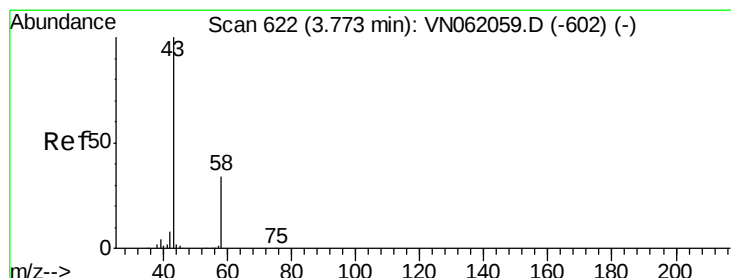
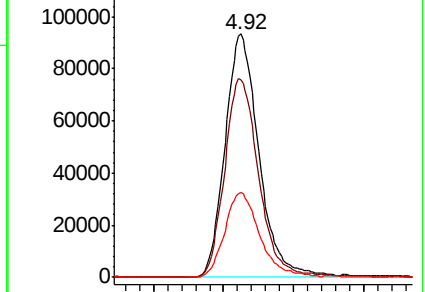
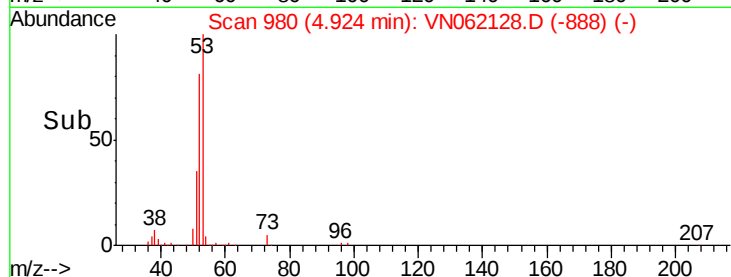


Abundance Ion 53.00 (52.70 to 53.70): VN062059.D (-959) (-)

Ion 52.00 (51.70 to 52.70): VN062059.D (-959) (-)

Ion 51.00 (50.70 to 51.70): VN062059.D (-959) (-)

Time-->



#16

Acetone

Concen: 234.146 ug/l

RT: 3.77 min Scan# 621

Delta R.T. -0.00 min

Lab File: VN062128.D

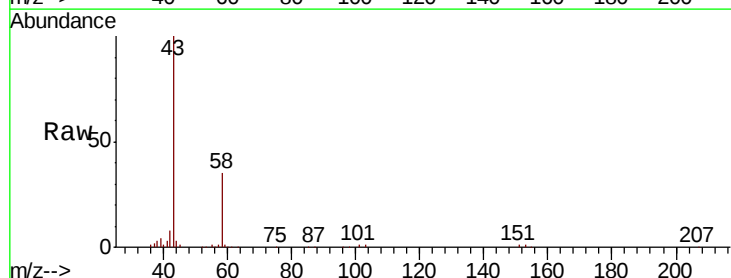
Acq: 26 Jun 2020 9:51

Tgt Ion: 43 Resp: 276358

Ion Ratio Lower Upper

43 100

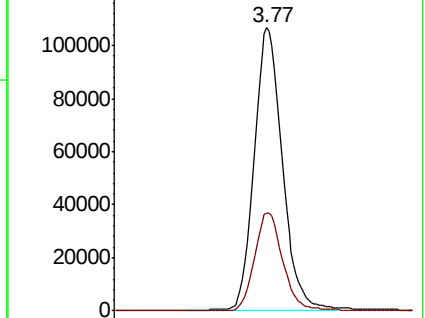
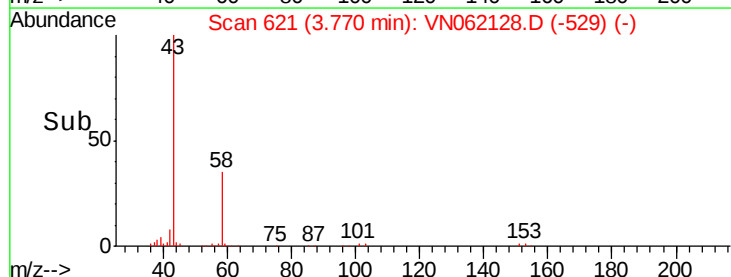
58 34.6 27.5 41.3

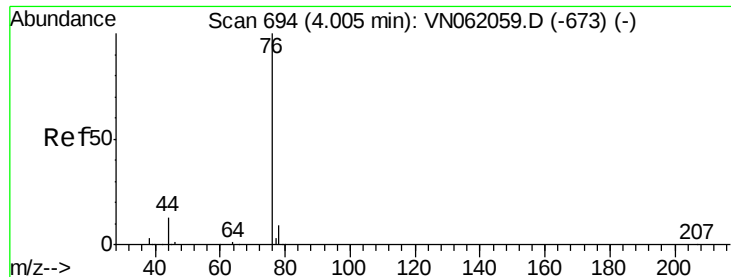


Abundance Ion 43.00 (42.70 to 43.70): VN062059.D (-602) (-)

Ion 58.00 (57.70 to 58.70): VN062059.D (-602) (-)

Time-->

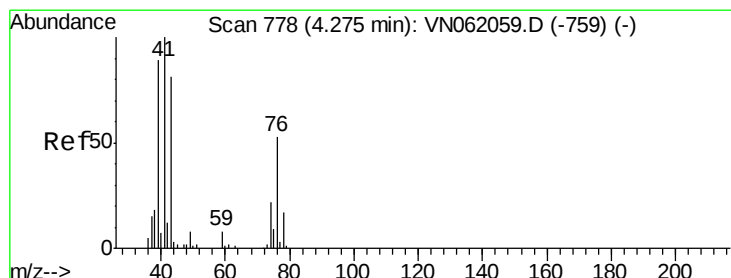
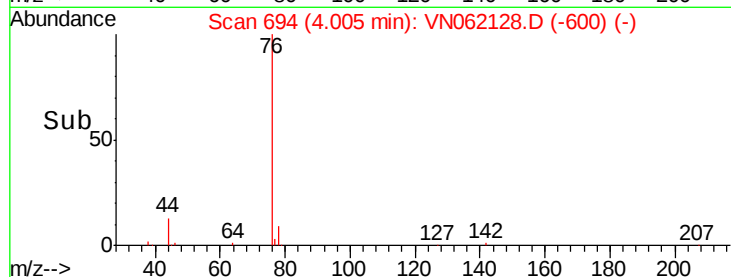
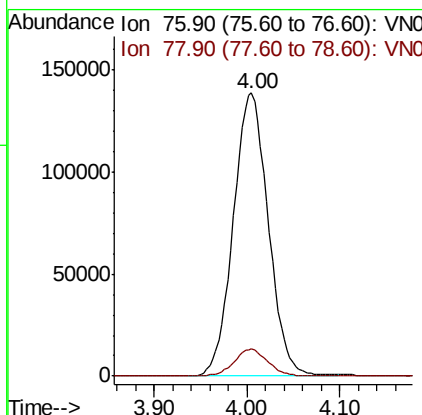
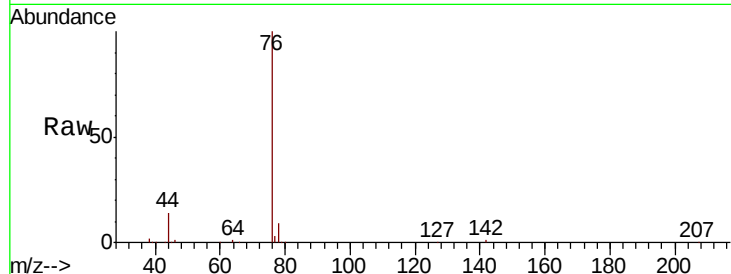




#17
Carbon Disulfide
Concen: 41.335 ug/l
RT: 4.00 min Scan# 694
Delta R.T. 0.00 min
Lab File: VN062128.D
Acq: 26 Jun 2020 9:51

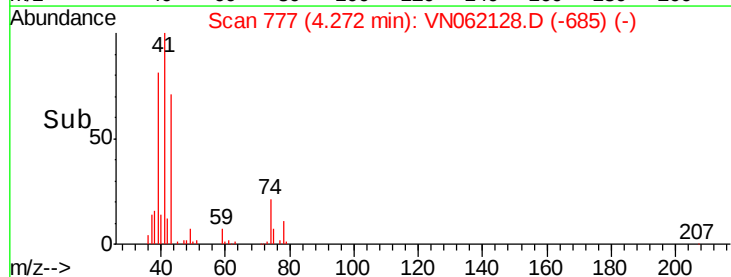
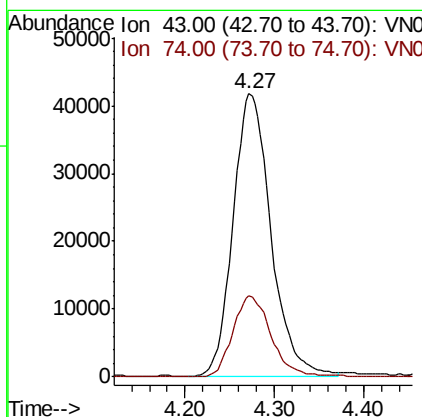
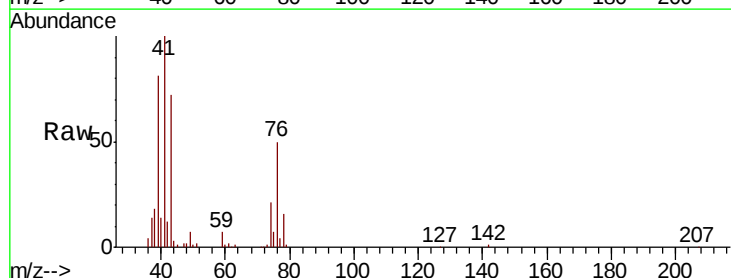
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

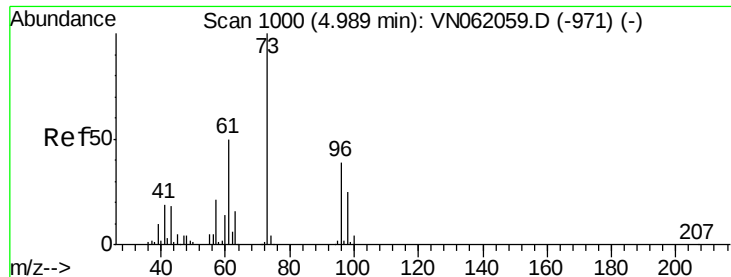
Tot Ion: 76 Resp: 363788
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8



#18
Methyl Acetate
Concen: 41.515 ug/l
RT: 4.27 min Scan# 777
Delta R.T. -0.00 min
Lab File: VN062128.D
Acq: 26 Jun 2020 9:51

Tgt Ion: 43 Resp: 123959
Ion Ratio Lower Upper
43 100
74 28.3 22.9 34.3

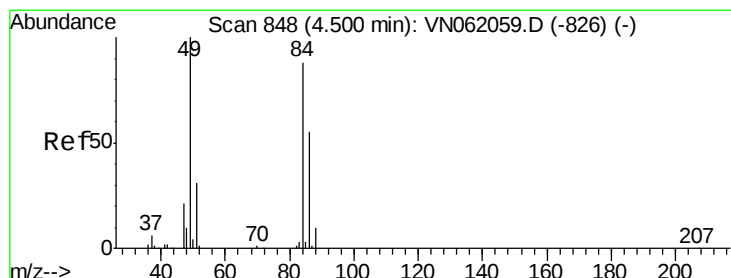
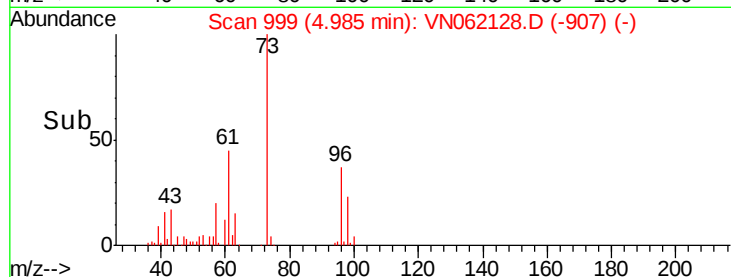
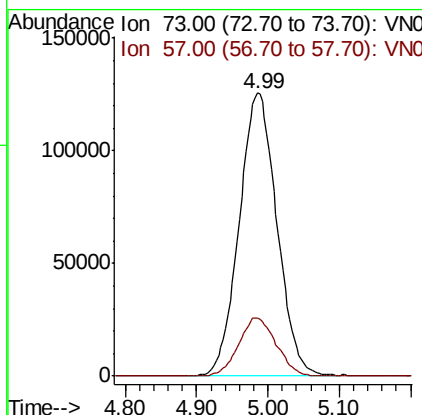
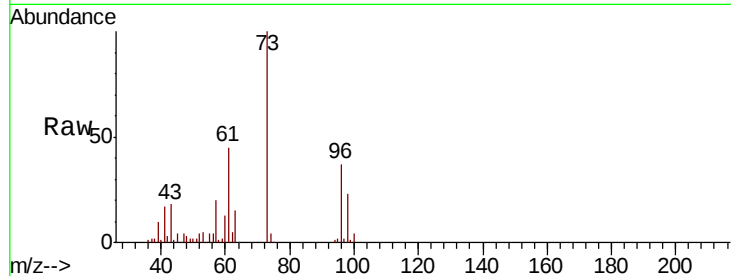




#19
Methyl tert-butyl Ether
Concen: 47.085 ug/l
RT: 4.99 min Scan# 999
Delta R.T. -0.00 min
Lab File: VN062128.D
Acq: 26 Jun 2020 9:51

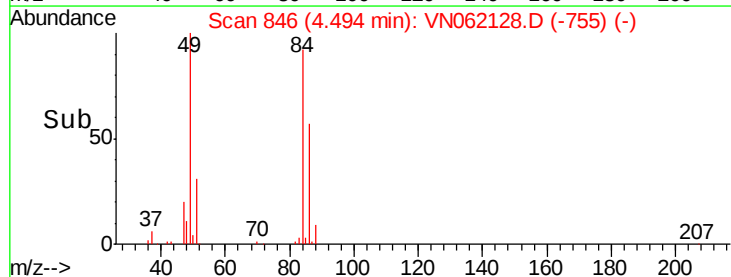
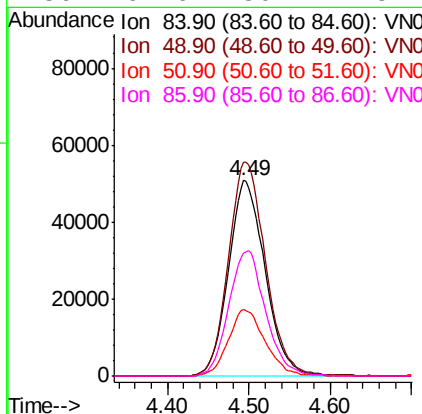
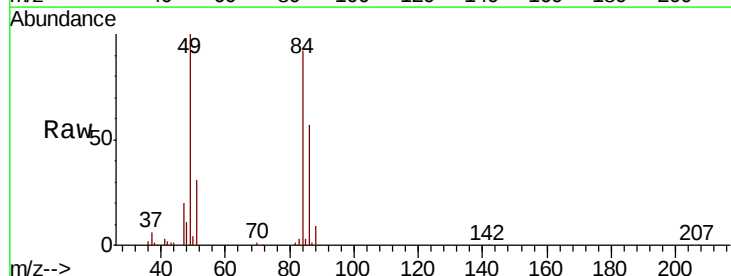
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

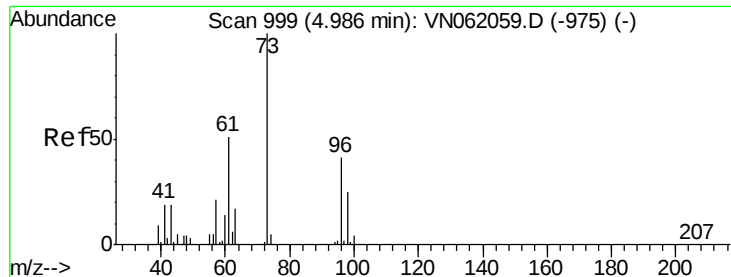
Tot Ion: 73 Resp: 462399
Ion Ratio Lower Upper
73 100
57 20.3 16.6 24.8



#20
Methylene Chloride
Concen: 46.134 ug/l
RT: 4.49 min Scan# 846
Delta R.T. -0.01 min
Lab File: VN062128.D
Acq: 26 Jun 2020 9:51

Tgt Ion: 84 Resp: 159133
Ion Ratio Lower Upper
84 100
49 109.2 90.6 136.0
51 34.0 27.8 41.8
86 62.6 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 42.152 ug/l

RT: 4.98 min Scan# 998

Delta R.T. -0.00 min

Lab File: VN062128.D

Acq: 26 Jun 2020 9:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

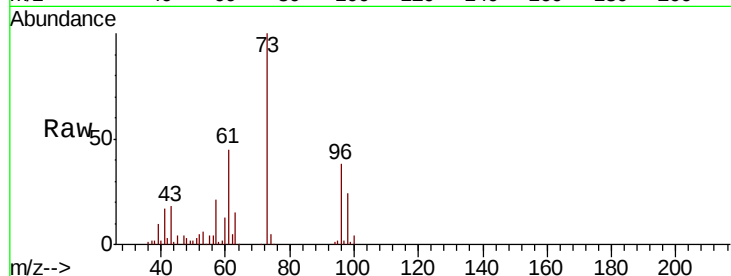
Tot Ion: 96 Resp: 147580

Ion Ratio Lower Upper

96 100

61 120.1 101.4 152.2

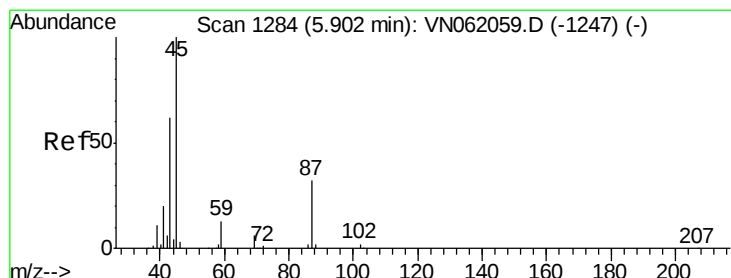
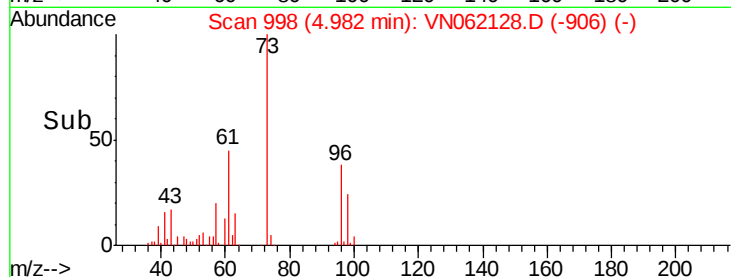
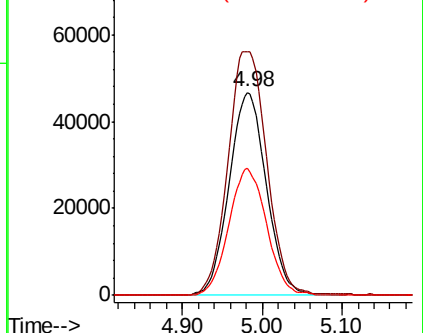
98 62.7 49.3 73.9



Abundance Ion 95.90 (95.60 to 96.60): VN062128.D (-906) (-)

Ion 60.90 (60.60 to 61.60): VN062128.D (-906) (-)

Ion 97.90 (97.60 to 98.60): VN062128.D (-906) (-)



#22

Diisopropyl ether

Concen: 43.347 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. -0.01 min

Lab File: VN062128.D

Acq: 26 Jun 2020 9:51

Tgt Ion: 45 Resp: 412976

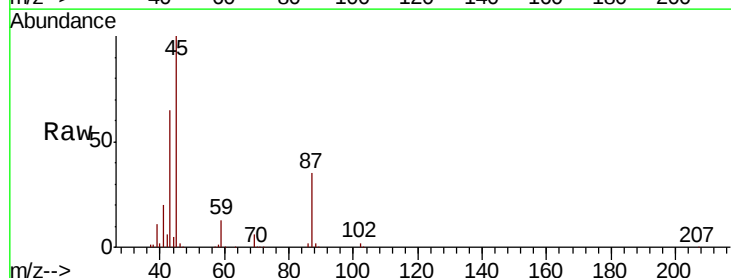
Ion Ratio Lower Upper

45 100

43 63.1 49.7 74.5

87 34.9 25.9 38.9

59 12.9 10.6 16.0

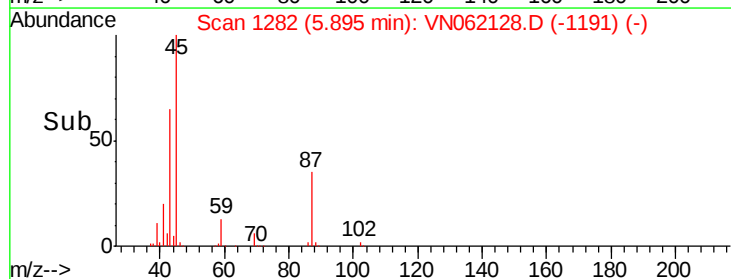
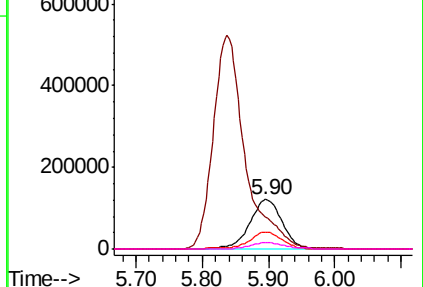


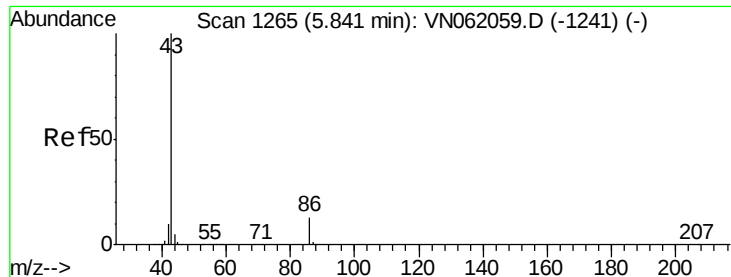
Abundance Ion 45.00 (44.70 to 45.70): VN062128.D (-1191) (-)

Ion 43.00 (42.70 to 43.70): VN062128.D (-1191) (-)

Ion 87.00 (86.70 to 87.70): VN062128.D (-1191) (-)

Ion 59.00 (58.70 to 59.70): VN062128.D (-1191) (-)





#23

Vinyl Acetate

Concen: 224.812 ug/l

RT: 5.84 min Scan# 1264

Delta R.T. -0.00 min

Lab File: VN062128.D

Acq: 26 Jun 2020 9:51

Instrument :

MSVOA_N

ClientSampleId :

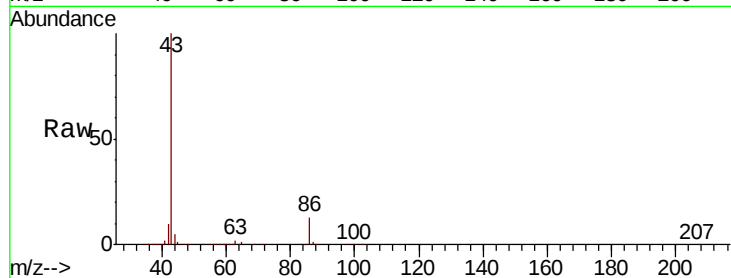
VSTDCCC050

Tot Ion: 43 Resp: 1748686

Ion Ratio Lower Upper

43 100

86 13.1 10.1 15.1



Abundance Ion 43.00 (42.70 to 43.70): VN062128.D (-1172) (-)

Ion 86.00 (85.70 to 86.70): VN062128.D (-1172) (-)

5.84

600000

500000

400000

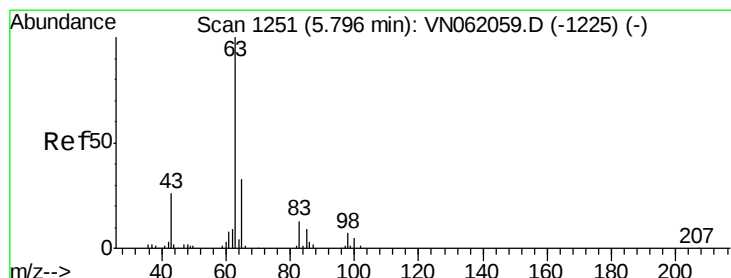
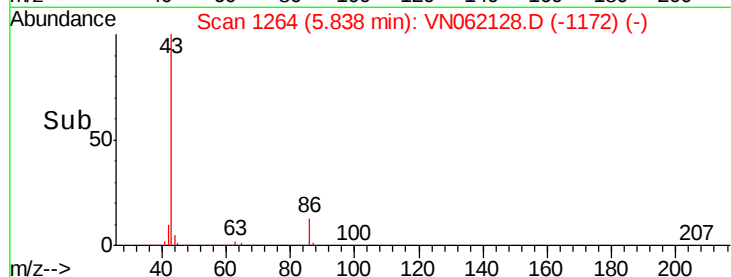
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 42.064 ug/l

RT: 5.79 min Scan# 1249

Delta R.T. -0.01 min

Lab File: VN062128.D

Acq: 26 Jun 2020 9:51

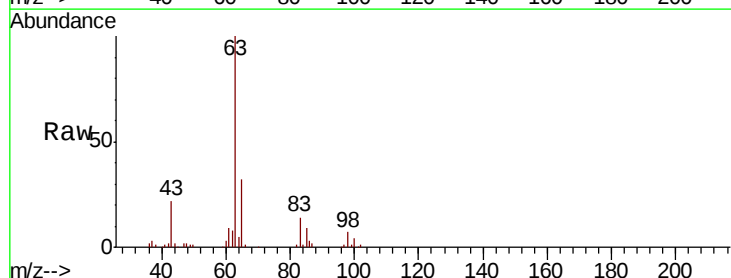
Tgt Ion: 63 Resp: 258065

Ion Ratio Lower Upper

63 100

98 7.4 3.6 10.9

100 4.3 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VN062128.D (-1158) (-)

Ion 97.90 (97.60 to 98.60): VN062128.D (-1158) (-)

Ion 99.90 (99.60 to 100.60): VN062128.D (-1158) (-)

100000

80000

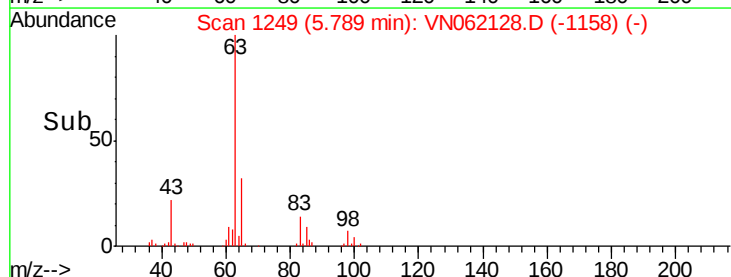
60000

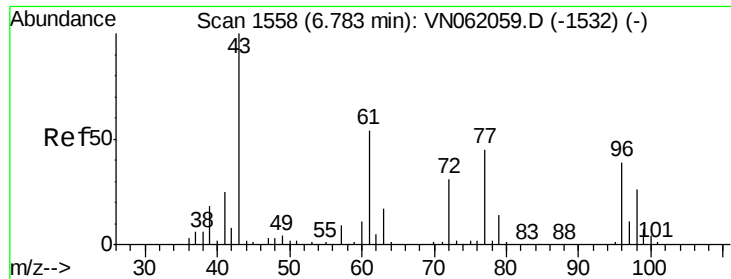
40000

20000

0

Time-->

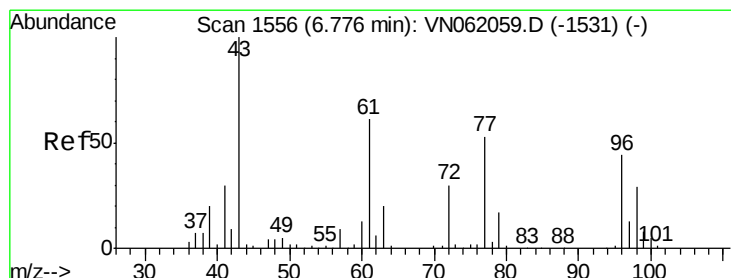
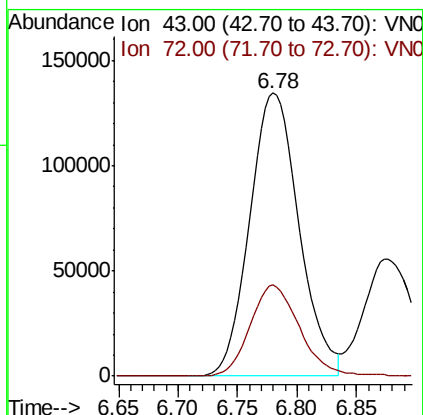
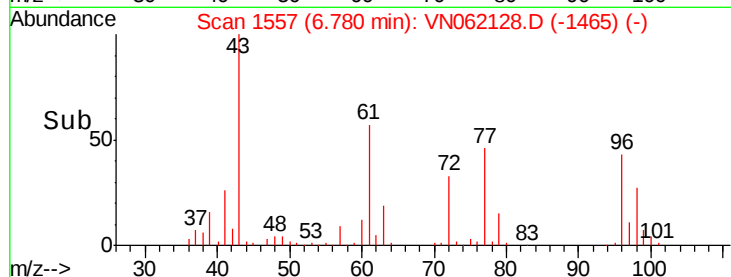
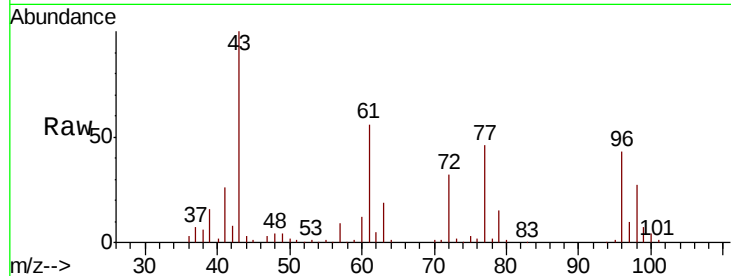




#25
2-Butanone
Concen: 209.961 ug/l
RT: 6.78 min Scan# 1557
Delta R.T. -0.00 min
Lab File: VN062128.D
Acq: 26 Jun 2020 9:51

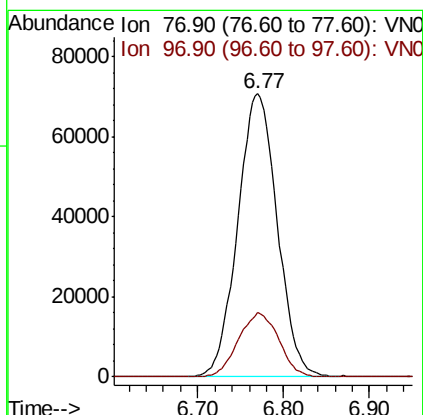
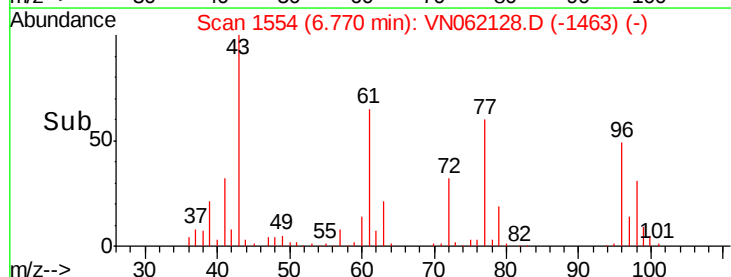
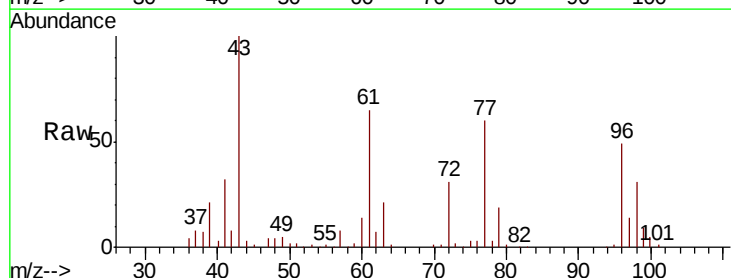
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

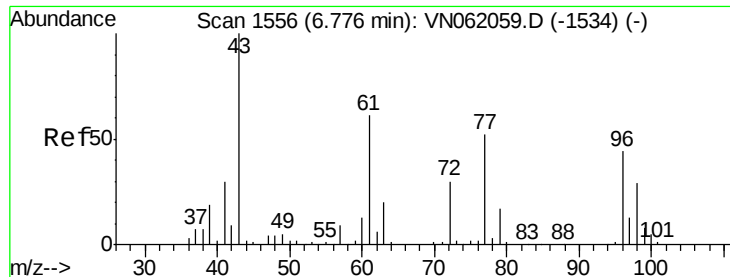
Tot Ion: 43 Resp: 385475
Ion Ratio Lower Upper
43 100
72 32.5 24.8 37.2



#26
2,2-Dichloropropane
Concen: 44.235 ug/l
RT: 6.77 min Scan# 1554
Delta R.T. -0.01 min
Lab File: VN062128.D
Acq: 26 Jun 2020 9:51

Tgt Ion: 77 Resp: 226148
Ion Ratio Lower Upper
77 100
97 23.1 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 43.606 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.00 min

Lab File: VN062128.D

Acq: 26 Jun 2020 9:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

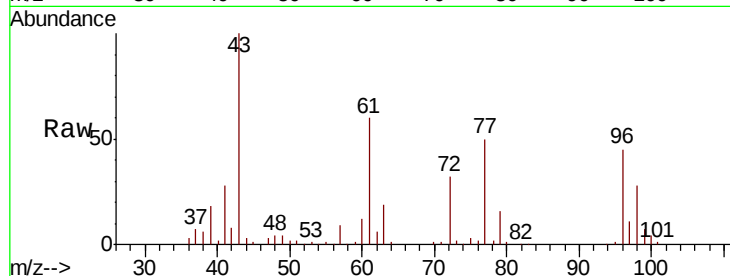
Tot Ion: 96 Resp: 171792

Ion Ratio Lower Upper

96 100

61 134.3 0.0 280.4

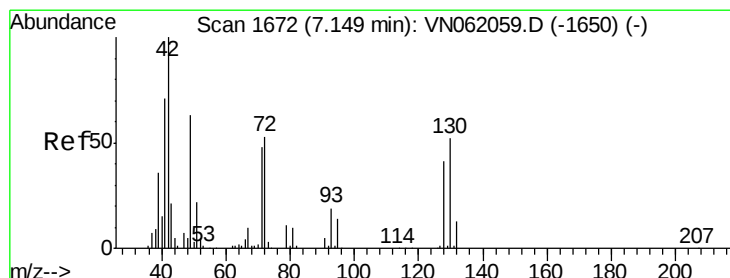
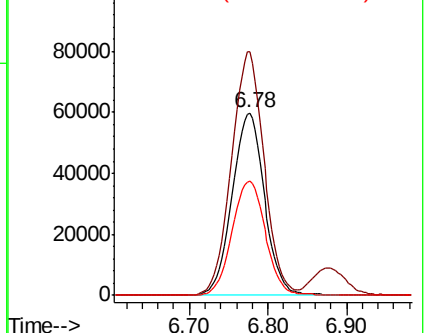
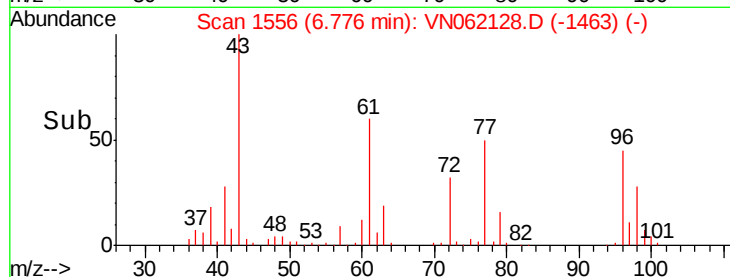
98 64.6 0.0 129.4



Abundance Ion 95.90 (95.60 to 96.60): VN062128.D (-1463) (-)

Ion 60.90 (60.60 to 61.60): VN062128.D (-1463) (-)

Ion 97.90 (97.60 to 98.60): VN062128.D (-1463) (-)



#28

Bromochloromethane

Concen: 41.520 ug/l

RT: 7.15 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VN062128.D

Acq: 26 Jun 2020 9:51

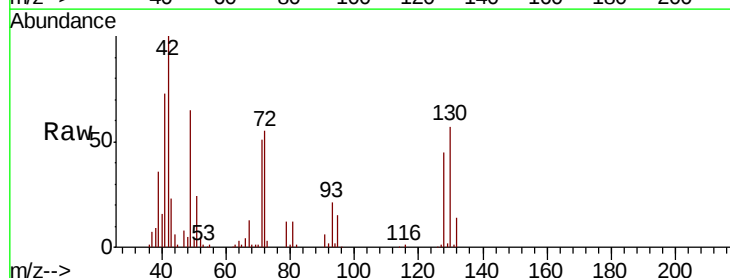
Tgt Ion: 49 Resp: 110521

Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.4

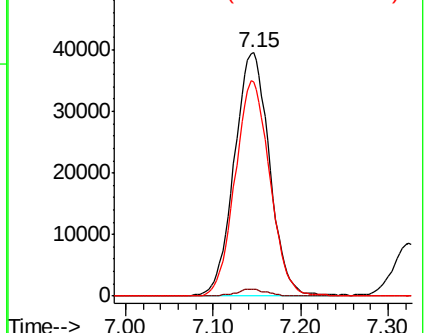
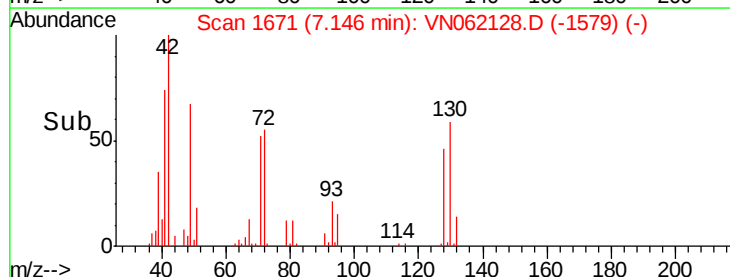
130 87.1 65.5 98.3

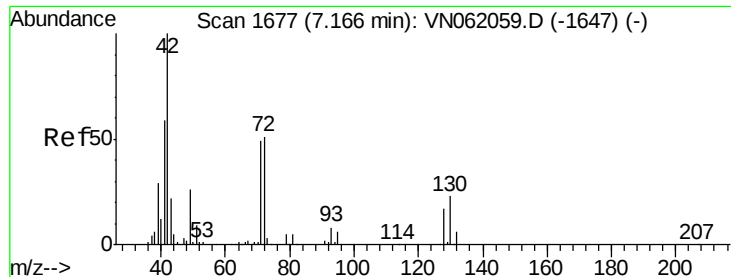


Abundance Ion 48.90 (48.60 to 49.60): VN062128.D (-1579) (-)

Ion 128.80 (128.50 to 129.50): VN062128.D (-1579) (-)

Ion 129.80 (129.50 to 130.50): VN062128.D (-1579) (-)

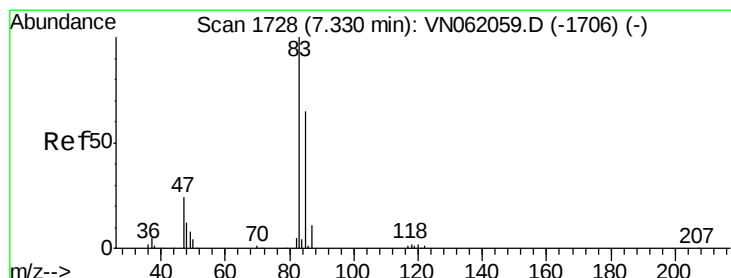
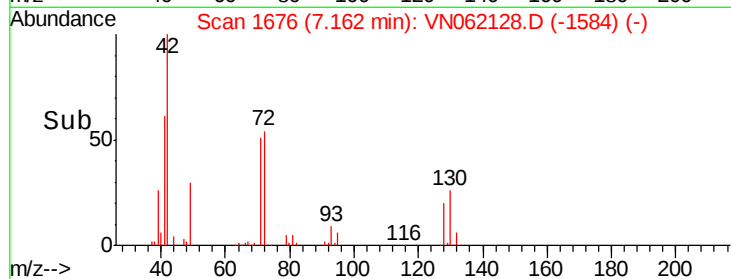
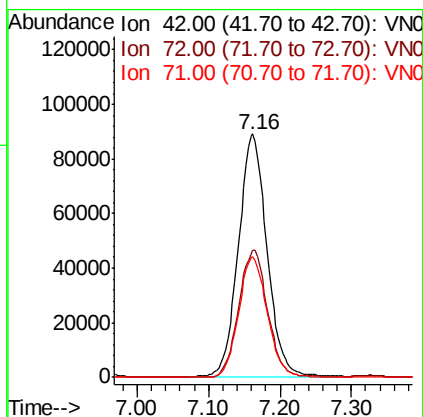
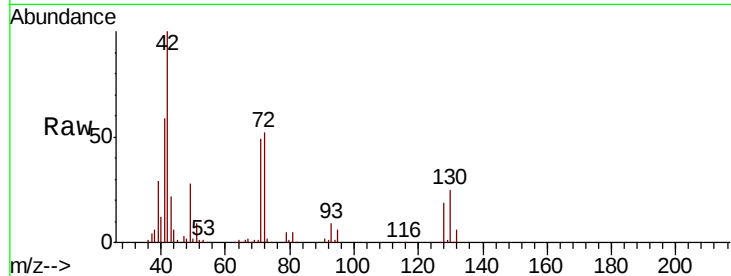




#29
Tetrahydrofuran
Concen: 208.418 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. -0.00 min
Lab File: VN062128.D
Acq: 26 Jun 2020 9:51

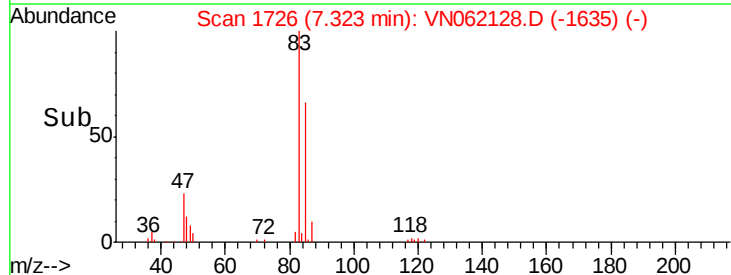
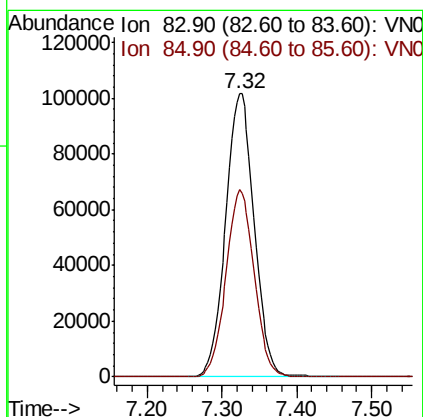
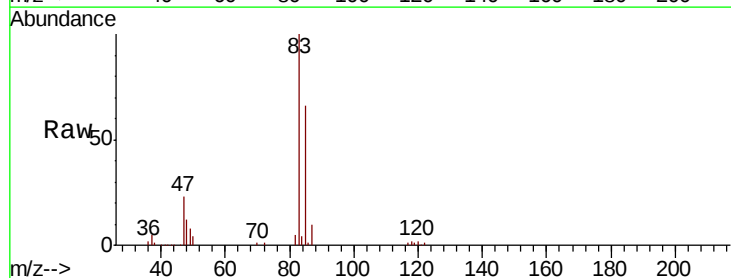
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

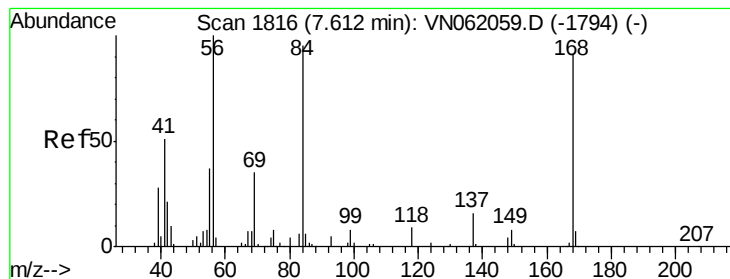
Tot Ion: 42 Resp: 250648
Ion Ratio Lower Upper
42 100
72 52.8 41.1 61.7
71 49.2 38.2 57.4



#30
Chloroform
Concen: 43.131 ug/l
RT: 7.32 min Scan# 1726
Delta R.T. -0.01 min
Lab File: VN062128.D
Acq: 26 Jun 2020 9:51

Tgt Ion: 83 Resp: 269222
Ion Ratio Lower Upper
83 100
85 66.0 52.3 78.5





#31

Cyclohexane

Concen: 41.514 ug/l

RT: 7.61 min Scan# 1815

Delta R.T. -0.00 min

Lab File: VN062128.D

Acq: 26 Jun 2020 9:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

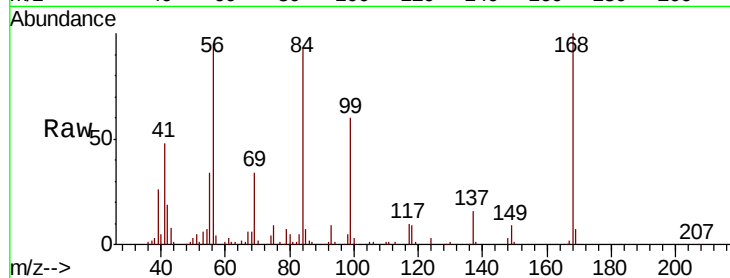
Tot Ion: 56 Resp: 215431

Ion Ratio Lower Upper

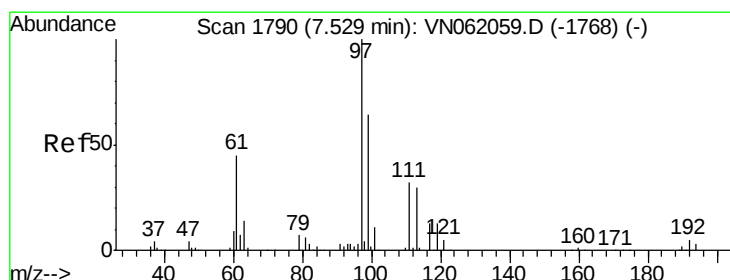
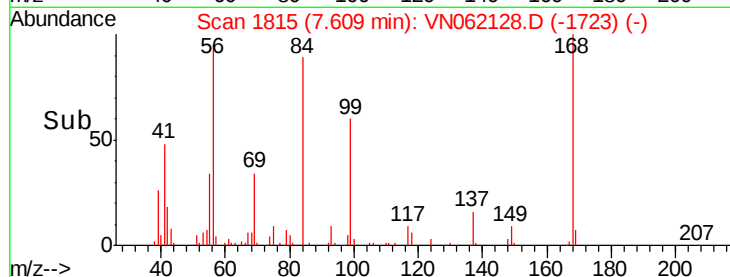
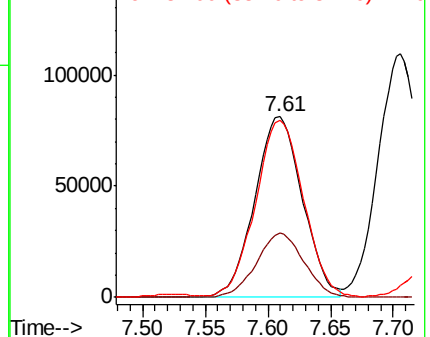
56 100

69 35.5 28.0 42.0

84 96.7 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: 44.306 ug/l

RT: 7.53 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VN062128.D

Acq: 26 Jun 2020 9:51

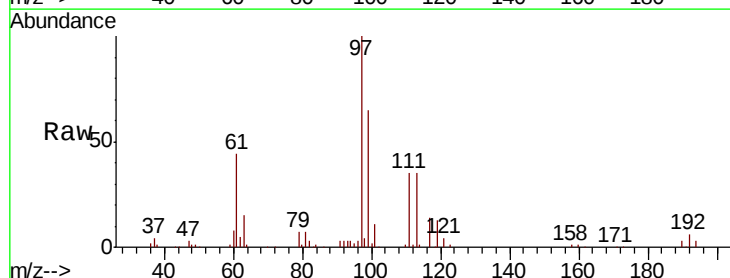
Tgt Ion: 97 Resp: 233224

Ion Ratio Lower Upper

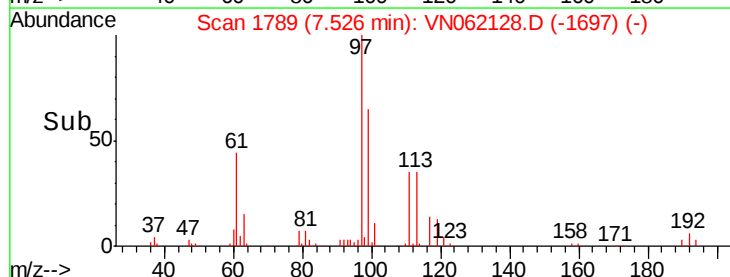
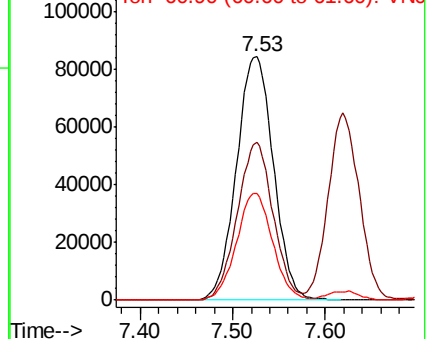
97 100

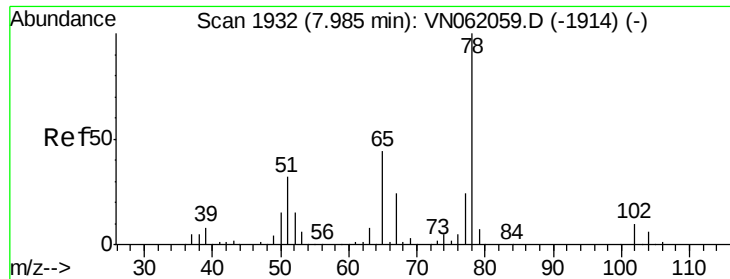
99 62.7 51.0 76.4

61 42.9 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

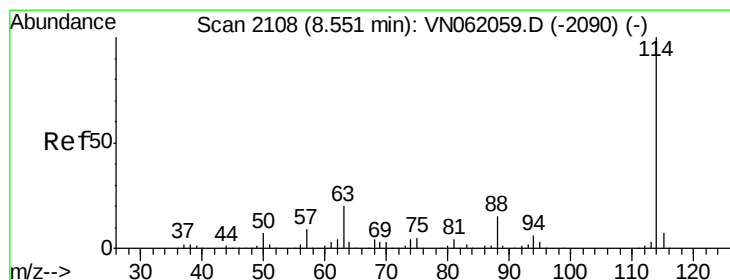
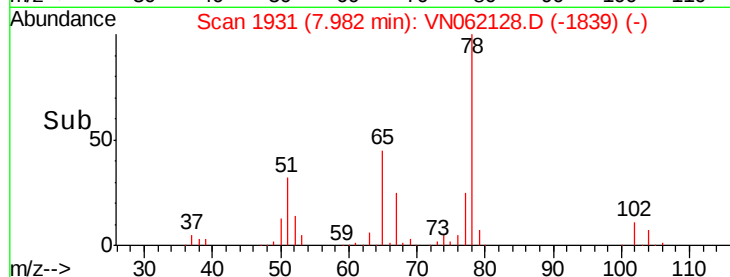
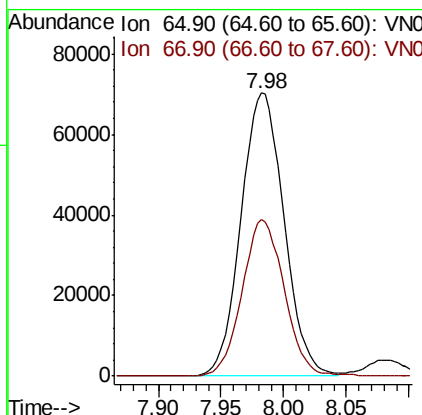
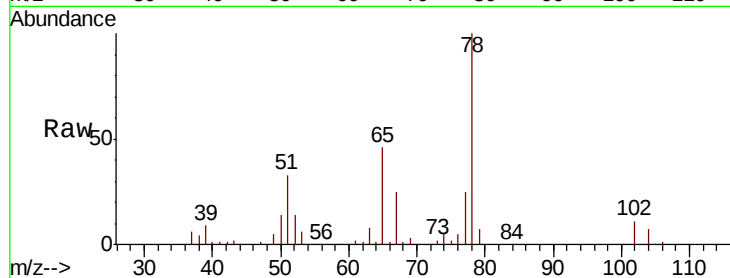




#33
 1,2-Dichloroethane-d4
 Concen: 44.702 ug/l
 RT: 7.98 min Scan# 1931
 Delta R.T. -0.00 min
 Lab File: VN062128.D
 Acq: 26 Jun 2020 9:51

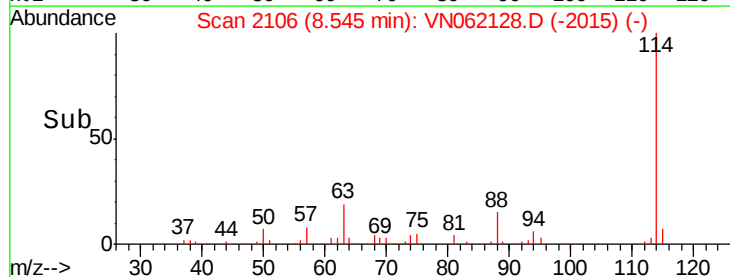
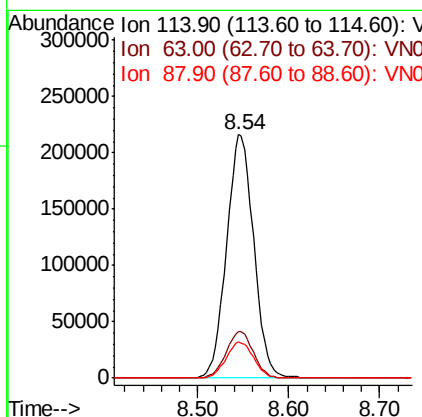
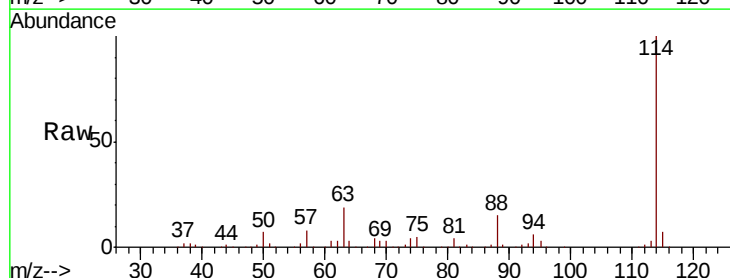
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

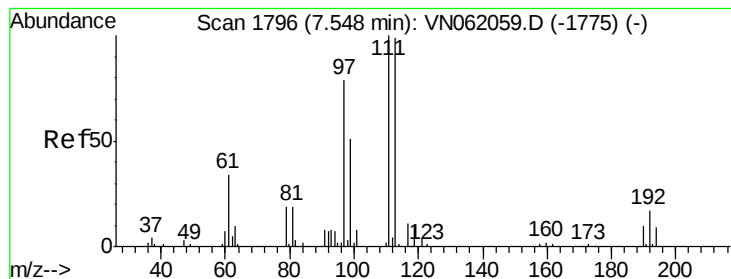
Tot Ion: 65 Resp: 167906
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.54 min Scan# 2106
 Delta R.T. -0.01 min
 Lab File: VN062128.D
 Acq: 26 Jun 2020 9:51

Tgt Ion: 114 Resp: 448102
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 39.2
 88 14.7 0.0 30.8





#35

Dibromofluoromethane

Concen: 49.387 ug/l

RT: 7.54 min Scan# 1794

Delta R.T. -0.01 min

Lab File: VN062128.D

Acq: 26 Jun 2020 9:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

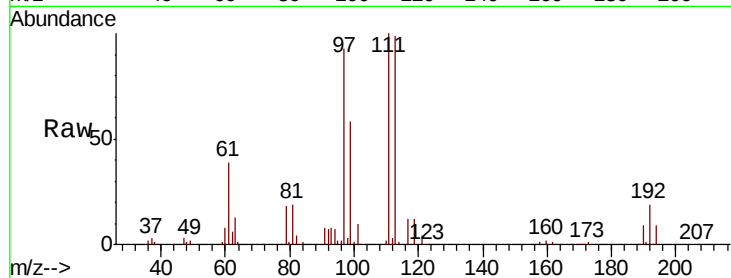
Tot Ion:113 Resp: 141976

Ion Ratio Lower Upper

113 100

111 101.6 82.2 123.4

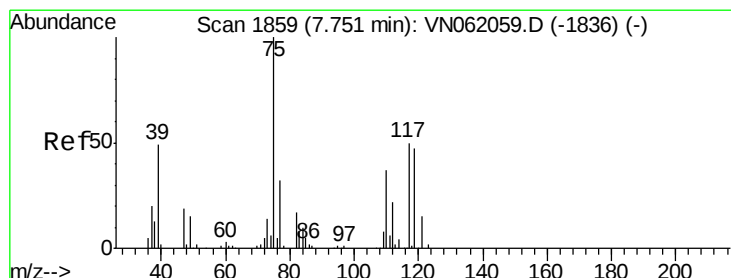
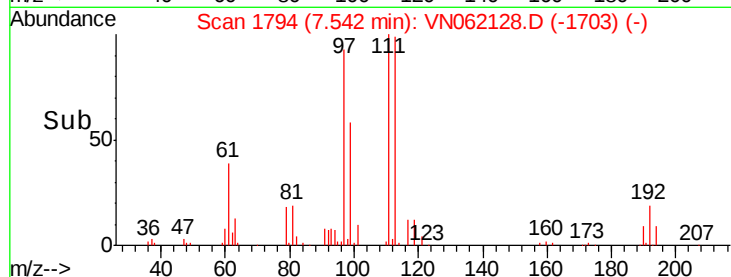
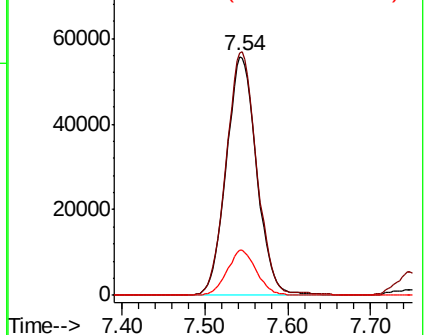
192 18.3 14.0 21.0



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: 44.230 ug/l

RT: 7.75 min Scan# 1858

Delta R.T. -0.00 min

Lab File: VN062128.D

Acq: 26 Jun 2020 9:51

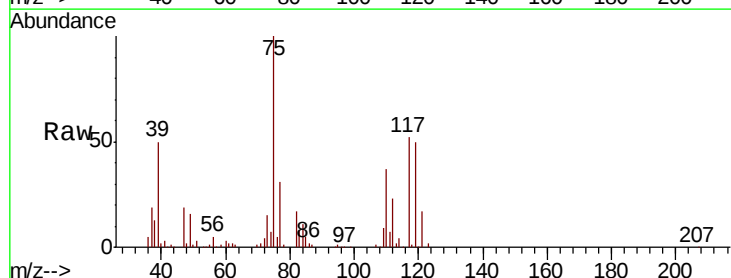
Tgt Ion: 75 Resp: 199215

Ion Ratio Lower Upper

75 100

110 36.7 17.9 53.8

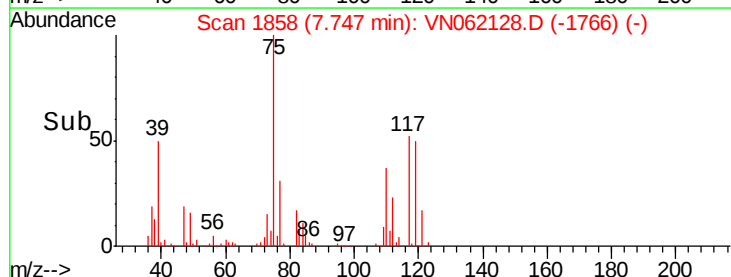
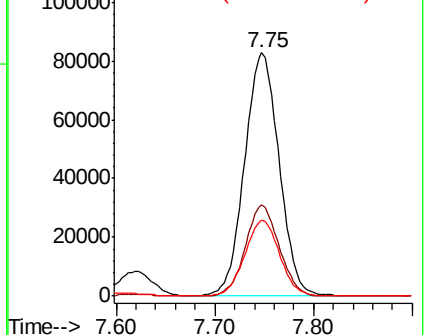
77 31.8 24.9 37.3

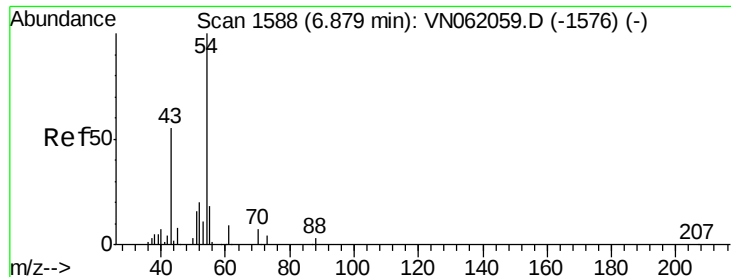


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

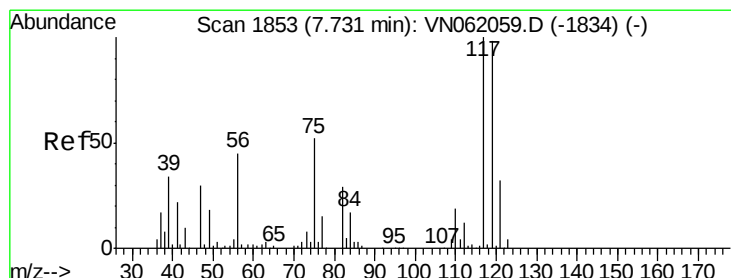
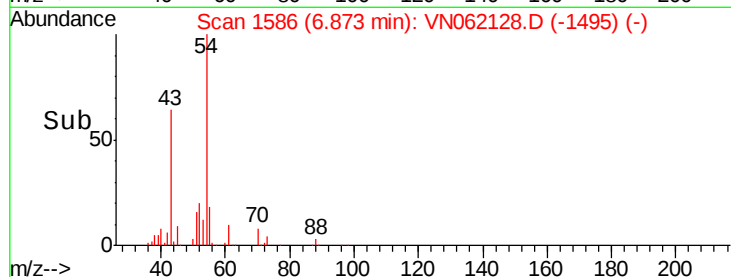
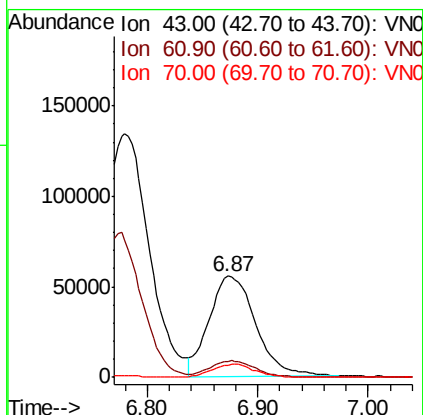
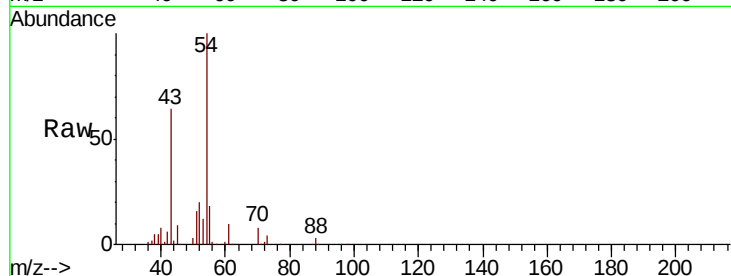




#37
Ethyl Acetate
Concen: 43.356 ug/l
RT: 6.87 min Scan# 1586
Delta R.T. -0.01 min
Lab File: VN062128.D
Acq: 26 Jun 2020 9:51

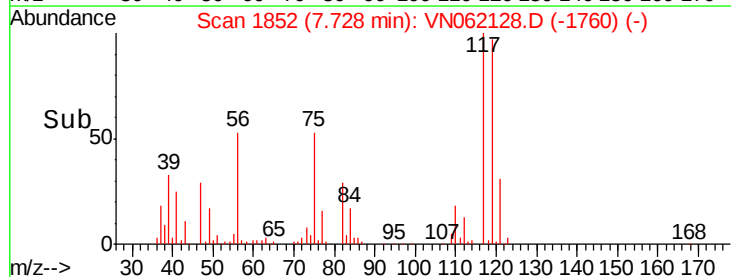
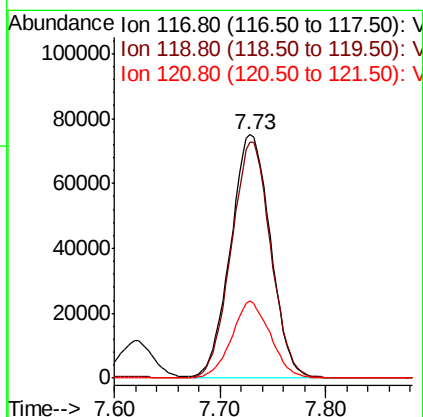
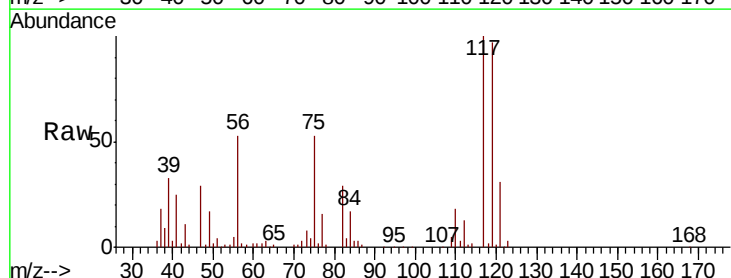
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

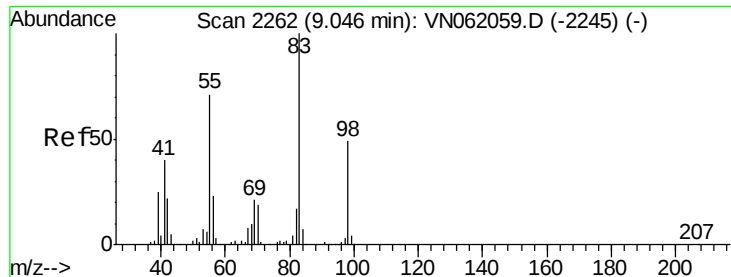
Tot Ion: 43 Resp: 161702
Ion Ratio Lower Upper
43 100
61 15.7 12.0 18.0
70 12.2 9.6 14.4



#38
Carbon Tetrachloride
Concen: 46.107 ug/l
RT: 7.73 min Scan# 1852
Delta R.T. -0.00 min
Lab File: VN062128.D
Acq: 26 Jun 2020 9:51

Tgt Ion: 117 Resp: 195787
Ion Ratio Lower Upper
117 100
119 97.1 78.2 117.2
121 31.6 25.8 38.6

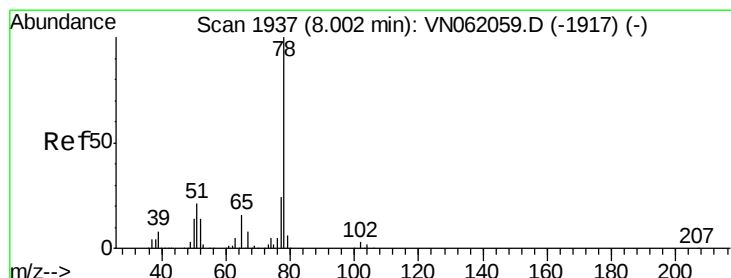
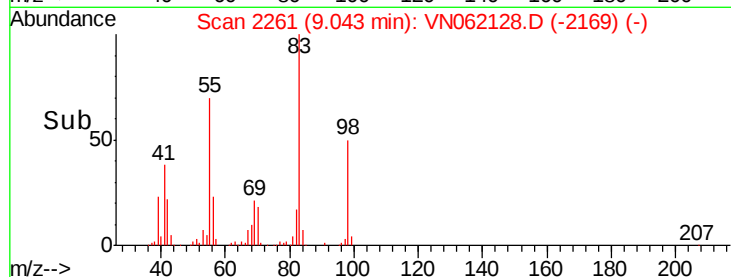
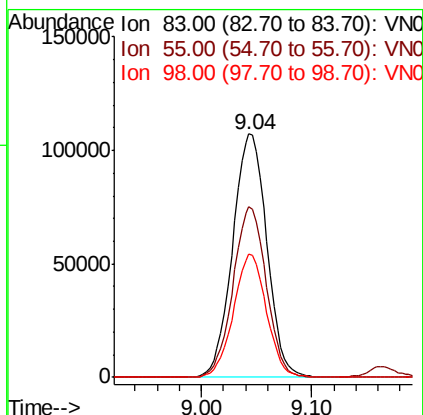
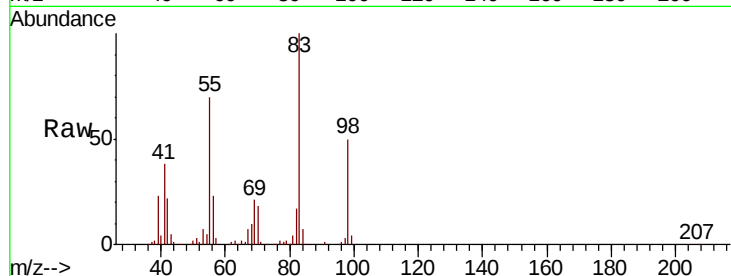




#39
Methvlcvclohexane
Concen: 46.630 ug/l
RT: 9.04 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VN062128.D
Acq: 26 Jun 2020 9:51

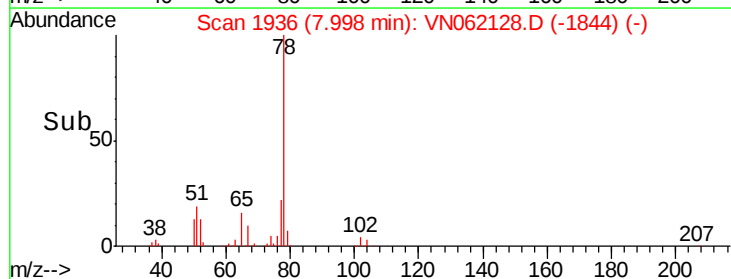
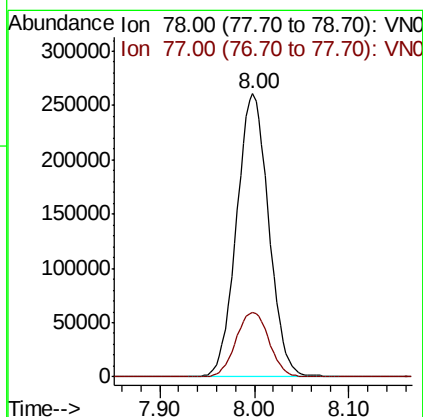
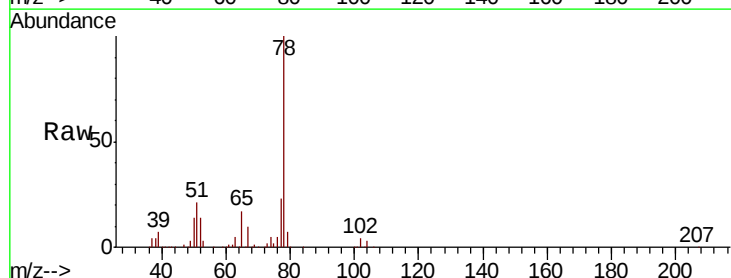
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

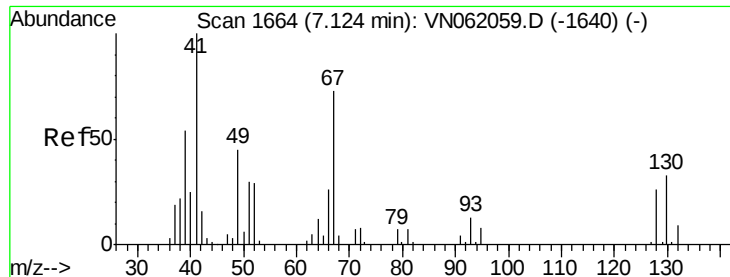
Tot Ion	83	Resp	230120
Ion Ratio	Lower	Upper	
83	100		
55	70.3	57.0	85.6
98	50.4	39.0	58.6



#40
Benzene
Concen: 44.883 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VN062128.D
Acq: 26 Jun 2020 9:51

Tgt Ion	78	Resp	616170
Ion Ratio	Lower	Upper	
78	100		
77	22.7	19.5	29.3

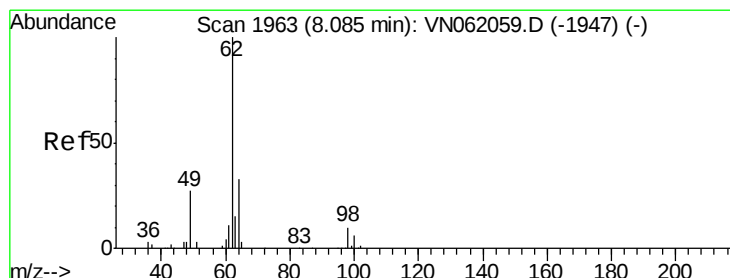
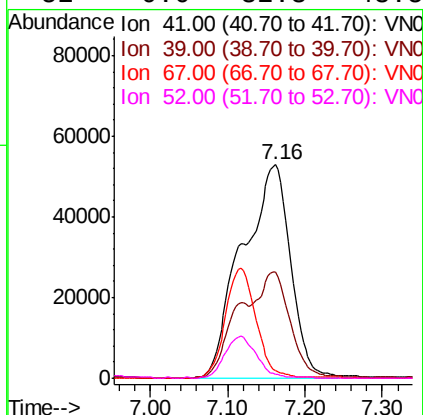
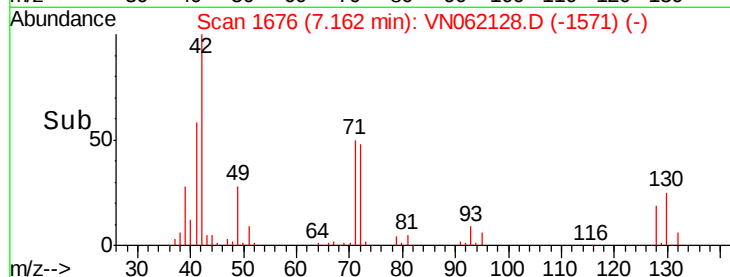
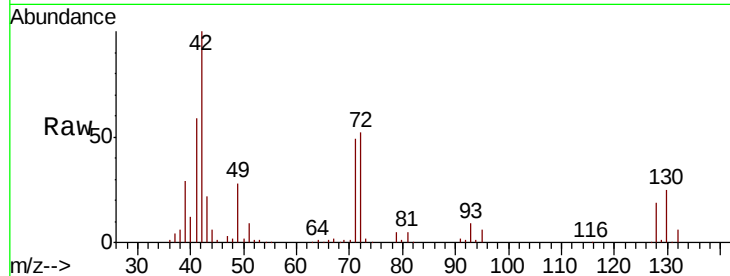




#41
Methacrylonitrile
Concen: 133.233 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. 0.04 min
Lab File: VN062128.D
Acq: 26 Jun 2020 9:51

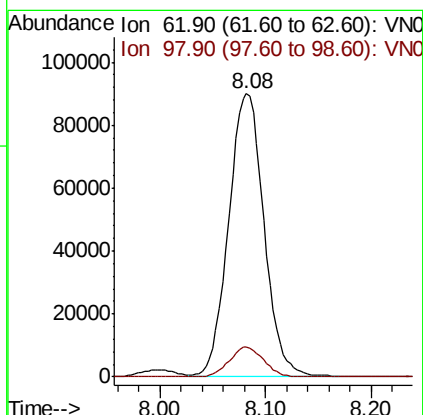
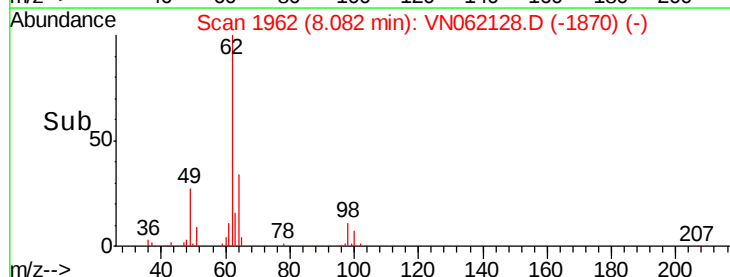
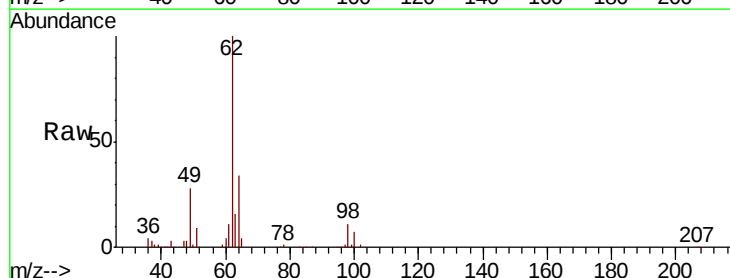
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

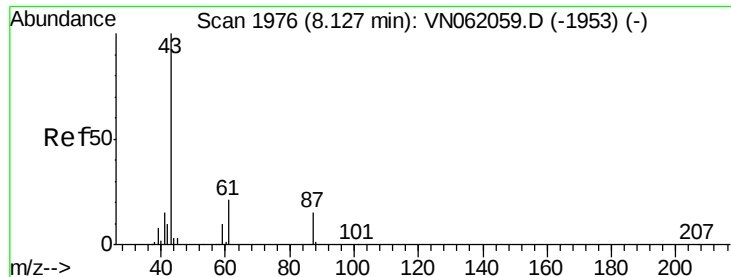
Tot Ion: 41 Resp: 230370
Ion Ratio Lower Upper
41 100
39 0.0 44.2 66.2#
67 0.0 79.5 119.3#
52 0.0 32.3 48.5#



#42
1,2-Dichloroethane
Concen: 44.931 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN062128.D
Acq: 26 Jun 2020 9:51

Tgt Ion: 62 Resp: 208401
Ion Ratio Lower Upper
62 100
98 10.2 0.0 19.8





#43

Isopropyl Acetate

Concen: 45.976 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN062128.D

Acq: 26 Jun 2020 9:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

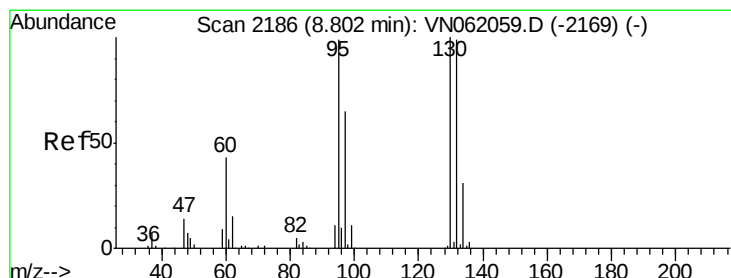
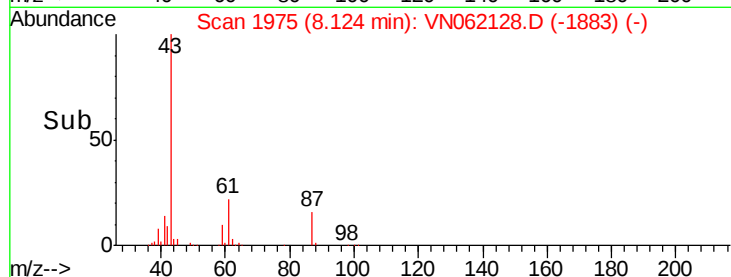
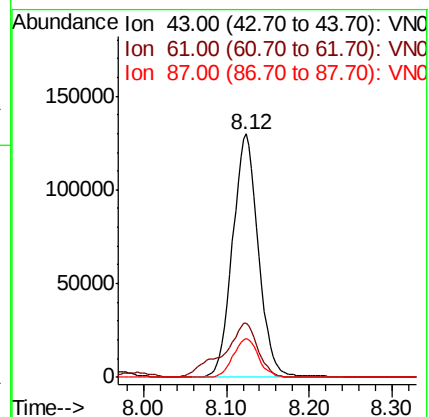
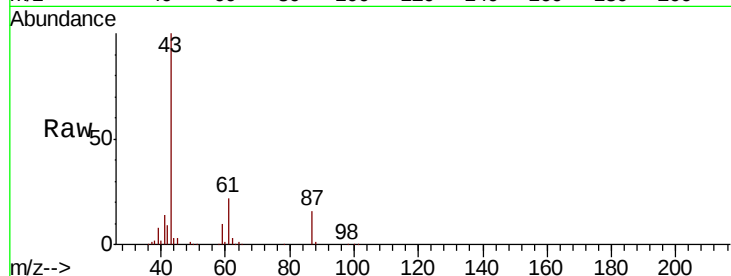
Tot Ion: 43 Resp: 279532

Ion Ratio Lower Upper

43 100

61 29.7 17.2 25.8#

87 15.8 12.1 18.1



#44

Trichloroethene

Concen: 45.595 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN062128.D

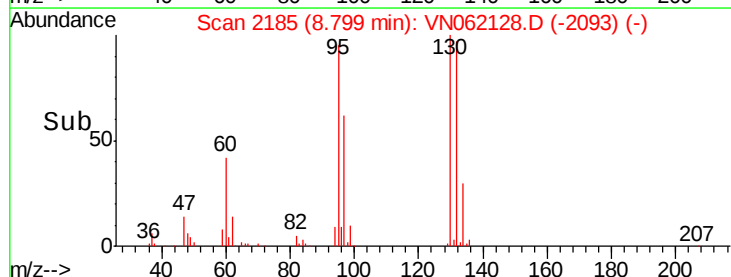
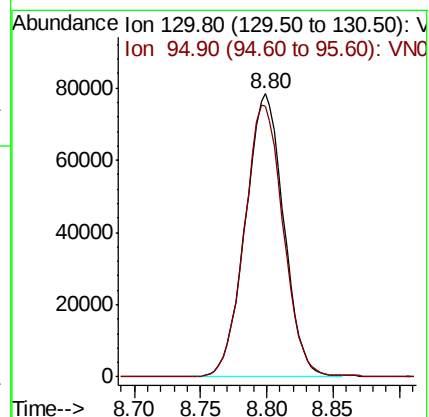
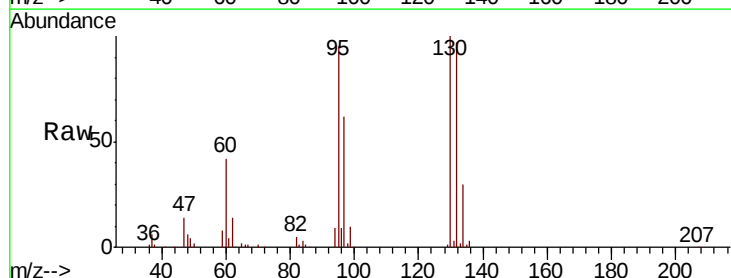
Acq: 26 Jun 2020 9:51

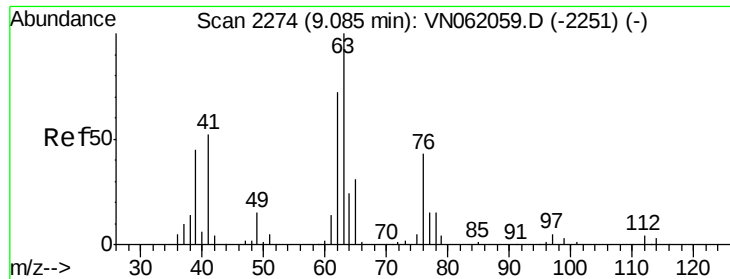
Tgt Ion: 130 Resp: 157896

Ion Ratio Lower Upper

130 100

95 95.4 0.0 197.8





#45

1,2-Dichloropropane

Concen: 45.286 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. -0.00 min

Lab File: VN062128.D

Acq: 26 Jun 2020 9:51

Instrument :

MSVOA_N

ClientSampleId :

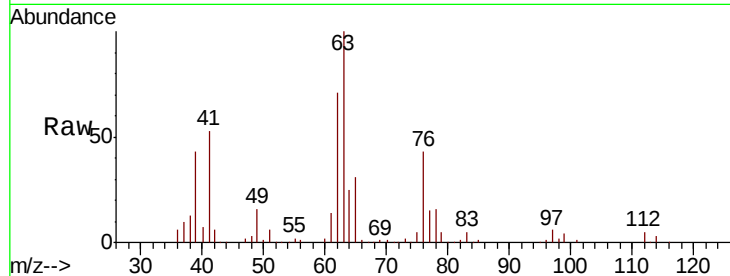
VSTDCCC050

Tot Ion: 63 Resp: 153378

Ion Ratio Lower Upper

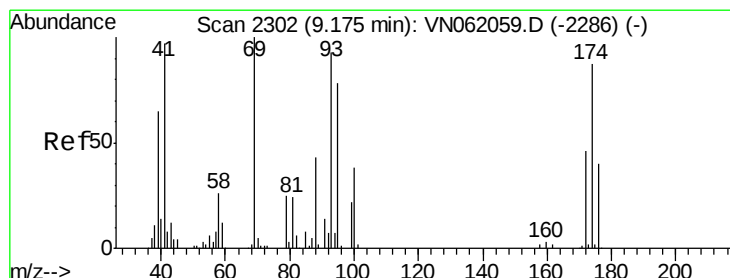
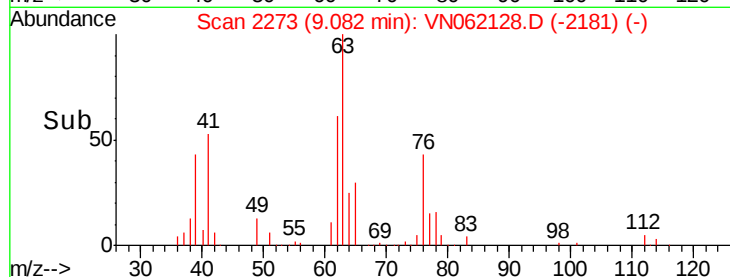
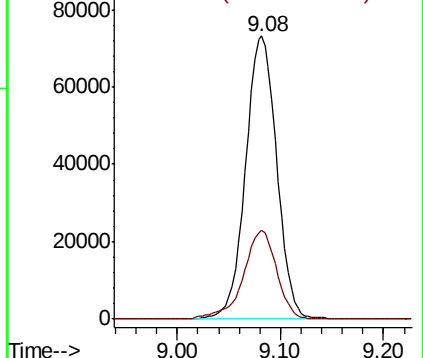
63 100

65 31.4 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 47.052 ug/l

RT: 9.17 min Scan# 2301

Delta R.T. -0.00 min

Lab File: VN062128.D

Acq: 26 Jun 2020 9:51

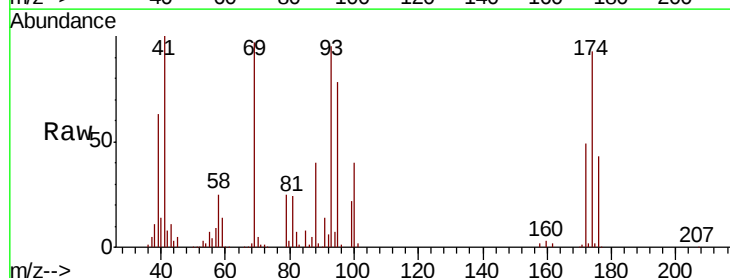
Tgt Ion: 93 Resp: 108045

Ion Ratio Lower Upper

93 100

95 81.8 67.0 100.6

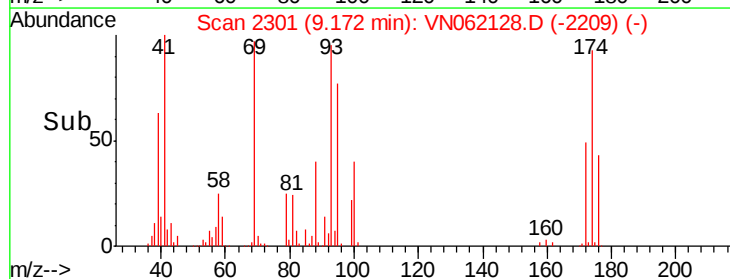
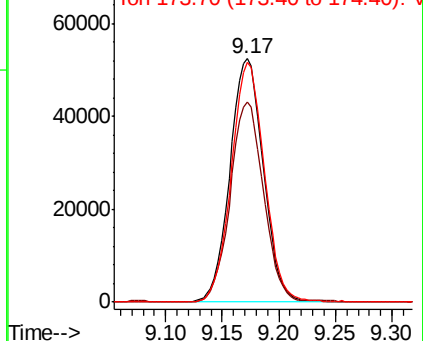
174 97.4 74.4 111.6

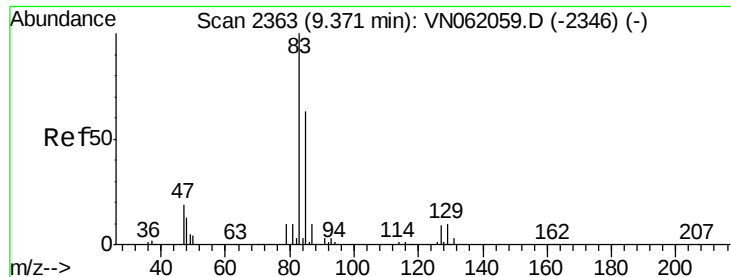


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 46.590 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN062128.D

Acq: 26 Jun 2020 9:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

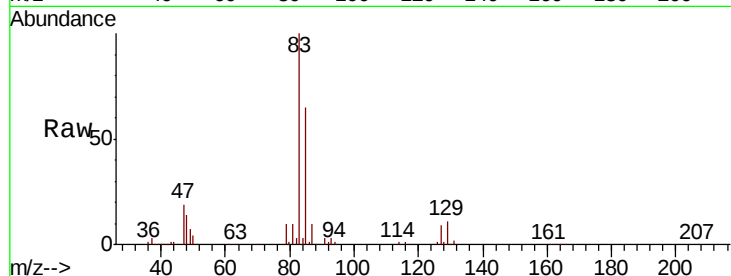
Tot Ion: 83 Resp: 216018

Ion Ratio Lower Upper

83 100

85 65.2 50.3 75.5

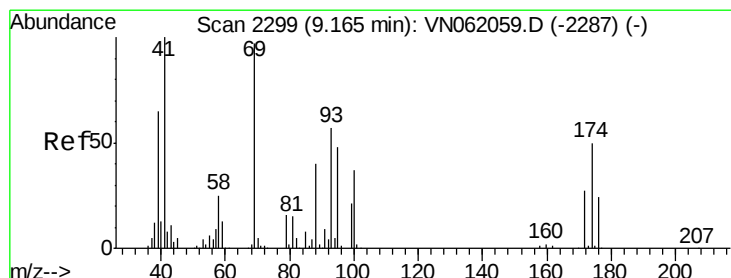
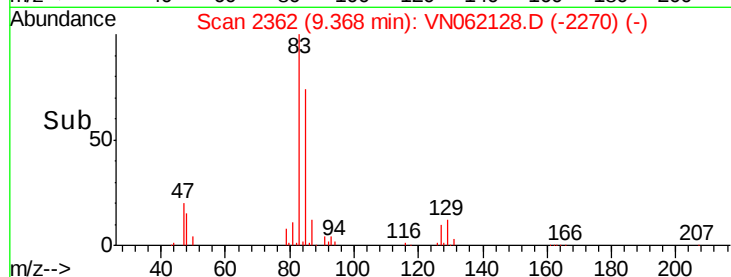
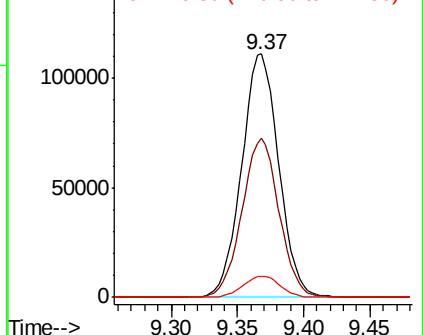
127 8.6 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN062128.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN062128.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN062128.D (-2270) (-)



#48

Methyl methacrylate

Concen: 45.881 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN062128.D

Acq: 26 Jun 2020 9:51

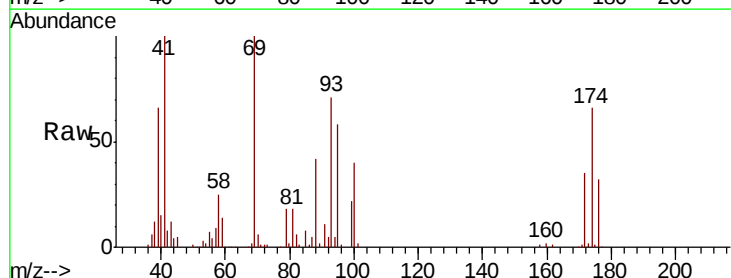
Tgt Ion: 41 Resp: 125076

Ion Ratio Lower Upper

41 100

69 103.7 80.7 121.1

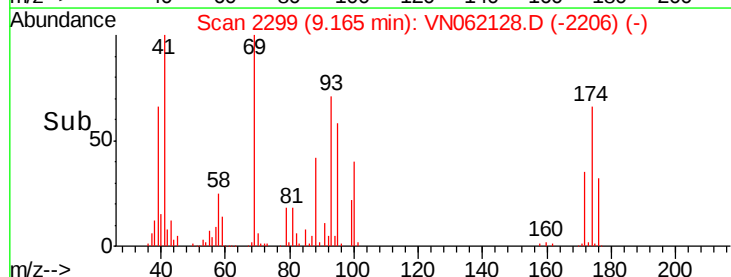
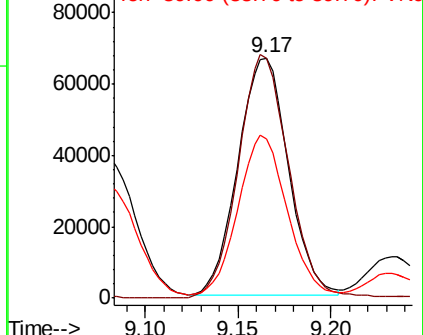
39 65.2 54.5 81.7

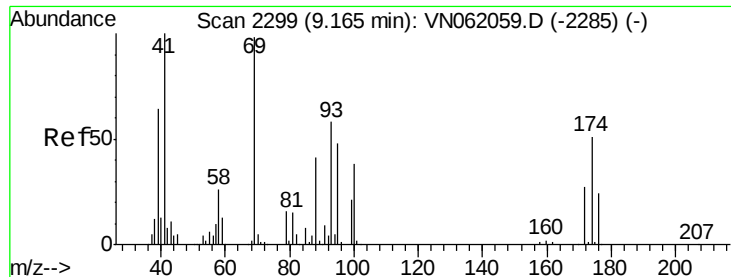


Abundance Ion 41.00 (40.70 to 41.70): VN062128.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN062128.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN062128.D (-2206) (-)

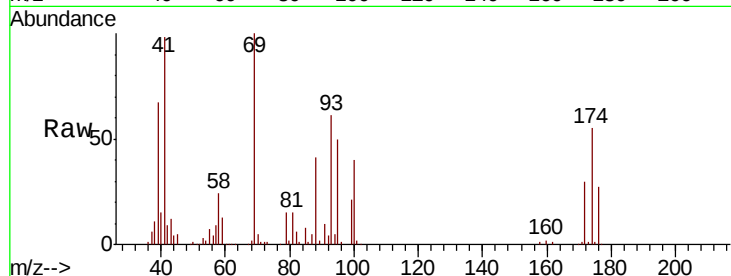




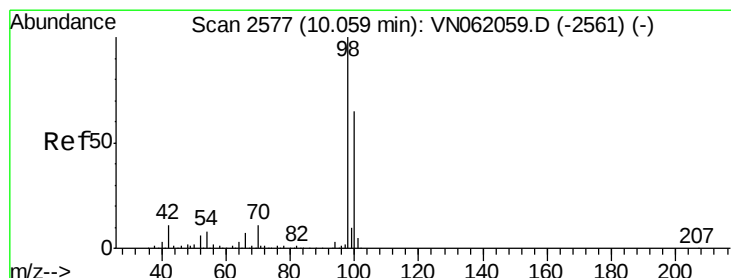
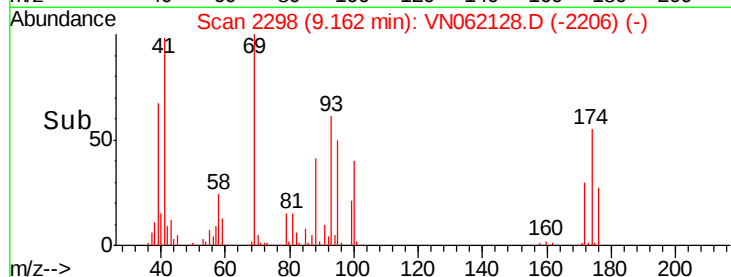
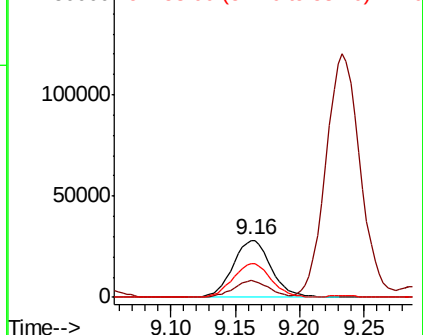
#49
1,4-Dioxane
Concen: 958.368 ug/l
RT: 9.16 min Scan# 2298
Delta R.T. -0.00 min
Lab File: VN062128.D
Acq: 26 Jun 2020 9:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 88 Resp: 57937
Ion Ratio Lower Upper
88 100
43 27.3 22.0 33.0
58 58.8 49.2 73.8

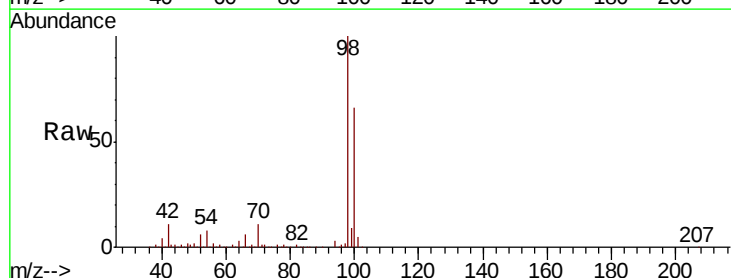


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

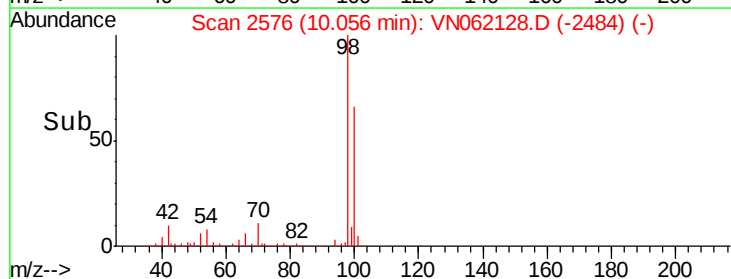
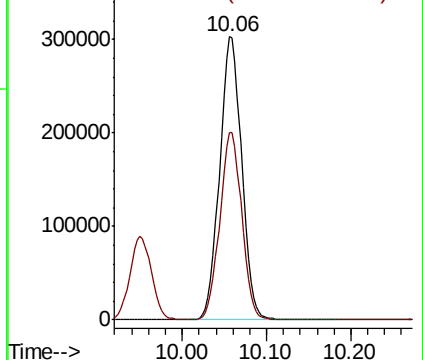


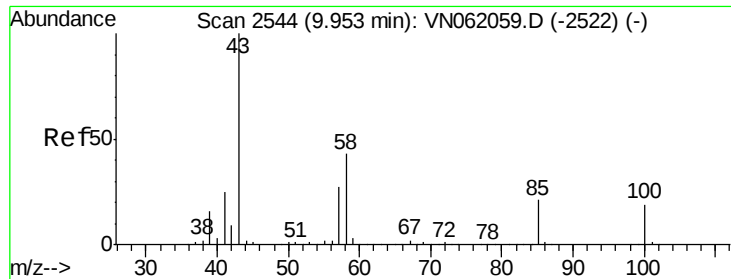
#50
Toluene-d8
Concen: 47.863 ug/l
RT: 10.06 min Scan# 2576
Delta R.T. -0.00 min
Lab File: VN062128.D
Acq: 26 Jun 2020 9:51

Tgt Ion: 98 Resp: 550017
Ion Ratio Lower Upper
98 100
100 66.0 51.2 76.8



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





#51

4-Methyl-2-Pentanone

Concen: 231.150 ug/l

RT: 9.95 min Scan# 2543

Delta R.T. -0.00 min

Lab File: VN062128.D

Acq: 26 Jun 2020 9:51

Instrument :

MSVOA_N

ClientSampleId :

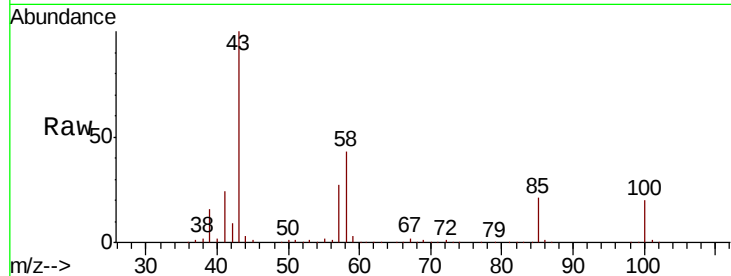
VSTDCCC050

Tot Ion: 43 Resp: 821098

Ion Ratio Lower Upper

43 100

58 43.0 34.2 51.2



Abundance Ion 43.00 (42.70 to 43.70): VN062059.D (-2522) (-)

Ion 58.00 (57.70 to 58.70): VN062059.D (-2522) (-)

9.95

400000

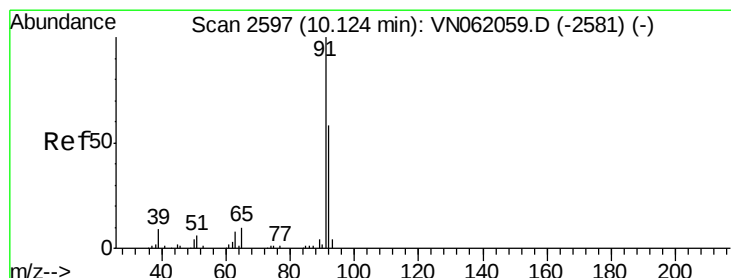
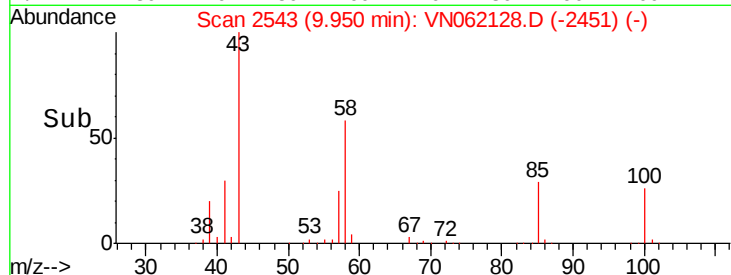
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 47.353 ug/l

RT: 10.12 min Scan# 2596

Delta R.T. -0.00 min

Lab File: VN062128.D

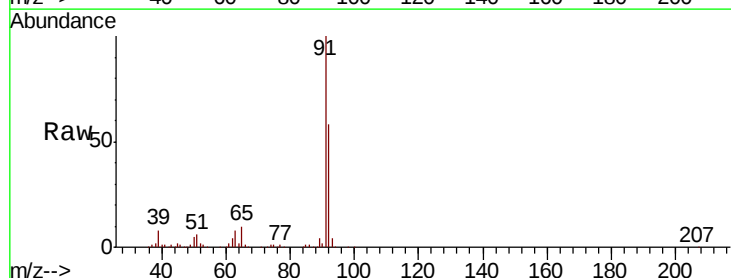
Acq: 26 Jun 2020 9:51

Tgt Ion: 92 Resp: 396643

Ion Ratio Lower Upper

92 100

91 172.0 137.4 206.0



Abundance Ion 92.00 (91.70 to 92.70): VN062059.D (-2581) (-)

Ion 91.00 (90.70 to 91.70): VN062059.D (-2581) (-)

10.12

400000

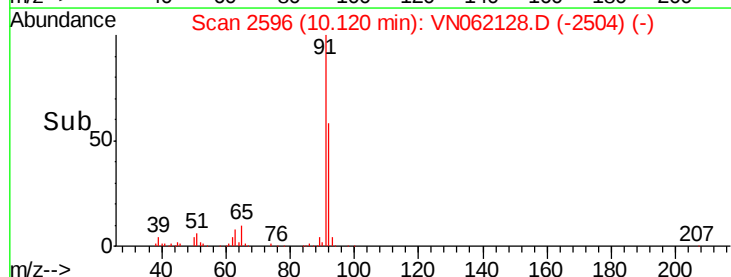
300000

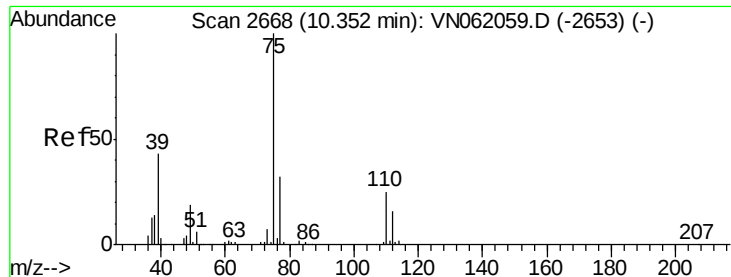
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 48.551 ug/l

RT: 10.35 min Scan# 2667

Delta R.T. -0.00 min

Lab File: VN062128.D

Acq: 26 Jun 2020 9:51

Instrument :

MSVOA_N

ClientSampleId :

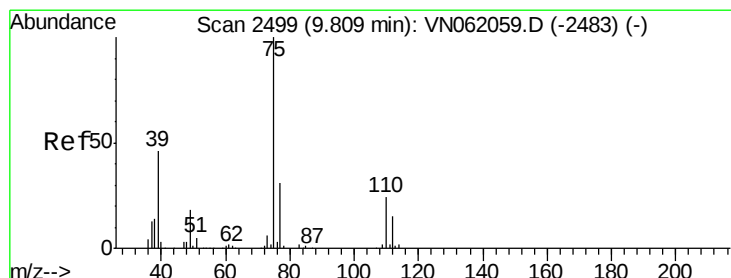
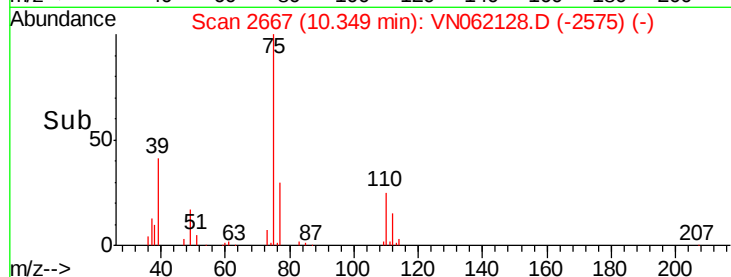
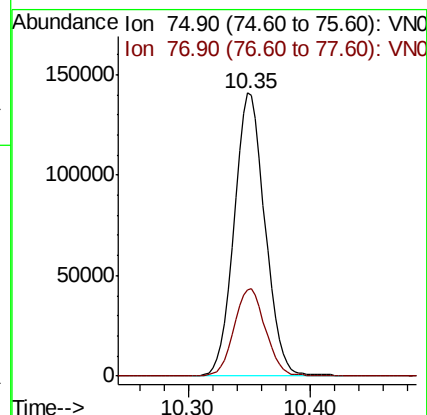
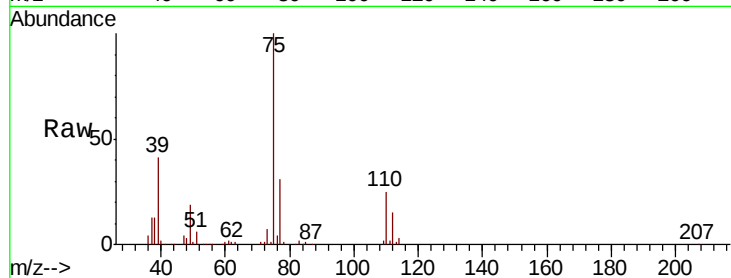
VSTDCCC050

Tot Ion: 75 Resp: 247661

Ion Ratio Lower Upper

75 100

77 30.6 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 49.635 ug/l

RT: 9.81 min Scan# 2498

Delta R.T. -0.00 min

Lab File: VN062128.D

Acq: 26 Jun 2020 9:51

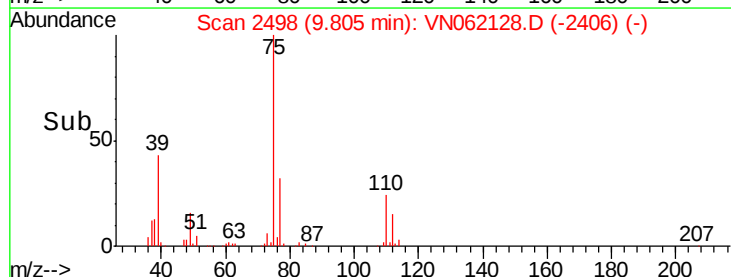
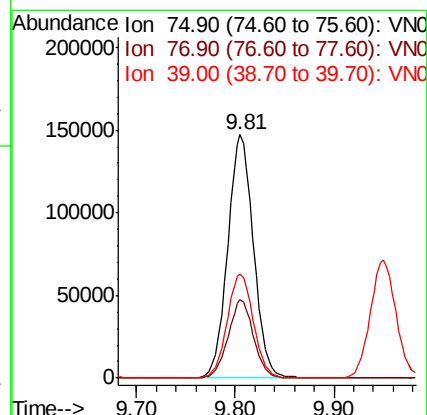
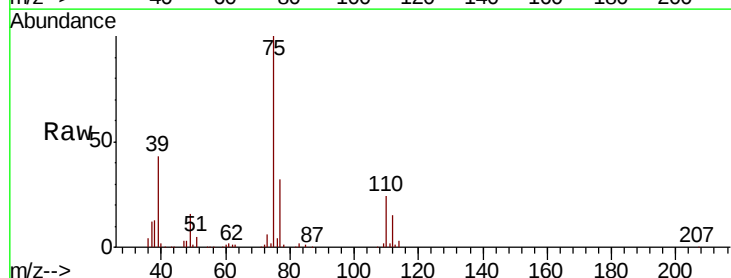
Tgt Ion: 75 Resp: 269557

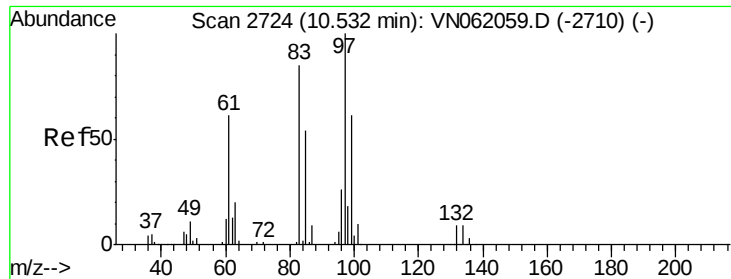
Ion Ratio Lower Upper

75 100

77 32.1 25.0 37.6

39 42.7 36.9 55.3

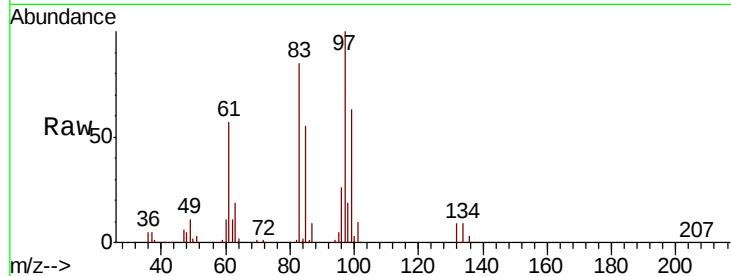




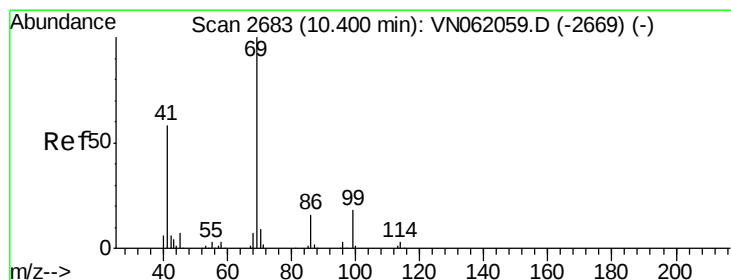
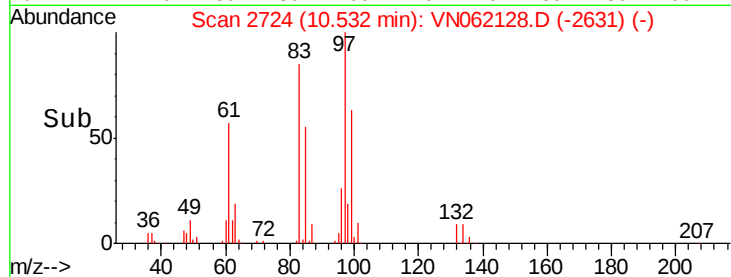
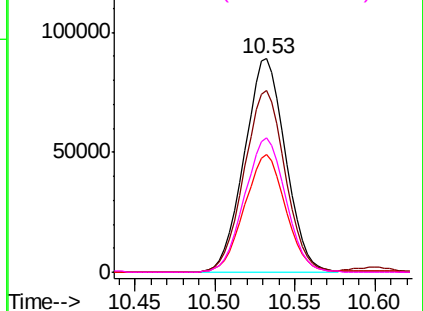
#55
 1,1,2-Trichloroethane
 Concen: 47.767 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062128.D
 Acq: 26 Jun 2020 9:51

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tot Ion: 97 Resp: 157281
 Ion Ratio Lower Upper
 97 100
 83 85.0 68.2 102.2
 85 55.4 43.2 64.8
 99 62.7 48.5 72.7

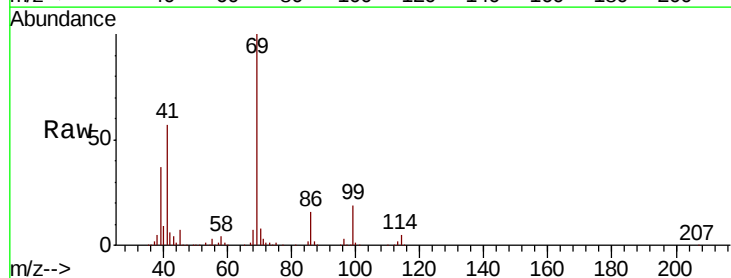


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

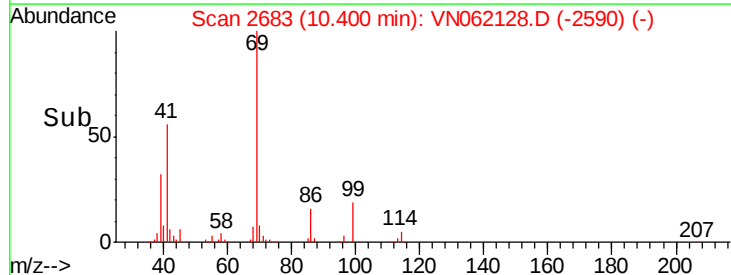
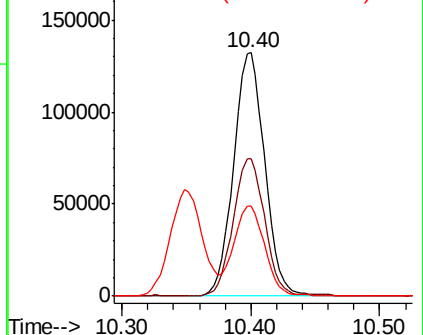


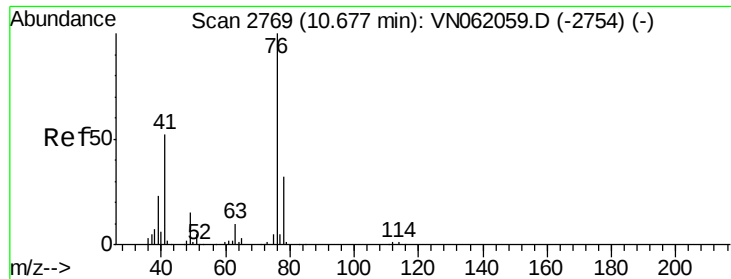
#56
 Ethyl methacrylate
 Concen: 50.675 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN062128.D
 Acq: 26 Jun 2020 9:51

Tgt Ion: 69 Resp: 222677
 Ion Ratio Lower Upper
 69 100
 41 56.7 46.6 70.0
 39 36.8 31.0 46.4



Abundance Ion 69.00 (68.70 to 69.70): VNO
 Ion 41.00 (40.70 to 41.70): VNO
 Ion 39.00 (38.70 to 39.70): VNO

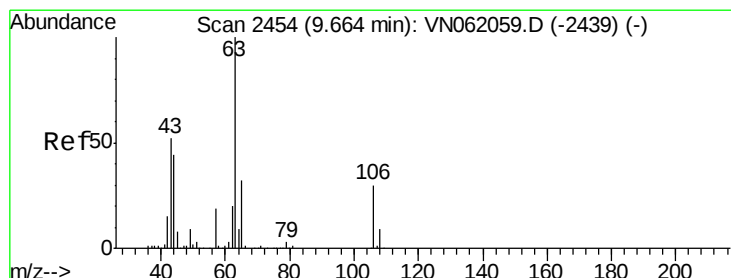
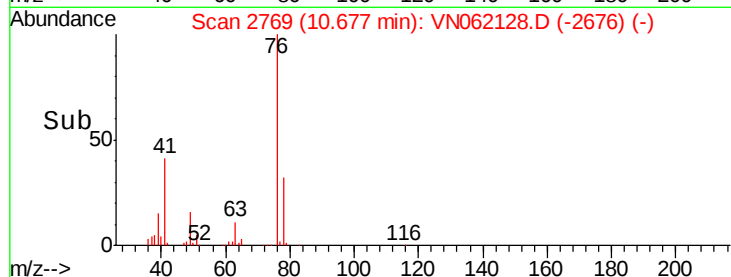
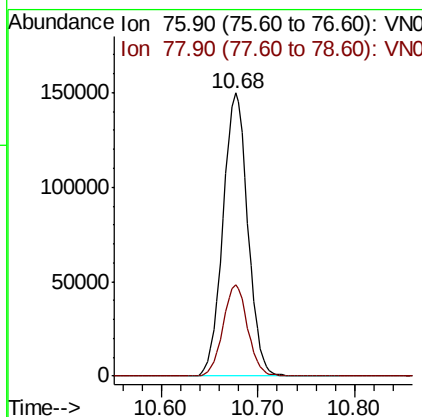
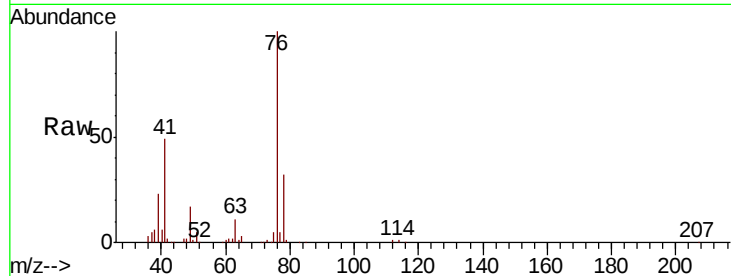




#57
 1,3-Dichloropropane
 Concen: 47.204 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN062128.D
 Acq: 26 Jun 2020 9:51

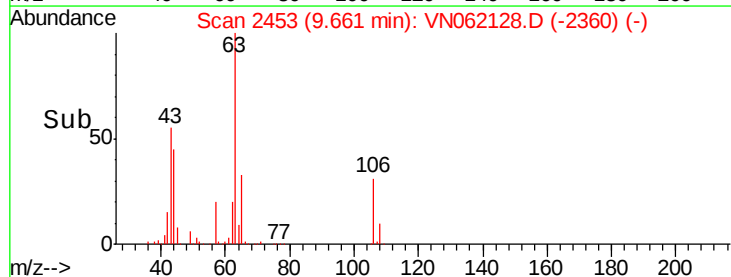
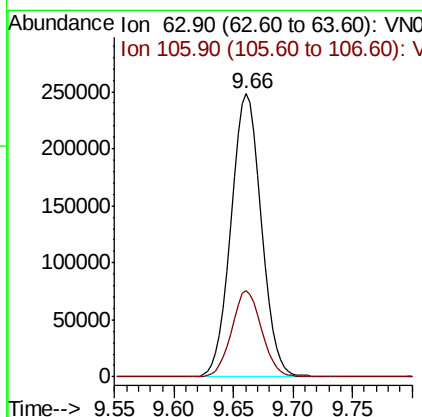
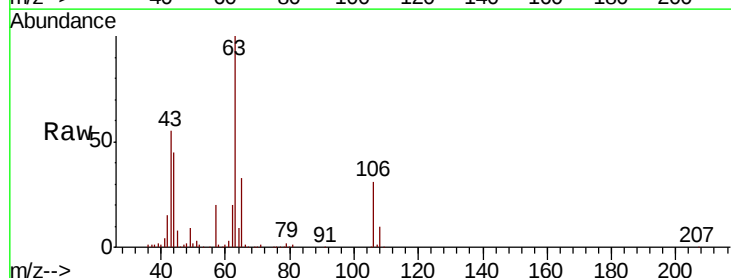
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

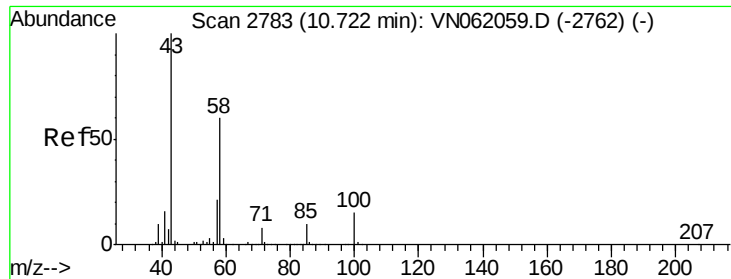
Tot Ion: 76 Resp: 267526
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 235.639 ug/l
 RT: 9.66 min Scan# 2453
 Delta R.T. -0.00 min
 Lab File: VN062128.D
 Acq: 26 Jun 2020 9:51

Tgt Ion: 63 Resp: 438996
 Ion Ratio Lower Upper
 63 100
 106 30.2 23.2 34.8

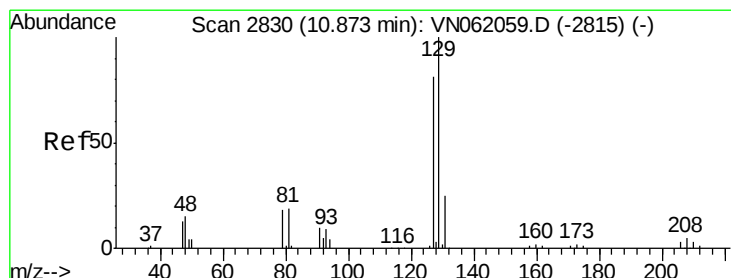
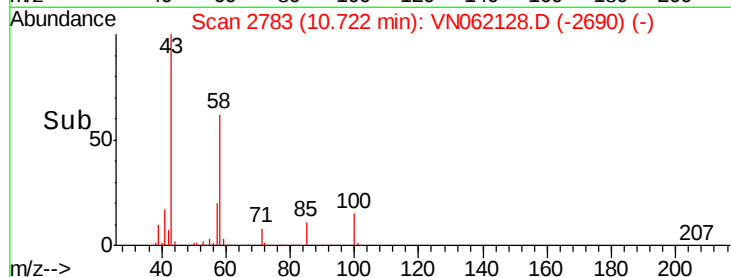
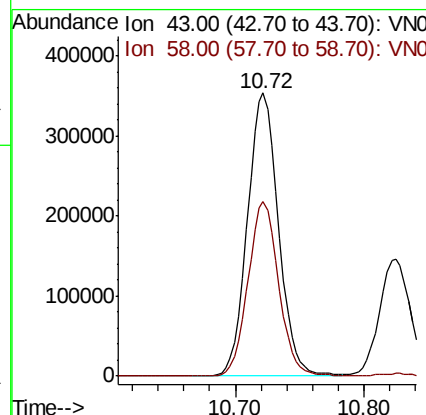
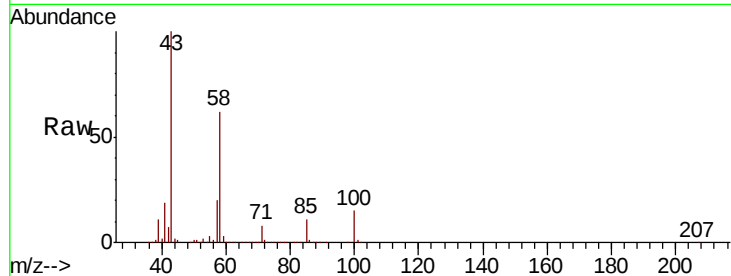




#59
2-Hexanone
Concen: 230.996 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN062128.D
Acq: 26 Jun 2020 9:51

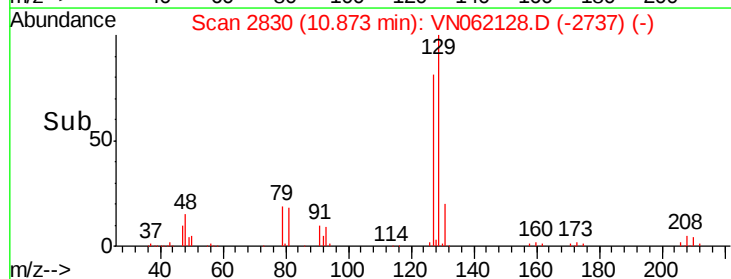
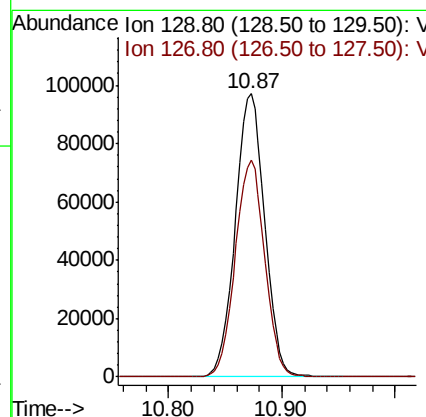
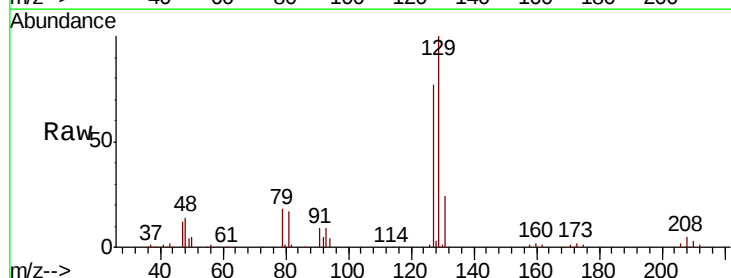
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

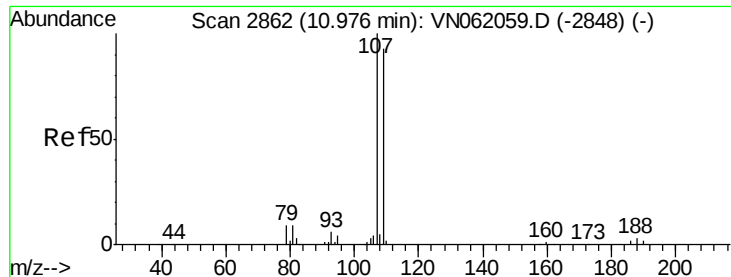
Tot Ion: 43 Resp: 592519
Ion Ratio Lower Upper
43 100
58 61.0 29.5 88.5



#60
Dibromochloromethane
Concen: 50.379 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062128.D
Acq: 26 Jun 2020 9:51

Tgt Ion: 129 Resp: 175621
Ion Ratio Lower Upper
129 100
127 76.8 39.5 118.5





#61

1,2-Dibromoethane

Concen: 48.213 ug/l

RT: 10.98 min Scan# 2862

Delta R.T. -0.00 min

Lab File: VN062128.D

Acq: 26 Jun 2020 9:51

Instrument :

MSVOA_N

ClientSampleId :

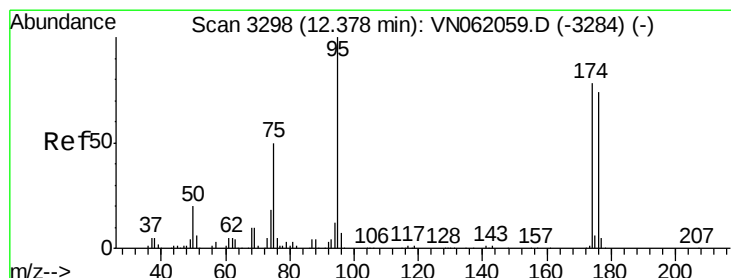
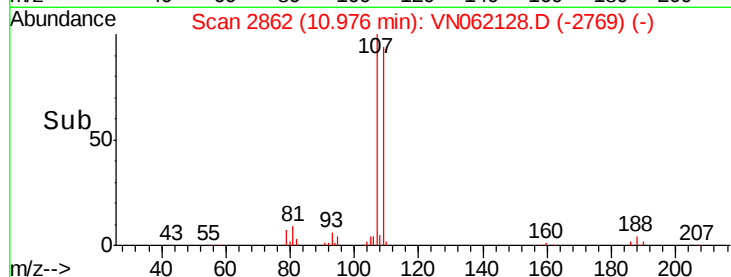
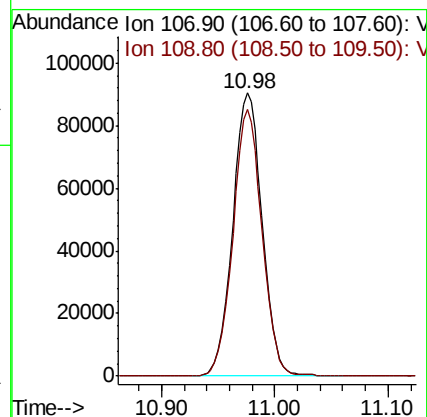
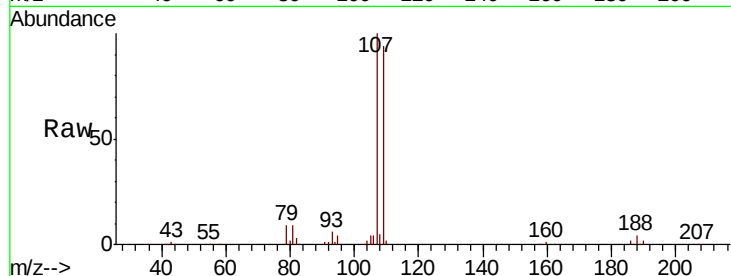
VSTDCCC050

Tot Ion:107 Resp: 163118

Ion Ratio Lower Upper

107 100

109 93.2 75.0 112.6



#62

4-Bromofluorobenzene

Concen: 48.762 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.00 min

Lab File: VN062128.D

Acq: 26 Jun 2020 9:51

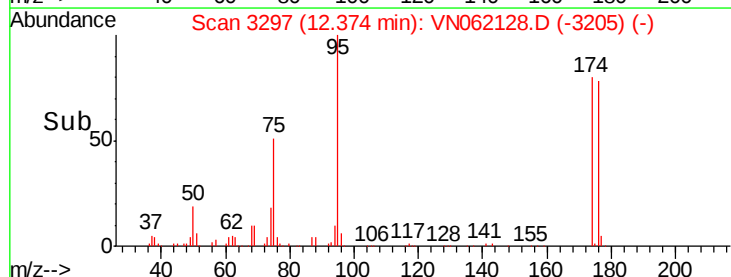
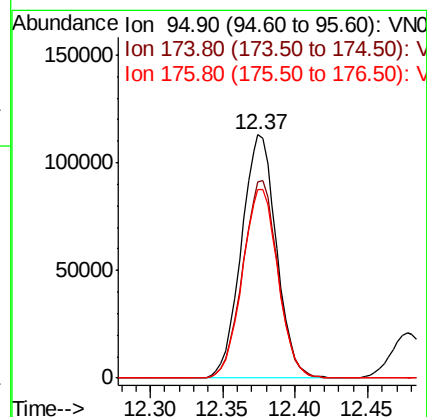
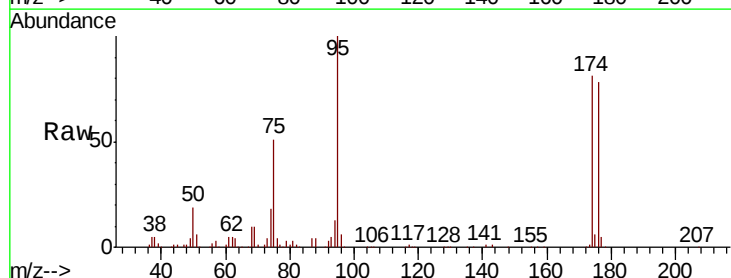
Tgt Ion: 95 Resp: 189317

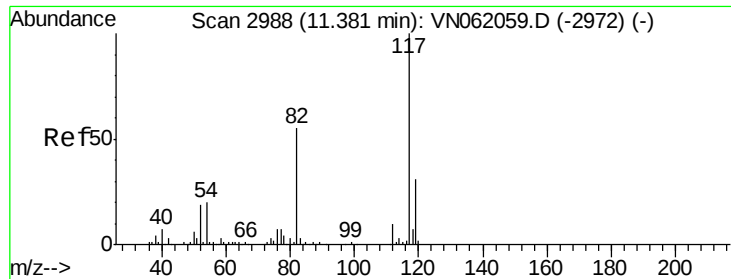
Ion Ratio Lower Upper

95 100

174 81.4 0.0 154.8

176 79.1 0.0 147.4

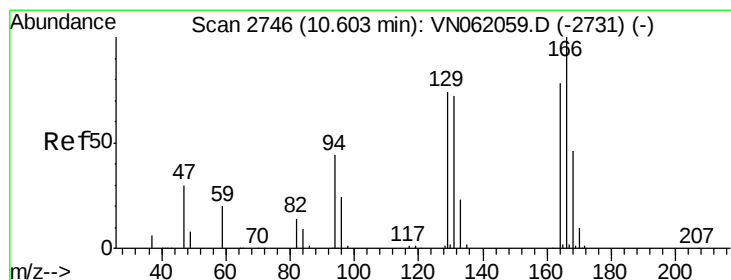
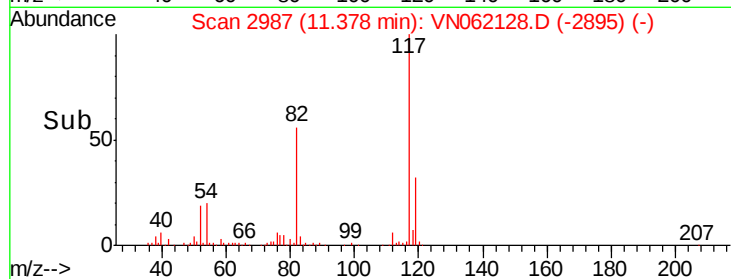
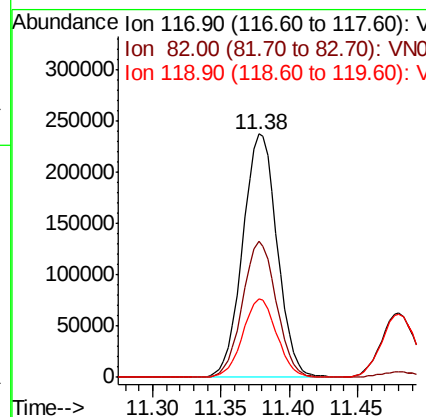
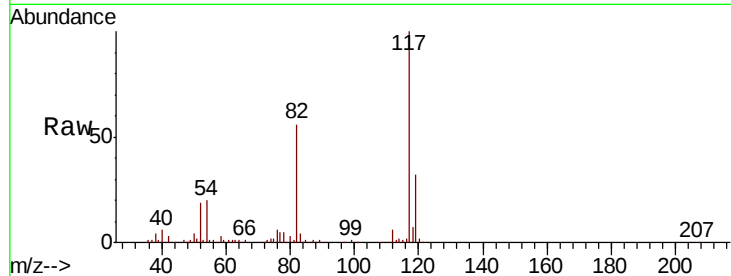




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2987
Delta R.T. -0.00 min
Lab File: VN062128.D
Acq: 26 Jun 2020 9:51

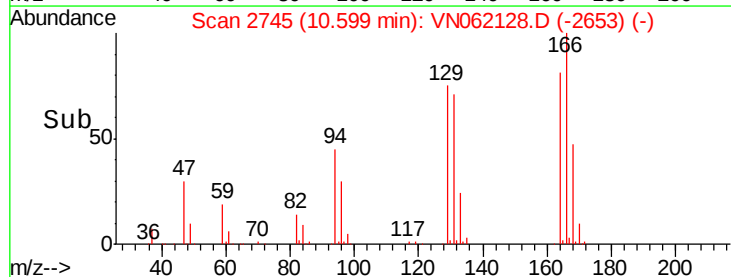
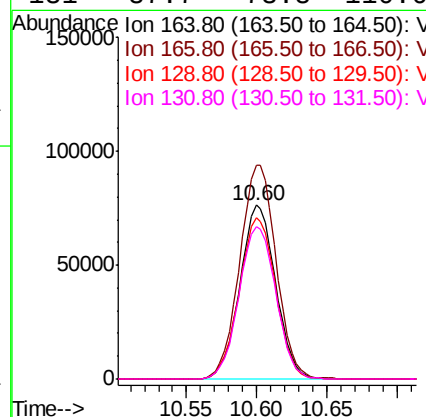
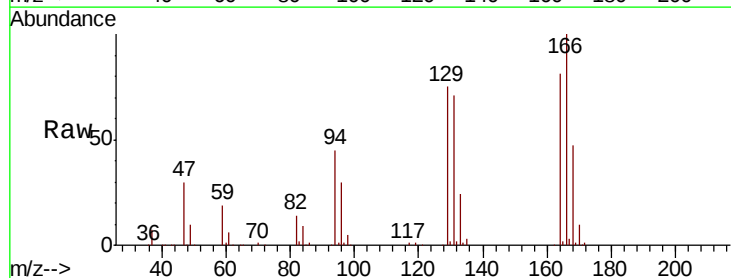
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

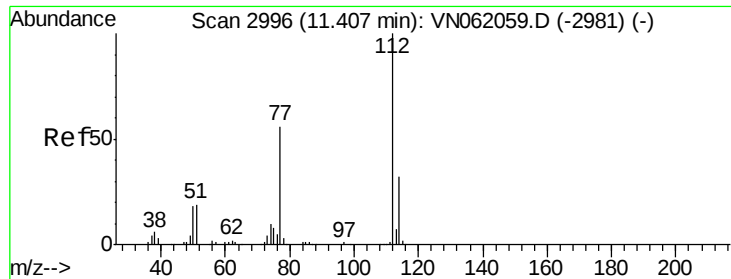
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.7	43.8	65.8
119	32.3	25.2	37.8



#64
Tetrachloroethene
Concen: 47.690 ug/l
RT: 10.60 min Scan# 2745
Delta R.T. -0.00 min
Lab File: VN062128.D
Acq: 26 Jun 2020 9:51

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.1	102.9	154.3
129	92.8	75.8	113.8
131	87.7	73.8	110.6





#65

Chlorobenzene

Concen: 46.579 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN062128.D

Acq: 26 Jun 2020 9:51

Instrument :

MSVOA_N

ClientSampleId :

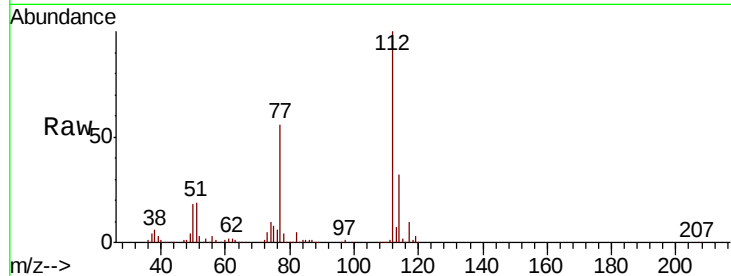
VSTDCCC050

Tot Ion:112 Resp: 426454

Ion Ratio Lower Upper

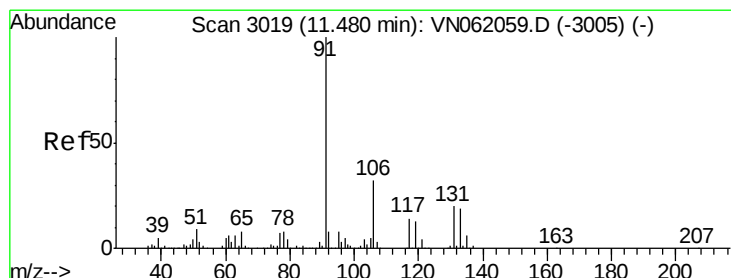
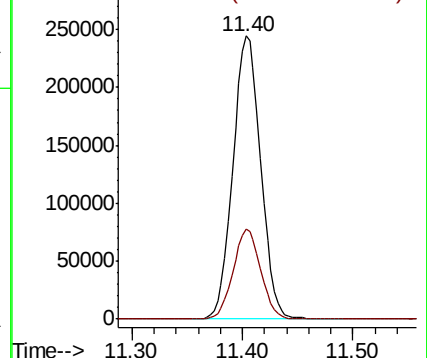
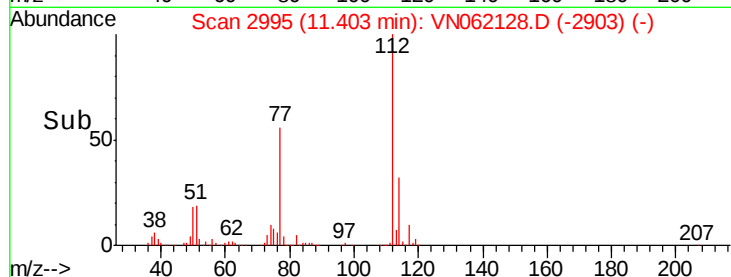
112 100

114 31.6 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 48.843 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. -0.00 min

Lab File: VN062128.D

Acq: 26 Jun 2020 9:51

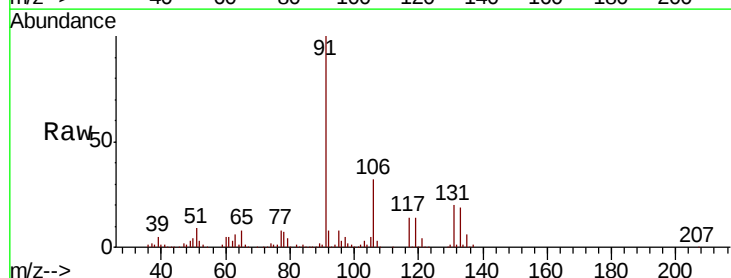
Tgt Ion:131 Resp: 154631

Ion Ratio Lower Upper

131 100

133 96.1 47.6 142.9

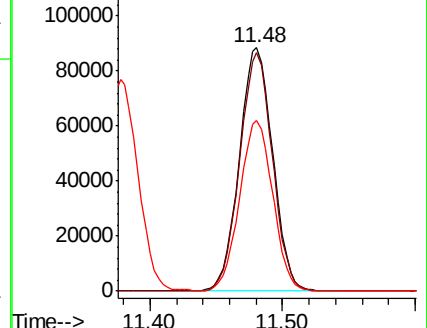
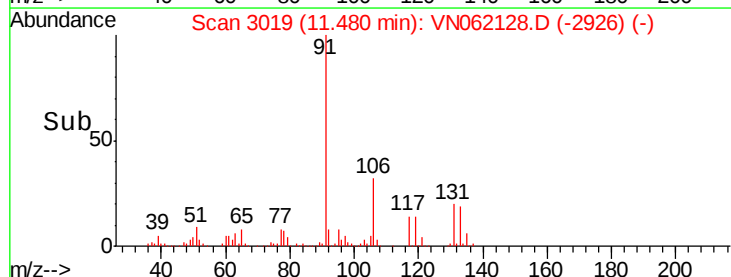
119 69.5 34.4 103.3

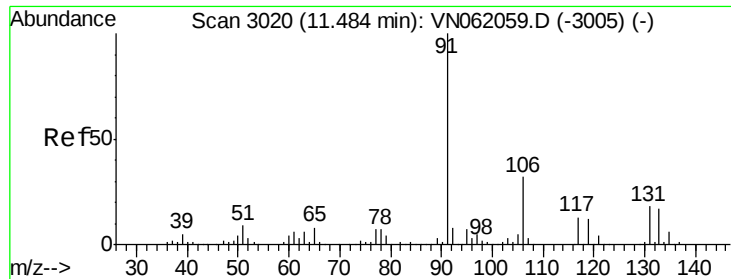


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

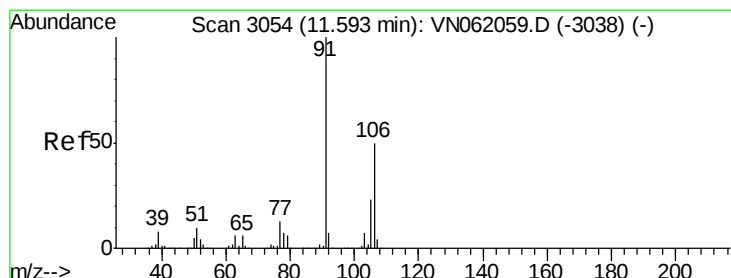
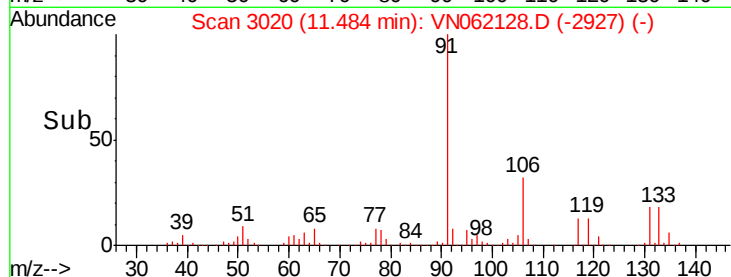
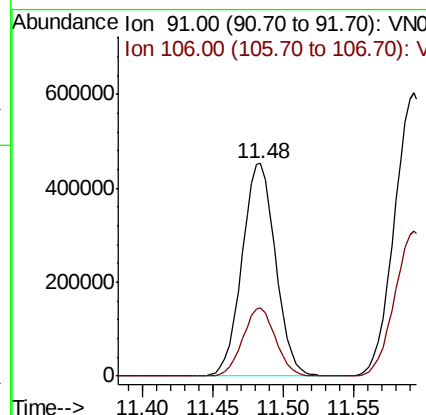
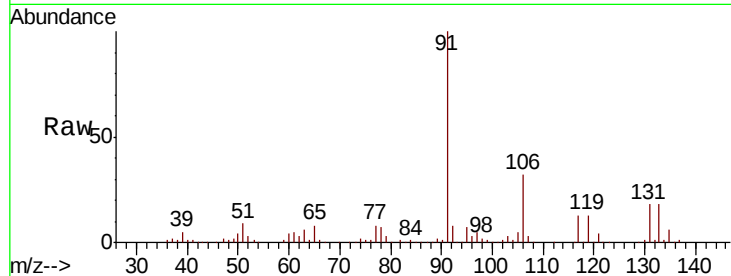




#67
Ethyl Benzene
Concen: 48.839 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062128.D
Acq: 26 Jun 2020 9:51

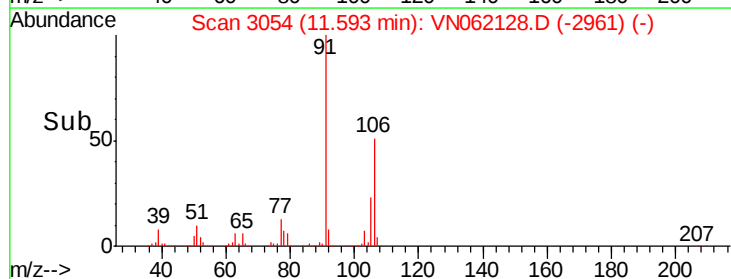
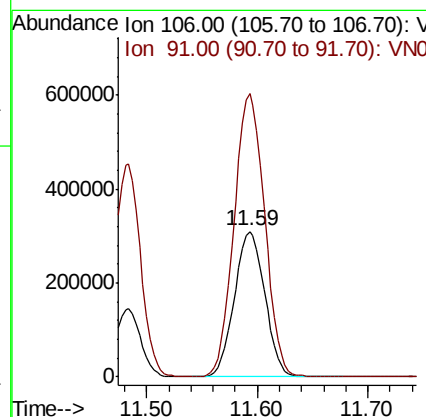
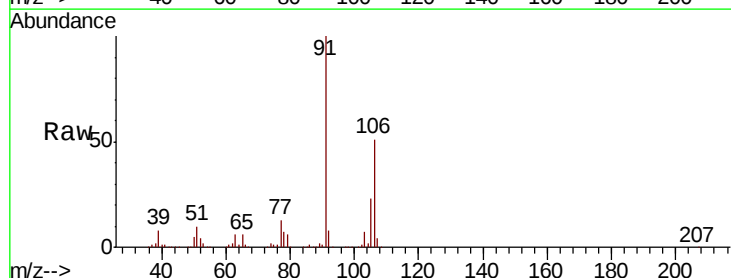
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

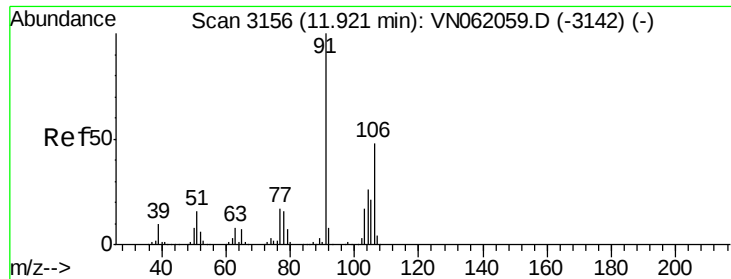
Tot Ion: 91 Resp: 755165
Ion Ratio Lower Upper
91 100
106 31.9 25.3 37.9



#68
m/p-Xylenes
Concen: 98.910 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN062128.D
Acq: 26 Jun 2020 9:51

Tgt Ion: 106 Resp: 591546
Ion Ratio Lower Upper
106 100
91 195.9 157.8 236.8

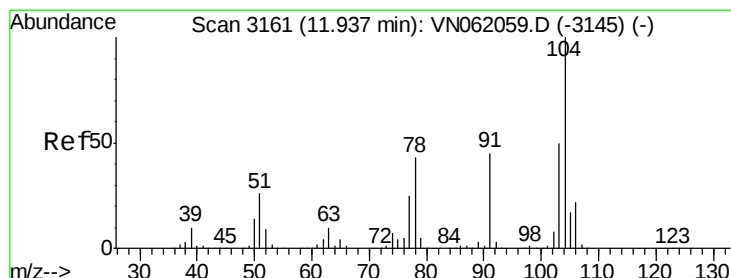
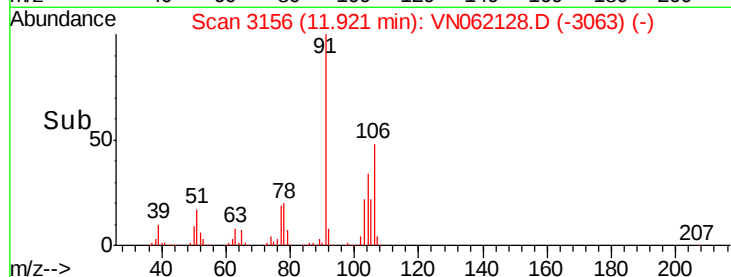
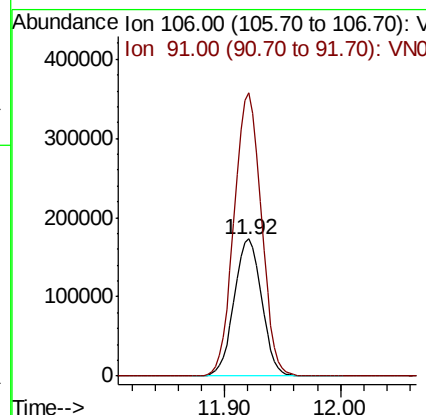
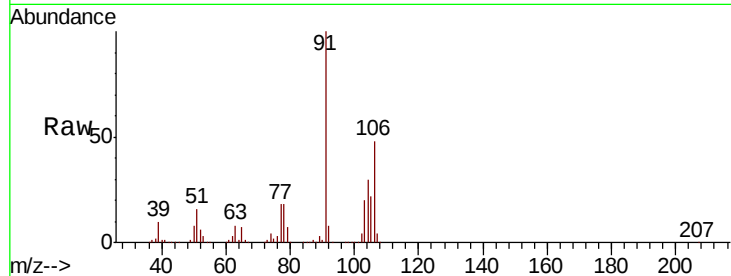




#69
o-Xylene
Concen: 50.573 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062128.D
Acq: 26 Jun 2020 9:51

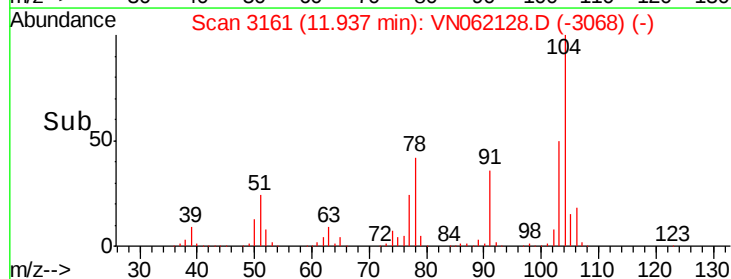
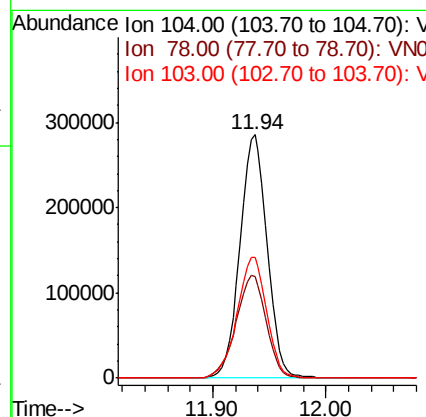
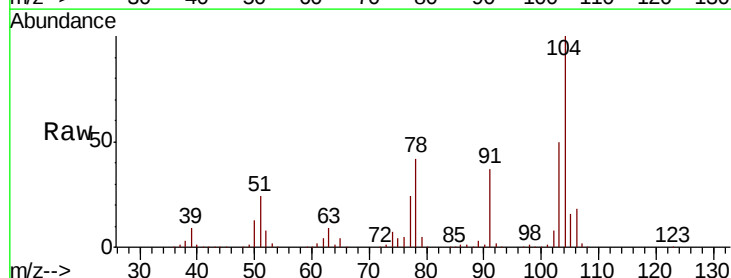
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

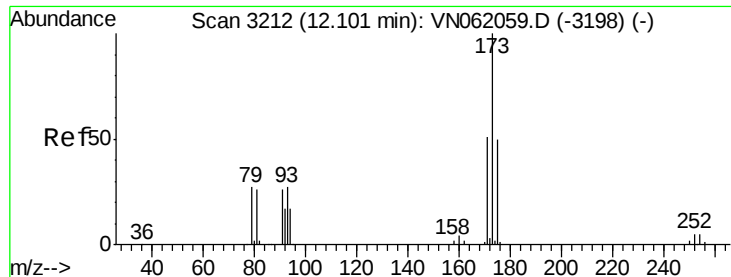
Tot Ion:106 Resp: 285373
Ion Ratio Lower Upper
106 100
91 204.8 104.0 311.9



#70
Styrene
Concen: 50.803 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062128.D
Acq: 26 Jun 2020 9:51

Tgt Ion:104 Resp: 478095
Ion Ratio Lower Upper
104 100
78 47.0 37.7 56.5
103 54.0 43.0 64.6





#71

Bromoform

Concen: 51.423 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062128.D

Acq: 26 Jun 2020 9:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

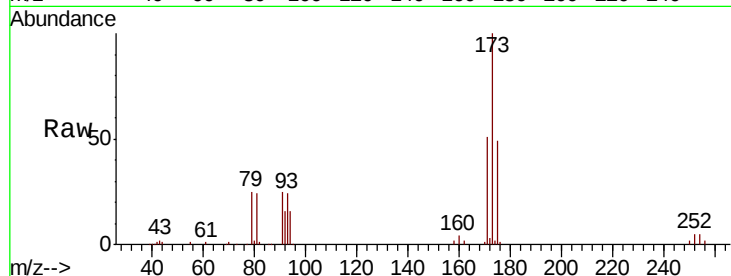
Tot Ion:173 Resp: 115749

Ion Ratio Lower Upper

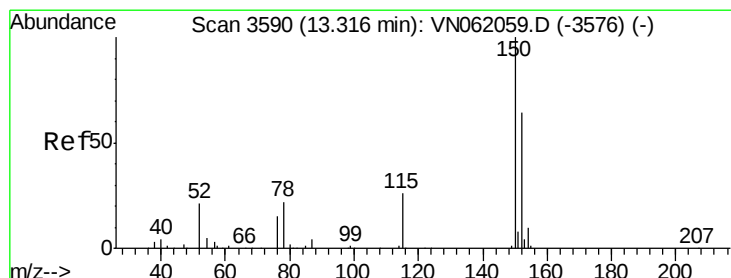
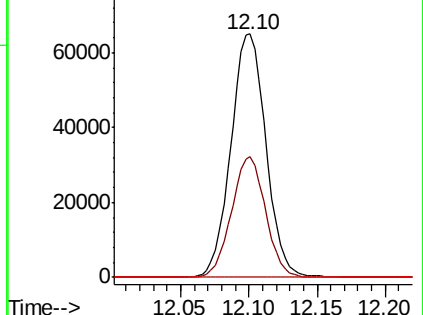
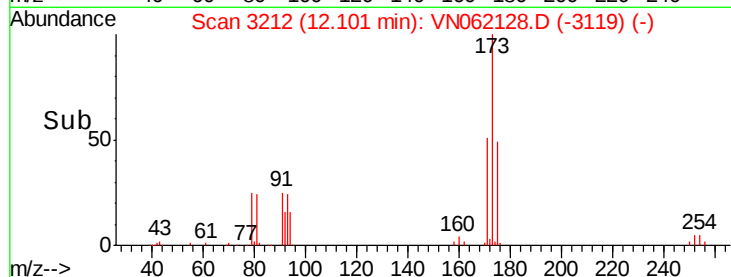
173 100

175 48.1 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: VN062128.D

Acq: 26 Jun 2020 9:51

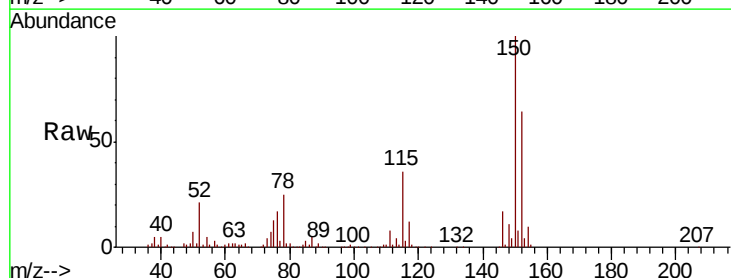
Tgt Ion:152 Resp: 205657

Ion Ratio Lower Upper

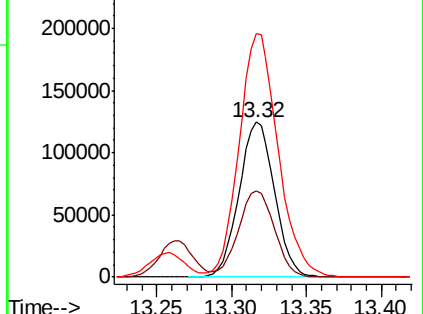
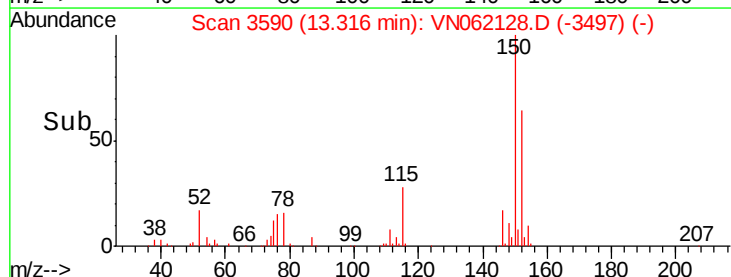
152 100

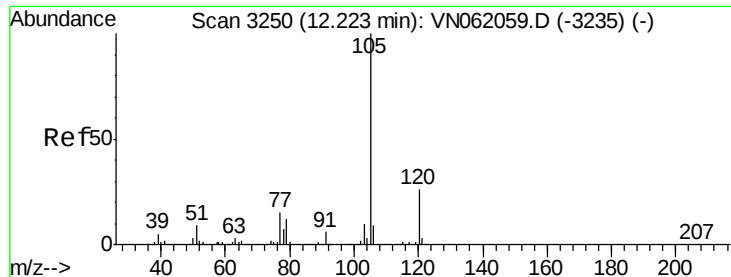
115 56.6 29.5 88.5

150 172.5 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: 46.607 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062128.D

Acq: 26 Jun 2020 9:51

Instrument :

MSVOA_N

ClientSampleId :

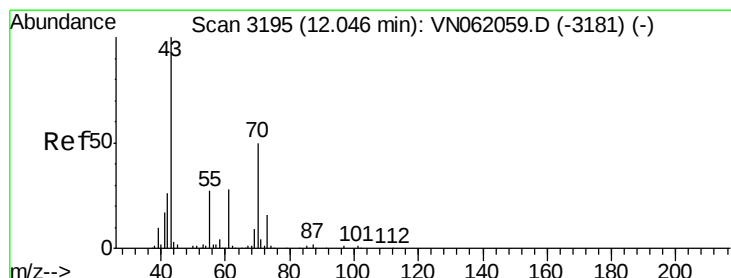
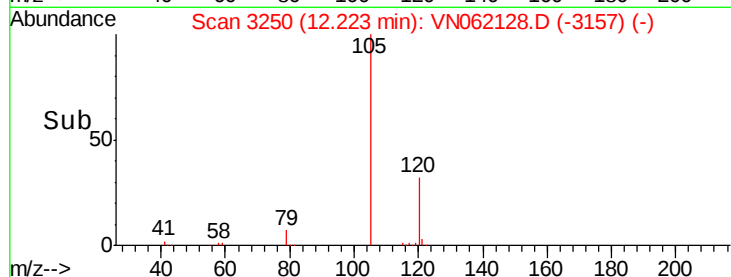
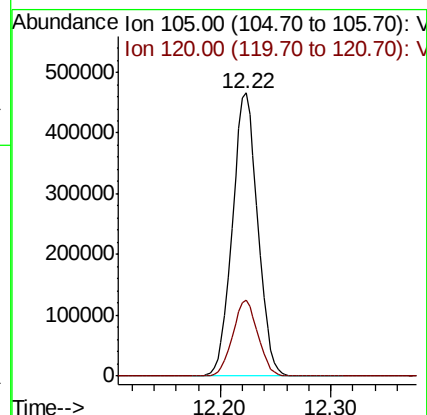
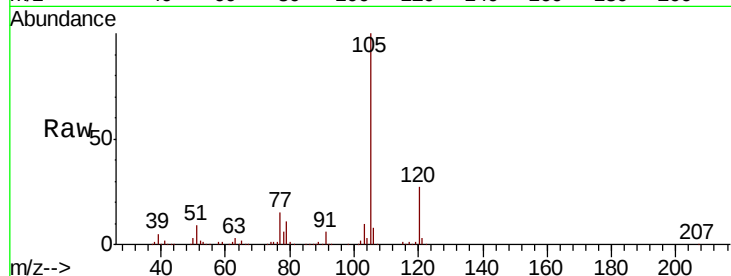
VSTDCCC050

Tot Ion:105 Resp: 741965

Ion Ratio Lower Upper

105 100

120 26.5 13.2 39.6



#74

N-ethyl acetate

Concen: 43.458 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN062128.D

Acq: 26 Jun 2020 9:51

Tgt Ion: 43 Resp: 251923

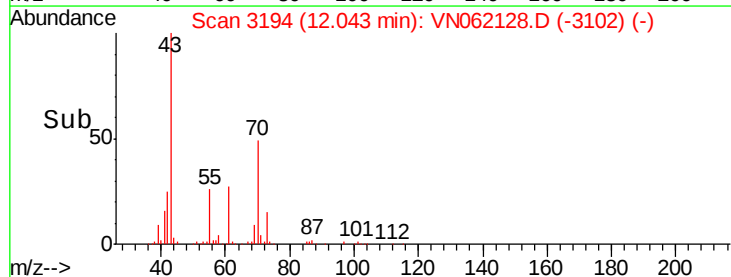
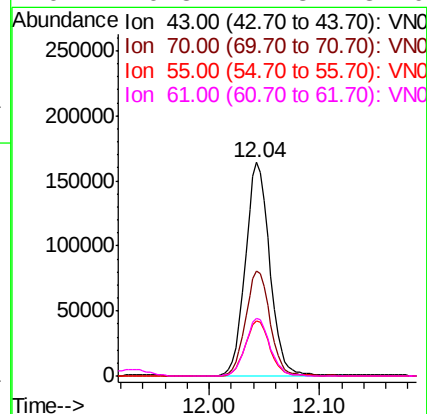
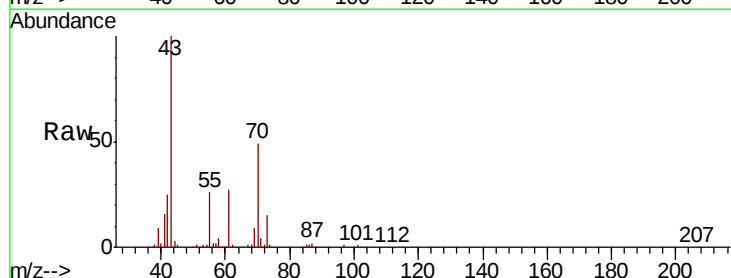
Ion Ratio Lower Upper

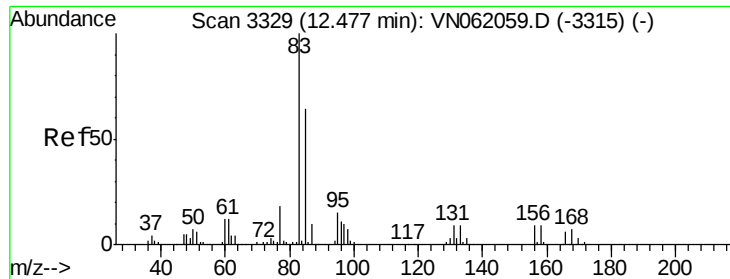
43 100

70 49.1 39.4 59.2

55 26.2 21.7 32.5

61 26.8 21.3 31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 41.856 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062128.D

Acq: 26 Jun 2020 9:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

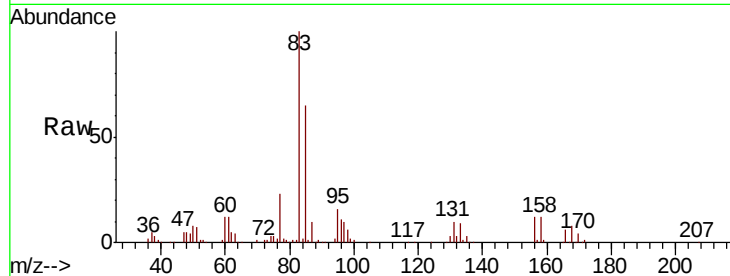
Tot Ion: 83 Resp: 221738

Ion	Ratio	Lower	Upper
83	100		
131	10.3	4.8	14.4
85	64.6	32.4	97.0

83 100

131 10.3 4.8 14.4

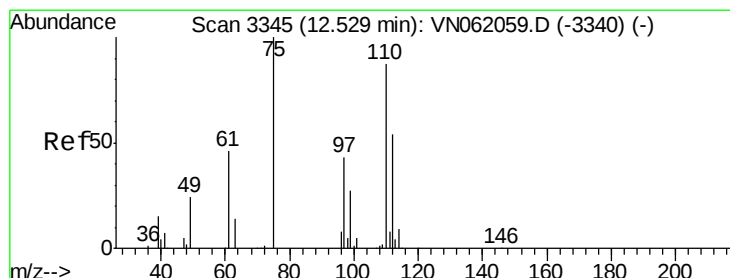
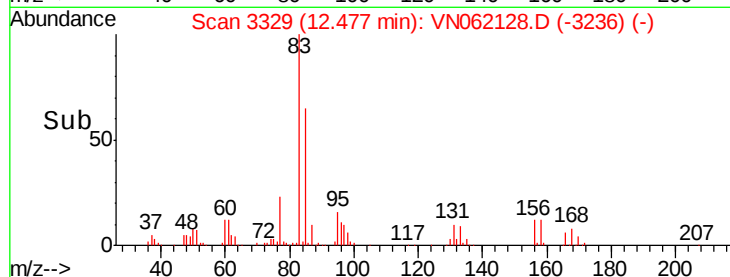
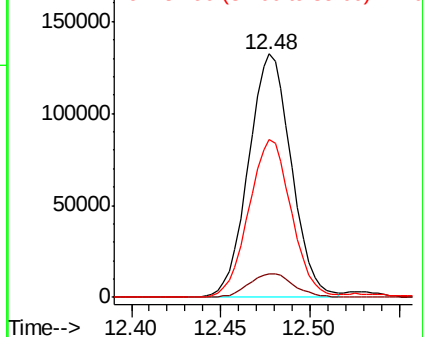
85 64.6 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN062128.D (-3326) (-)

Ion 130.80 (130.50 to 131.50): VN062128.D (-3326) (-)

Ion 84.90 (84.60 to 85.60): VN062128.D (-3326) (-)



#76

1,2,3-Trichloropropane

Concen: 58.046 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN062128.D

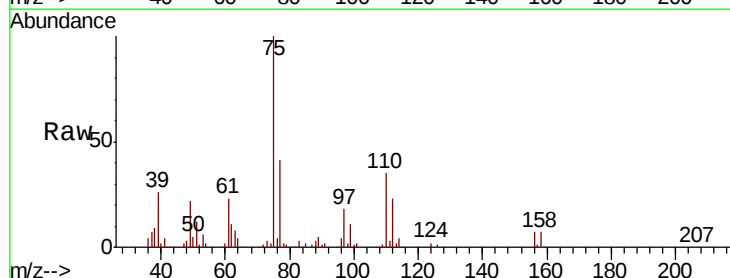
Acq: 26 Jun 2020 9:51

Tgt Ion: 75 Resp: 281022

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

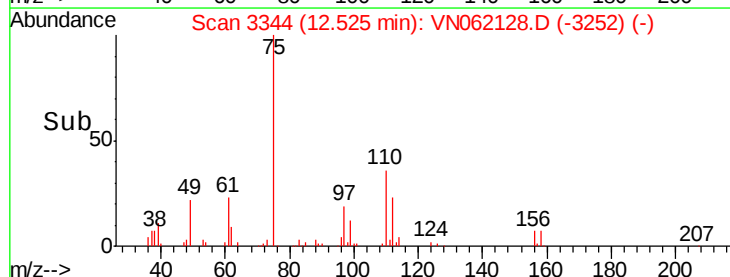
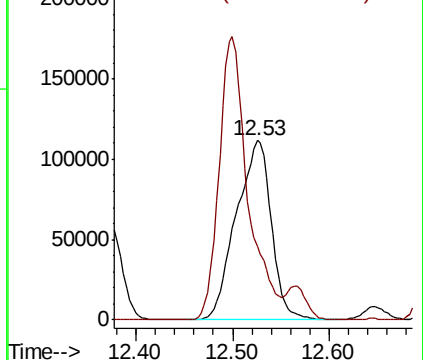
75 100

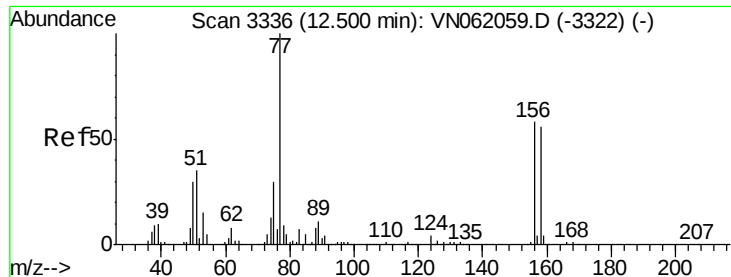
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN062128.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN062128.D (-3252) (-)

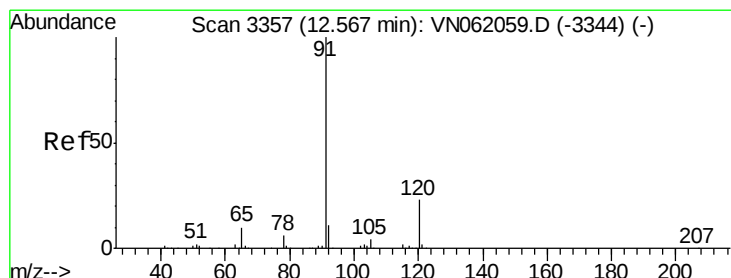
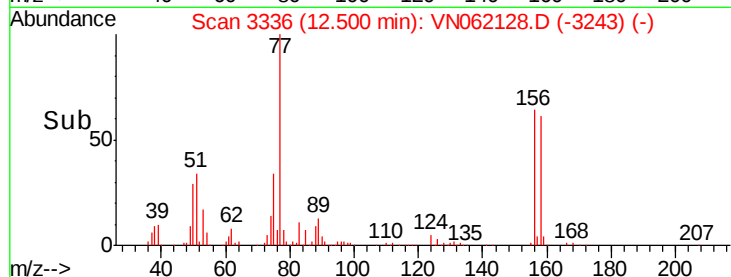
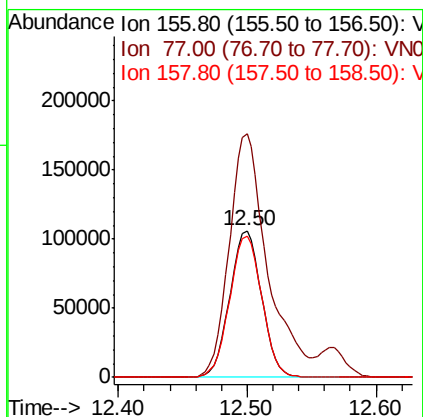
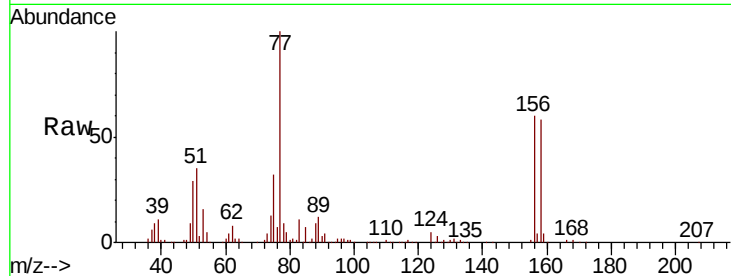




#77
Bromobenzene
Concen: 45.870 ug/l
RT: 12.50 min Scan# 3336
Delta R.T. -0.00 min
Lab File: VN062128.D
Acq: 26 Jun 2020 9:51

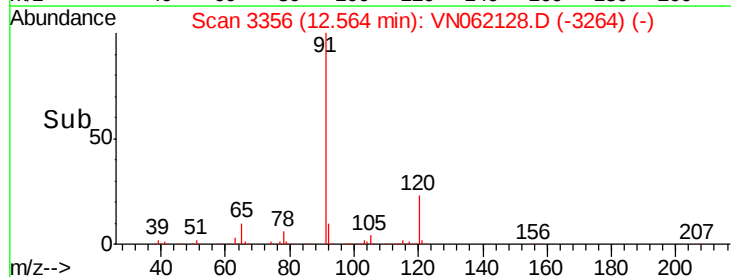
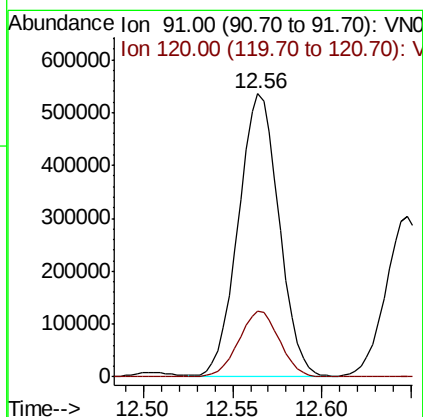
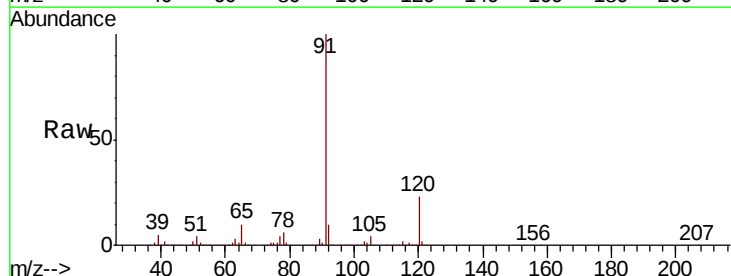
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

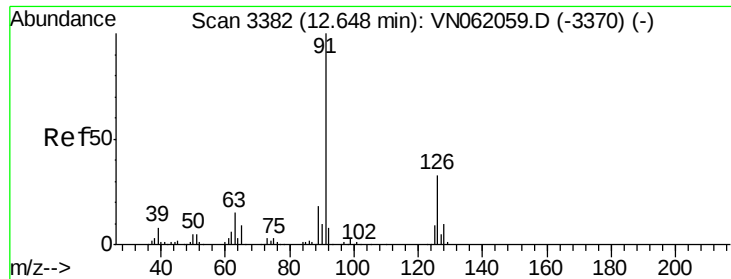
Tot Ion:156 Resp: 181293
Ion Ratio Lower Upper
156 100
77 201.1 104.6 313.8
158 98.1 48.0 144.0



#78
n-propylbenzene
Concen: 46.647 ug/l
RT: 12.56 min Scan# 3356
Delta R.T. -0.00 min
Lab File: VN062128.D
Acq: 26 Jun 2020 9:51

Tgt Ion: 91 Resp: 849415
Ion Ratio Lower Upper
91 100
120 23.4 11.4 34.1





#79

2-Chlorotoluene

Concen: 45.071 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062128.D

Acq: 26 Jun 2020 9:51

Instrument :

MSVOA_N

ClientSampleId :

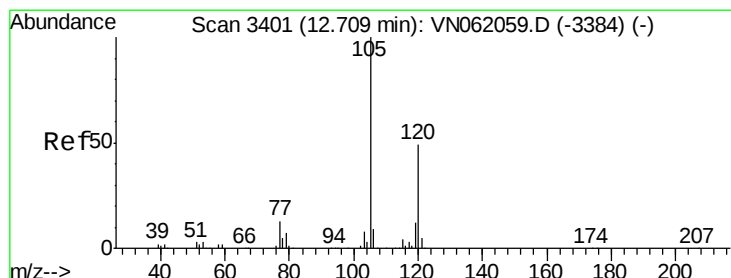
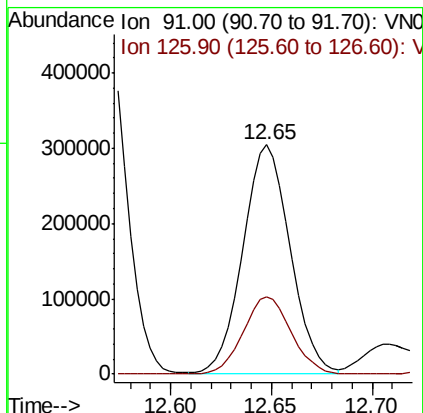
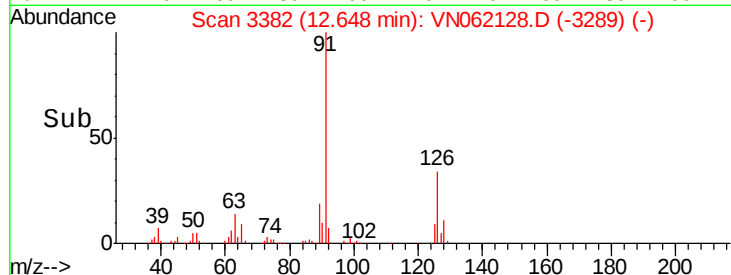
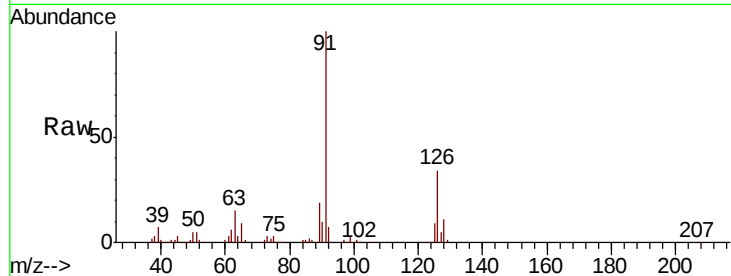
VSTDCCC050

Tot Ion: 91 Resp: 496167

Ion Ratio Lower Upper

91 100

126 34.5 16.9 50.7



#80

1,3,5-Trimethylbenzene

Concen: 47.838 ug/l

RT: 12.71 min Scan# 3400

Delta R.T. -0.00 min

Lab File: VN062128.D

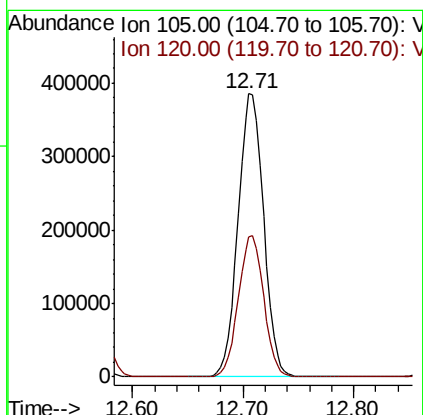
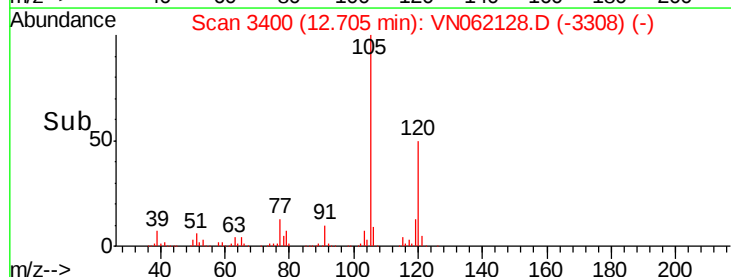
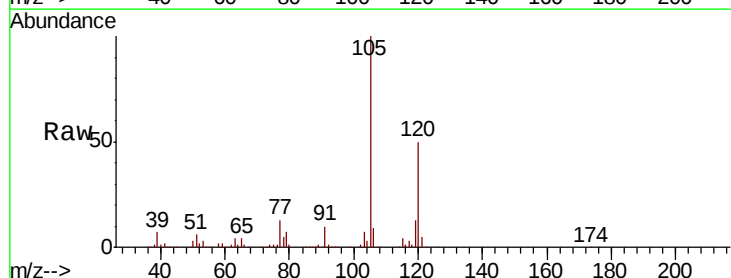
Acq: 26 Jun 2020 9:51

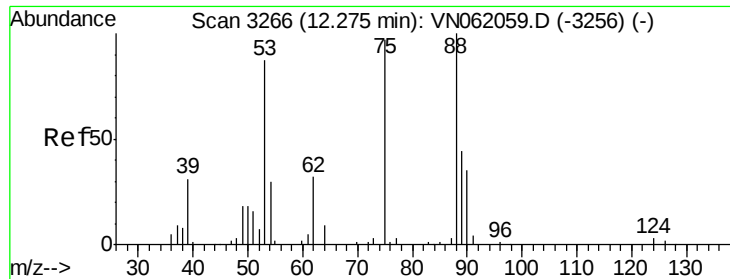
Tgt Ion: 105 Resp: 617353

Ion Ratio Lower Upper

105 100

120 49.8 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 44.955 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062128.D

Acq: 26 Jun 2020 9:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

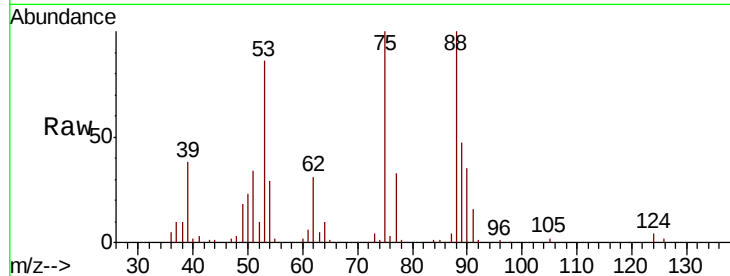
Tot Ion: 75 Resp: 74526

Ion Ratio Lower Upper

75 100

53 89.6 72.0 108.0

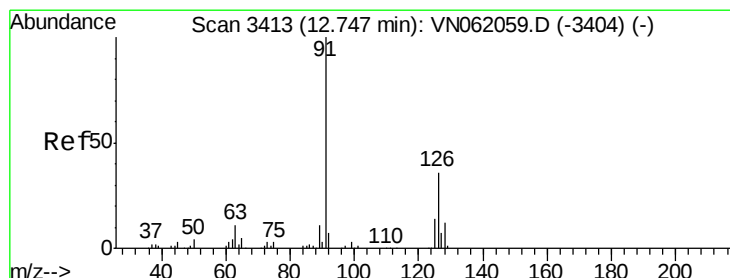
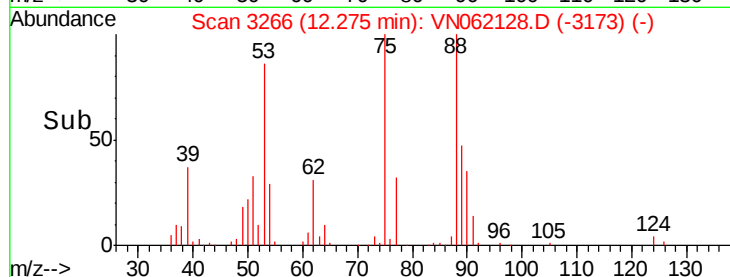
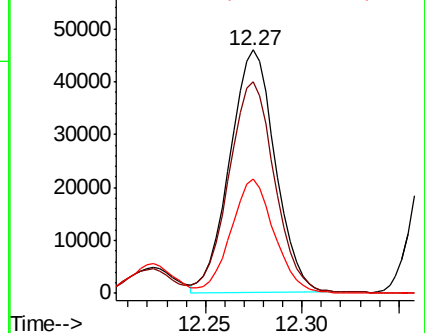
89 45.3 36.9 55.3



Abundance Ion 74.90 (74.60 to 75.60): VN062128.D (-3173) (-)

Ion 53.00 (52.70 to 53.70): VN062128.D (-3173) (-)

Ion 88.90 (88.60 to 89.60): VN062128.D (-3173) (-)



#82

4-Chlorotoluene

Concen: 45.559 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062128.D

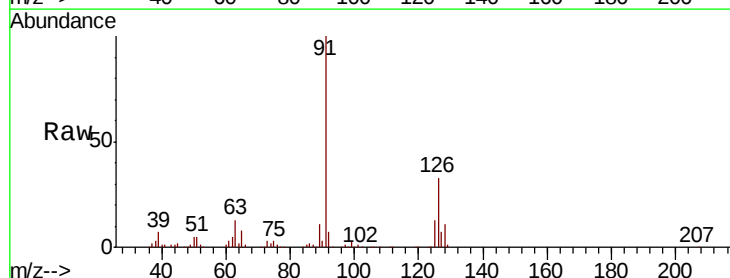
Acq: 26 Jun 2020 9:51

Tgt Ion: 91 Resp: 518643

Ion Ratio Lower Upper

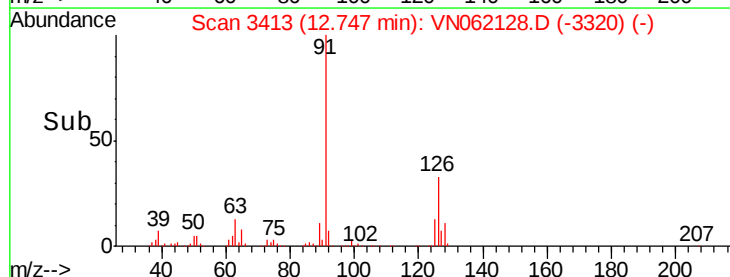
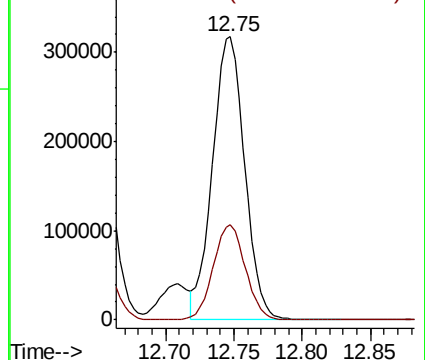
91 100

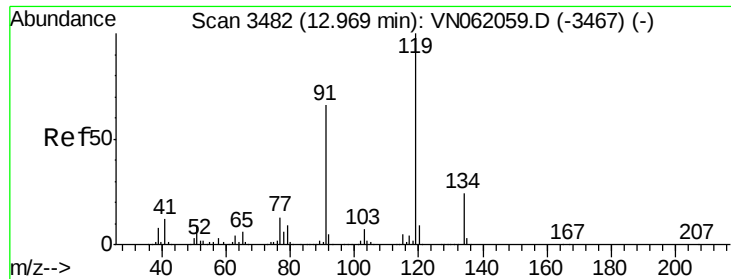
126 33.7 16.7 50.1



Abundance Ion 91.00 (90.70 to 91.70): VN062128.D (-3320) (-)

Ion 125.90 (125.60 to 126.60): VN062128.D (-3320) (-)

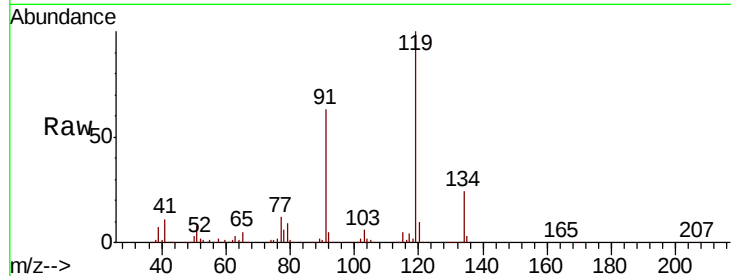




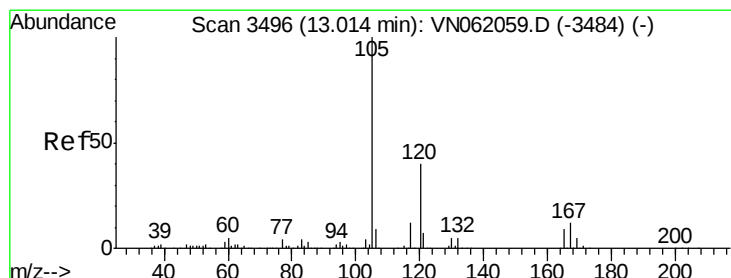
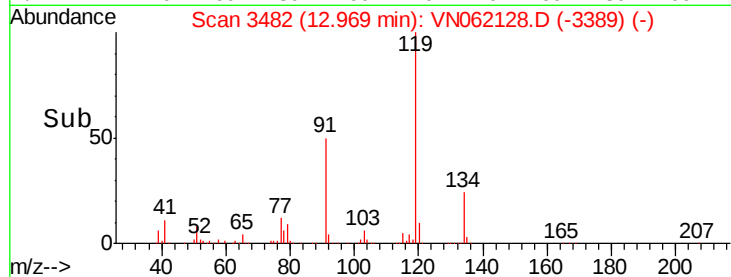
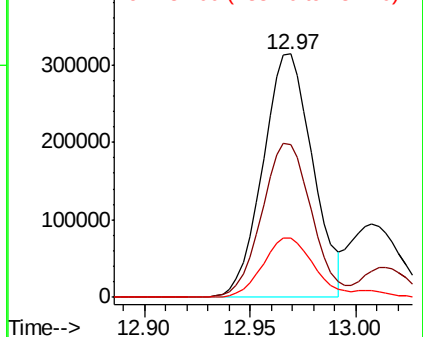
#83
tert-Butylbenzene
Concen: 46.902 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN062128.D
Acq: 26 Jun 2020 9:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:119 Resp: 518006
Ion Ratio Lower Upper
119 100
91 62.6 31.7 95.1
134 25.0 13.1 39.1

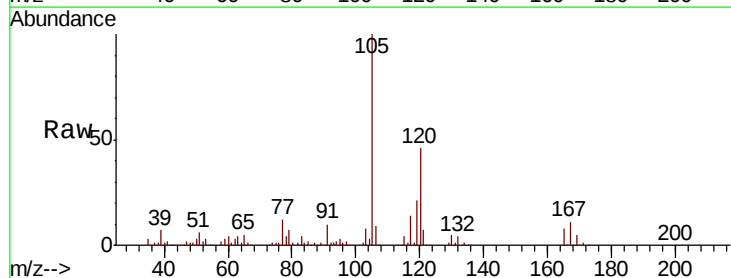


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VN
Ion 134.00 (133.70 to 134.70): V

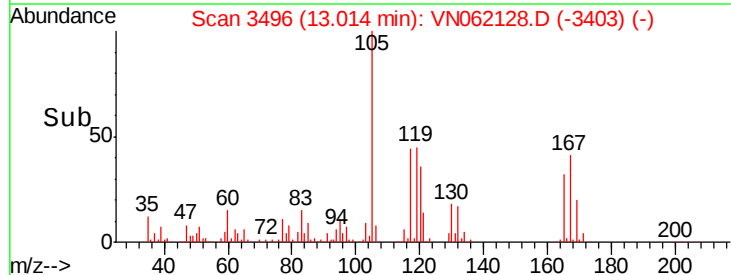
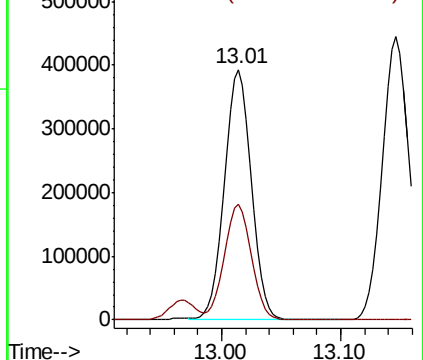


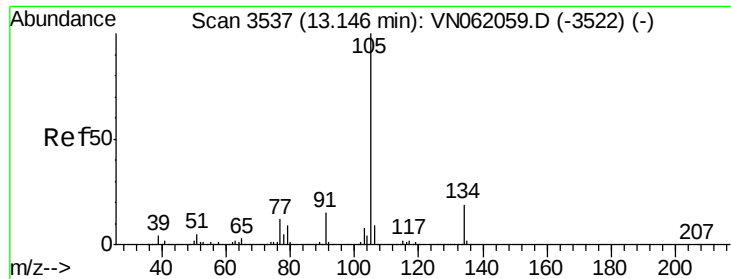
#84
1,2,4-Trimethylbenzene
Concen: 47.627 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN062128.D
Acq: 26 Jun 2020 9:51

Tgt Ion:105 Resp: 613866
Ion Ratio Lower Upper
105 100
120 46.8 23.2 69.5



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

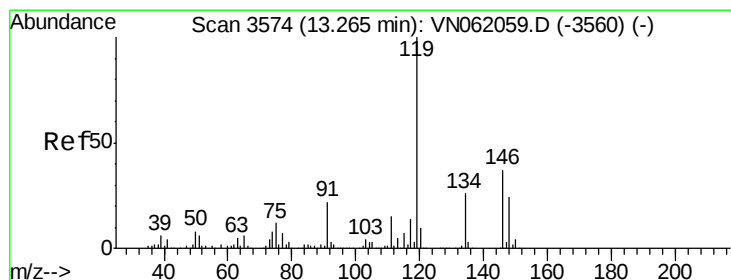
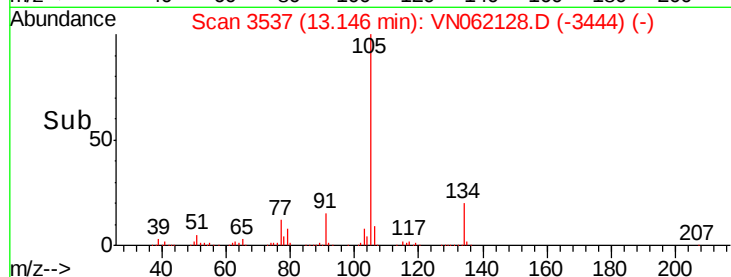
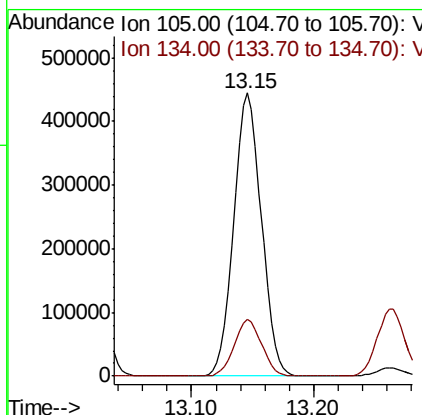
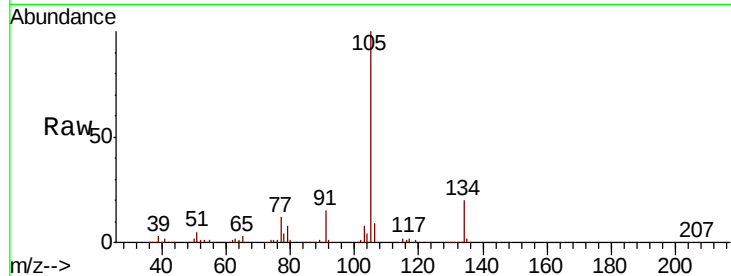




#85
 sec-Butylbenzene
 Concen: 47.825 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN062128.D
 Acq: 26 Jun 2020 9:51

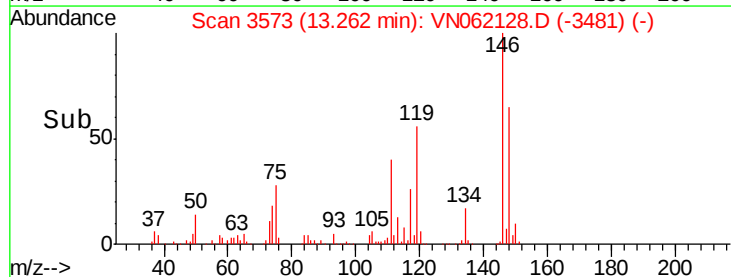
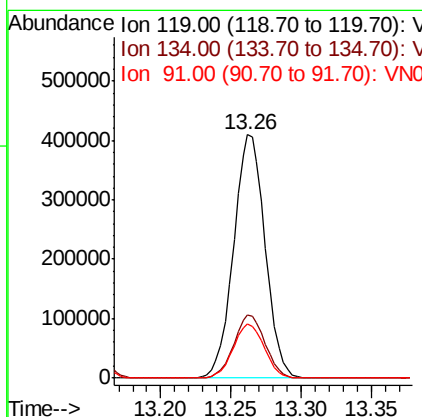
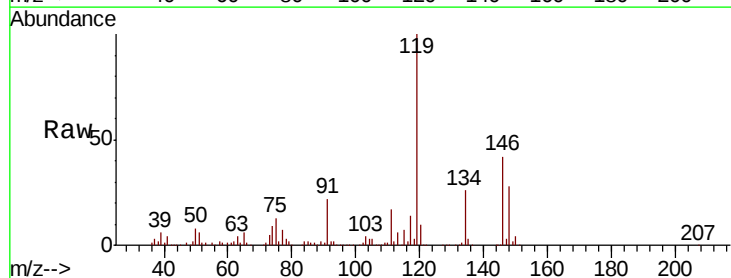
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

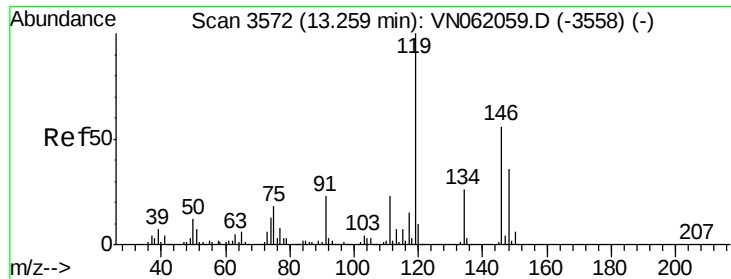
Tot Ion:105 Resp: 697946
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 49.846 ug/l
 RT: 13.26 min Scan# 3573
 Delta R.T. -0.00 min
 Lab File: VN062128.D
 Acq: 26 Jun 2020 9:51

Tgt Ion:119 Resp: 637320
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.0 39.0
 91 22.0 11.3 33.8

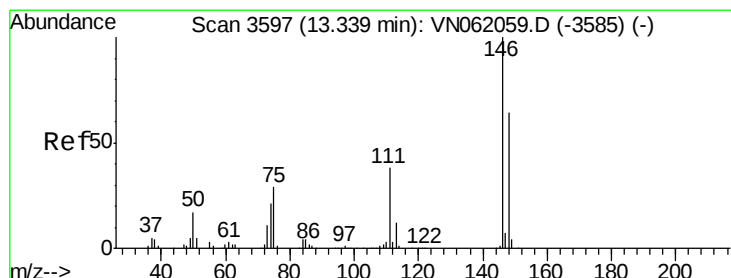
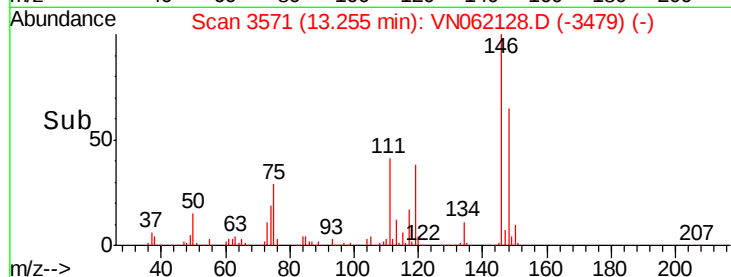
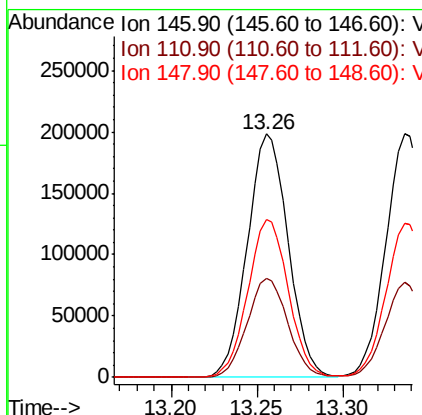
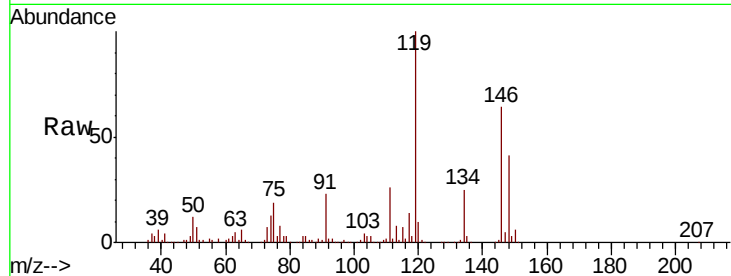




#87
 1,3-Dichlorobenzene
 Concen: 47.100 ug/l
 RT: 13.26 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VN062128.D
 Acq: 26 Jun 2020 9:51

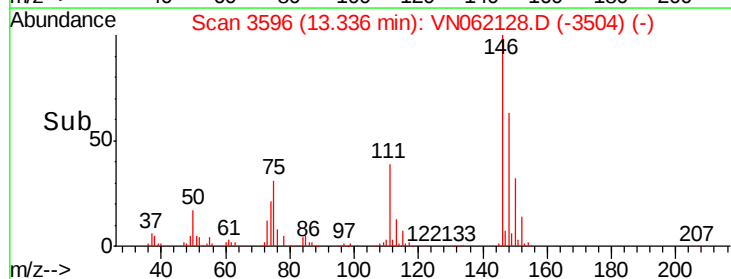
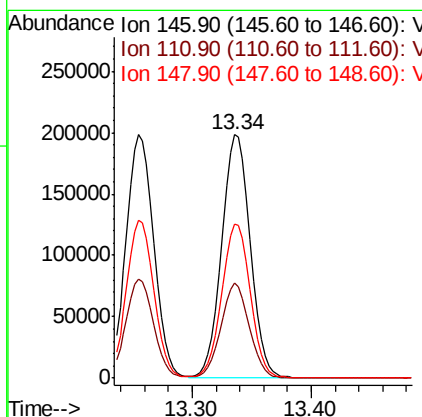
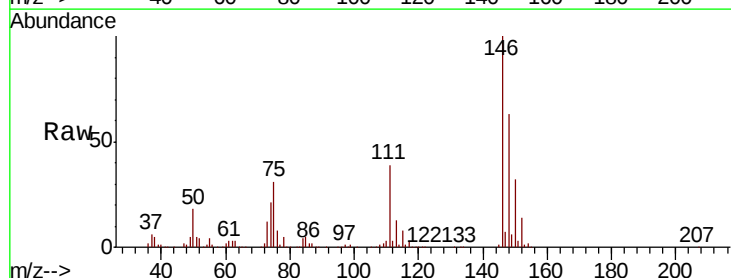
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

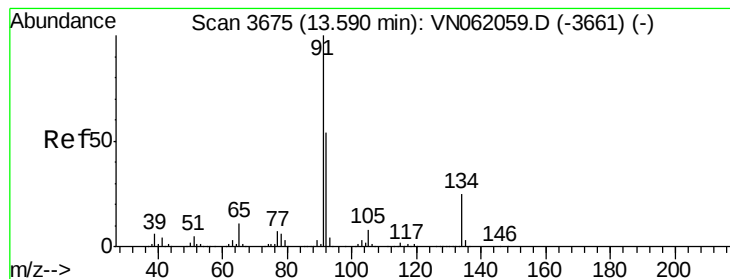
Tot Ion:146 Resp: 326885
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.3 61.0
 148 64.3 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 46.081 ug/l
 RT: 13.34 min Scan# 3596
 Delta R.T. -0.00 min
 Lab File: VN062128.D
 Acq: 26 Jun 2020 9:51

Tgt Ion:146 Resp: 329667
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.9 59.6
 148 63.2 31.9 95.9





#89

n-Butylbenzene

Concen: 49.107 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN062128.D

Acq: 26 Jun 2020 9:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

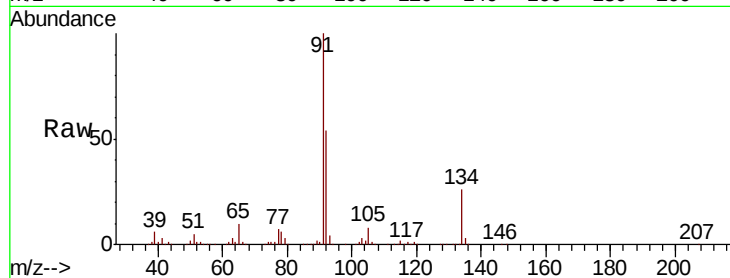
Tot Ion: 91 Resp: 522004

Ion Ratio Lower Upper

91 100

92 53.5 26.6 79.7

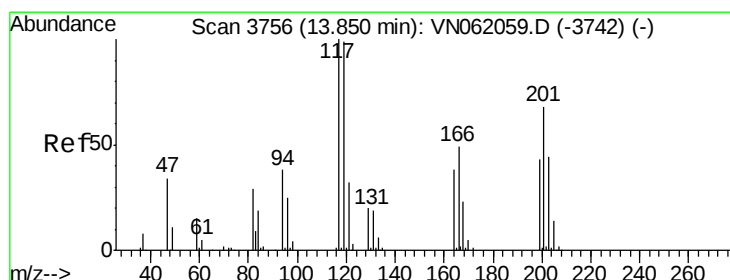
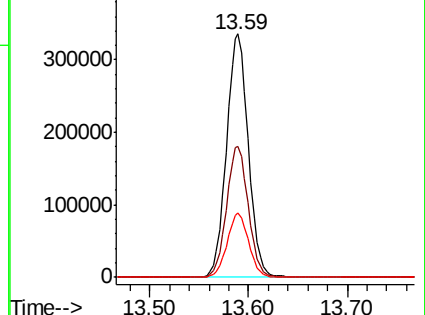
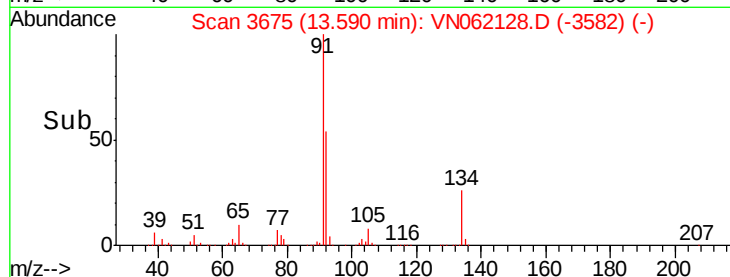
134 26.0 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN062128.D (-3582) (-)

Ion 92.00 (91.70 to 92.70): VN062128.D (-3582) (-)

Ion 134.00 (133.70 to 134.70): VN062128.D (-3582) (-)



#90

Hexachloroethane

Concen: 45.099 ug/l

RT: 13.85 min Scan# 3755

Delta R.T. -0.00 min

Lab File: VN062128.D

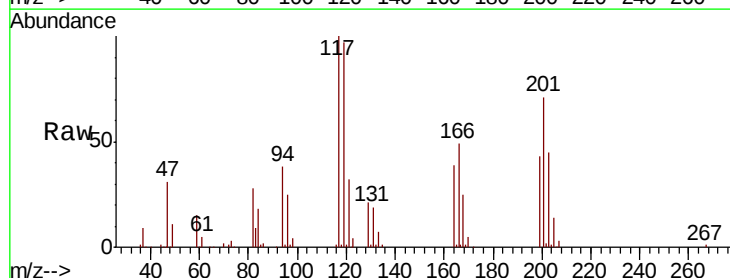
Acq: 26 Jun 2020 9:51

Tgt Ion: 117 Resp: 113133

Ion Ratio Lower Upper

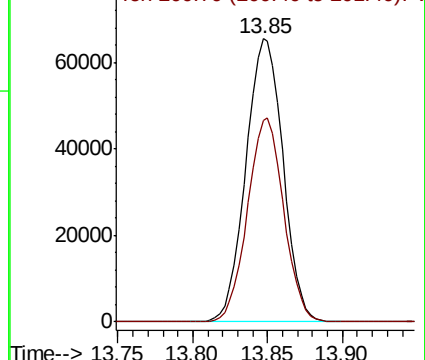
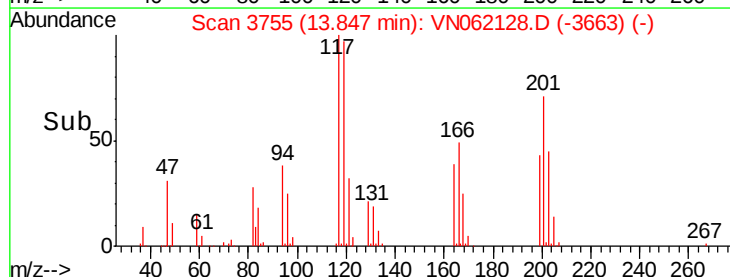
117 100

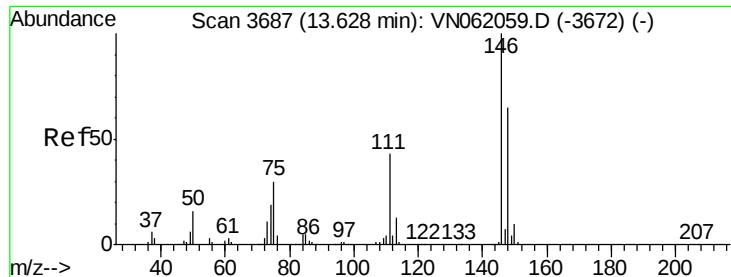
201 70.1 32.7 98.1



Abundance Ion 116.80 (116.50 to 117.50): VN062128.D (-3663) (-)

Ion 200.70 (200.40 to 201.40): VN062128.D (-3663) (-)





#91

1,2-Dichlorobenzene

Concen: 46.731 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. -0.00 min

Lab File: VN062128.D

Acq: 26 Jun 2020 9:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

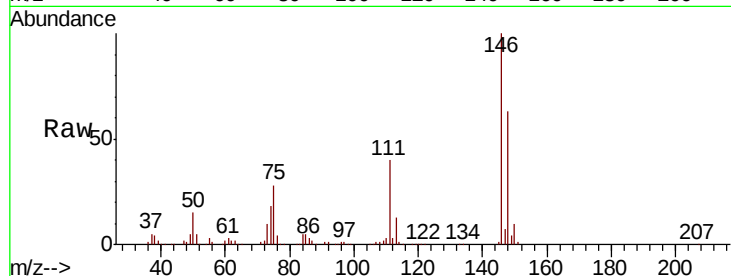
Tot Ion:146 Resp: 314500

Ion Ratio Lower Upper

146 100

111 41.4 21.2 63.6

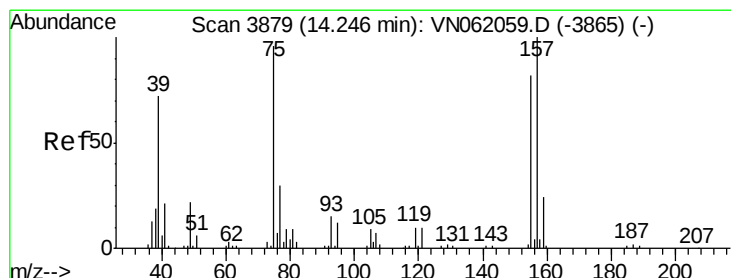
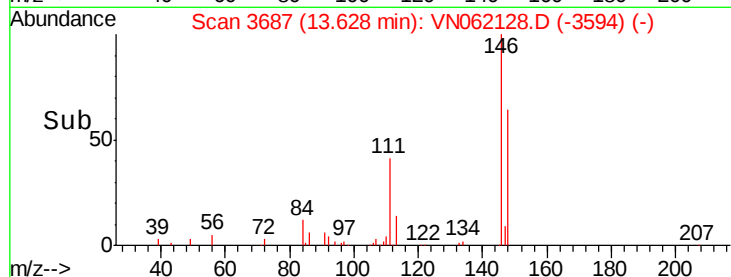
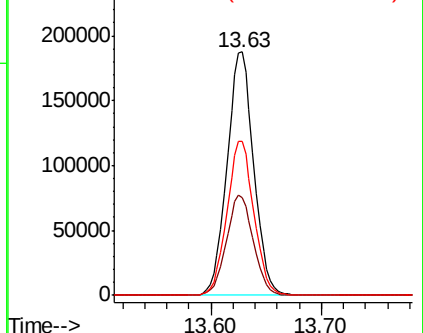
148 63.8 31.9 95.5



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: 44.182 ug/l

RT: 14.25 min Scan# 3879

Delta R.T. -0.00 min

Lab File: VN062128.D

Acq: 26 Jun 2020 9:51

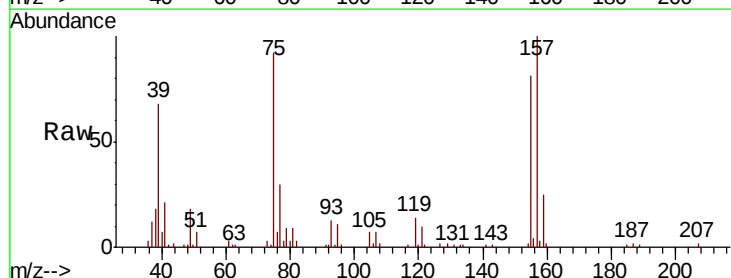
Tgt Ion: 75 Resp: 37495

Ion Ratio Lower Upper

75 100

155 85.0 40.8 122.4

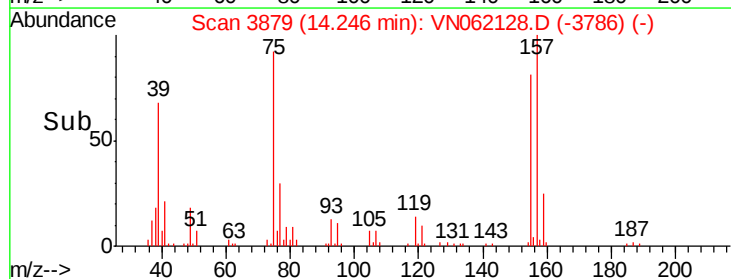
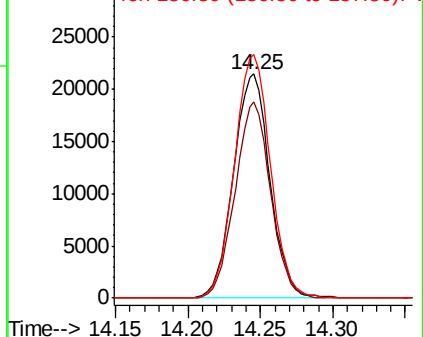
157 107.5 51.4 154.3

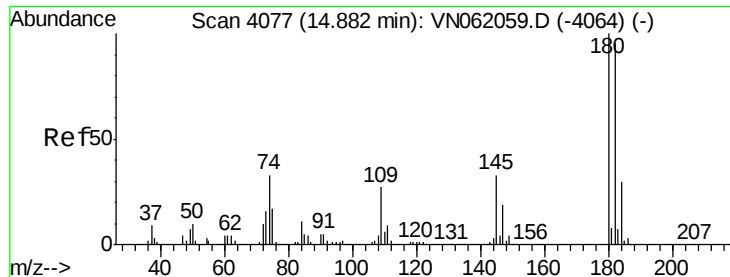


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

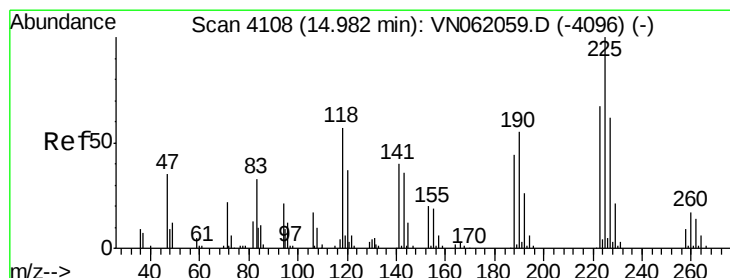
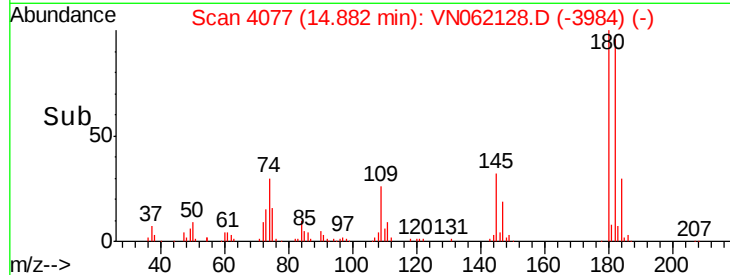
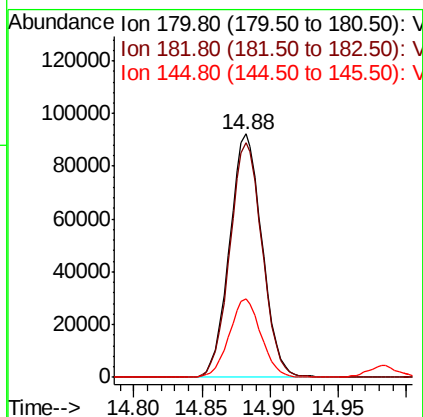
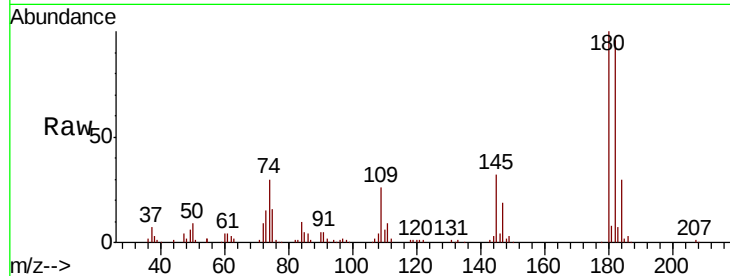




#93
 1,2,4-Trichlorobenzene
 Concen: 51.958 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN062128.D
 Acq: 26 Jun 2020 9:51

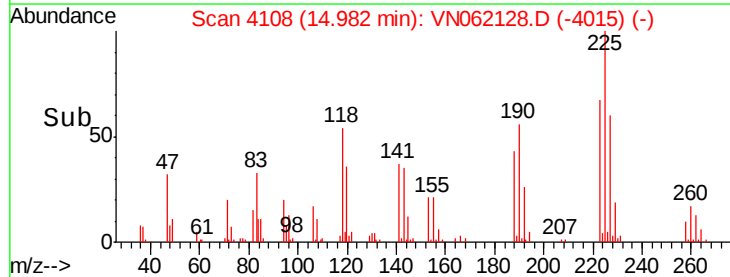
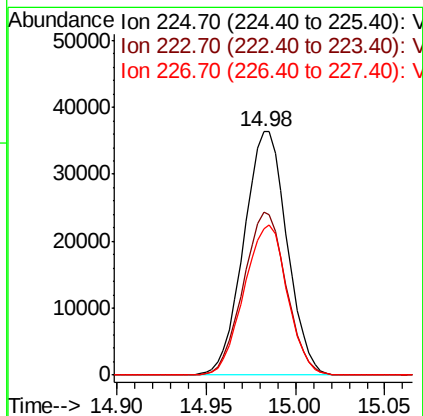
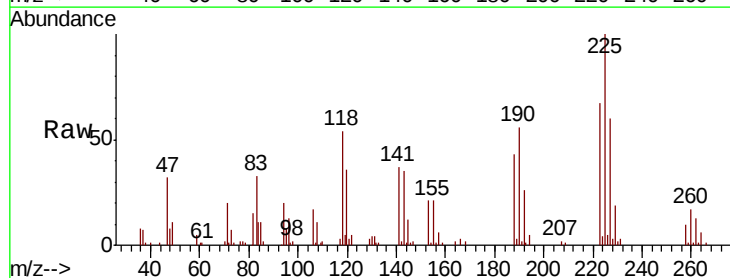
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

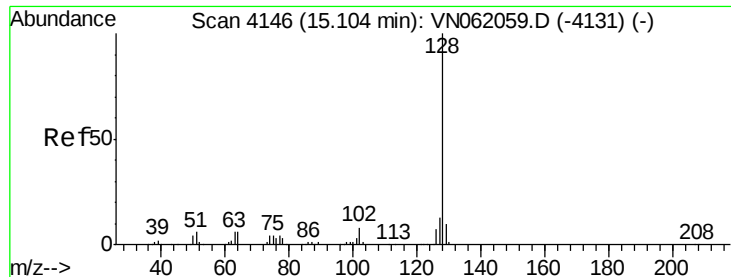
Tot Ion:180 Resp: 152758
 Ion Ratio Lower Upper
 180 100
 182 95.9 48.0 144.2
 145 31.6 16.0 48.0



#94
 Hexachlorobutadiene
 Concen: 48.165 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062128.D
 Acq: 26 Jun 2020 9:51

Tgt Ion:225 Resp: 61503
 Ion Ratio Lower Upper
 225 100
 223 66.2 32.9 98.7
 227 61.5 31.3 93.8

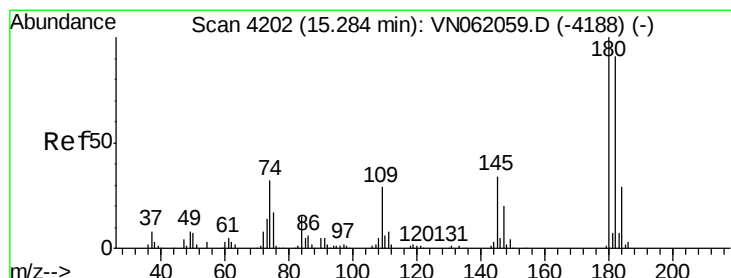
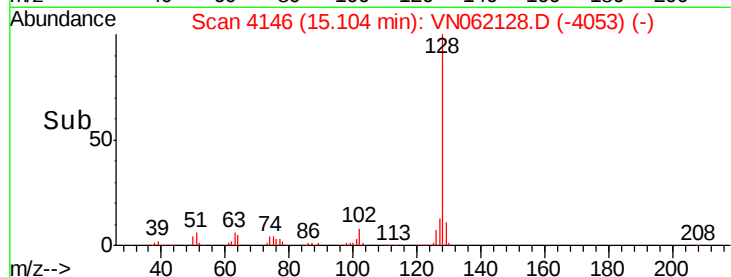
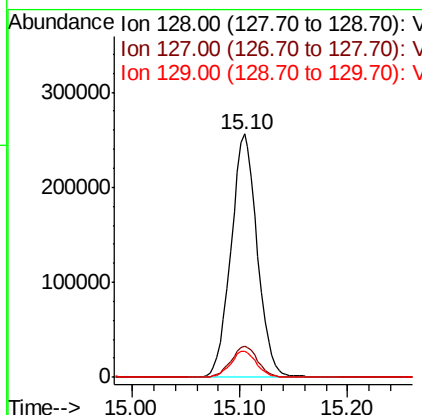
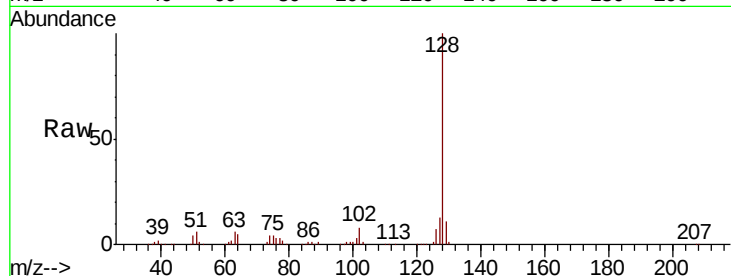




#95
Naphthalene
Concen: 44.827 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062128.D
Acq: 26 Jun 2020 9:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 435016
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 10.6 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 50.809 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062128.D
Acq: 26 Jun 2020 9:51

Tgt Ion:180 Resp: 152743
Ion Ratio Lower Upper
180 100
182 94.4 46.8 140.4
145 33.2 16.4 49.2

