

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081220\
 Data File : VN062849.D
 Acq On : 12 Aug 2020 11:00
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 13 05:19:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	155040	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	232751	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	223914	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	115887	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	118057	46.05	ug/l	0.00
Spiked Amount			Recovery	=	92.10%	
35) Dibromofluoromethane	7.55	113	81220	51.01	ug/l	0.00
Spiked Amount			Recovery	=	102.02%	
50) Toluene-d8	10.06	98	315463	50.75	ug/l	0.00
Spiked Amount			Recovery	=	101.50%	
62) 4-Bromofluorobenzene	12.38	95	121343	51.66	ug/l	0.00
Spiked Amount			Recovery	=	103.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	106515	47.977	ug/l	95
3) Chloromethane	2.03	50	87716	41.868	ug/l	99
4) Vinyl Chloride	2.16	62	88408	44.992	ug/l	100
5) Bromomethane	2.50	94	68945	53.003	ug/l	100
6) Chloroethane	2.65	64	71388	55.223	ug/l	98
7) Trichlorofluoromethane	2.97	101	185261	52.873	ug/l	98
8) Diethyl Ether	3.37	74	51533	51.375	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	79216	56.165	ug/l	99
10) Methyl Iodide	3.91	142	94824	55.835	ug/l	98
11) Tert butyl alcohol	4.74	59	86441	205.708	ug/l	99
12) 1,1-Dichloroethene	3.69	96	71116	53.954	ug/l	99
13) Acrolein	3.56	56	113980	447.990	ug/l	99
14) Allyl chloride	4.27	41	122455	45.113	ug/l	98
15) Acrylonitrile	4.93	53	215713	221.326	ug/l	99
16) Acetone	3.77	43	250990	270.923	ug/l	98
17) Carbon Disulfide	4.00	76	181603	48.415	ug/l	98
18) Methyl Acetate	4.27	43	106614	48.625	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	284339	47.336	ug/l	100
20) Methylene Chloride	4.50	84	84741	49.982	ug/l	97
21) trans-1,2-Dichloroethene	4.98	96	69822	45.003	ug/l	96
22) Diisopropyl ether	5.90	45	263080	45.528	ug/l	98
23) Vinyl Acetate	5.84	43	922738	209.943	ug/l	97
24) 1,1-Dichloroethane	5.80	63	149775	44.230	ug/l	99
25) 2-Butanone	6.79	43	295175	224.963	ug/l	98
26) 2,2-Dichloropropane	6.77	77	146092	46.803	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	85581	45.982	ug/l	97
28) Bromochloromethane	7.15	49	71395	43.685	ug/l	94
29) Tetrahydrofuran	7.17	42	184431	216.359	ug/l	97
30) Chloroform	7.33	83	165712	46.047	ug/l	99
31) Cyclohexane	7.61	56	134199	43.172	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	150644	46.819	ug/l	99
36) 1,1-Dichloropropene	7.75	75	109710	48.409	ug/l	97
37) Ethyl Acetate	6.88	43	106493	44.983	ug/l	99
38) Carbon Tetrachloride	7.73	117	132239	49.336	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	139351	51.093	ug/l	99
40) Benzene	8.00	78	325205	48.088	ug/l	99
41) Methacrylonitrile	7.12	41	51521	48.228	ug/l #	74
42) 1,2-Dichloroethane	8.08	62	139701	48.535	ug/l	100
43) Isopropyl Acetate	8.13	43	176045	44.583	ug/l	97
44) Trichloroethene	8.80	130	80981	49.150	ug/l	96
45) 1,2-Dichloropropane	9.08	63	89923	49.129	ug/l	99
46) Dibromomethane	9.17	93	59708	49.787	ug/l	98
47) Bromodichloromethane	9.37	83	138180	51.301	ug/l	98
48) Methyl methacrylate	9.17	41	90712	46.705	ug/l	99
49) 1,4-Dioxane	9.17	88	36305	1008.790	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	607499	237.779	ug/l	98
52) Toluene	10.12	92	214040	51.261	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	149300	50.392	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	151673	50.988	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	88401	49.571	ug/l	96
56) Ethyl methacrylate	10.40	69	138521	51.605	ug/l	98
57) 1,3-Dichloropropane	10.68	76	151533	50.009	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.66	63	179482	236.553	ug/l	99
59) 2-Hexanone	10.72	43	457890	240.261	ug/l	99
60) Dibromochloromethane	10.87	129	106877	52.517	ug/l	100
61) 1,2-Dibromoethane	10.98	107	90606	51.489	ug/l	98
64) Tetrachloroethene	10.60	164	70792	49.000	ug/l	98
65) Chlorobenzene	11.41	112	232846	49.746	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	97395	51.816	ug/l	98
67) Ethyl Benzene	11.48	91	428820	51.196	ug/l	97
68) m/p-Xylenes	11.60	106	322797	106.166	ug/l	98
69) o-Xylene	11.92	106	153035	53.709	ug/l	98
70) Styrene	11.94	104	278959	55.698	ug/l	98
71) Bromoform	12.10	173	76453	49.713	ug/l #	99
73) Isopropylbenzene	12.22	105	433265	49.651	ug/l	99
74) N-amyl acetate	12.05	43	164500	46.518	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	137274	44.687	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	189562	60.653	ug/l #	100
77) Bromobenzene	12.50	156	103525	47.747	ug/l	94
78) n-propylbenzene	12.57	91	515915	50.366	ug/l	99
79) 2-Chlorotoluene	12.65	91	312290	48.617	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	396536	52.380	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	49583	48.431	ug/l	98
82) 4-Chlorotoluene	12.75	91	328074	49.561	ug/l	99
83) tert-Butylbenzene	12.97	119	324923	50.723	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	387069	53.444	ug/l	100
85) sec-Butylbenzene	13.15	105	434933	51.703	ug/l	100
86) p-Isopropyltoluene	13.26	119	394379	52.816	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	194124	50.117	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	188049	48.404	ug/l	99
89) n-Butylbenzene	13.59	91	315739	49.997	ug/l	99
90) Hexachloroethane	13.85	117	75546	46.937	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	183565	50.549	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.25	75	30935	46.908	ug/l	95

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Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:26:42 2020
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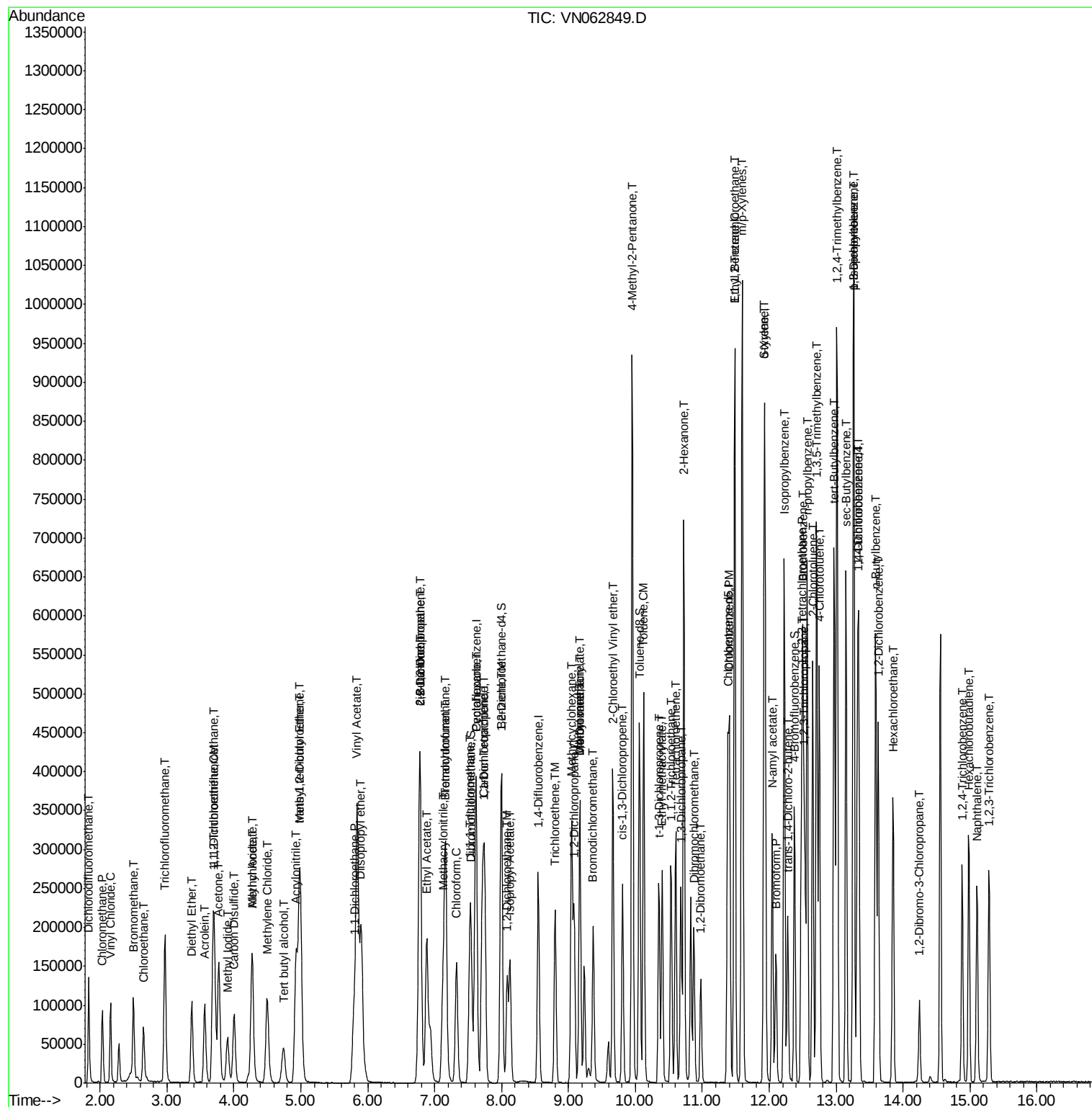
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	85217	44.114	ug/l	98
94) Hexachlorobutadiene	14.98	225	62551	54.877	ug/l	99
95) Naphthalene	15.10	128	215493	41.158	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	89273	46.638	ug/l	99

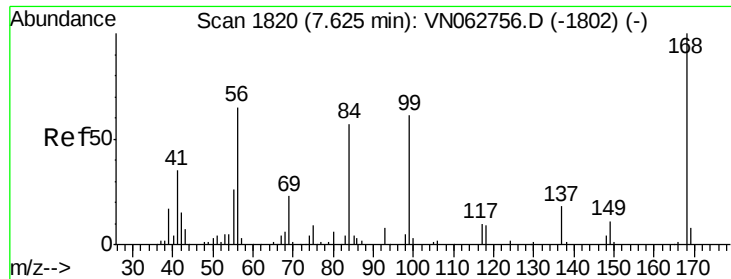
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081220\
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN062849.D

Acq: 12 Aug 2020 11:00

Instrument :

MSVOA_N

ClientSampleId :

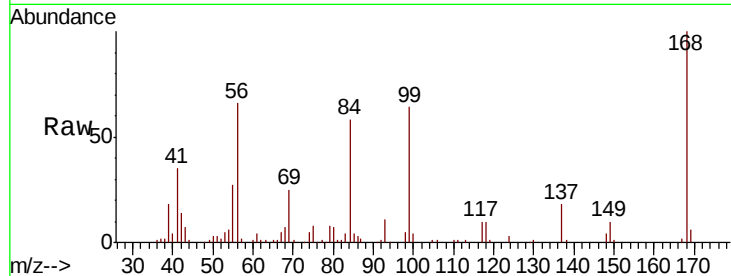
VSTDCCC050

Tot Ion:168 Resp: 155040

Ion Ratio Lower Upper

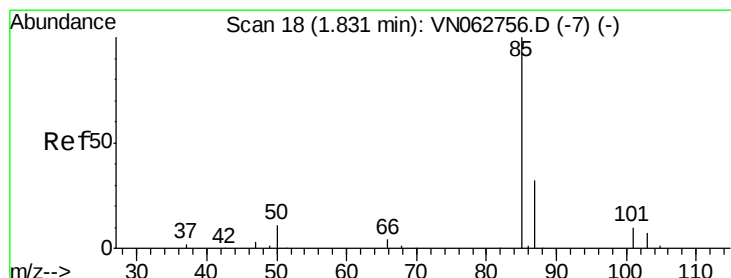
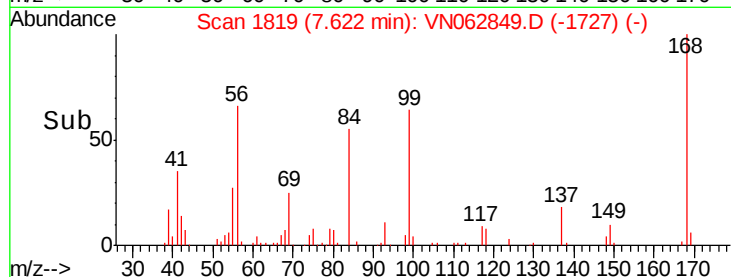
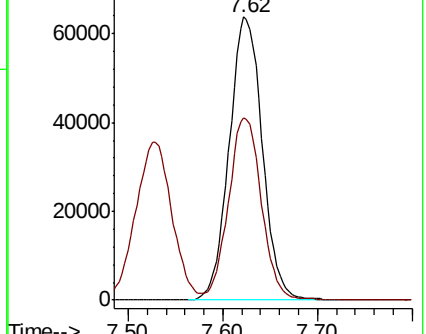
168 100

99 63.9 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 47.977 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062849.D

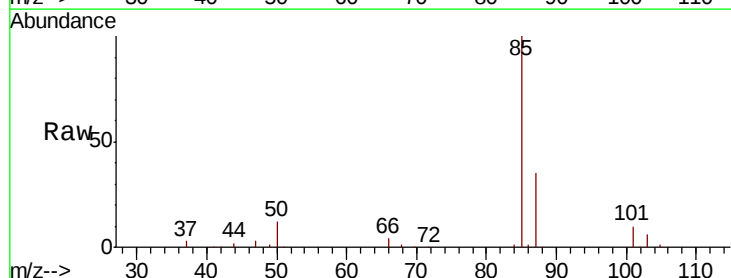
Acq: 12 Aug 2020 11:00

Tgt Ion: 85 Resp: 106515

Ion Ratio Lower Upper

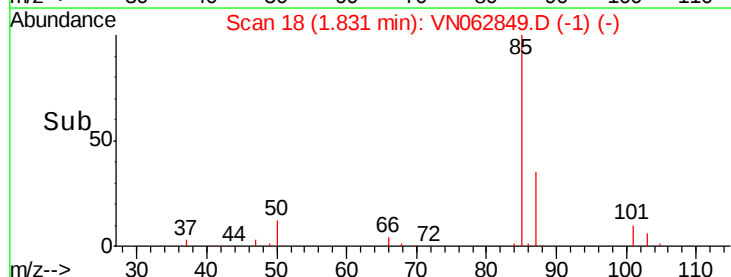
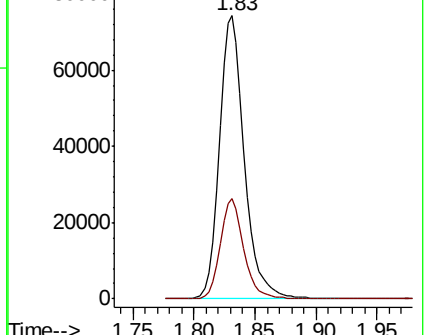
85 100

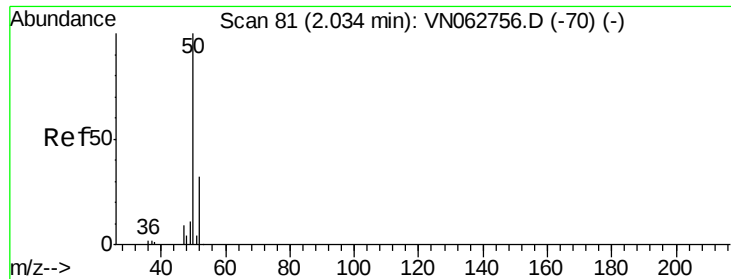
87 35.5 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 41.868 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062849.D

Acq: 12 Aug 2020 11:00

Instrument :

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ClientSampleId :

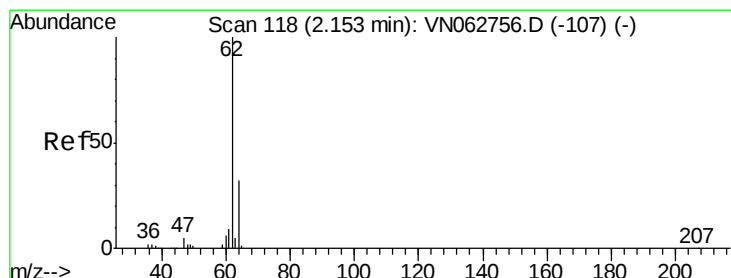
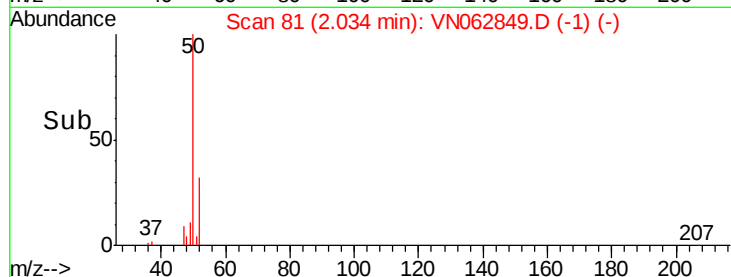
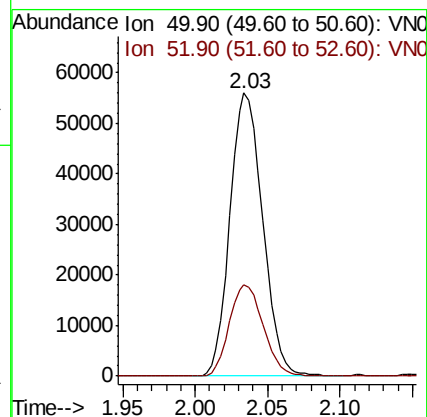
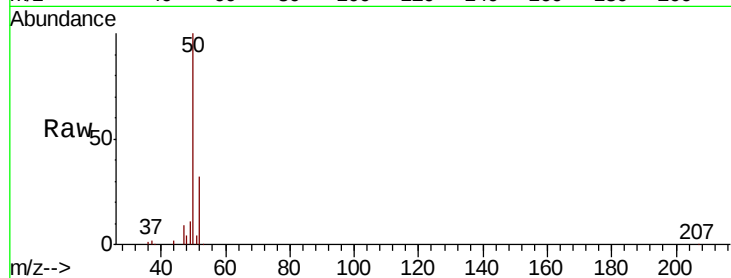
VSTDCCC050

Tot Ion: 50 Resp: 87716

Ion Ratio Lower Upper

50 100

52 32.4 25.6 38.4



#4

Vinyl Chloride

Concen: 44.992 ug/l

RT: 2.16 min Scan# 119

Delta R.T. 0.00 min

Lab File: VN062849.D

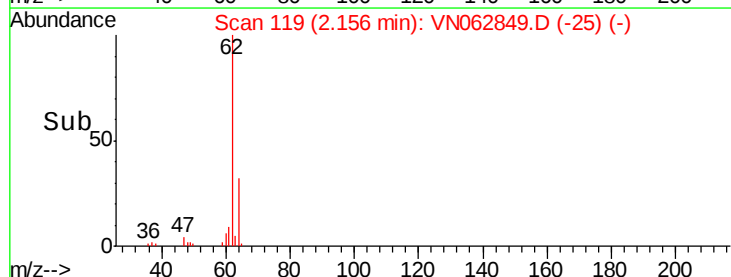
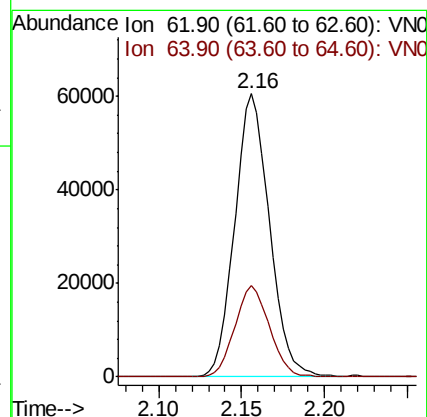
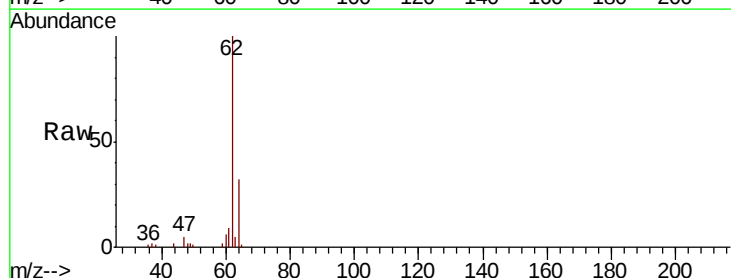
Acq: 12 Aug 2020 11:00

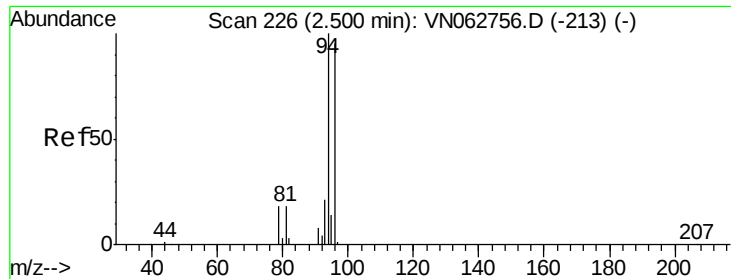
Tgt Ion: 62 Resp: 88408

Ion Ratio Lower Upper

62 100

64 32.2 25.8 38.8





#5

Bromomethane

Concen: 53.003 ug/l

RT: 2.50 min Scan# 226

Delta R.T. -0.00 min

Lab File: VN062849.D

Acq: 12 Aug 2020 11:00

Instrument :

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ClientSampleId :

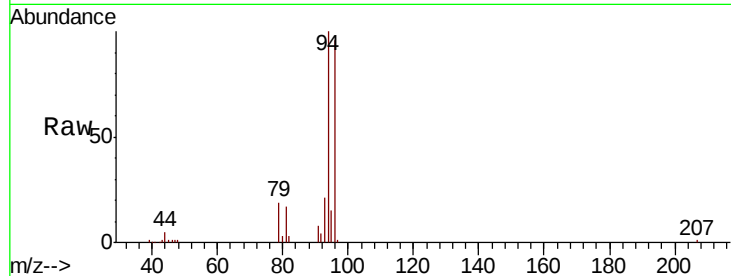
VSTDCCC050

Tot Ion: 94 Resp: 68945

Ion Ratio Lower Upper

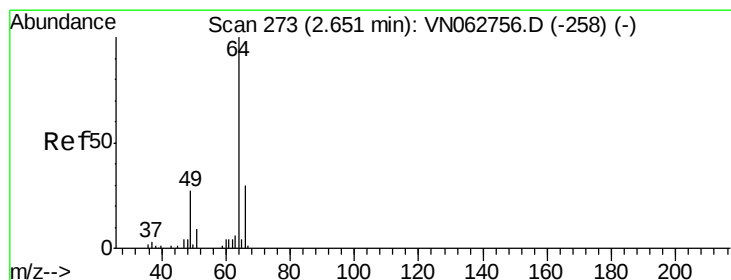
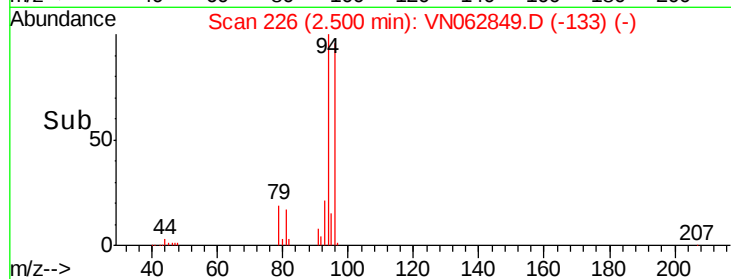
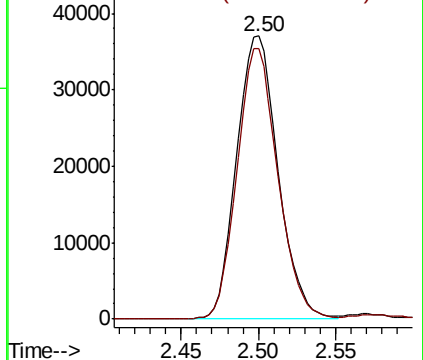
94 100

96 95.6 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 55.223 ug/l

RT: 2.65 min Scan# 273

Delta R.T. -0.00 min

Lab File: VN062849.D

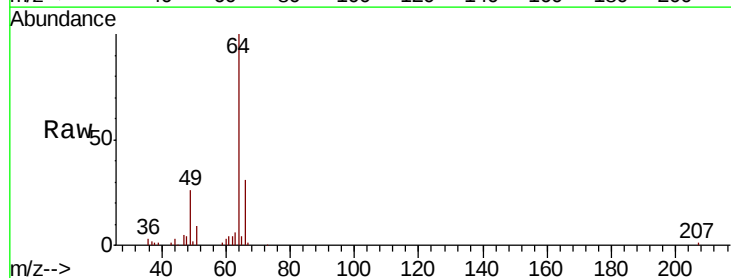
Acq: 12 Aug 2020 11:00

Tgt Ion: 64 Resp: 71388

Ion Ratio Lower Upper

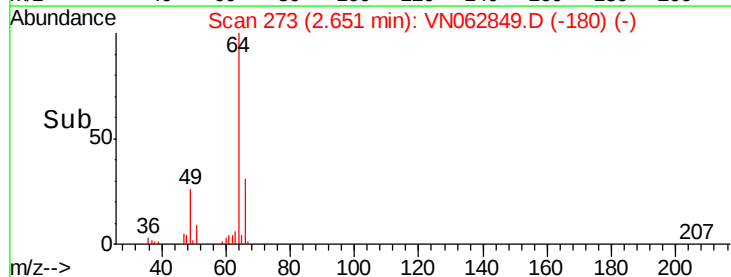
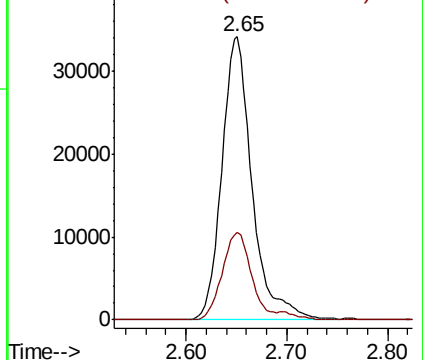
64 100

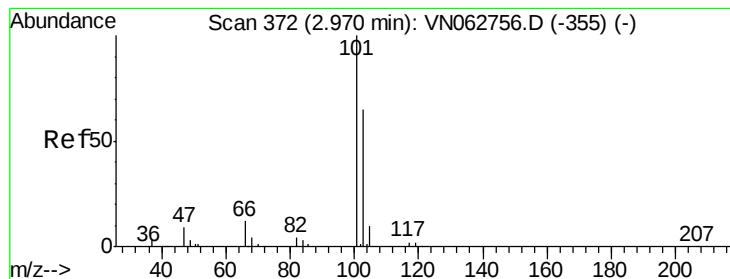
66 31.0 24.0 36.0



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



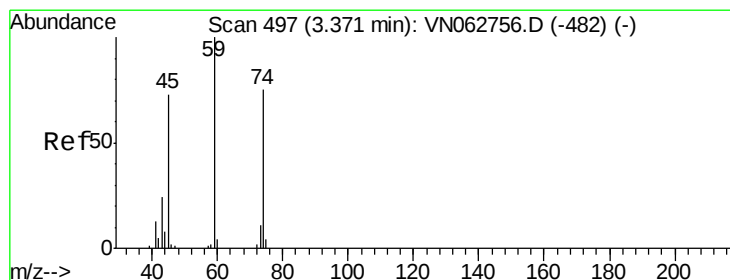
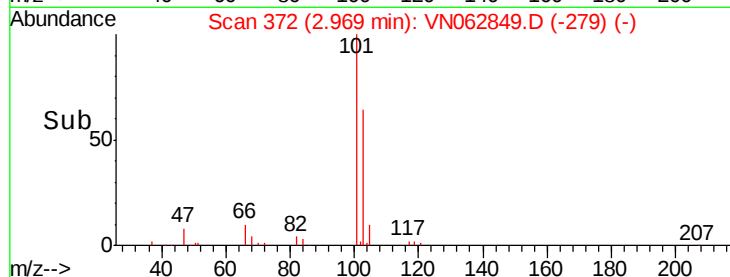
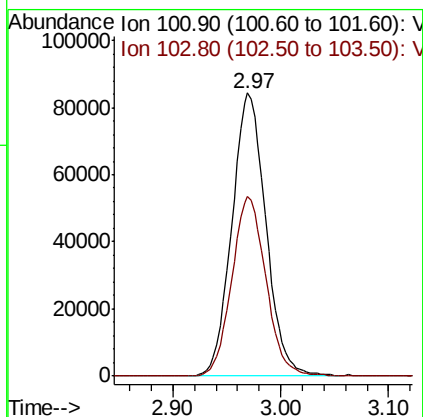
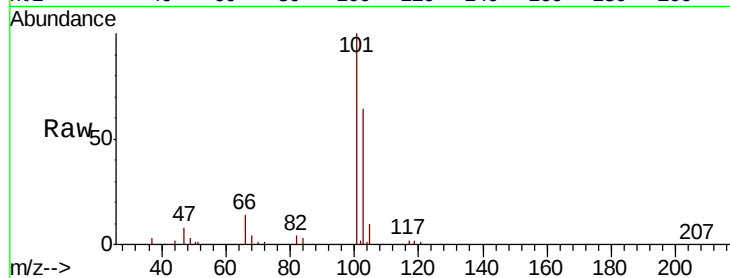


#7

Trichlorofluoromethane
 Concen: 52.873 ug/l
 RT: 2.97 min Scan# 372
 Delta R.T. -0.00 min
 Lab File: VN062849.D
 Acq: 12 Aug 2020 11:00

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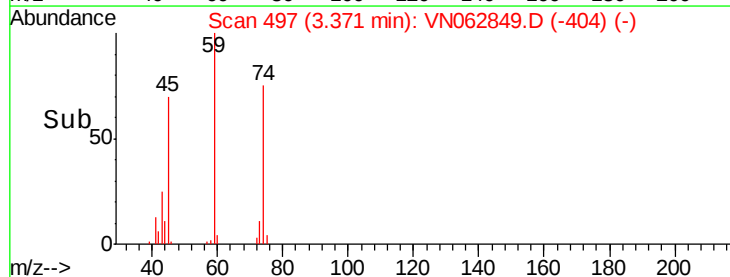
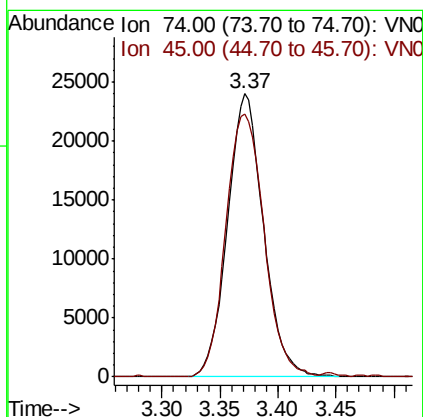
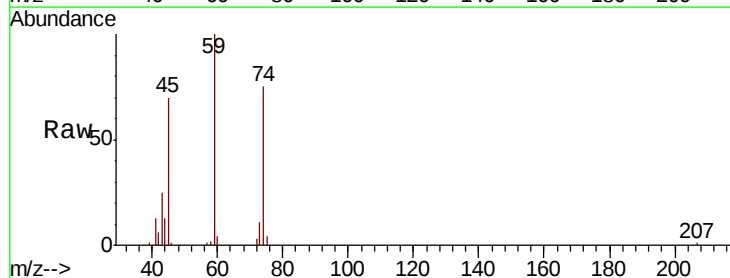
Tot Ion:101 Resp: 185261
 Ion Ratio Lower Upper
 101 100
 103 63.7 52.3 78.5

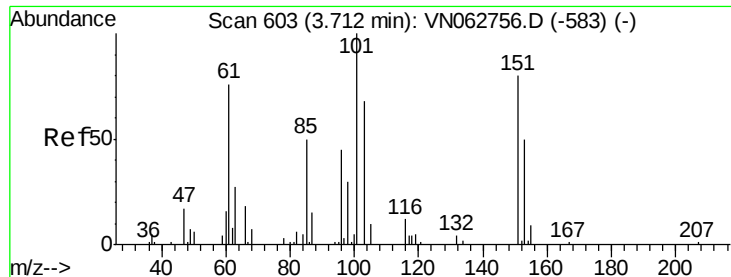


#8

Diethyl Ether
 Concen: 51.375 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN062849.D
 Acq: 12 Aug 2020 11:00

Tgt Ion: 74 Resp: 51533
 Ion Ratio Lower Upper
 74 100
 45 99.0 48.7 146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 56.165 ug/l

RT: 3.71 min Scan# 603

Delta R.T. 0.00 min

Lab File: VN062849.D

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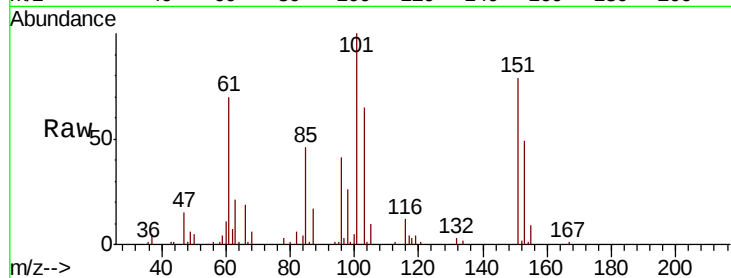
Tot Ion:101 Resp: 79216

Ion Ratio Lower Upper

101 100

85 46.7 38.5 57.7

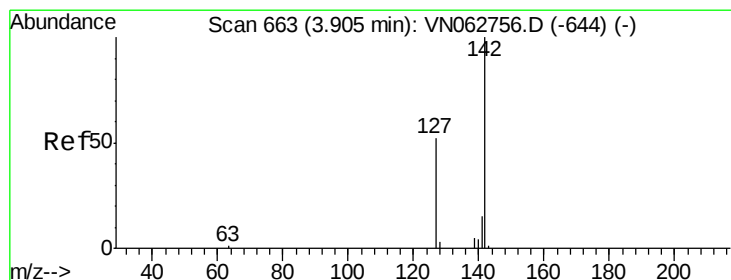
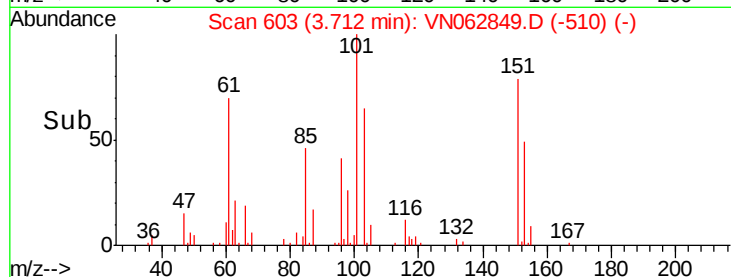
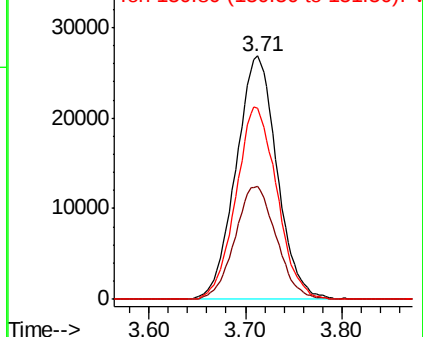
151 78.6 63.0 94.6



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: 55.835 ug/l

RT: 3.91 min Scan# 663

Delta R.T. -0.00 min

Lab File: VN062849.D

Acq: 12 Aug 2020 11:00

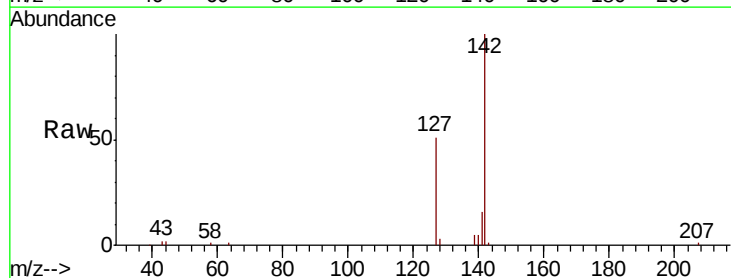
Tgt Ion:142 Resp: 94824

Ion Ratio Lower Upper

142 100

127 50.0 41.4 62.0

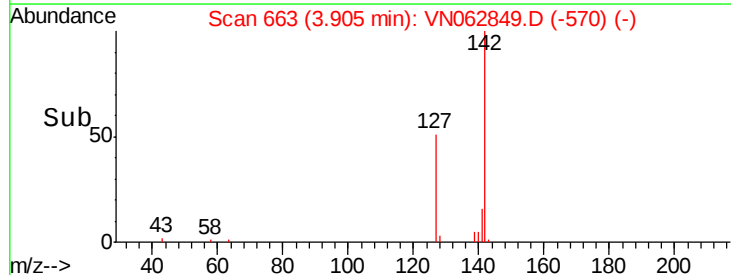
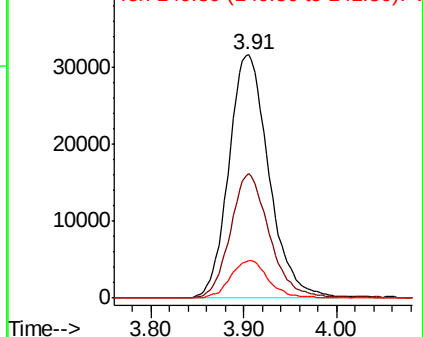
141 14.6 12.2 18.4

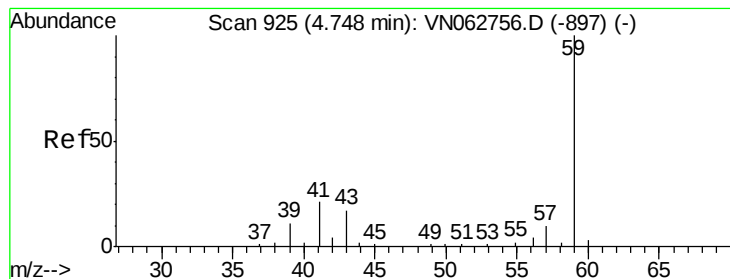


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



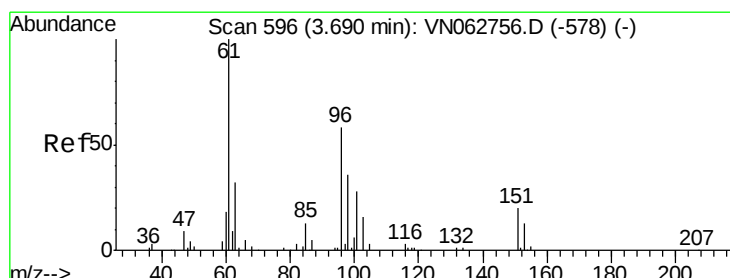
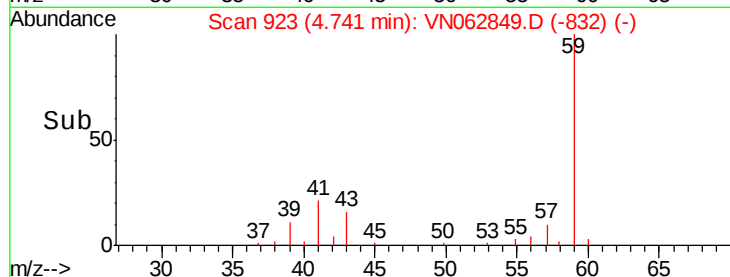
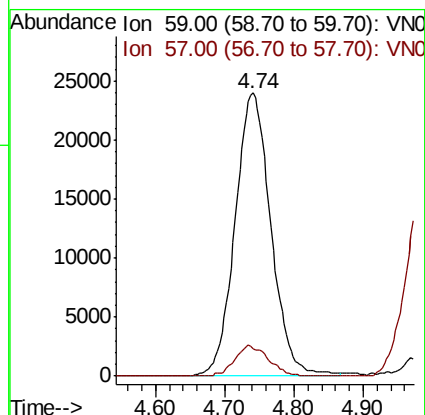
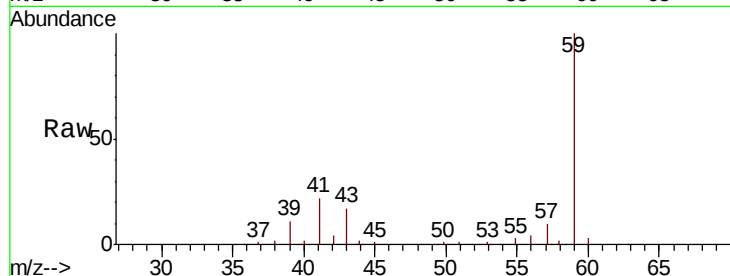


#11

Tert butyl alcohol
 Concen: 205.708 ug/l
 RT: 4.74 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: VN062849.D
 Acq: 12 Aug 2020 11:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

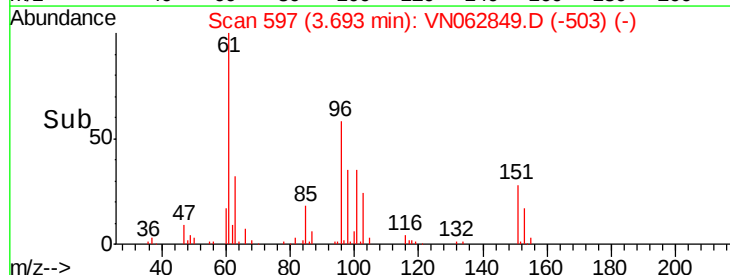
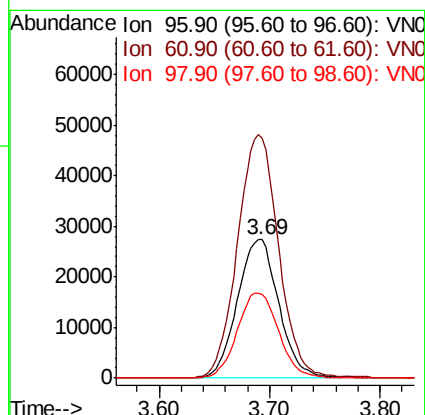
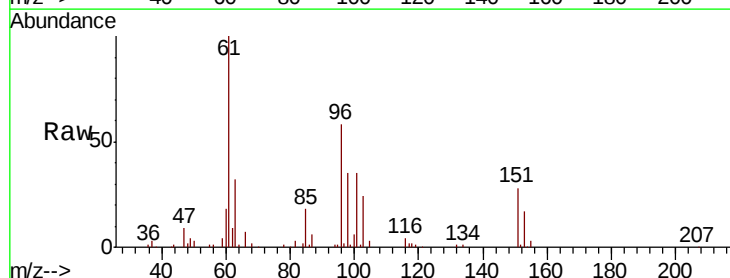
Tot Ion: 59 Resp: 86441
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.3 12.5

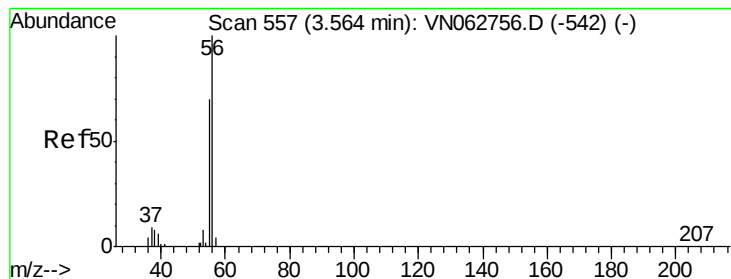


#12

1,1-Dichloroethene
 Concen: 53.954 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. 0.00 min
 Lab File: VN062849.D
 Acq: 12 Aug 2020 11:00

Tgt Ion: 96 Resp: 71116
 Ion Ratio Lower Upper
 96 100
 61 173.5 139.0 208.6
 98 60.8 50.2 75.4





#13

Acrolein

Concen: 447.990 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062849.D

Acq: 12 Aug 2020 11:00

Instrument :

MSVOA_N

ClientSampleId :

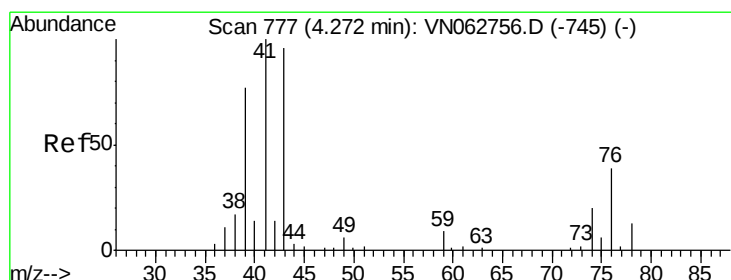
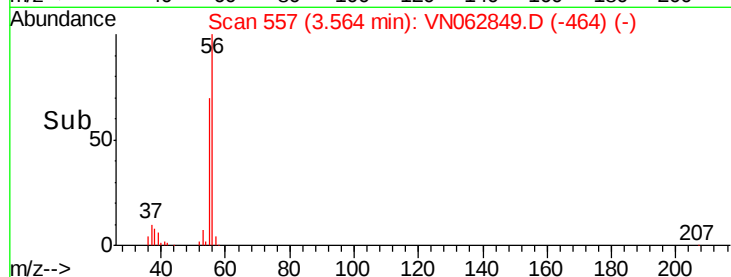
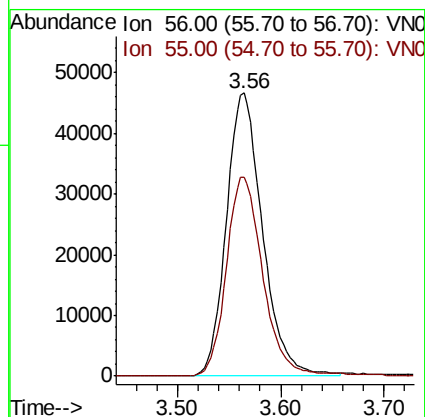
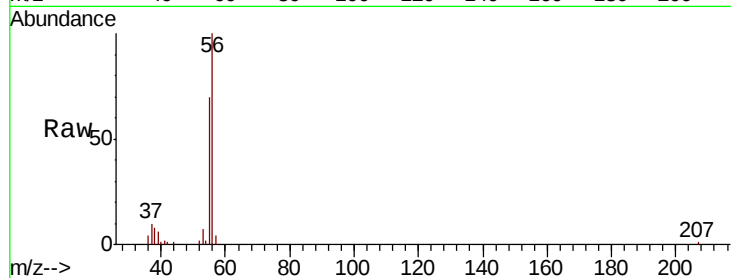
VSTDCCC050

Tot Ion: 56 Resp: 113980

Ion Ratio Lower Upper

56 100

55 70.3 57.0 85.6



#14

Allyl chloride

Concen: 45.113 ug/l

RT: 4.27 min Scan# 776

Delta R.T. -0.00 min

Lab File: VN062849.D

Acq: 12 Aug 2020 11:00

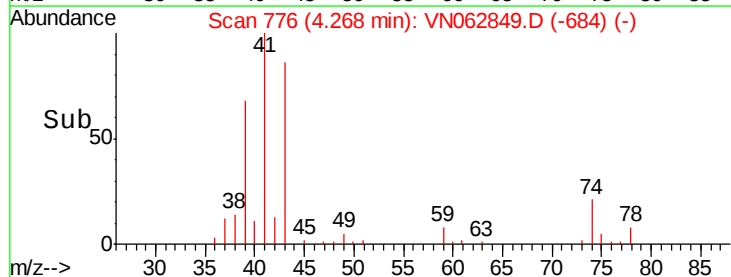
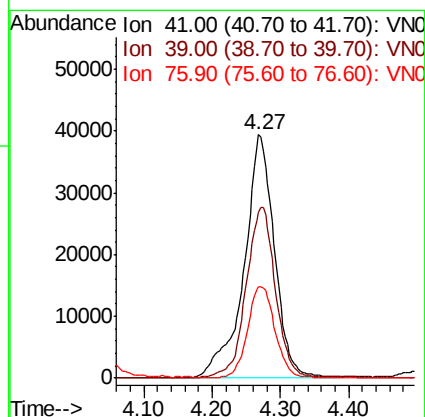
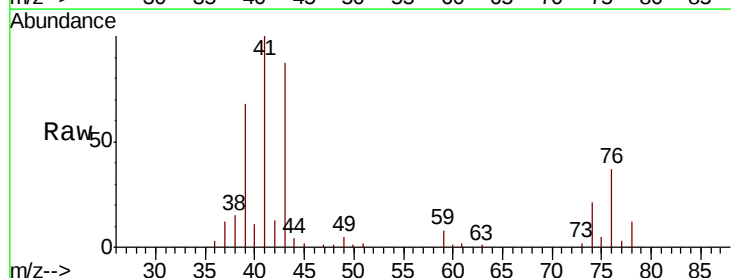
Tgt Ion: 41 Resp: 122455

Ion Ratio Lower Upper

41 100

39 67.3 55.7 83.5

76 33.8 27.5 41.3





#15

Acrylonitrile

Concen: 221.326 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN062849.D

Acq: 12 Aug 2020 11:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

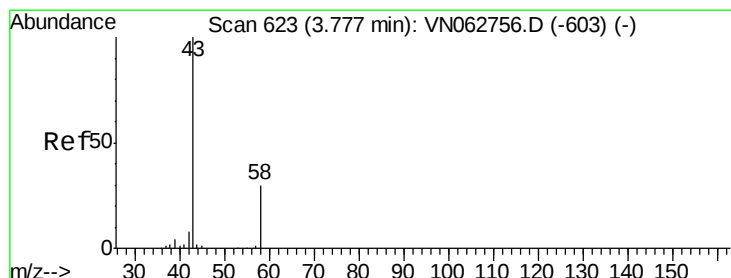
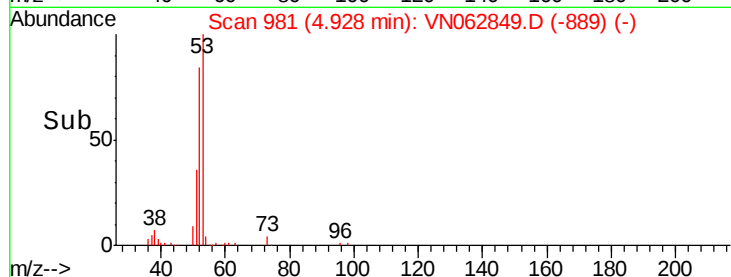
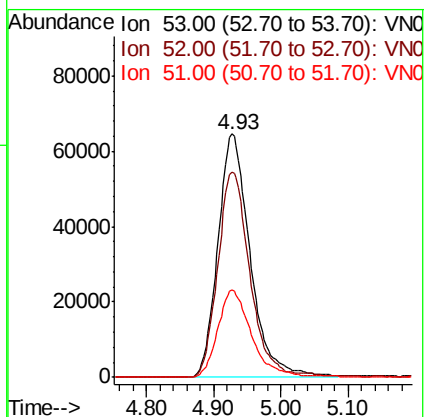
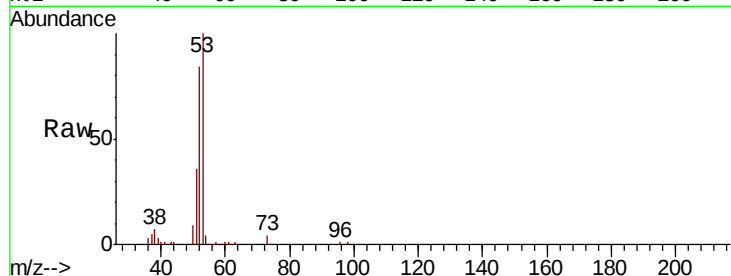
Tot Ion: 53 Resp: 215713

Ion Ratio Lower Upper

53 100

52 84.7 66.8 100.2

51 37.1 29.5 44.3



#16

Acetone

Concen: 270.923 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.00 min

Lab File: VN062849.D

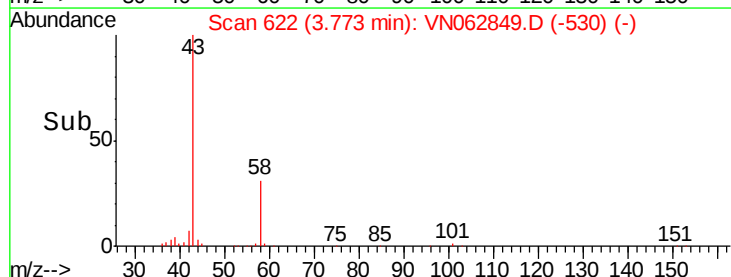
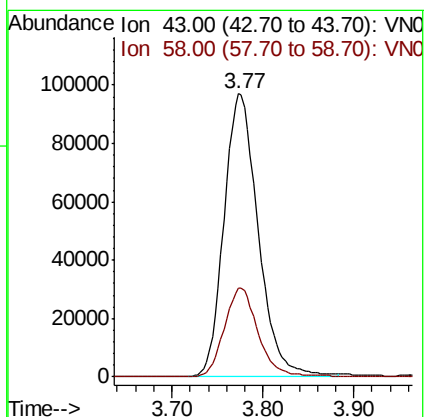
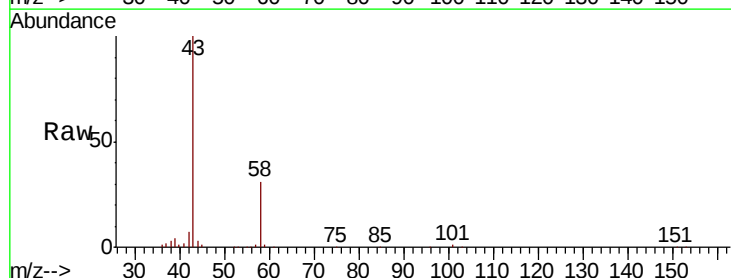
Acq: 12 Aug 2020 11:00

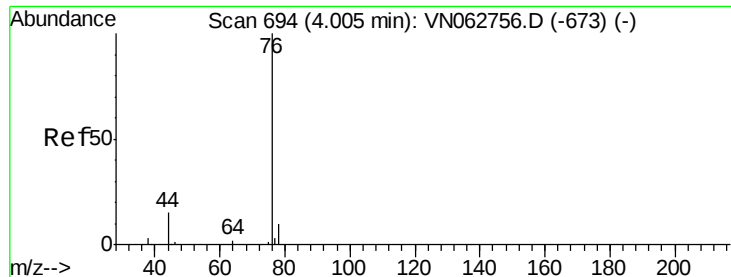
Tgt Ion: 43 Resp: 250990

Ion Ratio Lower Upper

43 100

58 31.1 24.1 36.1

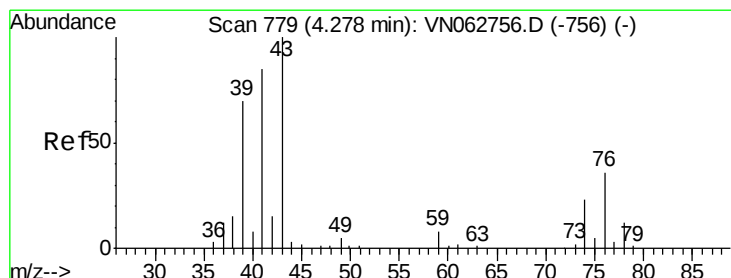
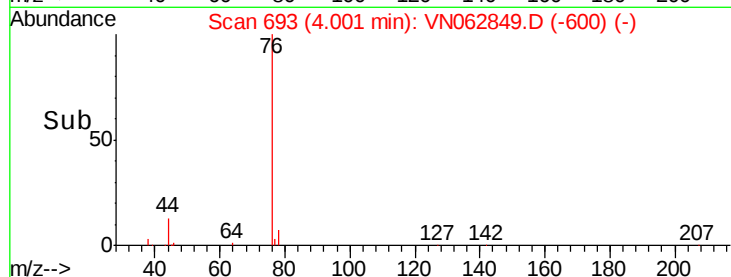
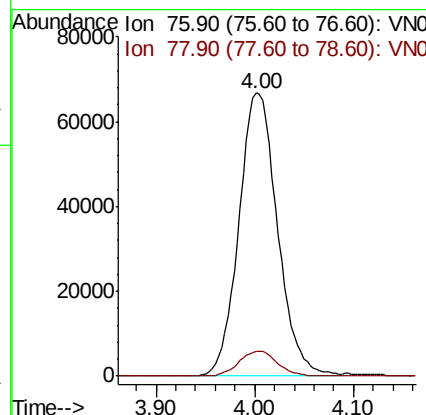
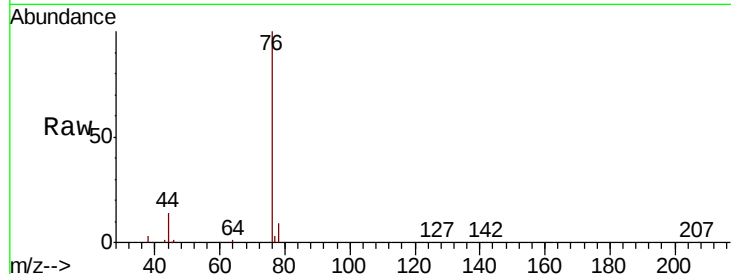




#17
Carbon Disulfide
Concen: 48.415 ug/l
RT: 4.00 min Scan# 693
Delta R.T. -0.00 min
Lab File: VN062849.D
Acq: 12 Aug 2020 11:00

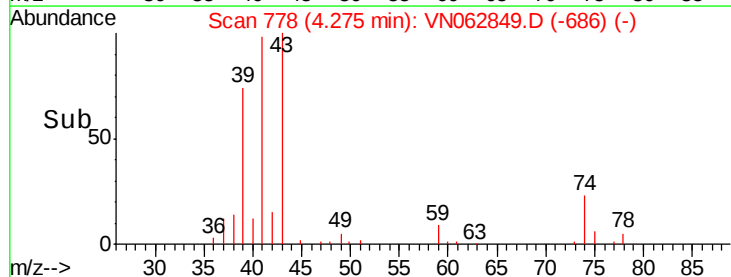
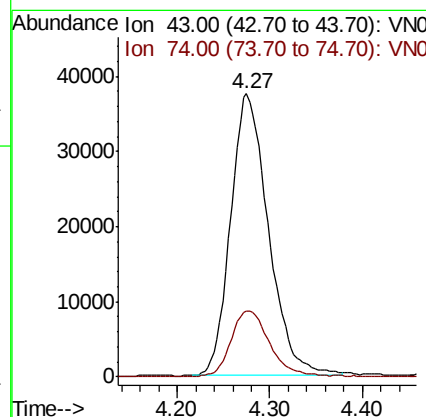
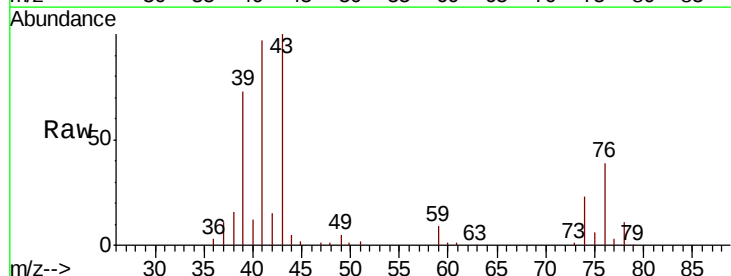
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

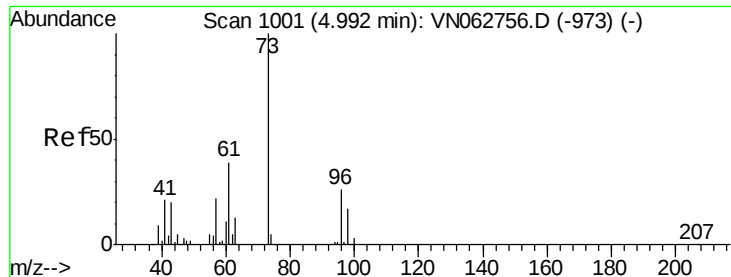
Tot Ion: 76 Resp: 181603
Ion Ratio Lower Upper
76 100
78 8.7 7.7 11.5



#18
Methyl Acetate
Concen: 48.625 ug/l
RT: 4.27 min Scan# 778
Delta R.T. -0.00 min
Lab File: VN062849.D
Acq: 12 Aug 2020 11:00

Tgt Ion: 43 Resp: 106614
Ion Ratio Lower Upper
43 100
74 24.0 18.6 28.0

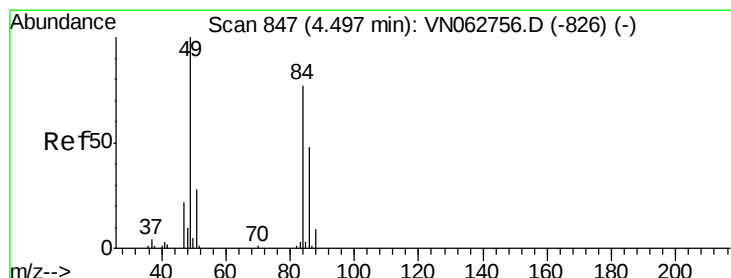
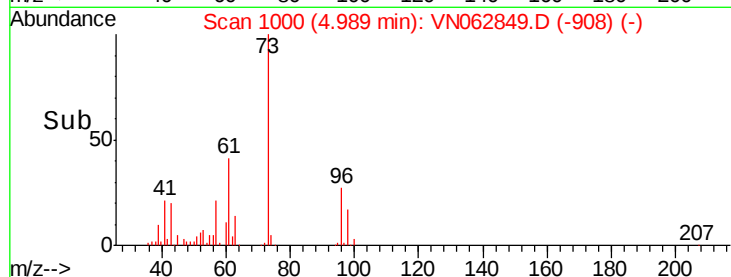
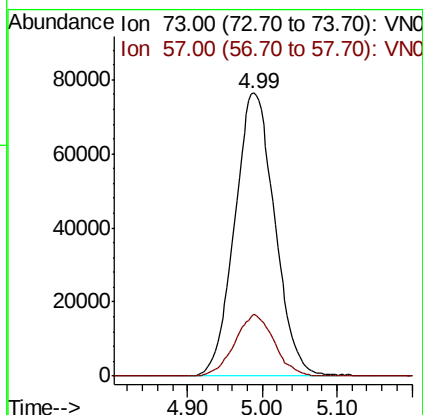
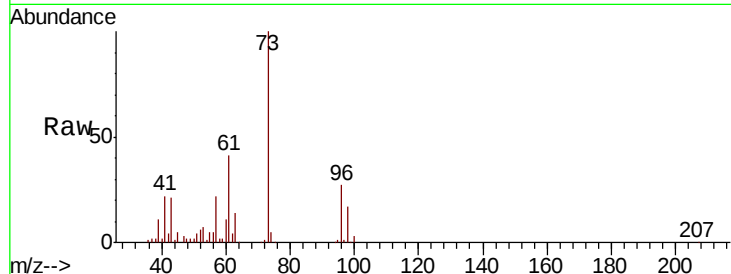




#19
Methyl tert-butyl Ether
Concen: 47.336 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN062849.D
Acq: 12 Aug 2020 11:00

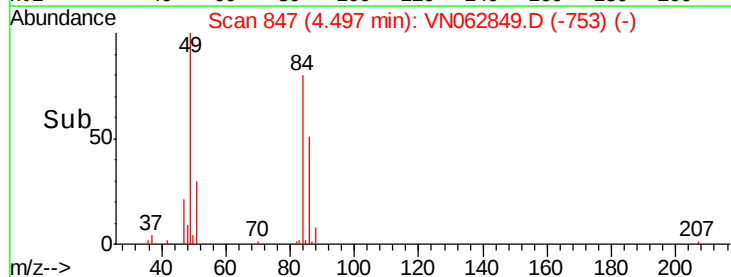
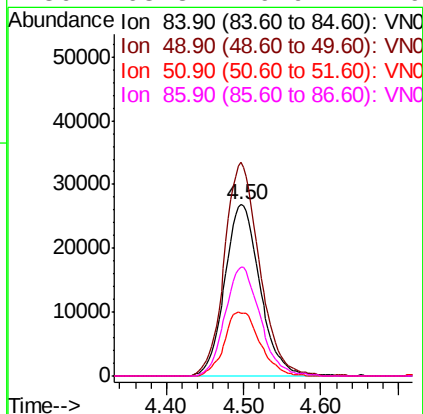
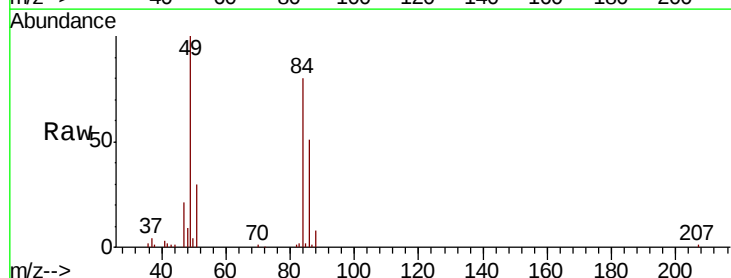
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

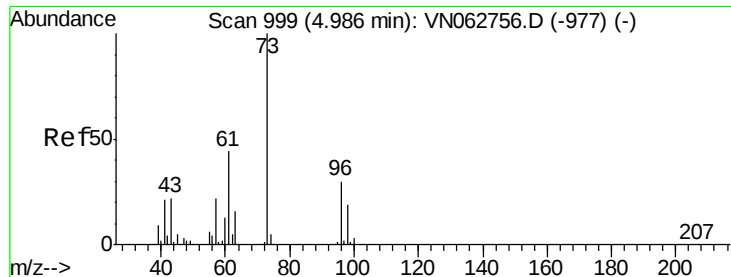
Tot Ion: 73 Resp: 284339
Ion Ratio Lower Upper
73 100
57 21.9 17.5 26.3



#20
Methylene Chloride
Concen: 49.982 ug/l
RT: 4.50 min Scan# 847
Delta R.T. 0.00 min
Lab File: VN062849.D
Acq: 12 Aug 2020 11:00

Tgt Ion: 84 Resp: 84741
Ion Ratio Lower Upper
84 100
49 124.7 103.4 155.2
51 36.9 29.3 43.9
86 63.3 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 45.003 ug/l

RT: 4.98 min Scan# 997

Delta R.T. -0.01 min

Lab File: VN062849.D

Acq: 12 Aug 2020 11:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

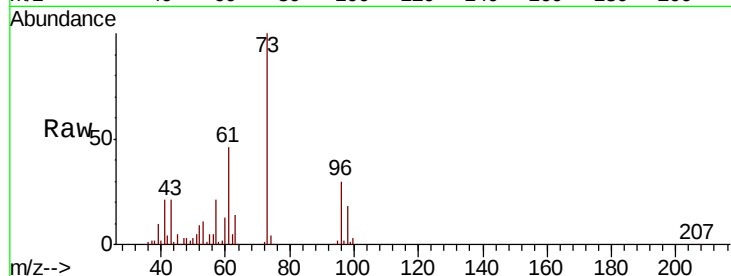
Tot Ion: 96 Resp: 69822

Ion Ratio Lower Upper

96 100

61 153.6 118.8 178.2

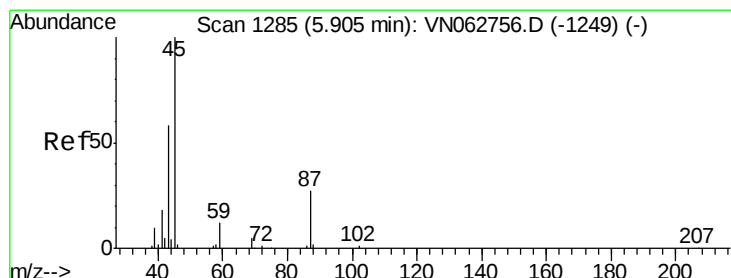
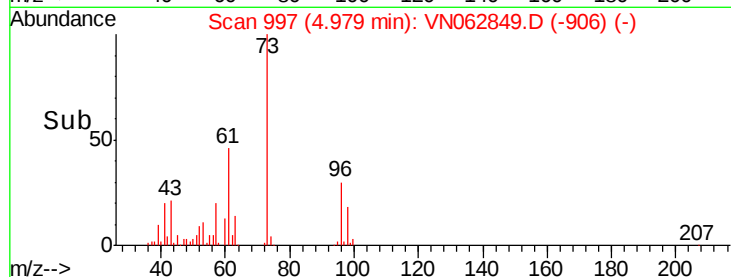
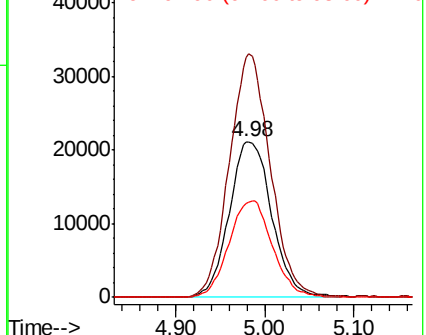
98 59.9 51.0 76.4



Abundance Ion 95.90 (95.60 to 96.60): VN062756.D (-977) (-)

Ion 60.90 (60.60 to 61.60): VN062756.D (-977) (-)

Ion 97.90 (97.60 to 98.60): VN062756.D (-977) (-)



#22

Diisopropyl ether

Concen: 45.528 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. -0.01 min

Lab File: VN062849.D

Acq: 12 Aug 2020 11:00

Tgt Ion: 45 Resp: 263080

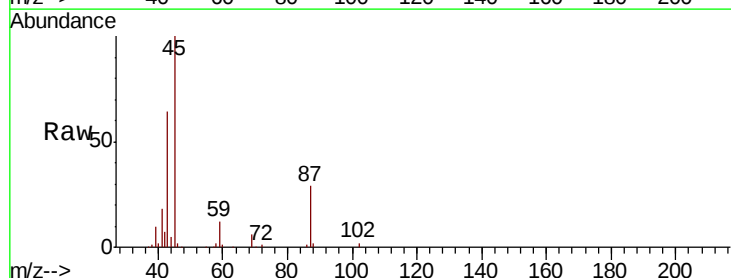
Ion Ratio Lower Upper

45 100

43 61.9 47.4 71.2

87 28.8 22.8 34.2

59 11.7 9.9 14.9

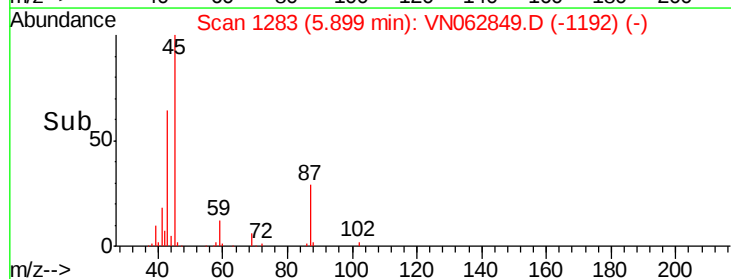
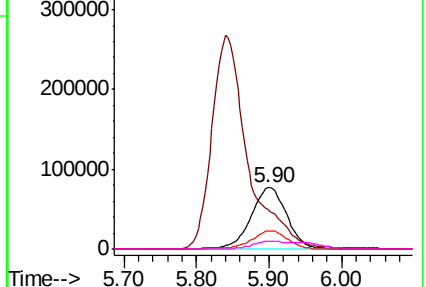


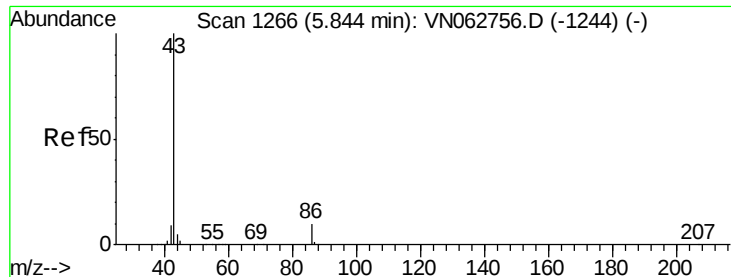
Abundance Ion 45.00 (44.70 to 45.70): VN062756.D (-1249) (-)

Ion 43.00 (42.70 to 43.70): VN062756.D (-1249) (-)

Ion 87.00 (86.70 to 87.70): VN062756.D (-1249) (-)

Ion 59.00 (58.70 to 59.70): VN062756.D (-1249) (-)





#23

Vinyl Acetate

Concen: 209.943 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN062849.D

Acq: 12 Aug 2020 11:00

Instrument :

MSVOA_N

ClientSampleId :

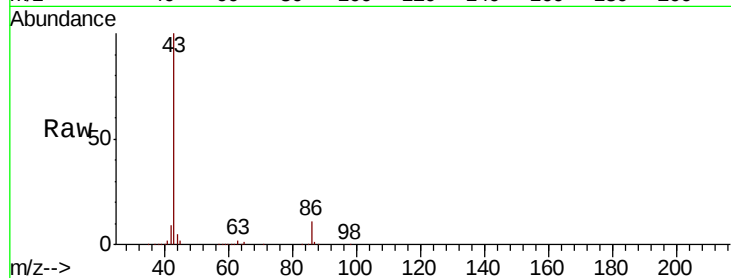
VSTDCCC050

Tot Ion: 43 Resp: 922738

Ion Ratio Lower Upper

43 100

86 10.7 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VN062756.D (-1244) (-)

Ion 86.00 (85.70 to 86.70): VN062756.D (-1244) (-)

5.84

300000

250000

200000

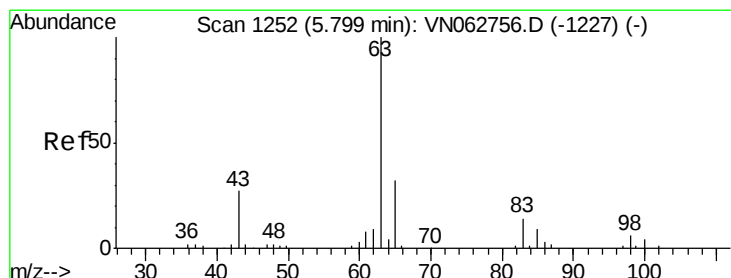
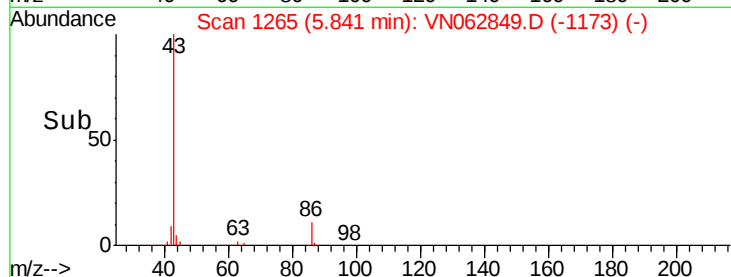
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 44.230 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062849.D

Acq: 12 Aug 2020 11:00

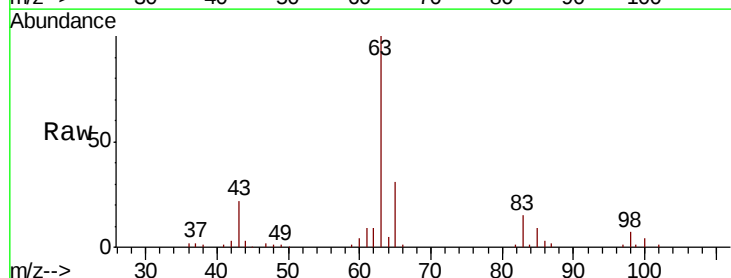
Tgt Ion: 63 Resp: 149775

Ion Ratio Lower Upper

63 100

98 6.5 3.0 9.2

100 3.9 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VN062756.D (-1227) (-)

Ion 97.90 (97.60 to 98.60): VN062756.D (-1227) (-)

Ion 99.90 (99.60 to 100.60): VN062756.D (-1227) (-)

5.80

60000

50000

40000

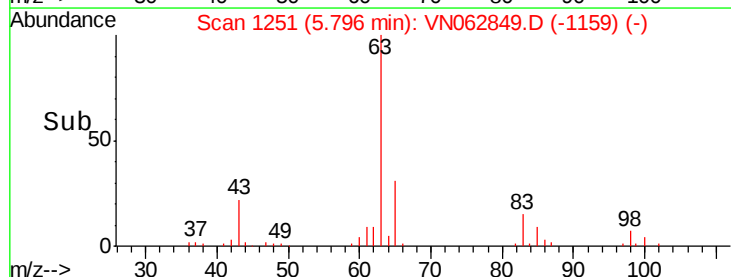
30000

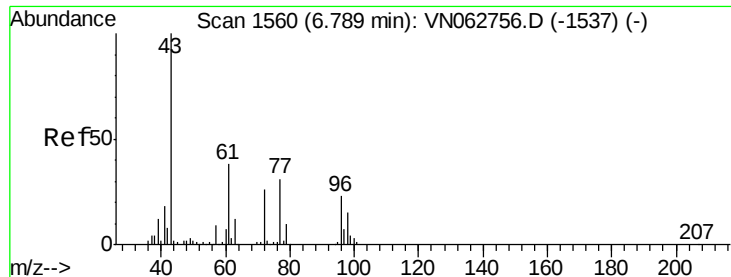
20000

10000

0

Time-->

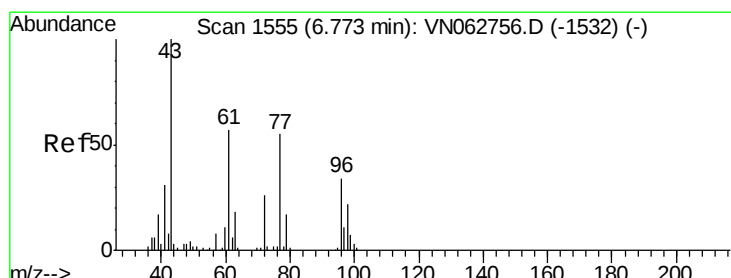
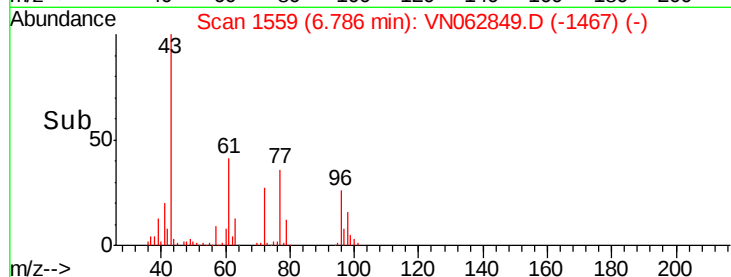
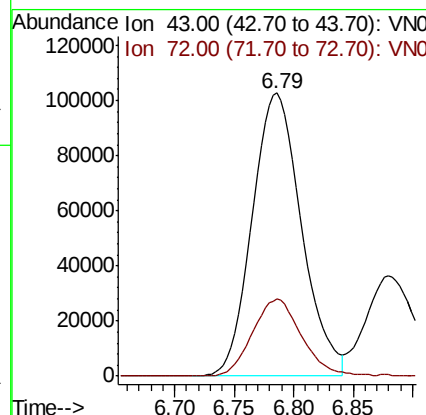
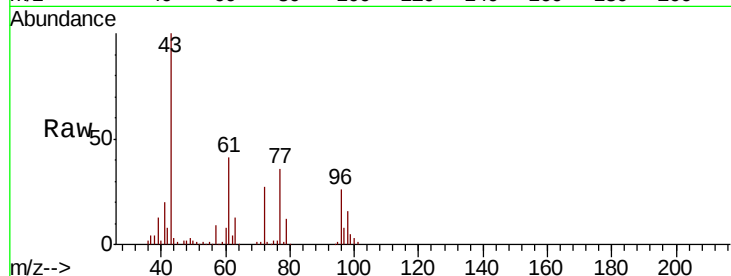




#25
 2-Butanone
 Concen: 224.963 ug/l
 RT: 6.79 min Scan# 1559
 Delta R.T. -0.00 min
 Lab File: VN062849.D
 Acq: 12 Aug 2020 11:00

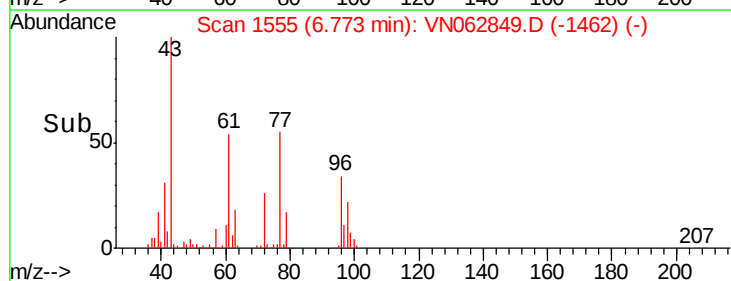
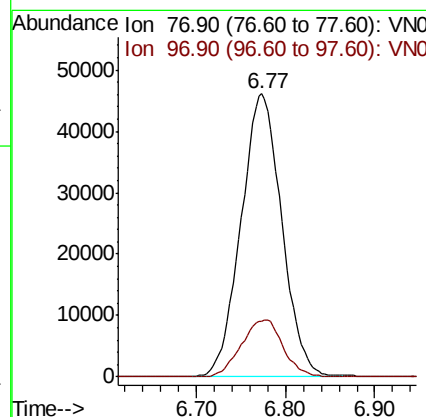
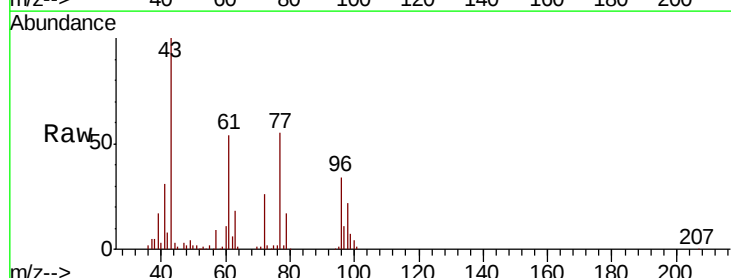
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

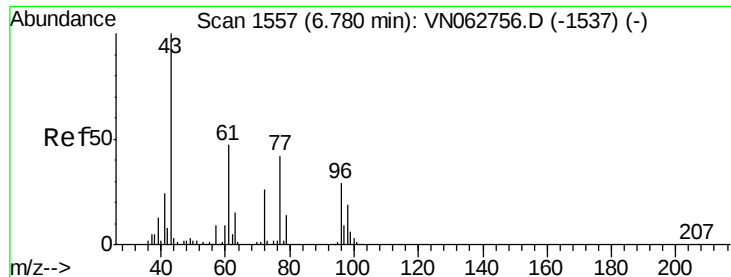
Tot Ion: 43 Resp: 295175
 Ion Ratio Lower Upper
 43 100
 72 27.2 21.1 31.7



#26
 2,2-Dichloropropane
 Concen: 46.803 ug/l
 RT: 6.77 min Scan# 1555
 Delta R.T. -0.00 min
 Lab File: VN062849.D
 Acq: 12 Aug 2020 11:00

Tgt Ion: 77 Resp: 146092
 Ion Ratio Lower Upper
 77 100
 97 20.6 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 45.982 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.00 min

Lab File: VN062849.D

Acq: 12 Aug 2020 11:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

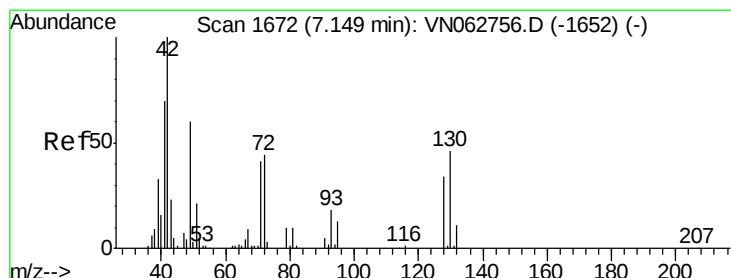
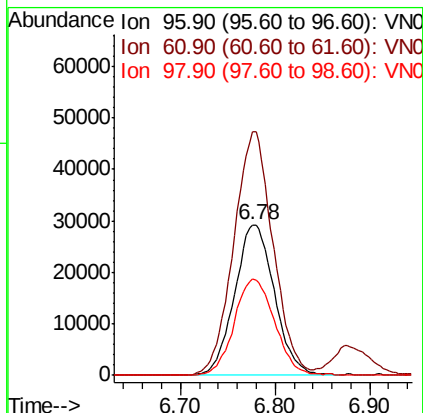
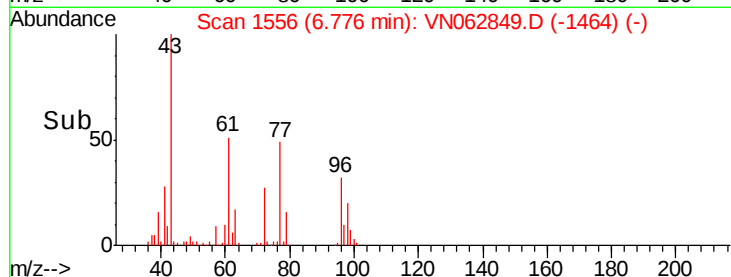
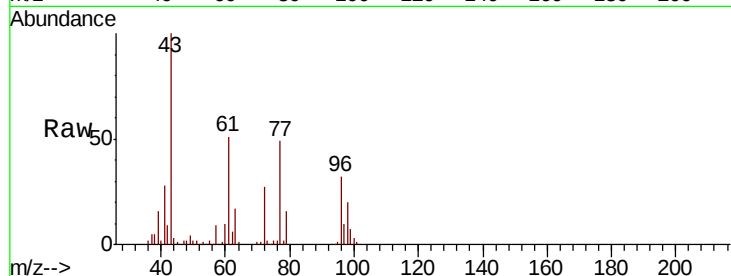
Tot Ion: 96 Resp: 85581

Ion Ratio Lower Upper

96 100

61 159.9 0.0 332.2

98 64.7 0.0 129.4



#28

Bromochloromethane

Concen: 43.685 ug/l

RT: 7.15 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VN062849.D

Acq: 12 Aug 2020 11:00

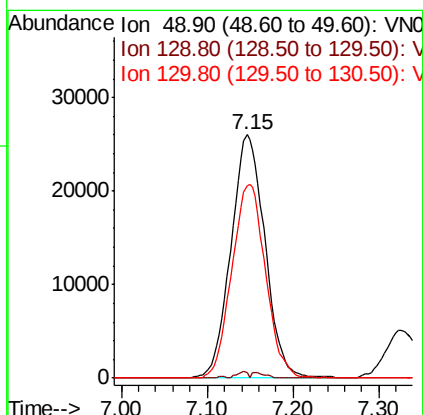
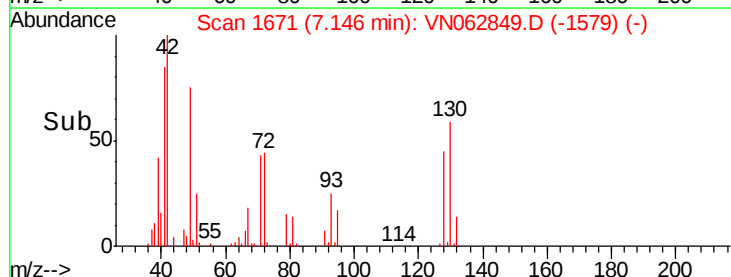
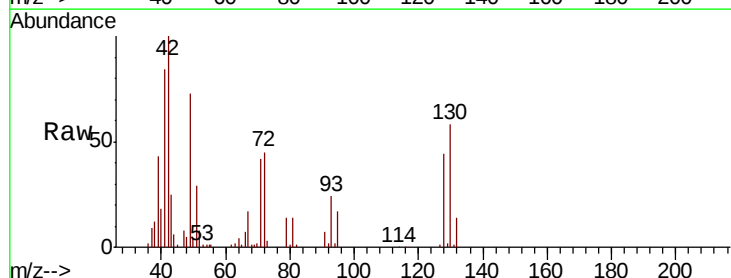
Tgt Ion: 49 Resp: 71395

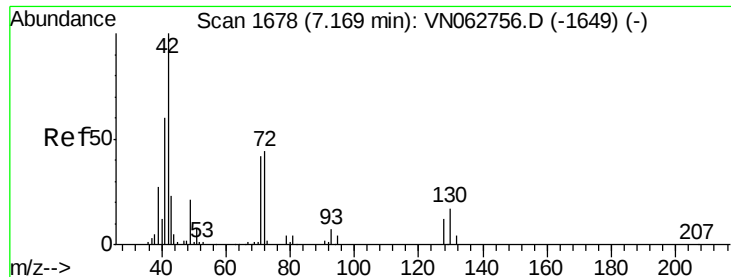
Ion Ratio Lower Upper

49 100

129 0.8 0.0 3.2

130 78.7 59.0 88.6

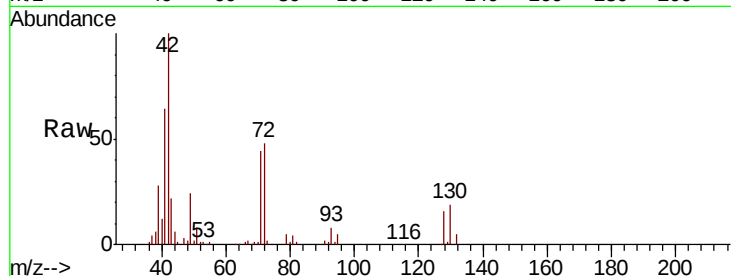




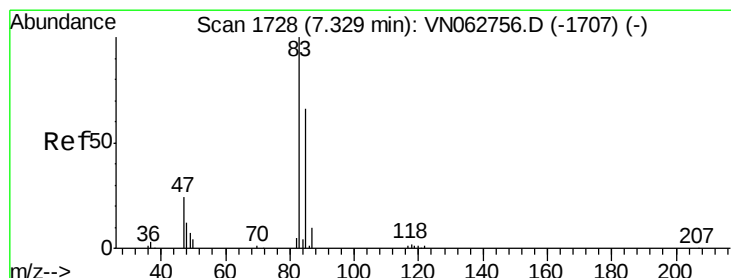
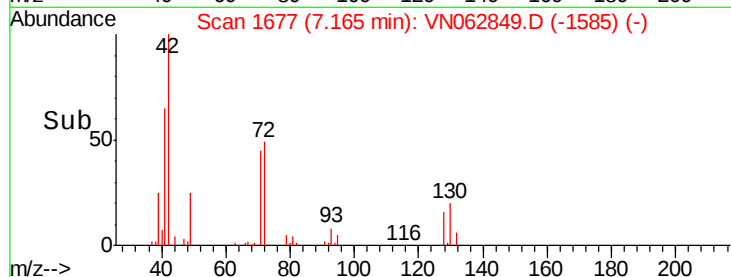
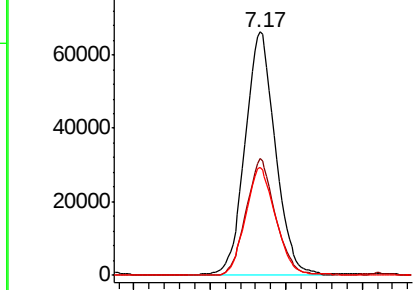
#29
Tetrahydrofuran
Concen: 216.359 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062849.D
Acq: 12 Aug 2020 11:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 42 Resp: 184431
Ion Ratio Lower Upper
42 100
72 46.1 35.0 52.4
71 43.5 33.2 49.8

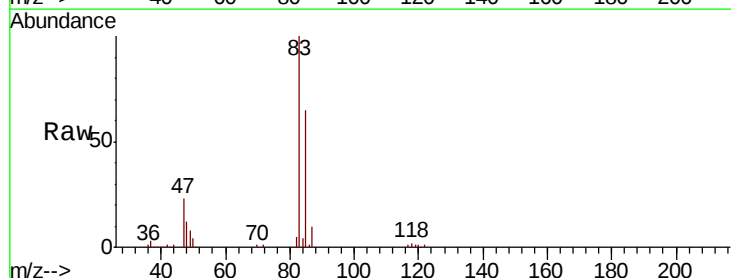


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

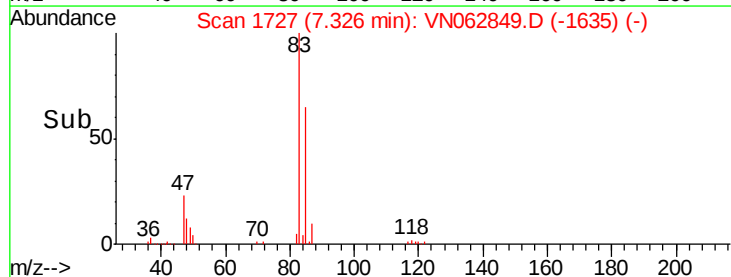
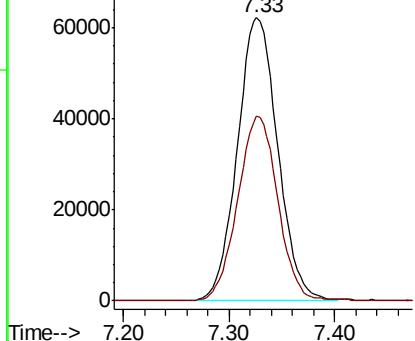


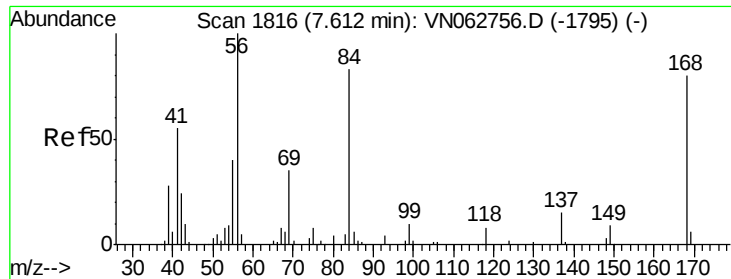
#30
Chloroform
Concen: 46.047 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062849.D
Acq: 12 Aug 2020 11:00

Tgt Ion: 83 Resp: 165712
Ion Ratio Lower Upper
83 100
85 65.3 52.7 79.1



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

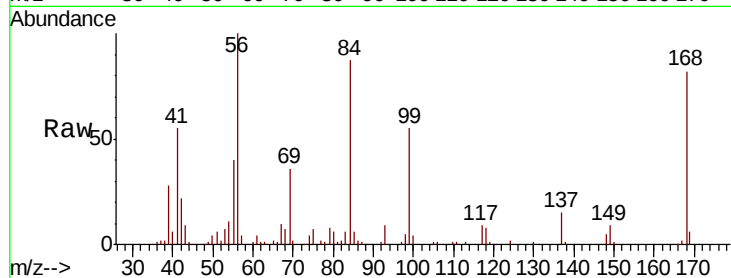




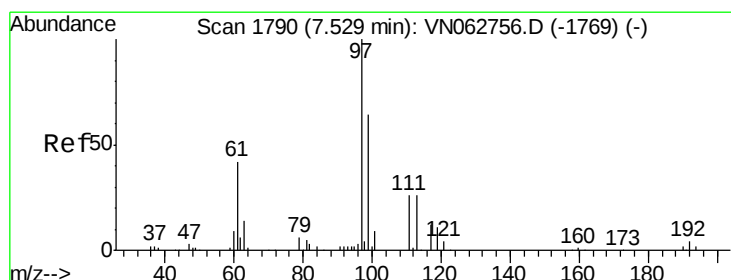
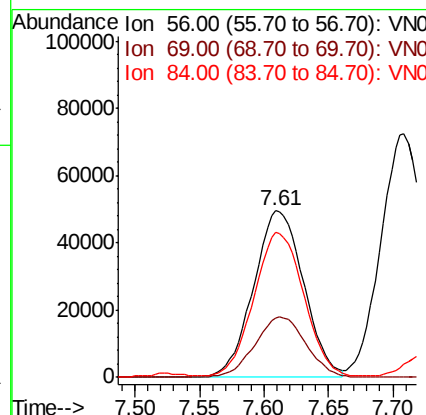
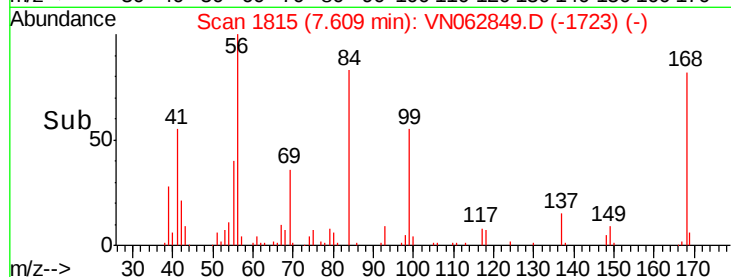
#31
Cyclohexane
Concen: 43.172 ug/l
RT: 7.61 min Scan# 1815
Delta R.T. -0.00 min
Lab File: VN062849.D
Acq: 12 Aug 2020 11:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 56 Resp: 134199
Ion Ratio Lower Upper
56 100
69 35.6 28.1 42.1
84 85.8 66.8 100.2

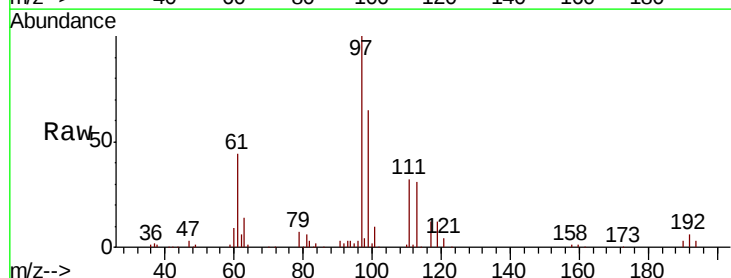


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

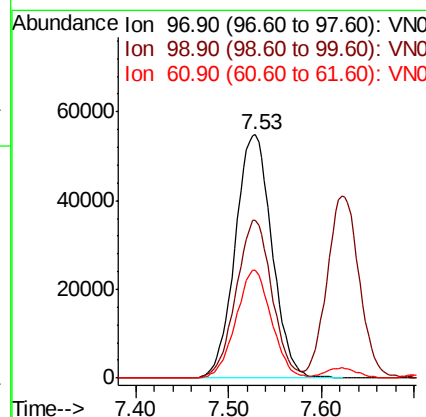
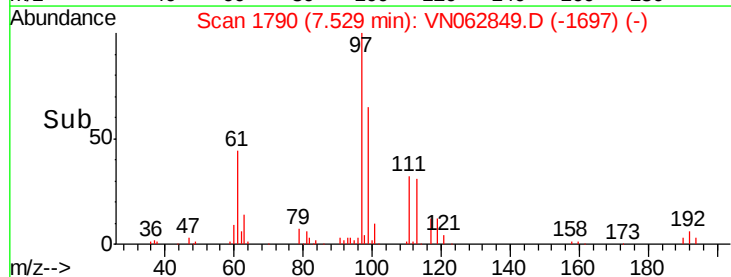


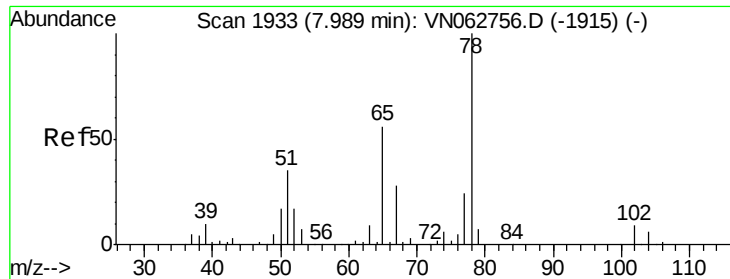
#32
1,1,1-Trichloroethane
Concen: 46.819 ug/l
RT: 7.53 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VN062849.D
Acq: 12 Aug 2020 11:00

Tgt Ion: 97 Resp: 150644
Ion Ratio Lower Upper
97 100
99 63.2 50.0 75.0
61 42.8 34.8 52.2



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

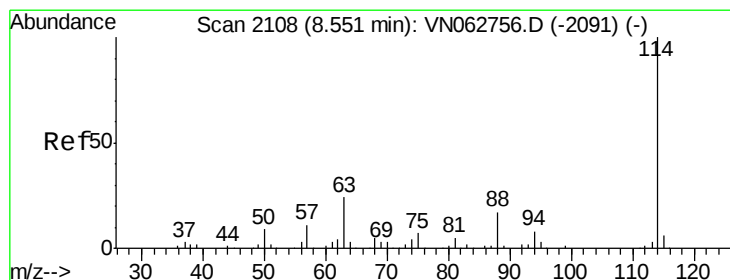
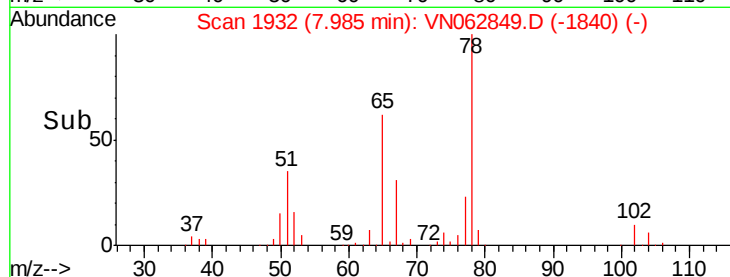
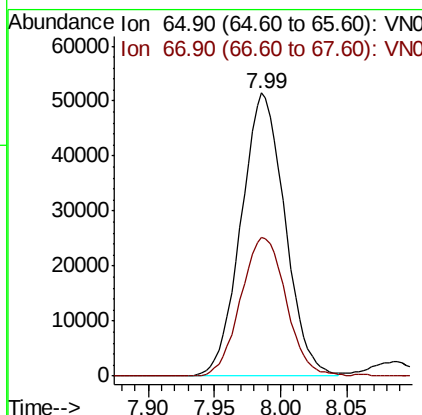
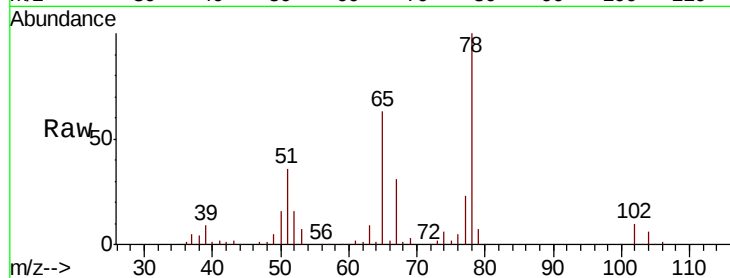




#33
 1,2-Dichloroethane-d4
 Concen: 46.046 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062849.D
 Acq: 12 Aug 2020 11:00

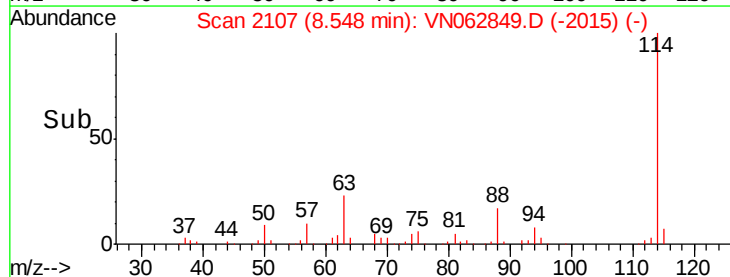
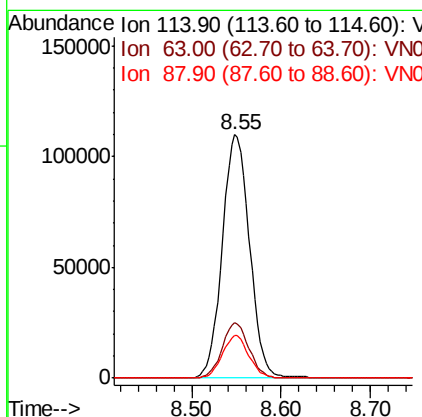
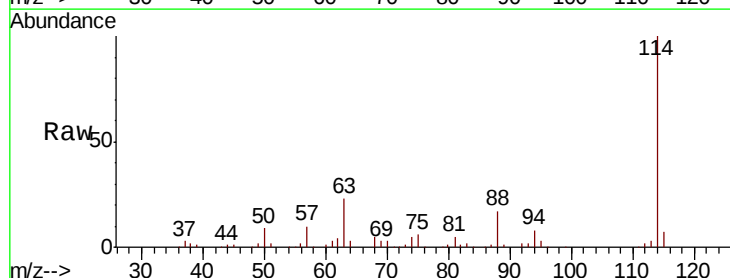
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

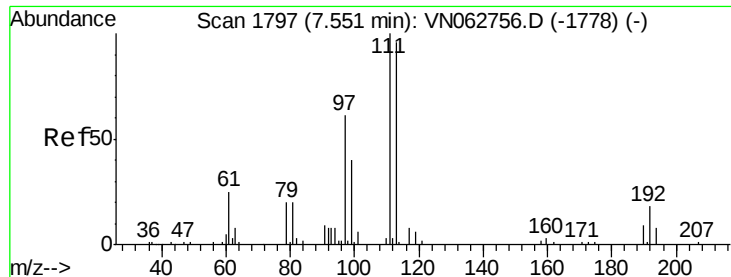
Tot Ion: 65 Resp: 118057
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062849.D
 Acq: 12 Aug 2020 11:00

Tgt Ion: 114 Resp: 232751
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 47.6
 88 17.3 0.0 34.4

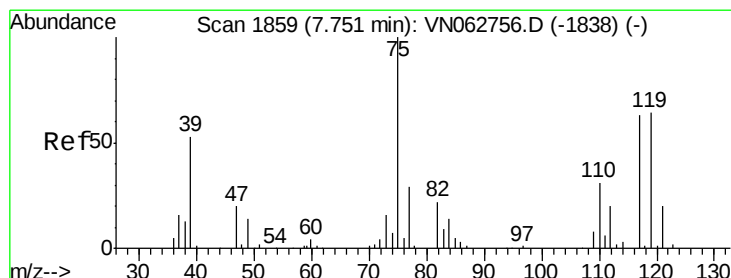
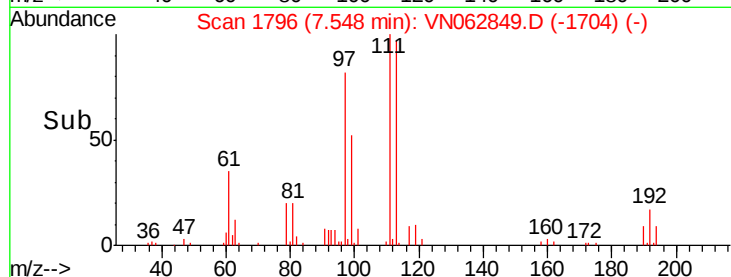
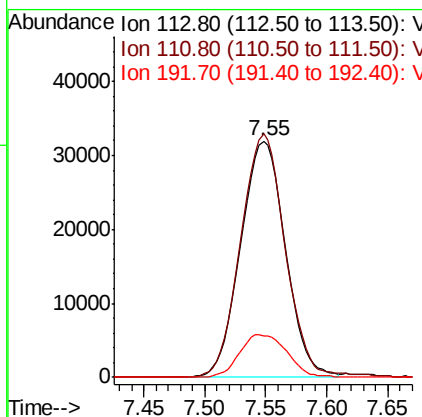
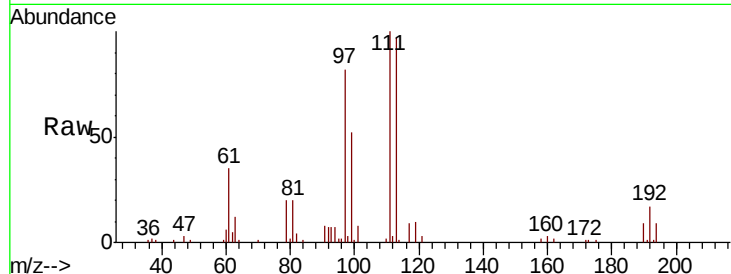




#35
 Dibromofluoromethane
 Concen: 51.013 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062849.D
 Acq: 12 Aug 2020 11:00

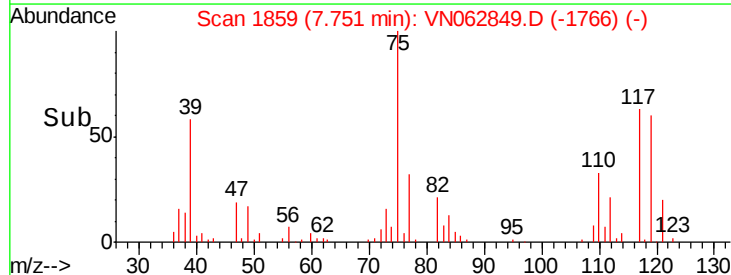
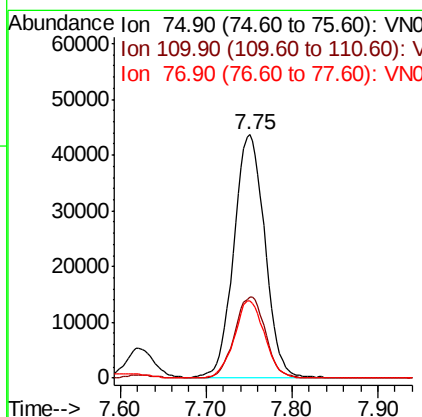
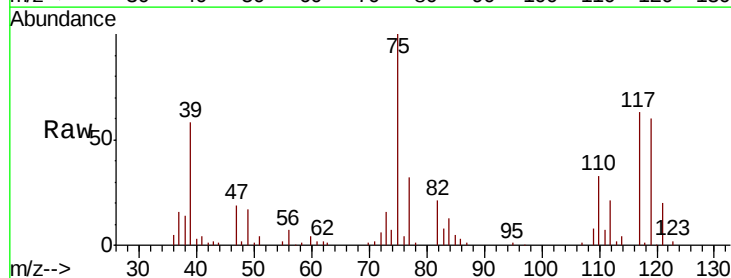
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

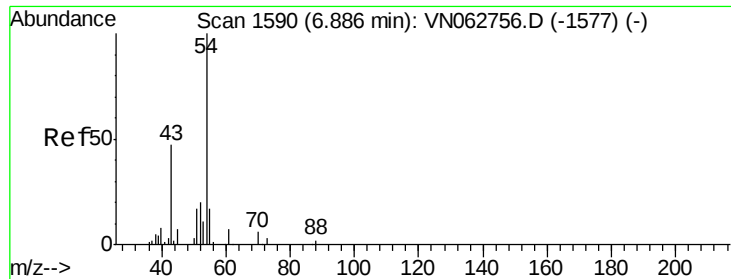
Tot Ion:113 Resp: 81220
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.8 122.6
 192 19.1 15.0 22.4



#36
 1,1-Dichloropropene
 Concen: 48.409 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062849.D
 Acq: 12 Aug 2020 11:00

Tgt Ion: 75 Resp: 109710
 Ion Ratio Lower Upper
 75 100
 110 33.1 15.6 46.7
 77 31.0 24.1 36.1

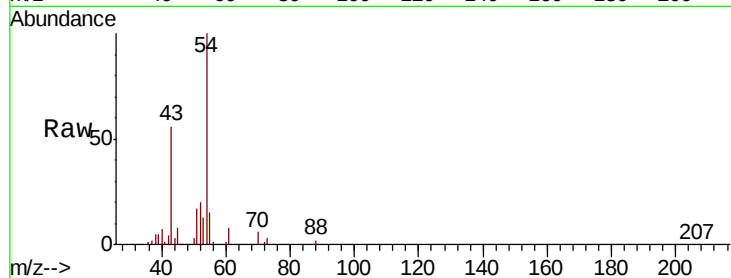




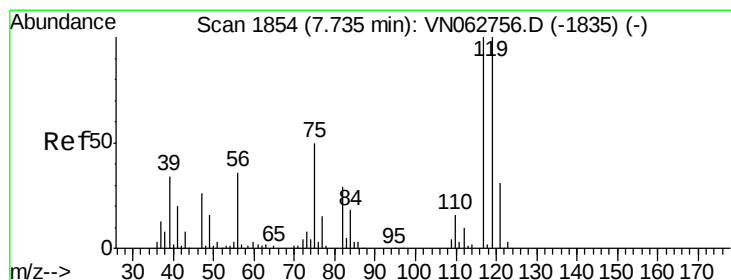
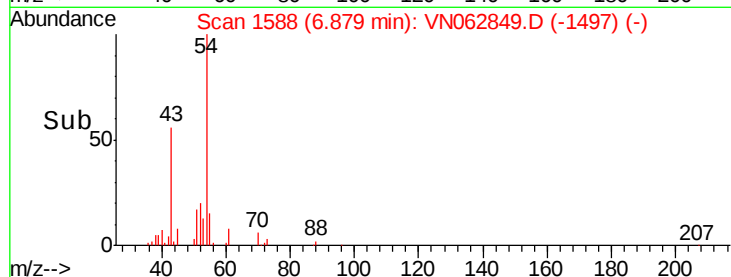
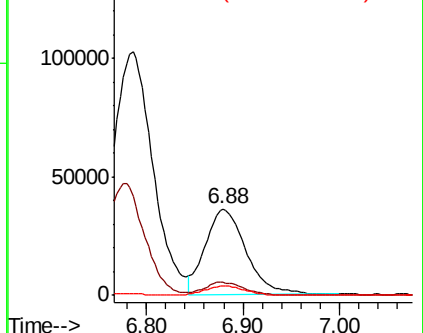
#37
Ethyl Acetate
Concen: 44.983 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.01 min
Lab File: VN062849.D
Acq: 12 Aug 2020 11:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 106493
Ion Ratio Lower Upper
43 100
61 14.5 12.1 18.1
70 10.8 8.3 12.5

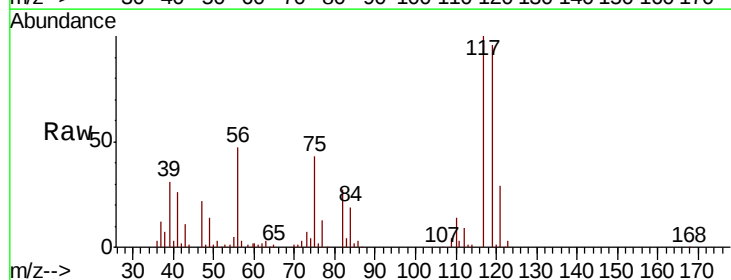


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

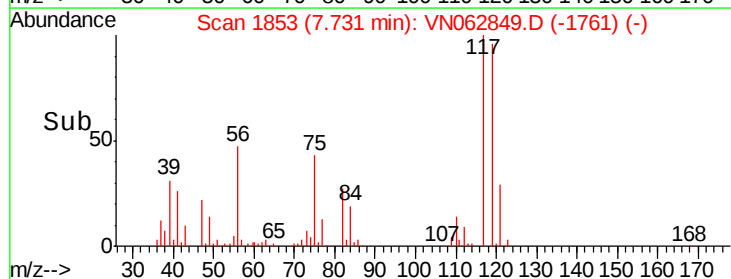
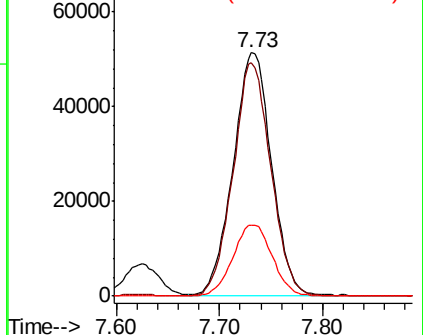


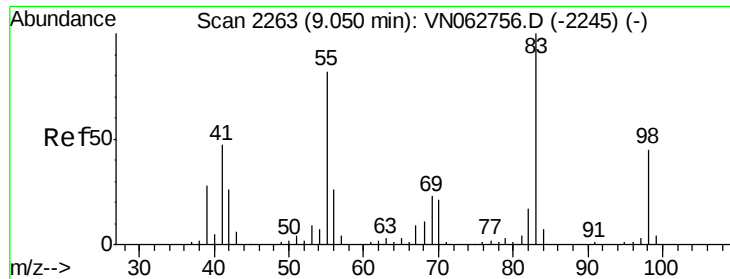
#38
Carbon Tetrachloride
Concen: 49.336 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062849.D
Acq: 12 Aug 2020 11:00

Tgt Ion: 117 Resp: 132239
Ion Ratio Lower Upper
117 100
119 96.3 79.4 119.2
121 29.4 24.9 37.3



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

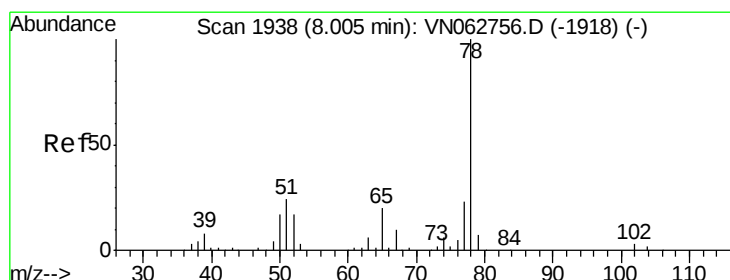
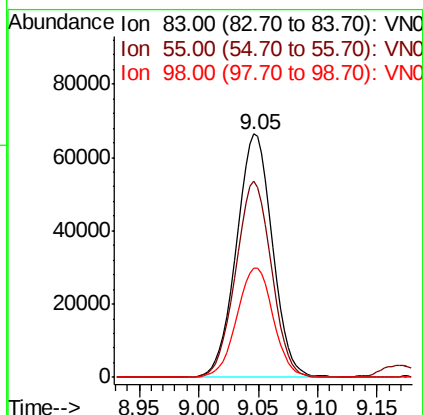
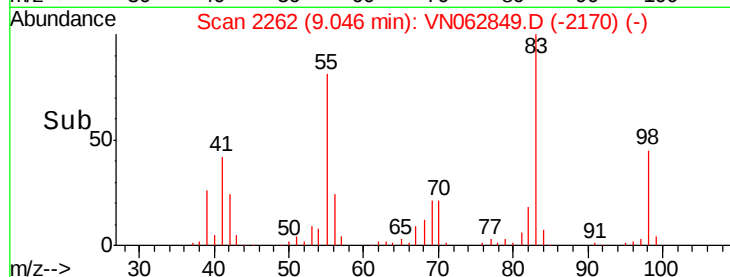
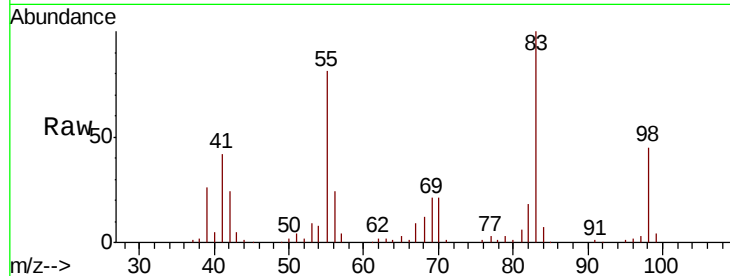




#39
Methvlcvclohexane
Concen: 51.093 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062849.D
Acq: 12 Aug 2020 11:00

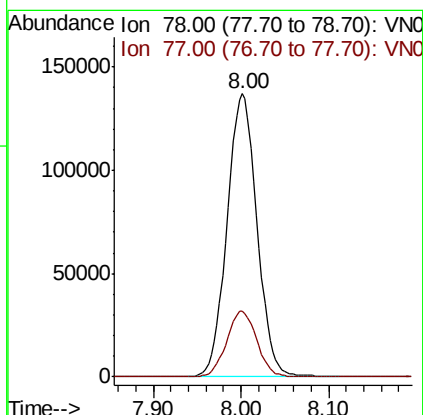
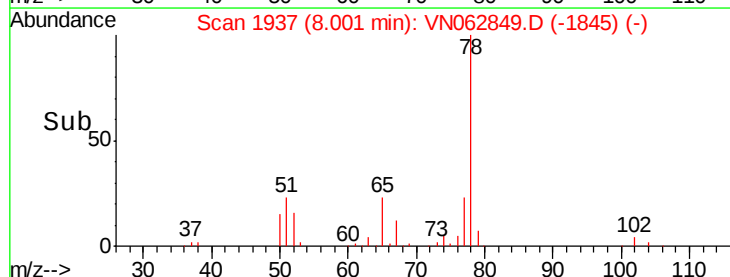
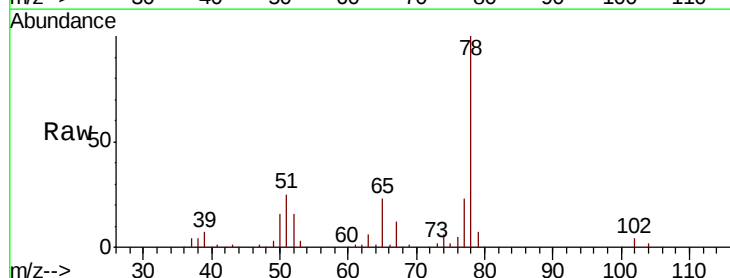
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

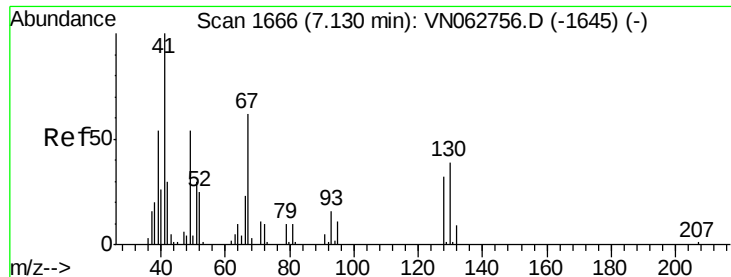
Tot Ion: 83 Resp: 139351
Ion Ratio Lower Upper
83 100
55 80.8 65.7 98.5
98 45.0 35.6 53.4



#40
Benzene
Concen: 48.088 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062849.D
Acq: 12 Aug 2020 11:00

Tgt Ion: 78 Resp: 325205
Ion Ratio Lower Upper
78 100
77 23.2 18.1 27.1

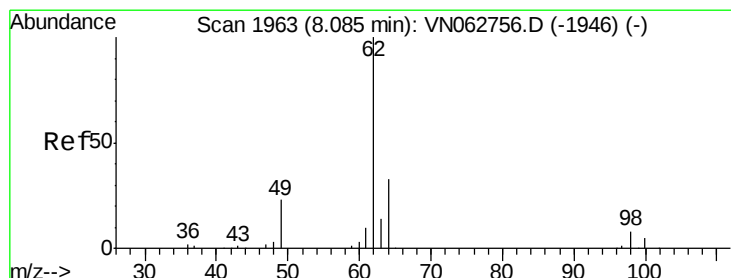
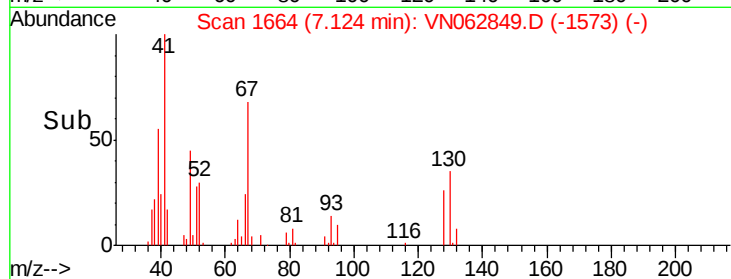
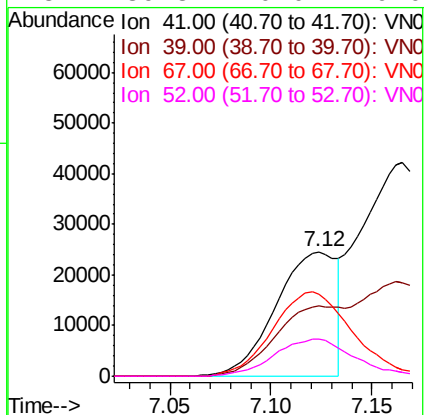
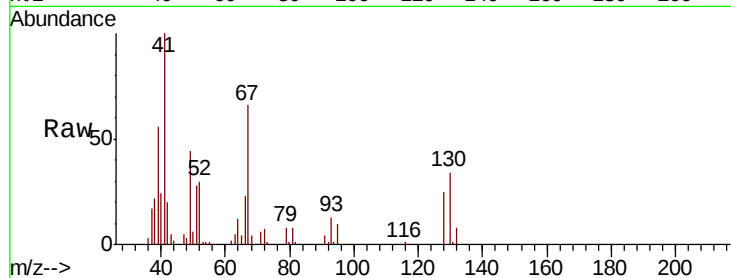




#41
Methacrylonitrile
Concen: 48.228 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. -0.01 min
Lab File: VN062849.D
Acq: 12 Aug 2020 11:00

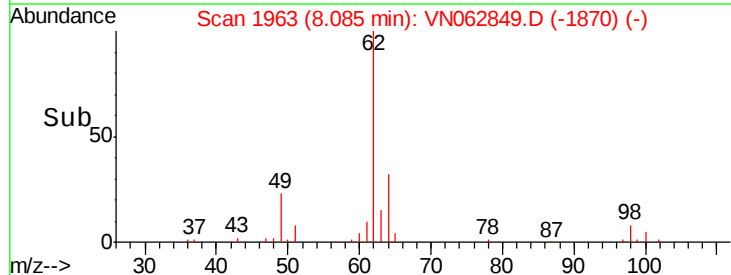
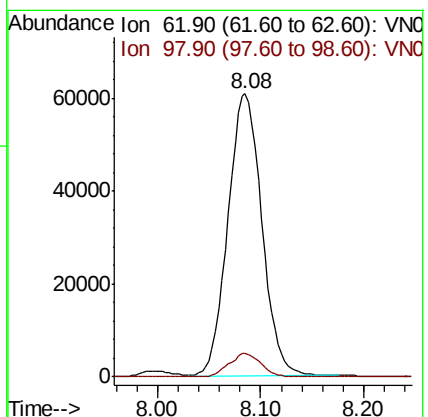
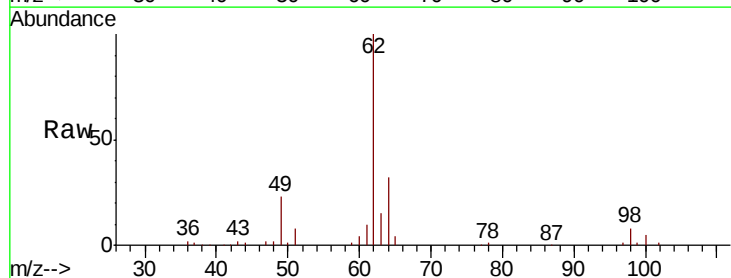
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

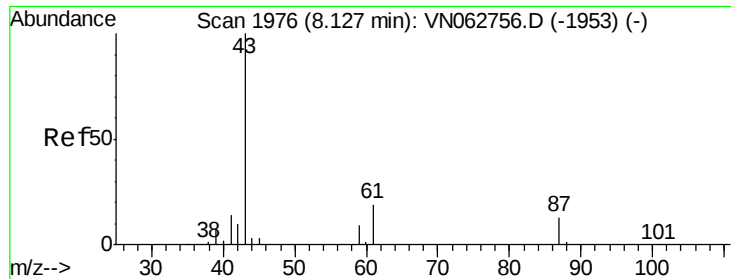
Tot Ion: 41 Resp: 51521
Ion Ratio Lower Upper
41 100
39 62.6 69.4 104.2#
67 89.8 0.0 0.0#
52 39.8 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 48.535 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062849.D
Acq: 12 Aug 2020 11:00

Tgt Ion: 62 Resp: 139701
Ion Ratio Lower Upper
62 100
98 7.9 0.0 15.8





#43

Isopropyl Acetate

Concen: 44.583 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062849.D

Acq: 12 Aug 2020 11:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

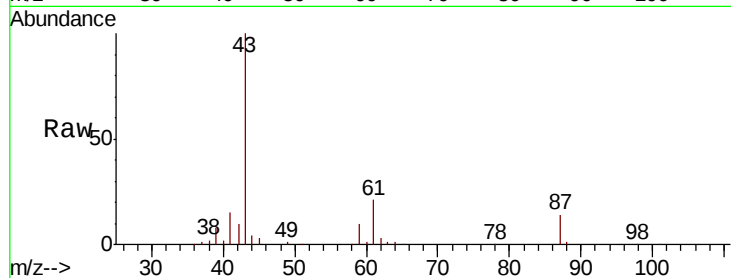
Tot Ion: 43 Resp: 176045

Ion Ratio Lower Upper

43 100

61 21.1 15.8 23.6

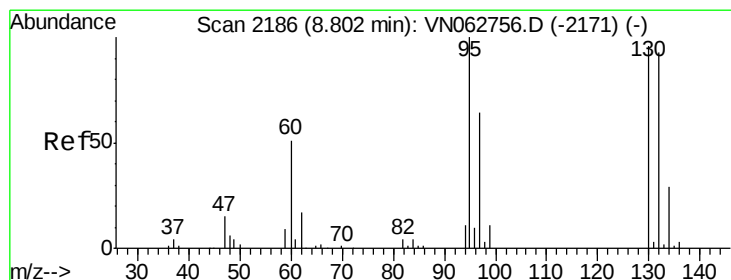
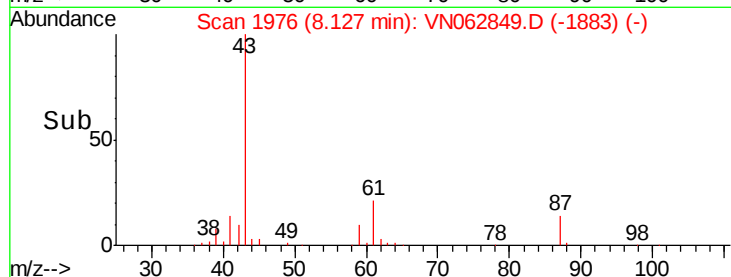
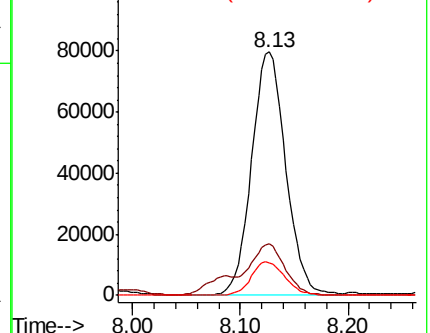
87 13.7 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VN062756.D (-1953) (-)

Ion 61.00 (60.70 to 61.70): VN062756.D (-1953) (-)

Ion 87.00 (86.70 to 87.70): VN062756.D (-1953) (-)



#44

Trichloroethene

Concen: 49.150 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN062849.D

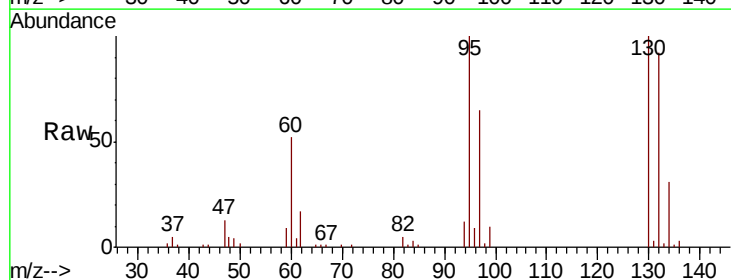
Acq: 12 Aug 2020 11:00

Tgt Ion:130 Resp: 80981

Ion Ratio Lower Upper

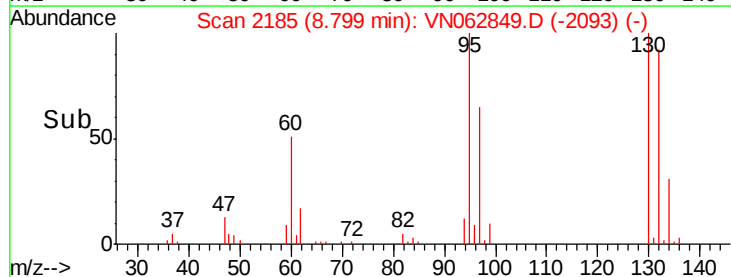
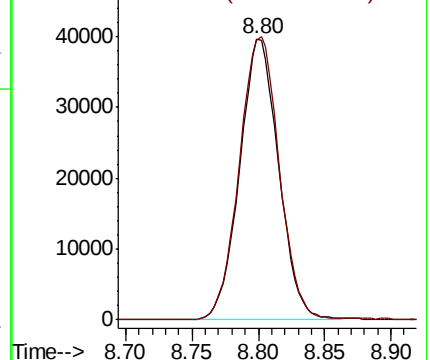
130 100

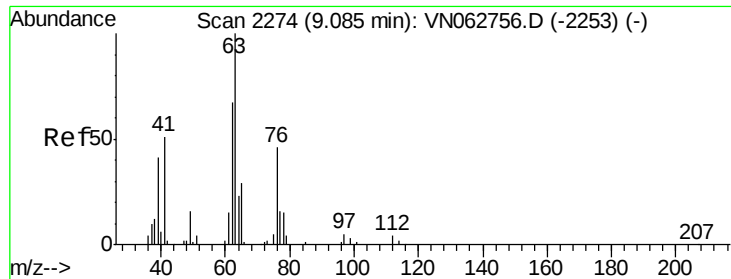
95 99.6 0.0 207.6



Abundance Ion 129.80 (129.50 to 130.50): VN062756.D (-2171) (-)

Ion 94.90 (94.60 to 95.60): VN062756.D (-2171) (-)





#45

1,2-Dichloropropane

Concen: 49.129 ug/l

RT: 9.08 min Scan# 2274

Delta R.T. -0.00 min

Lab File: VN062849.D

Acq: 12 Aug 2020 11:00

Instrument :

MSVOA_N

ClientSampleId :

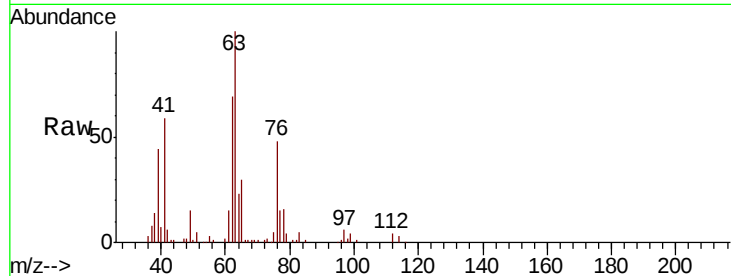
VSTDCCC050

Tot Ion: 63 Resp: 89923

Ion Ratio Lower Upper

63 100

65 29.9 23.5 35.3



Abundance Ion 62.90 (62.60 to 63.60): VN062756.D (-2253) (-)

Ion 64.90 (64.60 to 65.60): VN062756.D (-2253) (-)

9.08

40000

30000

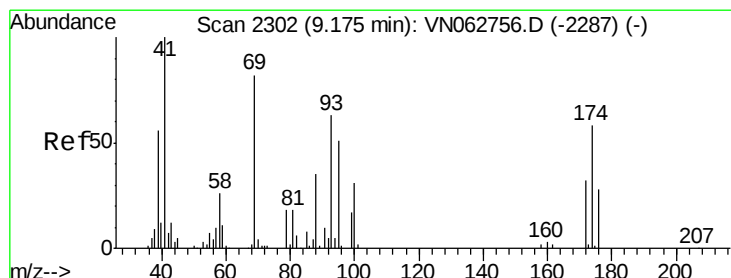
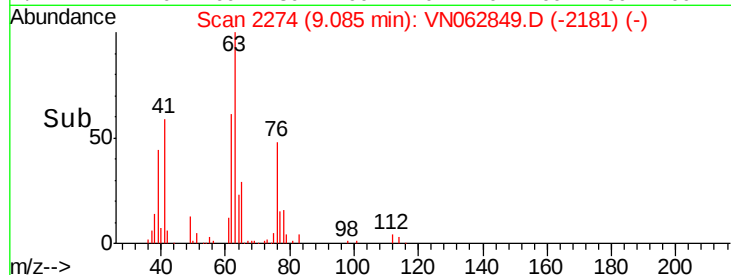
20000

10000

0

9.00 9.10 9.20

Time-->



#46

Dibromomethane

Concen: 49.787 ug/l

RT: 9.17 min Scan# 2301

Delta R.T. -0.00 min

Lab File: VN062849.D

Acq: 12 Aug 2020 11:00

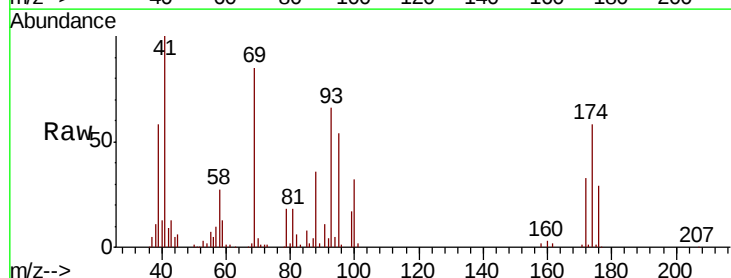
Tgt Ion: 93 Resp: 59708

Ion Ratio Lower Upper

93 100

95 84.4 65.1 97.7

174 93.6 73.9 110.9



Abundance Ion 92.80 (92.50 to 93.50): VN062756.D (-2287) (-)

Ion 94.80 (94.50 to 95.50): VN062756.D (-2287) (-)

Ion 173.70 (173.40 to 174.40): VN062756.D (-2287) (-)

40000

30000

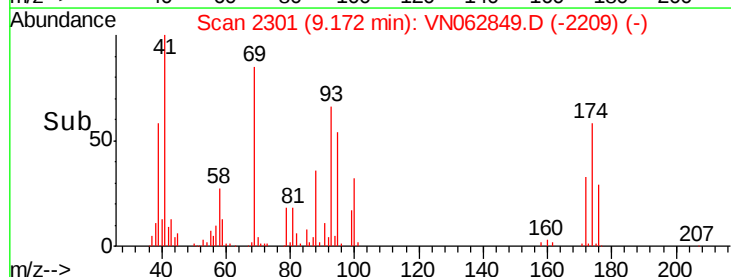
20000

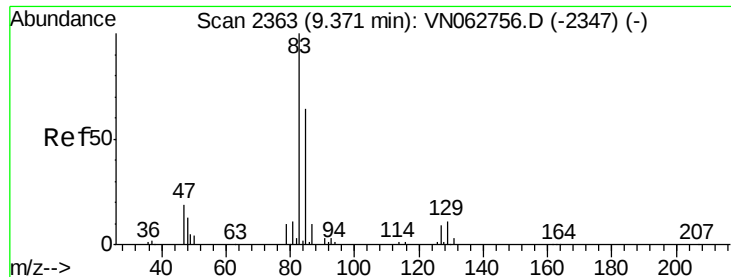
10000

0

9.10 9.15 9.20 9.25

Time-->





#47

Bromodichloromethane

Concen: 51.301 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN062849.D

Acq: 12 Aug 2020 11:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

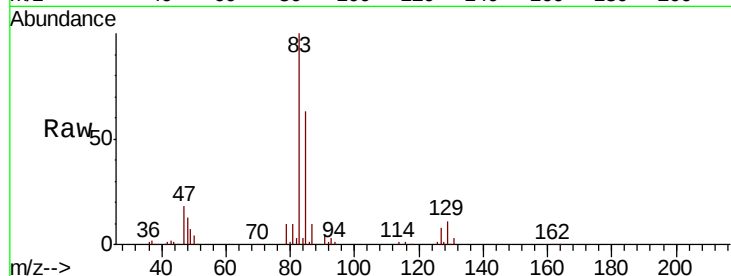
Tot Ion: 83 Resp: 138180

Ion Ratio Lower Upper

83 100

85 62.7 51.4 77.0

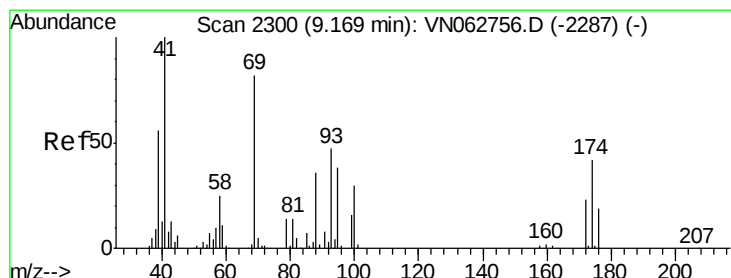
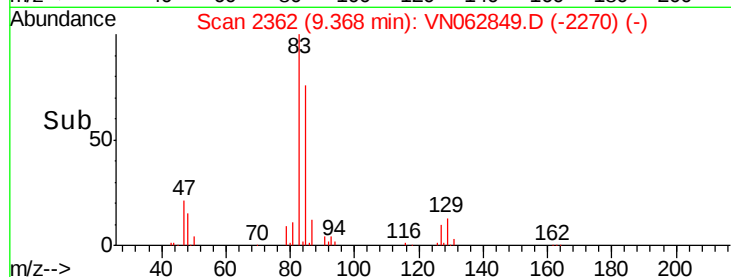
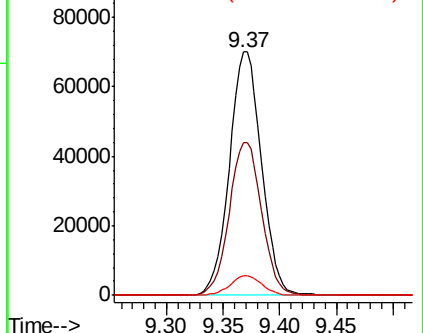
127 8.3 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN062756.D (-2347) (-)

Ion 84.90 (84.60 to 85.60): VN062756.D (-2347) (-)

Ion 126.80 (126.50 to 127.50): VN062756.D (-2347) (-)



#48

Methyl methacrylate

Concen: 46.705 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN062849.D

Acq: 12 Aug 2020 11:00

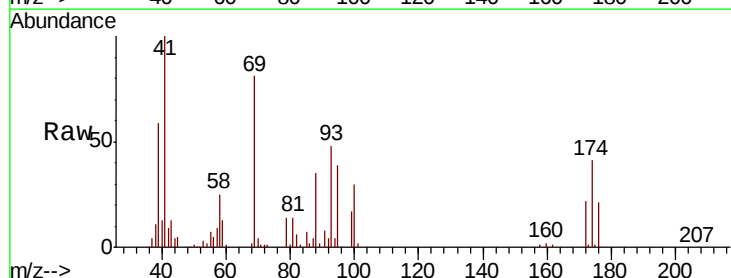
Tgt Ion: 41 Resp: 90712

Ion Ratio Lower Upper

41 100

69 85.3 67.4 101.2

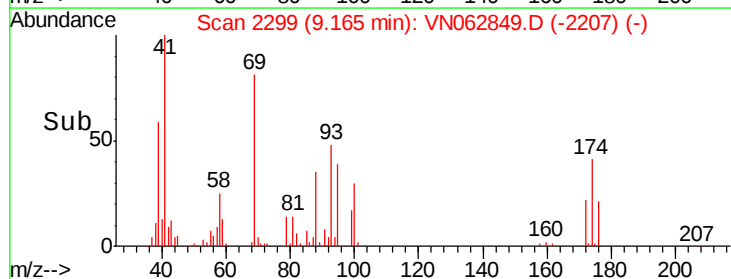
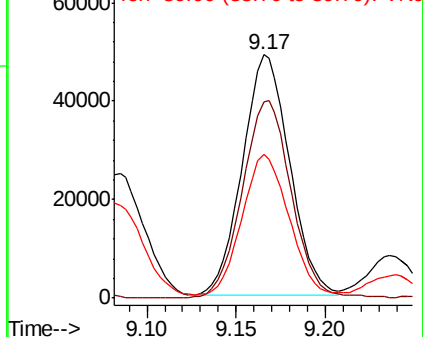
39 59.9 47.6 71.4

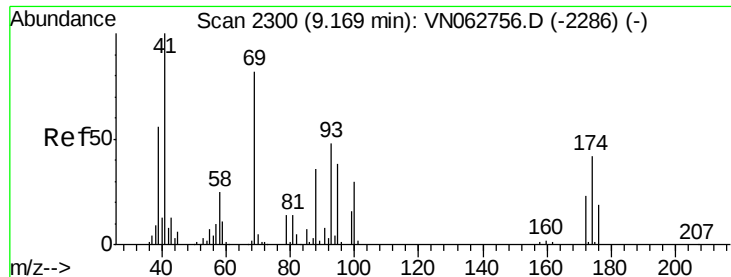


Abundance Ion 41.00 (40.70 to 41.70): VN062756.D (-2287) (-)

Ion 69.00 (68.70 to 69.70): VN062756.D (-2287) (-)

Ion 39.00 (38.70 to 39.70): VN062756.D (-2287) (-)

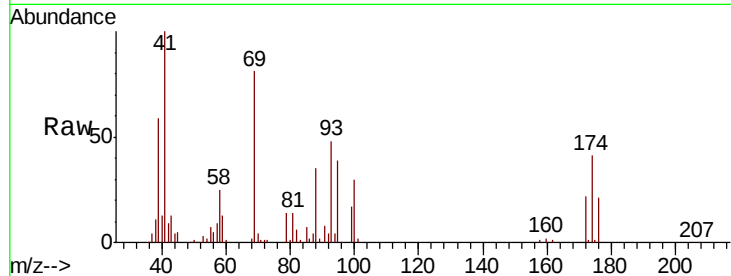




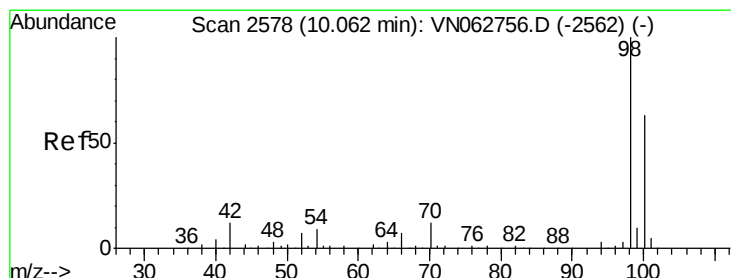
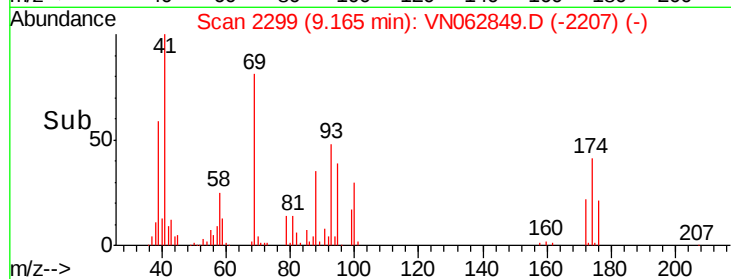
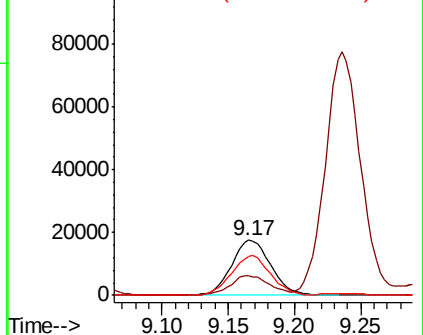
#49
1,4-Dioxane
Concen: 1008.790 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062849.D
Acq: 12 Aug 2020 11:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 88 Resp: 36305
Ion Ratio Lower Upper
88 100
43 34.0 29.5 44.3
58 70.6 59.8 89.8

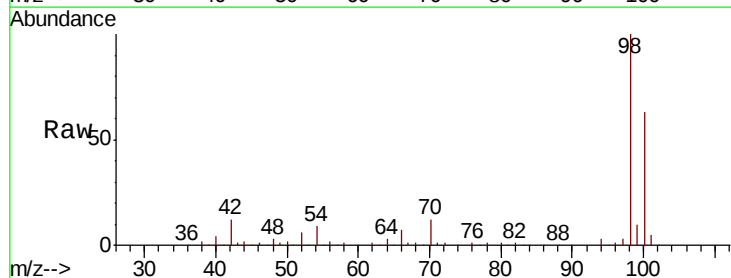


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

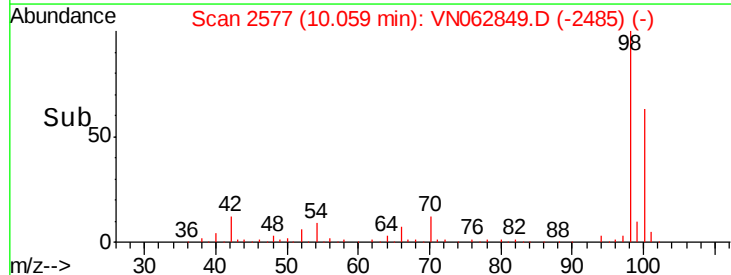
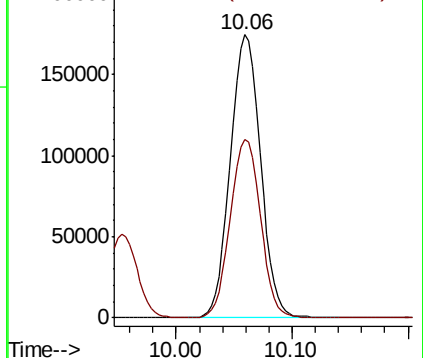


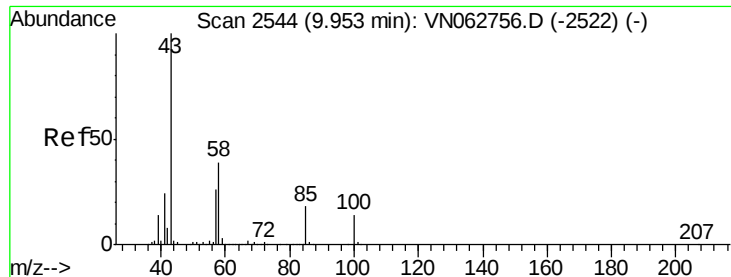
#50
Toluene-d8
Concen: 50.751 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062849.D
Acq: 12 Aug 2020 11:00

Tgt Ion: 98 Resp: 315463
Ion Ratio Lower Upper
98 100
100 62.6 50.9 76.3



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

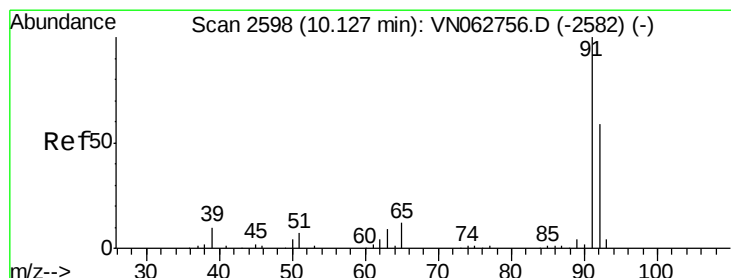
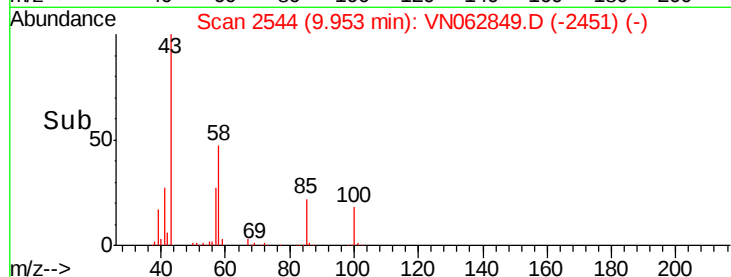
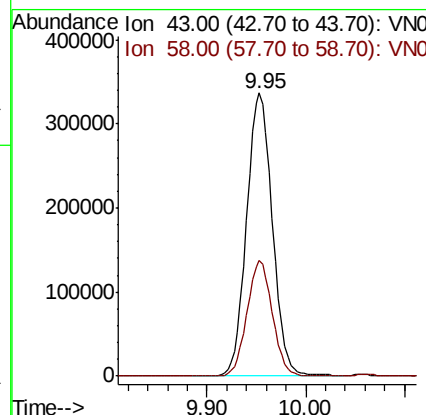
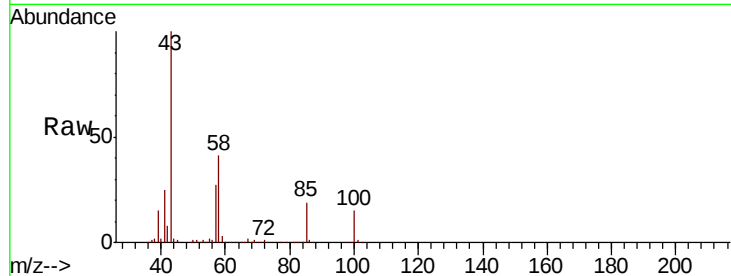




#51
 4-Methyl-2-Pentanone
 Concen: 237.779 ug/l
 RT: 9.95 min Scan# 2544
 Delta R.T. -0.00 min
 Lab File: VN062849.D
 Acq: 12 Aug 2020 11:00

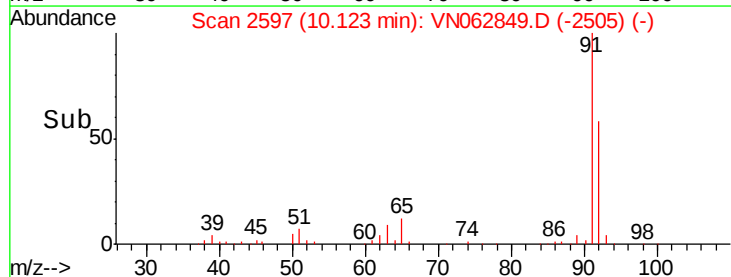
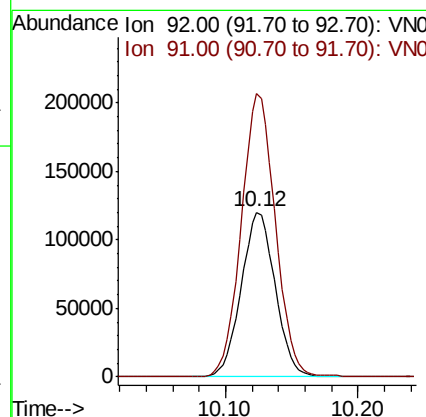
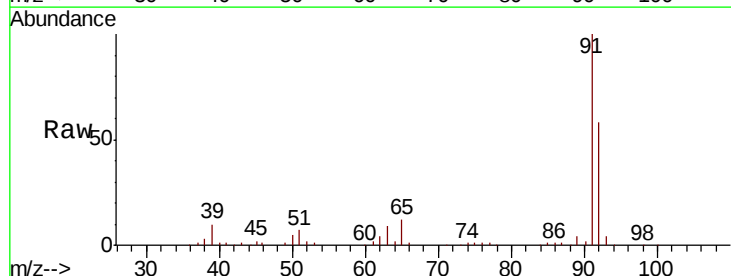
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

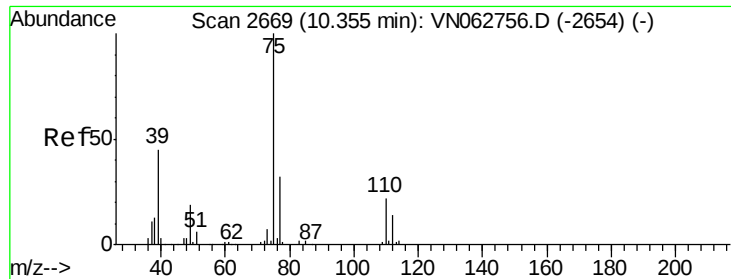
Tot Ion: 43 Resp: 607499
 Ion Ratio Lower Upper
 43 100
 58 40.1 31.1 46.7



#52
 Toluene
 Concen: 51.261 ug/l
 RT: 10.12 min Scan# 2597
 Delta R.T. -0.00 min
 Lab File: VN062849.D
 Acq: 12 Aug 2020 11:00

Tgt Ion: 92 Resp: 214040
 Ion Ratio Lower Upper
 92 100
 91 172.5 138.9 208.3





#53

t-1,3-Dichloropropene

Concen: 50.392 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062849.D

Acq: 12 Aug 2020 11:00

Instrument :

MSVOA_N

ClientSampleId :

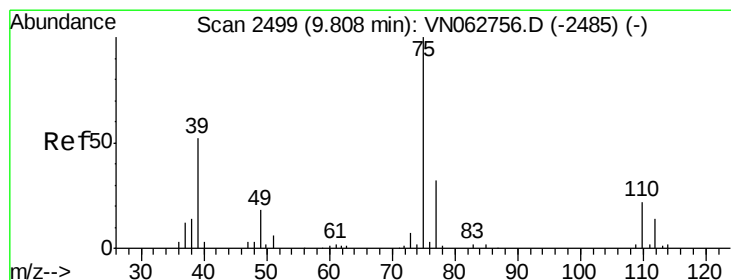
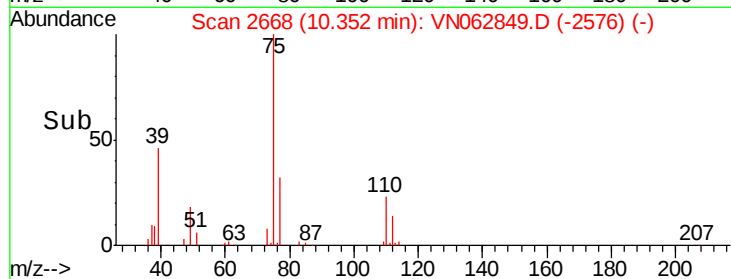
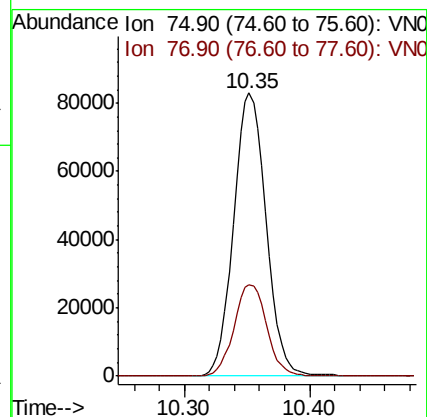
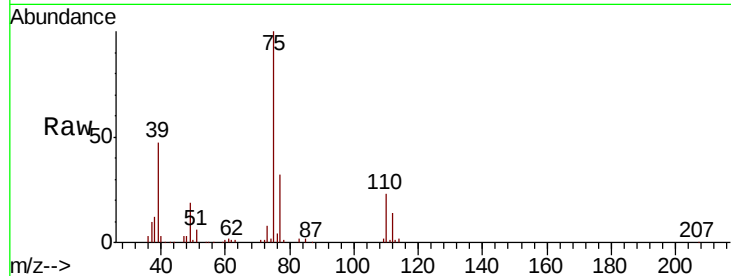
VSTDCCC050

Tot Ion: 75 Resp: 149300

Ion Ratio Lower Upper

75 100

77 32.4 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 50.988 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN062849.D

Acq: 12 Aug 2020 11:00

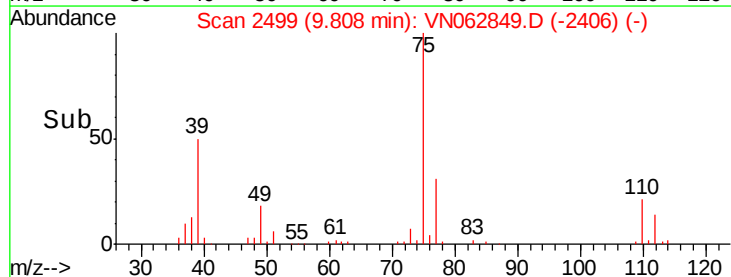
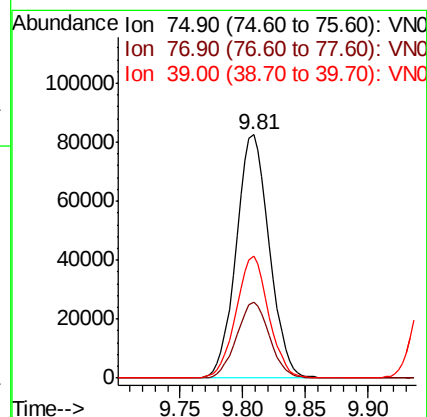
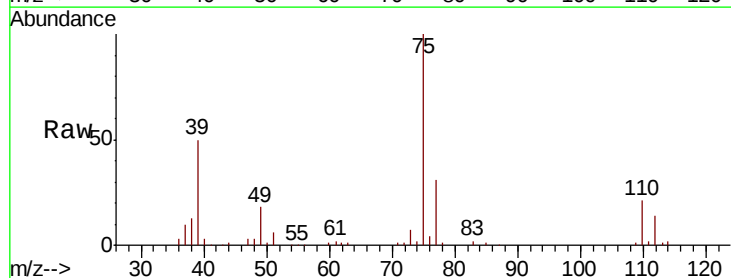
Tgt Ion: 75 Resp: 151673

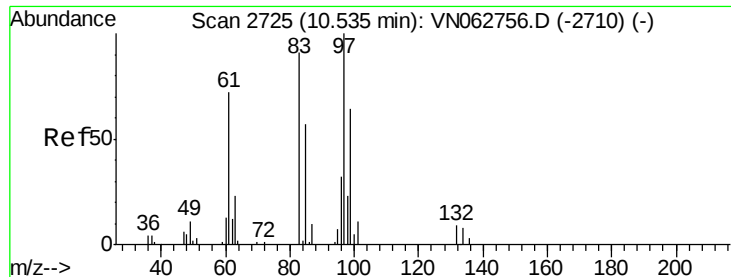
Ion Ratio Lower Upper

75 100

77 31.4 25.5 38.3

39 50.2 41.9 62.9

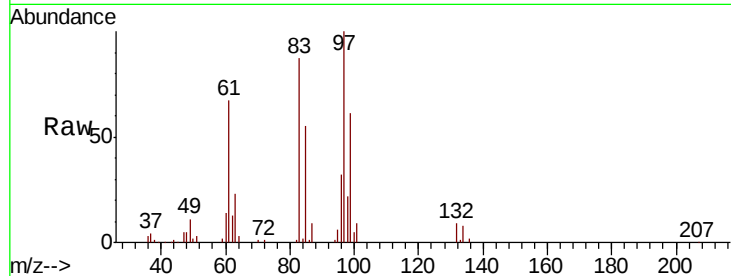




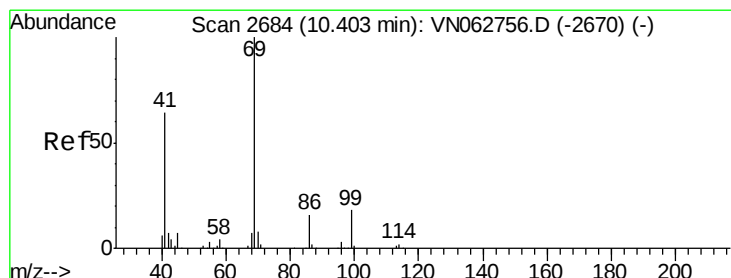
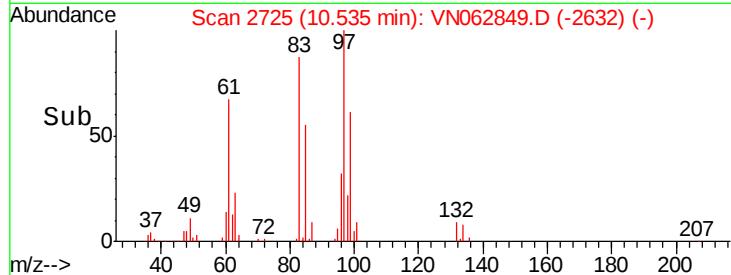
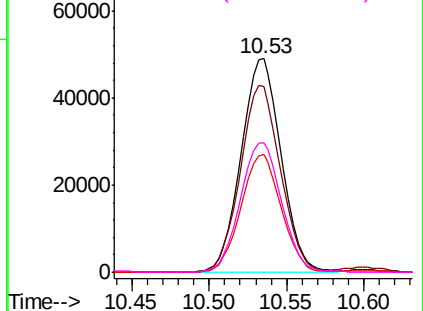
#55
 1,1,2-Trichloroethane
 Concen: 49.571 ug/l
 RT: 10.53 min Scan# 2725
 Delta R.T. -0.00 min
 Lab File: VN062849.D
 Acq: 12 Aug 2020 11:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	88401
Ion	Ratio	Lower	Upper
97	100		
83	86.6	72.6	108.8
85	55.3	46.0	69.0
99	60.7	51.1	76.7

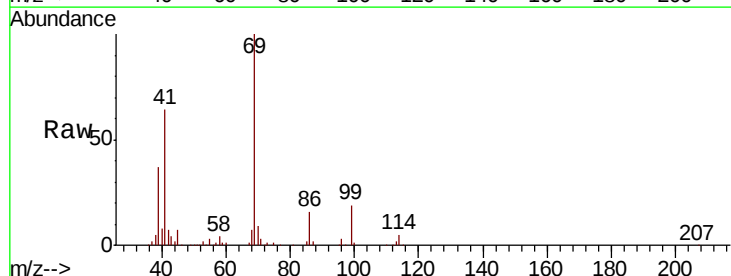


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

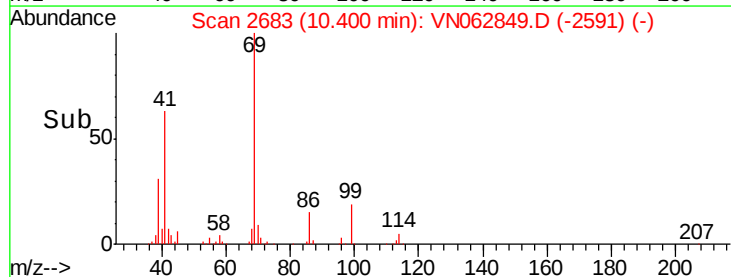
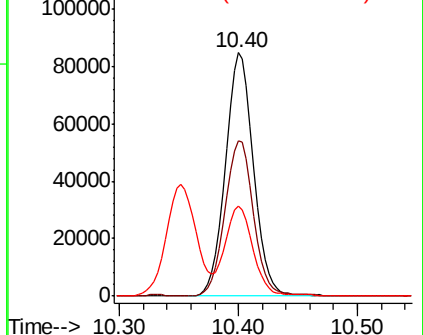


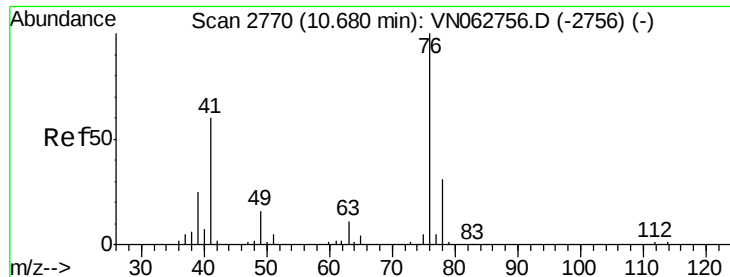
#56
 Ethyl methacrylate
 Concen: 51.605 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN062849.D
 Acq: 12 Aug 2020 11:00

Tgt Ion:	69	Resp:	138521
Ion	Ratio	Lower	Upper
69	100		
41	64.4	52.2	78.2
39	36.7	30.9	46.3



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

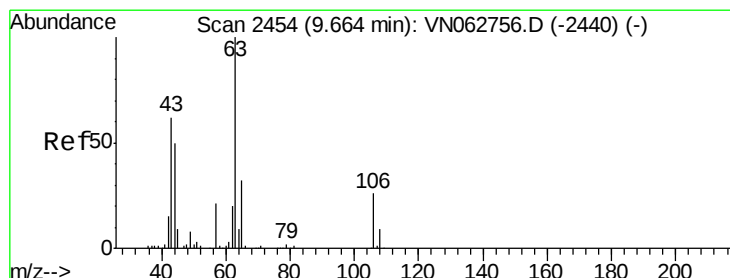
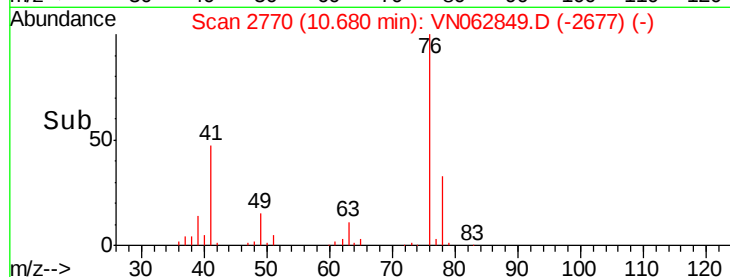
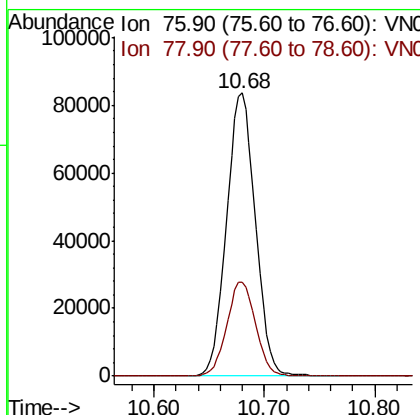
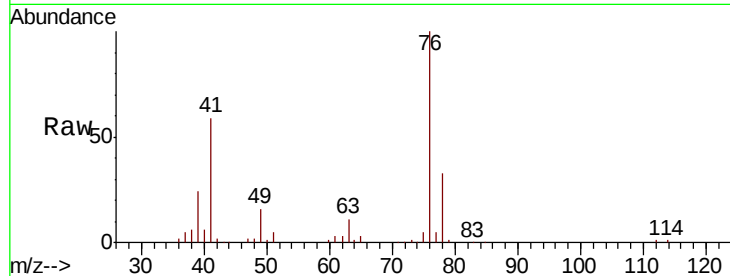




#57
 1,3-Dichloropropane
 Concen: 50.009 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. -0.00 min
 Lab File: VN062849.D
 Acq: 12 Aug 2020 11:00

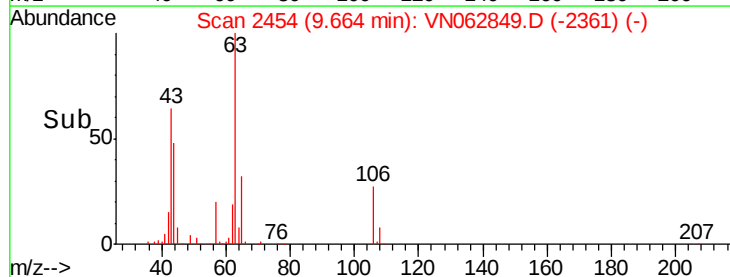
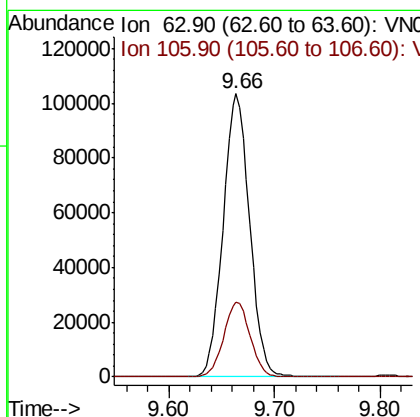
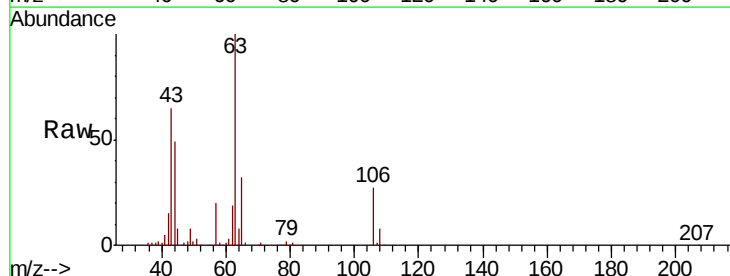
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

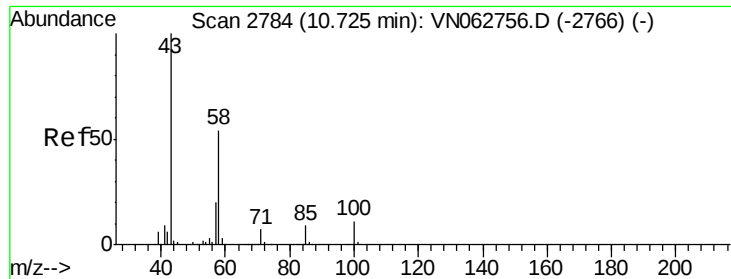
Tot Ion: 76 Resp: 151533
 Ion Ratio Lower Upper
 76 100
 78 33.2 25.4 38.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 236.553 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. -0.00 min
 Lab File: VN062849.D
 Acq: 12 Aug 2020 11:00

Tgt Ion: 63 Resp: 179482
 Ion Ratio Lower Upper
 63 100
 106 26.4 20.9 31.3

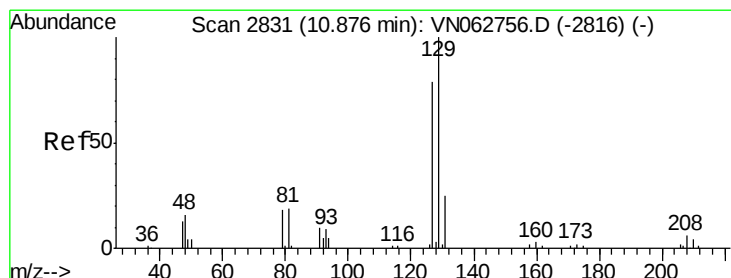
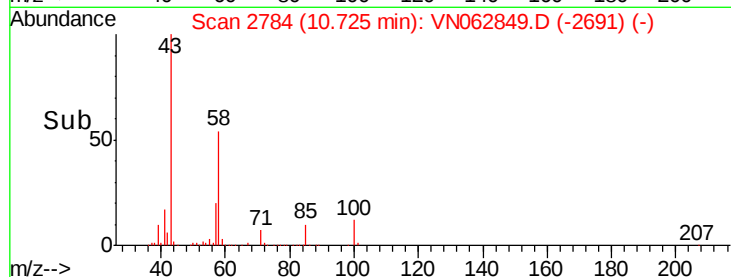
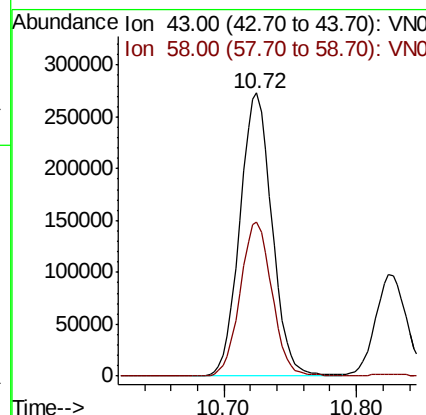
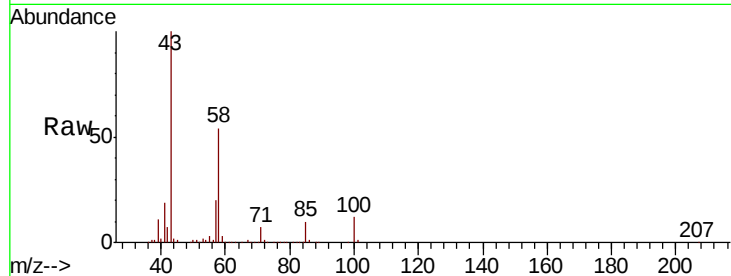




#59
2-Hexanone
Concen: 240.261 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. -0.00 min
Lab File: VN062849.D
Acq: 12 Aug 2020 11:00

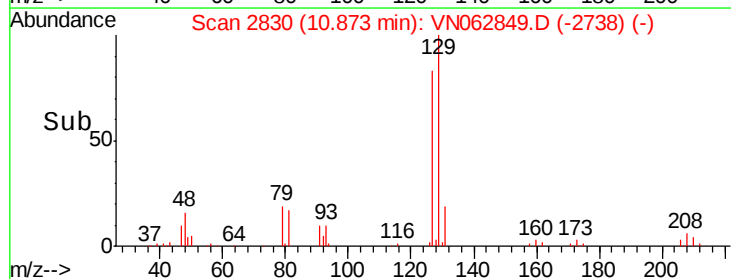
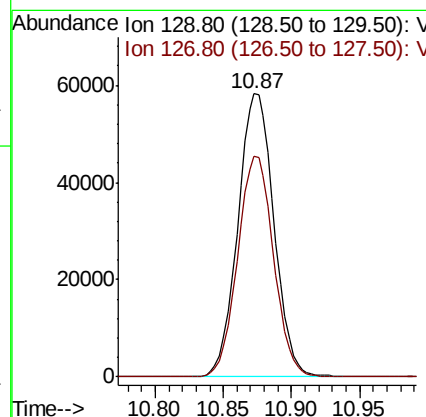
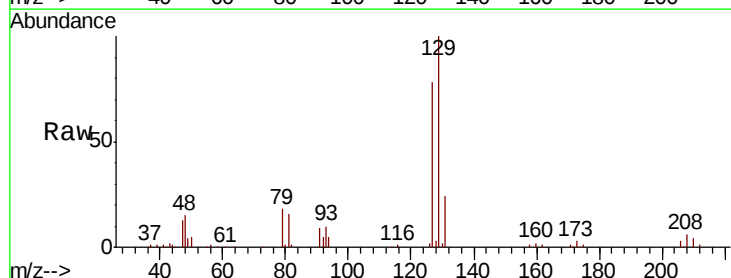
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

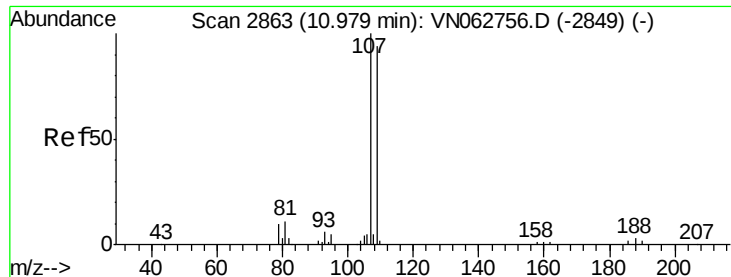
Tot Ion: 43 Resp: 457890
Ion Ratio Lower Upper
43 100
58 54.2 26.7 80.1



#60
Dibromochloromethane
Concen: 52.517 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062849.D
Acq: 12 Aug 2020 11:00

Tgt Ion: 129 Resp: 106877
Ion Ratio Lower Upper
129 100
127 77.7 39.1 117.2

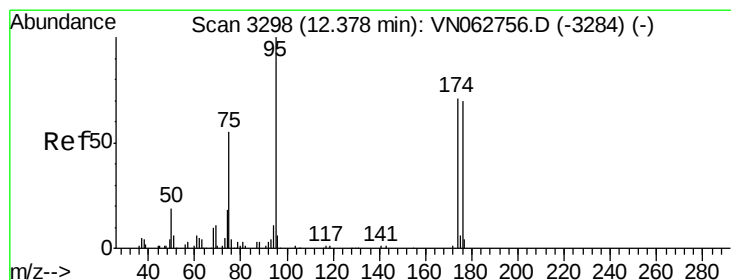
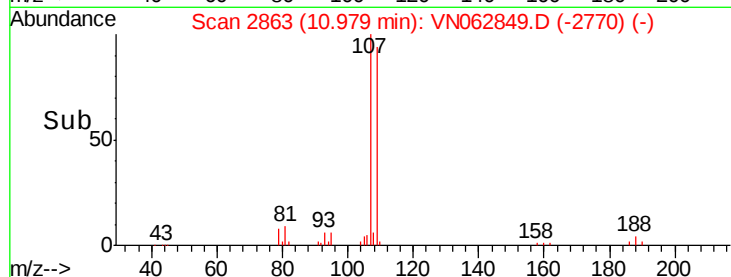
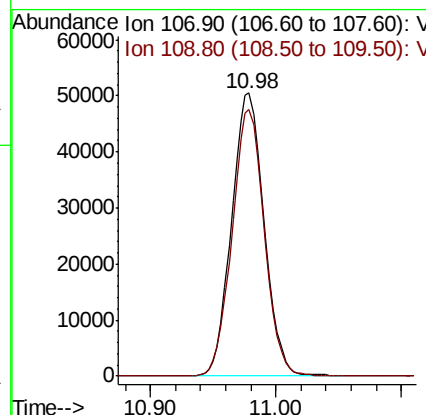
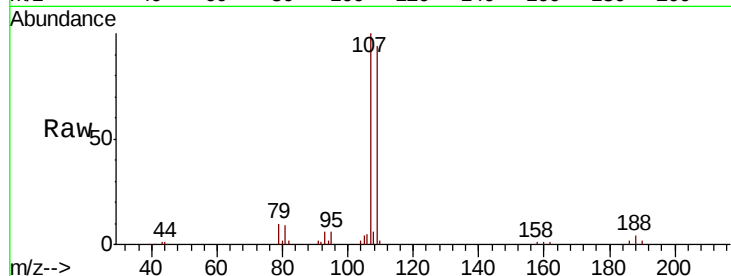




#61
 1,2-Dibromoethane
 Concen: 51.489 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. -0.00 min
 Lab File: VN062849.D
 Acq: 12 Aug 2020 11:00

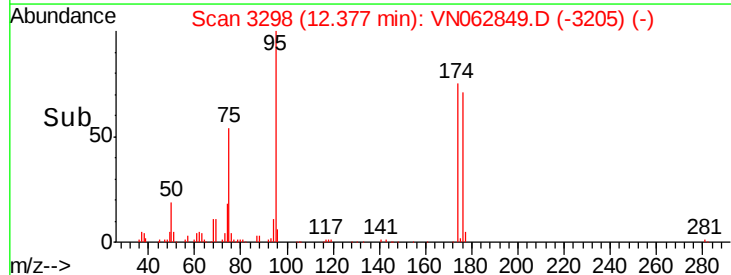
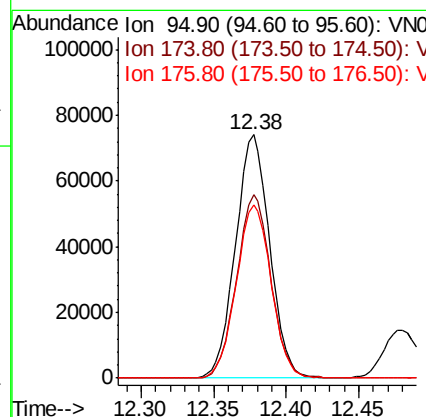
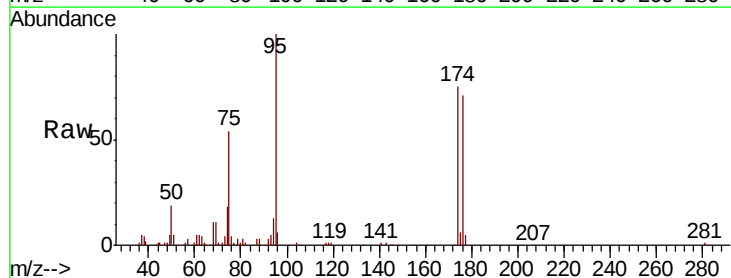
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

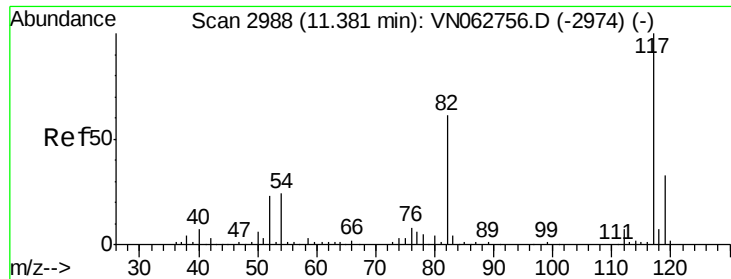
Tot Ion:107 Resp: 90606
 Ion Ratio Lower Upper
 107 100
 109 93.4 76.1 114.1



#62
 4-Bromofluorobenzene
 Concen: 51.658 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062849.D
 Acq: 12 Aug 2020 11:00

Tgt Ion: 95 Resp: 121343
 Ion Ratio Lower Upper
 95 100
 174 75.4 0.0 144.8
 176 72.6 0.0 142.2

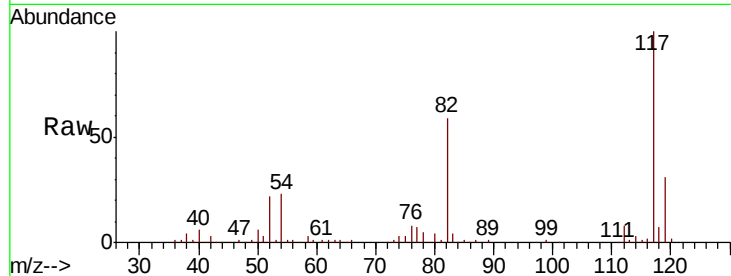




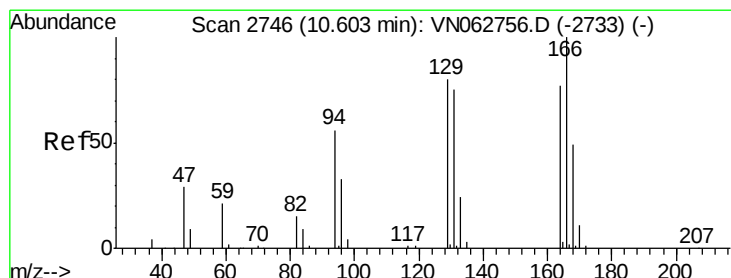
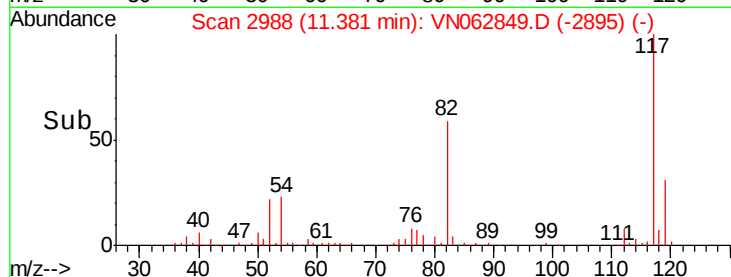
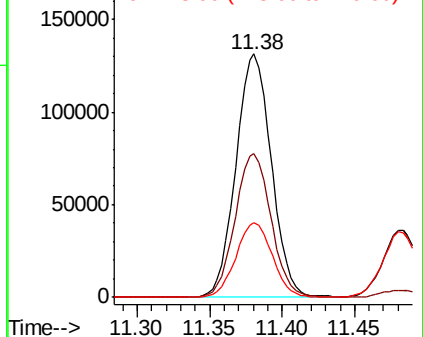
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062849.D
Acq: 12 Aug 2020 11:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 223914
Ion Ratio Lower Upper
117 100
82 59.1 49.0 73.4
119 30.7 26.2 39.2

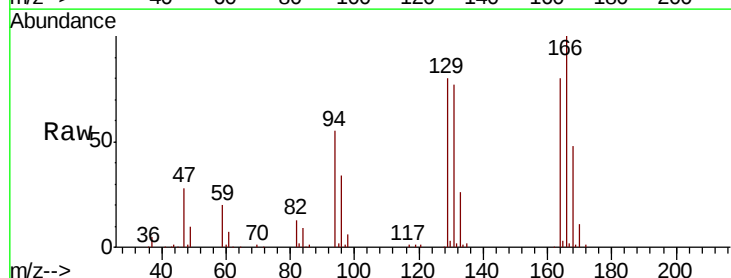


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

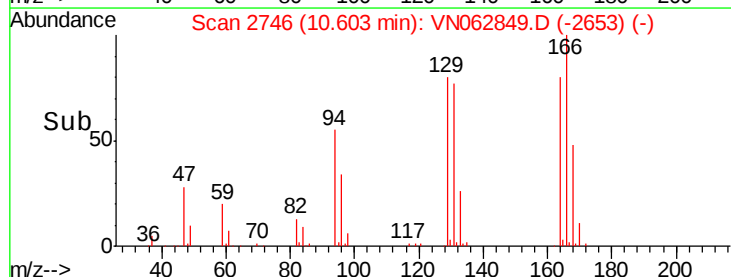
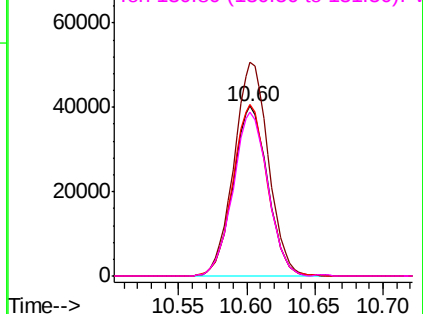


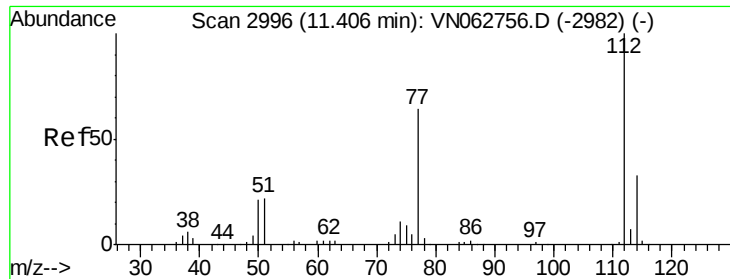
#64
Tetrachloroethene
Concen: 49.000 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062849.D
Acq: 12 Aug 2020 11:00

Tgt Ion:164 Resp: 70792
Ion Ratio Lower Upper
164 100
166 125.7 103.8 155.8
129 100.8 82.7 124.1
131 96.7 78.2 117.2



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

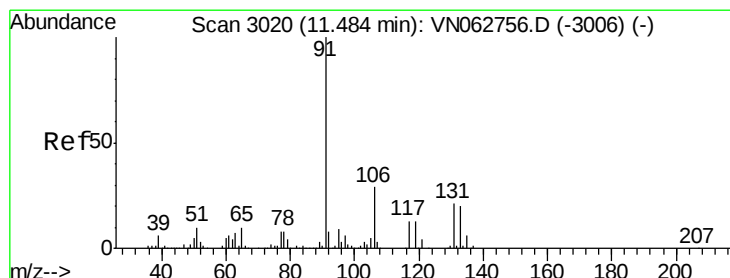
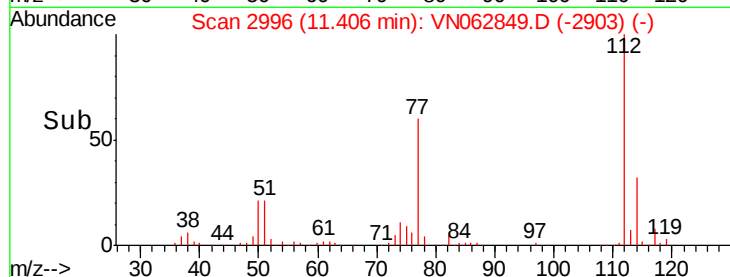
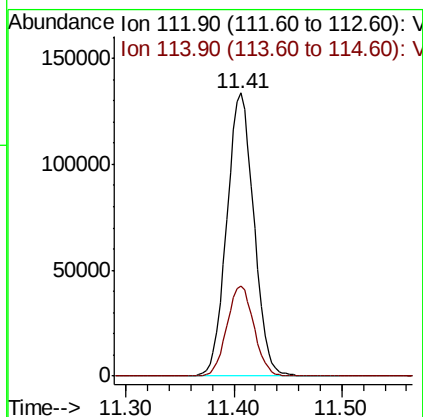
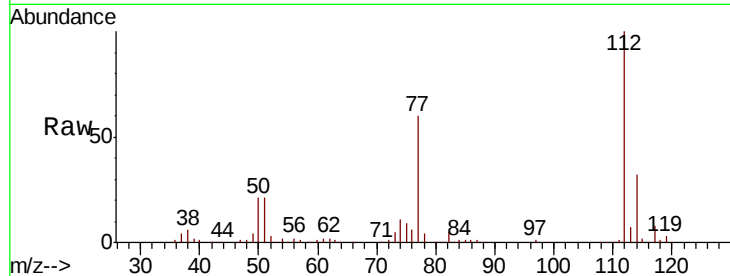




#65
Chlorobenzene
Concen: 49.746 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062849.D
Acq: 12 Aug 2020 11:00

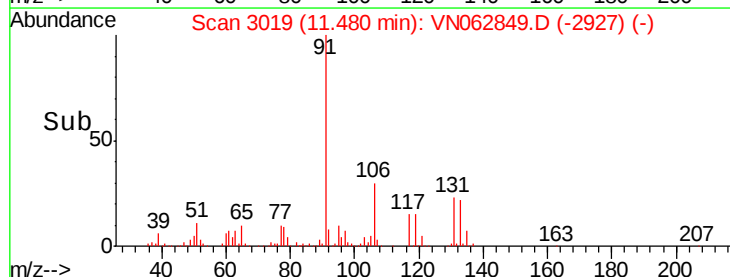
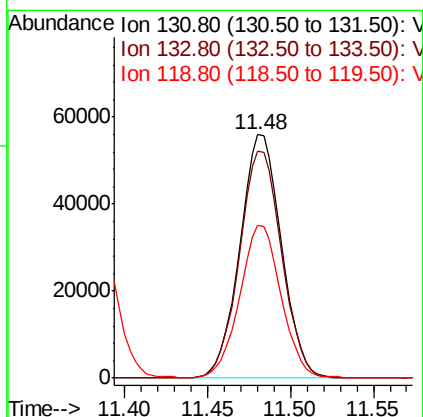
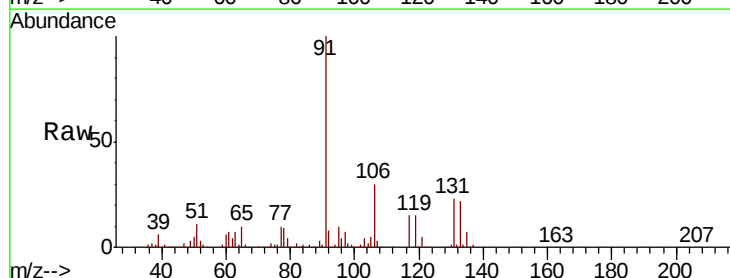
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

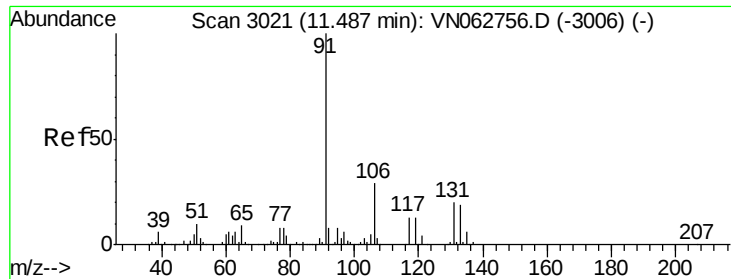
Tot Ion:112 Resp: 232846
Ion Ratio Lower Upper
112 100
114 31.8 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 51.816 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062849.D
Acq: 12 Aug 2020 11:00

Tgt Ion:131 Resp: 97395
Ion Ratio Lower Upper
131 100
133 94.9 48.6 145.8
119 62.5 32.2 96.6

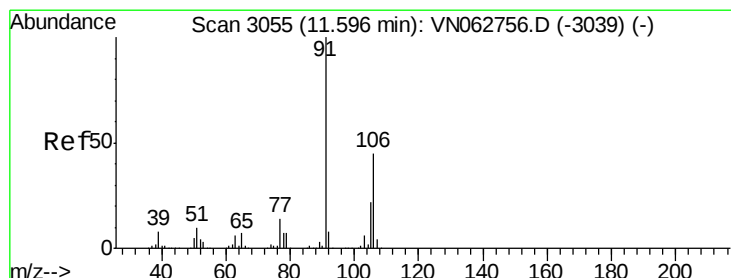
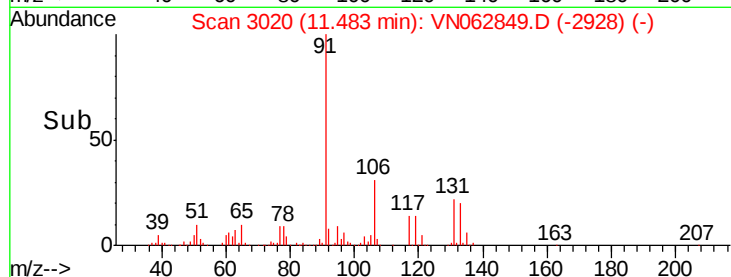
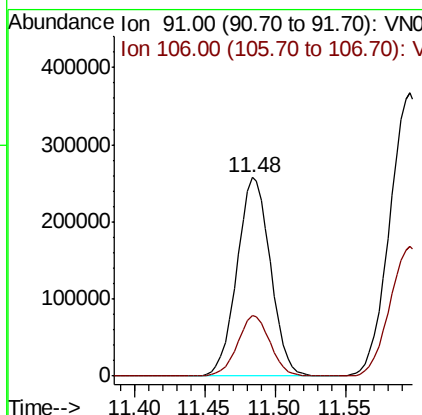
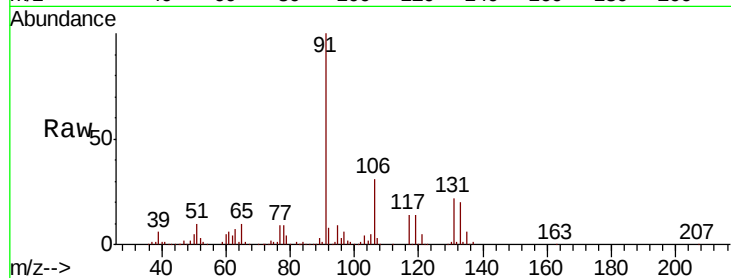




#67
Ethyl Benzene
Concen: 51.196 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062849.D
Acq: 12 Aug 2020 11:00

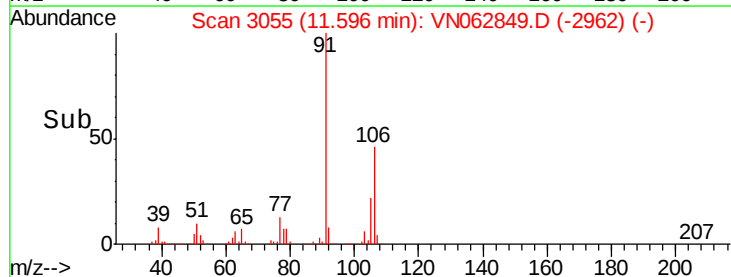
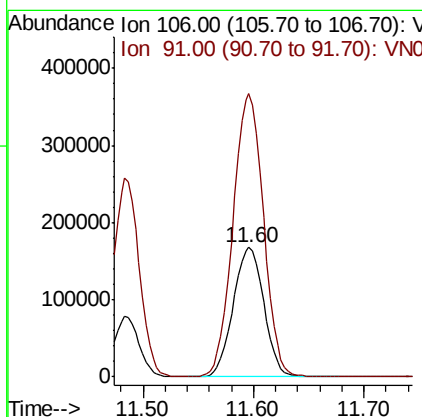
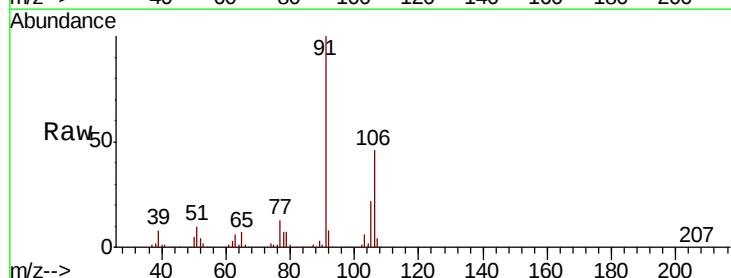
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 428820
Ion Ratio Lower Upper
91 100
106 30.8 23.2 34.8



#68
m/p-Xylenes
Concen: 106.166 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. -0.00 min
Lab File: VN062849.D
Acq: 12 Aug 2020 11:00

Tgt Ion: 106 Resp: 322797
Ion Ratio Lower Upper
106 100
91 216.6 175.9 263.9

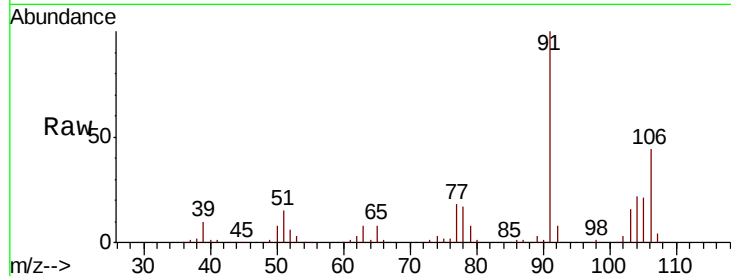




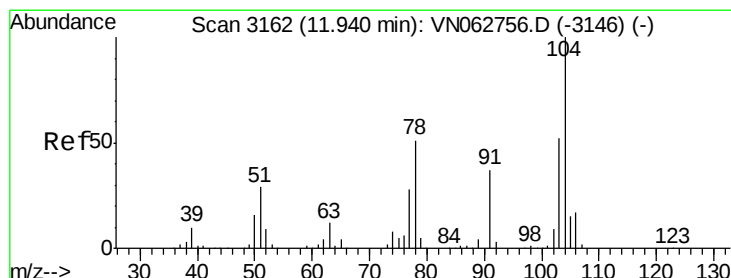
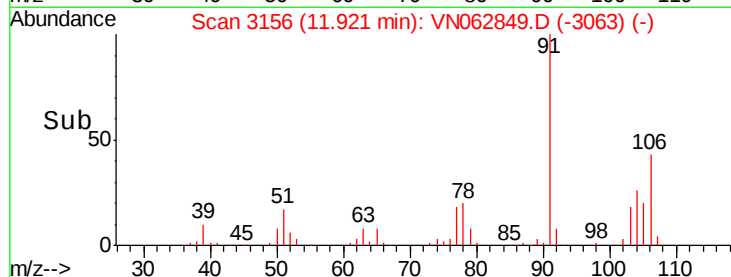
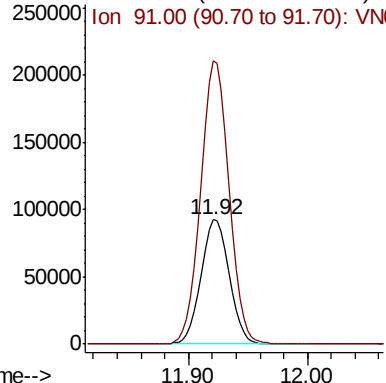
#69
o-Xylene
Concen: 53.709 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062849.D
Acq: 12 Aug 2020 11:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 153035
Ion Ratio Lower Upper
106 100
91 227.6 115.8 347.4

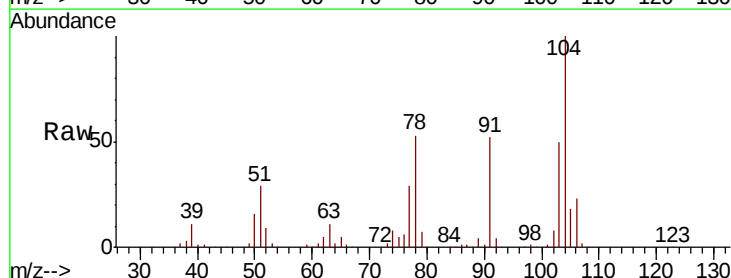


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

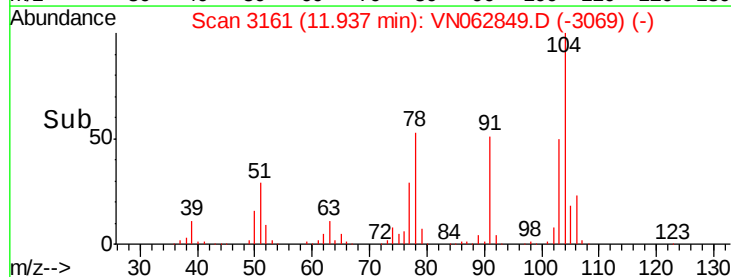
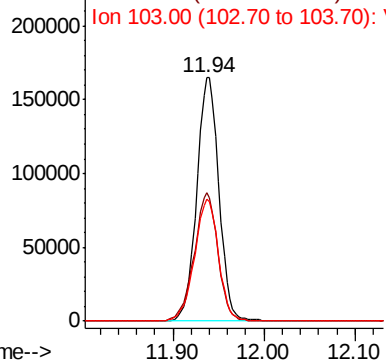


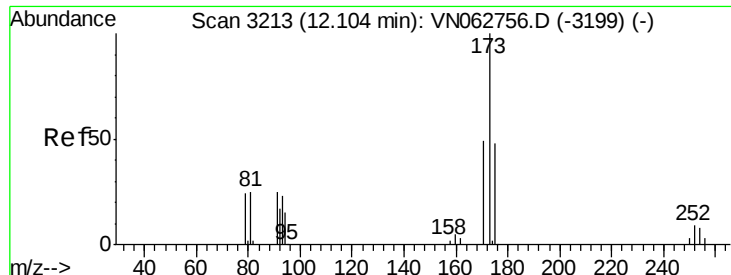
#70
Styrene
Concen: 55.698 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062849.D
Acq: 12 Aug 2020 11:00

Tgt Ion:104 Resp: 278959
Ion Ratio Lower Upper
104 100
78 56.4 45.9 68.9
103 54.1 45.1 67.7



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





#71

Bromoform

Concen: 49.713 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062849.D

Acq: 12 Aug 2020 11:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

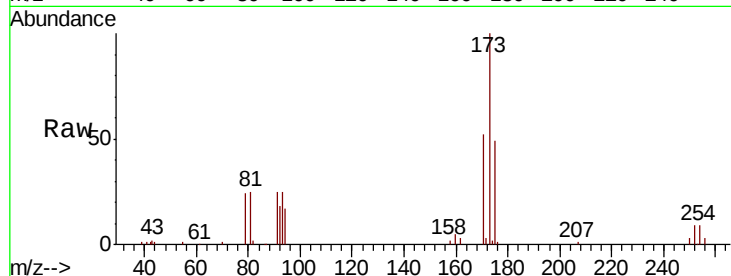
Tot Ion:173 Resp: 76453

Ion Ratio Lower Upper

173 100

175 48.8 24.0 72.0

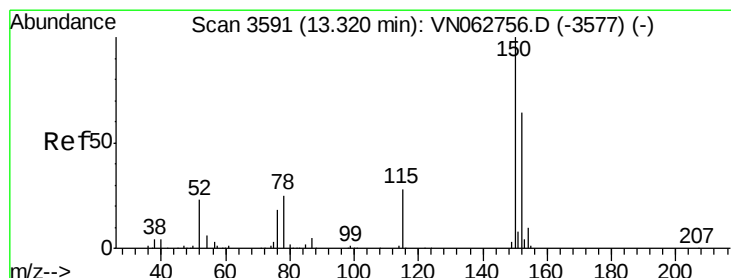
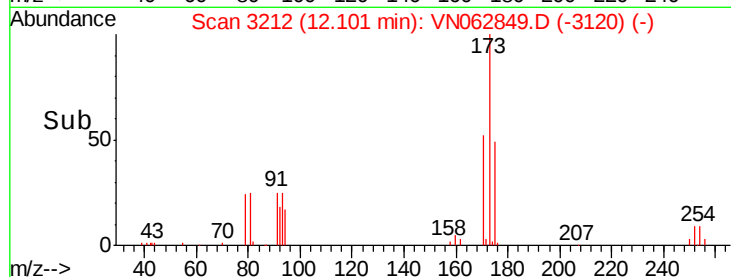
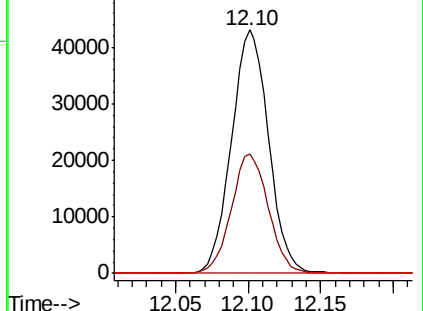
254 0.0 0.0 0.0



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: VN062849.D

Acq: 12 Aug 2020 11:00

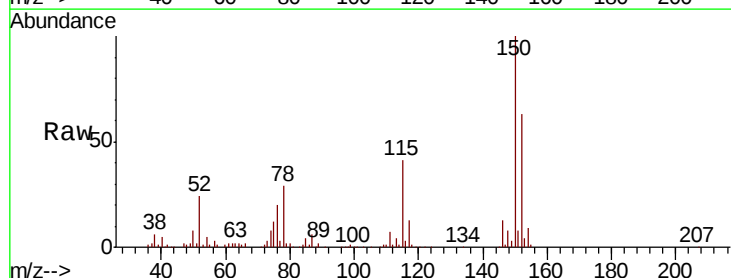
Tgt Ion:152 Resp: 115887

Ion Ratio Lower Upper

152 100

115 64.1 31.6 94.8

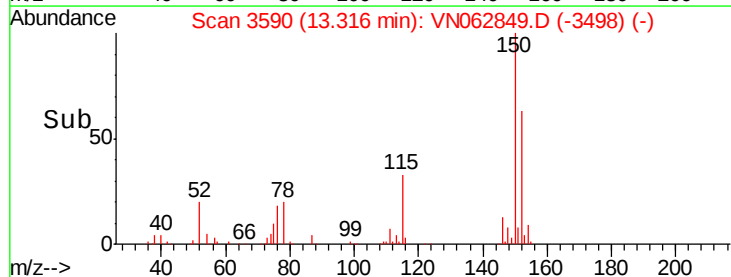
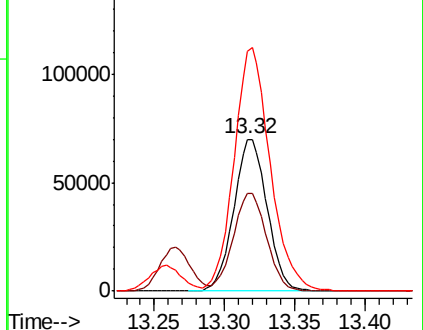
150 174.0 0.0 349.2

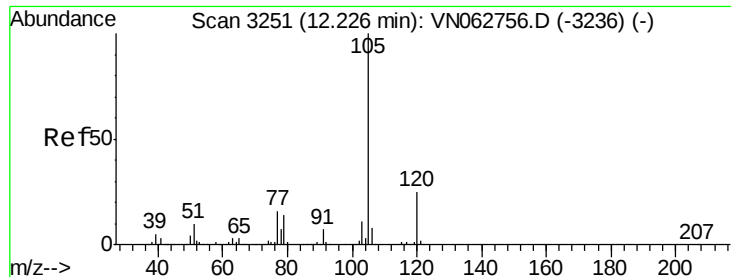


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.651 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062849.D

Acq: 12 Aug 2020 11:00

Instrument :

MSVOA_N

ClientSampleId :

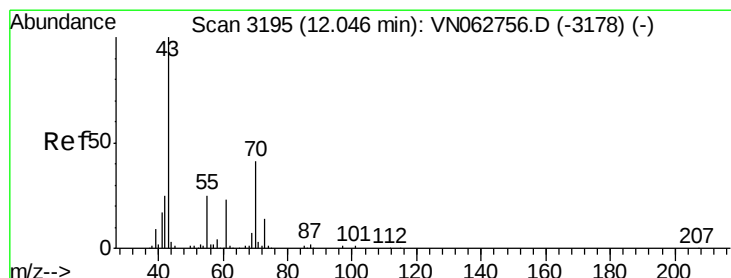
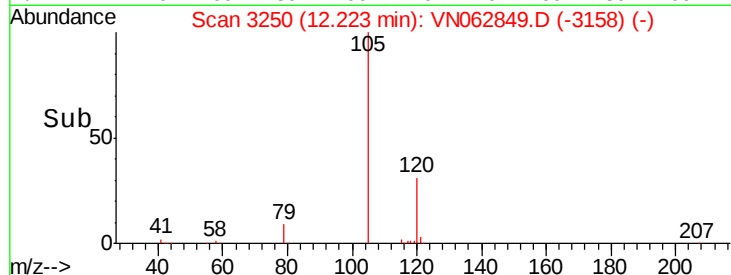
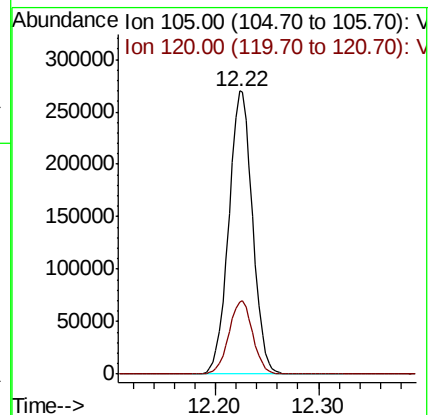
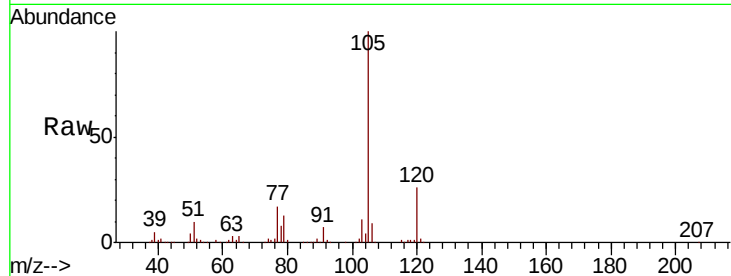
VSTDCCC050

Tot Ion:105 Resp: 433265

Ion Ratio Lower Upper

105 100

120 25.9 12.6 37.8



#74

N-ethyl acetate

Concen: 46.518 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN062849.D

Acq: 12 Aug 2020 11:00

Tgt Ion: 43 Resp: 164500

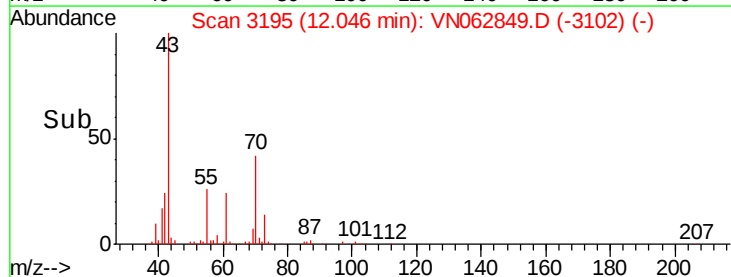
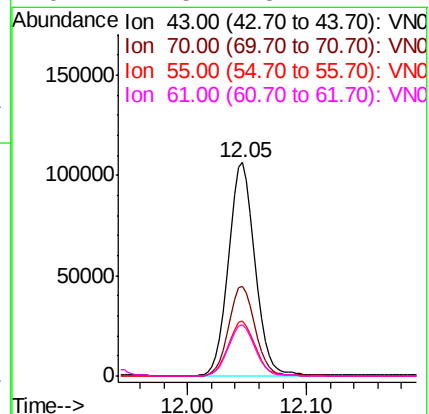
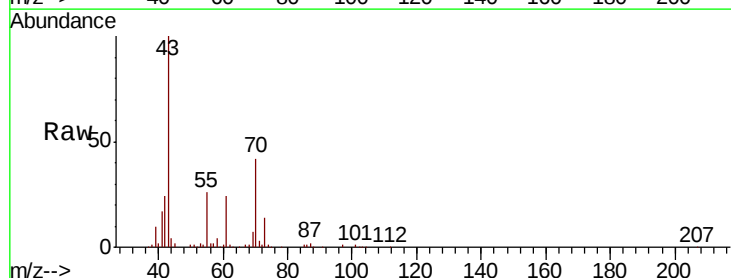
Ion Ratio Lower Upper

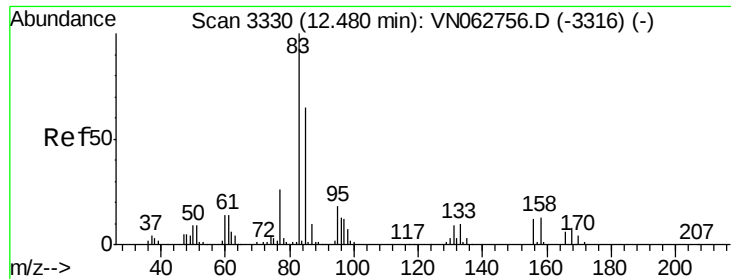
43 100

70 42.3 32.3 48.5

55 26.3 20.2 30.2

61 24.5 18.2 27.4





#75

1,1,2,2-Tetrachloroethane

Concen: 44.687 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VN062849.D

Acq: 12 Aug 2020 11:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

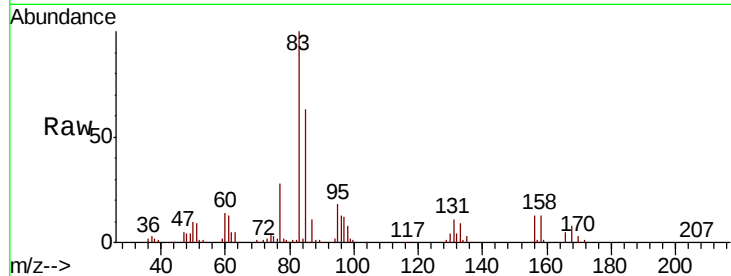
Tot Ion: 83 Resp: 137274

Ion Ratio Lower Upper

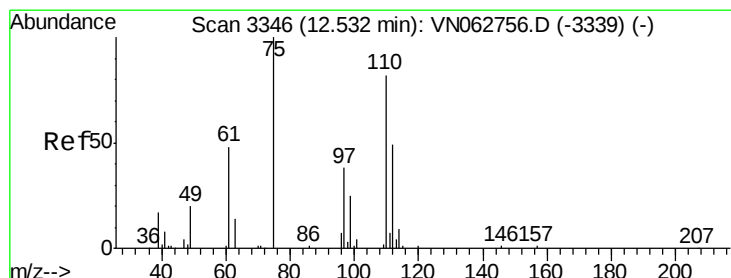
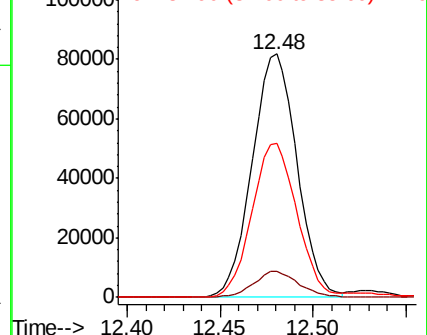
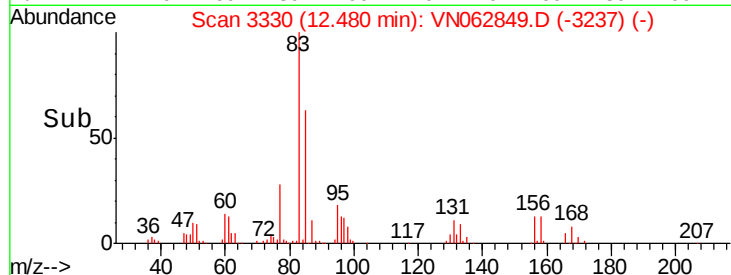
83 100

131 10.8 5.1 15.4

85 65.0 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VN062849.D (-3237) (-)



#76

1,2,3-Trichloropropane

Concen: 60.653 ug/l

RT: 12.53 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN062849.D

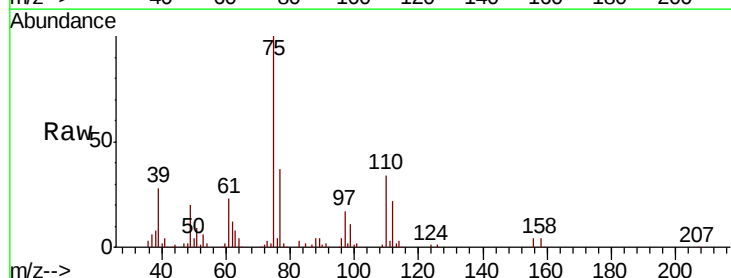
Acq: 12 Aug 2020 11:00

Tgt Ion: 75 Resp: 189562

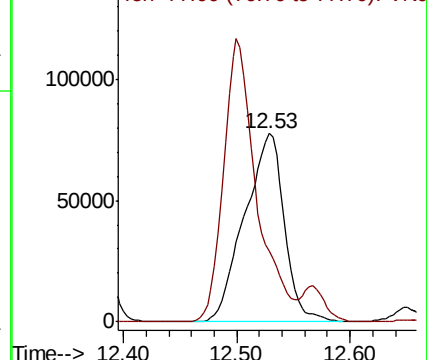
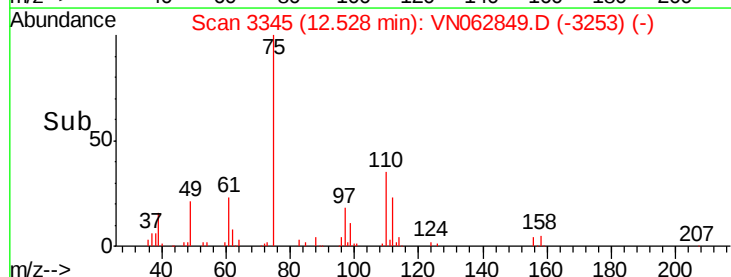
Ion Ratio Lower Upper

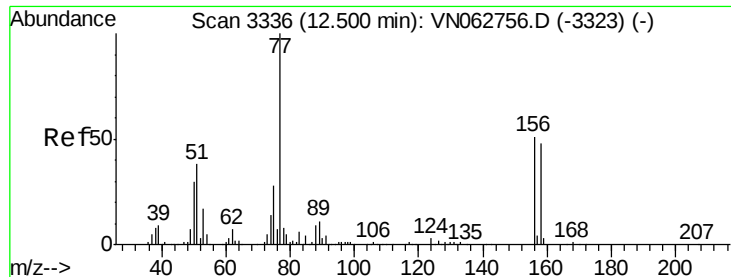
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN062849.D (-3253) (-)





#77

Bromobenzene

Concen: 47.747 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062849.D

Acq: 12 Aug 2020 11:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

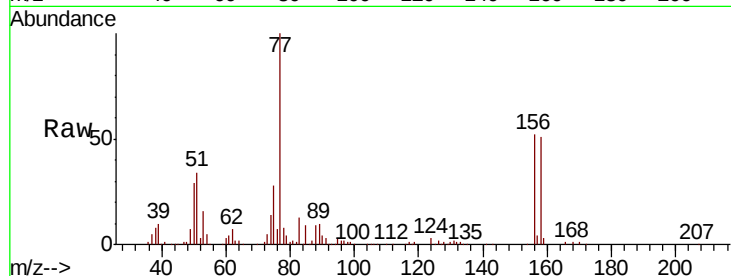
Tot Ion:156 Resp: 103525

Ion Ratio Lower Upper

156 100

77 227.2 119.7 359.1

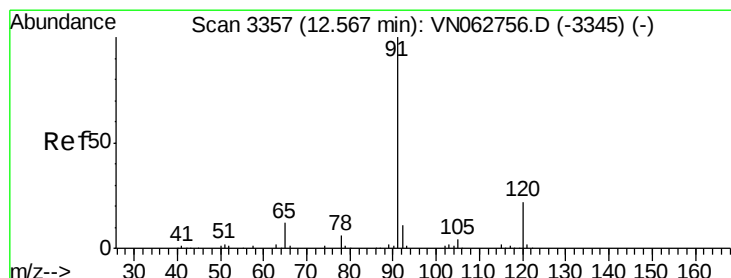
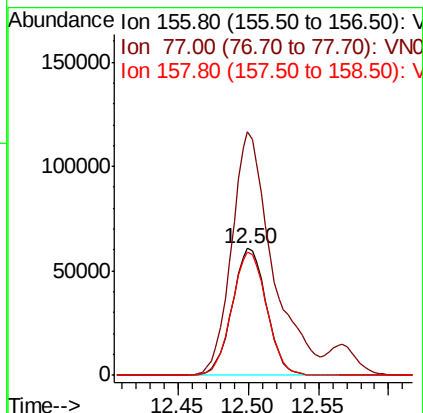
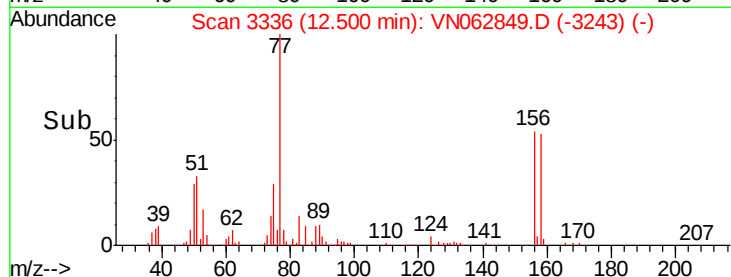
158 97.8 48.1 144.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.366 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062849.D

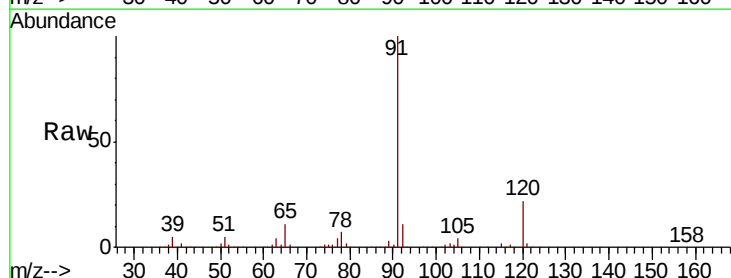
Acq: 12 Aug 2020 11:00

Tgt Ion: 91 Resp: 515915

Ion Ratio Lower Upper

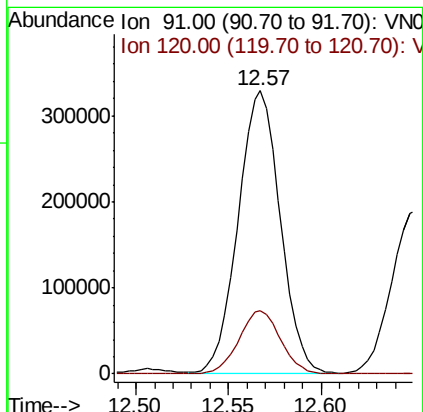
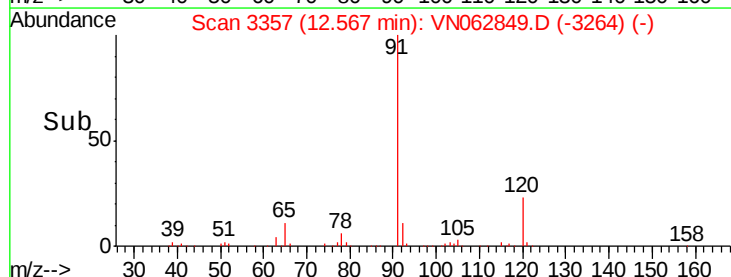
91 100

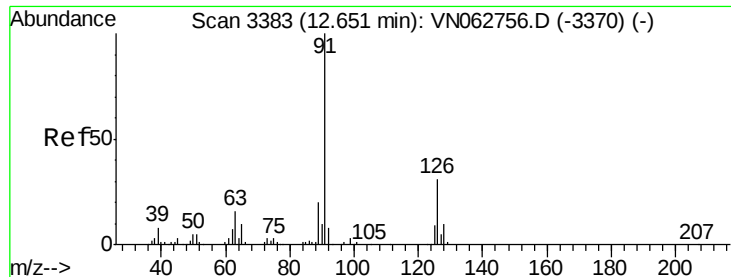
120 22.3 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

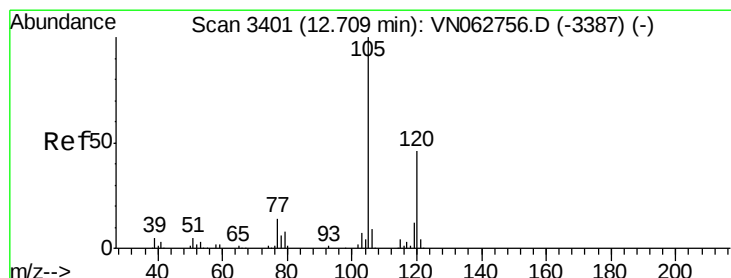
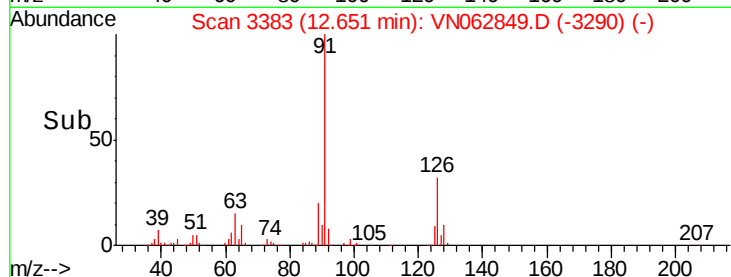
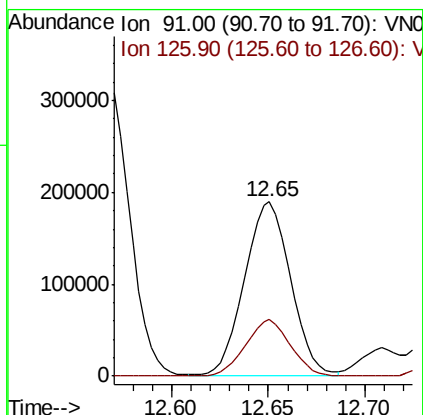
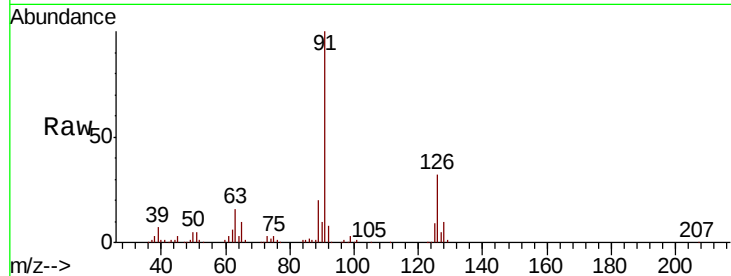




#79
2-Chlorotoluene
Concen: 48.617 ug/l
RT: 12.65 min Scan# 3383
Delta R.T. -0.00 min
Lab File: VN062849.D
Acq: 12 Aug 2020 11:00

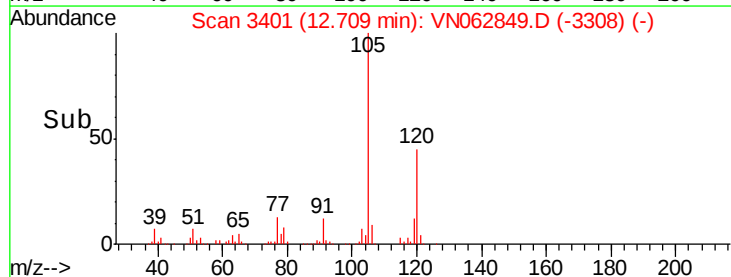
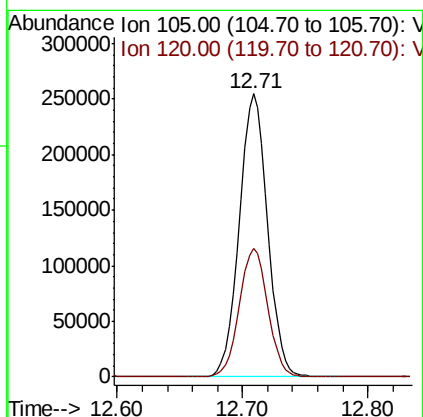
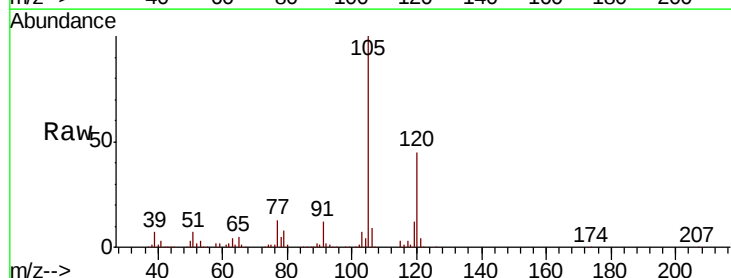
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

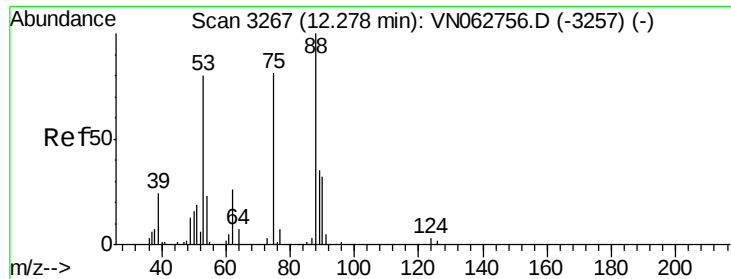
Tot Ion: 91 Resp: 312290
Ion Ratio Lower Upper
91 100
126 31.8 15.6 46.7



#80
1,3,5-Trimethylbenzene
Concen: 52.380 ug/l
RT: 12.71 min Scan# 3401
Delta R.T. -0.00 min
Lab File: VN062849.D
Acq: 12 Aug 2020 11:00

Tgt Ion: 105 Resp: 396536
Ion Ratio Lower Upper
105 100
120 46.1 22.9 68.5

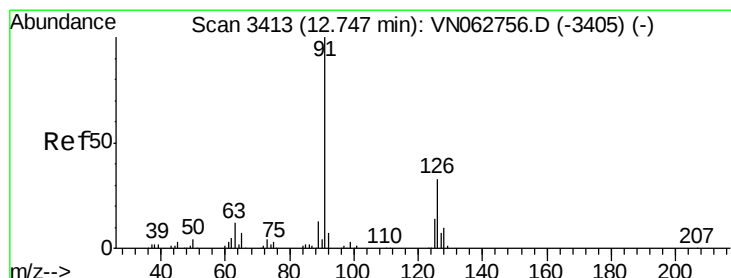
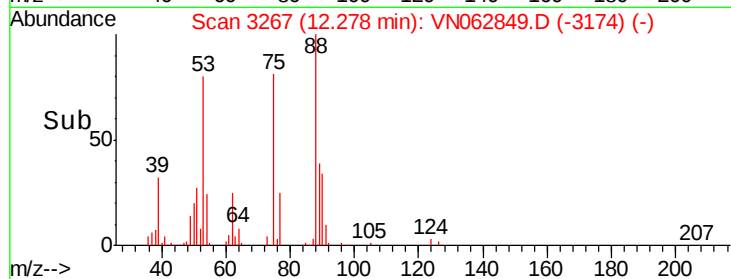
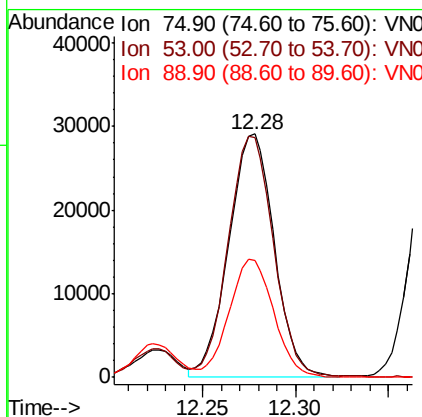
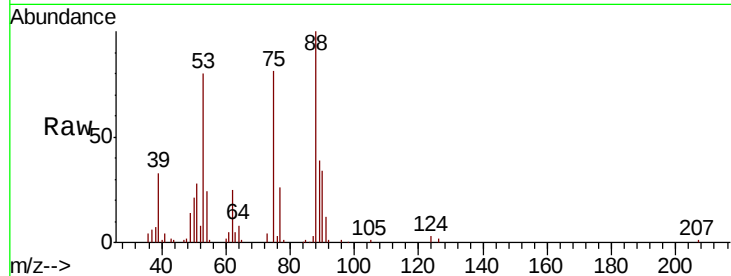




#81
trans-1,4-Dichloro-2-butene
Concen: 48.431 ug/l
RT: 12.28 min Scan# 3267
Delta R.T. -0.00 min
Lab File: VN062849.D
Acq: 12 Aug 2020 11:00

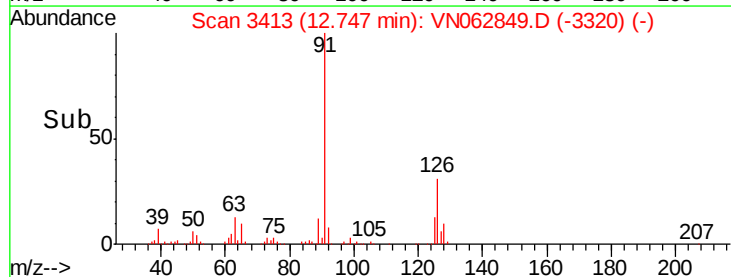
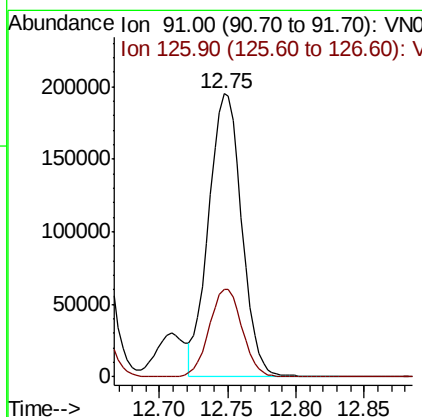
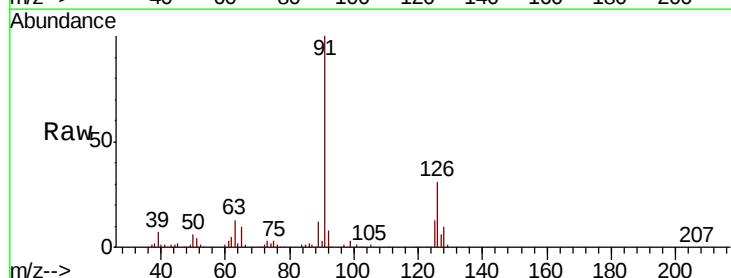
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

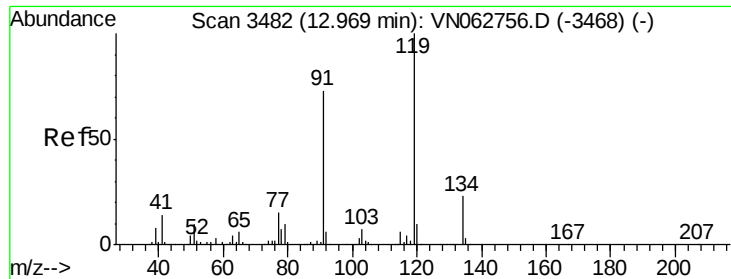
Tot Ion: 75 Resp: 49583
Ion Ratio Lower Upper
75 100
53 97.7 79.1 118.7
89 47.7 36.2 54.2



#82
4-Chlorotoluene
Concen: 49.561 ug/l
RT: 12.75 min Scan# 3413
Delta R.T. -0.00 min
Lab File: VN062849.D
Acq: 12 Aug 2020 11:00

Tgt Ion: 91 Resp: 328074
Ion Ratio Lower Upper
91 100
126 31.1 15.3 45.9

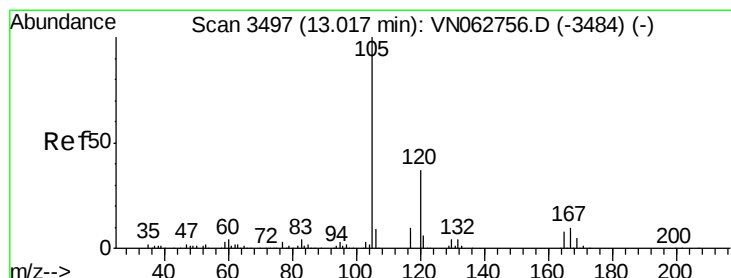
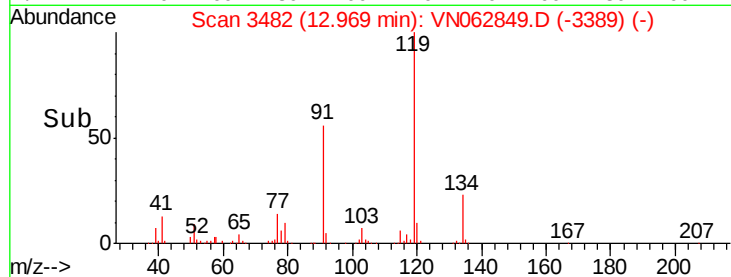
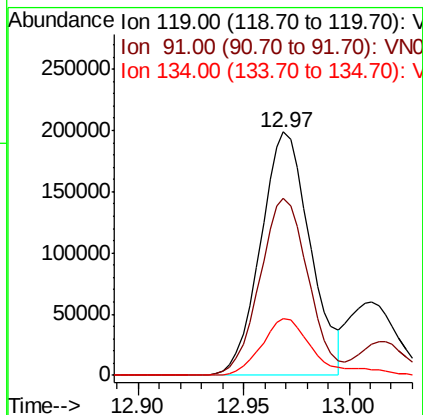
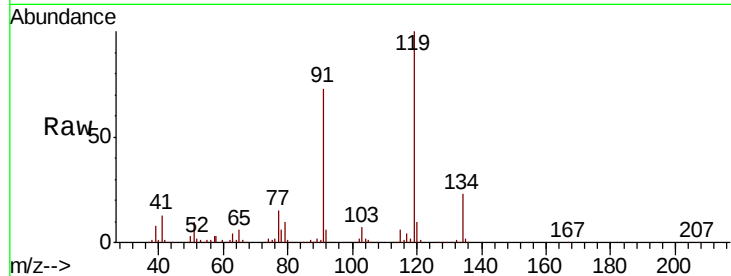




#83
 tert-Butylbenzene
 Concen: 50.723 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062849.D
 Acq: 12 Aug 2020 11:00

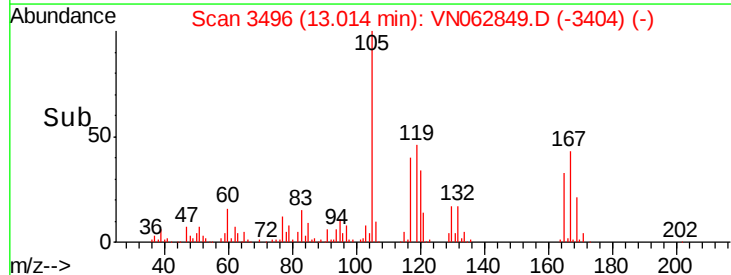
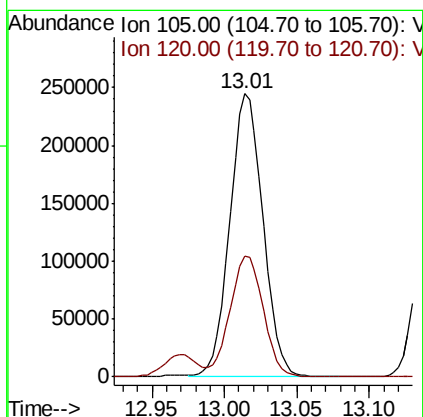
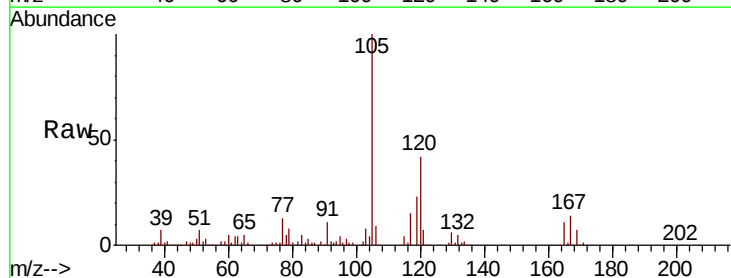
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

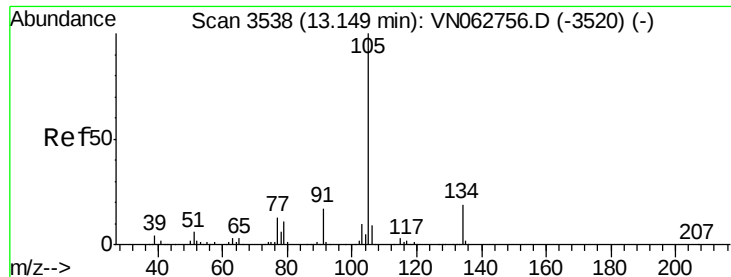
Tot Ion:119 Resp: 324923
 Ion Ratio Lower Upper
 119 100
 91 71.4 36.5 109.5
 134 24.9 11.3 33.8



#84
 1,2,4-Trimethylbenzene
 Concen: 53.444 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062849.D
 Acq: 12 Aug 2020 11:00

Tgt Ion:105 Resp: 387069
 Ion Ratio Lower Upper
 105 100
 120 42.9 21.4 64.2





#85

sec-Butylbenzene

Concen: 51.703 ug/l

RT: 13.15 min Scan# 3538

Delta R.T. -0.00 min

Lab File: VN062849.D

Acq: 12 Aug 2020 11:00

Instrument :

MSVOA_N

ClientSampleId :

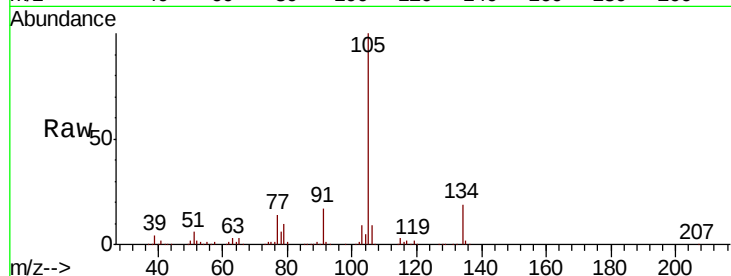
VSTDCCC050

Tot Ion:105 Resp: 434933

Ion Ratio Lower Upper

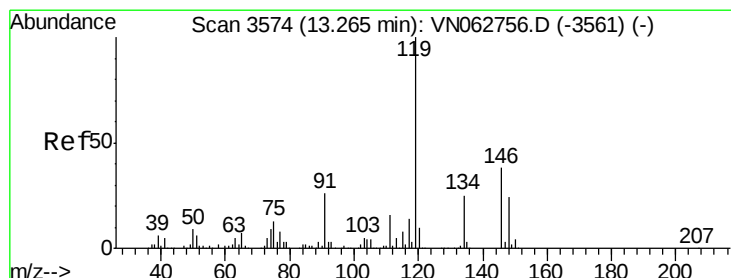
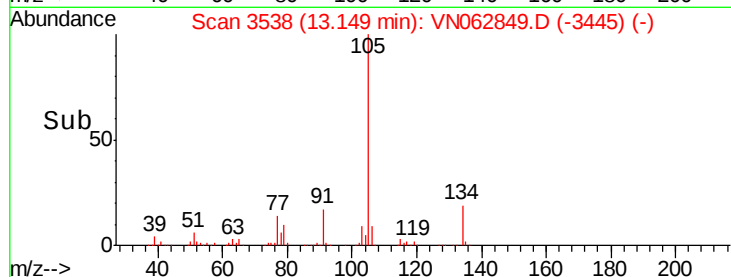
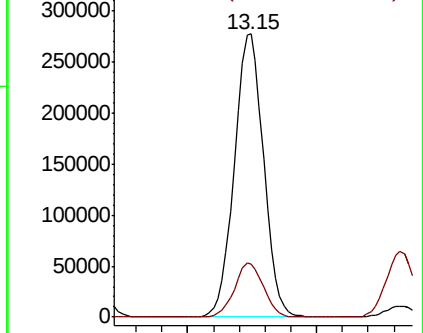
105 100

134 19.1 9.6 28.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.816 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062849.D

Acq: 12 Aug 2020 11:00

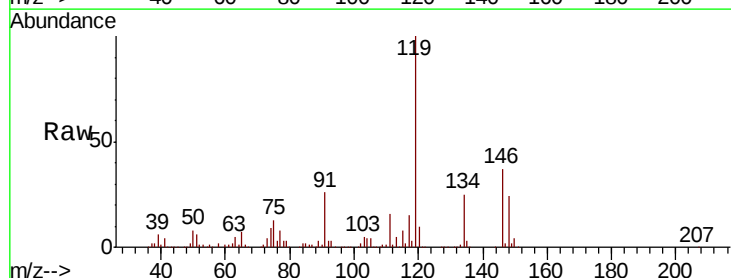
Tgt Ion:119 Resp: 394379

Ion Ratio Lower Upper

119 100

134 25.1 12.6 37.8

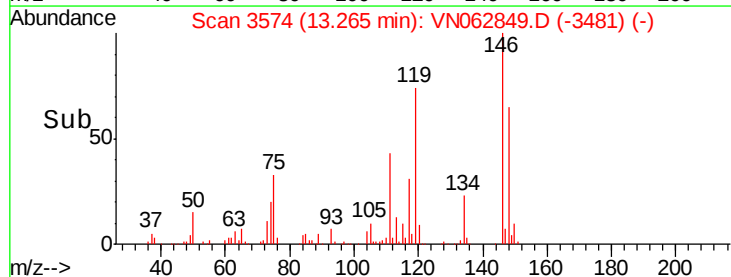
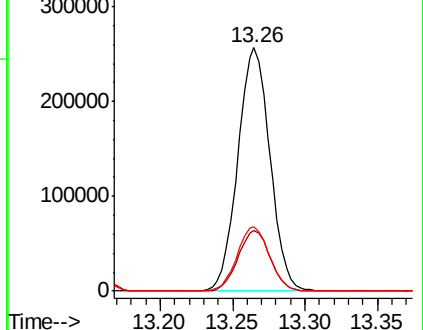
91 26.6 13.4 40.2

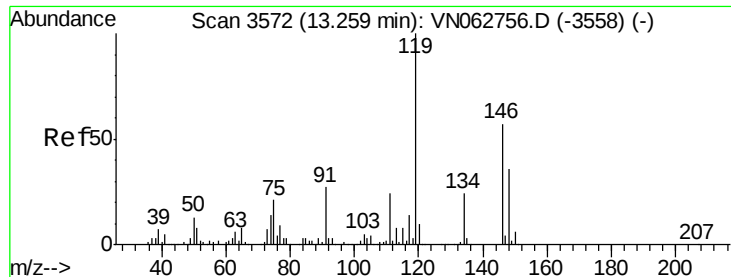


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

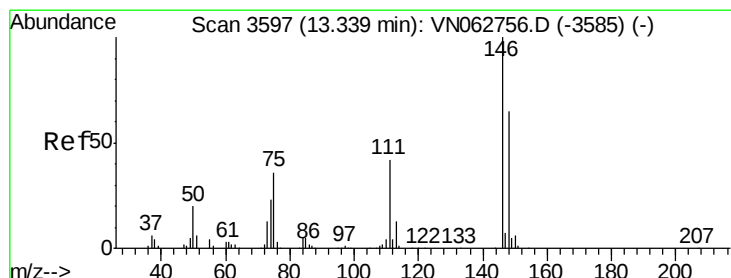
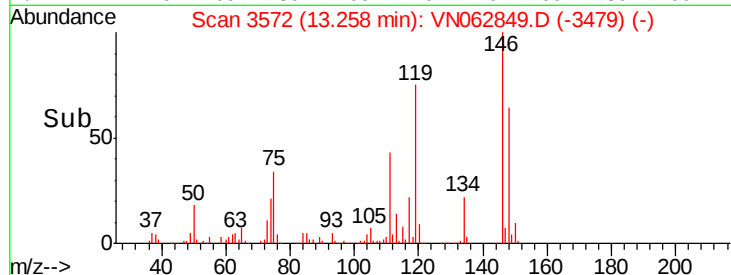
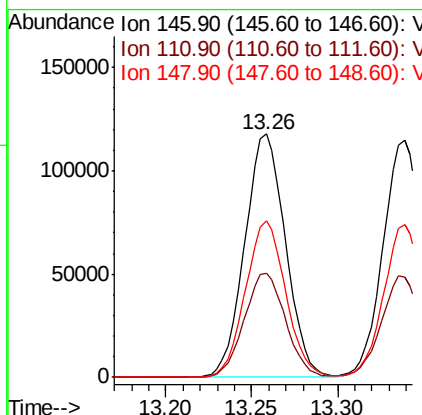
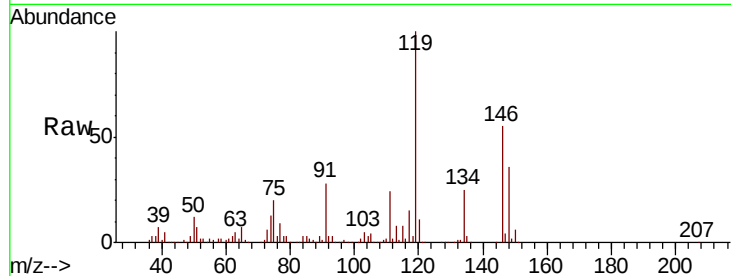




#87
 1,3-Dichlorobenzene
 Concen: 50.117 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062849.D
 Acq: 12 Aug 2020 11:00

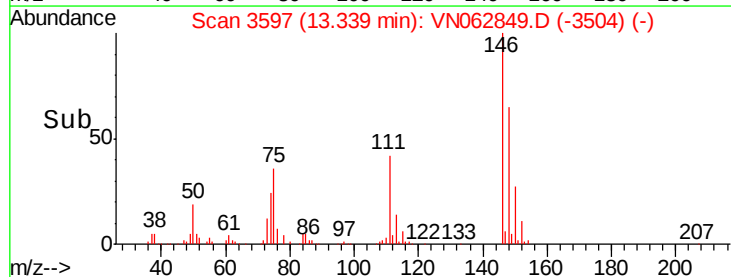
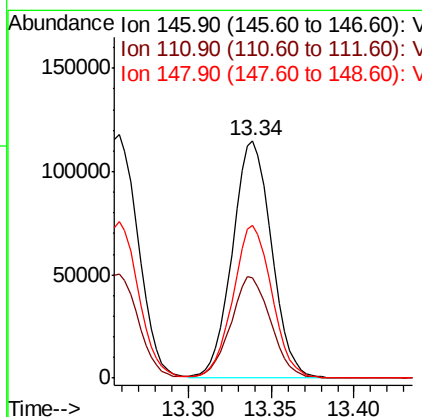
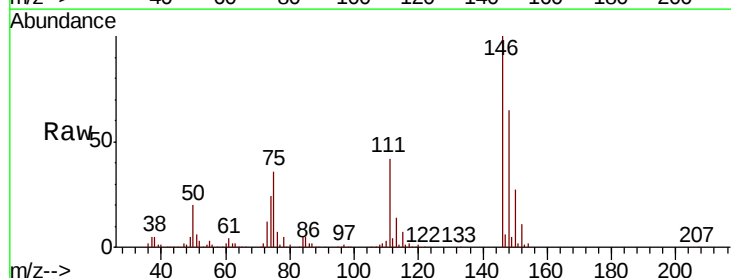
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

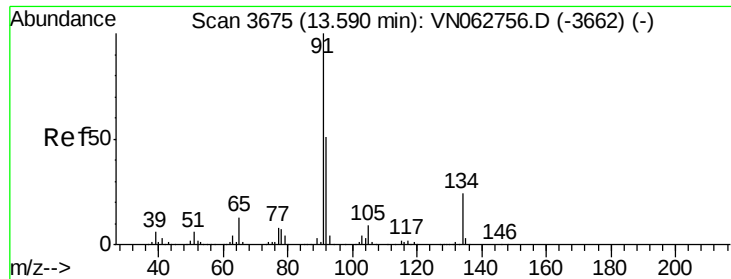
Tot Ion:146 Resp: 194124
 Ion Ratio Lower Upper
 146 100
 111 43.4 21.7 65.1
 148 63.5 31.4 94.2



#88
 1,4-Dichlorobenzene
 Concen: 48.404 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062849.D
 Acq: 12 Aug 2020 11:00

Tgt Ion:146 Resp: 188049
 Ion Ratio Lower Upper
 146 100
 111 43.6 21.6 64.6
 148 64.1 32.6 97.8

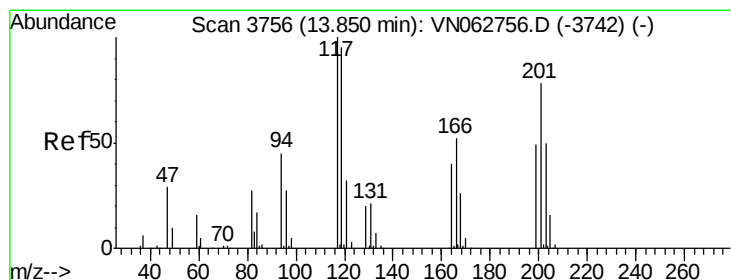
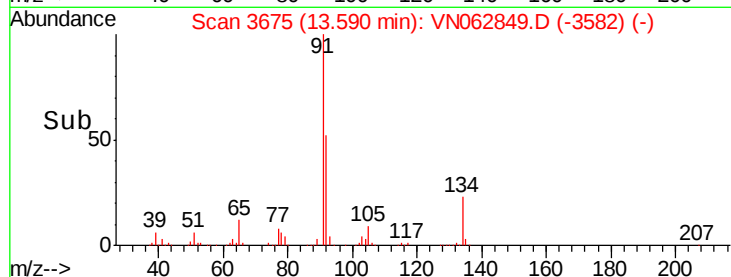
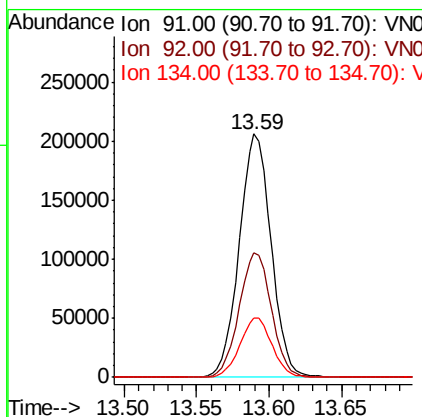
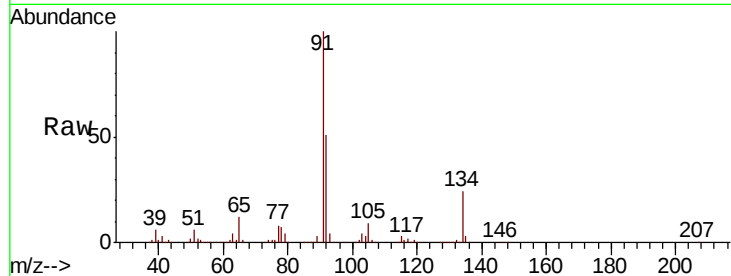




#89
n-Butylbenzene
Concen: 49.997 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062849.D
Acq: 12 Aug 2020 11:00

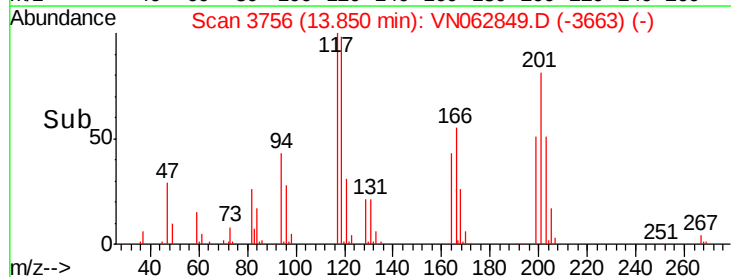
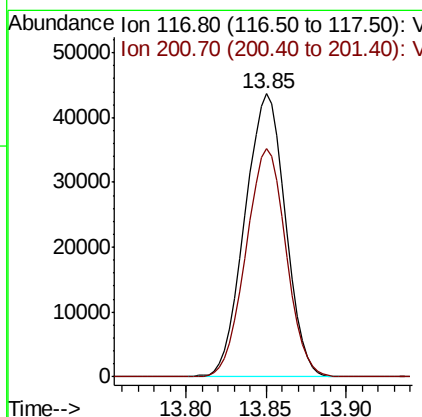
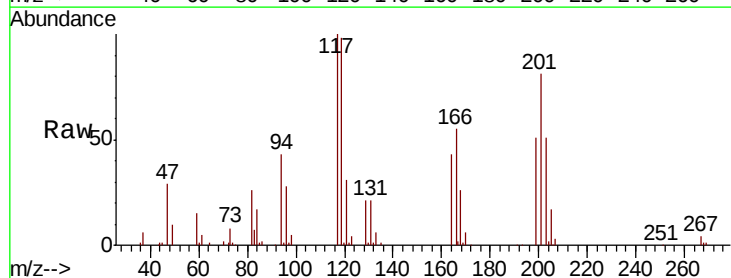
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

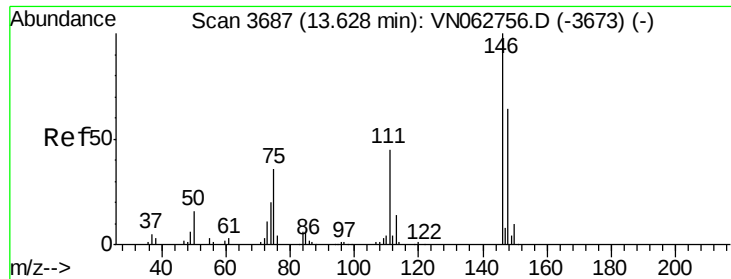
Tot Ion: 91 Resp: 315739
Ion Ratio Lower Upper
91 100
92 51.9 25.7 77.0
134 24.5 12.2 36.6



#90
Hexachloroethane
Concen: 46.937 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN062849.D
Acq: 12 Aug 2020 11:00

Tgt Ion: 117 Resp: 75546
Ion Ratio Lower Upper
117 100
201 80.0 39.2 117.6

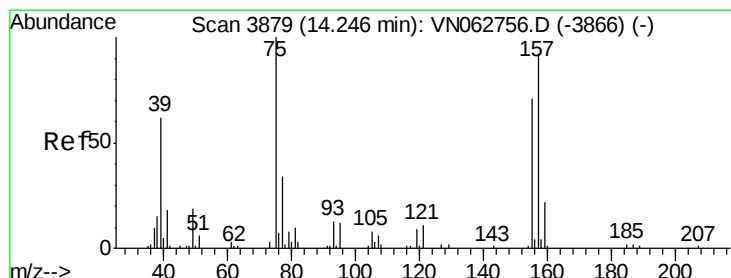
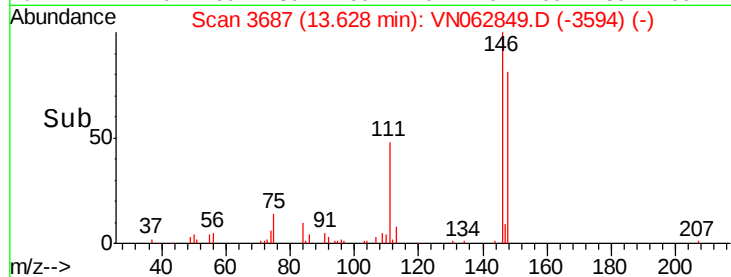
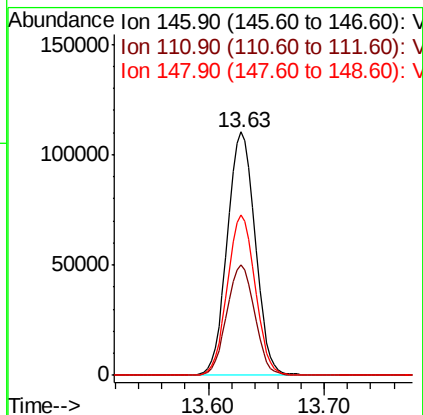
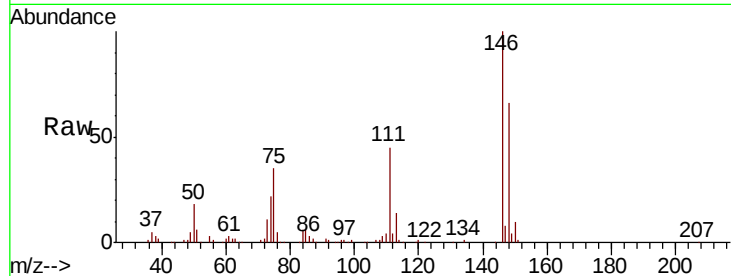




#91
 1,2-Dichlorobenzene
 Concen: 50.549 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062849.D
 Acq: 12 Aug 2020 11:00

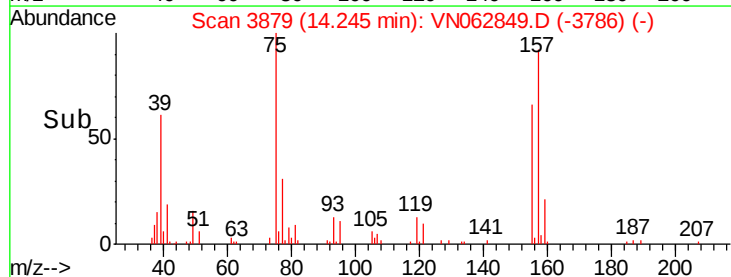
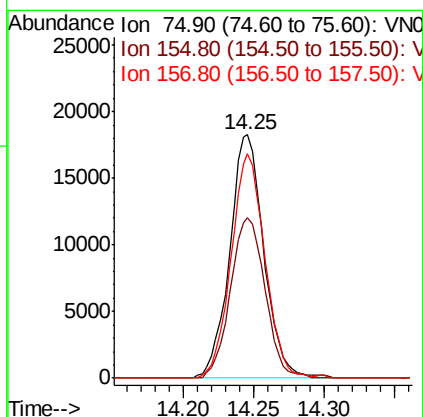
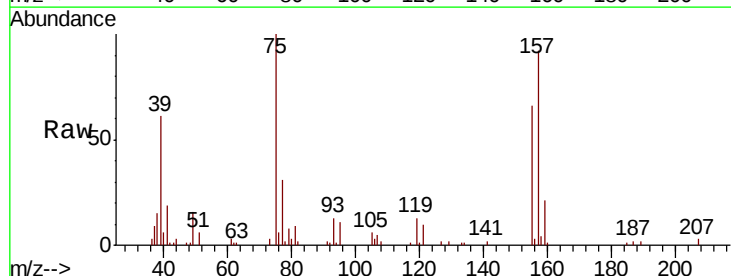
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:	146	Resp:	183565
Ion	Ratio	Lower	Upper
146	100		
111	45.1	22.8	68.4
148	65.5	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.908 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN062849.D
 Acq: 12 Aug 2020 11:00

Tgt Ion:	75	Resp:	30935
Ion	Ratio	Lower	Upper
75	100		
155	66.6	35.0	105.1
157	91.3	43.2	129.6

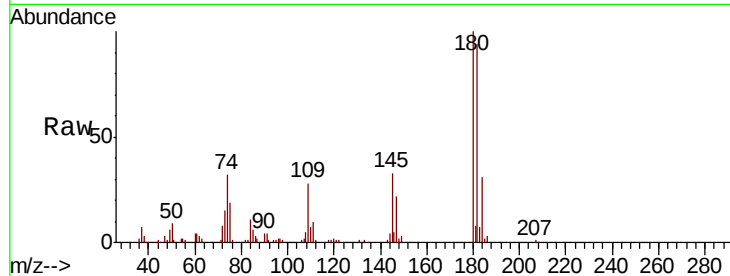




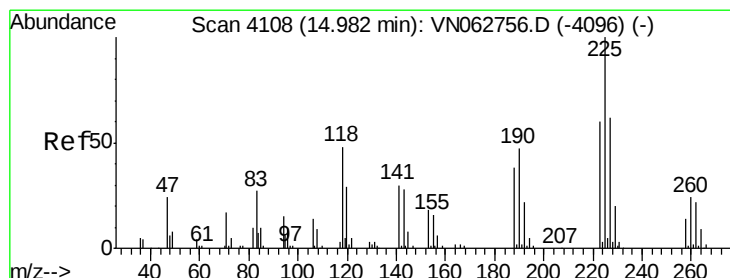
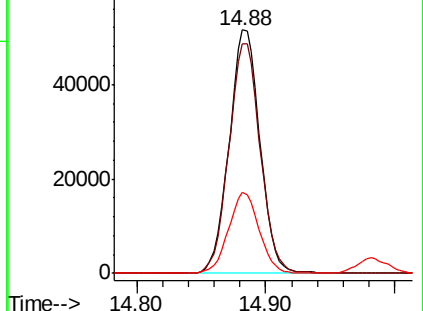
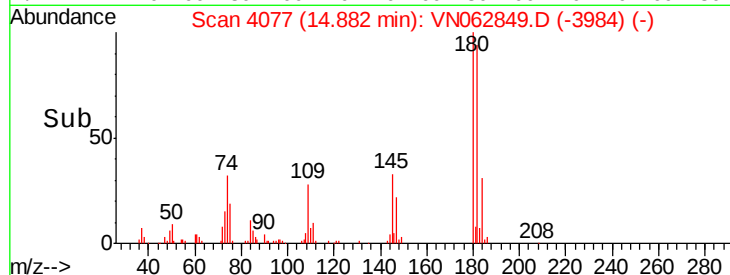
#93
 1,2,4-Trichlorobenzene
 Concen: 44.114 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062849.D
 Acq: 12 Aug 2020 11:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:180 Resp: 85217
 Ion Ratio Lower Upper
 180 100
 182 96.3 49.1 147.4
 145 33.1 16.3 48.8

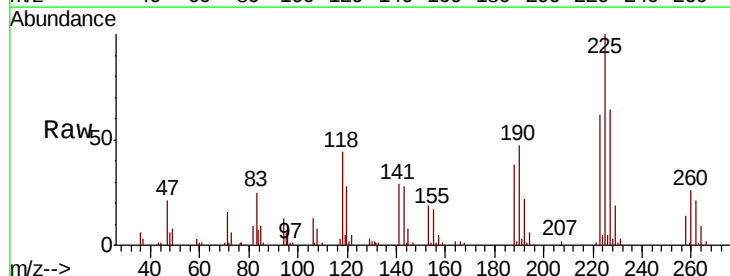


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

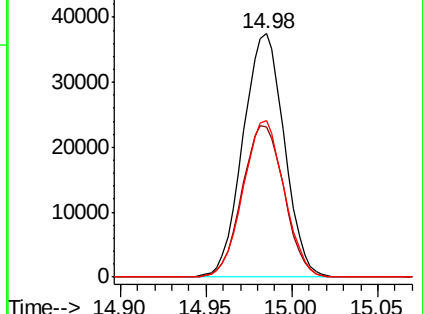
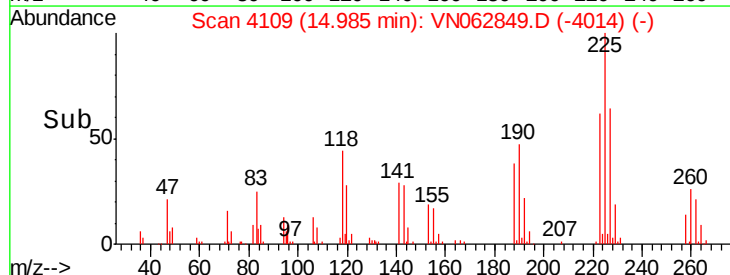


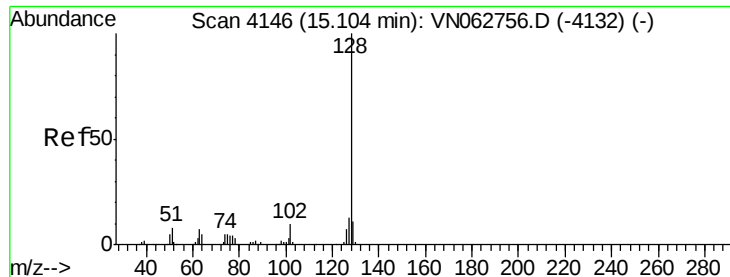
#94
 Hexachlorobutadiene
 Concen: 54.877 ug/l
 RT: 14.98 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN062849.D
 Acq: 12 Aug 2020 11:00

Tgt Ion:225 Resp: 62551
 Ion Ratio Lower Upper
 225 100
 223 63.2 30.6 92.0
 227 63.7 31.6 95.0



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

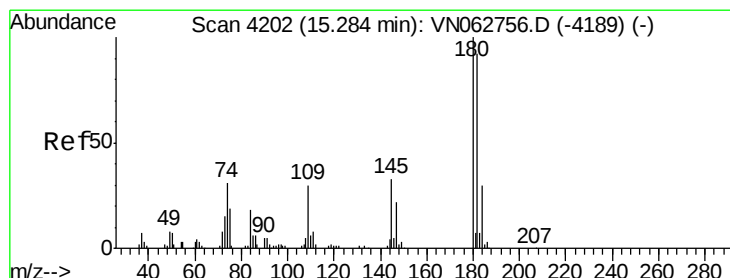
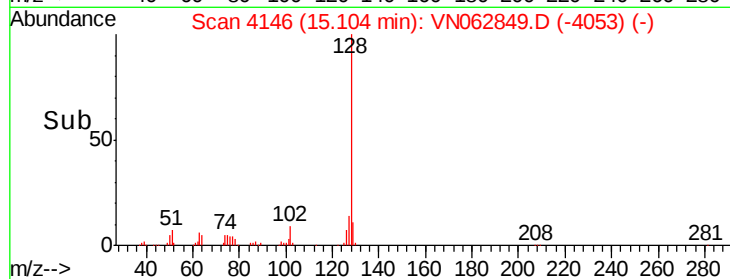
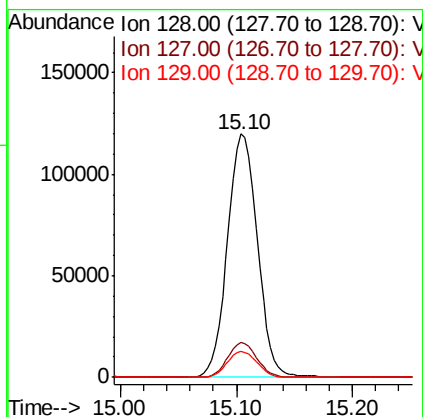
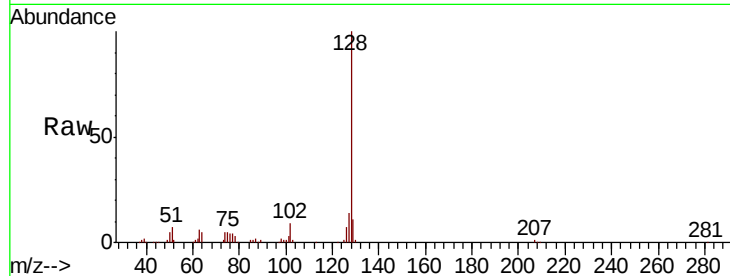




#95
Naphthalene
Concen: 41.158 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN062849.D
Acq: 12 Aug 2020 11:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 215493
Ion Ratio Lower Upper
128 100
127 13.9 10.8 16.2
129 10.7 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 46.638 ug/l
RT: 15.29 min Scan# 4203
Delta R.T. 0.00 min
Lab File: VN062849.D
Acq: 12 Aug 2020 11:00

Tgt Ion:180 Resp: 89273
Ion Ratio Lower Upper
180 100
182 94.3 47.9 143.6
145 34.8 17.3 51.7

