

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080620\
 Data File : VN062765.D
 Acq On : 6 Aug 2020 14:41
 Operator : JC/MD
 Sample : VN0806WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBSD01

Quant Time: Aug 07 03:05:43 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	7.63	168	160943	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	257176	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	244232	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	110978	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	127265	47.82	ug/l	0.00
Spiked Amount						
			Recovery	=	95.64%	
35) Dibromofluoromethane	7.55	113	86221	49.01	ug/l	0.00
Spiked Amount						
			Recovery	=	98.02%	
50) Toluene-d8	10.06	98	328162	47.78	ug/l	0.00
Spiked Amount						
			Recovery	=	95.56%	
62) 4-Bromofluorobenzene	12.38	95	124317	47.90	ug/l	0.00
Spiked Amount						
			Recovery	=	95.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	47822	20.750	ug/l	99
3) Chloromethane	2.03	50	48281	22.200	ug/l	96
4) Vinyl Chloride	2.16	62	46209	22.654	ug/l	100
5) Bromomethane	2.52	94	26314	19.487	ug/l	97
6) Chloroethane	2.66	64	26580	19.807	ug/l	96
7) Trichlorofluoromethane	2.98	101	68635	18.870	ug/l	96
8) Diethyl Ether	3.37	74	20370	19.563	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	29970	19.901	ug/l	97
10) Methyl Iodide	3.90	142	32623	18.505	ug/l	96
11) Tert butyl alcohol	4.74	59	41796	95.816	ug/l	100
12) 1,1-Dichloroethene	3.69	96	26940	18.929	ug/l	98
13) Acrolein	3.56	56	19642	74.370	ug/l	97
14) Allyl chloride	4.27	41	52815	18.744	ug/l	96
15) Acrylonitrile	4.93	53	101216	100.041	ug/l	99
16) Acetone	3.78	43	91151	94.781	ug/l	99
17) Carbon Disulfide	4.00	76	73036	18.178	ug/l	98
18) Methyl Acetate	4.28	43	50013	21.340	ug/l	95
19) Methyl tert-butyl Ether	4.99	73	120123	19.264	ug/l	99
20) Methylene Chloride	4.50	84	36071	20.040	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	28732	17.840	ug/l	97
22) Diisopropyl ether	5.90	45	121368	20.233	ug/l	92
23) Vinyl Acetate	5.84	43	428800	93.983	ug/l	100
24) 1,1-Dichloroethane	5.80	63	63766	18.140	ug/l	98
25) 2-Butanone	6.79	43	135825	99.720	ug/l	99
26) 2,2-Dichloropropane	6.77	77	54604	16.852	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	35207	18.223	ug/l	97
28) Bromochloromethane	7.15	49	34218	20.169	ug/l	100
29) Tetrahydrofuran	7.17	42	90095	101.815	ug/l	98
30) Chloroform	7.33	83	69238	18.534	ug/l	98
31) Cyclohexane	7.62	56	61161	18.954	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	57875	17.328	ug/l	97
36) 1,1-Dichloropropene	7.75	75	45542	18.187	ug/l	98
37) Ethyl Acetate	6.88	43	52489	20.066	ug/l	96
38) Carbon Tetrachloride	7.73	117	50334	16.995	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.05	83	58236	19.324	ug/l	94
40) Benzene	8.00	78	136412	18.255	ug/l	98
41) Methacrylonitrile	7.12	41	23348	19.780	ug/l #	67
42) 1,2-Dichloroethane	8.08	62	58186	18.295	ug/l	99
43) Isopropyl Acetate	8.13	43	85075	19.499	ug/l	99
44) Trichloroethene	8.80	130	32803	18.018	ug/l	99
45) 1,2-Dichloropropane	9.08	63	38650	19.111	ug/l	100
46) Dibromomethane	9.17	93	25817	19.483	ug/l	98
47) Bromodichloromethane	9.37	83	56323	18.925	ug/l	98
48) Methyl methacrylate	9.17	41	40469	18.857	ug/l	97
49) 1,4-Dioxane	9.17	88	16351	411.187	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	285736	101.217	ug/l	99
52) Toluene	10.12	92	83685	18.138	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	58886	17.988	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	61193	18.618	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	37067	18.811	ug/l	93
56) Ethyl methacrylate	10.40	69	57965	19.544	ug/l	99
57) 1,3-Dichloropropane	10.68	76	63613	19.000	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	80531	96.058	ug/l	100
59) 2-Hexanone	10.72	43	207577	98.574	ug/l	99
60) Dibromochloromethane	10.87	129	40484	18.004	ug/l	100
61) 1,2-Dibromoethane	10.98	107	37009	19.034	ug/l	100
64) Tetrachloroethene	10.60	164	28966	18.382	ug/l	94
65) Chlorobenzene	11.41	112	93355	18.286	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	37878	18.475	ug/l	98
67) Ethyl Benzene	11.49	91	167689	18.355	ug/l	100
68) m/p-Xylenes	11.60	106	122984	37.084	ug/l	98
69) o-Xylene	11.92	106	57006	18.342	ug/l	97
70) Styrene	11.94	104	102367	18.739	ug/l	98
71) Bromoform	12.10	173	29301	17.468	ug/l #	96
73) Isopropylbenzene	12.23	105	162933	19.497	ug/l	99
74) N-amyl acetate	12.05	43	69869	20.632	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	58698	19.953	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	76312	25.497	ug/l #	100
77) Bromobenzene	12.50	156	38735	18.655	ug/l	96
78) n-propylbenzene	12.57	91	195482	19.928	ug/l	100
79) 2-Chlorotoluene	12.65	91	118033	19.188	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	144326	19.908	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	18130	18.492	ug/l	94
82) 4-Chlorotoluene	12.75	91	122631	19.345	ug/l	100
83) tert-Butylbenzene	12.97	119	120954	19.717	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	143035	20.623	ug/l	100
85) sec-Butylbenzene	13.15	105	161717	20.075	ug/l	100
86) p-Isopropyltoluene	13.26	119	144035	20.143	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	70750	19.074	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	70347	18.908	ug/l	100
89) n-Butylbenzene	13.59	91	116886	19.327	ug/l	99
90) Hexachloroethane	13.85	117	28760	18.659	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	68915	19.817	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	12339	19.538	ug/l	98

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Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:26:42 2020
Response via : Initial Calibration

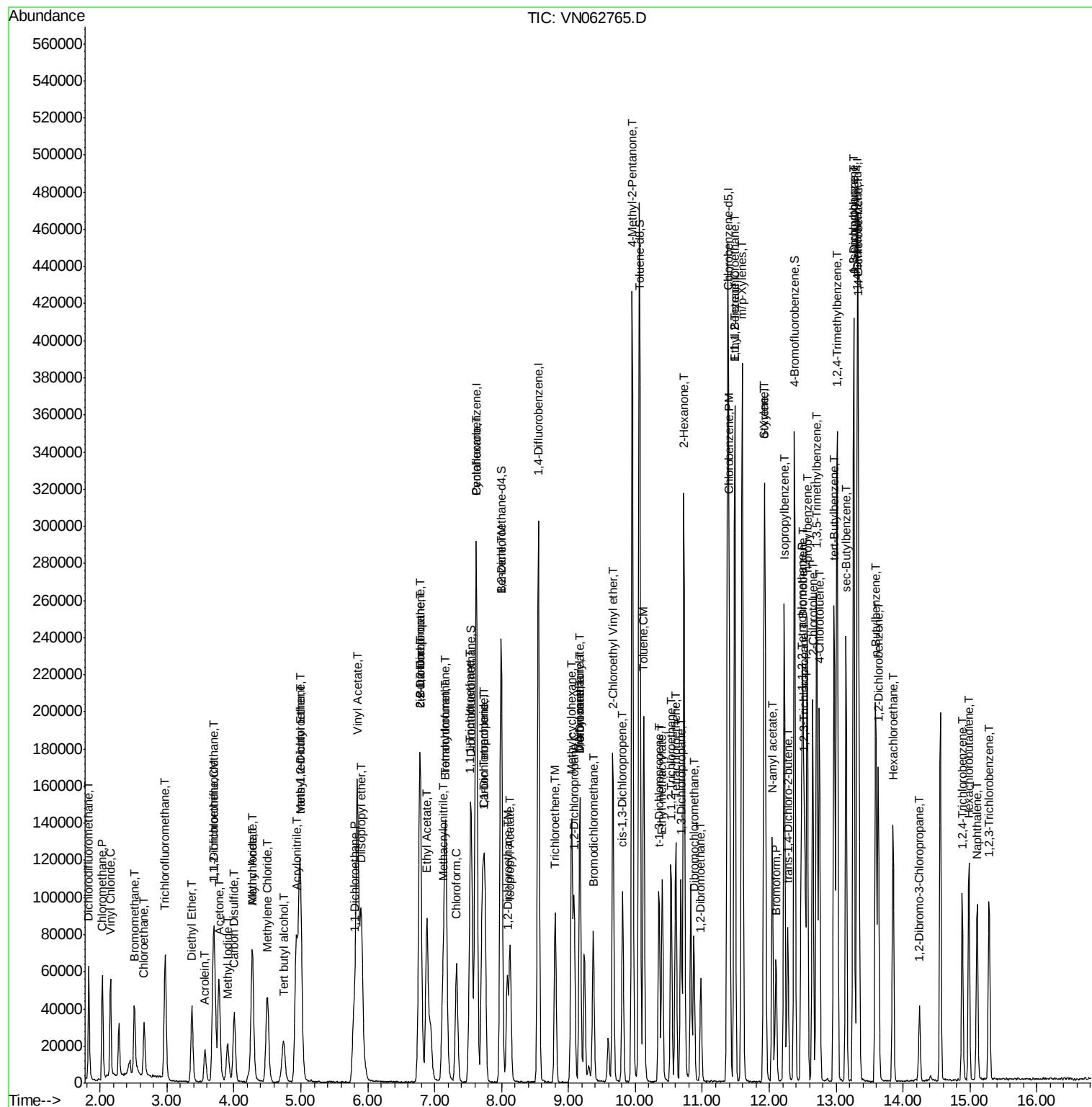
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	31103	18.869	ug/l	98
94) Hexachlorobutadiene	14.98	225	21312	18.496	ug/l	95
95) Naphthalene	15.11	128	81259	18.455	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	32001	19.172	ug/l	97

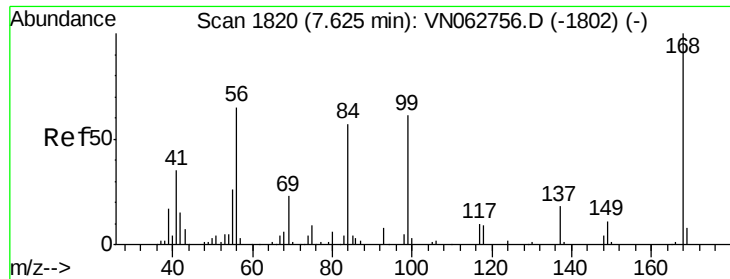
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN080620\
Data File : VN062765.D
Acq On : 6 Aug 2020 14:41
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Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:26:42 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062765.D

Acq: 6 Aug 2020 14:41

Instrument :

MSVOA_N

ClientSampleId :

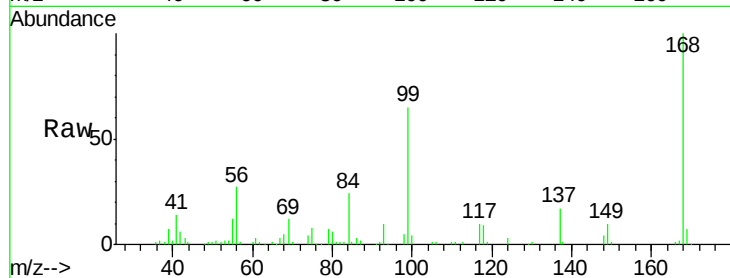
VN0806WBSD01

Tot Ion:168 Resp: 160943

Ion Ratio Lower Upper

168 100

99 65.1 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

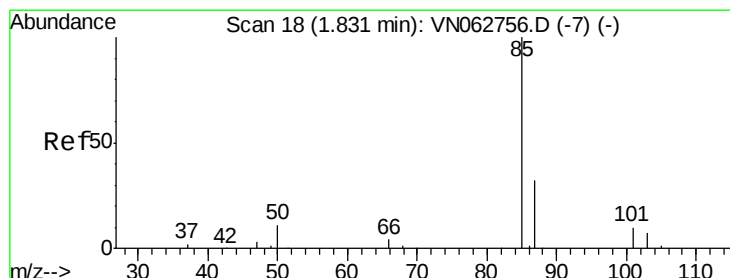
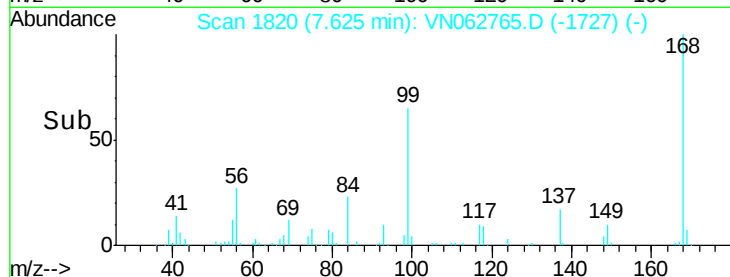
60000

40000

20000

0

Time--> 7.50 7.55 7.60 7.65 7.70



#2

Dichlorodifluoromethane

Concen: 20.750 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062765.D

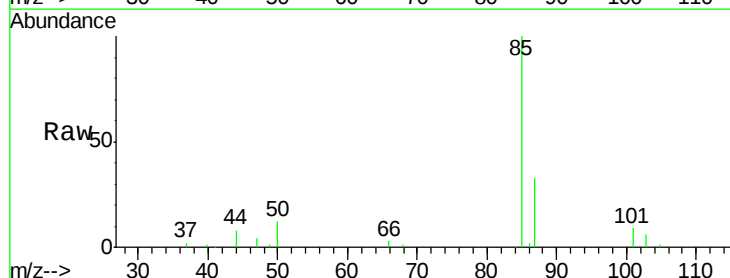
Acq: 6 Aug 2020 14:41

Tgt Ion: 85 Resp: 47822

Ion Ratio Lower Upper

85 100

87 33.0 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

40000

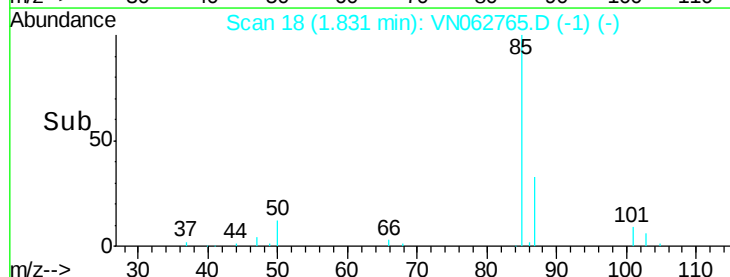
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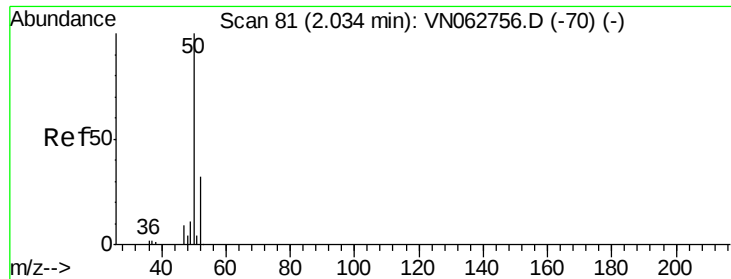
20000

10000

0

Time--> 1.80 1.85 1.90





#3

Chloromethane

Concen: 22.200 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062765.D

Acq: 6 Aug 2020 14:41

Instrument :

MSVOA_N

ClientSampleId :

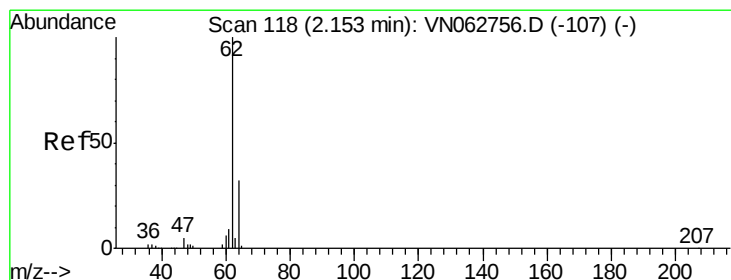
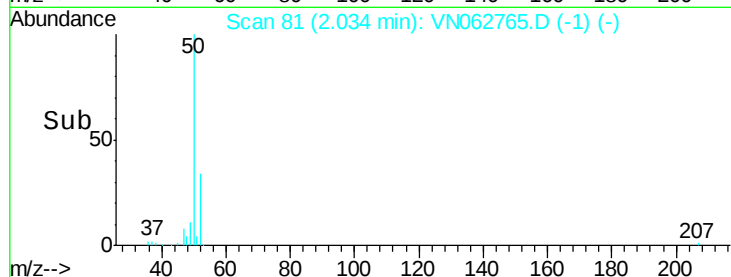
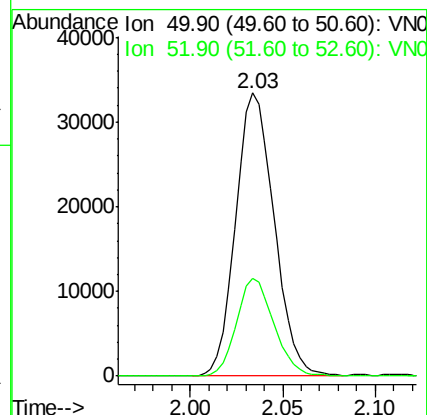
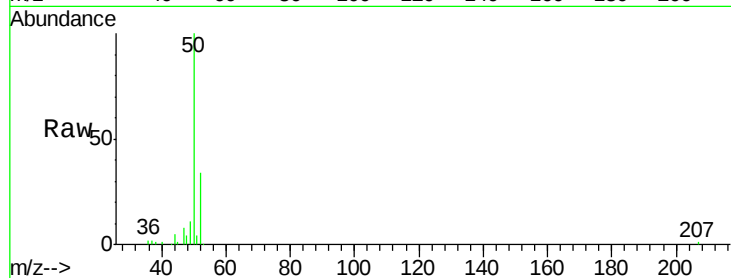
VN0806WBSD01

Tot Ion: 50 Resp: 48281

Ion Ratio Lower Upper

50 100

52 34.5 25.6 38.4



#4

Vinyl Chloride

Concen: 22.654 ug/l

RT: 2.16 min Scan# 119

Delta R.T. 0.00 min

Lab File: VN062765.D

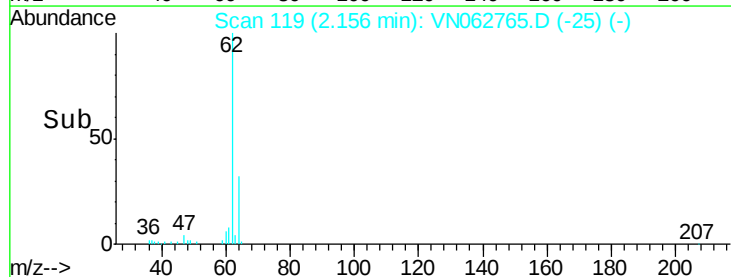
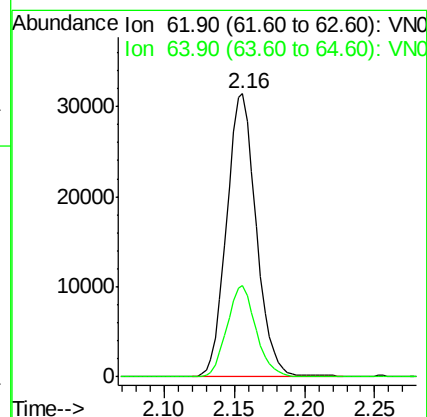
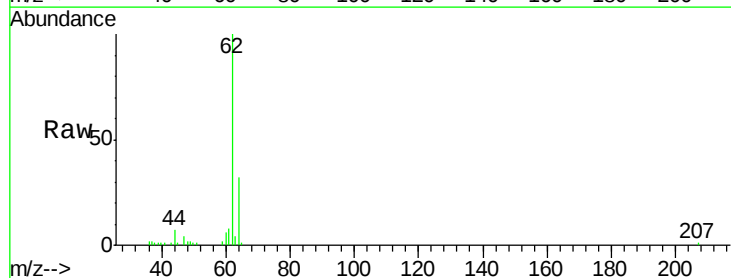
Acq: 6 Aug 2020 14:41

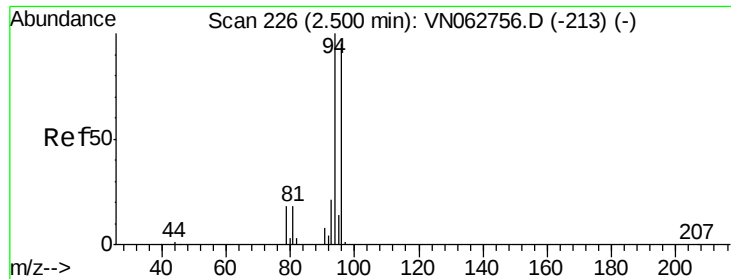
Tgt Ion: 62 Resp: 46209

Ion Ratio Lower Upper

62 100

64 32.2 25.8 38.8





#5

Bromomethane

Concen: 19.487 ug/l

RT: 2.52 min Scan# 231

Delta R.T. 0.02 min

Lab File: VN062765.D

Acq: 6 Aug 2020 14:41

Instrument :

MSVOA_N

ClientSampled :

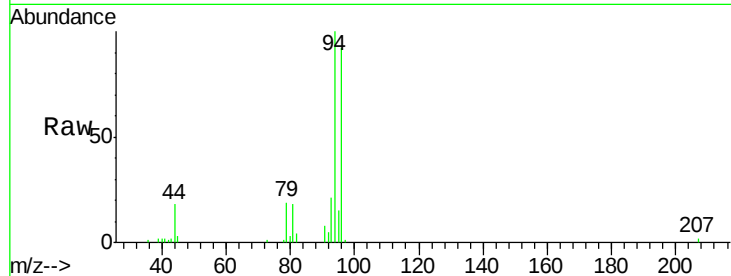
VN0806WBSD01

Tot Ion: 94 Resp: 26314

Ion Ratio Lower Upper

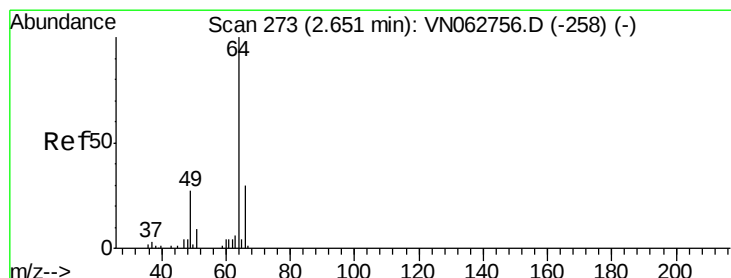
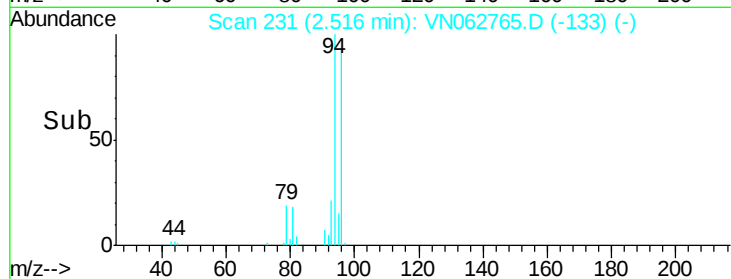
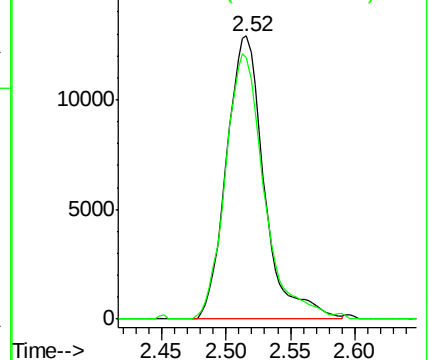
94 100

96 92.4 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: 19.807 ug/l

RT: 2.66 min Scan# 275

Delta R.T. 0.01 min

Lab File: VN062765.D

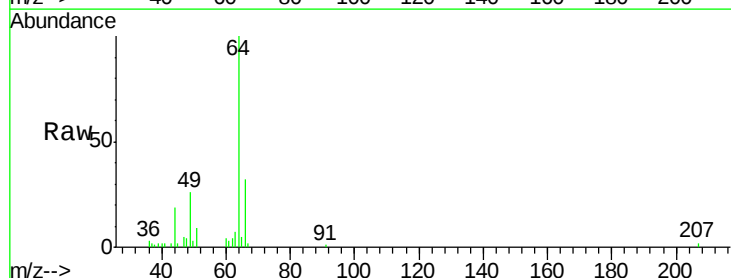
Acq: 6 Aug 2020 14:41

Tgt Ion: 64 Resp: 26580

Ion Ratio Lower Upper

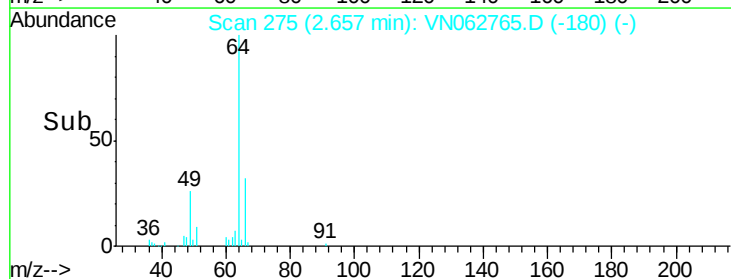
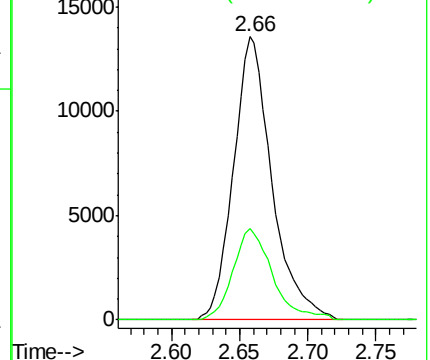
64 100

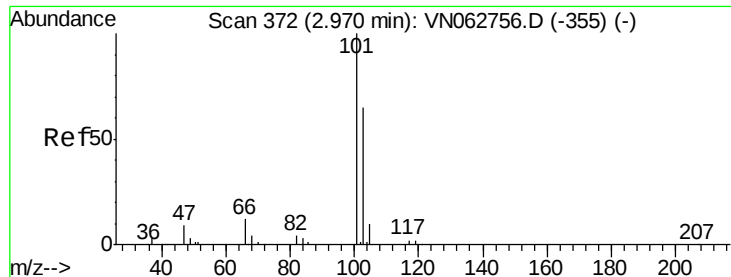
66 32.2 24.0 36.0



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



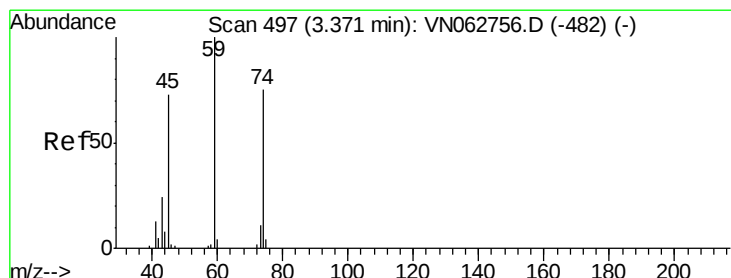
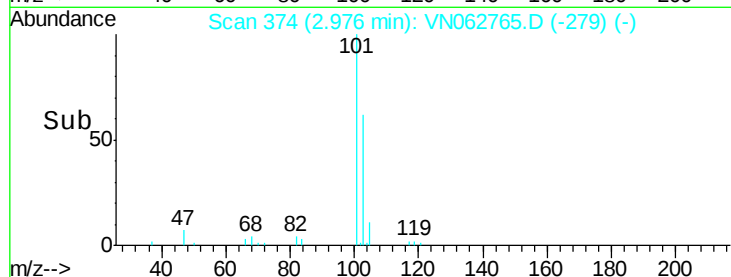
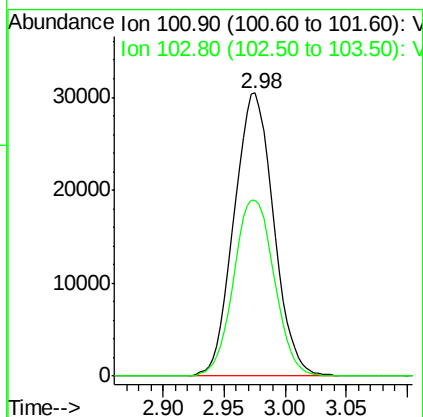
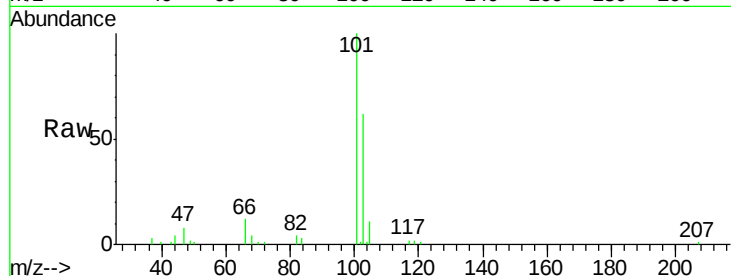


#7

Trichlorofluoromethane
 Concen: 18.870 ug/l
 RT: 2.98 min Scan# 374
 Delta R.T. 0.01 min
 Lab File: VN062765.D
 Acq: 6 Aug 2020 14:41

Instrument :
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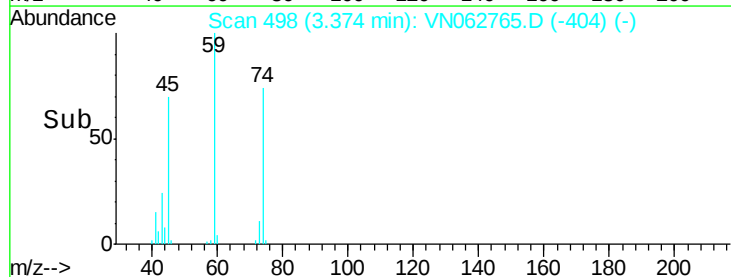
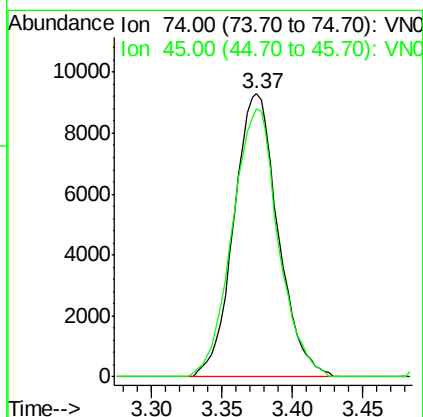
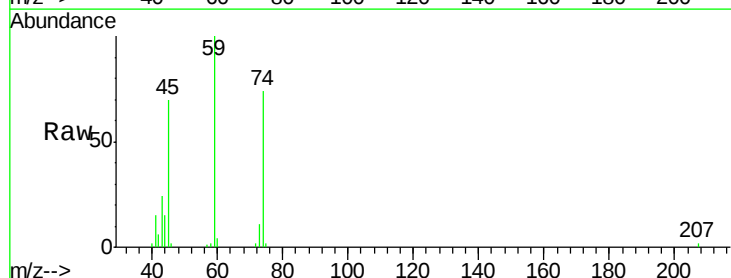
Tot Ion:101 Resp: 68635
 Ion Ratio Lower Upper
 101 100
 103 62.3 52.3 78.5

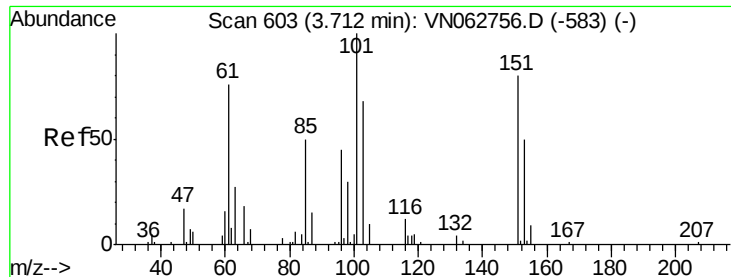


#8

Diethyl Ether
 Concen: 19.563 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN062765.D
 Acq: 6 Aug 2020 14:41

Tgt Ion: 74 Resp: 20370
 Ion Ratio Lower Upper
 74 100
 45 98.5 48.7 146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.901 ug/l

RT: 3.71 min Scan# 603

Delta R.T. 0.00 min

Lab File: VN062765.D

Acq: 6 Aug 2020 14:41

Instrument :

MSVOA_N

ClientSampled :

VN0806WBSD01

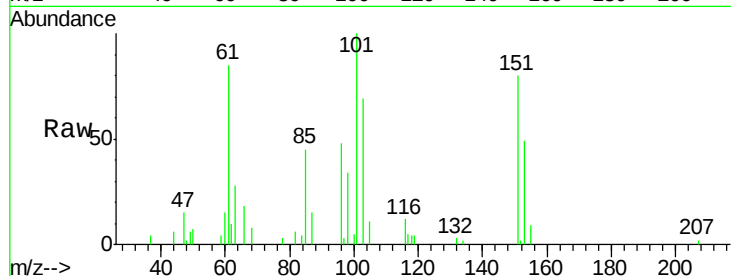
Tot Ion:101 Resp: 29970

Ion Ratio Lower Upper

101 100

85 44.8 38.5 57.7

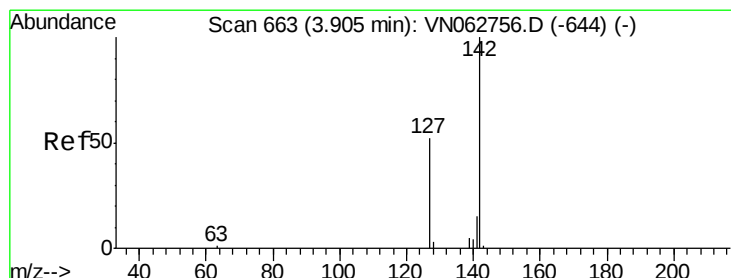
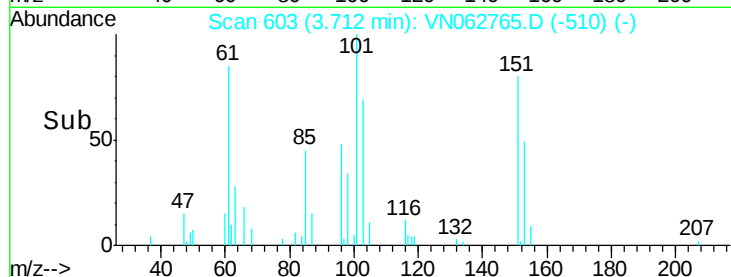
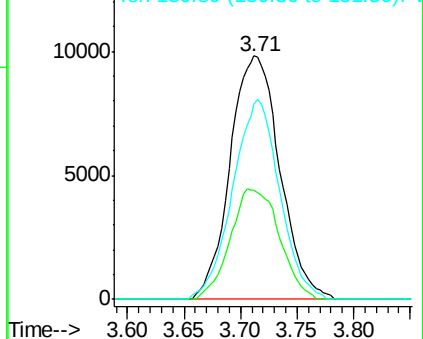
151 77.4 63.0 94.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.505 ug/l

RT: 3.90 min Scan# 663

Delta R.T. -0.00 min

Lab File: VN062765.D

Acq: 6 Aug 2020 14:41

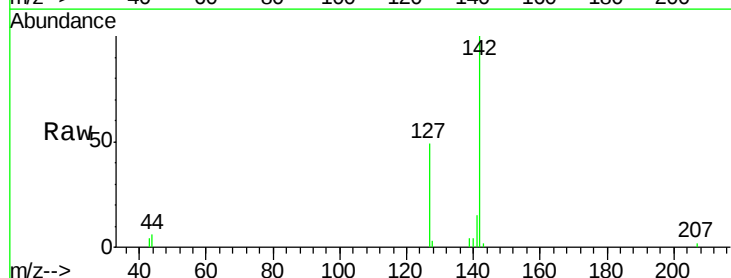
Tgt Ion:142 Resp: 32623

Ion Ratio Lower Upper

142 100

127 48.6 41.4 62.0

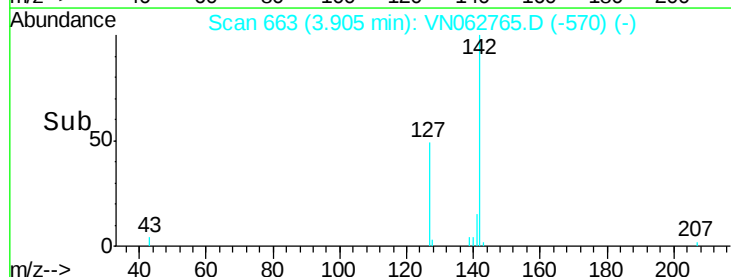
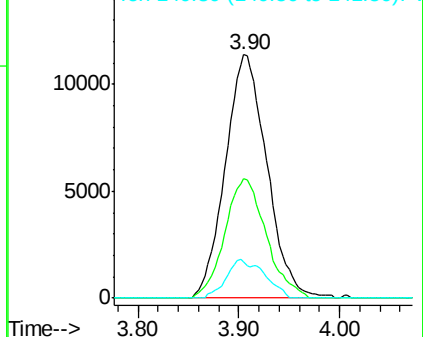
141 14.6 12.2 18.4

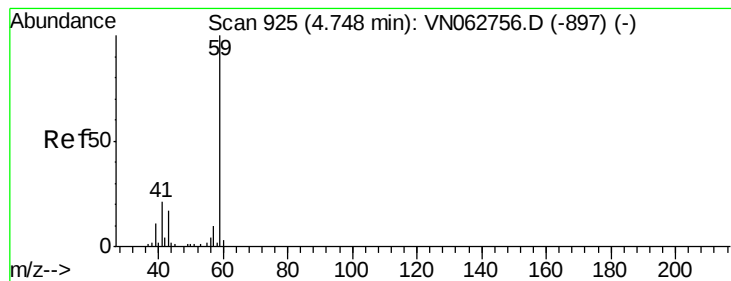


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



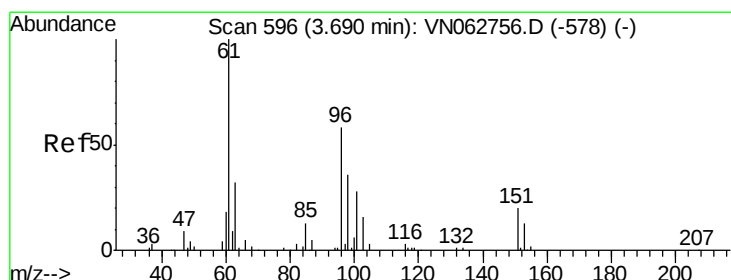
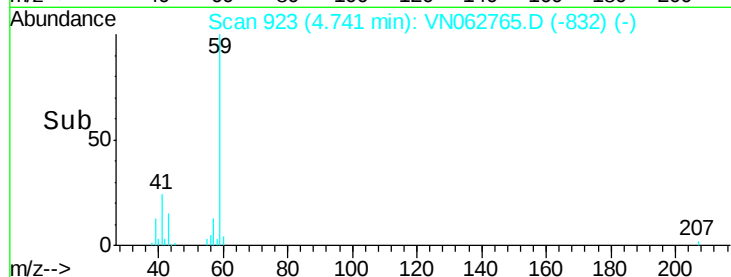
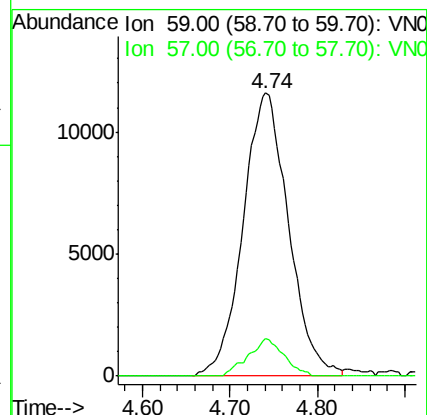
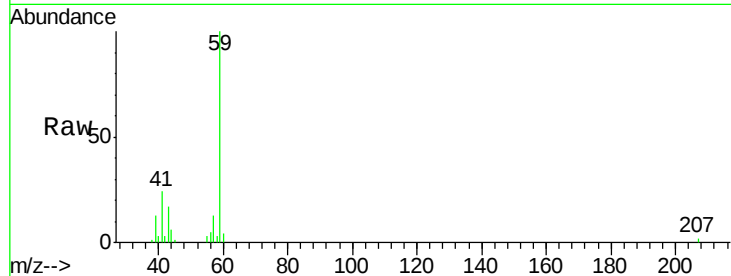


#11

Tert butyl alcohol
 Concen: 95.816 ug/l
 RT: 4.74 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: VN062765.D
 Acq: 6 Aug 2020 14:41

Instrument :
 MSVOA_N
 ClientSampled :
 VN0806WBSD01

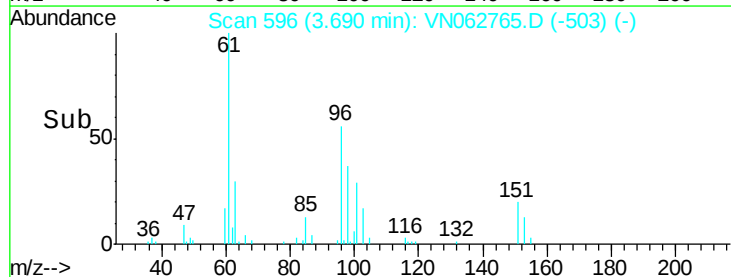
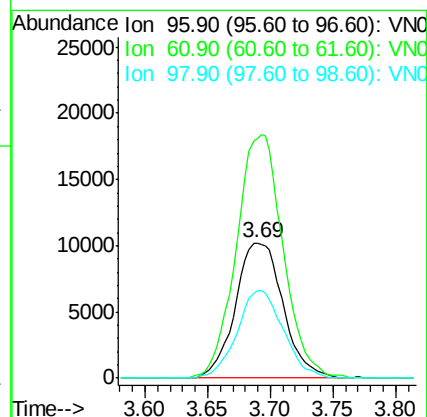
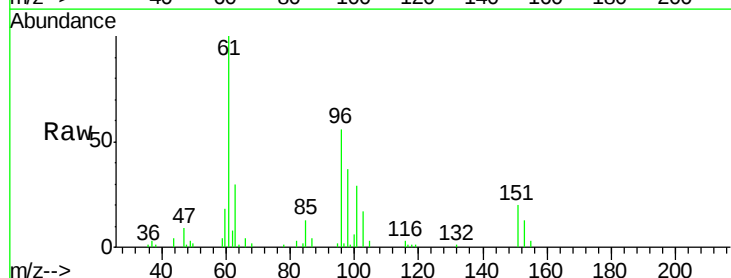
Tot Ion: 59 Resp: 41796
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.3 12.5

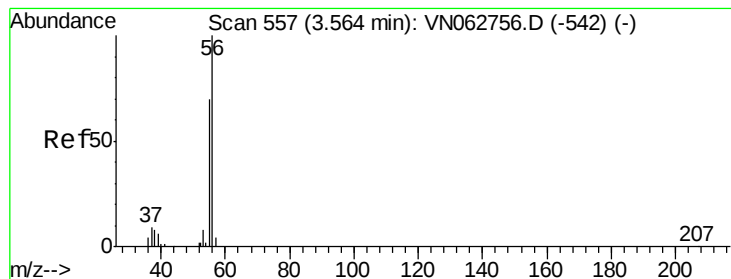


#12

1,1-Dichloroethene
 Concen: 18.929 ug/l
 RT: 3.69 min Scan# 596
 Delta R.T. 0.00 min
 Lab File: VN062765.D
 Acq: 6 Aug 2020 14:41

Tgt Ion: 96 Resp: 26940
 Ion Ratio Lower Upper
 96 100
 61 175.8 139.0 208.6
 98 64.7 50.2 75.4





#13

Acrolein

Concen: 74.370 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062765.D

Acq: 6 Aug 2020 14:41

Instrument :

MSVOA_N

ClientSampleId :

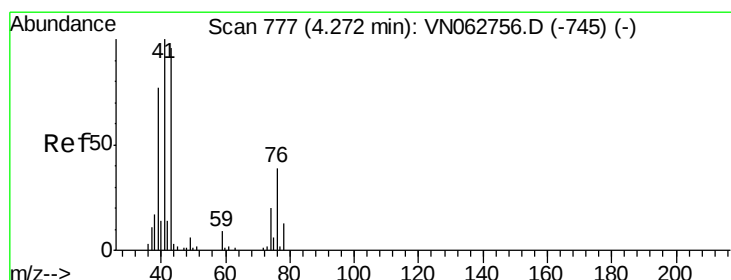
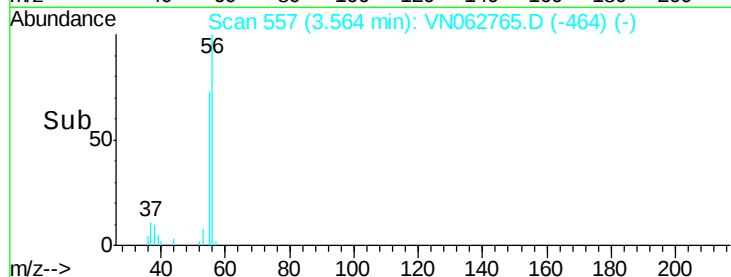
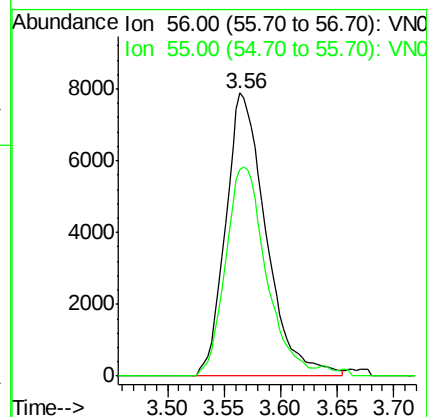
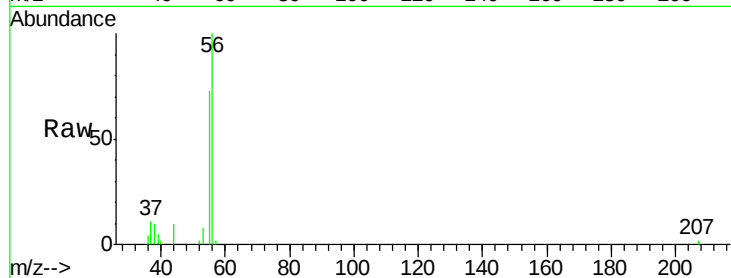
VN0806WBSD01

Tot Ion: 56 Resp: 19642

Ion Ratio Lower Upper

56 100

55 73.8 57.0 85.6



#14

Allyl chloride

Concen: 18.744 ug/l

RT: 4.27 min Scan# 778

Delta R.T. 0.00 min

Lab File: VN062765.D

Acq: 6 Aug 2020 14:41

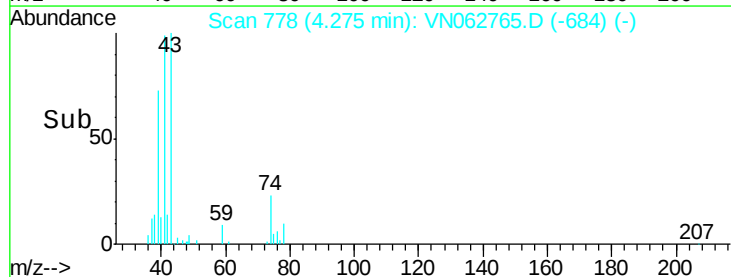
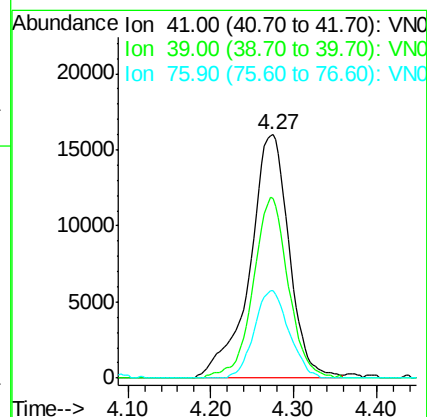
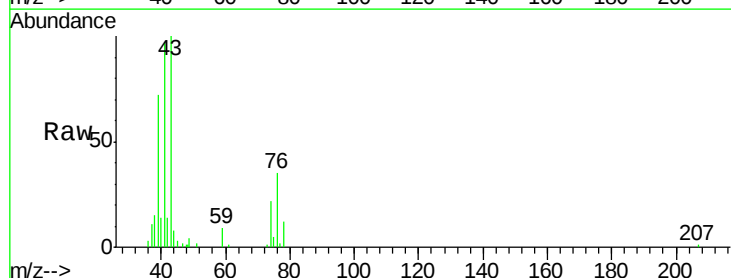
Tgt Ion: 41 Resp: 52815

Ion Ratio Lower Upper

41 100

39 66.2 55.7 83.5

76 31.6 27.5 41.3





#15

Acrylonitrile

Concen: 100.041 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN062765.D

Acq: 6 Aug 2020 14:41

Instrument :

MSVOA_N

ClientSampleId :

VN0806WBSD01

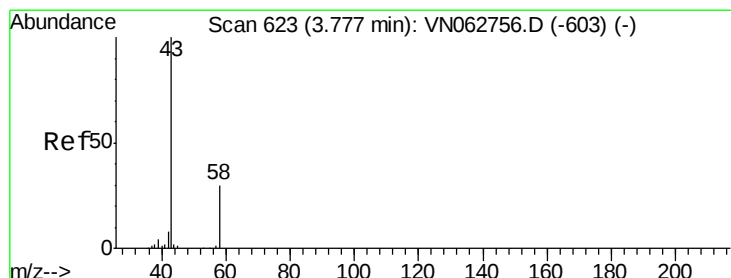
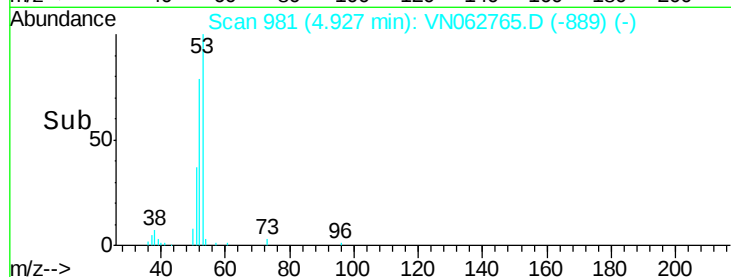
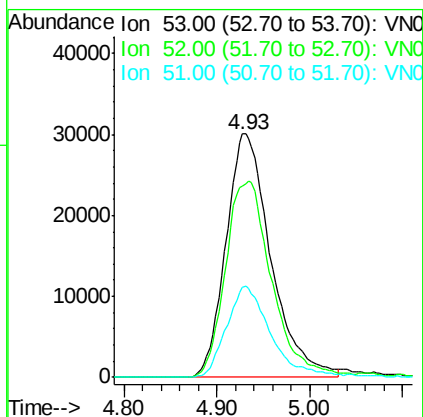
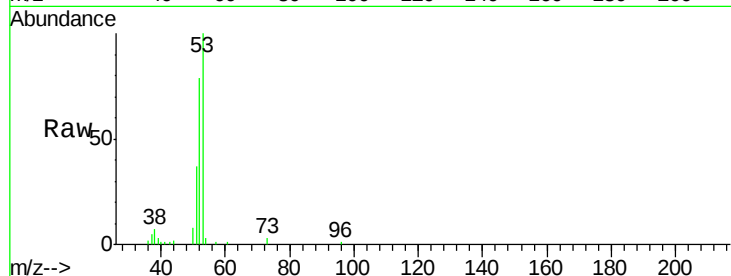
Tot Ion: 53 Resp: 101216

Ion Ratio Lower Upper

53 100

52 82.8 66.8 100.2

51 36.7 29.5 44.3



#16

Acetone

Concen: 94.781 ug/l

RT: 3.78 min Scan# 623

Delta R.T. -0.00 min

Lab File: VN062765.D

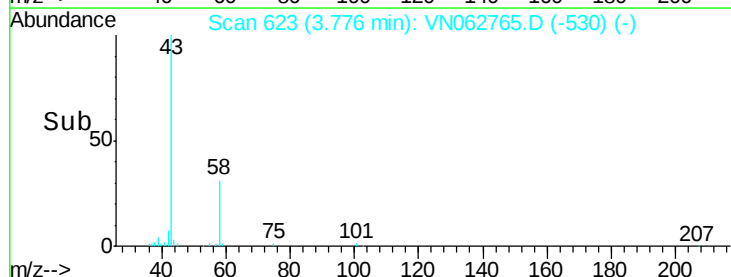
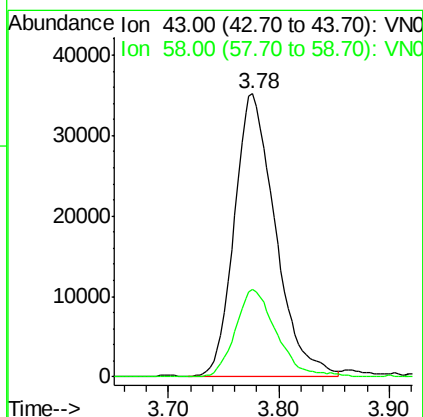
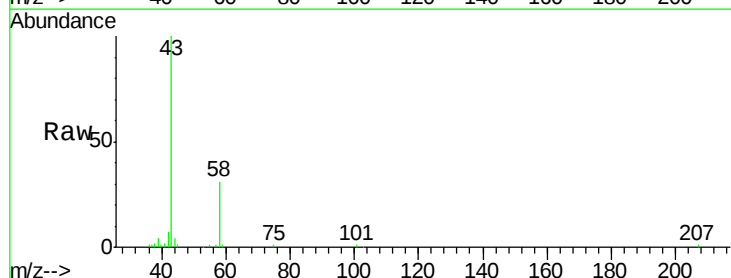
Acq: 6 Aug 2020 14:41

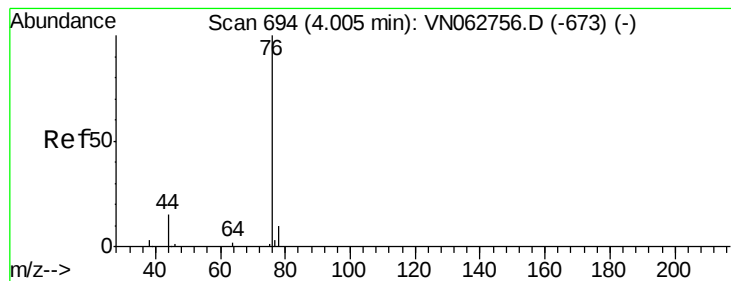
Tgt Ion: 43 Resp: 91151

Ion Ratio Lower Upper

43 100

58 30.8 24.1 36.1





#17

Carbon Disulfide

Concen: 18.178 ug/l

RT: 4.00 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN062765.D

Acq: 6 Aug 2020 14:41

Instrument :

MSVOA_N

ClientSampleId :

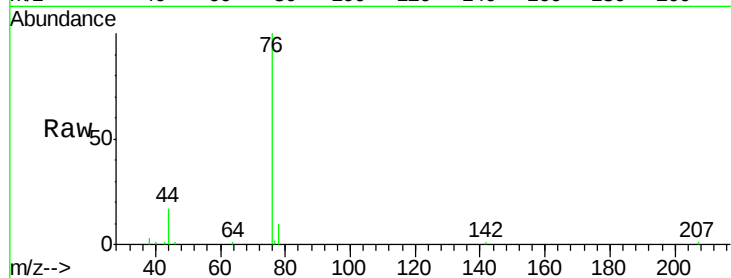
VN0806WBSD01

Tot Ion: 76 Resp: 73036

Ion Ratio Lower Upper

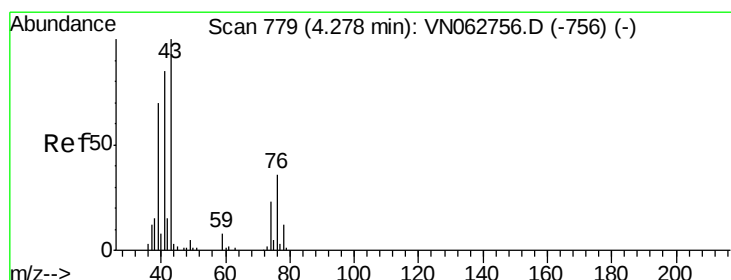
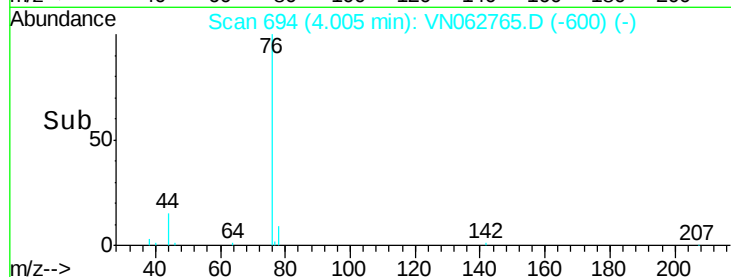
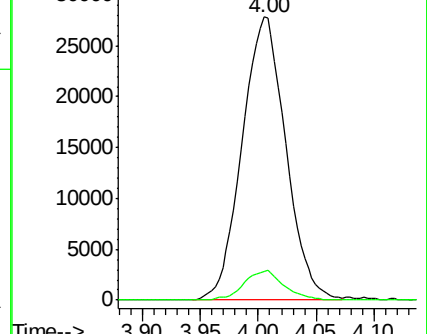
76 100

78 10.3 7.7 11.5



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 21.340 ug/l

RT: 4.28 min Scan# 779

Delta R.T. -0.00 min

Lab File: VN062765.D

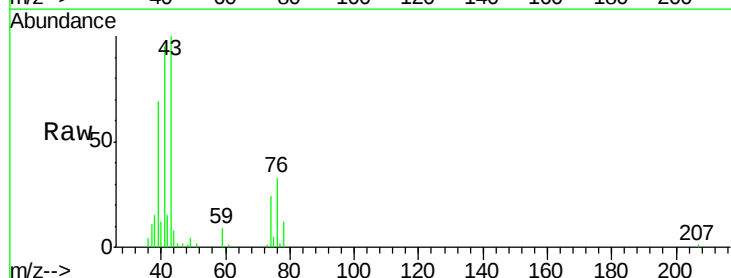
Acq: 6 Aug 2020 14:41

Tgt Ion: 43 Resp: 50013

Ion Ratio Lower Upper

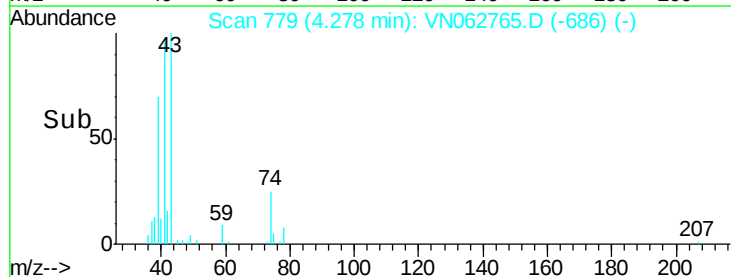
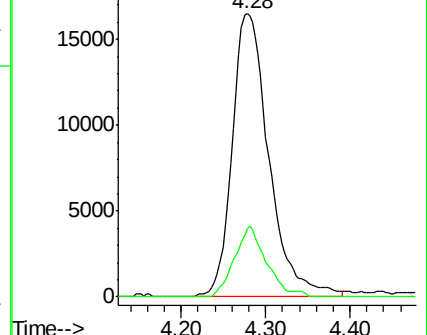
43 100

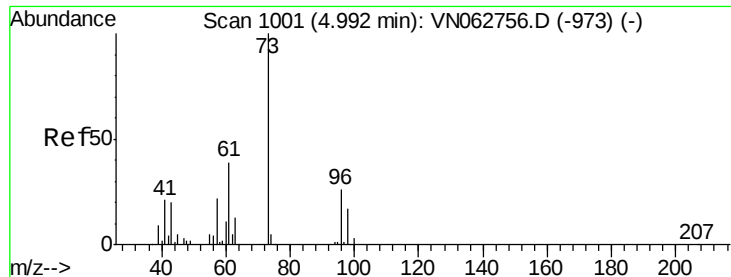
74 21.0 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

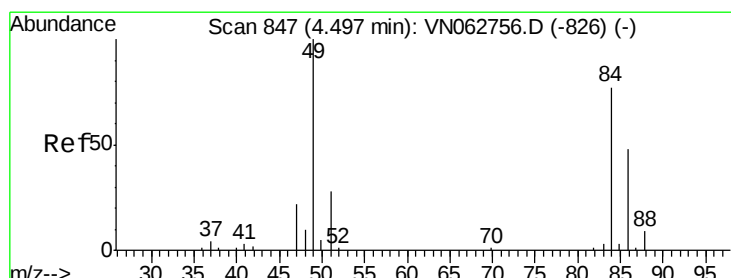
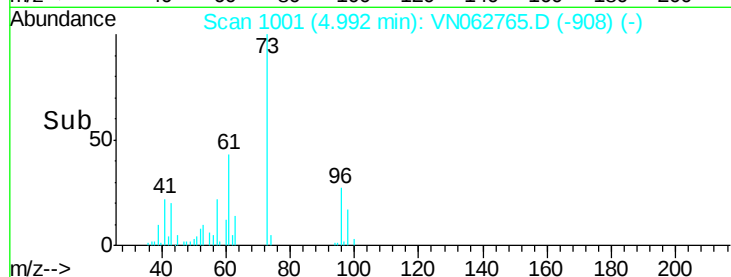
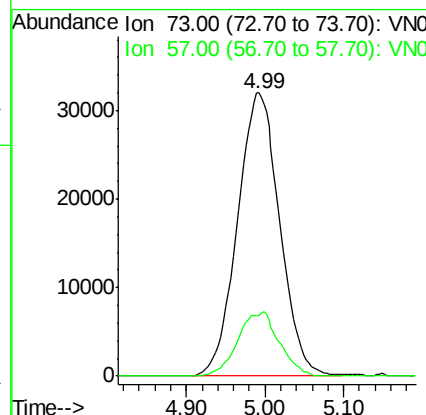
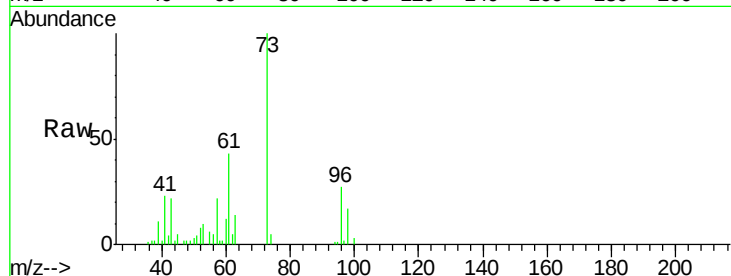




#19
Methvl tert-butvl Ether
Concen: 19.264 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VN062765.D
Acq: 6 Aug 2020 14:41

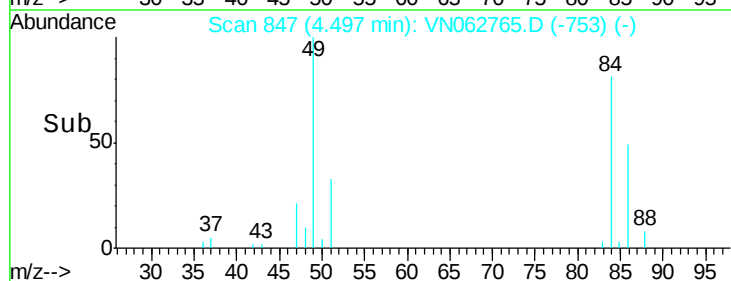
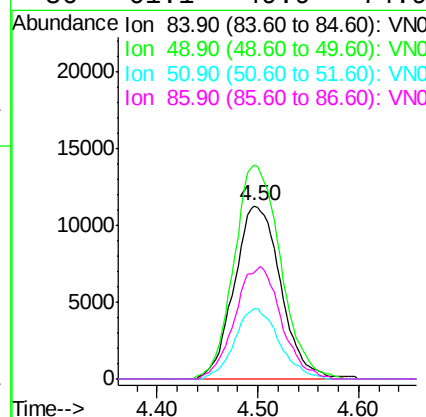
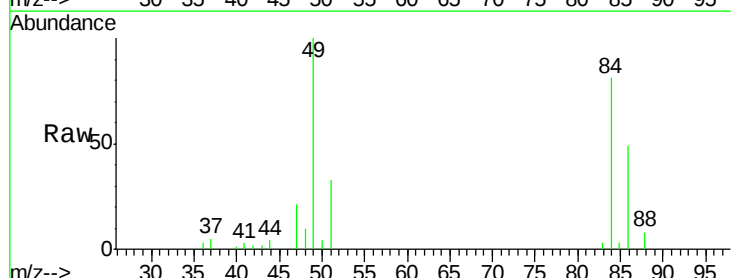
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBSD01

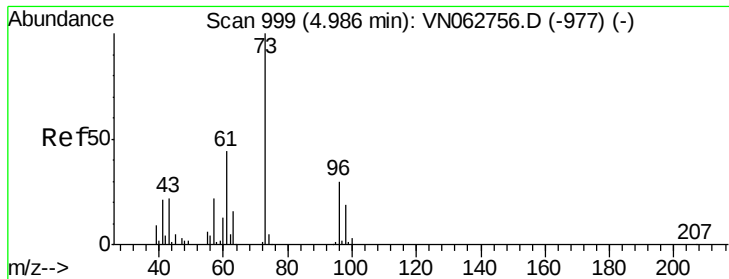
Tot Ion: 73 Resp: 120123
Ion Ratio Lower Upper
73 100
57 21.6 17.5 26.3



#20
Methylene Chloride
Concen: 20.040 ug/l
RT: 4.50 min Scan# 847
Delta R.T. 0.00 min
Lab File: VN062765.D
Acq: 6 Aug 2020 14:41

Tgt Ion: 84 Resp: 36071
Ion Ratio Lower Upper
84 100
49 123.5 103.4 155.2
51 40.5 29.3 43.9
86 61.1 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 17.840 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN062765.D

Acq: 6 Aug 2020 14:41

Instrument :

MSVOA_N

ClientSampleId :

VN0806WBSD01

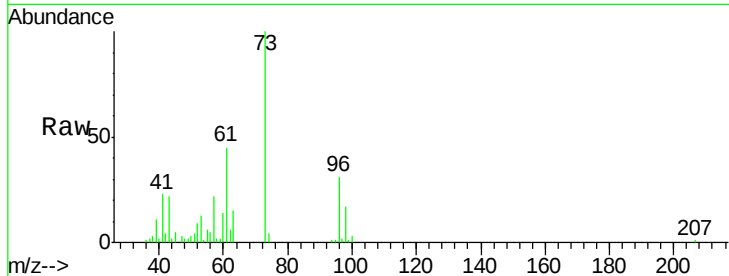
Tot Ion: 96 Resp: 28732

Ion Ratio Lower Upper

96 100

61 147.6 118.8 178.2

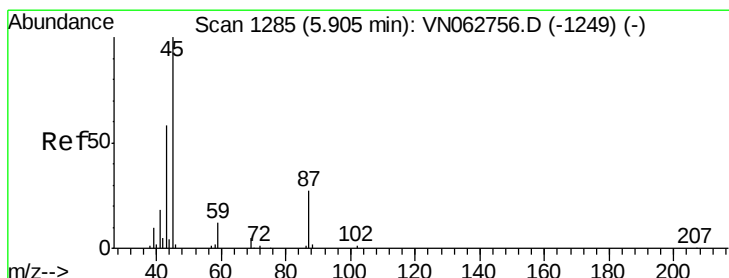
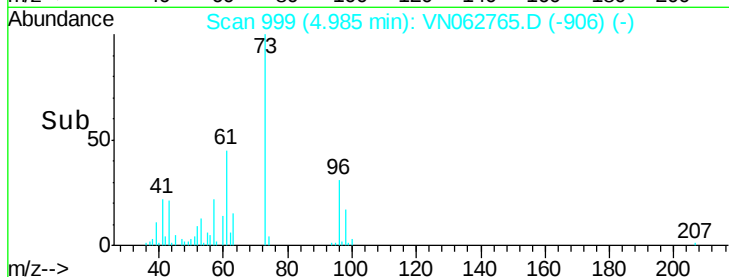
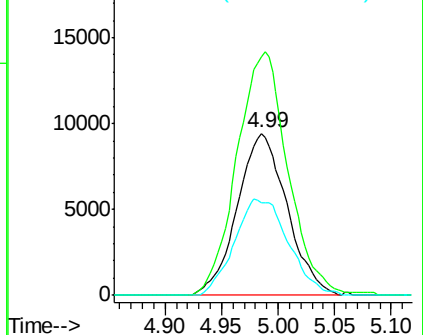
98 57.3 51.0 76.4



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 20.233 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. -0.01 min

Lab File: VN062765.D

Acq: 6 Aug 2020 14:41

Tgt Ion: 45 Resp: 121368

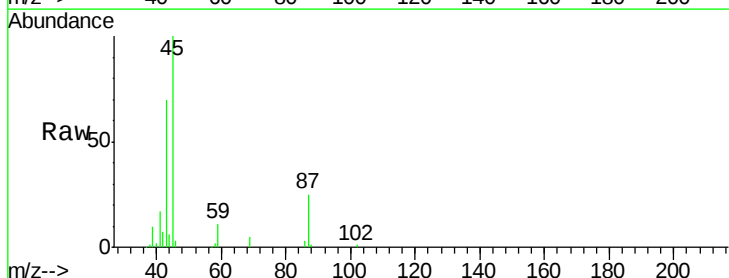
Ion Ratio Lower Upper

45 100

43 66.1 47.4 71.2

87 24.5 22.8 34.2

59 11.5 9.9 14.9

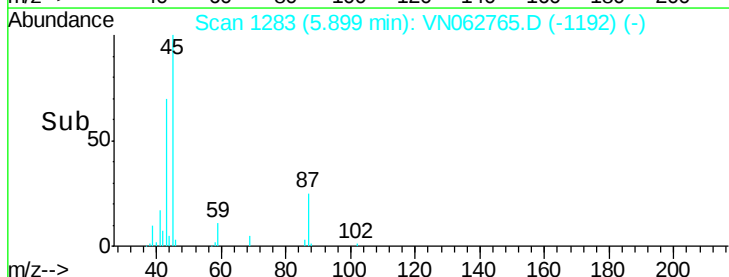
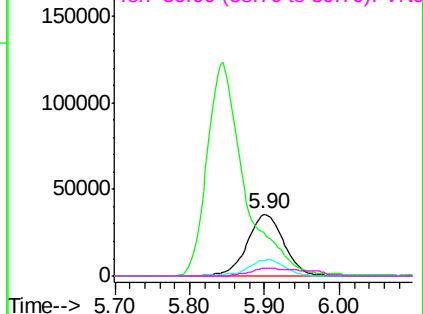


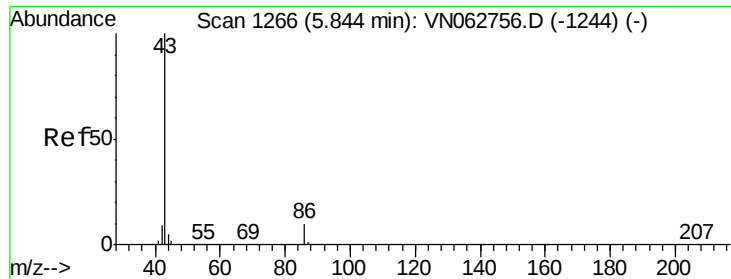
Abundance Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 93.983 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. -0.00 min

Lab File: VN062765.D

Acq: 6 Aug 2020 14:41

Instrument :

MSVOA_N

ClientSampled :

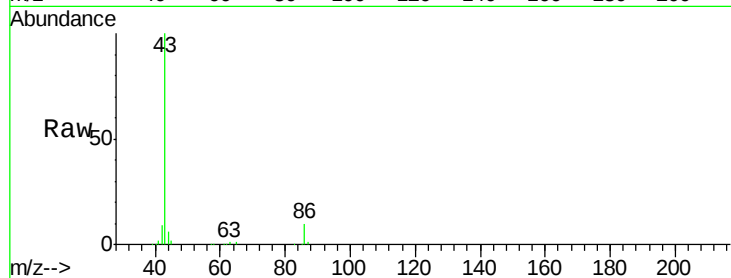
VN0806WBSD01

Tot Ion: 43 Resp: 428800

Ion Ratio Lower Upper

43 100

86 9.7 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

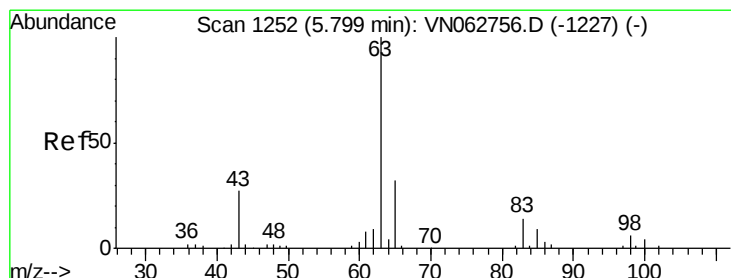
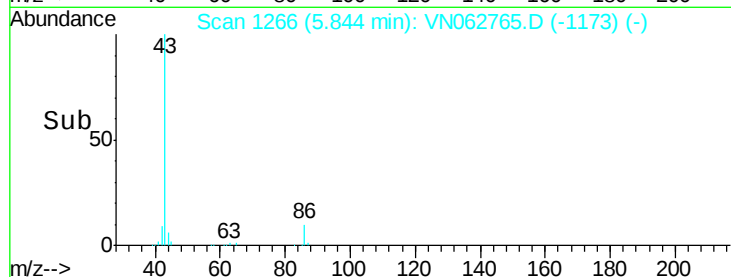
5.84

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 18.140 ug/l

RT: 5.80 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VN062765.D

Acq: 6 Aug 2020 14:41

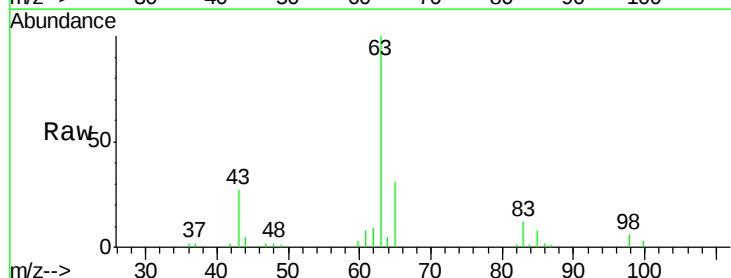
Tgt Ion: 63 Resp: 63766

Ion Ratio Lower Upper

63 100

98 6.5 3.0 9.2

100 3.1 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

25000

20000

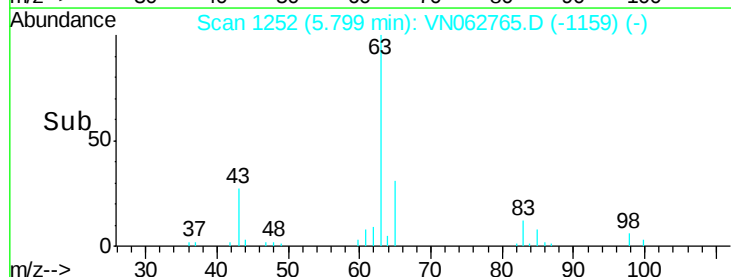
15000

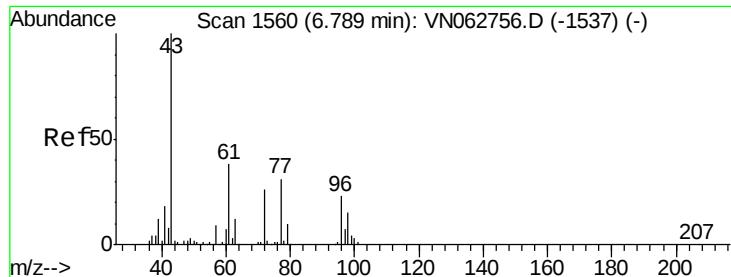
10000

5000

0

Time-->

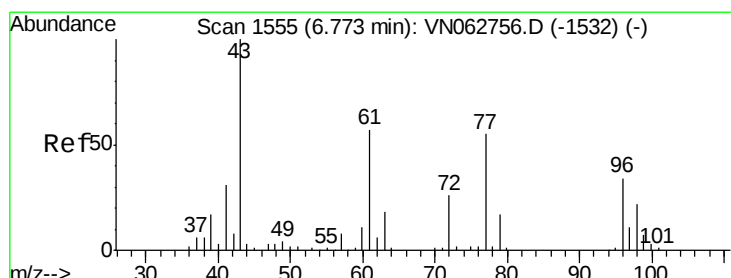
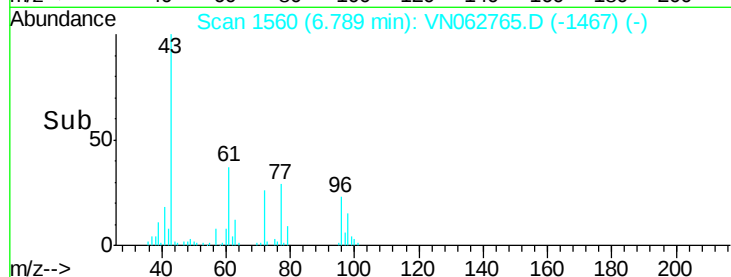
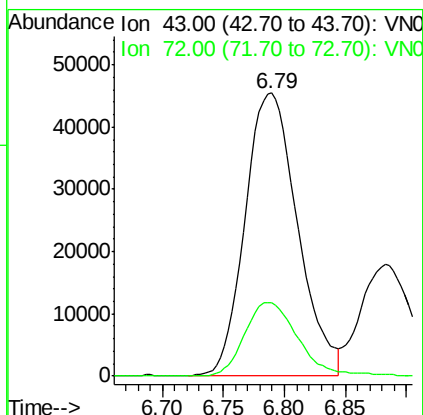
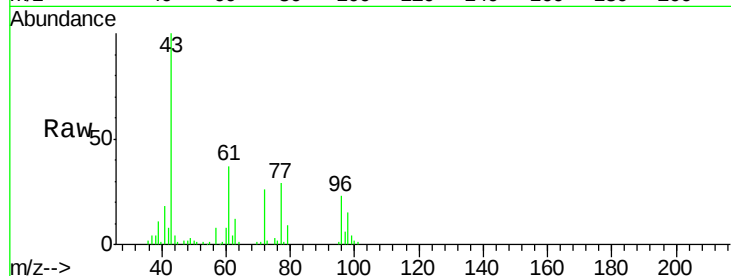




#25
 2-Butanone
 Concen: 99.720 ug/l
 RT: 6.79 min Scan# 1560
 Delta R.T. -0.00 min
 Lab File: VN062765.D
 Acq: 6 Aug 2020 14:41

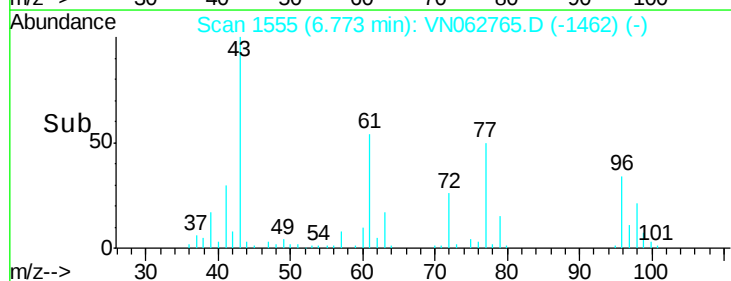
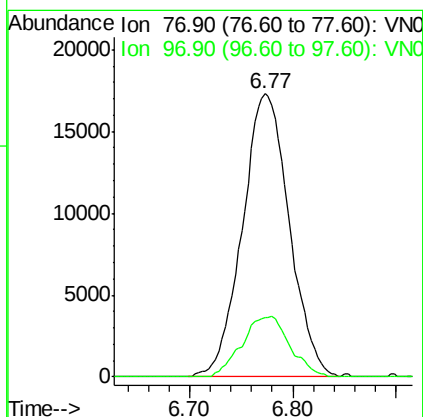
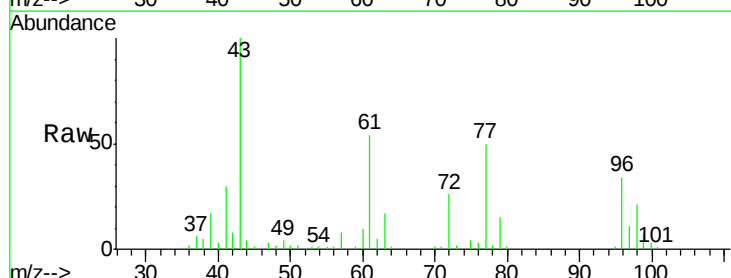
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBSD01

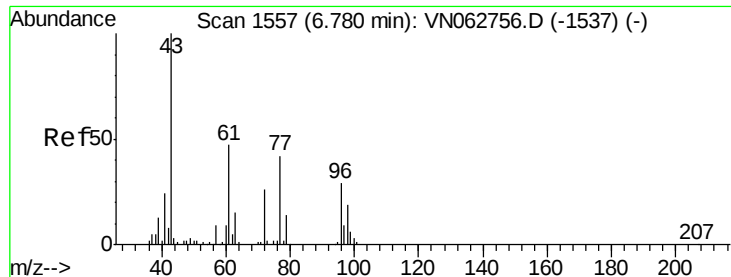
Tot Ion: 43 Resp: 135825
 Ion Ratio Lower Upper
 43 100
 72 25.8 21.1 31.7



#26
 2,2-Dichloropropane
 Concen: 16.852 ug/l
 RT: 6.77 min Scan# 1555
 Delta R.T. -0.00 min
 Lab File: VN062765.D
 Acq: 6 Aug 2020 14:41

Tgt Ion: 77 Resp: 54604
 Ion Ratio Lower Upper
 77 100
 97 21.7 10.5 31.6

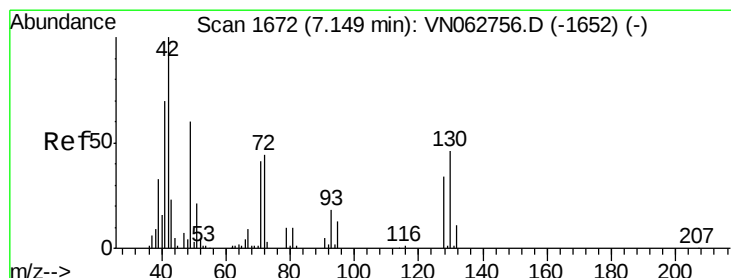
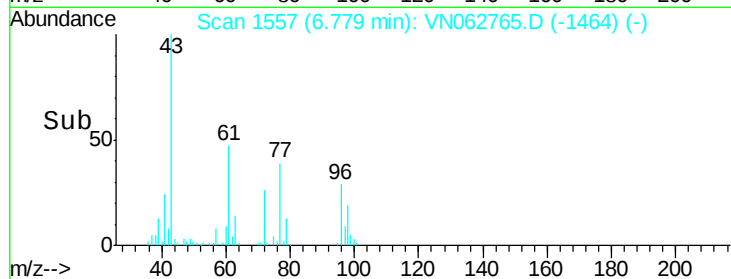
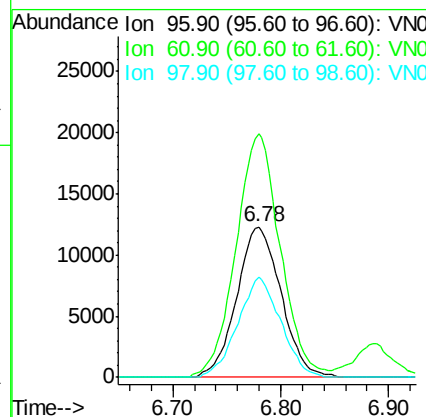
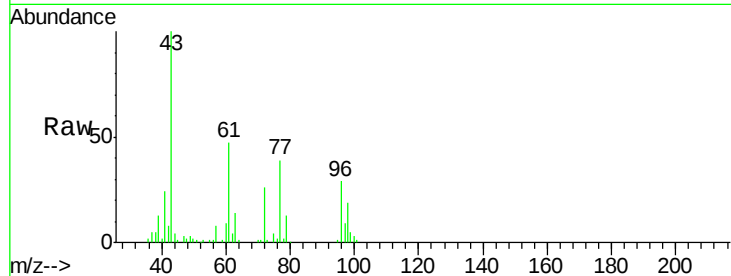




#27
 cis-1,2-Dichloroethene
 Concen: 18.223 ug/l
 RT: 6.78 min Scan# 1557
 Delta R.T. -0.00 min
 Lab File: VN062765.D
 Acq: 6 Aug 2020 14:41

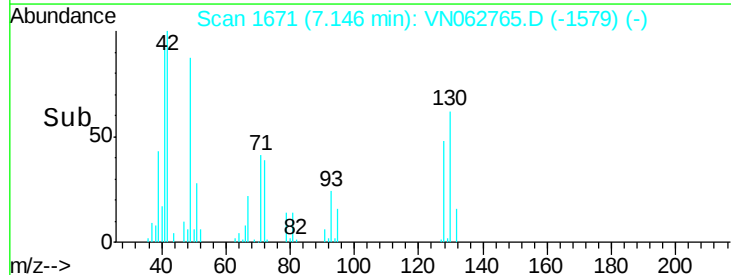
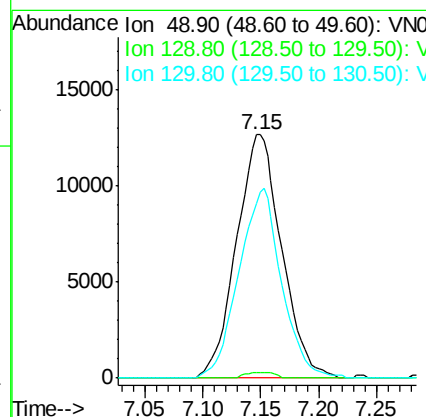
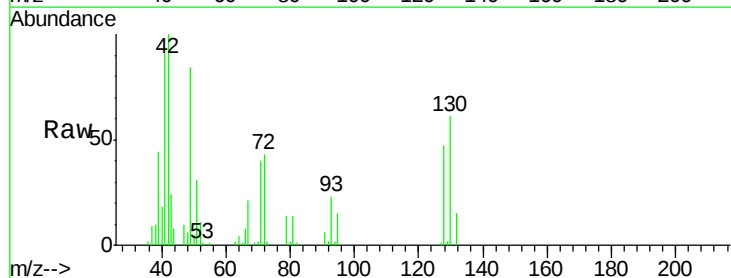
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBSD01

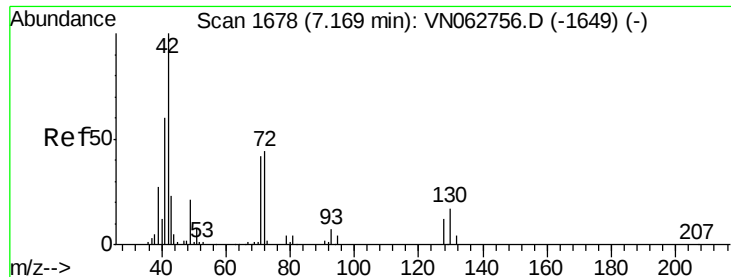
Tot Ion	96	Resp	35207
Ion	Ratio	Lower	Upper
96	100		
61	161.7	0.0	332.2
98	64.0	0.0	129.4



#28
 Bromochloromethane
 Concen: 20.169 ug/l
 RT: 7.15 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: VN062765.D
 Acq: 6 Aug 2020 14:41

Tgt Ion	49	Resp	34218
Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	3.2
130	74.0	59.0	88.6

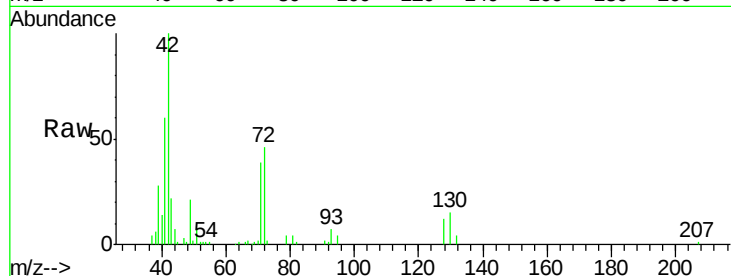




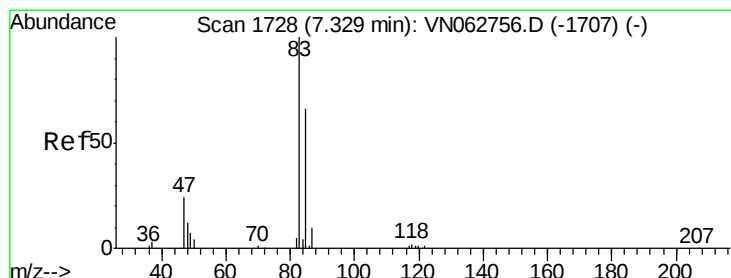
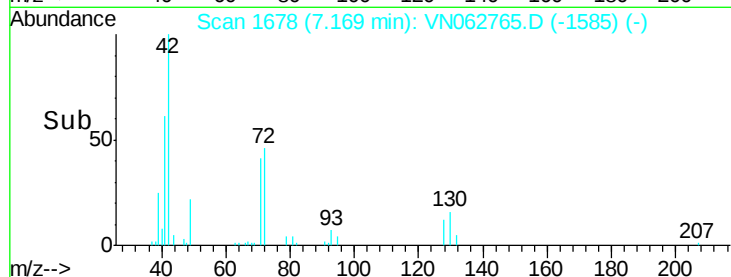
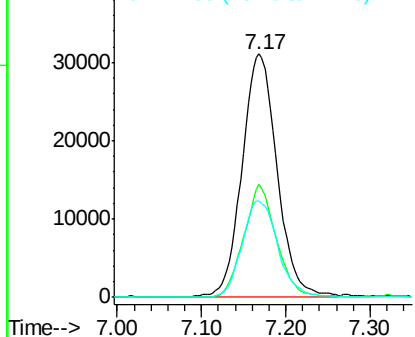
#29
Tetrahydrofuran
Concen: 101.815 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. -0.00 min
Lab File: VN062765.D
Acq: 6 Aug 2020 14:41

Instrument :
MSVOA_N
ClientSampleId :
VN0806WBSD01

Tot Ion: 42 Resp: 90095
Ion Ratio Lower Upper
42 100
72 42.8 35.0 52.4
71 40.4 33.2 49.8

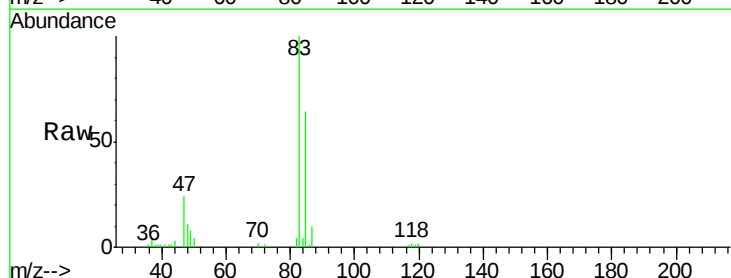


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

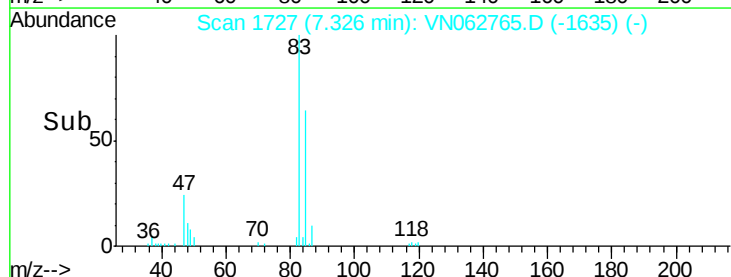
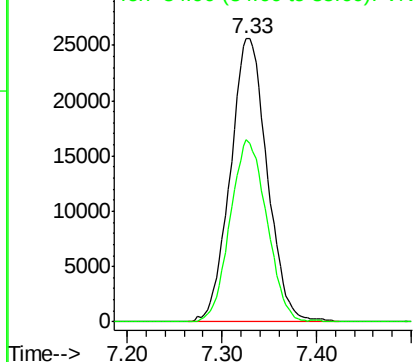


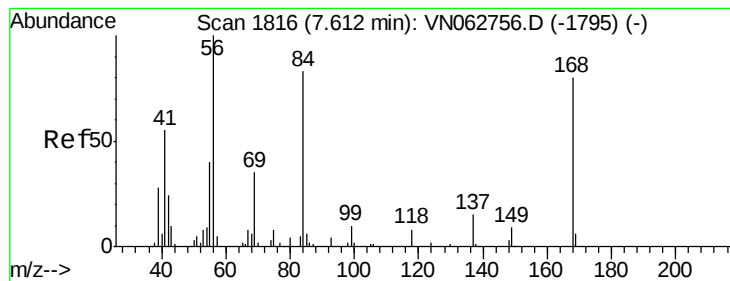
#30
Chloroform
Concen: 18.534 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062765.D
Acq: 6 Aug 2020 14:41

Tgt Ion: 83 Resp: 69238
Ion Ratio Lower Upper
83 100
85 64.5 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: 18.954 ug/l

RT: 7.62 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VN062765.D

Acq: 6 Aug 2020 14:41

Instrument :

MSVOA_N

ClientSampleId :

VN0806WBSD01

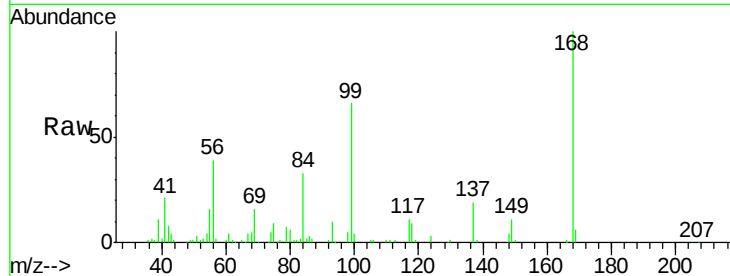
Tot Ion: 56 Resp: 61161

Ion Ratio Lower Upper

56 100

69 41.6 28.1 42.1

84 84.5 66.8 100.2

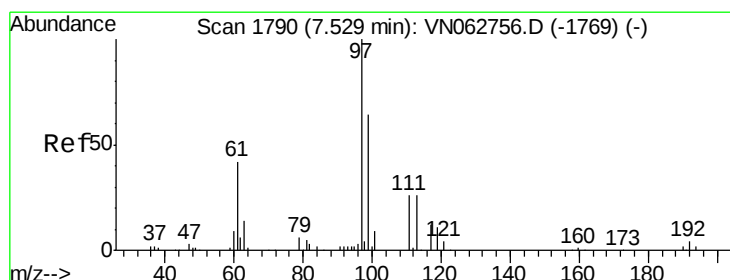
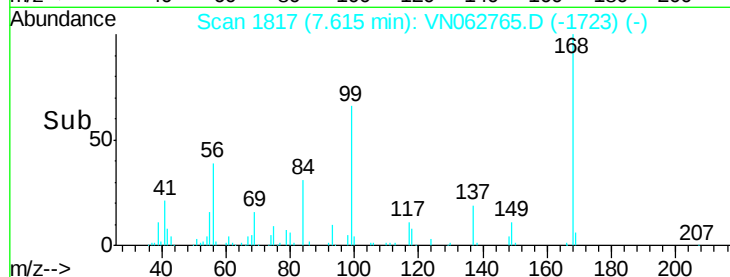
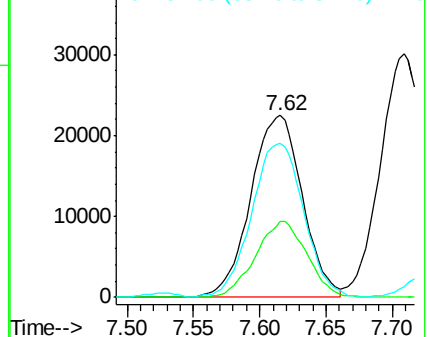


Abundance

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: 17.328 ug/l

RT: 7.53 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VN062765.D

Acq: 6 Aug 2020 14:41

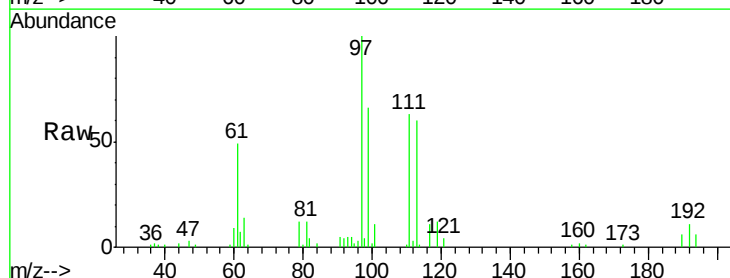
Tgt Ion: 97 Resp: 57875

Ion Ratio Lower Upper

97 100

99 64.9 50.0 75.0

61 45.2 34.8 52.2

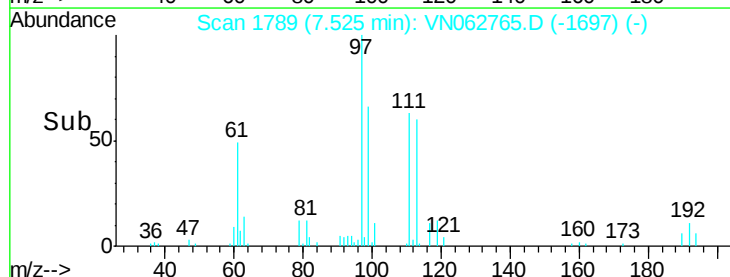
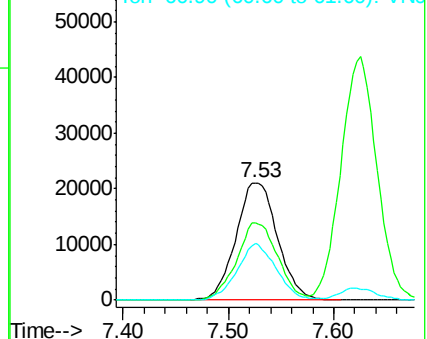


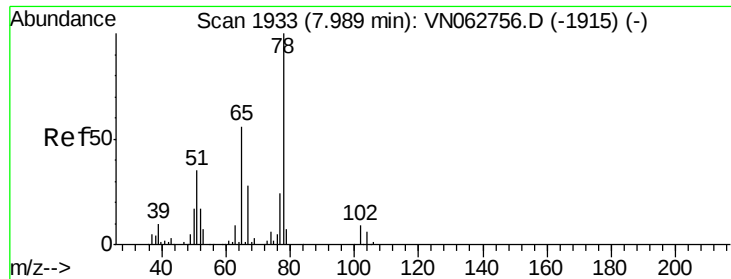
Abundance

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: 47.817 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN062765.D

Acq: 6 Aug 2020 14:41

Instrument :

MSVOA_N

ClientSampleId :

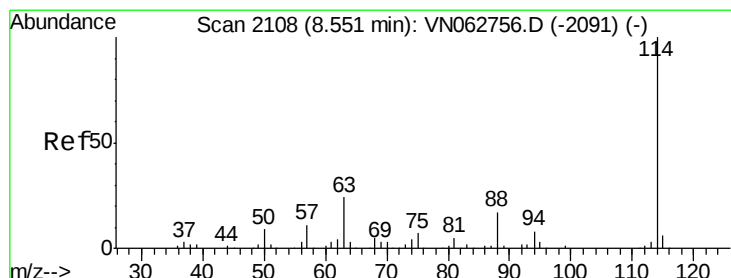
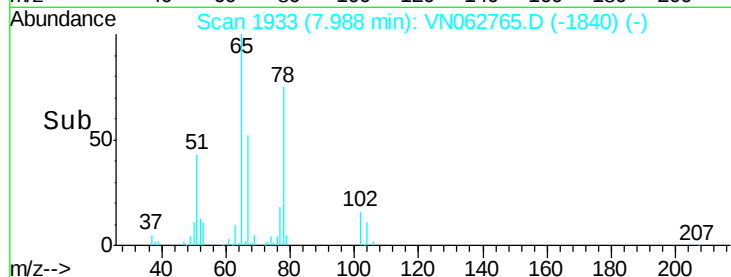
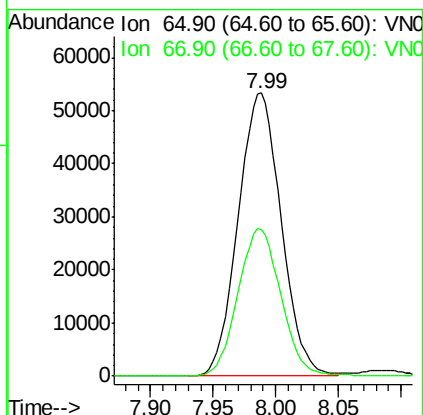
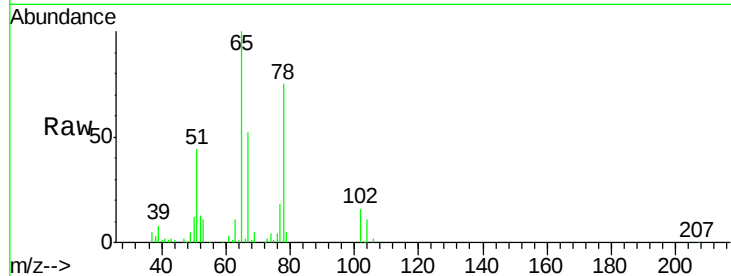
VN0806WBSD01

Tot Ion: 65 Resp: 127265

Ion Ratio Lower Upper

65 100

67 52.1 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN062765.D

Acq: 6 Aug 2020 14:41

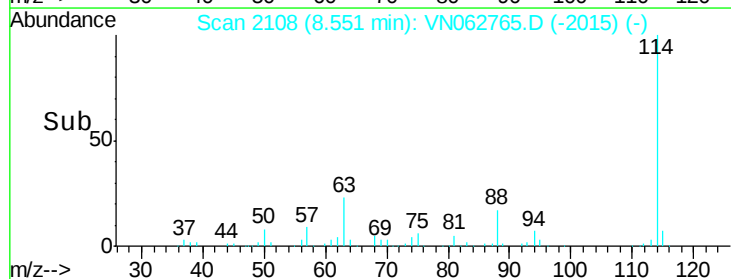
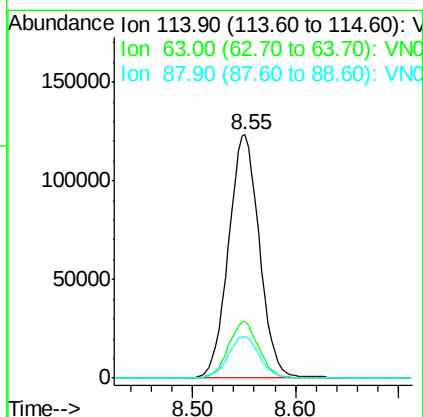
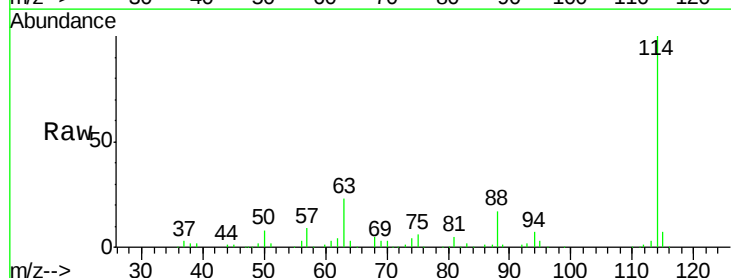
Tgt Ion: 114 Resp: 257176

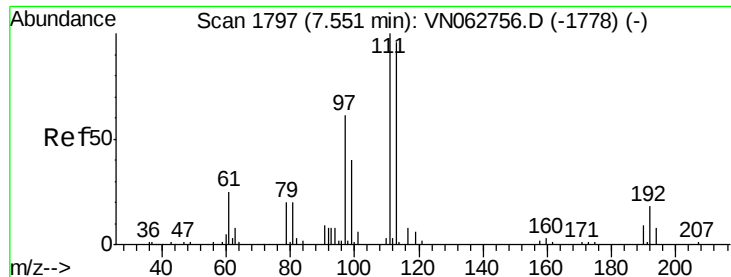
Ion Ratio Lower Upper

114 100

63 23.5 0.0 47.6

88 17.0 0.0 34.4

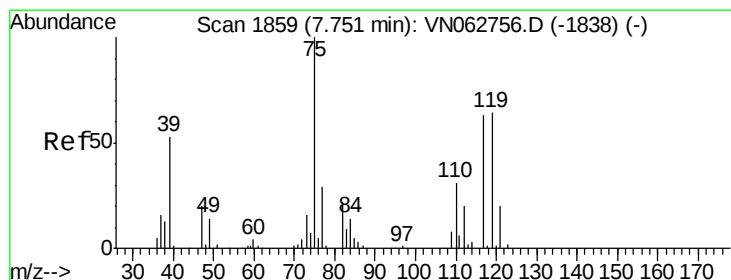
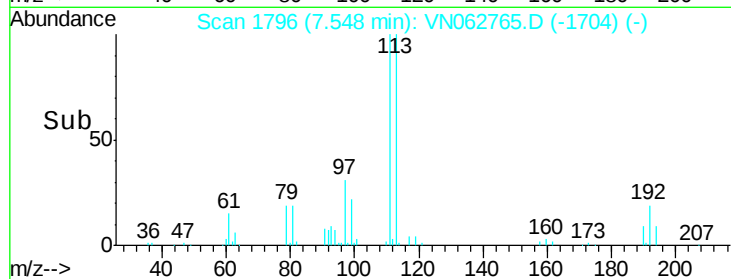
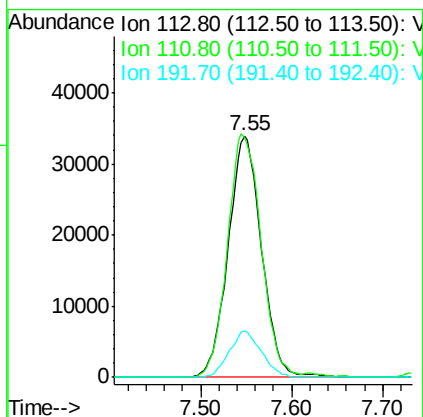
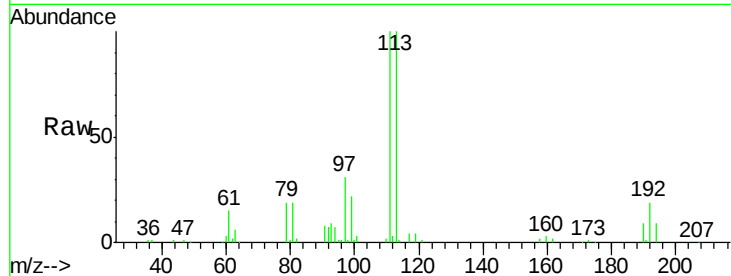




#35
Dibromofluoromethane
Concen: 49.011 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN062765.D
Acq: 6 Aug 2020 14:41

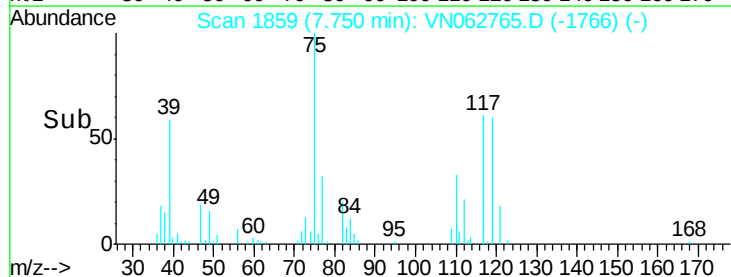
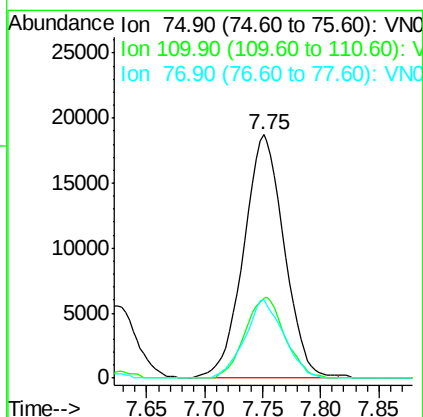
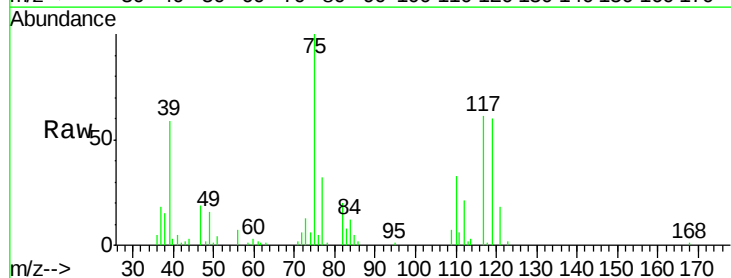
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBSD01

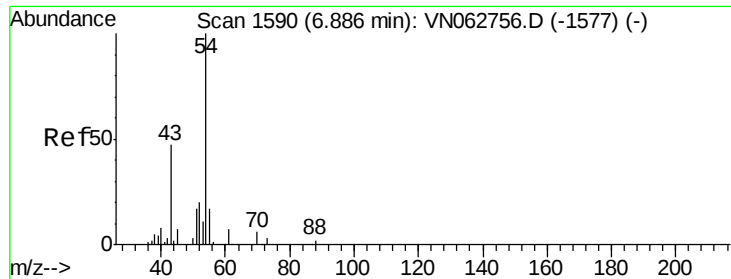
Tot Ion:113 Resp: 86221
Ion Ratio Lower Upper
113 100
111 101.7 81.8 122.6
192 18.4 15.0 22.4



#36
1,1-Dichloropropene
Concen: 18.187 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN062765.D
Acq: 6 Aug 2020 14:41

Tgt Ion: 75 Resp: 45542
Ion Ratio Lower Upper
75 100
110 32.7 15.6 46.7
77 30.6 24.1 36.1

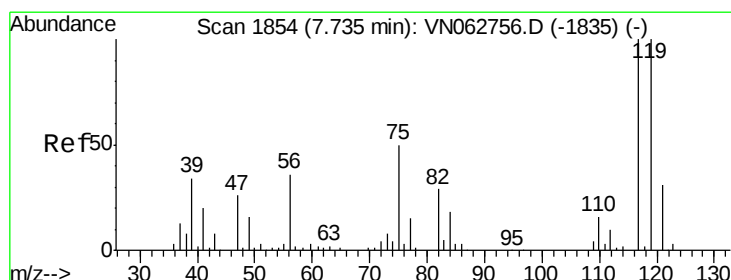
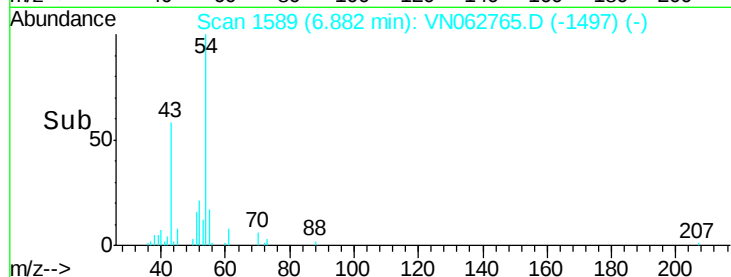
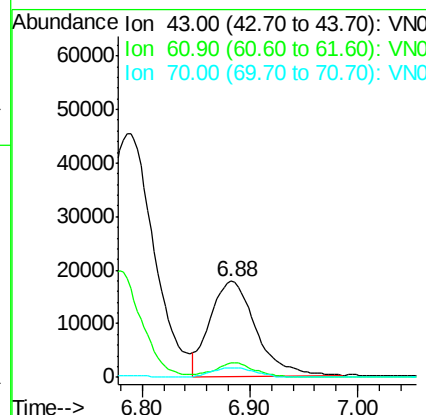
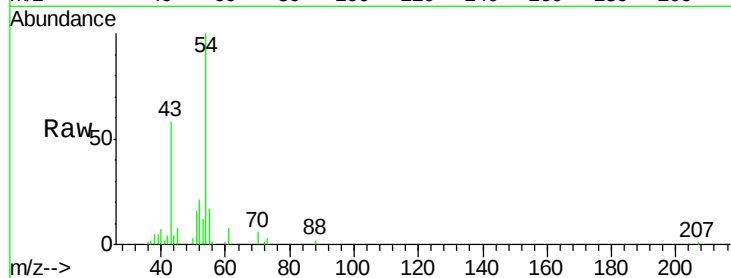




#37
Ethyl Acetate
Concen: 20.066 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. -0.00 min
Lab File: VN062765.D
Acq: 6 Aug 2020 14:41

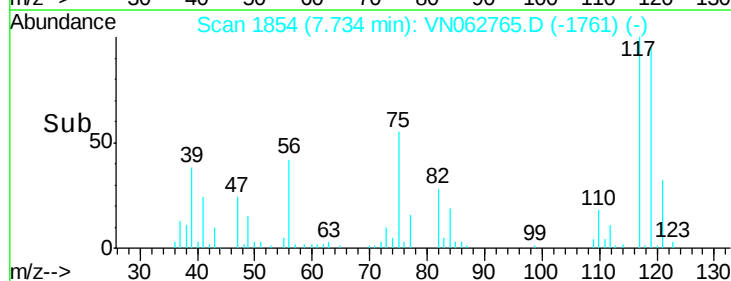
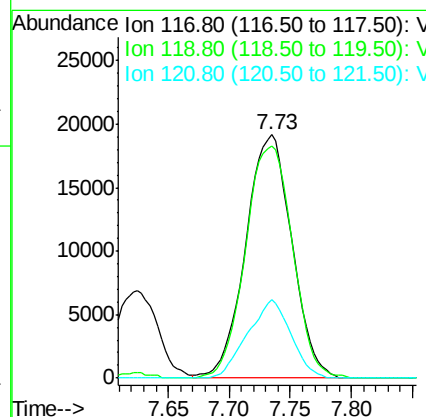
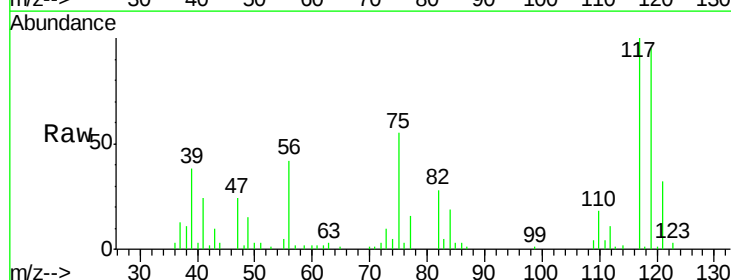
Instrument :
MSVOA_N
ClientSampled :
VN0806WBSD01

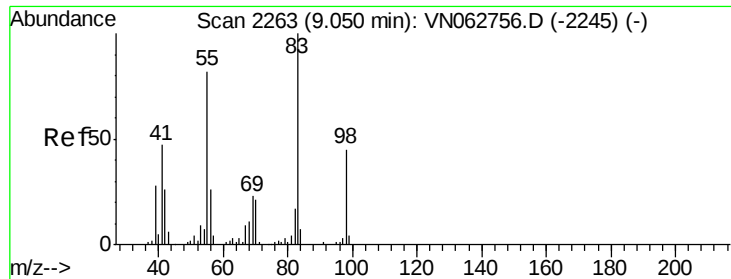
Tot Ion: 43 Resp: 52489
Ion Ratio Lower Upper
43 100
61 13.3 12.1 18.1
70 9.4 8.3 12.5



#38
Carbon Tetrachloride
Concen: 16.995 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VN062765.D
Acq: 6 Aug 2020 14:41

Tgt Ion: 117 Resp: 50334
Ion Ratio Lower Upper
117 100
119 95.4 79.4 119.2
121 32.2 24.9 37.3

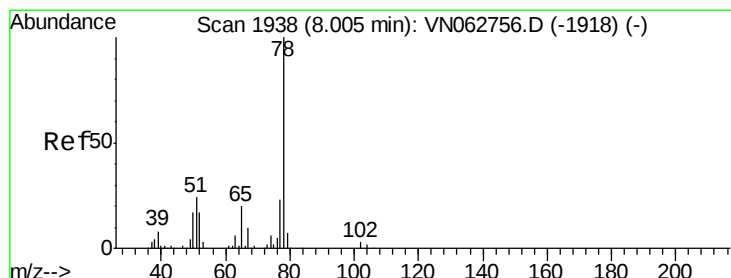
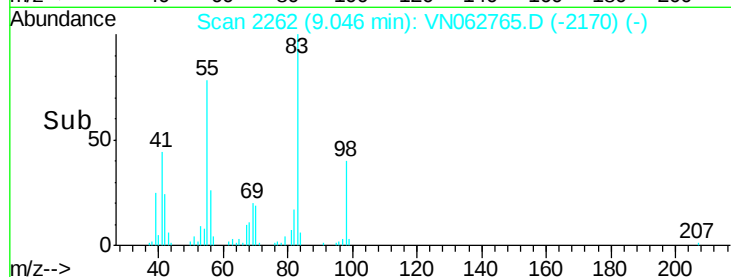
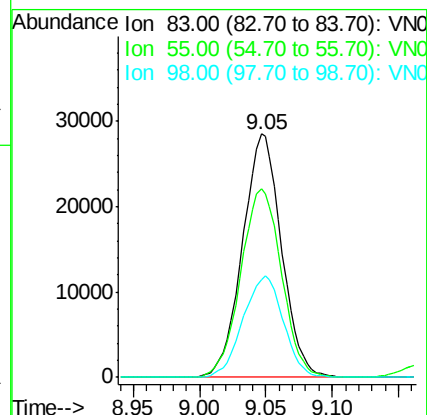
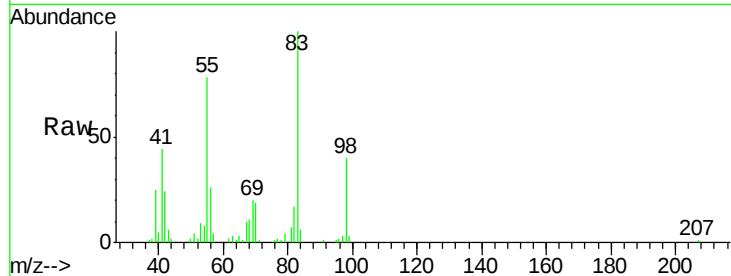




#39
Methvlcvclohexane
Concen: 19.324 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062765.D
Acq: 6 Aug 2020 14:41

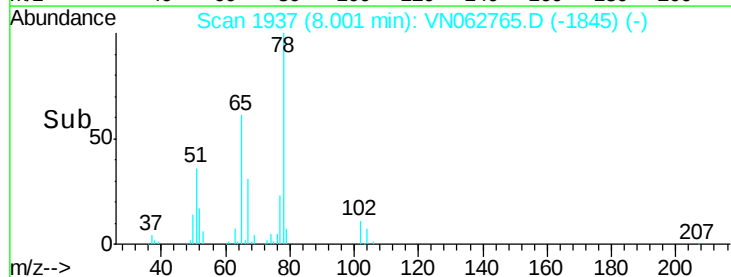
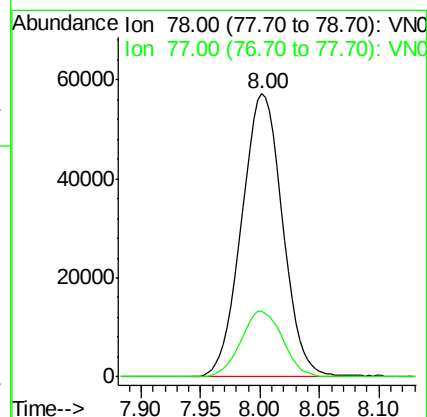
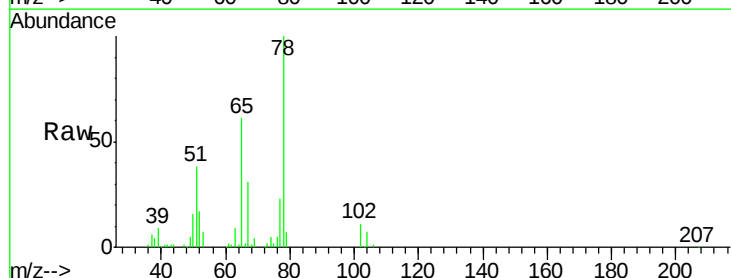
Instrument :
MSVOA_N
ClientSampled :
VN0806WBSD01

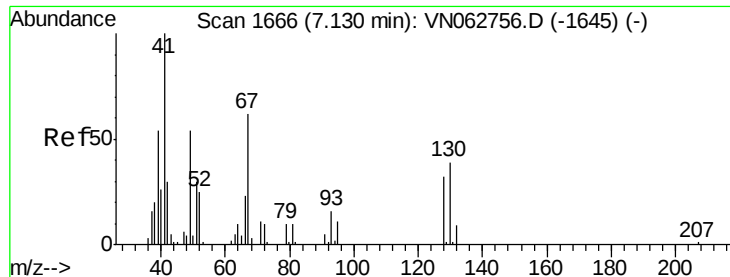
Tot Ion: 83 Resp: 58236
Ion Ratio Lower Upper
83 100
55 77.5 65.7 98.5
98 40.3 35.6 53.4



#40
Benzene
Concen: 18.255 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062765.D
Acq: 6 Aug 2020 14:41

Tgt Ion: 78 Resp: 136412
Ion Ratio Lower Upper
78 100
77 23.3 18.1 27.1

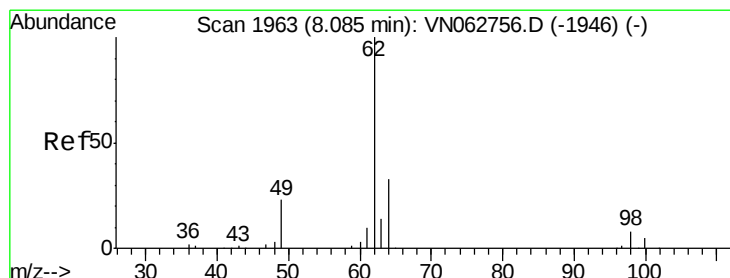
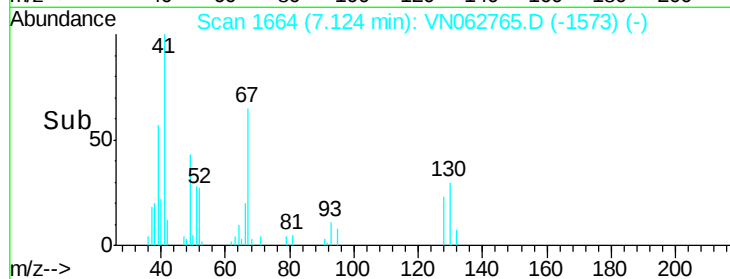
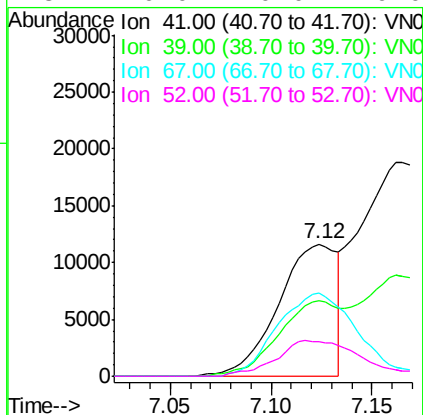
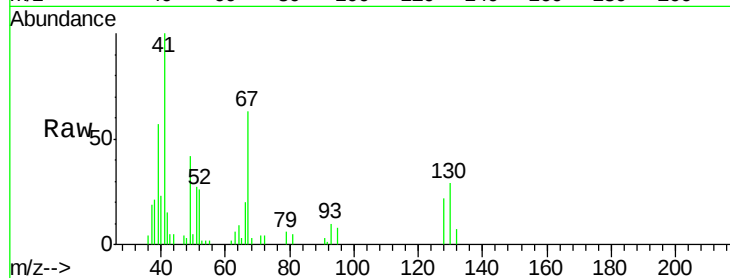




#41
Methacrylonitrile
Concen: 19.780 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. -0.01 min
Lab File: VN062765.D
Acq: 6 Aug 2020 14:41

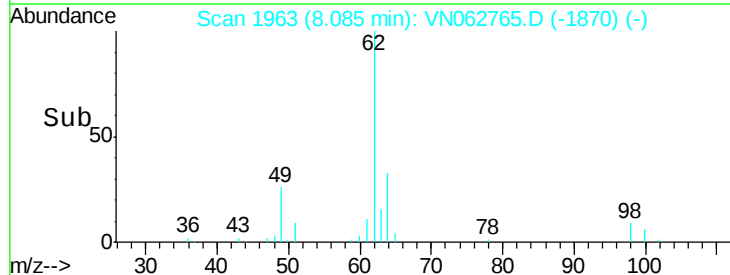
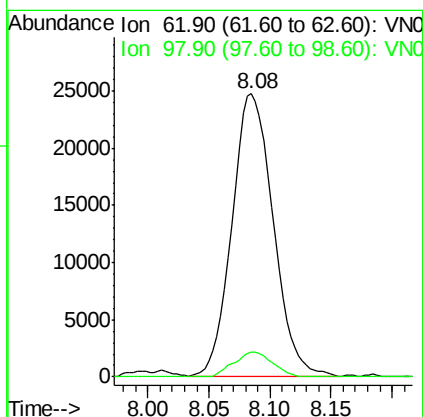
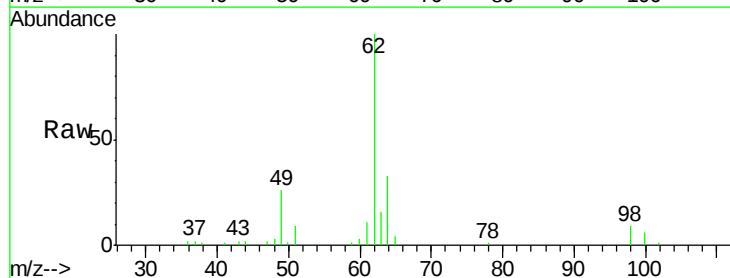
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBSD01

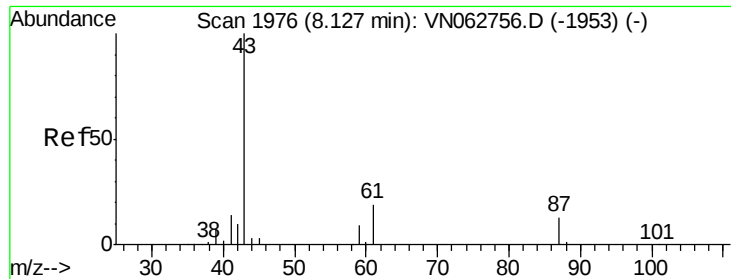
Tot Ion: 41 Resp: 23348
Ion Ratio Lower Upper
41 100
39 56.7 69.4 104.2#
67 87.8 0.0 0.0#
52 40.0 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 18.295 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062765.D
Acq: 6 Aug 2020 14:41

Tgt Ion: 62 Resp: 58186
Ion Ratio Lower Upper
62 100
98 8.2 0.0 15.8





#43

Isopropyl Acetate

Concen: 19.499 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062765.D

Acq: 6 Aug 2020 14:41

Instrument :

MSVOA_N

ClientSampleId :

VN0806WBSD01

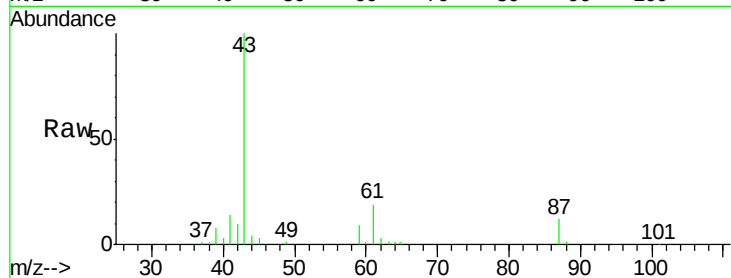
Tot Ion: 43 Resp: 85075

Ion Ratio Lower Upper

43 100

61 20.3 15.8 23.6

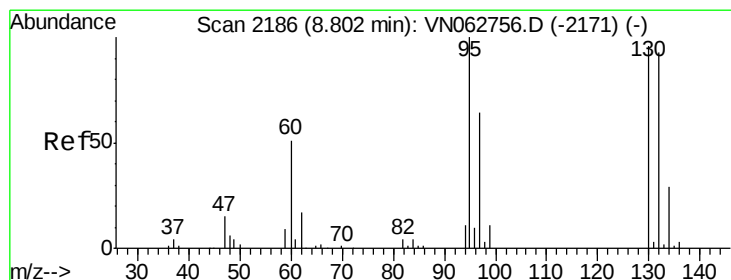
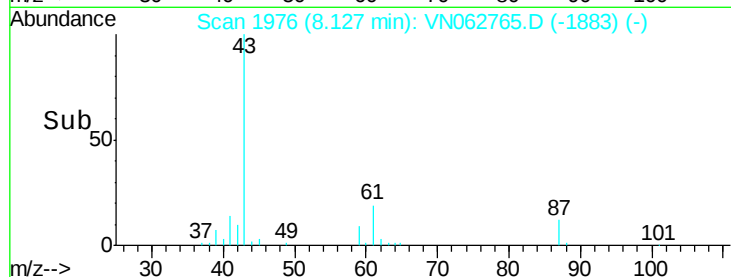
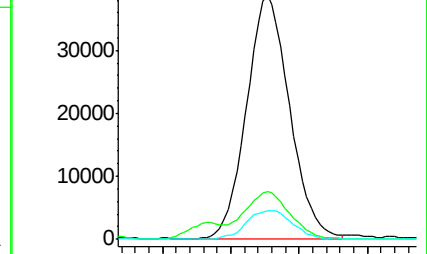
87 12.6 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VN062765.D (-1953) (-)

Ion 61.00 (60.70 to 61.70): VN062765.D (-1953) (-)

Ion 87.00 (86.70 to 87.70): VN062765.D (-1953) (-)



#44

Trichloroethene

Concen: 18.018 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN062765.D

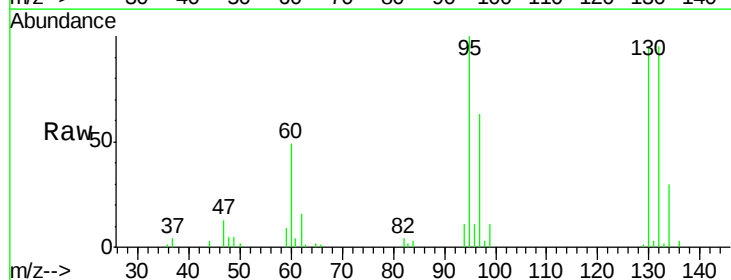
Acq: 6 Aug 2020 14:41

Tgt Ion: 130 Resp: 32803

Ion Ratio Lower Upper

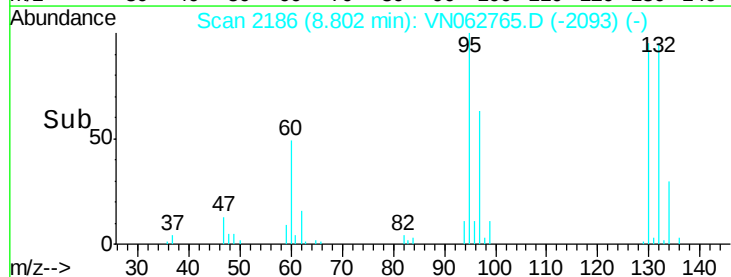
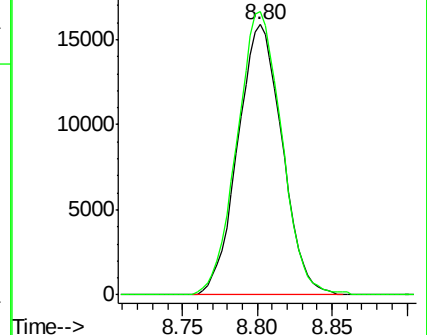
130 100

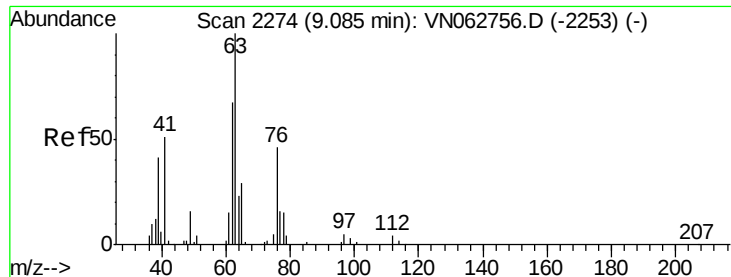
95 104.8 0.0 207.6



Abundance Ion 129.80 (129.50 to 130.50): VN062765.D (-2171) (-)

Ion 94.90 (94.60 to 95.60): VN062765.D (-2171) (-)





#45

1,2-Dichloropropane

Concen: 19.111 ug/l

RT: 9.08 min Scan# 2274

Delta R.T. -0.00 min

Lab File: VN062765.D

Acq: 6 Aug 2020 14:41

Instrument :

MSVOA_N

ClientSampleId :

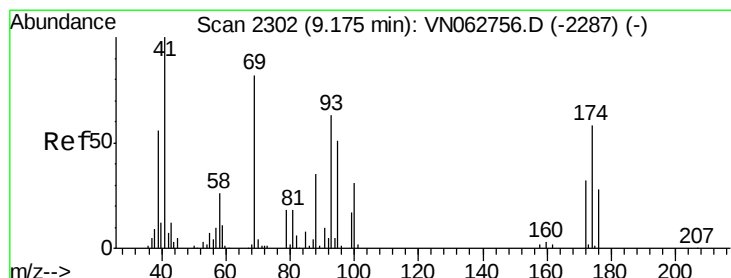
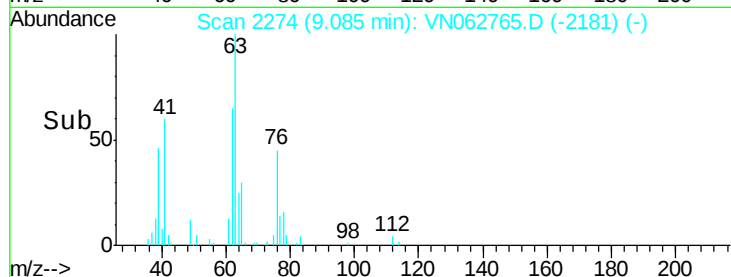
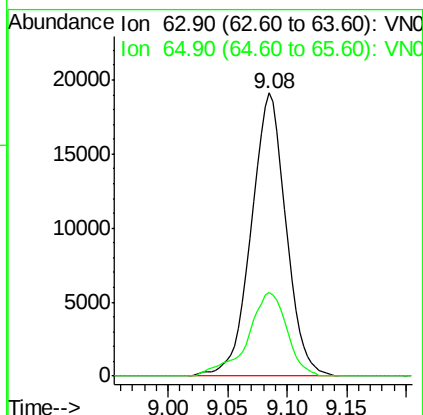
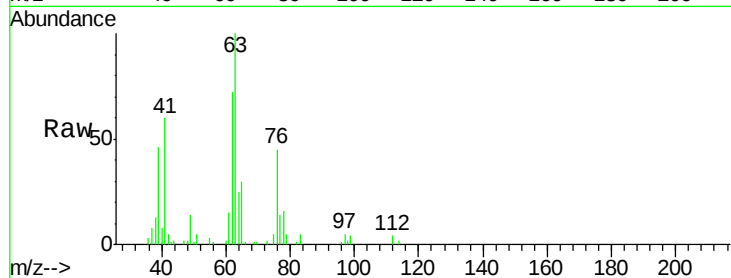
VN0806WBSD01

Tot Ion: 63 Resp: 38650

Ion Ratio Lower Upper

63 100

65 29.5 23.5 35.3



#46

Dibromomethane

Concen: 19.483 ug/l

RT: 9.17 min Scan# 2302

Delta R.T. -0.00 min

Lab File: VN062765.D

Acq: 6 Aug 2020 14:41

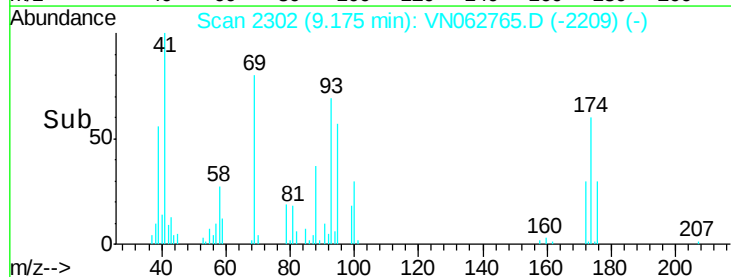
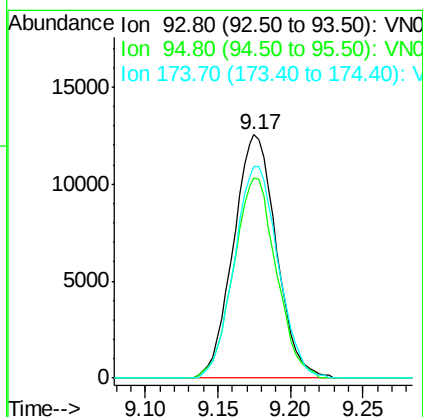
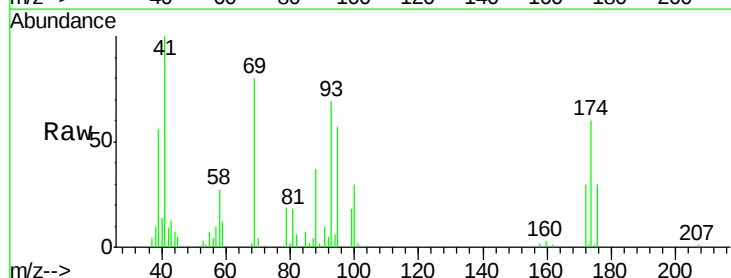
Tgt Ion: 93 Resp: 25817

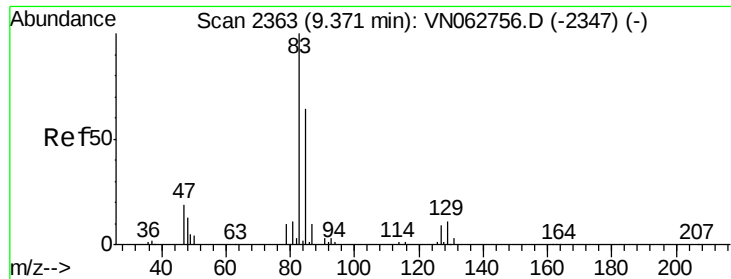
Ion Ratio Lower Upper

93 100

95 81.7 65.1 97.7

174 88.7 73.9 110.9

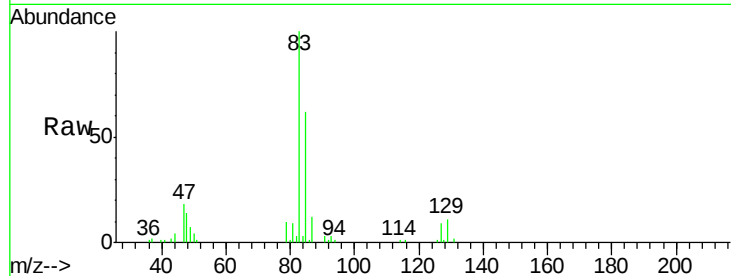




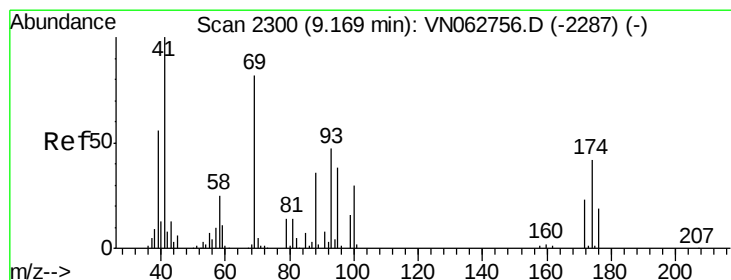
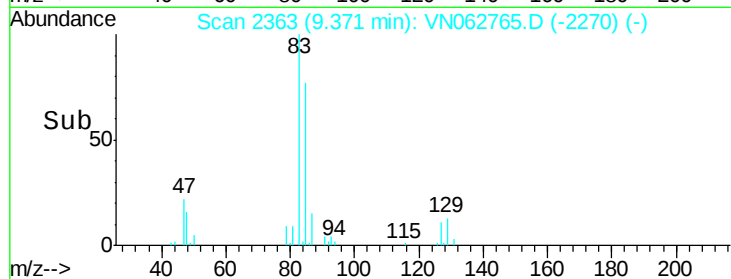
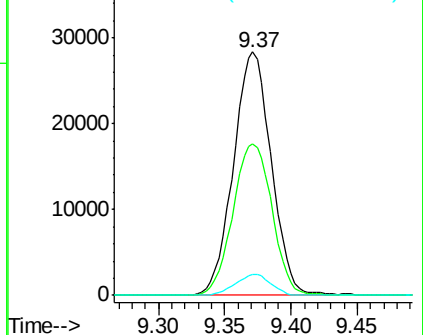
#47
 Bromodichloromethane
 Concen: 18.925 ug/l
 RT: 9.37 min Scan# 2363
 Delta R.T. -0.00 min
 Lab File: VN062765.D
 Acq: 6 Aug 2020 14:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBSD01

Tot Ion	83	Resp	56323
Ion	Ratio	Lower	Upper
83	100		
85	62.2	51.4	77.0
127	8.6	6.9	10.3

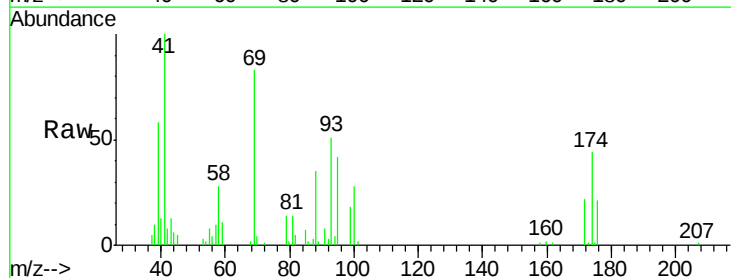


Abundance Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 126.80 (126.50 to 127.50): V

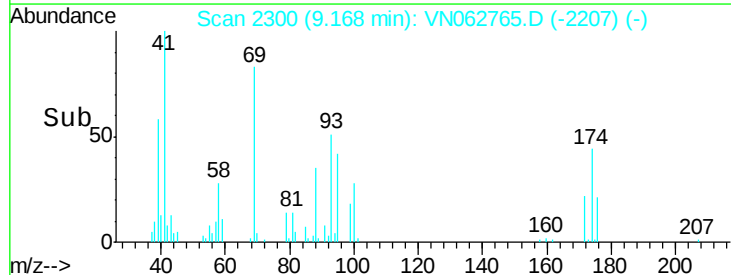
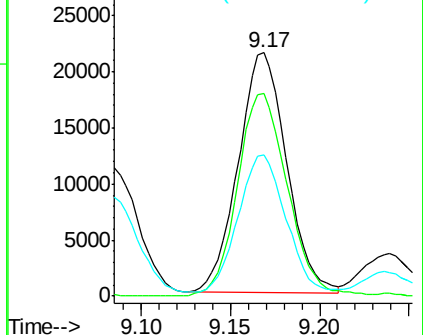


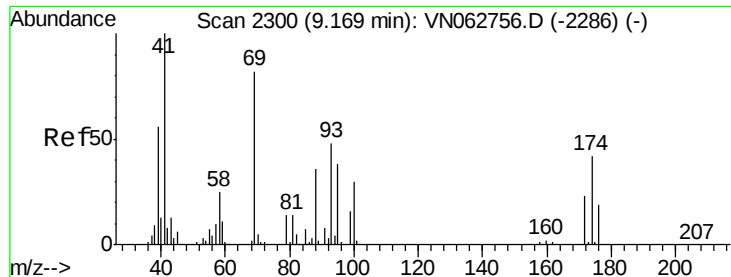
#48
 Methyl methacrylate
 Concen: 18.857 ug/l
 RT: 9.17 min Scan# 2300
 Delta R.T. -0.00 min
 Lab File: VN062765.D
 Acq: 6 Aug 2020 14:41

Tgt Ion	41	Resp	40469
Ion	Ratio	Lower	Upper
41	100		
69	87.2	67.4	101.2
39	56.7	47.6	71.4



Abundance Ion 41.00 (40.70 to 41.70): VN0
 Ion 69.00 (68.70 to 69.70): VN0
 Ion 39.00 (38.70 to 39.70): VN0

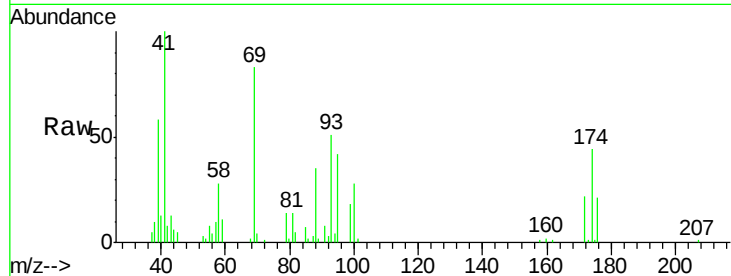




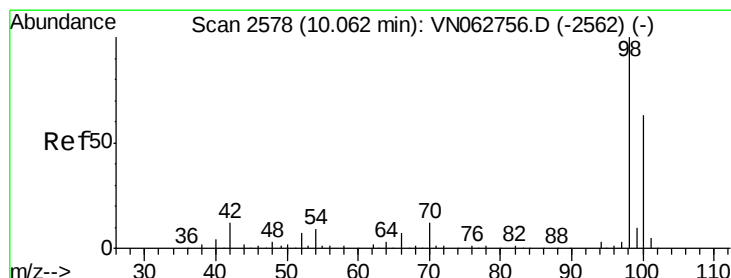
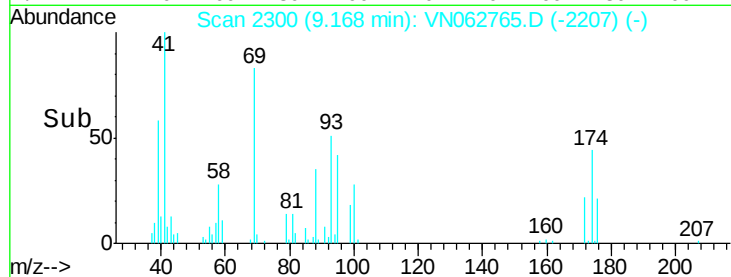
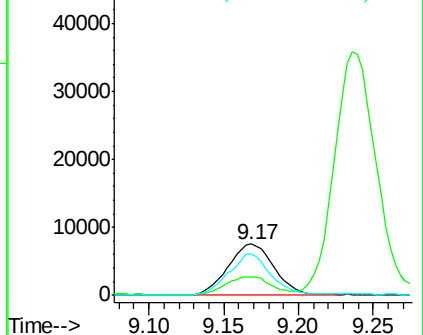
#49
1,4-Dioxane
Concen: 411.187 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. -0.00 min
Lab File: VN062765.D
Acq: 6 Aug 2020 14:41

Instrument :
MSVOA_N
ClientSampleId :
VN0806WBSD01

Tot Ion: 88 Resp: 16351
Ion Ratio Lower Upper
88 100
43 36.5 29.5 44.3
58 73.3 59.8 89.8

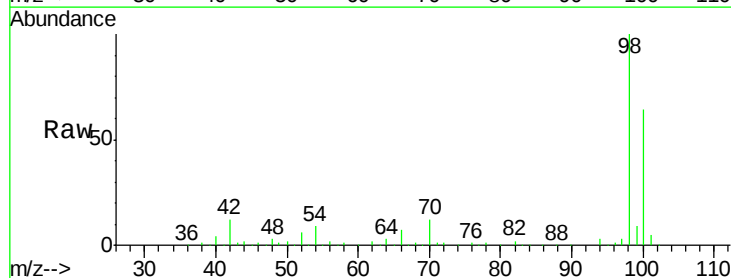


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

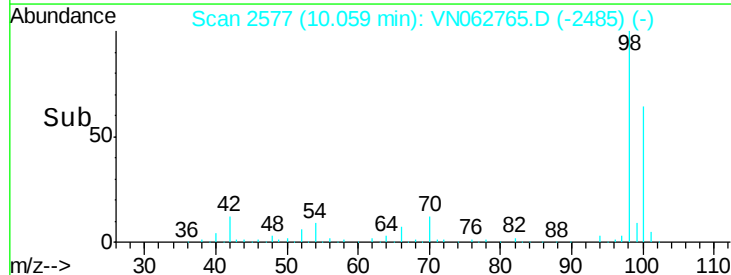
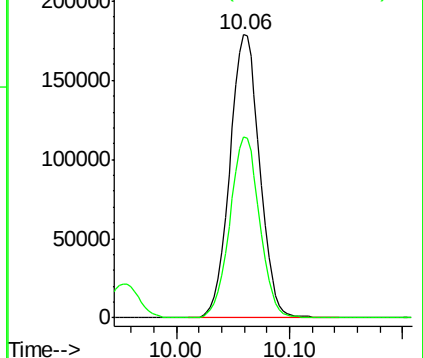


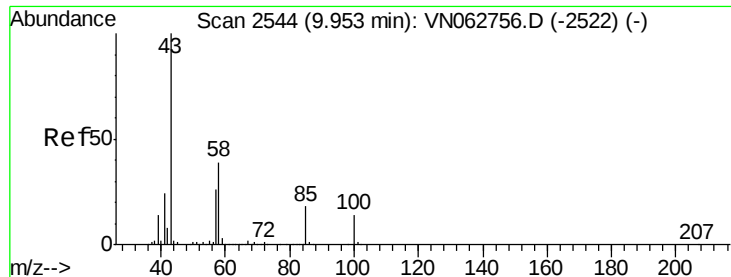
#50
Toluene-d8
Concen: 47.780 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062765.D
Acq: 6 Aug 2020 14:41

Tgt Ion: 98 Resp: 328162
Ion Ratio Lower Upper
98 100
100 63.2 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: 101.217 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062765.D

Acq: 6 Aug 2020 14:41

Instrument :

MSVOA_N

ClientSampleId :

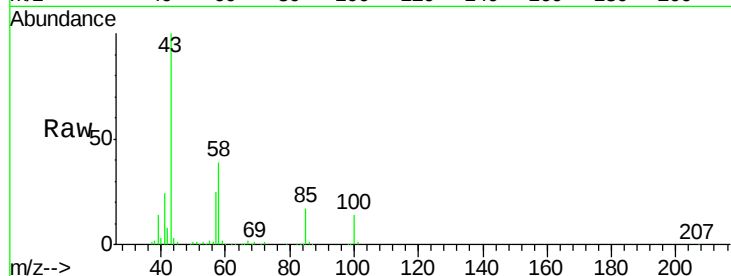
VN0806WBSD01

Tot Ion: 43 Resp: 285736

Ion Ratio Lower Upper

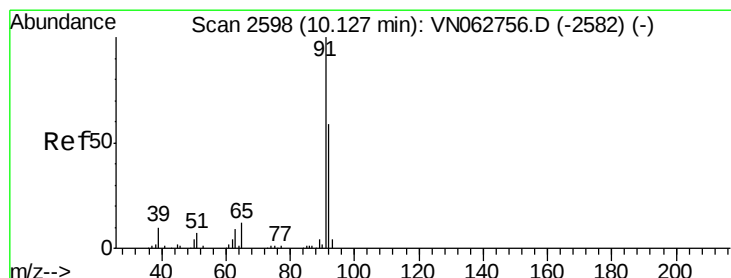
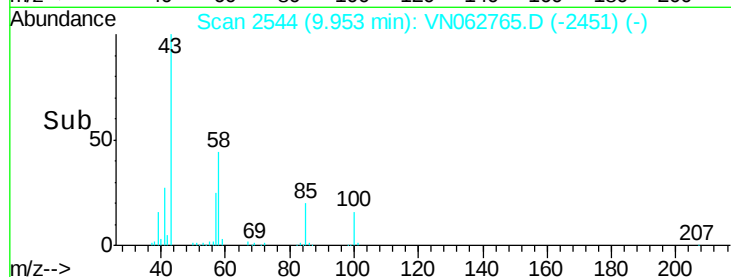
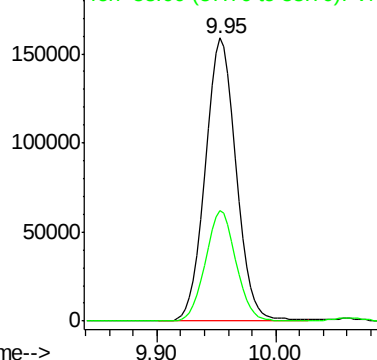
43 100

58 38.4 31.1 46.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 18.138 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062765.D

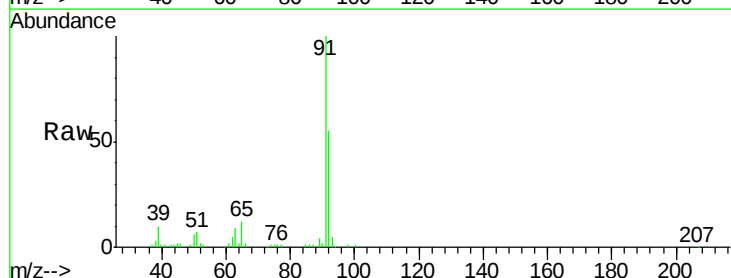
Acq: 6 Aug 2020 14:41

Tgt Ion: 92 Resp: 83685

Ion Ratio Lower Upper

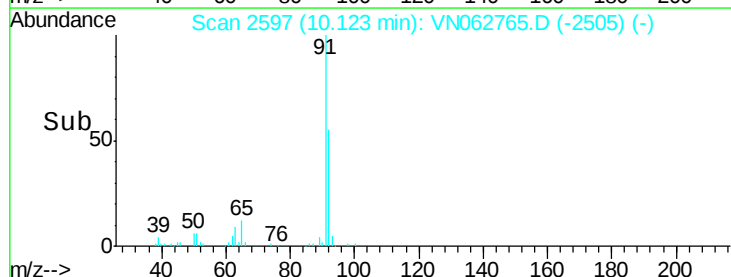
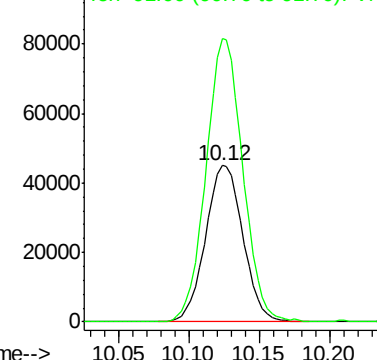
92 100

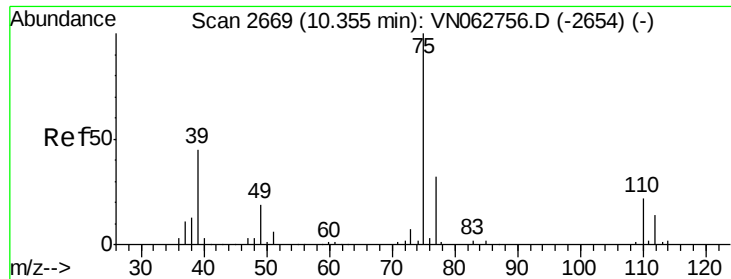
91 178.2 138.9 208.3



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 17.988 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062765.D

Acq: 6 Aug 2020 14:41

Instrument :

MSVOA_N

ClientSampleId :

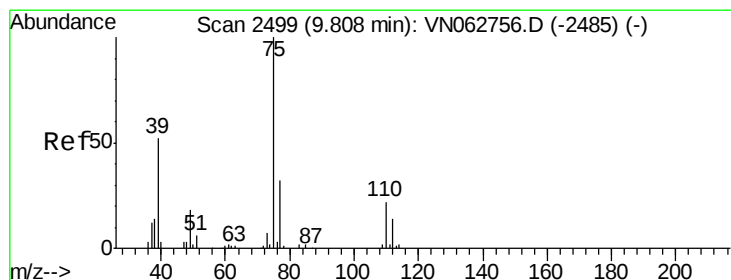
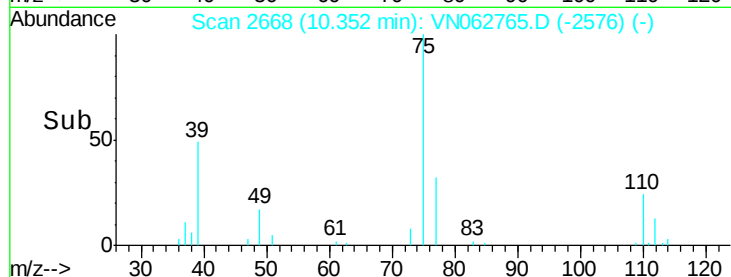
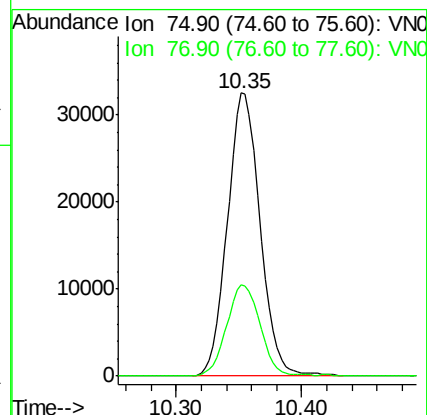
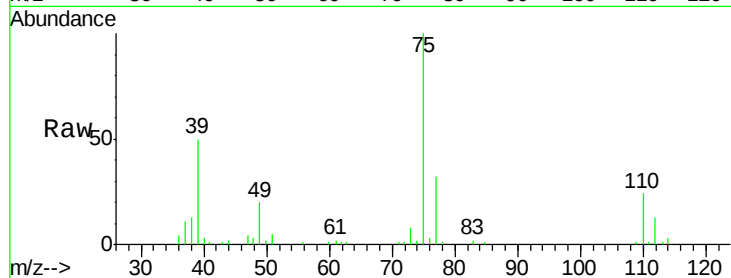
VN0806WBSD01

Tot Ion: 75 Resp: 58886

Ion Ratio Lower Upper

75 100

77 32.3 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 18.618 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN062765.D

Acq: 6 Aug 2020 14:41

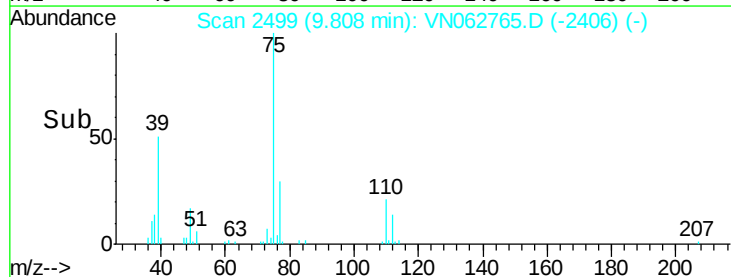
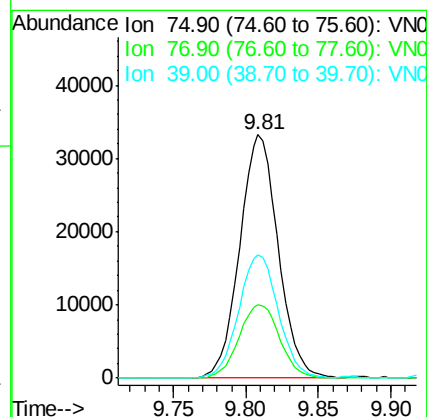
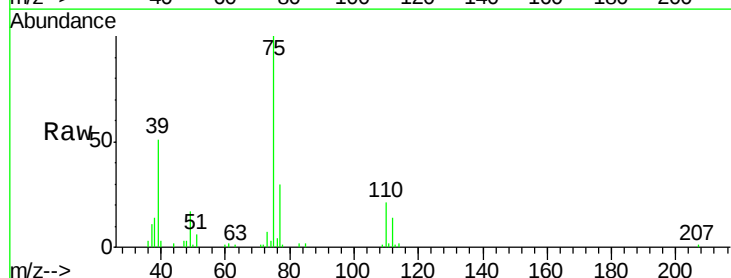
Tgt Ion: 75 Resp: 61193

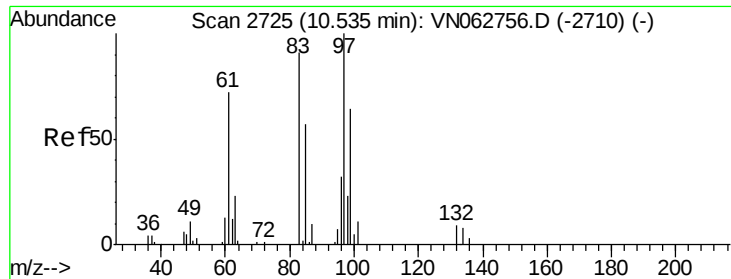
Ion Ratio Lower Upper

75 100

77 30.1 25.5 38.3

39 50.8 41.9 62.9

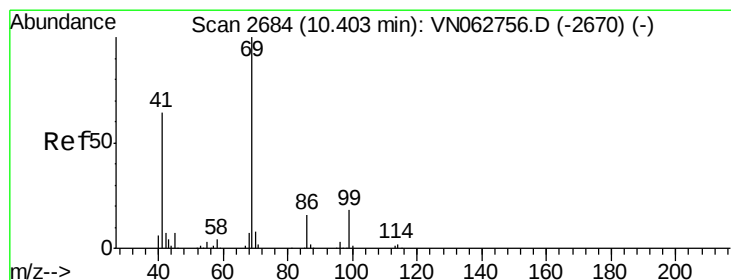
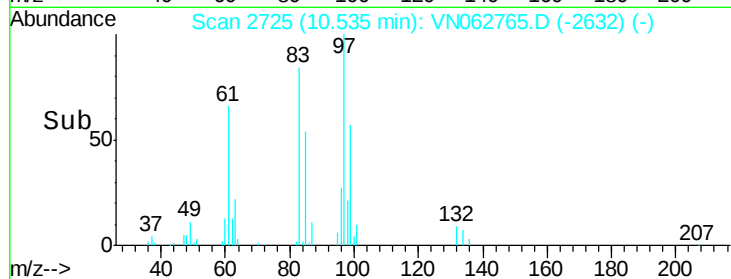
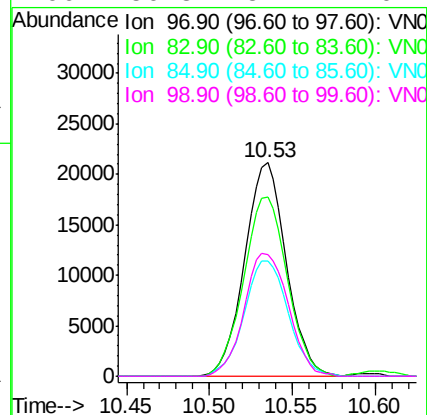
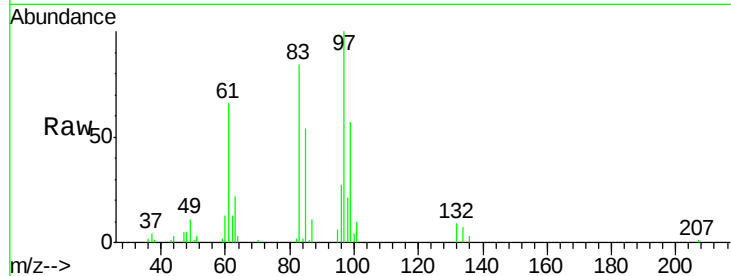




#55
 1,1,2-Trichloroethane
 Concen: 18.811 ug/l
 RT: 10.53 min Scan# 2725
 Delta R.T. -0.00 min
 Lab File: VN062765.D
 Acq: 6 Aug 2020 14:41

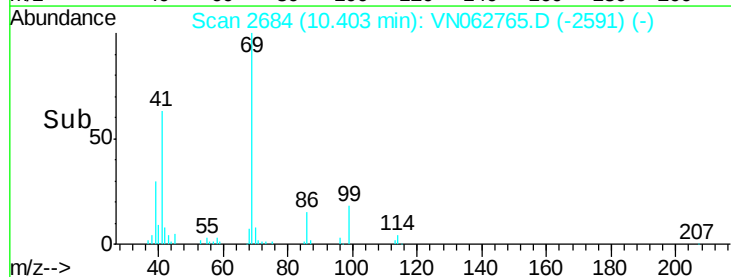
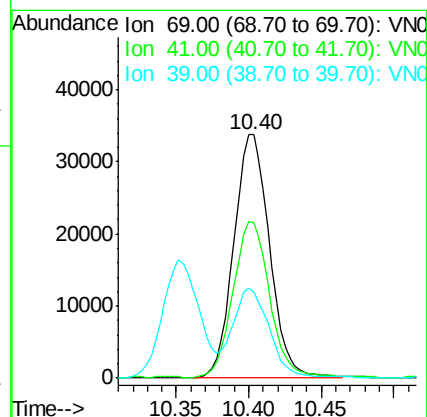
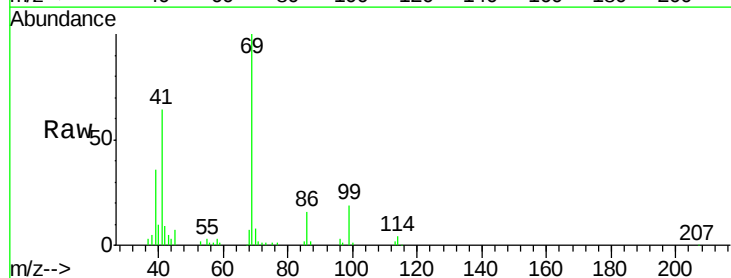
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBSD01

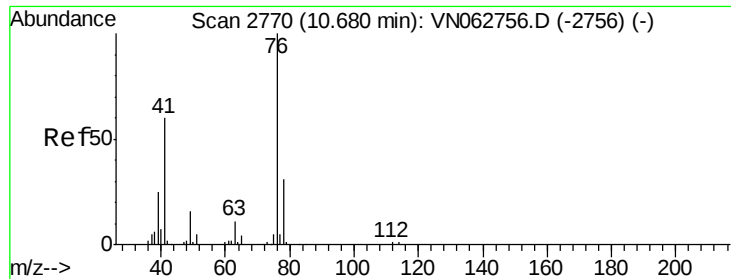
Tot Ion:	97	Resp:	37067
Ion	Ratio	Lower	Upper
97	100		
83	83.7	72.6	108.8
85	53.7	46.0	69.0
99	56.8	51.1	76.7



#56
 Ethyl methacrylate
 Concen: 19.544 ug/l
 RT: 10.40 min Scan# 2684
 Delta R.T. -0.00 min
 Lab File: VN062765.D
 Acq: 6 Aug 2020 14:41

Tgt Ion:	69	Resp:	57965
Ion	Ratio	Lower	Upper
69	100		
41	66.1	52.2	78.2
39	37.3	30.9	46.3





#57

1,3-Dichloropropane

Concen: 19.000 ug/l

RT: 10.68 min Scan# 2770

Delta R.T. -0.00 min

Lab File: VN062765.D

Acq: 6 Aug 2020 14:41

Instrument :

MSVOA_N

ClientSampleId :

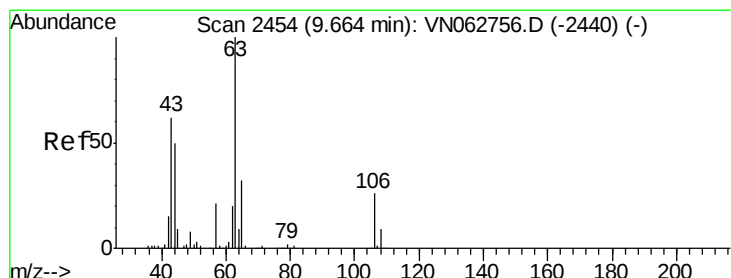
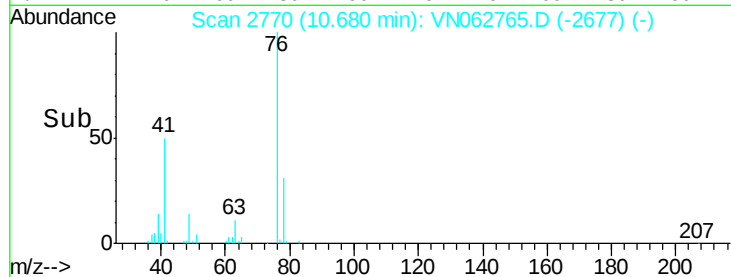
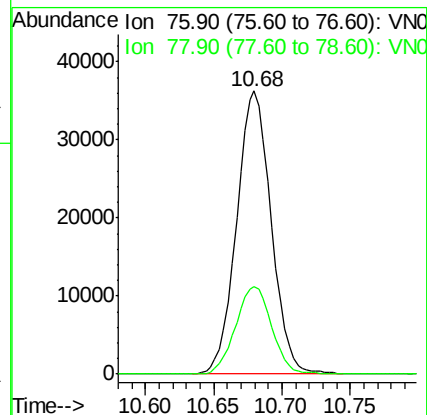
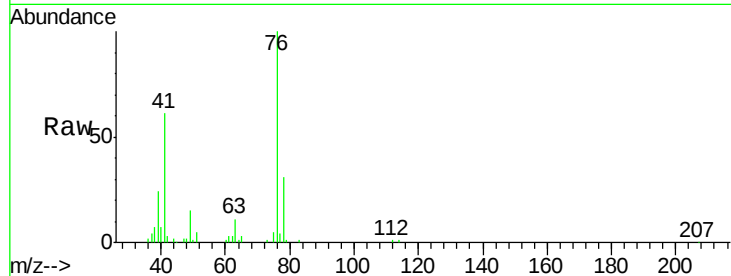
VN0806WBSD01

Tot Ion: 76 Resp: 63613

Ion Ratio Lower Upper

76 100

78 32.3 25.4 38.0



#58

2-Chloroethyl Vinyl ether

Concen: 96.058 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. -0.00 min

Lab File: VN062765.D

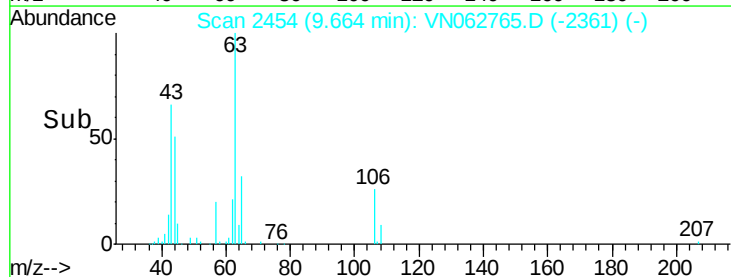
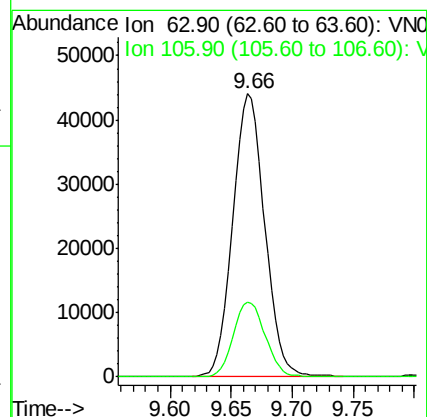
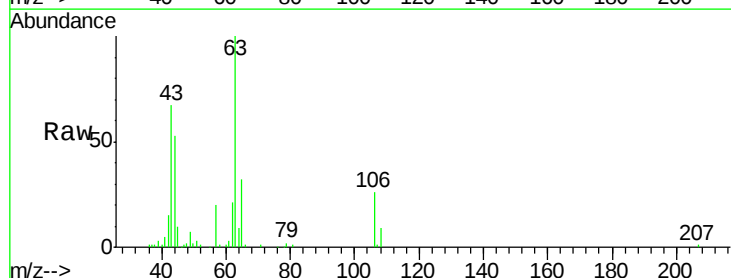
Acq: 6 Aug 2020 14:41

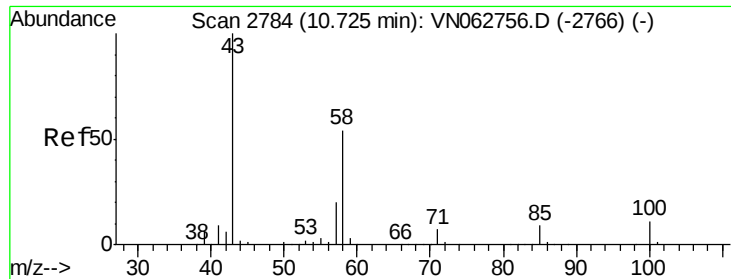
Tgt Ion: 63 Resp: 80531

Ion Ratio Lower Upper

63 100

106 26.2 20.9 31.3

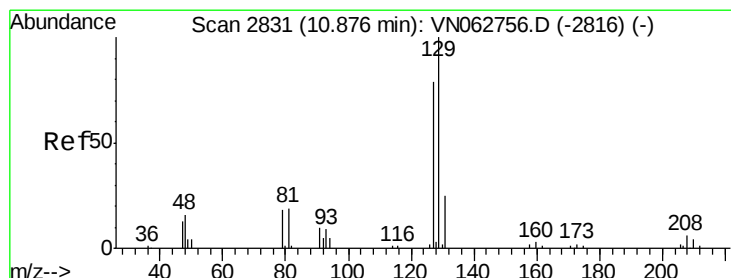
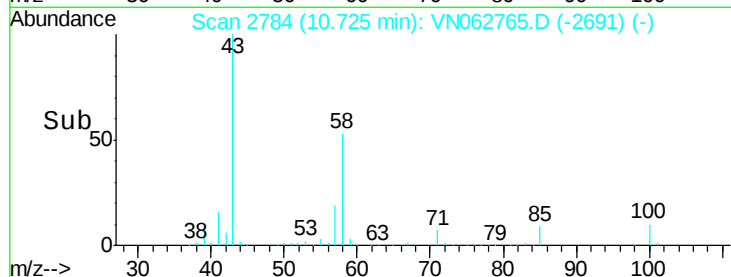
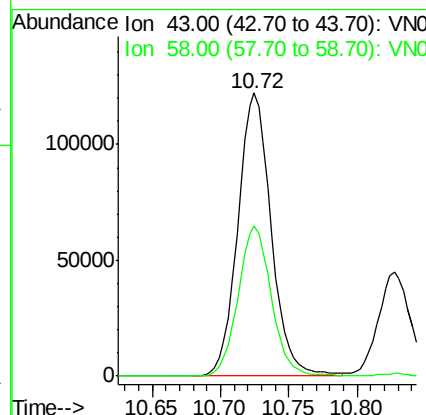
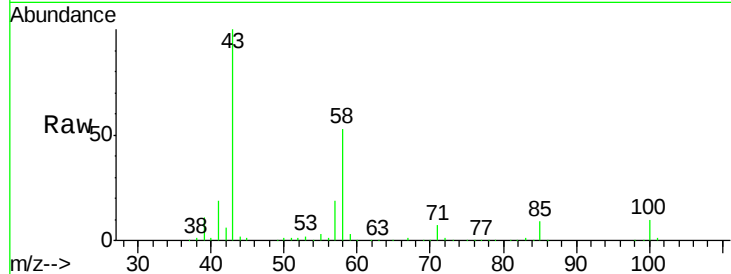




#59
2-Hexanone
Concen: 98.574 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. -0.00 min
Lab File: VN062765.D
Acq: 6 Aug 2020 14:41

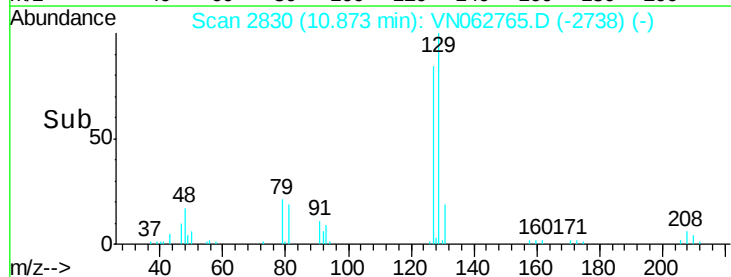
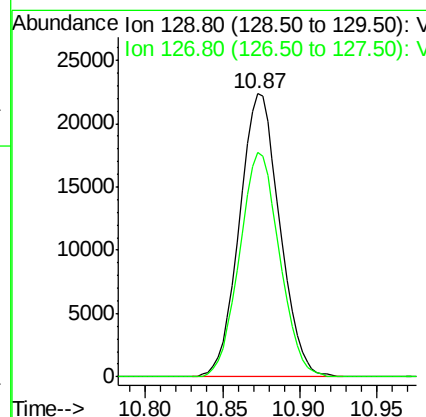
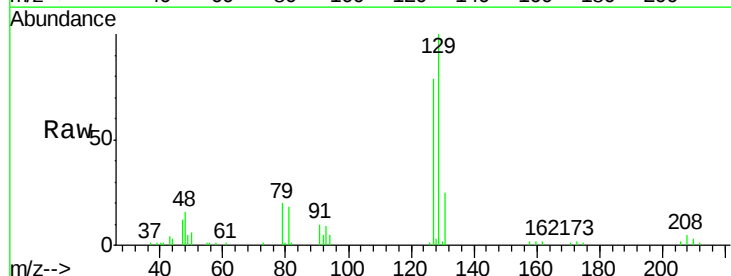
Instrument :
MSVOA_N
ClientSampled :
VN0806WBSD01

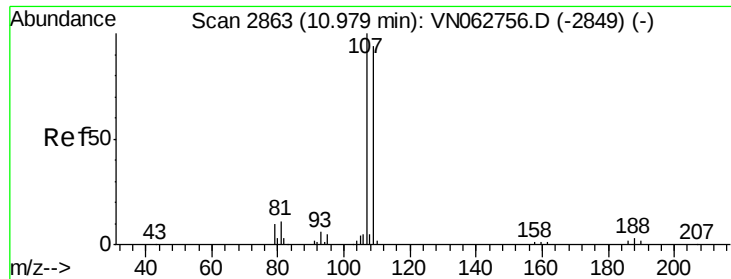
Tot Ion: 43 Resp: 207577
Ion Ratio Lower Upper
43 100
58 53.0 26.7 80.1



#60
Dibromochloromethane
Concen: 18.004 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062765.D
Acq: 6 Aug 2020 14:41

Tgt Ion: 129 Resp: 40484
Ion Ratio Lower Upper
129 100
127 78.5 39.1 117.2

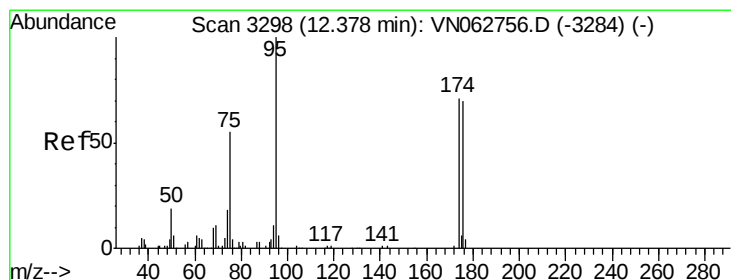
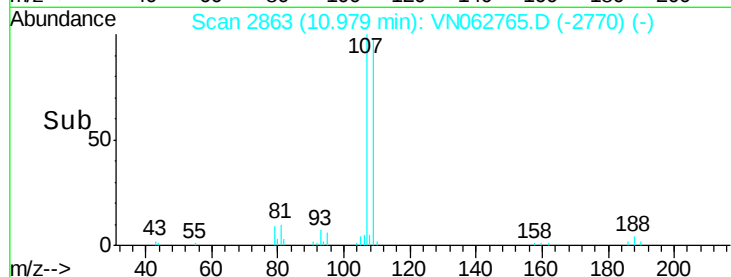
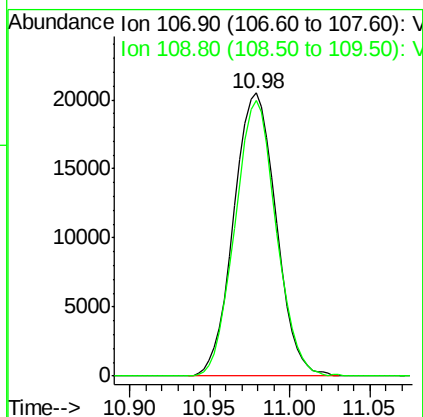
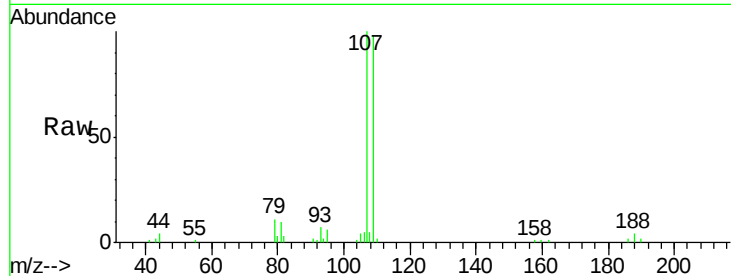




#61
 1,2-Dibromoethane
 Concen: 19.034 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. -0.00 min
 Lab File: VN062765.D
 Acq: 6 Aug 2020 14:41

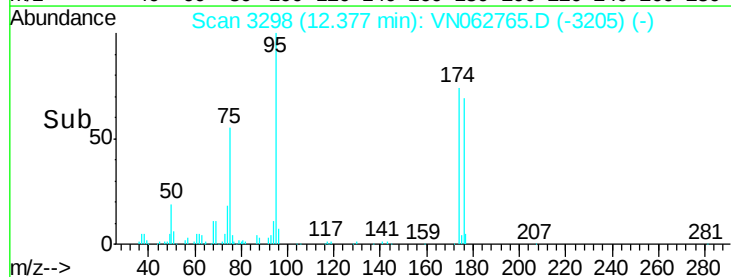
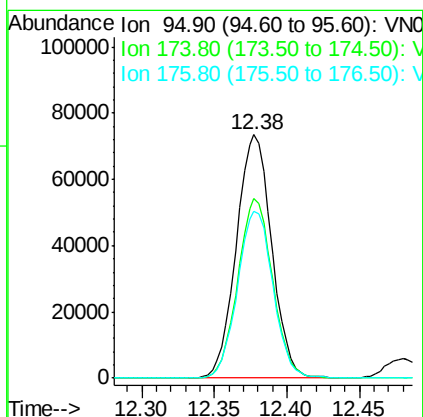
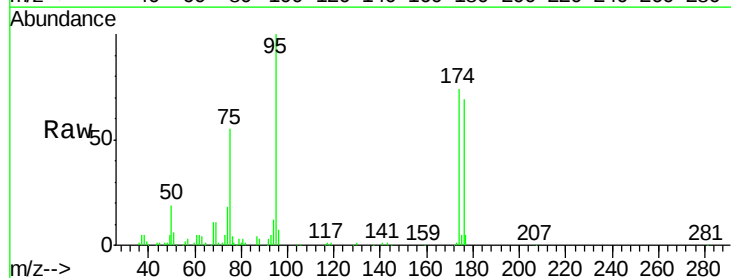
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBSD01

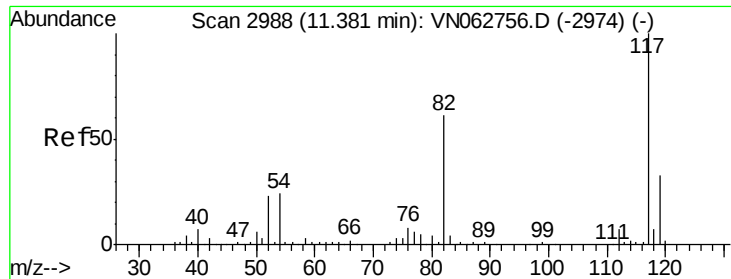
Tot Ion:107 Resp: 37009
 Ion Ratio Lower Upper
 107 100
 109 94.8 76.1 114.1



#62
 4-Bromofluorobenzene
 Concen: 47.897 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062765.D
 Acq: 6 Aug 2020 14:41

Tgt Ion: 95 Resp: 124317
 Ion Ratio Lower Upper
 95 100
 174 73.0 0.0 144.8
 176 69.0 0.0 142.2

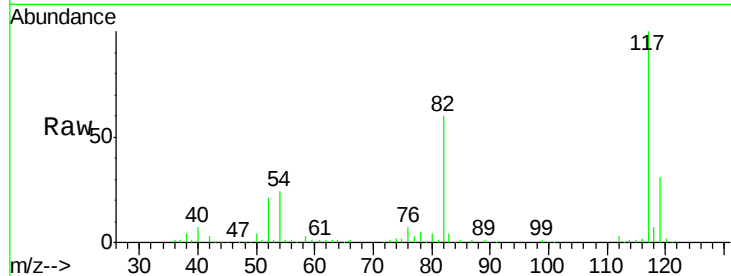




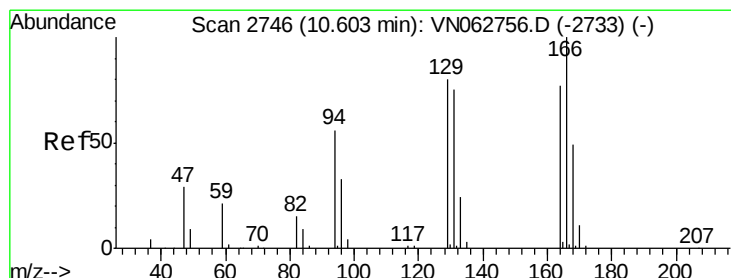
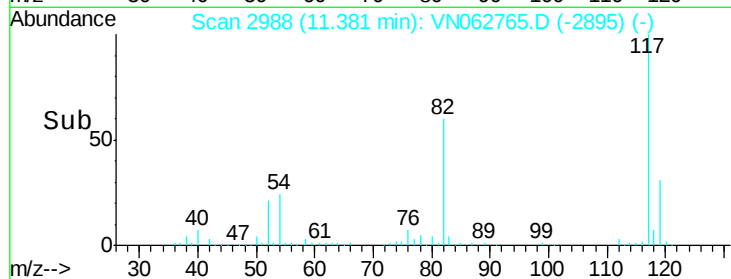
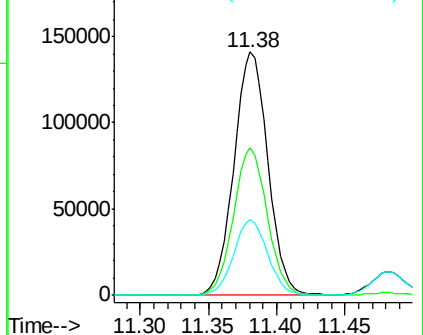
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062765.D
Acq: 6 Aug 2020 14:41

Instrument :
MSVOA_N
ClientSampleId :
VN0806WBSD01

Tot Ion:117 Resp: 244232
Ion Ratio Lower Upper
117 100
82 60.4 49.0 73.4
119 30.9 26.2 39.2

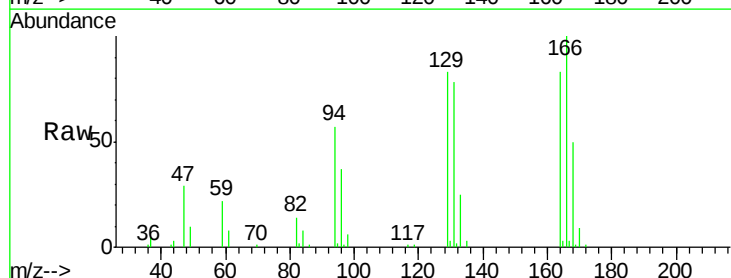


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

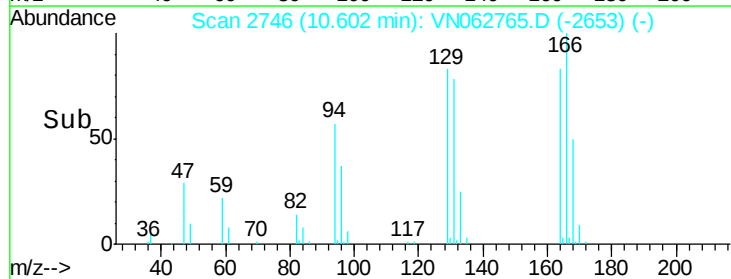
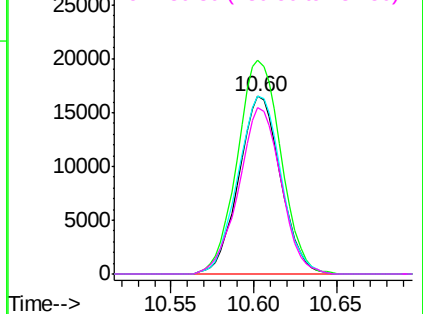


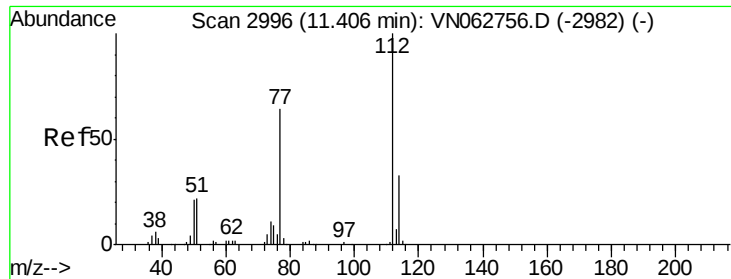
#64
Tetrachloroethene
Concen: 18.382 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062765.D
Acq: 6 Aug 2020 14:41

Tgt Ion:164 Resp: 28966
Ion Ratio Lower Upper
164 100
166 120.4 103.8 155.8
129 100.0 82.7 124.1
131 93.5 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

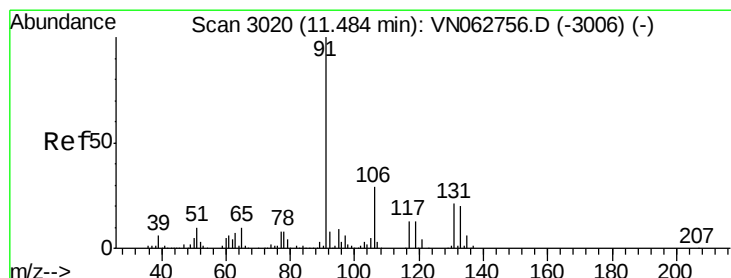
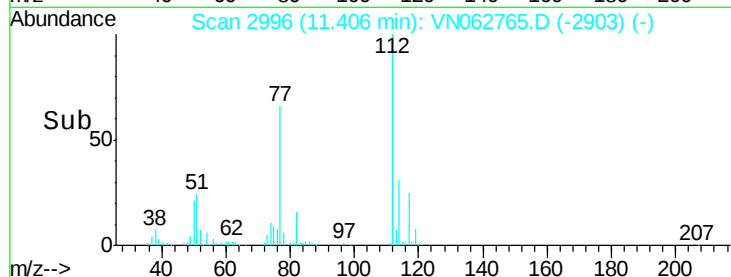
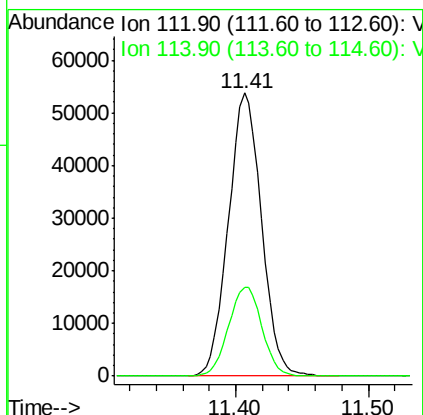
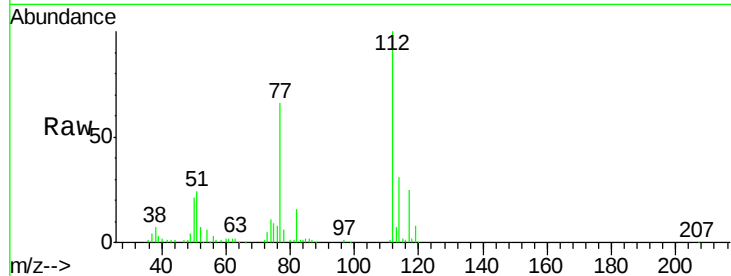




#65
Chlorobenzene
Concen: 18.286 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062765.D
Acq: 6 Aug 2020 14:41

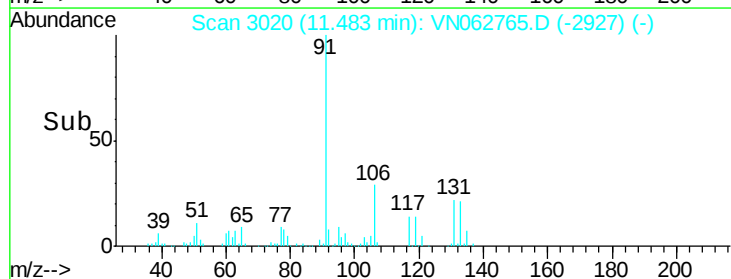
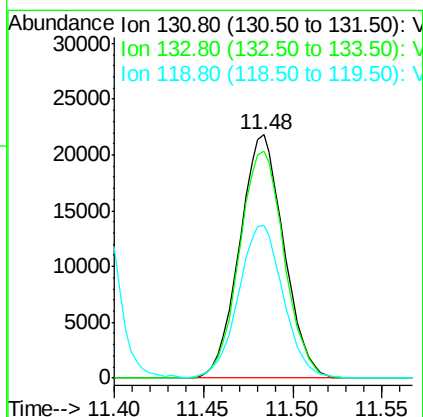
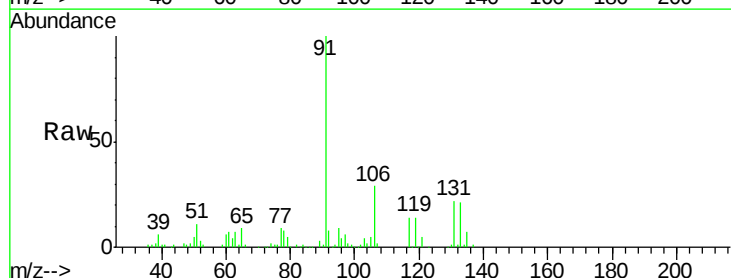
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBSD01

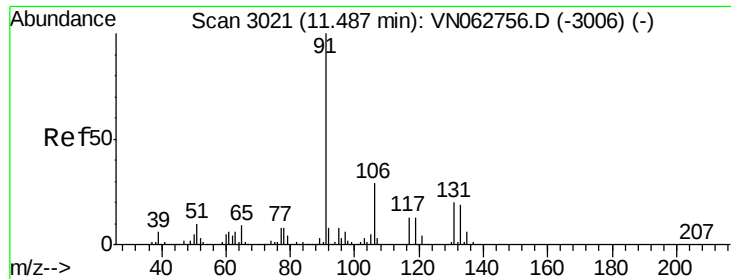
Tot Ion:112 Resp: 93355
Ion Ratio Lower Upper
112 100
114 31.3 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 18.475 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062765.D
Acq: 6 Aug 2020 14:41

Tgt Ion:131 Resp: 37878
Ion Ratio Lower Upper
131 100
133 94.0 48.6 145.8
119 63.8 32.2 96.6

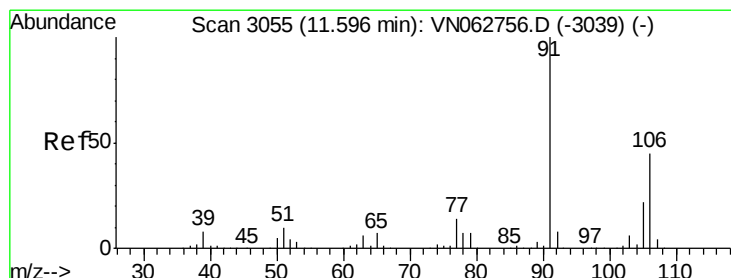
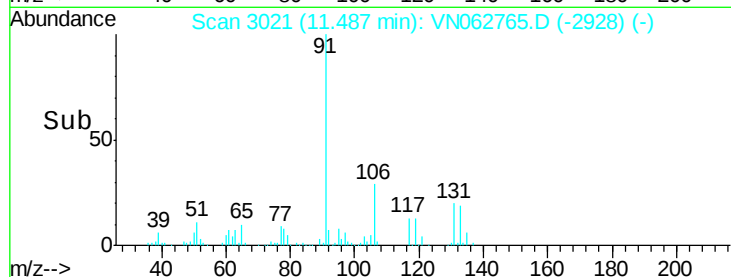
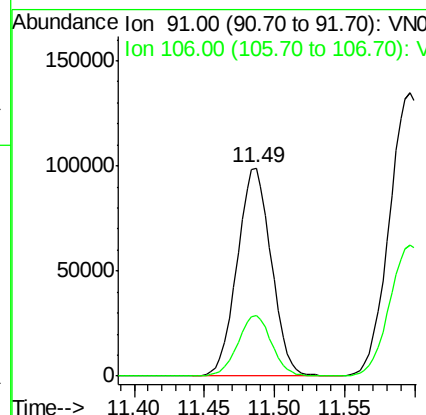
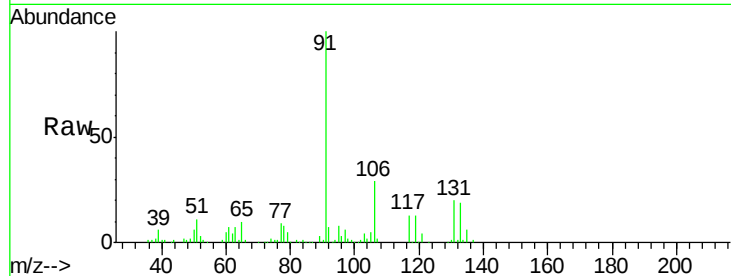




#67
Ethyl Benzene
Concen: 18.355 ug/l
RT: 11.49 min Scan# 3021
Delta R.T. -0.00 min
Lab File: VN062765.D
Acq: 6 Aug 2020 14:41

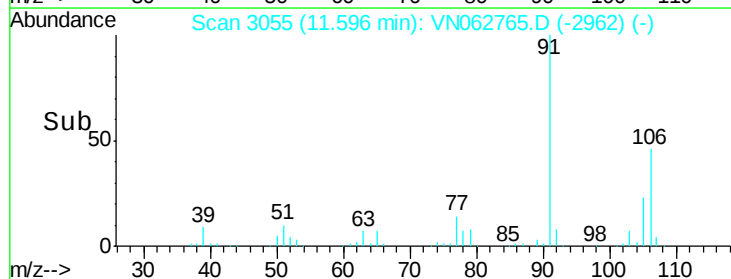
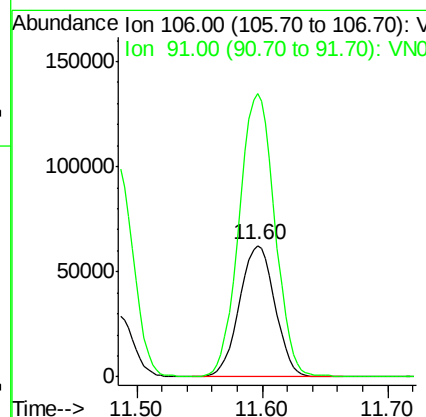
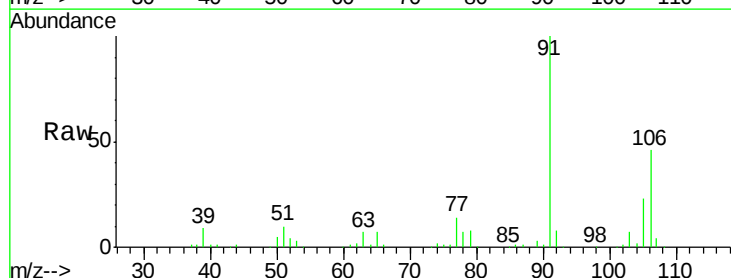
Instrument :
MSVOA_N
ClientSampled :
VN0806WBSD01

Tot Ion: 91 Resp: 167689
Ion Ratio Lower Upper
91 100
106 29.0 23.2 34.8



#68
m/p-Xylenes
Concen: 37.084 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. -0.00 min
Lab File: VN062765.D
Acq: 6 Aug 2020 14:41

Tgt Ion: 106 Resp: 122984
Ion Ratio Lower Upper
106 100
91 217.4 175.9 263.9

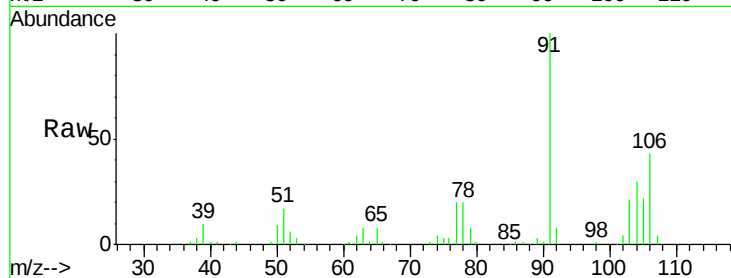




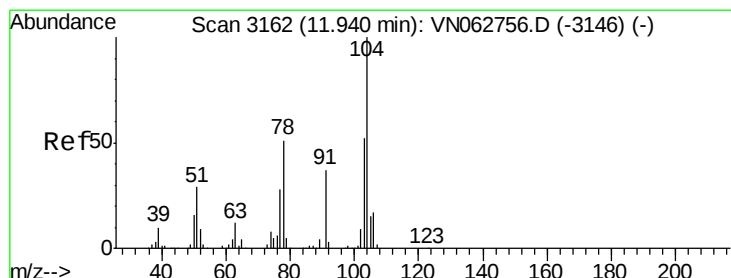
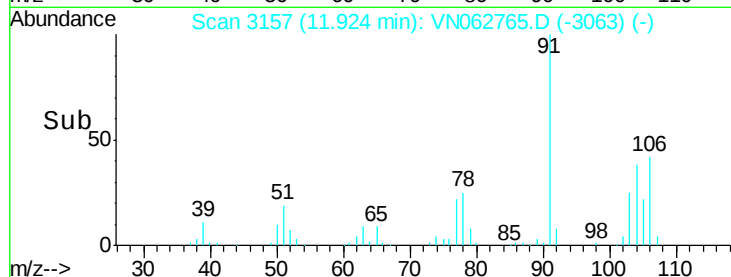
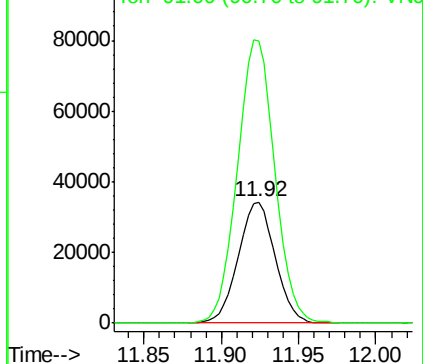
#69
o-Xylene
Concen: 18.342 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VN062765.D
Acq: 6 Aug 2020 14:41

Instrument :
MSVOA_N
ClientSampleId :
VN0806WBSD01

Tot Ion:106 Resp: 57006
Ion Ratio Lower Upper
106 100
91 236.3 115.8 347.4

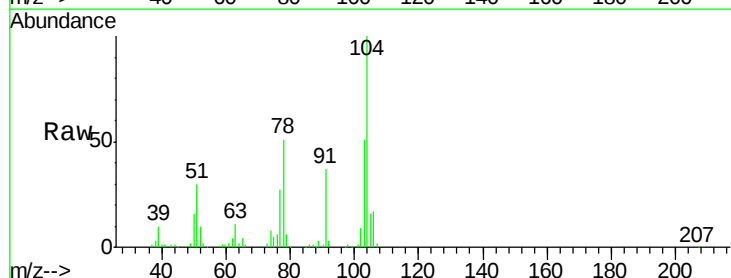


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

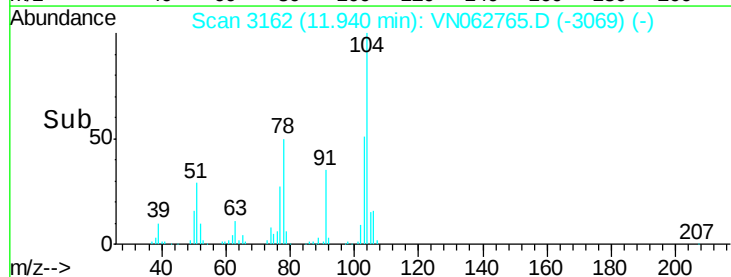
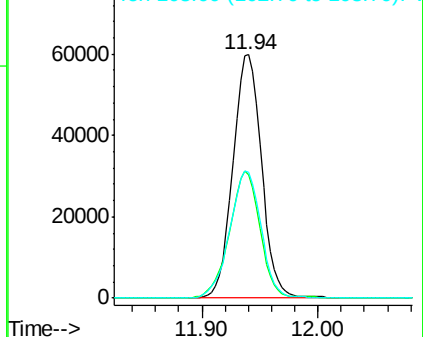


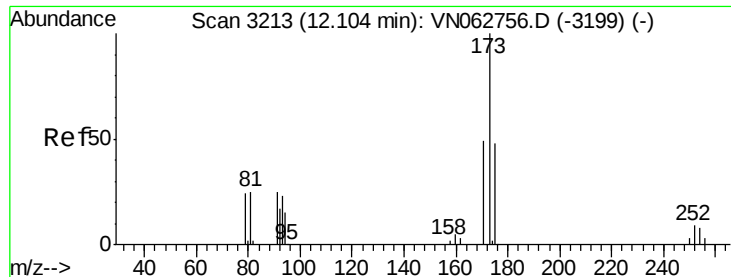
#70
Styrene
Concen: 18.739 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN062765.D
Acq: 6 Aug 2020 14:41

Tgt Ion:104 Resp: 102367
Ion Ratio Lower Upper
104 100
78 55.7 45.9 68.9
103 57.0 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

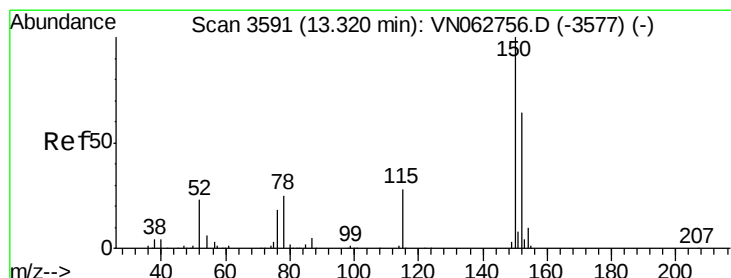
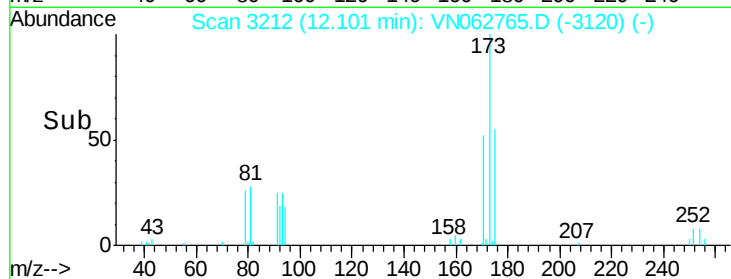
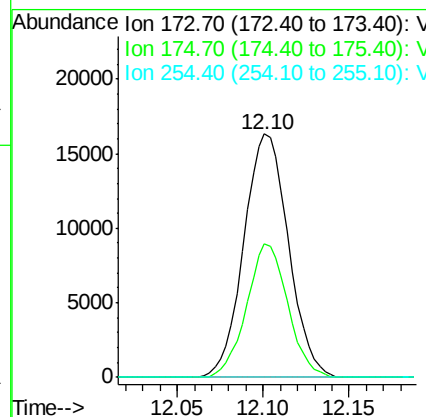
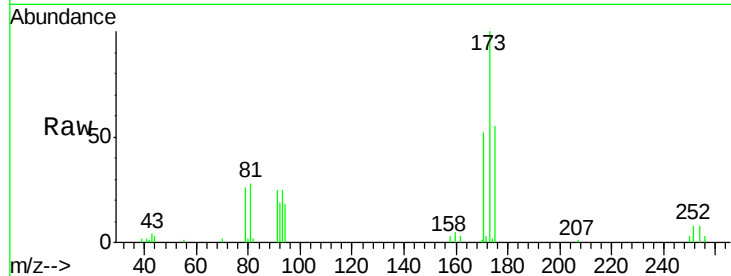




#71
Bromoform
Concen: 17.468 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. -0.00 min
Lab File: VN062765.D
Acq: 6 Aug 2020 14:41

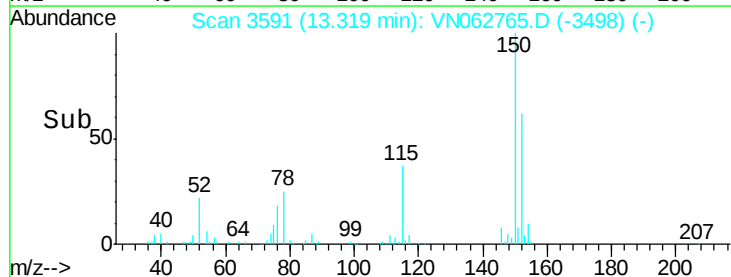
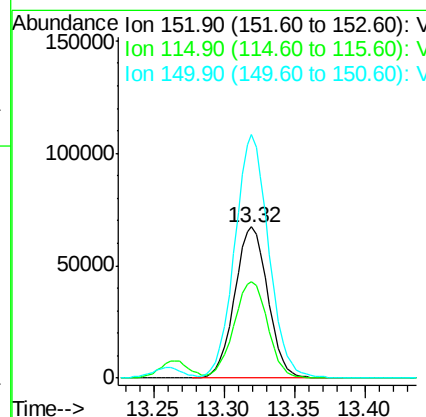
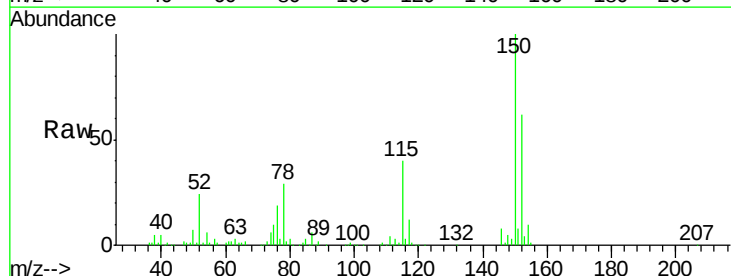
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBSD01

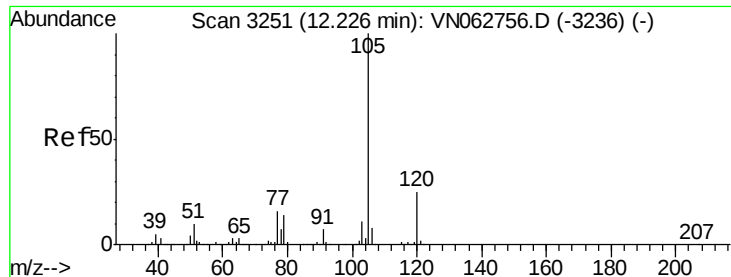
Tot Ion:173 Resp: 29301
Ion Ratio Lower Upper
173 100
175 50.6 24.0 72.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. -0.00 min
Lab File: VN062765.D
Acq: 6 Aug 2020 14:41

Tgt Ion:152 Resp: 110978
Ion Ratio Lower Upper
152 100
115 65.0 31.6 94.8
150 163.7 0.0 349.2





#73

Isopropylbenzene

Concen: 19.497 ug/l

RT: 12.23 min Scan# 3251

Delta R.T. -0.00 min

Lab File: VN062765.D

Acq: 6 Aug 2020 14:41

Instrument :

MSVOA_N

ClientSampleId :

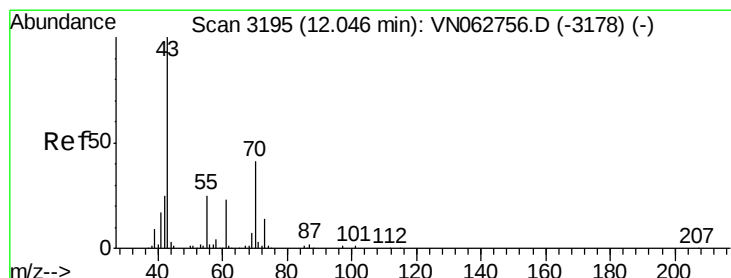
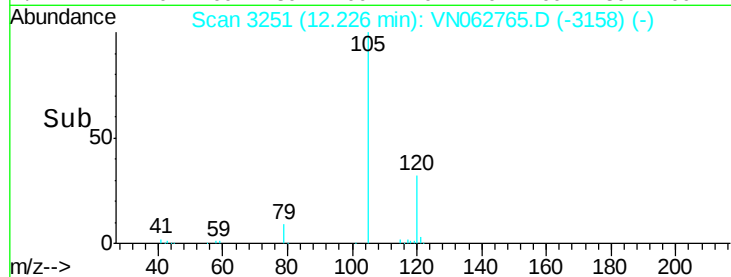
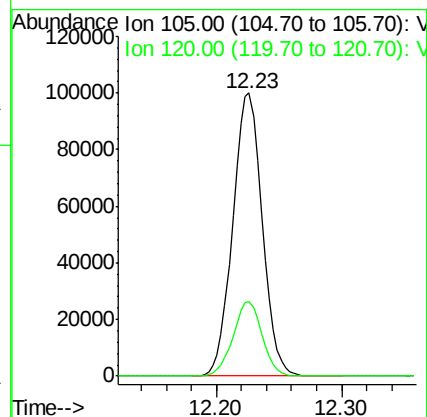
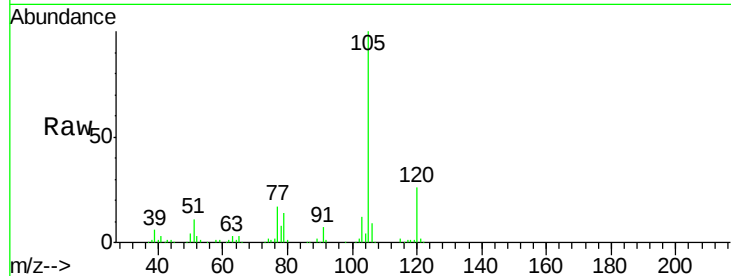
VN0806WBSD01

Tot Ion:105 Resp: 162933

Ion Ratio Lower Upper

105 100

120 25.9 12.6 37.8



#74

N-ethyl acetate

Concen: 20.632 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN062765.D

Acq: 6 Aug 2020 14:41

Tgt Ion: 43 Resp: 69869

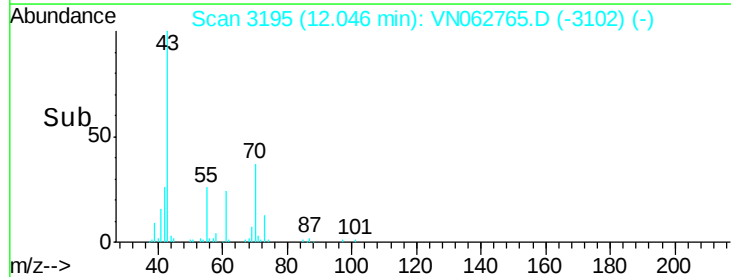
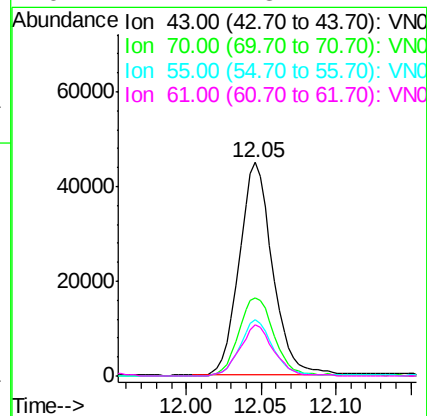
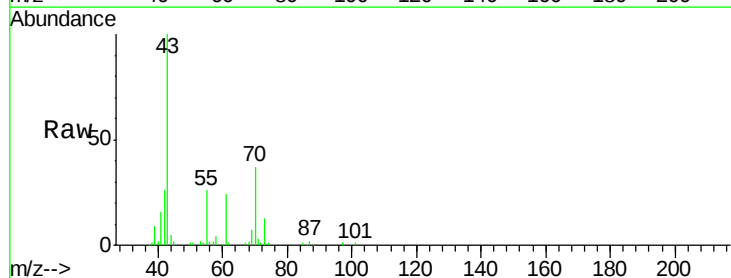
Ion Ratio Lower Upper

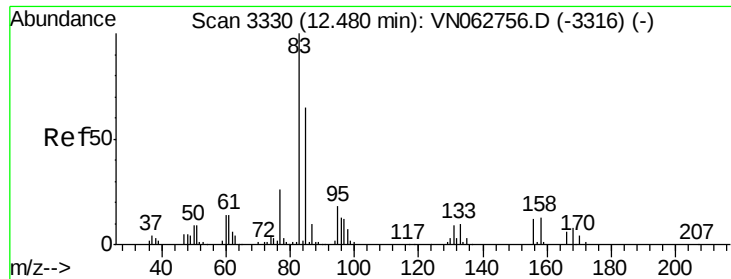
43 100

70 38.9 32.3 48.5

55 26.2 20.2 30.2

61 24.2 18.2 27.4





#75

1,1,2,2-Tetrachloroethane

Concen: 19.953 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VN062765.D

Acq: 6 Aug 2020 14:41

Instrument :

MSVOA_N

ClientSampleId :

VN0806WBSD01

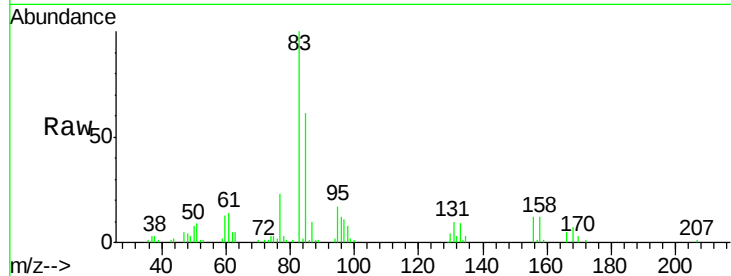
Tot Ion: 83 Resp: 58698

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.4

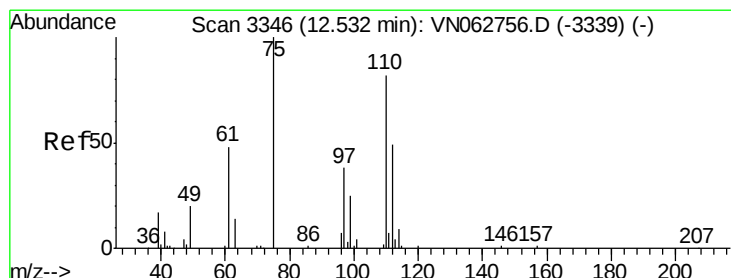
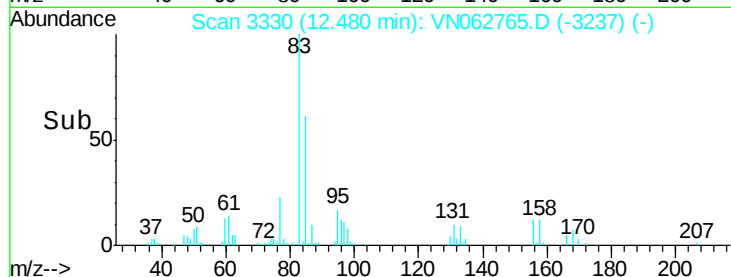
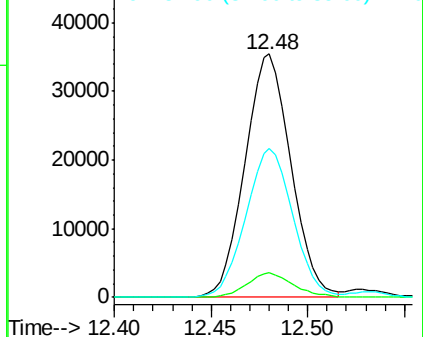
85 62.4 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 25.497 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062765.D

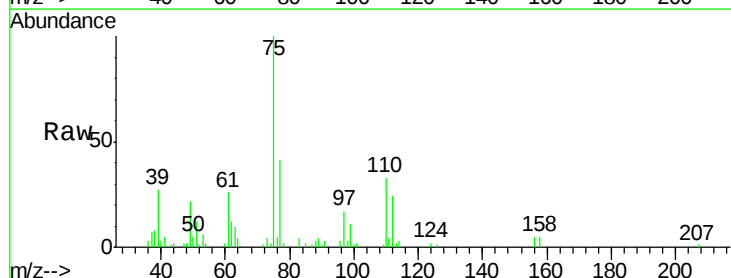
Acq: 6 Aug 2020 14:41

Tgt Ion: 75 Resp: 76312

Ion Ratio Lower Upper

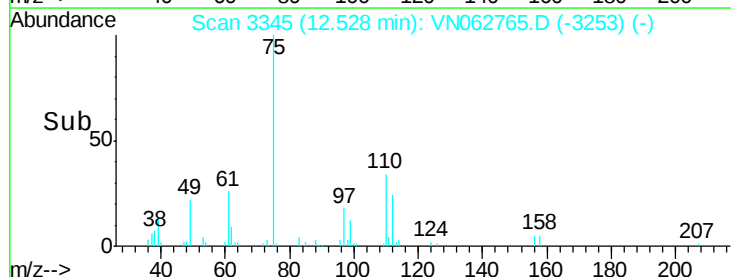
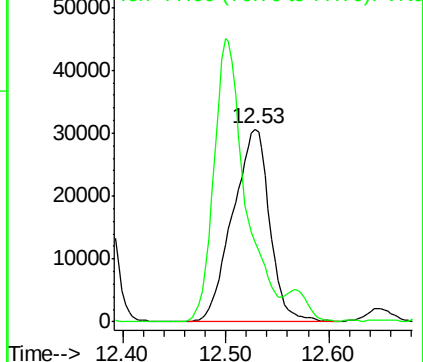
75 100

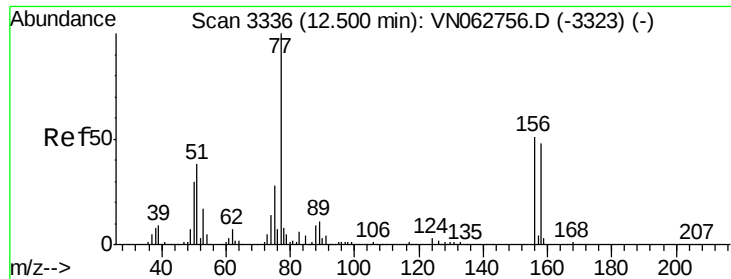
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 18.655 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN062765.D

Acq: 6 Aug 2020 14:41

Instrument :

MSVOA_N

ClientSampleId :

VN0806WBSD01

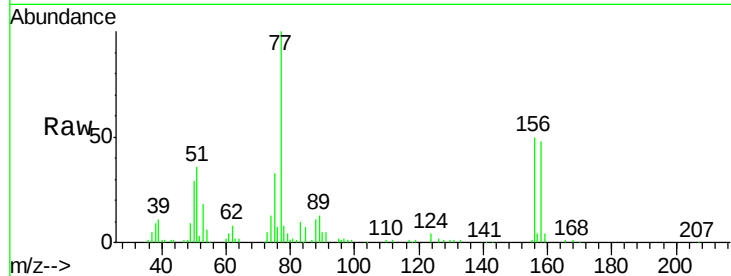
Tot Ion:156 Resp: 38735

Ion Ratio Lower Upper

156 100

77 245.8 119.7 359.1

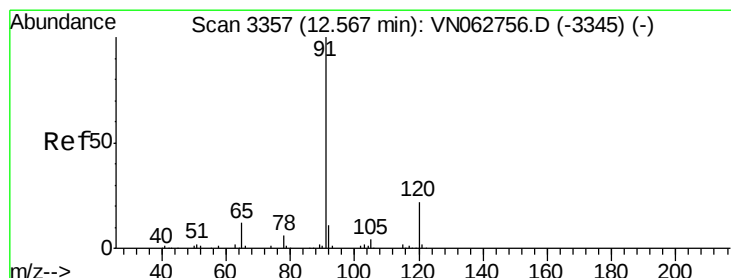
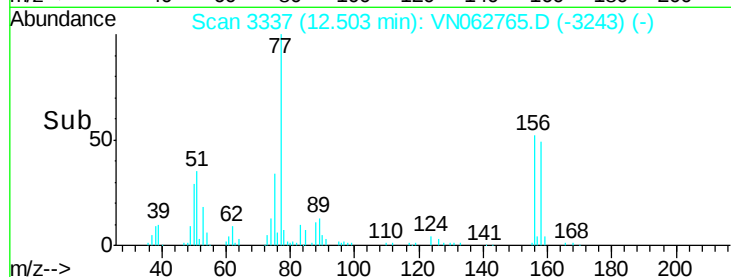
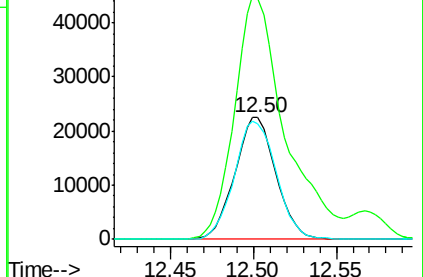
158 99.3 48.1 144.3



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: 19.928 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062765.D

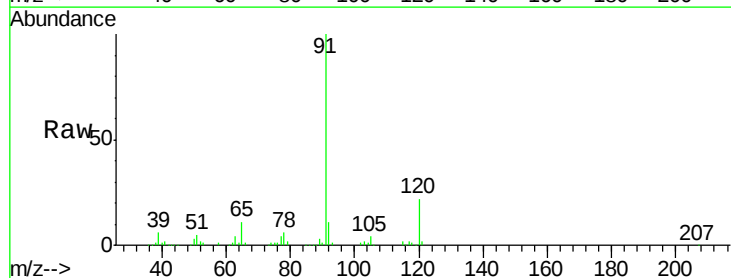
Acq: 6 Aug 2020 14:41

Tgt Ion: 91 Resp: 195482

Ion Ratio Lower Upper

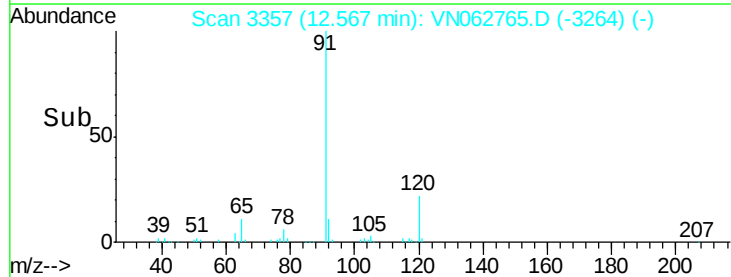
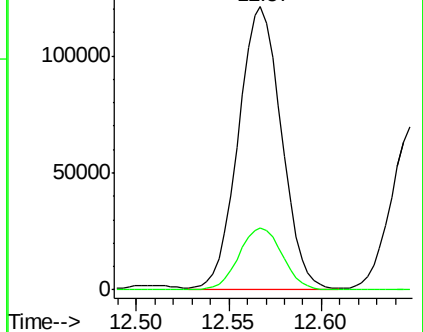
91 100

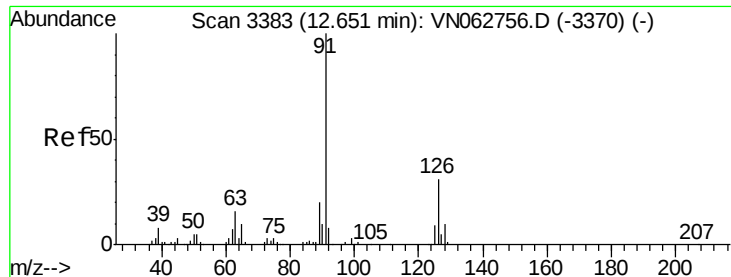
120 22.1 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.188 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. -0.00 min

Lab File: VN062765.D

Acq: 6 Aug 2020 14:41

Instrument :

MSVOA_N

ClientSampled :

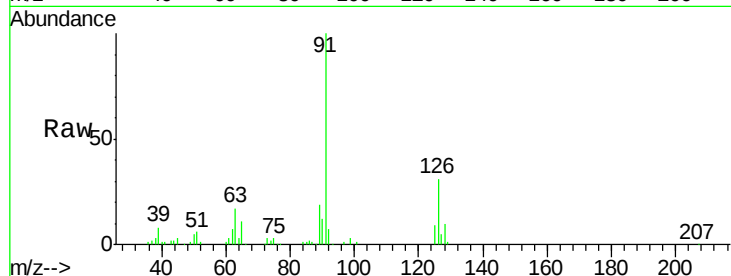
VN0806WBSD01

Tot Ion: 91 Resp: 118033

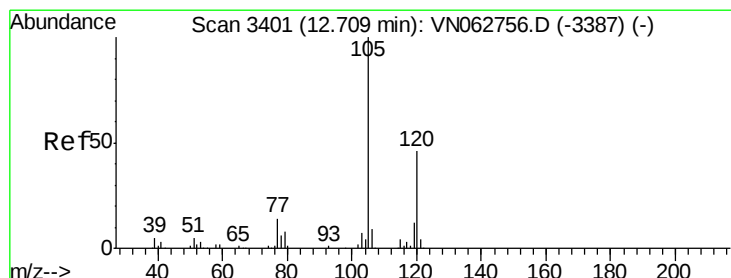
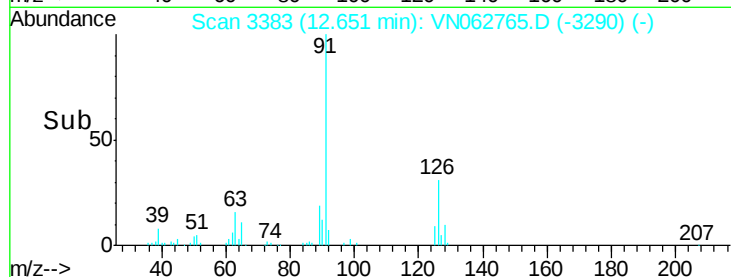
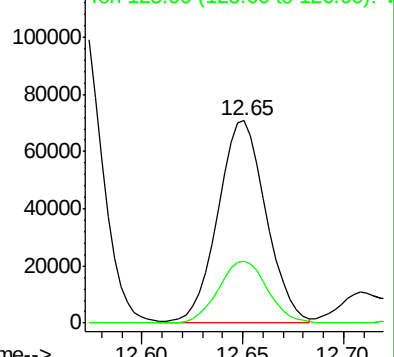
Ion Ratio Lower Upper

91 100

126 31.3 15.6 46.7



Abundance Ion 91.00 (90.70 to 91.70): VN062756.D (-3370) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.908 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062765.D

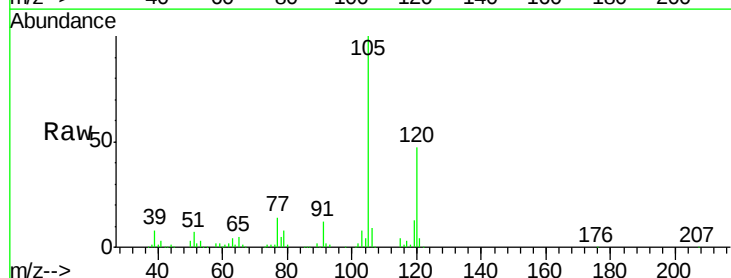
Acq: 6 Aug 2020 14:41

Tgt Ion: 105 Resp: 144326

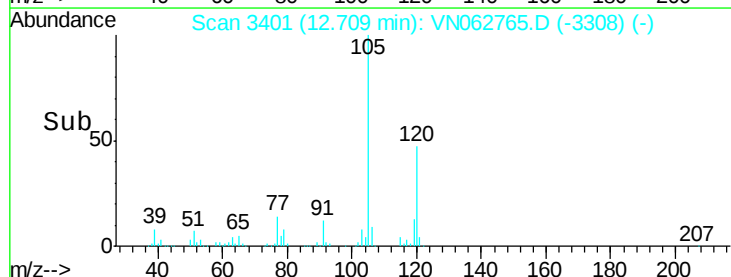
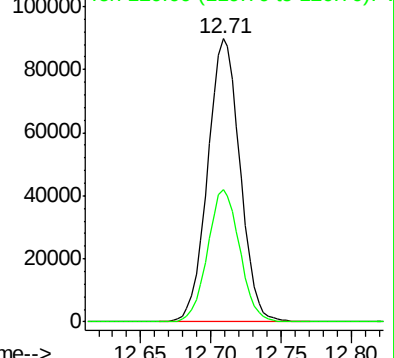
Ion Ratio Lower Upper

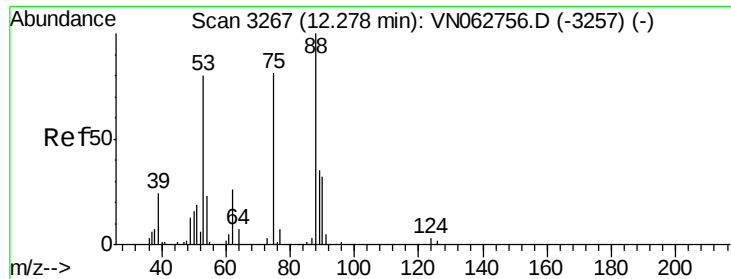
105 100

120 46.4 22.9 68.5



Abundance Ion 105.00 (104.70 to 105.70): VN062756.D (-3387) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 18.492 ug/l

RT: 12.28 min Scan# 3267

Delta R.T. -0.00 min

Lab File: VN062765.D

Acq: 6 Aug 2020 14:41

Instrument :

MSVOA_N

ClientSampleId :

VN0806WBSD01

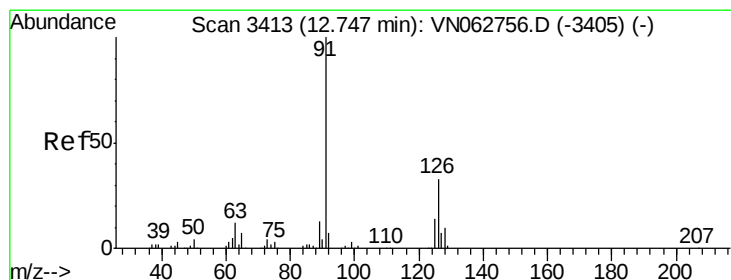
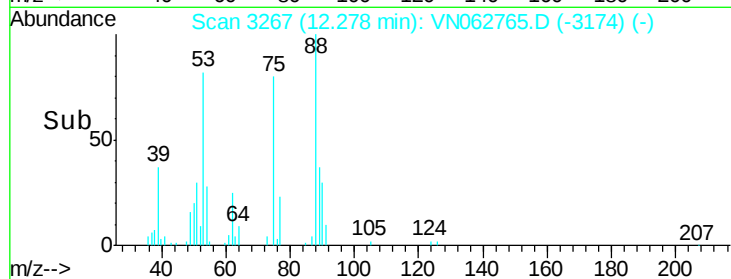
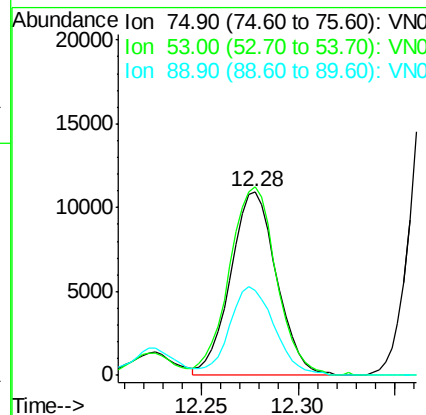
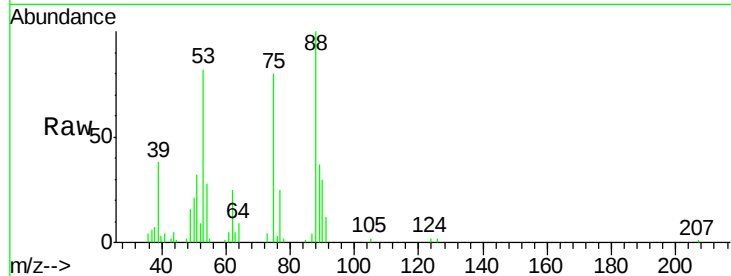
Tot Ion: 75 Resp: 18130

Ion Ratio Lower Upper

75 100

53 105.2 79.1 118.7

89 47.6 36.2 54.2



#82

4-Chlorotoluene

Concen: 19.345 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062765.D

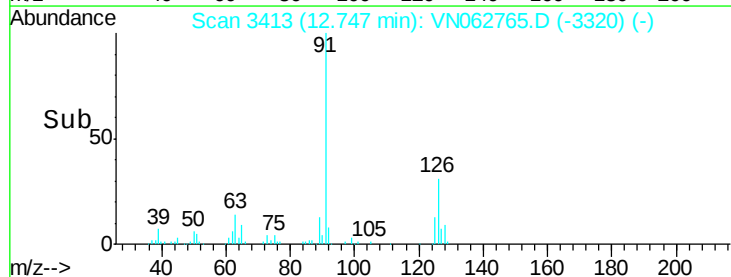
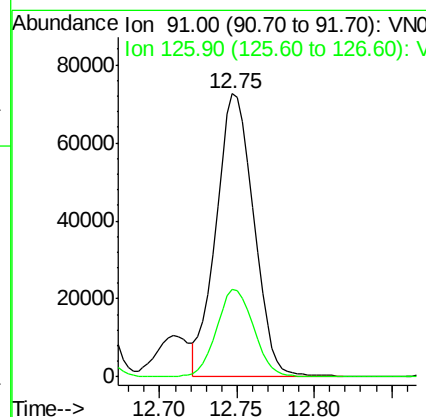
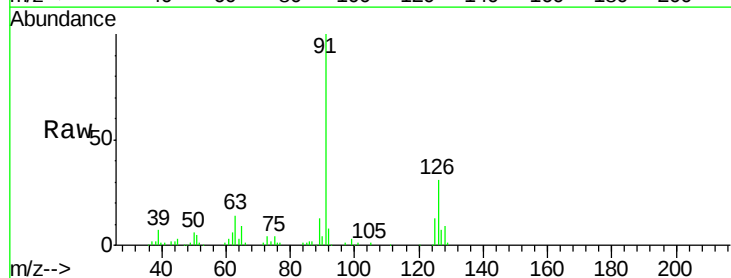
Acq: 6 Aug 2020 14:41

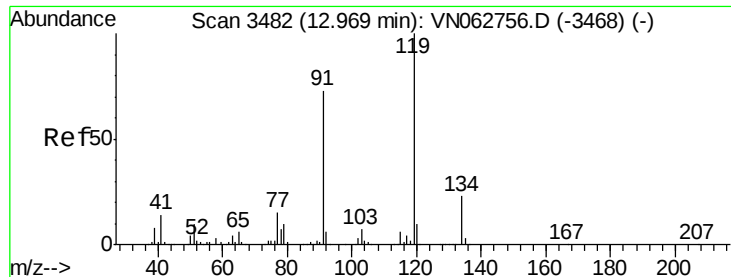
Tgt Ion: 91 Resp: 122631

Ion Ratio Lower Upper

91 100

126 30.8 15.3 45.9

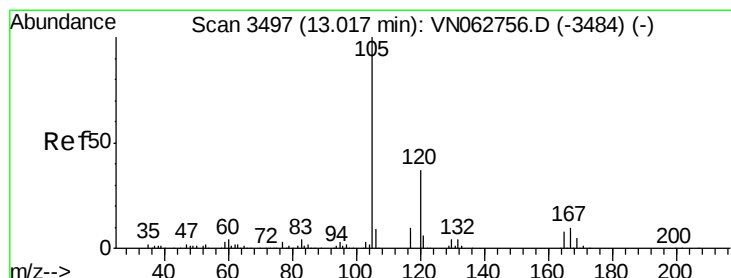
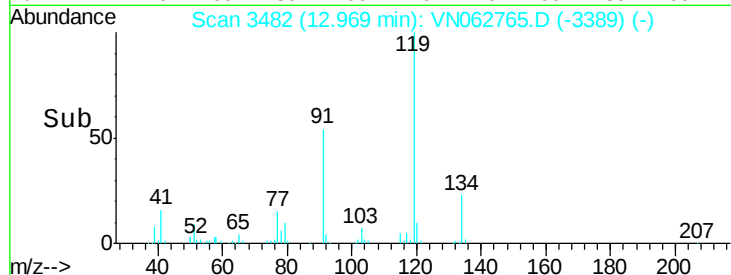
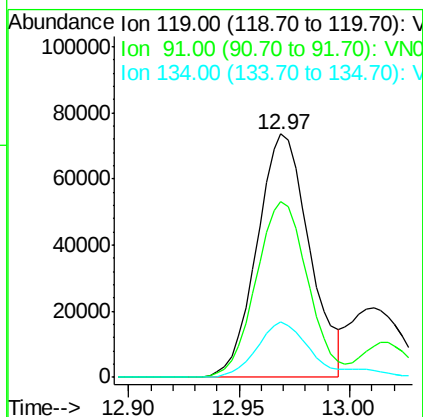
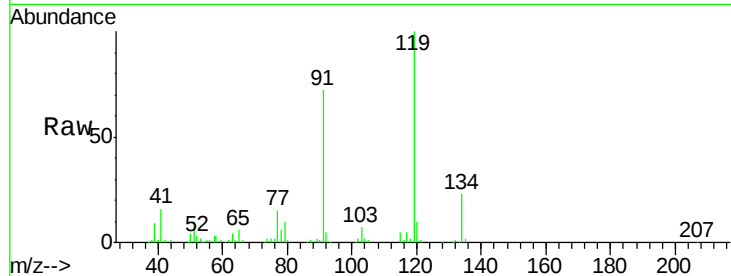




#83
 tert-Butylbenzene
 Concen: 19.717 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062765.D
 Acq: 6 Aug 2020 14:41

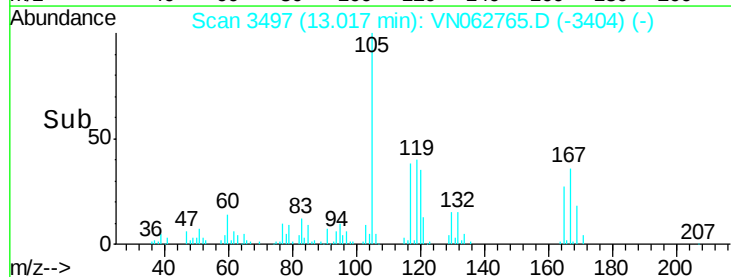
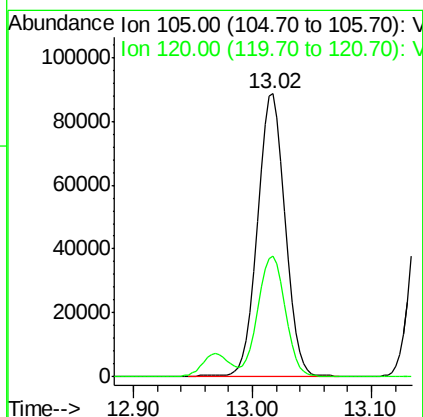
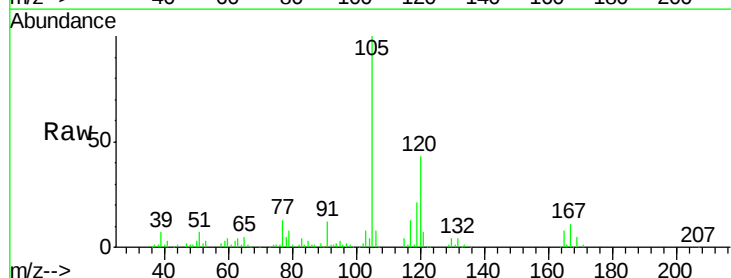
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBSD01

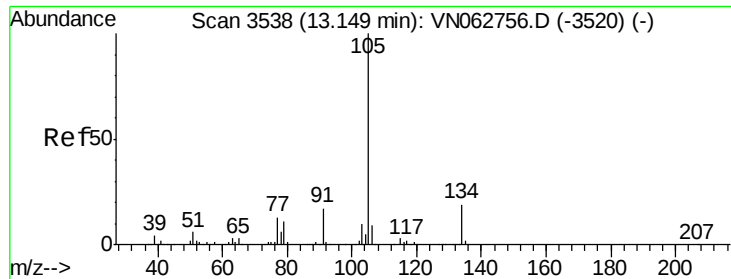
Tot Ion:119 Resp: 120954
 Ion Ratio Lower Upper
 119 100
 91 71.6 36.5 109.5
 134 24.7 11.3 33.8



#84
 1,2,4-Trimethylbenzene
 Concen: 20.623 ug/l
 RT: 13.02 min Scan# 3497
 Delta R.T. -0.00 min
 Lab File: VN062765.D
 Acq: 6 Aug 2020 14:41

Tgt Ion:105 Resp: 143035
 Ion Ratio Lower Upper
 105 100
 120 42.6 21.4 64.2

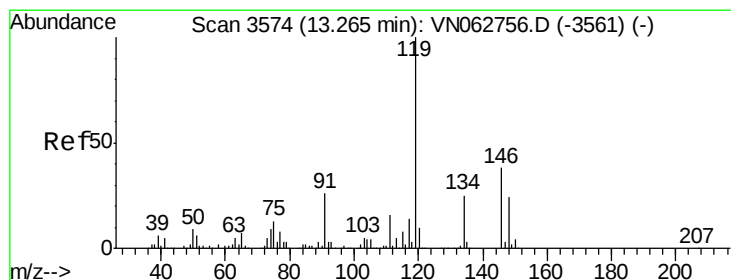
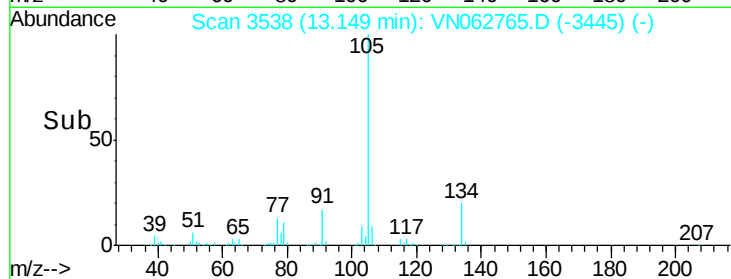
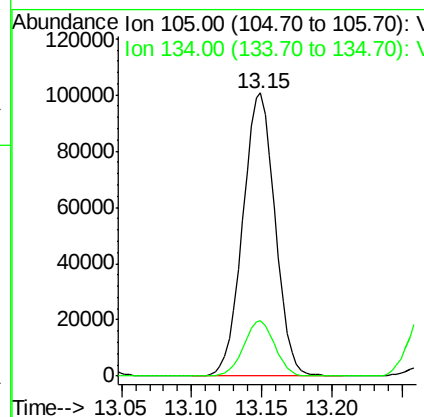
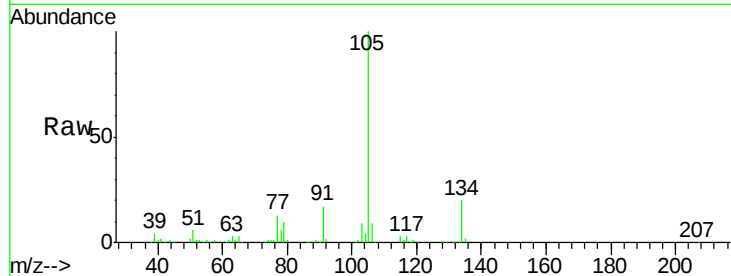




#85
 sec-Butylbenzene
 Concen: 20.075 ug/l
 RT: 13.15 min Scan# 3538
 Delta R.T. -0.00 min
 Lab File: VN062765.D
 Acq: 6 Aug 2020 14:41

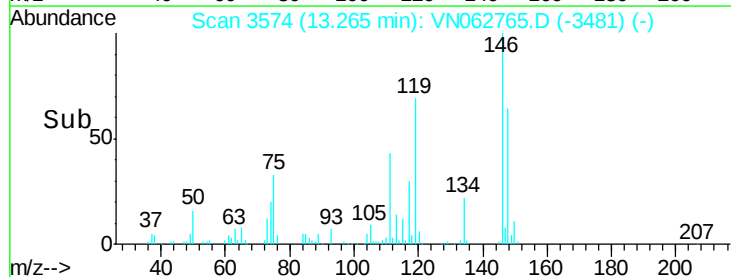
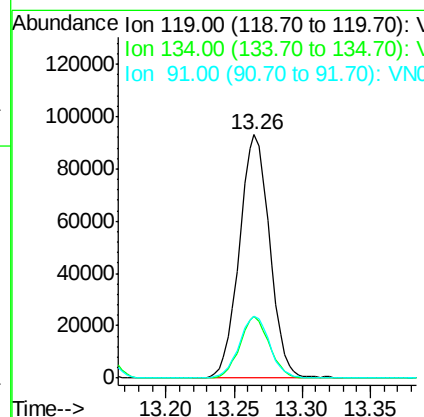
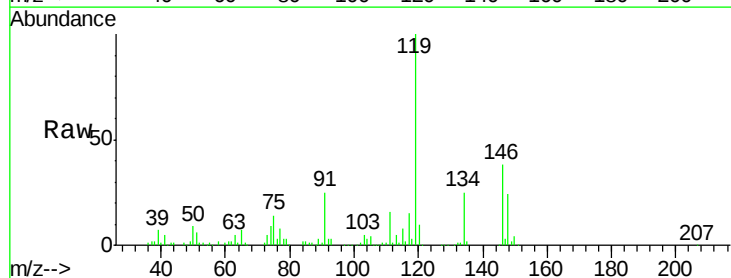
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBSD01

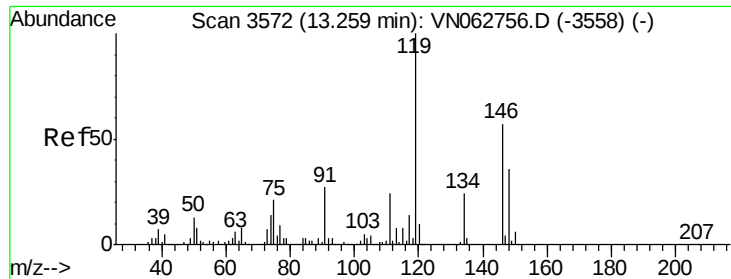
Tot Ion:105 Resp: 161717
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 20.143 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN062765.D
 Acq: 6 Aug 2020 14:41

Tgt Ion:119 Resp: 144035
 Ion Ratio Lower Upper
 119 100
 134 24.4 12.6 37.8
 91 25.5 13.4 40.2

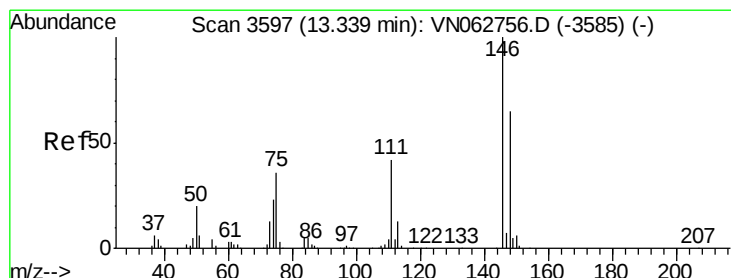
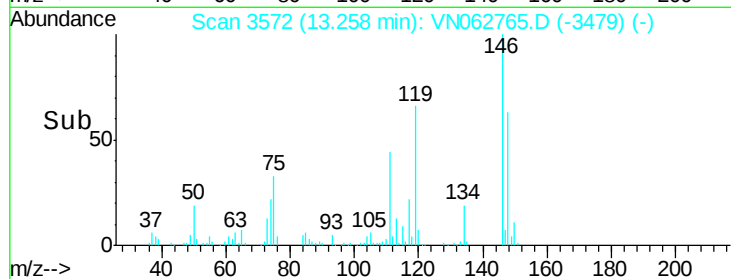
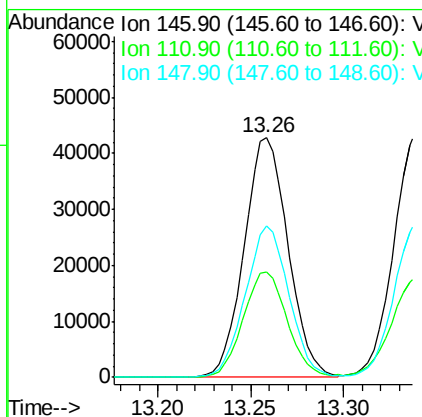
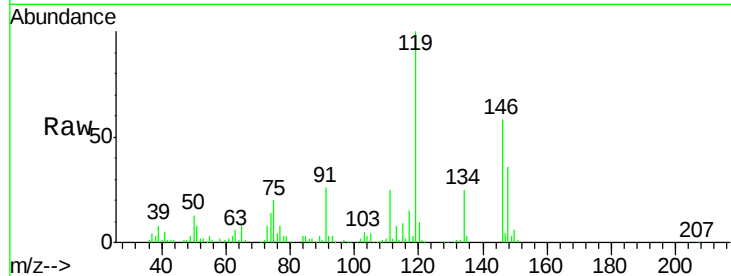




#87
 1,3-Dichlorobenzene
 Concen: 19.074 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062765.D
 Acq: 6 Aug 2020 14:41

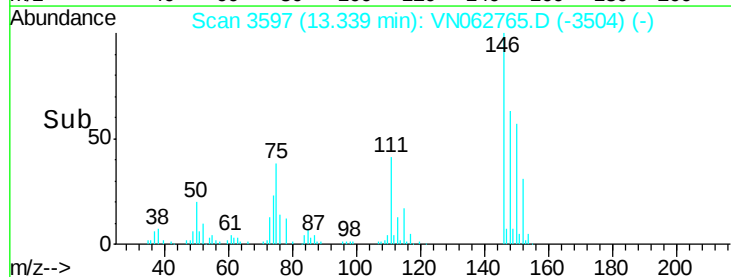
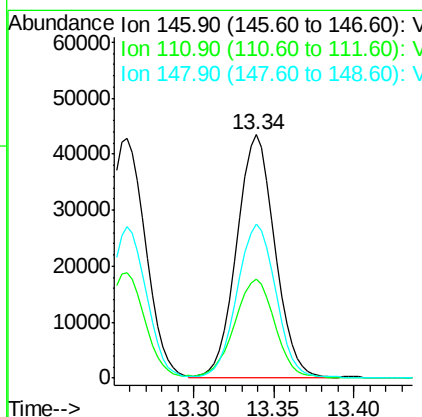
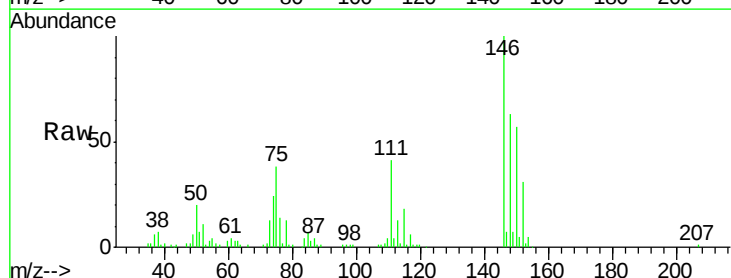
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBSD01

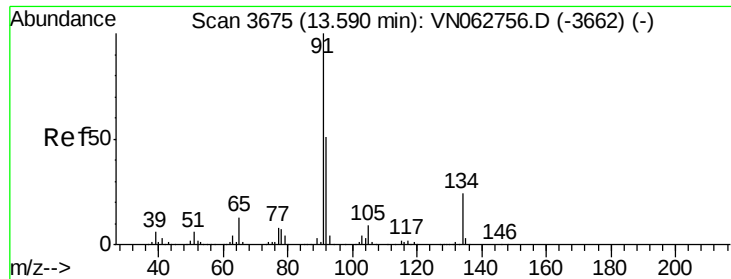
Tot Ion:146 Resp: 70750
 Ion Ratio Lower Upper
 146 100
 111 43.8 21.7 65.1
 148 62.6 31.4 94.2



#88
 1,4-Dichlorobenzene
 Concen: 18.908 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062765.D
 Acq: 6 Aug 2020 14:41

Tgt Ion:146 Resp: 70347
 Ion Ratio Lower Upper
 146 100
 111 43.5 21.6 64.6
 148 65.1 32.6 97.8

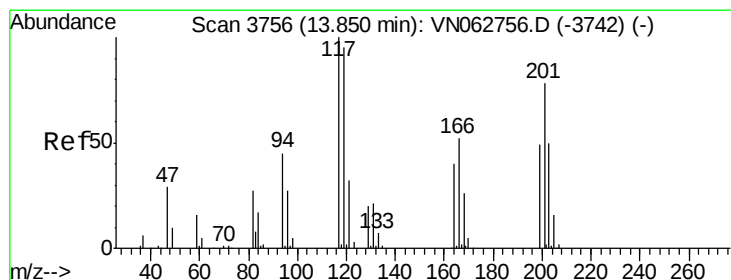
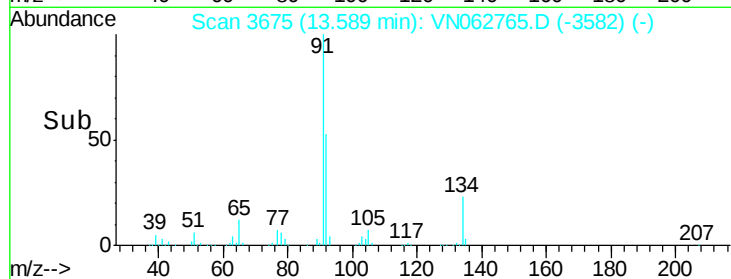
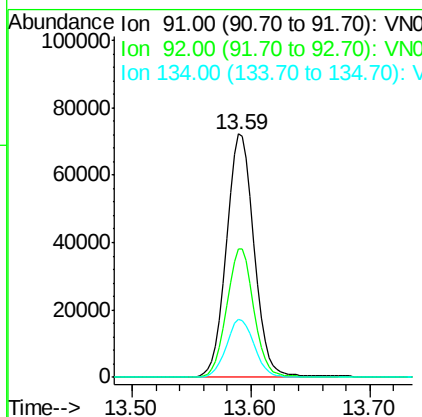
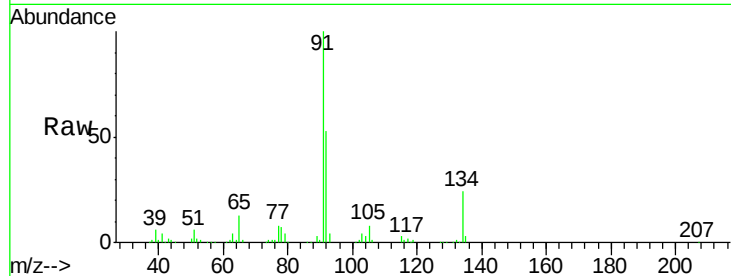




#89
n-Butylbenzene
Concen: 19.327 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062765.D
Acq: 6 Aug 2020 14:41

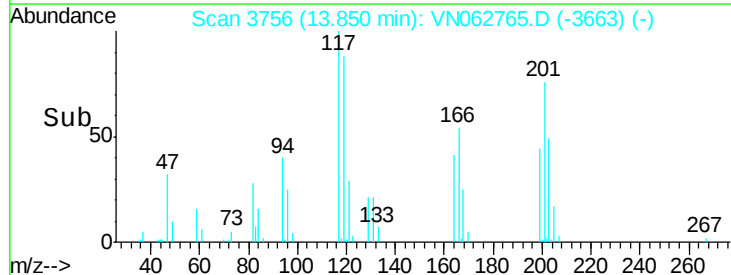
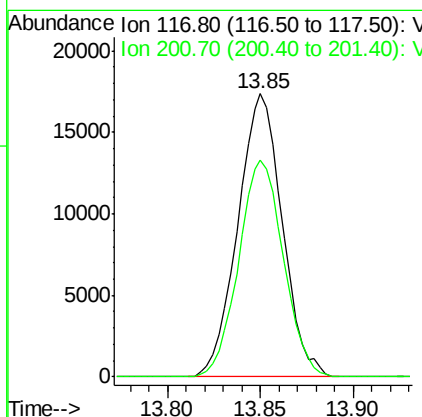
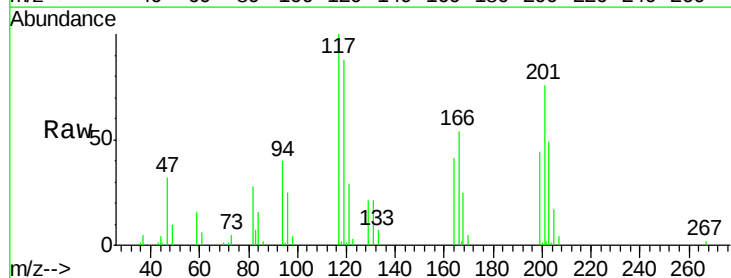
Instrument :
MSVOA_N
ClientSampled :
VN0806WBSD01

Tot Ion: 91 Resp: 116886
Ion Ratio Lower Upper
91 100
92 51.5 25.7 77.0
134 23.8 12.2 36.6



#90
Hexachloroethane
Concen: 18.659 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN062765.D
Acq: 6 Aug 2020 14:41

Tgt Ion: 117 Resp: 28760
Ion Ratio Lower Upper
117 100
201 77.1 39.2 117.6





#91

1,2-Dichlorobenzene

Concen: 19.817 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. -0.00 min

Lab File: VN062765.D

Acq: 6 Aug 2020 14:41

Instrument :

MSVOA_N

ClientSampleId :

VN0806WBSD01

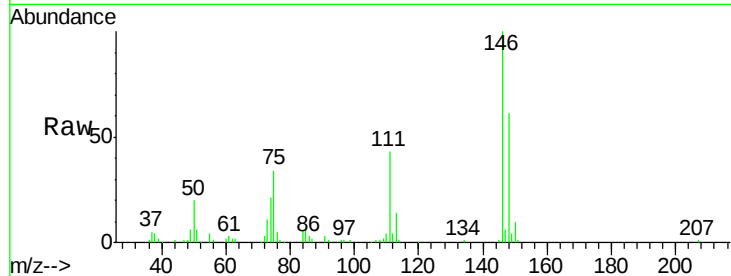
Tot Ion:146 Resp: 68915

Ion Ratio Lower Upper

146 100

111 44.3 22.8 68.4

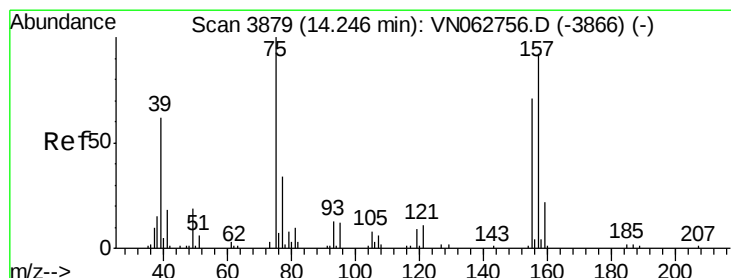
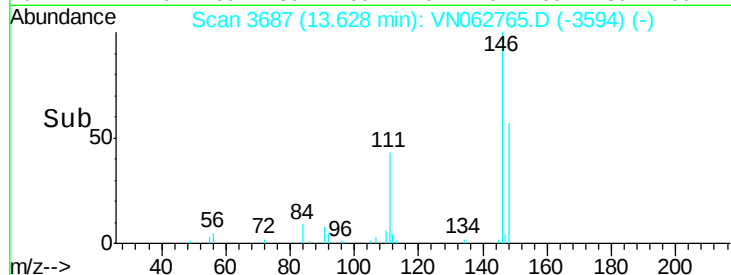
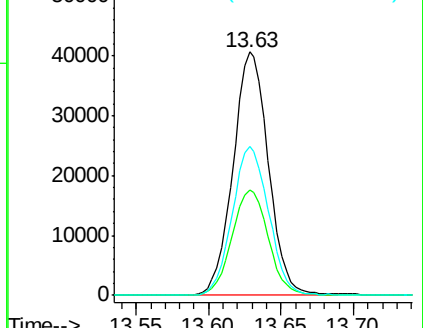
148 62.8 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.538 ug/l

RT: 14.25 min Scan# 3879

Delta R.T. -0.00 min

Lab File: VN062765.D

Acq: 6 Aug 2020 14:41

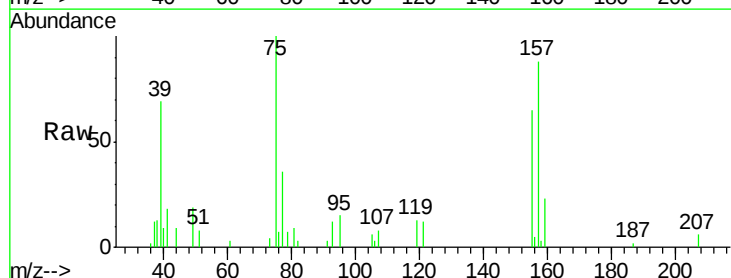
Tgt Ion: 75 Resp: 12339

Ion Ratio Lower Upper

75 100

155 67.8 35.0 105.1

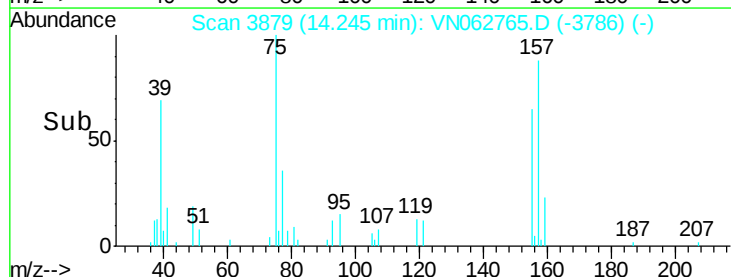
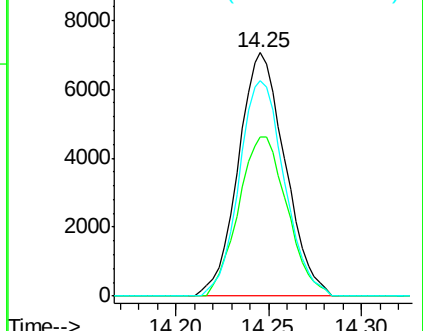
157 85.7 43.2 129.6

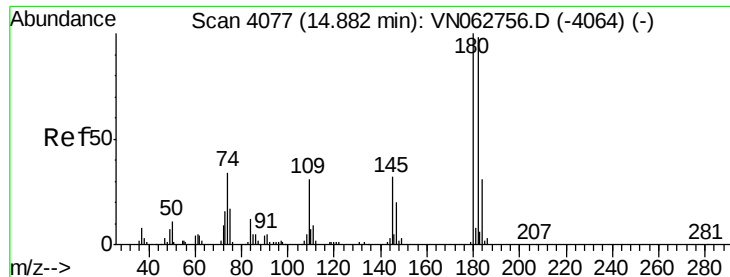


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

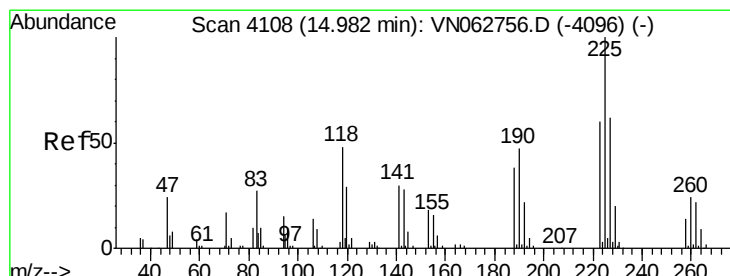
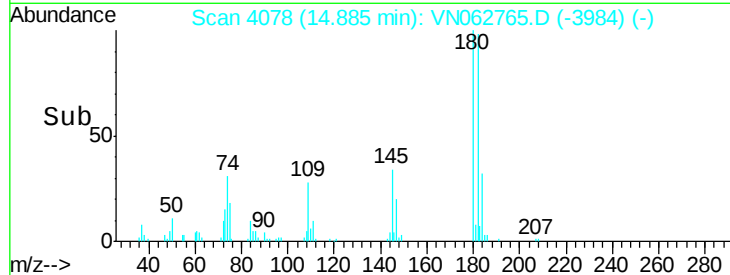
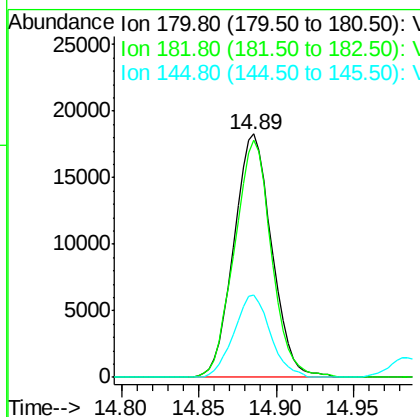
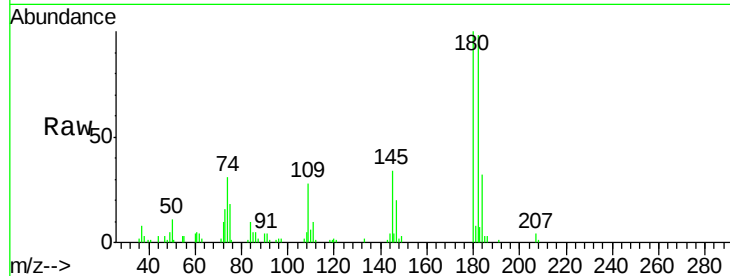




#93
 1,2,4-Trichlorobenzene
 Concen: 18.869 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN062765.D
 Acq: 6 Aug 2020 14:41

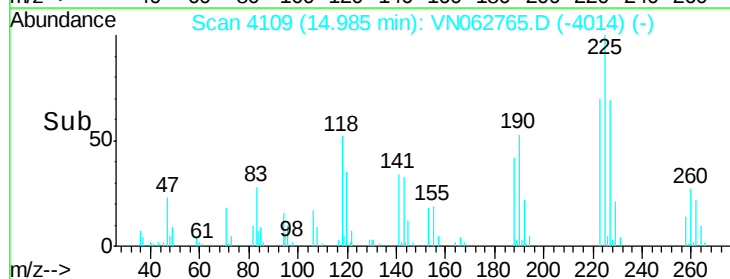
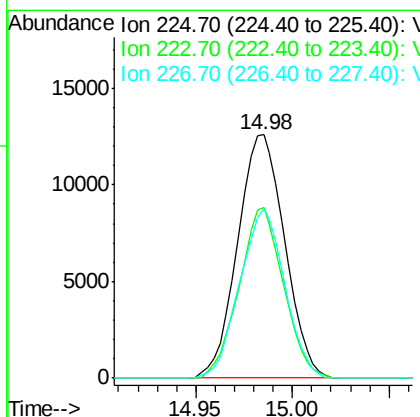
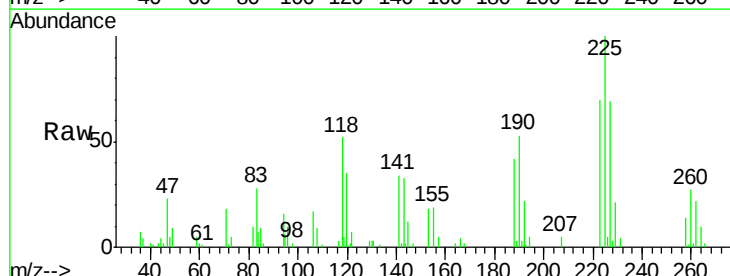
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBSD01

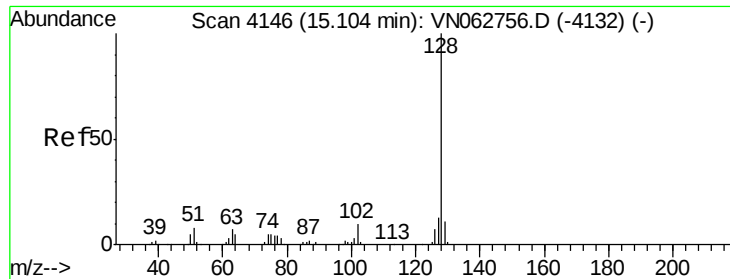
Tot Ion:180 Resp: 31103
 Ion Ratio Lower Upper
 180 100
 182 95.4 49.1 147.4
 145 32.6 16.3 48.8



#94
 Hexachlorobutadiene
 Concen: 18.496 ug/l
 RT: 14.98 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN062765.D
 Acq: 6 Aug 2020 14:41

Tgt Ion:225 Resp: 21312
 Ion Ratio Lower Upper
 225 100
 223 66.1 30.6 92.0
 227 66.4 31.6 95.0

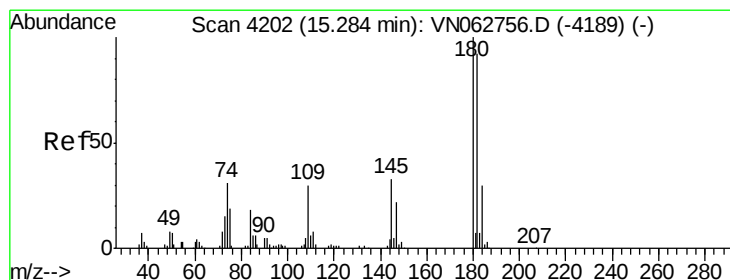
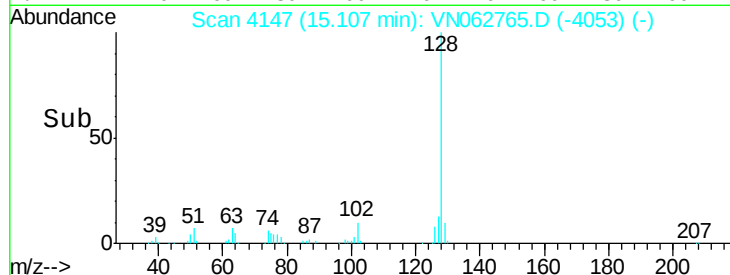
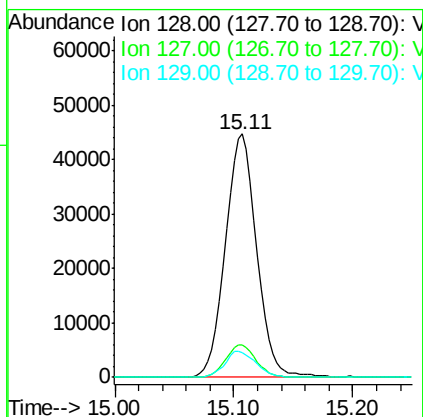
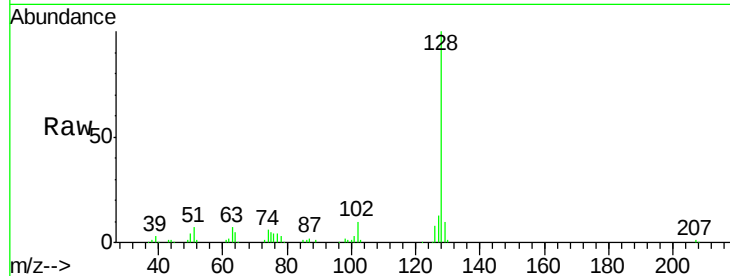




#95
Naphthalene
Concen: 18.455 ug/l
RT: 15.11 min Scan# 4147
Delta R.T. 0.00 min
Lab File: VN062765.D
Acq: 6 Aug 2020 14:41

Instrument :
MSVOA_N
ClientSampleId :
VN0806WBSD01

Tot Ion:128 Resp: 81259
Ion Ratio Lower Upper
128 100
127 12.9 10.8 16.2
129 10.7 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 19.172 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062765.D
Acq: 6 Aug 2020 14:41

Tgt Ion:180 Resp: 32001
Ion Ratio Lower Upper
180 100
182 92.9 47.9 143.6
145 32.8 17.3 51.7

