

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072920\
 Data File : VN062656.D
 Acq On : 29 Jul 2020 16:38
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 30 03:04:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	161866	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	282314	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	269668	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	131950	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	124909	49.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.36%	
35) Dibromofluoromethane	7.55	113	84182	45.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.80%	
50) Toluene-d8	10.06	98	370120	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	
62) 4-Bromofluorobenzene	12.37	95	143987	53.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	98706	51.123	ug/l	100
3) Chloromethane	2.03	50	110565	42.221	ug/l	95
4) Vinyl Chloride	2.16	62	103122	45.425	ug/l	98
5) Bromomethane	2.51	94	50834	50.556	ug/l	98
6) Chloroethane	2.66	64	52863	51.479	ug/l	96
7) Trichlorofluoromethane	2.98	101	150193	56.349	ug/l	98
8) Diethyl Ether	3.37	74	53849	43.203	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.72	101	83126	48.642	ug/l	99
10) Methyl Iodide	3.91	142	102951	47.122	ug/l	94
11) Tert butyl alcohol	4.74	59	76908	192.266	ug/l	99
12) 1,1-Dichloroethene	3.69	96	77059	44.461	ug/l	96
13) Acrolein	3.56	56	69553	169.542	ug/l	98
14) Allyl chloride	4.27	41	147884	39.446	ug/l	91
15) Acrylonitrile	4.92	53	223289	208.406	ug/l	99
16) Acetone	3.77	43	226259	239.117	ug/l	99
17) Carbon Disulfide	4.00	76	222395	39.054	ug/l	100
18) Methyl Acetate	4.27	43	102390	42.744	ug/l	95
19) Methyl tert-butyl Ether	4.99	73	293685	46.039	ug/l	98
20) Methylene Chloride	4.50	84	93373	41.144	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	85111	44.245	ug/l	95
22) Diisopropyl ether	5.90	45	303323	40.703	ug/l	97
23) Vinyl Acetate	5.84	43	1285815	210.579	ug/l	98
24) 1,1-Dichloroethane	5.80	63	175659	43.774	ug/l	99
25) 2-Butanone	6.78	43	312393	216.777	ug/l	96
26) 2,2-Dichloropropane	6.77	77	162148	49.222	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	96549	43.986	ug/l	99
28) Bromochloromethane	7.15	49	86210	43.653	ug/l	92
29) Tetrahydrofuran	7.16	42	193580	198.520	ug/l	94
30) Chloroform	7.33	83	175922	46.107	ug/l	99
31) Cyclohexane	7.61	56	150197	40.538	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	160460	50.371	ug/l	99
36) 1,1-Dichloropropene	7.75	75	132841	44.145	ug/l	99
37) Ethyl Acetate	6.88	43	125766	38.772	ug/l	99
38) Carbon Tetrachloride	7.73	117	143929	49.760	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	171045	52.804	ug/l	97
40) Benzene	8.00	78	376640	41.343	ug/l	100
41) Methacrylonitrile	7.12	41	56709	40.792	ug/l	94
42) 1,2-Dichloroethane	8.09	62	157449	47.274	ug/l	98
43) Isopropyl Acetate	8.12	43	219701	42.015	ug/l	99
44) Trichloroethene	8.80	130	99397	48.381	ug/l	93
45) 1,2-Dichloropropane	9.08	63	118992	46.520	ug/l	98
46) Dibromomethane	9.17	93	72204	48.840	ug/l	98
47) Bromodichloromethane	9.37	83	160767	50.195	ug/l	98
48) Methyl methacrylate	9.17	41	119938	48.250	ug/l	97
49) 1,4-Dioxane	9.17	88	34672	908.163	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	760207	242.972	ug/l	99
52) Toluene	10.12	92	262444	49.612	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	184767	51.821	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	193927	50.689	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	102344	49.877	ug/l	98
56) Ethyl methacrylate	10.40	69	171528	46.676	ug/l	98
57) 1,3-Dichloropropane	10.68	76	186306	49.560	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	298128	267.259	ug/l	98
59) 2-Hexanone	10.72	43	566384	234.260	ug/l	100
60) Dibromochloromethane	10.87	129	118602	51.812	ug/l	99
61) 1,2-Dibromoethane	10.98	107	104939	49.114	ug/l	98
64) Tetrachloroethene	10.60	164	85111	48.576	ug/l	99
65) Chlorobenzene	11.40	112	272278	48.162	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	105797	49.745	ug/l	98
67) Ethyl Benzene	11.48	91	515213	49.704	ug/l	100
68) m/p-Xylenes	11.59	106	379841	101.952	ug/l	99
69) o-Xylene	11.92	106	180773	51.096	ug/l	100
70) Styrene	11.94	104	315253	52.750	ug/l	99
71) Bromoform	12.10	173	81280	50.900	ug/l #	99
73) Isopropylbenzene	12.22	105	503132	48.223	ug/l	98
74) N-amyl acetate	12.04	43	225961	48.496	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	155225	42.813	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	213390	63.535	ug/l #	100
77) Bromobenzene	12.50	156	115665	46.131	ug/l	95
78) n-propylbenzene	12.56	91	597629	48.900	ug/l	100
79) 2-Chlorotoluene	12.65	91	353070	46.877	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	444318	51.340	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	56853	47.122	ug/l	96
82) 4-Chlorotoluene	12.75	91	374237	47.737	ug/l	99
83) tert-Butylbenzene	12.97	119	361975	50.370	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	433833	51.099	ug/l	98
85) sec-Butylbenzene	13.15	105	493385	51.282	ug/l	100
86) p-Isopropyltoluene	13.26	119	446048	53.904	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	211588	48.088	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	207775	47.969	ug/l	98
89) n-Butylbenzene	13.59	91	383210	53.897	ug/l	100
90) Hexachloroethane	13.85	117	83138	47.196	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	202851	48.215	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	31854	48.391	ug/l	99

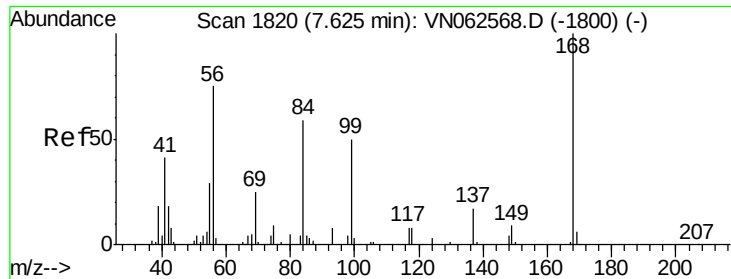
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	100748	45.820	ug/l	99
94) Hexachlorobutadiene	14.98	225	65332	57.465	ug/l	97
95) Naphthalene	15.10	128	246921	42.675	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	100141	50.507	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN062656.D

Acq: 29 Jul 2020 16:38

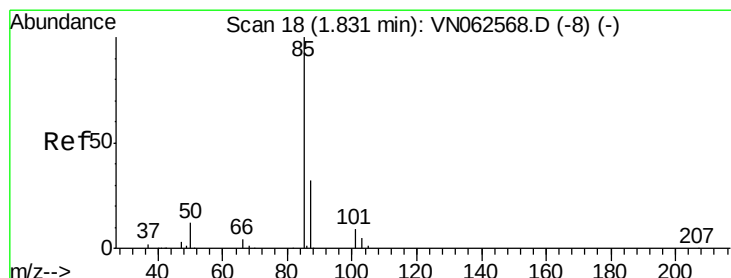
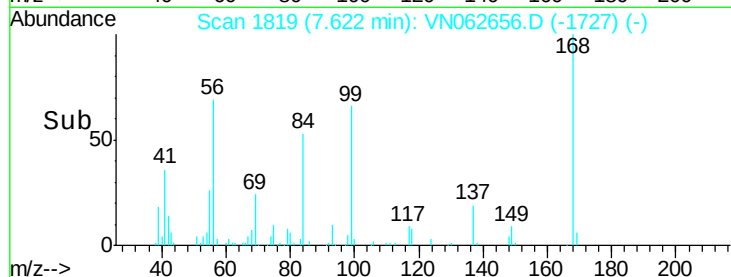
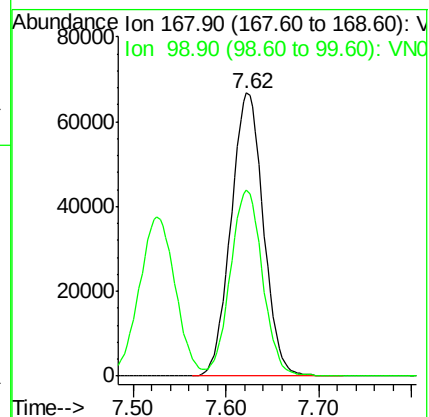
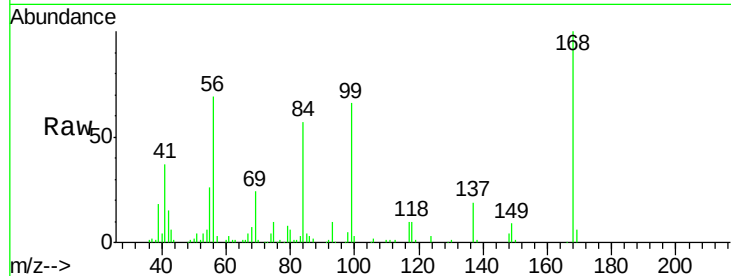
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 161866

Ion Ratio Lower Upper

168 100

99 65.4 48.4 72.6



#2

Dichlorodifluoromethane

Concen: 51.123 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062656.D

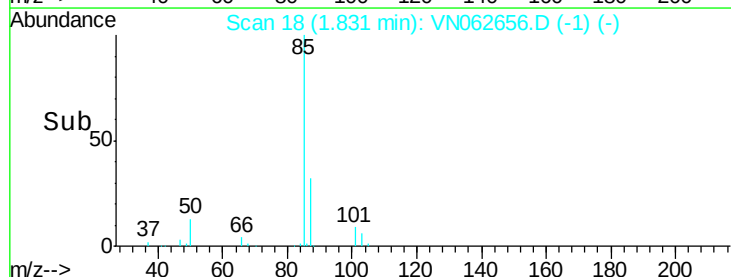
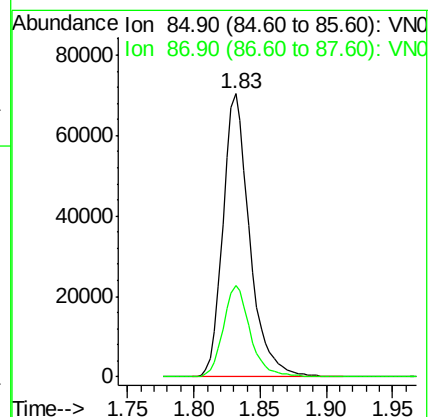
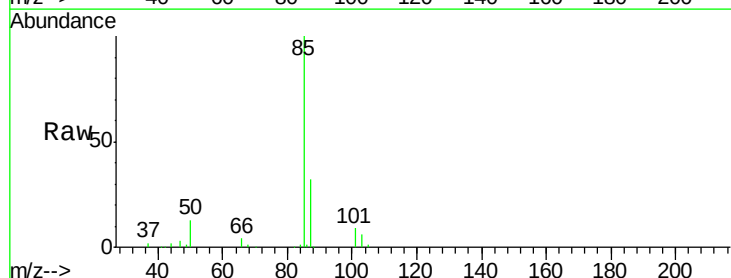
Acq: 29 Jul 2020 16:38

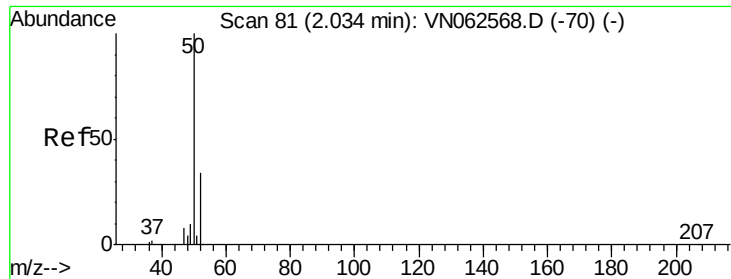
Tgt Ion: 85 Resp: 98706

Ion Ratio Lower Upper

85 100

87 32.2 16.0 48.0





#3

Chloromethane

Concen: 42.221 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062656.D

Acq: 29 Jul 2020 16:38

Instrument :

MSVOA_N

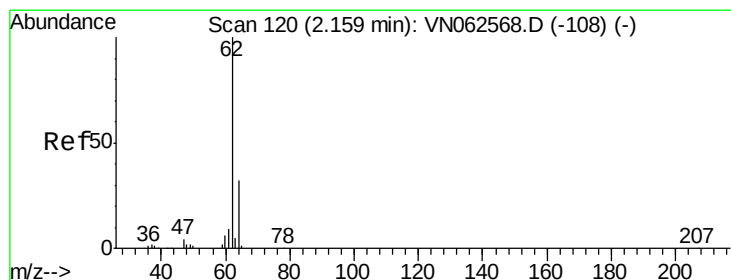
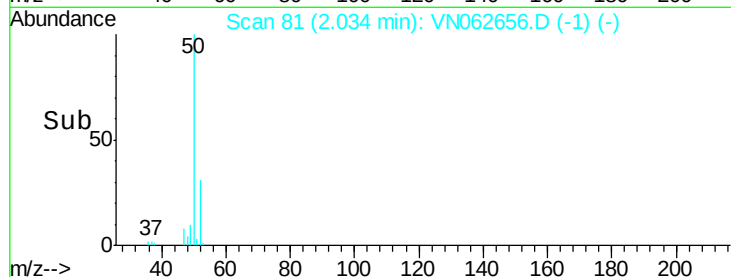
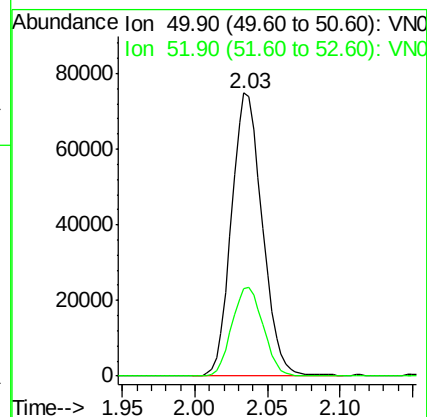
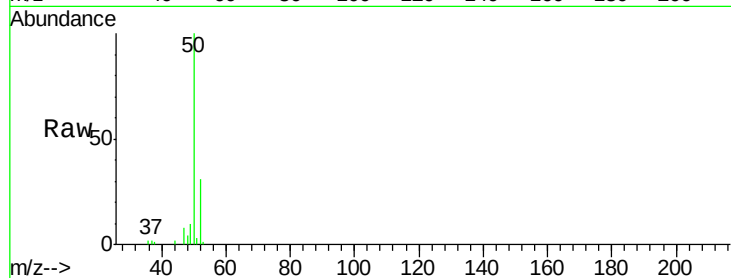
ClientSampled :

Tot Ion: 50 Resp: 110565

Ion Ratio Lower Upper

50 100

52 31.0 27.0 40.4



#4

Vinyl Chloride

Concen: 45.425 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN062656.D

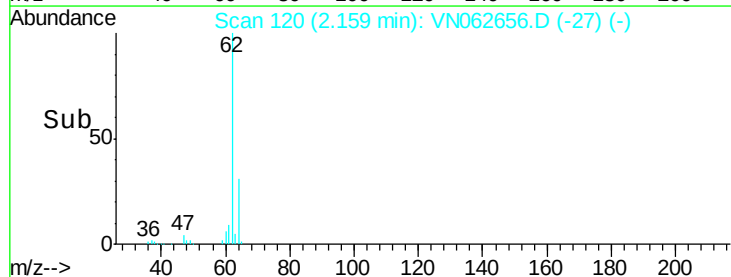
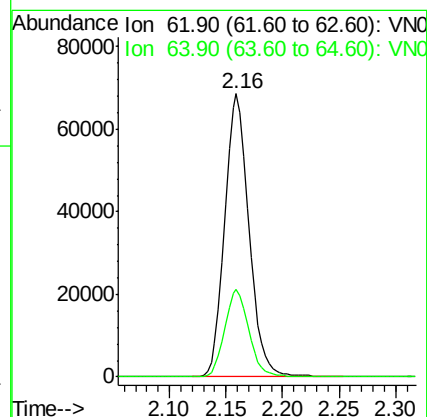
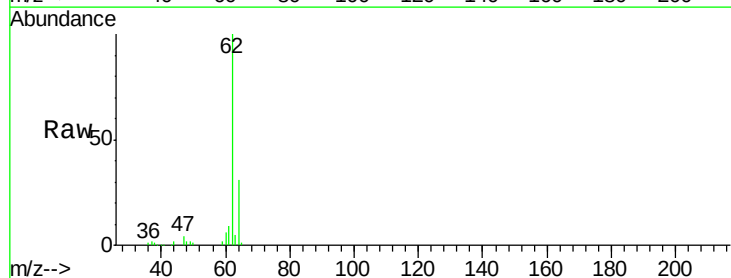
Acq: 29 Jul 2020 16:38

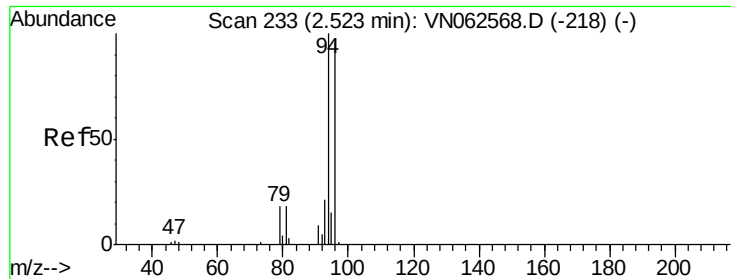
Tgt Ion: 62 Resp: 103122

Ion Ratio Lower Upper

62 100

64 30.9 25.8 38.8





#5

Bromomethane

Concen: 50.556 ug/l

RT: 2.51 min Scan# 230

Delta R.T. -0.01 min

Lab File: VN062656.D

Acq: 29 Jul 2020 16:38

Instrument :

MSVOA_N

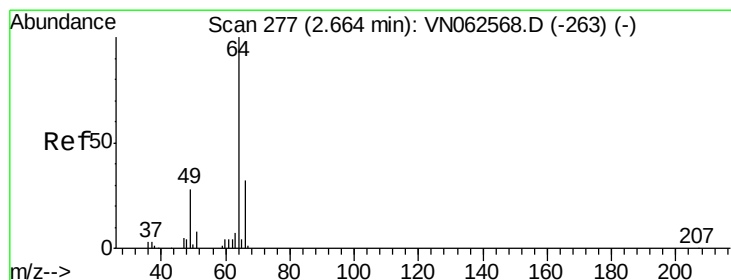
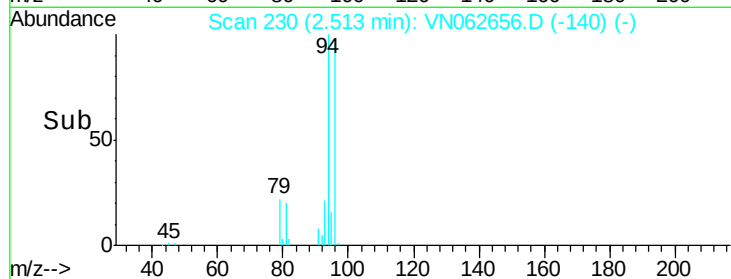
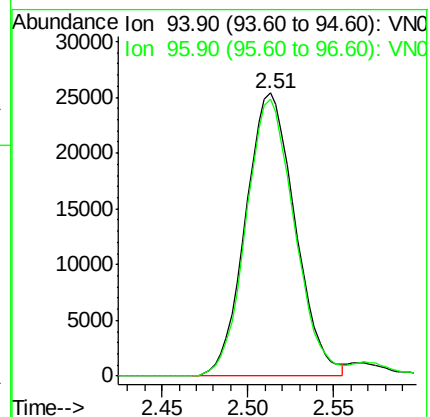
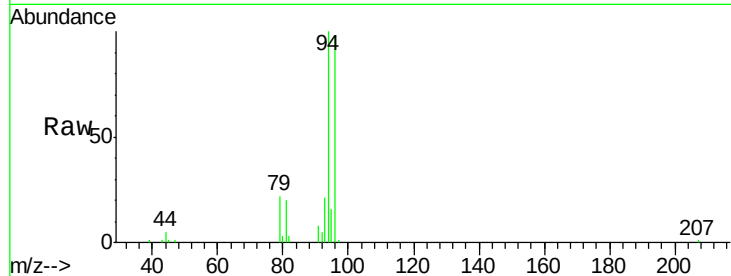
ClientSampled :

Tot Ion: 94 Resp: 50834

Ion Ratio Lower Upper

94 100

96 97.9 76.6 114.8



#6

Chloroethane

Concen: 51.479 ug/l

RT: 2.66 min Scan# 276

Delta R.T. -0.00 min

Lab File: VN062656.D

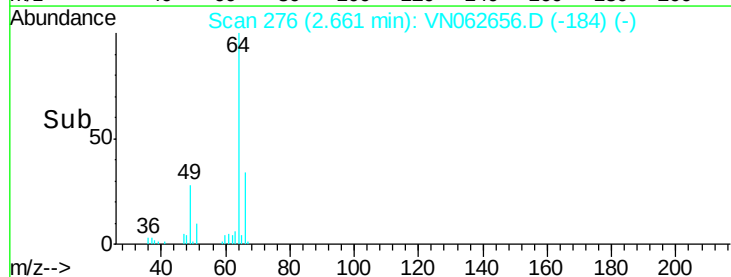
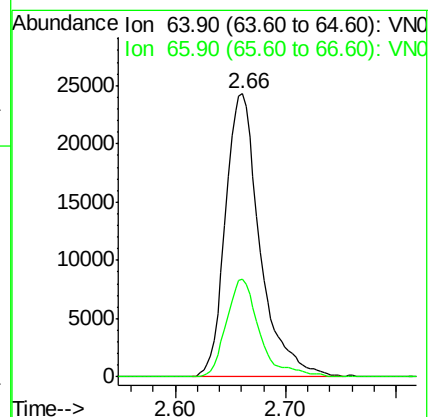
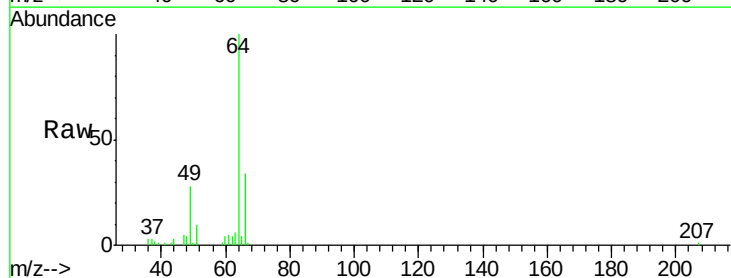
Acq: 29 Jul 2020 16:38

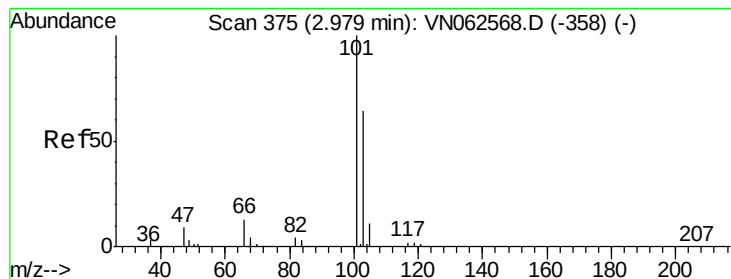
Tgt Ion: 64 Resp: 52863

Ion Ratio Lower Upper

64 100

66 34.5 25.8 38.8



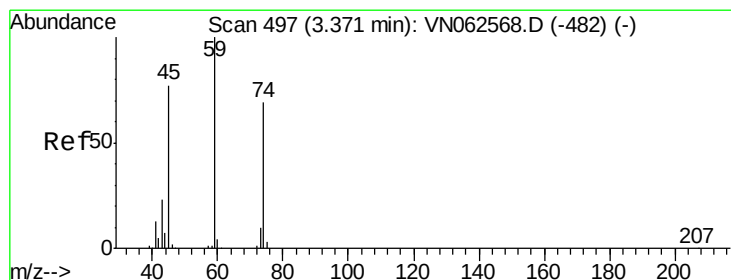
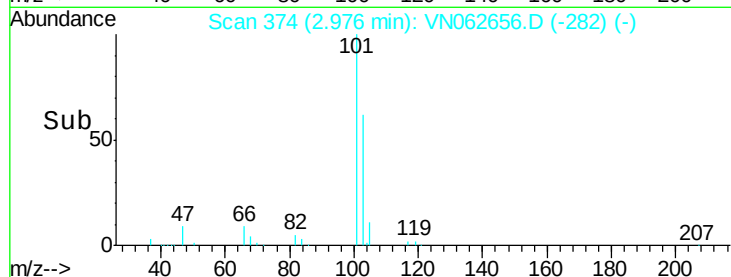
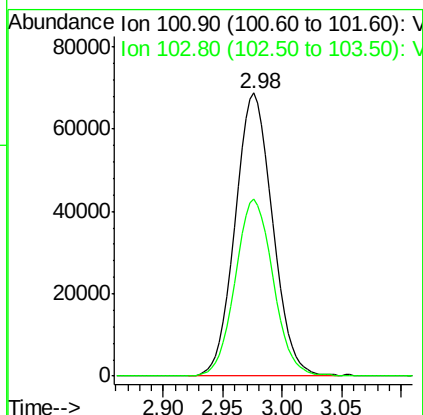
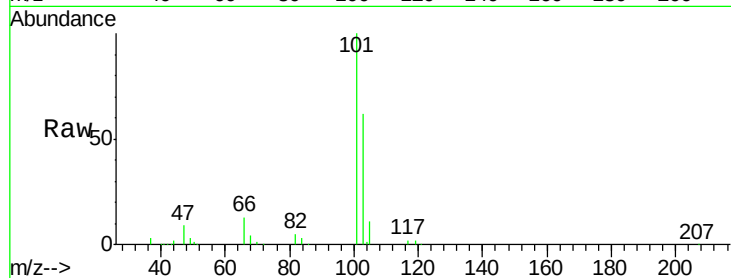


#7

Trichlorofluoromethane
 Concen: 56.349 ug/l
 RT: 2.98 min Scan# 374
 Delta R.T. -0.00 min
 Lab File: VN062656.D
 Acq: 29 Jul 2020 16:38

Instrument :
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 ClientSampleId :

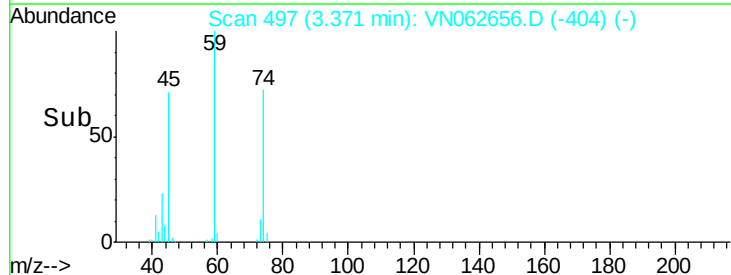
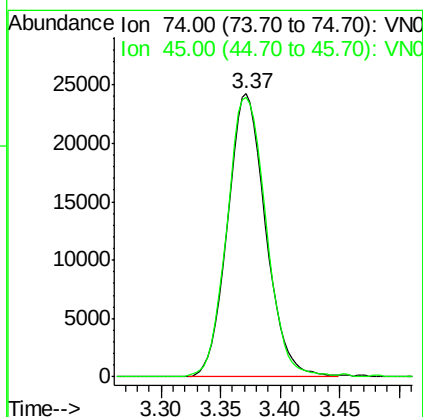
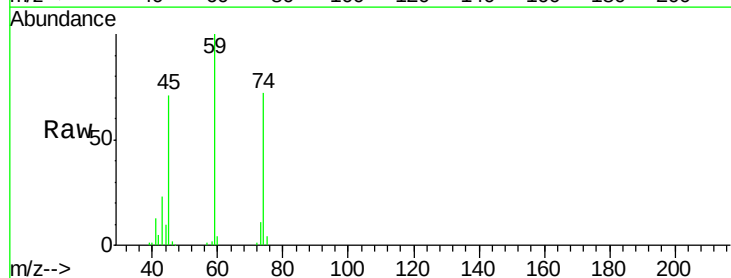
Tot Ion:101 Resp: 150193
 Ion Ratio Lower Upper
 101 100
 103 62.5 51.5 77.3

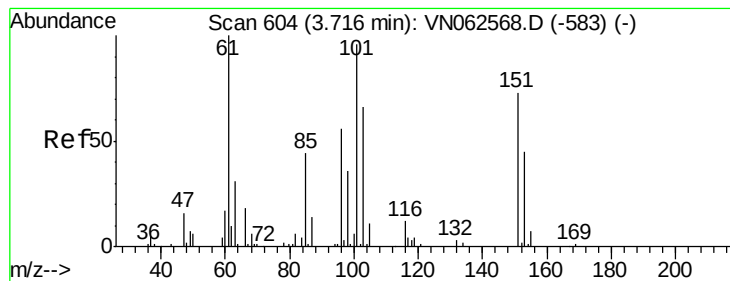


#8

Diethyl Ether
 Concen: 43.203 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN062656.D
 Acq: 29 Jul 2020 16:38

Tgt Ion: 74 Resp: 53849
 Ion Ratio Lower Upper
 74 100
 45 101.6 55.3 165.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.642 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN062656.D

Acq: 29 Jul 2020 16:38

Instrument :

MSVOA_N

ClientSampleId :

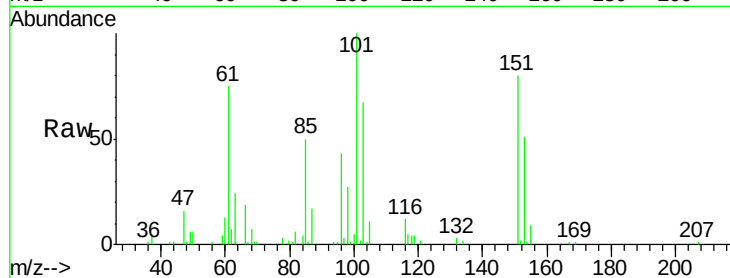
Tot Ion:101 Resp: 83126

Ion Ratio Lower Upper

101 100

85 46.2 36.0 54.0

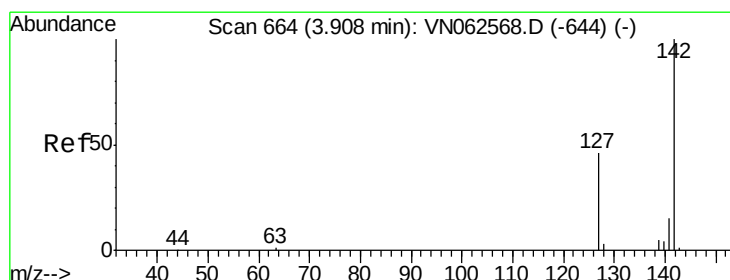
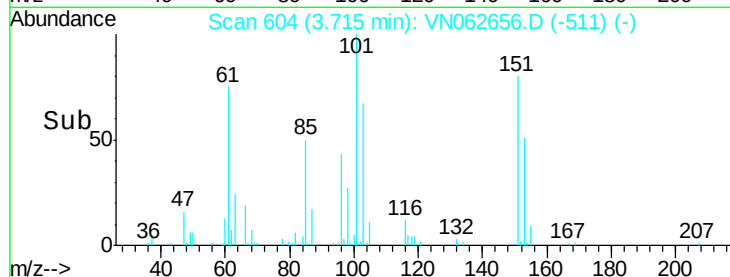
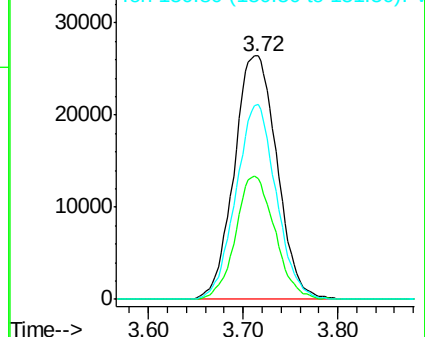
151 75.2 60.0 90.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.122 ug/l

RT: 3.91 min Scan# 663

Delta R.T. -0.00 min

Lab File: VN062656.D

Acq: 29 Jul 2020 16:38

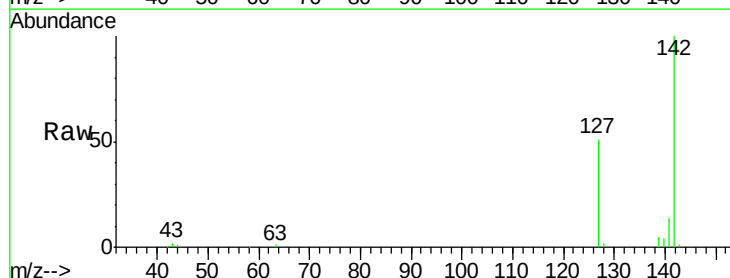
Tgt Ion:142 Resp: 102951

Ion Ratio Lower Upper

142 100

127 51.5 37.4 56.0

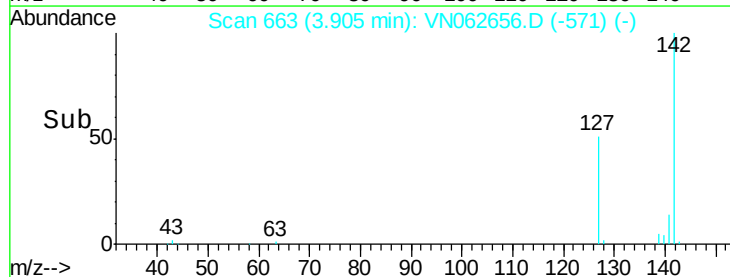
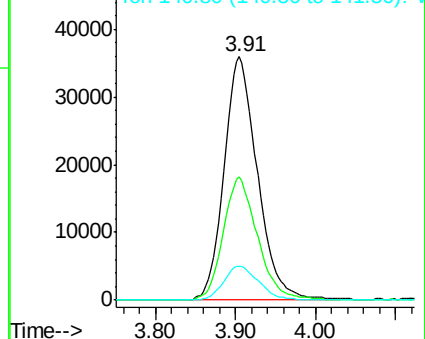
141 14.5 11.9 17.9

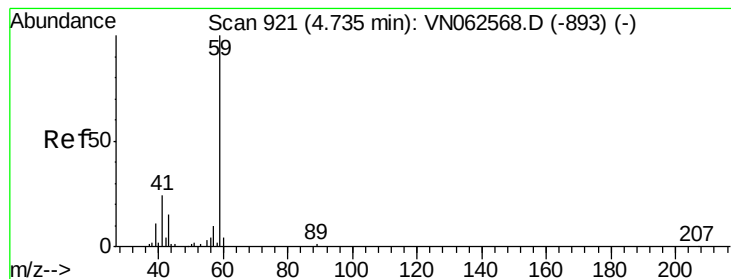


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 192.266 ug/l

RT: 4.74 min Scan# 922

Delta R.T. 0.00 min

Lab File: VN062656.D

Acq: 29 Jul 2020 16:38

Instrument :

MSVOA_N

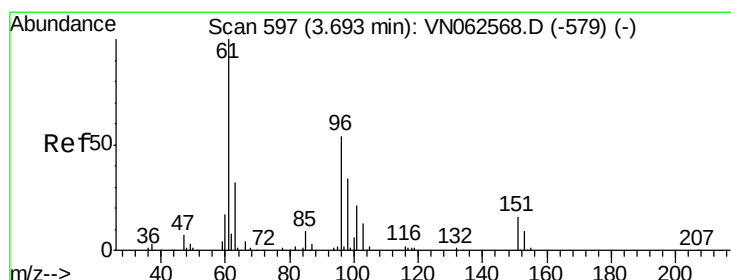
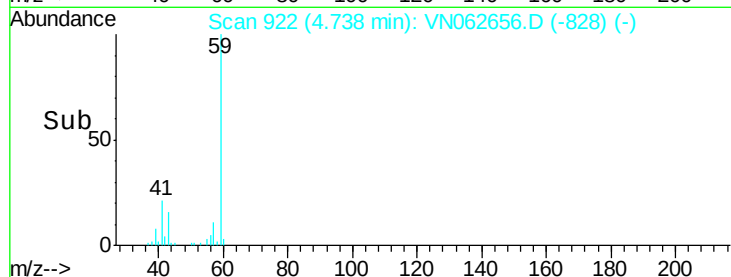
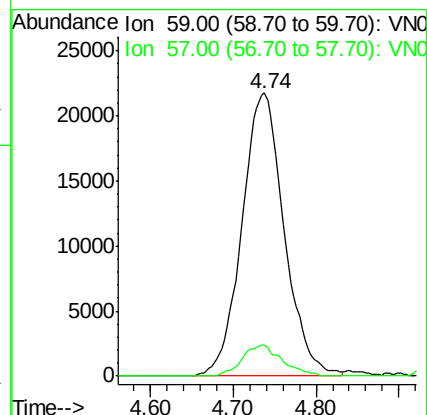
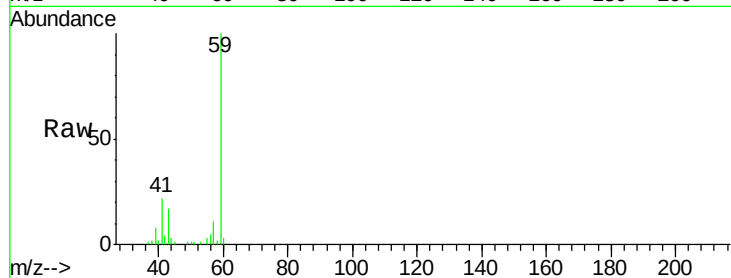
ClientSampled :

Tot Ion: 59 Resp: 76908

Ion Ratio Lower Upper

59 100

57 10.4 8.2 12.2



#12

1,1-Dichloroethene

Concen: 44.461 ug/l

RT: 3.69 min Scan# 597

Delta R.T. -0.00 min

Lab File: VN062656.D

Acq: 29 Jul 2020 16:38

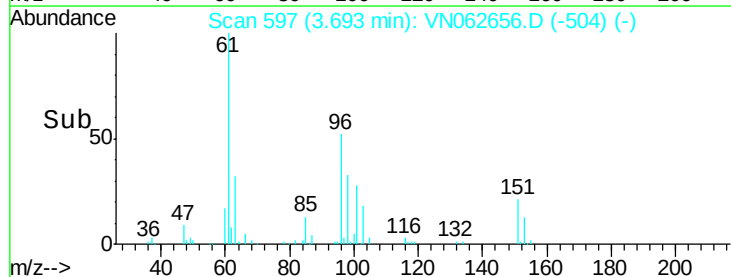
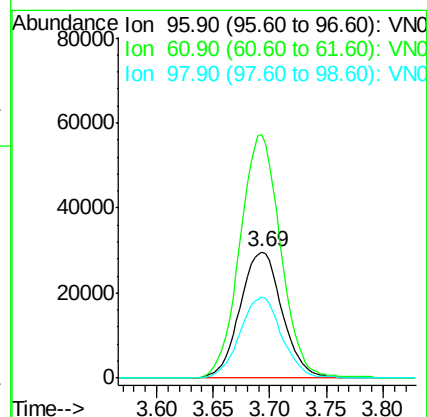
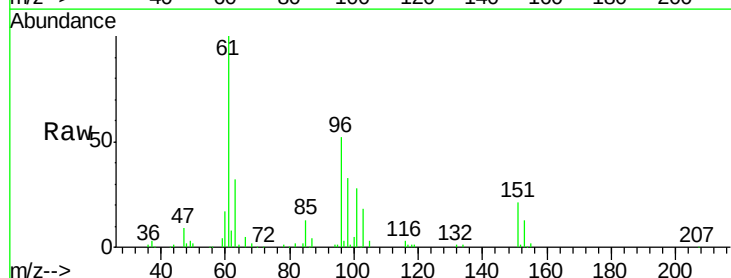
Tgt Ion: 96 Resp: 77059

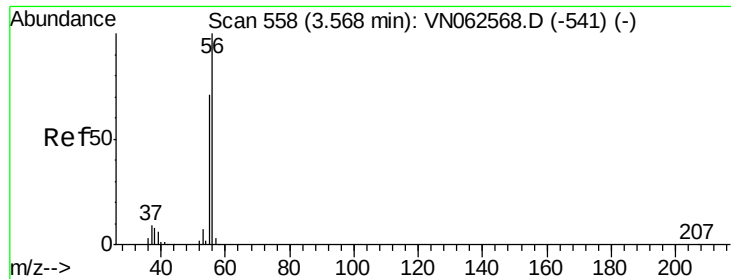
Ion Ratio Lower Upper

96 100

61 192.7 148.6 222.8

98 63.9 50.6 75.8

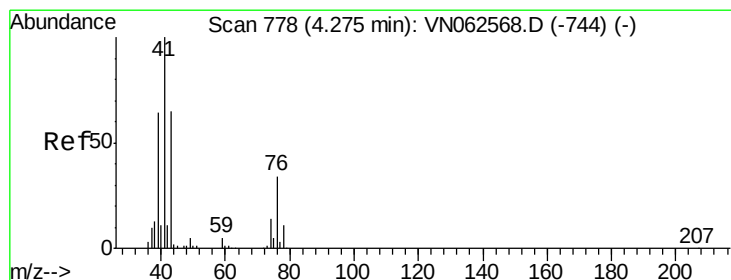
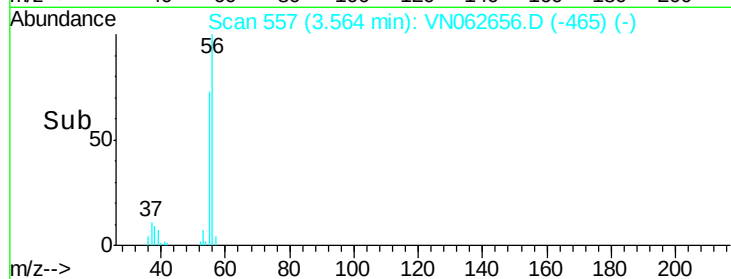
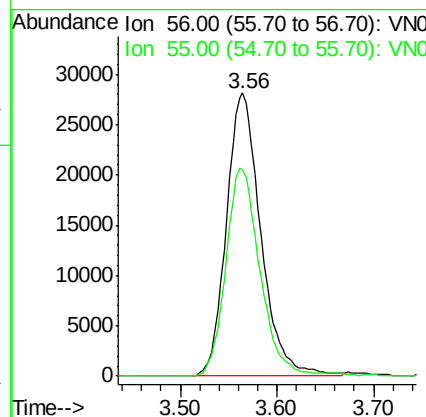
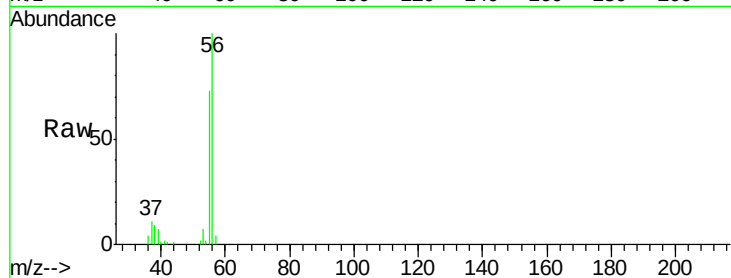




#13
Acrolein
Concen: 169.542 ug/l
RT: 3.56 min Scan# 557
Delta R.T. -0.00 min
Lab File: VN062656.D
Acq: 29 Jul 2020 16:38

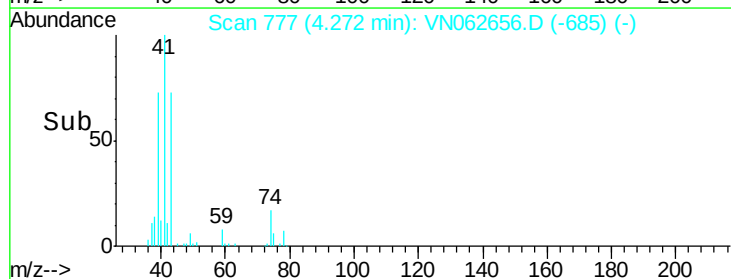
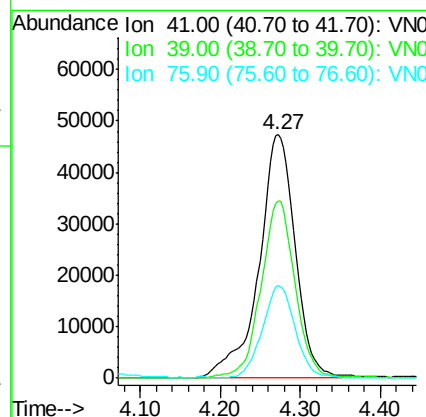
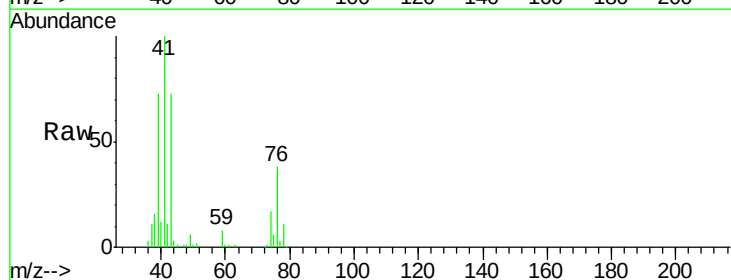
Instrument :
MSVOA_N
ClientSampled :

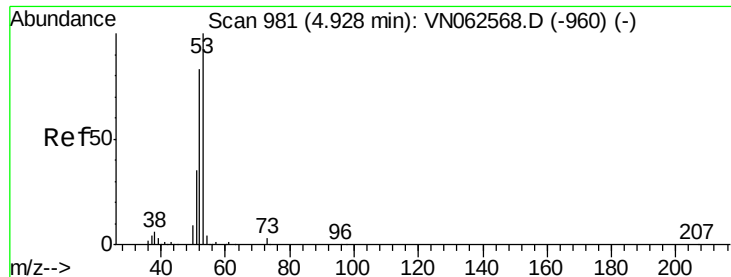
Tot Ion: 56 Resp: 69553
Ion Ratio Lower Upper
56 100
55 72.7 57.0 85.4



#14
Allyl chloride
Concen: 39.446 ug/l
RT: 4.27 min Scan# 777
Delta R.T. -0.00 min
Lab File: VN062656.D
Acq: 29 Jul 2020 16:38

Tgt Ion: 41 Resp: 147884
Ion Ratio Lower Upper
41 100
39 68.1 49.0 73.4
76 34.5 24.0 36.0





#15

Acrylonitrile

Concen: 208.406 ug/l

RT: 4.92 min Scan# 980

Delta R.T. -0.00 min

Lab File: VN062656.D

Acq: 29 Jul 2020 16:38

Instrument :

MSVOA_N

ClientSampleId :

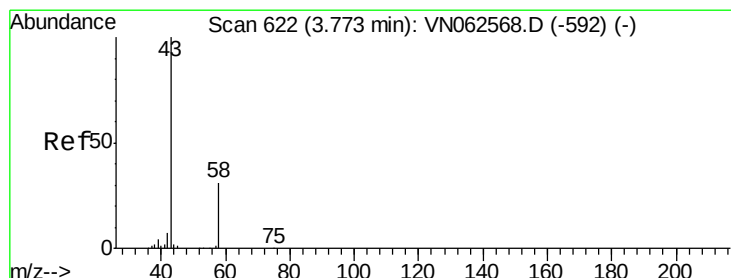
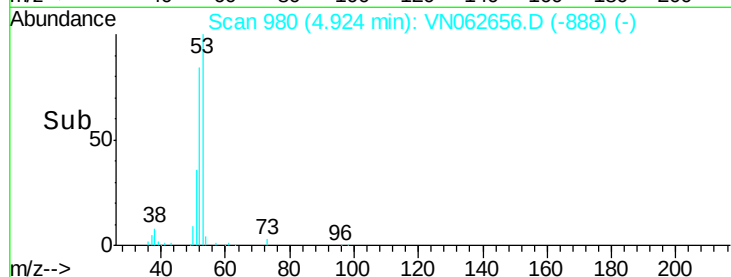
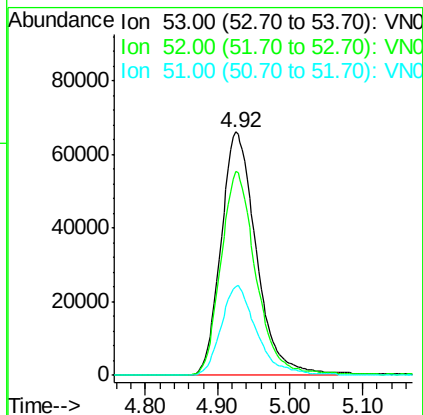
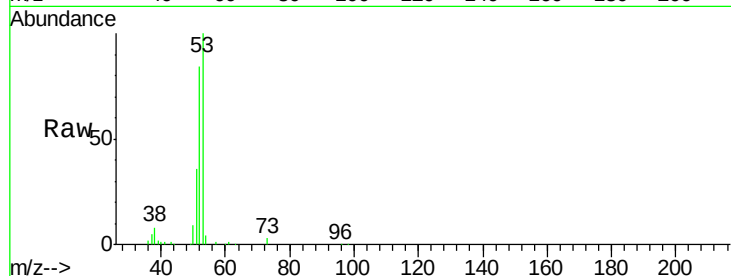
Tot Ion: 53 Resp: 223289

Ion Ratio Lower Upper

53 100

52 82.8 66.3 99.5

51 37.3 28.6 43.0



#16

Acetone

Concen: 239.117 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.00 min

Lab File: VN062656.D

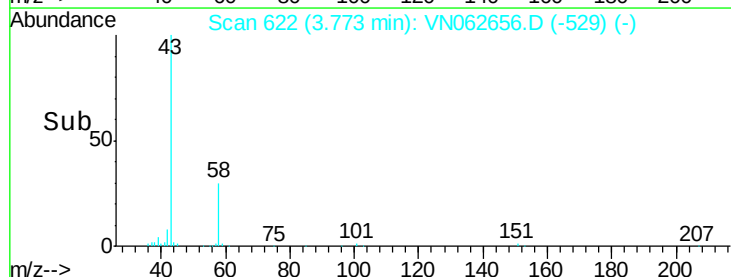
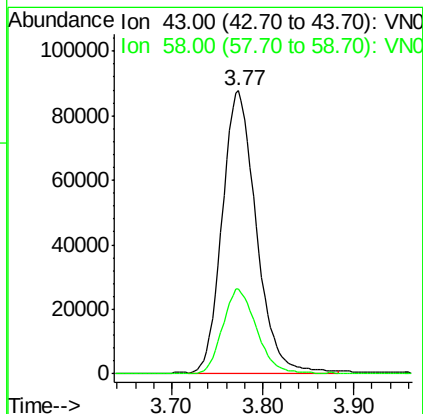
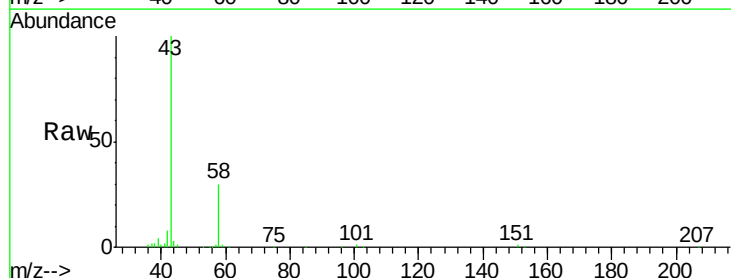
Acq: 29 Jul 2020 16:38

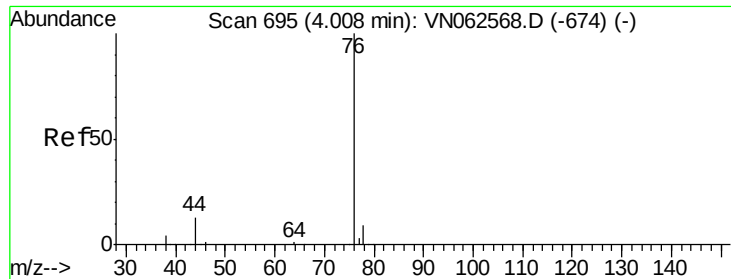
Tgt Ion: 43 Resp: 226259

Ion Ratio Lower Upper

43 100

58 30.1 24.6 37.0

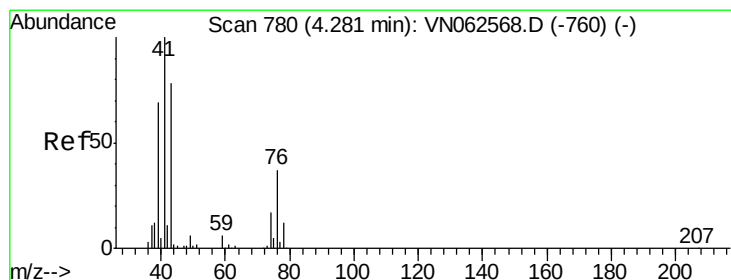
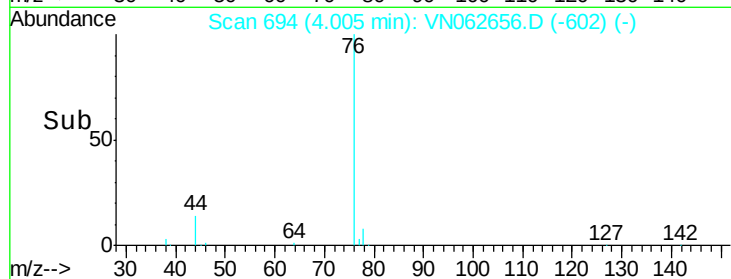
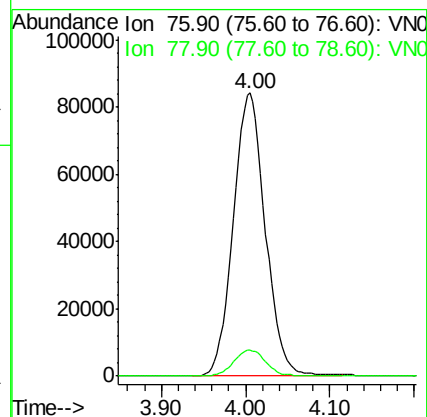
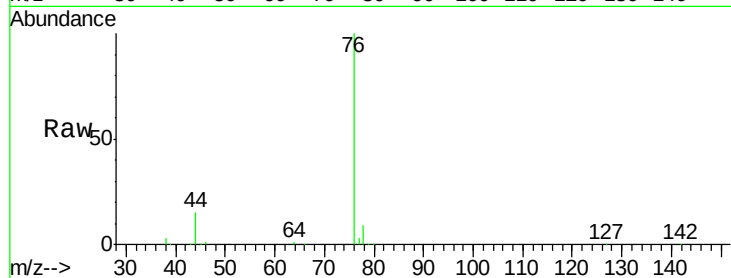




#17
Carbon Disulfide
Concen: 39.054 ug/l
RT: 4.00 min Scan# 694
Delta R.T. -0.00 min
Lab File: VN062656.D
Acq: 29 Jul 2020 16:38

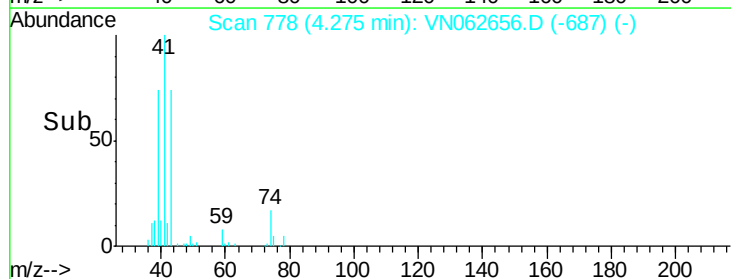
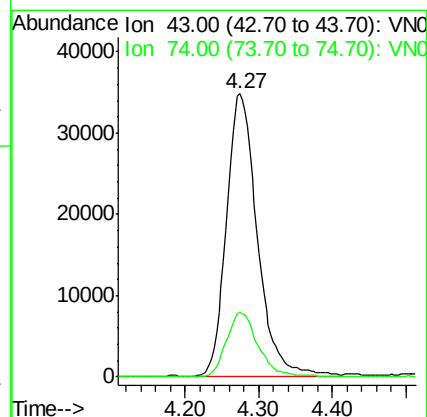
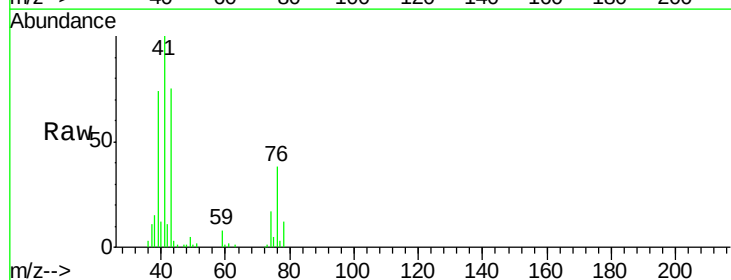
Instrument :
MSVOA_N
ClientSampleId :

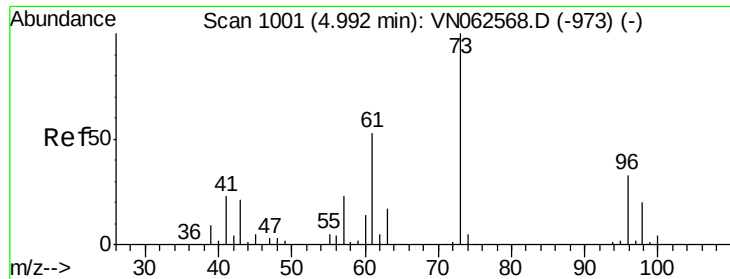
Tot Ion: 76 Resp: 222395
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 42.744 ug/l
RT: 4.27 min Scan# 778
Delta R.T. -0.01 min
Lab File: VN062656.D
Acq: 29 Jul 2020 16:38

Tgt Ion: 43 Resp: 102390
Ion Ratio Lower Upper
43 100
74 22.9 16.6 24.8

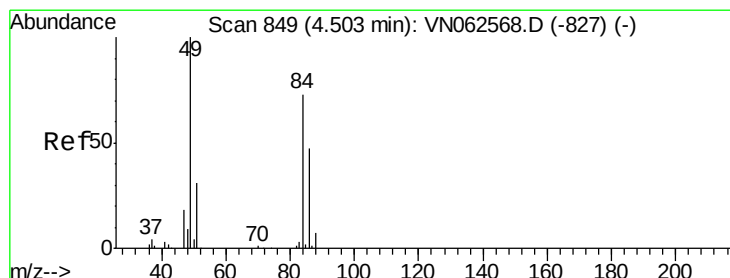
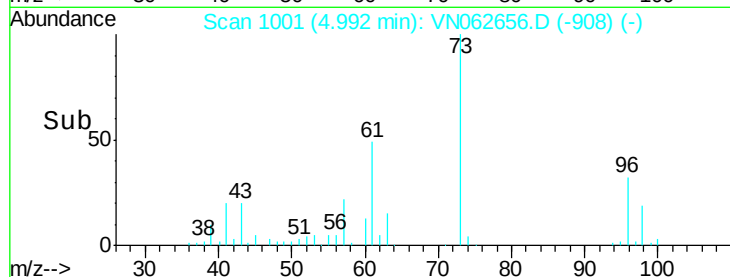
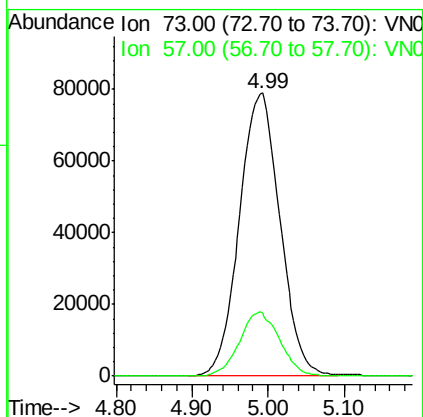
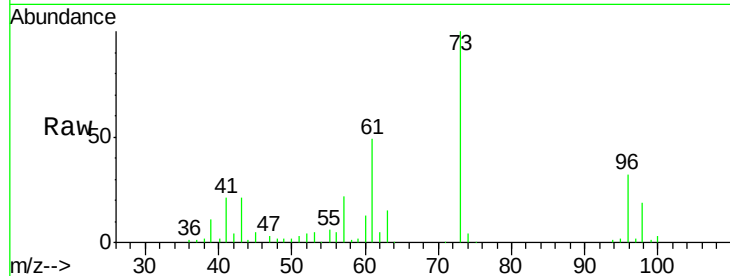




#19
Methyl tert-butyl Ether
Concen: 46.039 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VN062656.D
Acq: 29 Jul 2020 16:38

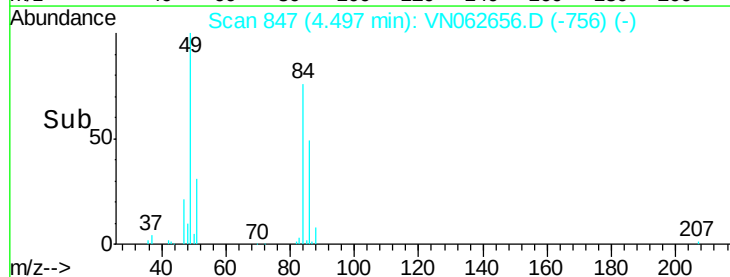
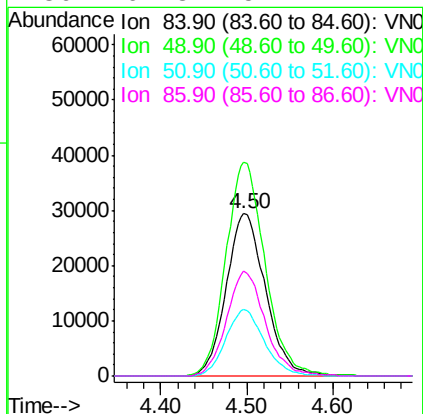
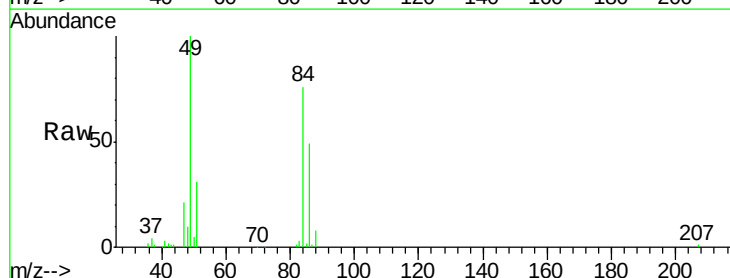
Instrument :
MSVOA_N
ClientSampled :

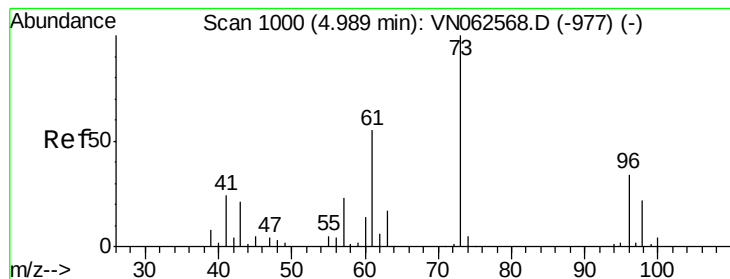
Tot Ion: 73 Resp: 293685
Ion Ratio Lower Upper
73 100
57 22.3 18.6 27.8



#20
Methylene Chloride
Concen: 41.144 ug/l
RT: 4.50 min Scan# 847
Delta R.T. -0.01 min
Lab File: VN062656.D
Acq: 29 Jul 2020 16:38

Tgt Ion: 84 Resp: 93373
Ion Ratio Lower Upper
84 100
49 131.0 109.4 164.0
51 41.0 33.6 50.4
86 64.3 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 44.245 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN062656.D

Acq: 29 Jul 2020 16:38

Instrument :
MSVOA_N
ClientSampleId :

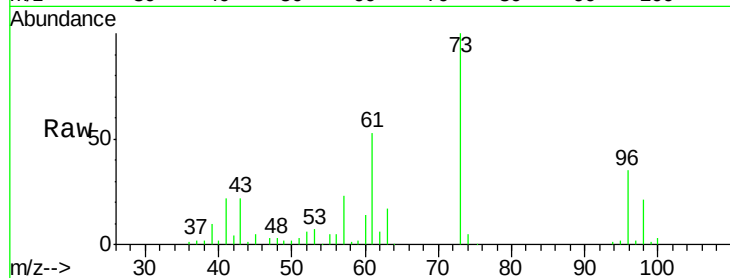
Tot Ion: 96 Resp: 85111

Ion Ratio Lower Upper

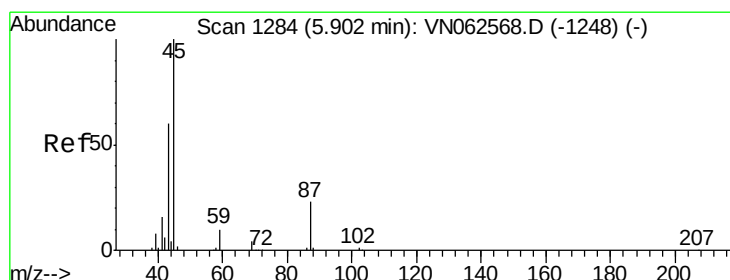
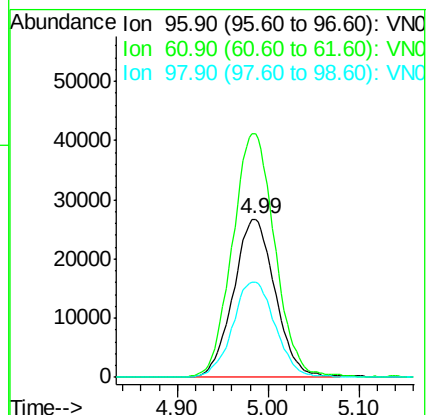
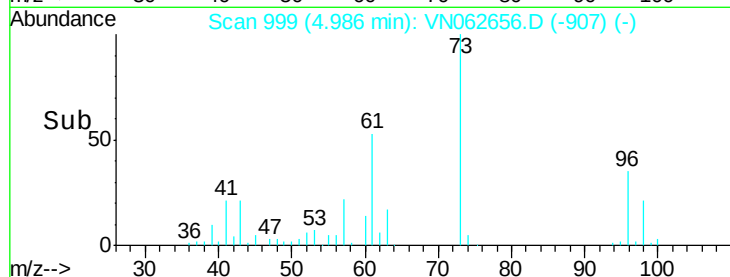
96 100

61 153.0 128.6 192.8

98 60.2 50.6 76.0



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: 40.703 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VN062656.D

Acq: 29 Jul 2020 16:38

Tgt Ion: 45 Resp: 303323

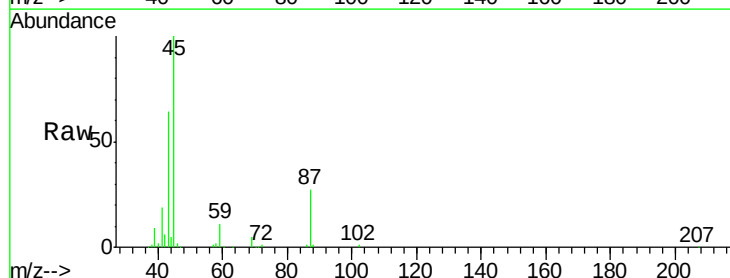
Ion Ratio Lower Upper

45 100

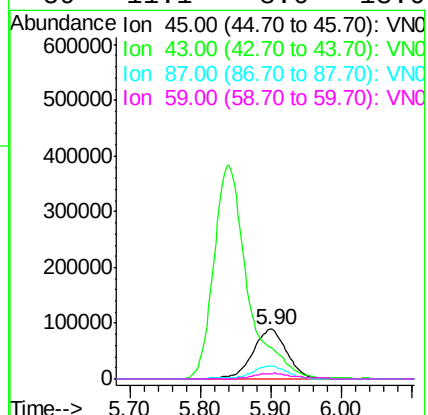
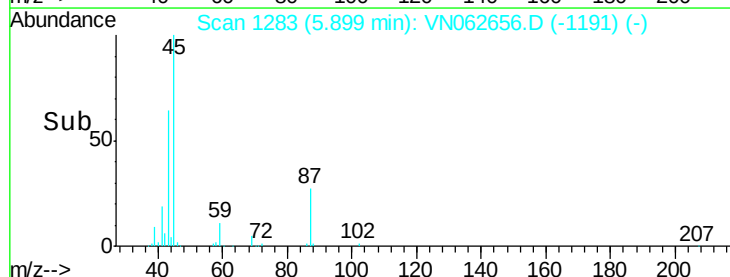
43 62.1 48.7 73.1

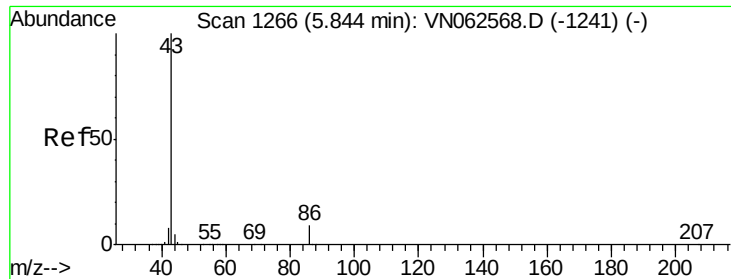
87 26.9 19.0 28.6

59 11.1 8.6 13.0



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: 210.579 ug/l

RT: 5.84 min Scan# 1264

Delta R.T. -0.01 min

Lab File: VN062656.D

Acq: 29 Jul 2020 16:38

Instrument :

MSVOA_N

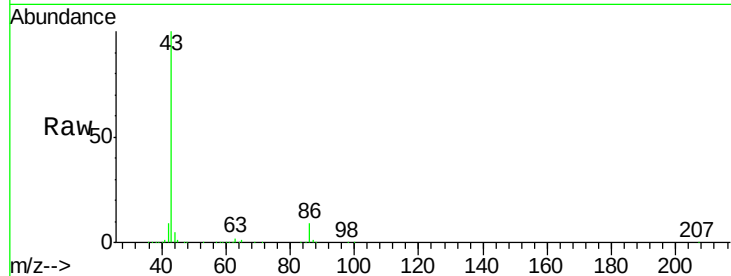
ClientSampled :

Tot Ion: 43 Resp: 1285815

Ion Ratio Lower Upper

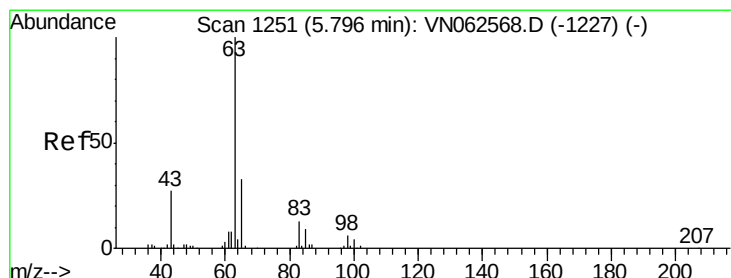
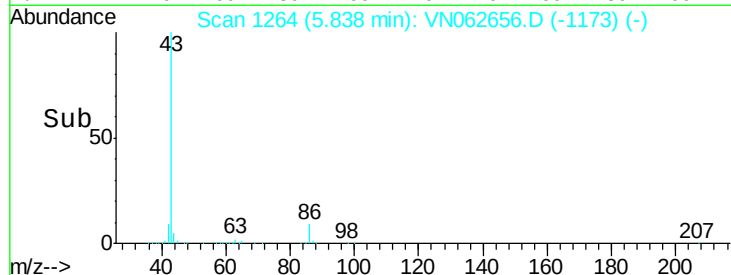
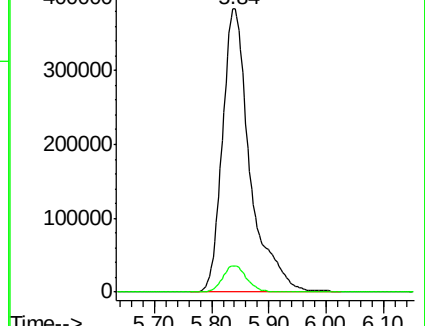
43 100

86 9.4 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 43.774 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062656.D

Acq: 29 Jul 2020 16:38

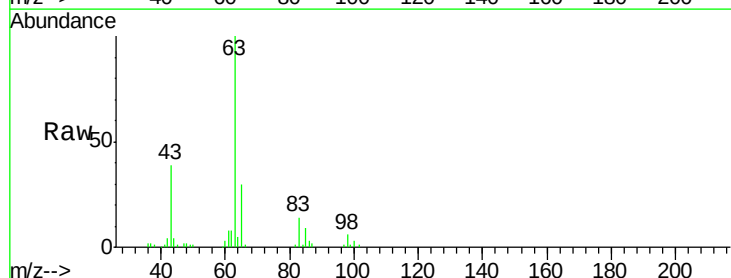
Tgt Ion: 63 Resp: 175659

Ion Ratio Lower Upper

63 100

98 6.1 2.9 8.8

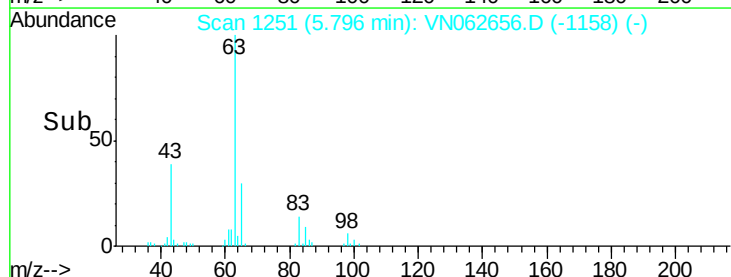
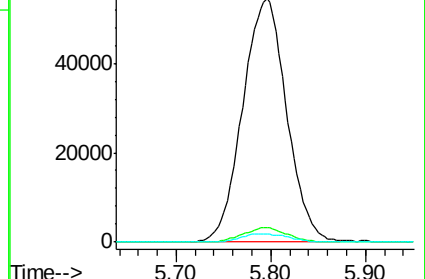
100 3.3 1.8 5.4

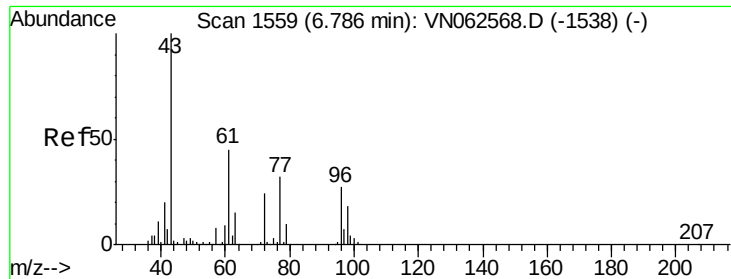


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

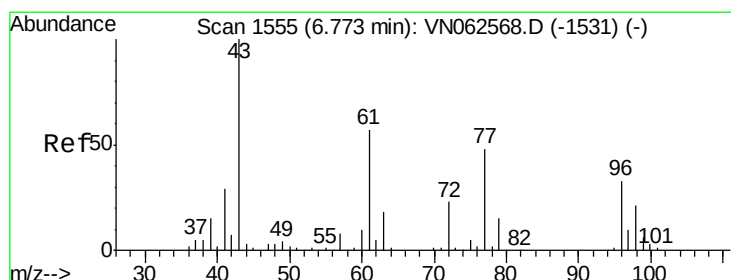
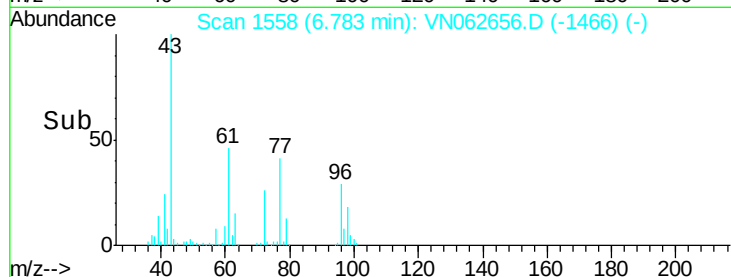
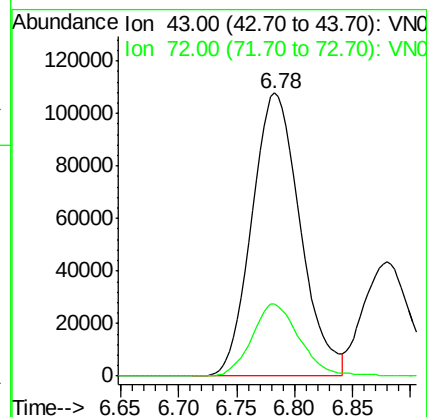
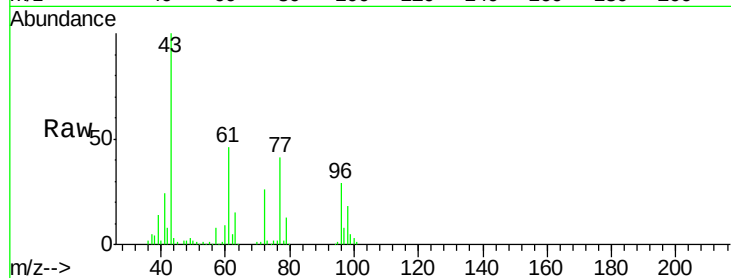




#25
 2-Butanone
 Concen: 216.777 ug/l
 RT: 6.78 min Scan# 1558
 Delta R.T. -0.00 min
 Lab File: VN062656.D
 Acq: 29 Jul 2020 16:38

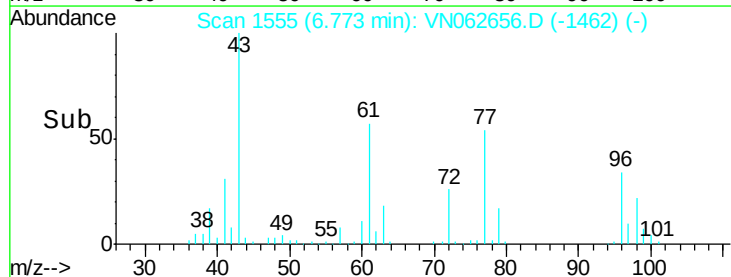
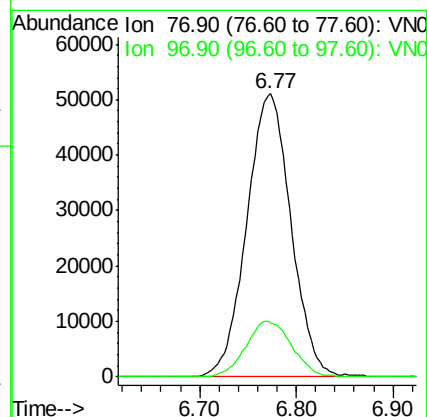
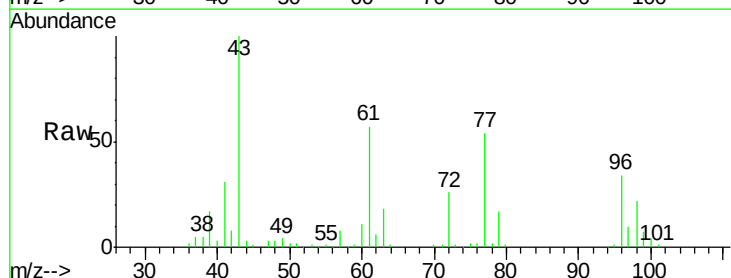
Instrument :
 MSVOA_N
 ClientSampled :

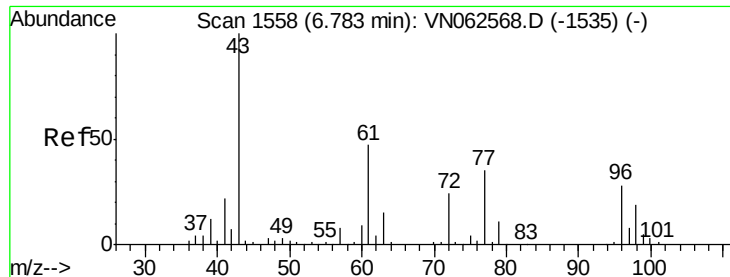
Tot Ion: 43 Resp: 312393
 Ion Ratio Lower Upper
 43 100
 72 25.6 19.0 28.6



#26
 2,2-Dichloropropane
 Concen: 49.222 ug/l
 RT: 6.77 min Scan# 1555
 Delta R.T. -0.00 min
 Lab File: VN062656.D
 Acq: 29 Jul 2020 16:38

Tgt Ion: 77 Resp: 162148
 Ion Ratio Lower Upper
 77 100
 97 20.4 10.8 32.4





#27

cis-1,2-Dichloroethene

Concen: 43.986 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.01 min

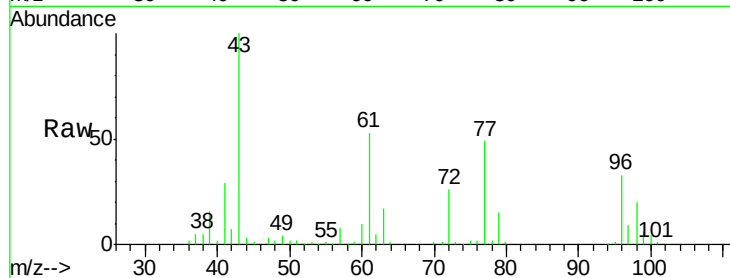
Lab File: VN062656.D

Acq: 29 Jul 2020 16:38

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 96549

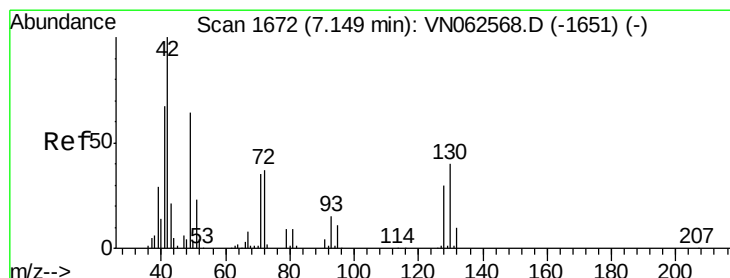
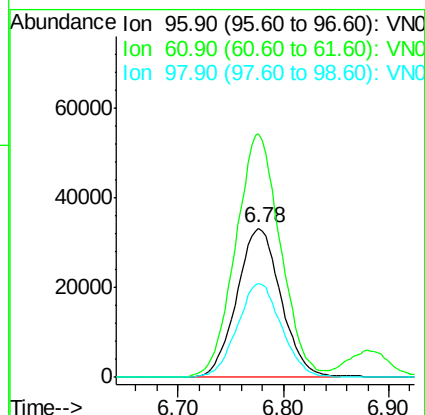
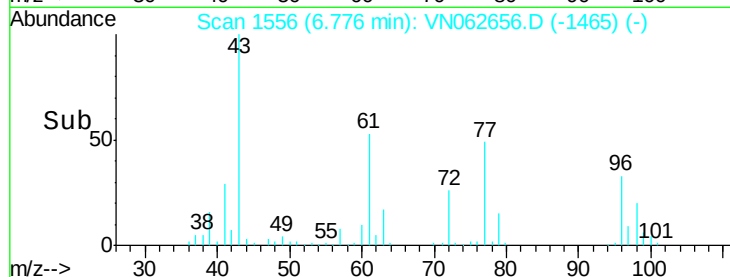
Ion	Ratio	Lower	Upper
96	100		
61	165.2	0.0	332.4
98	62.8	0.0	127.4



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



#28

Bromochloromethane

Concen: 43.653 ug/l

RT: 7.15 min Scan# 1671

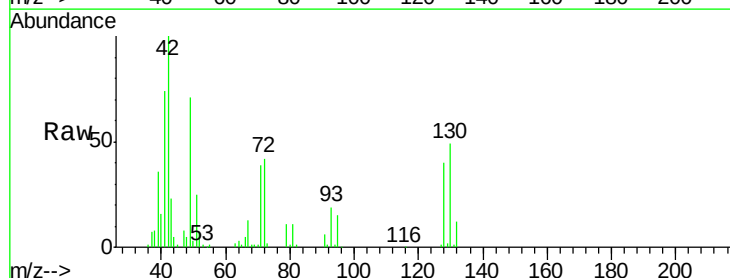
Delta R.T. -0.00 min

Lab File: VN062656.D

Acq: 29 Jul 2020 16:38

Tgt Ion: 49 Resp: 86210

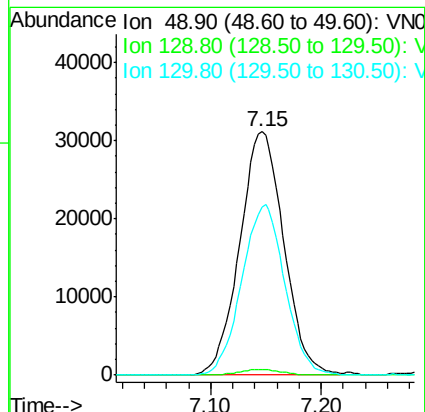
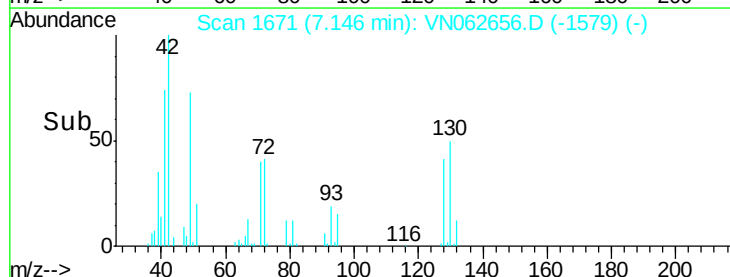
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	3.4
130	68.4	49.8	74.8

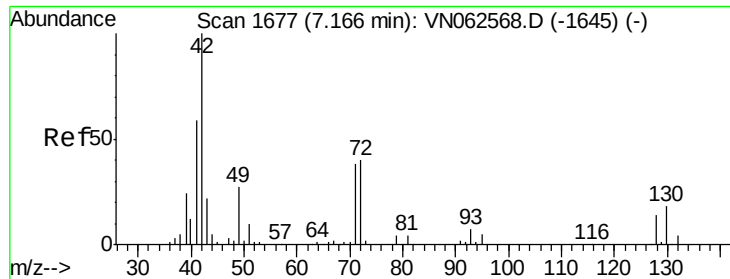


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

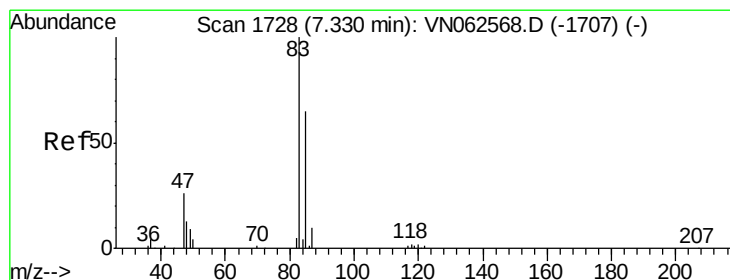
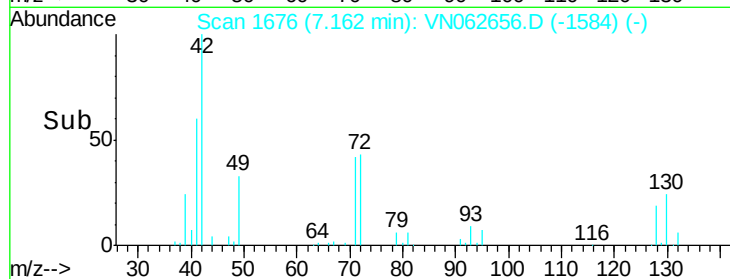
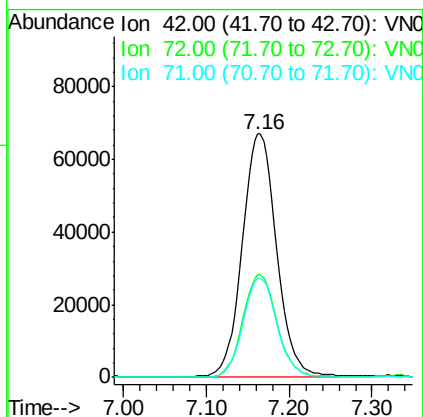
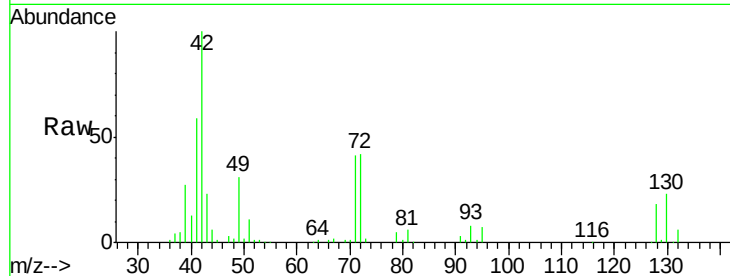




#29
Tetrahydrofuran
Concen: 198.520 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. -0.00 min
Lab File: VN062656.D
Acq: 29 Jul 2020 16:38

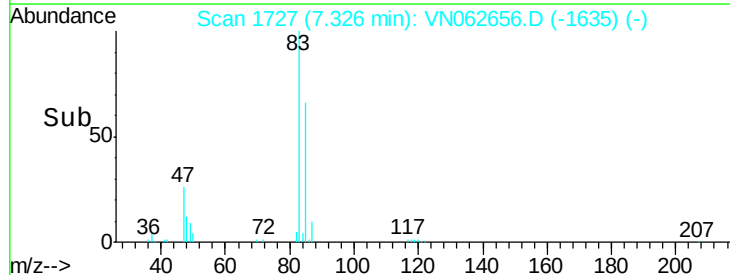
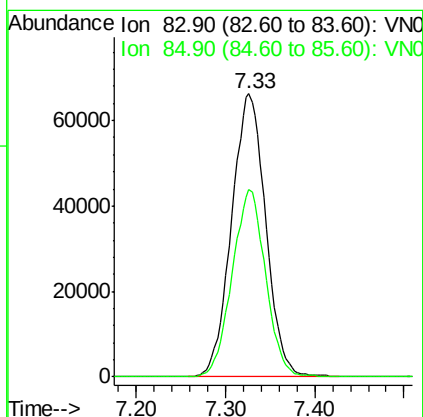
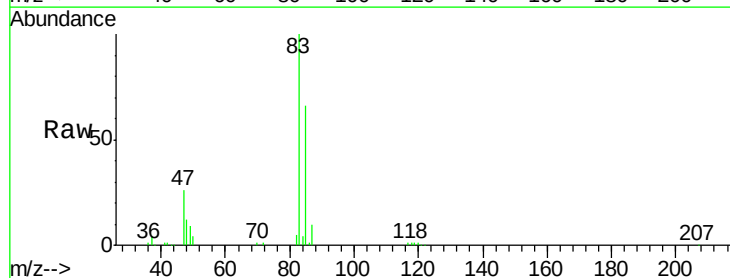
Instrument :
MSVOA_N
ClientSampled :

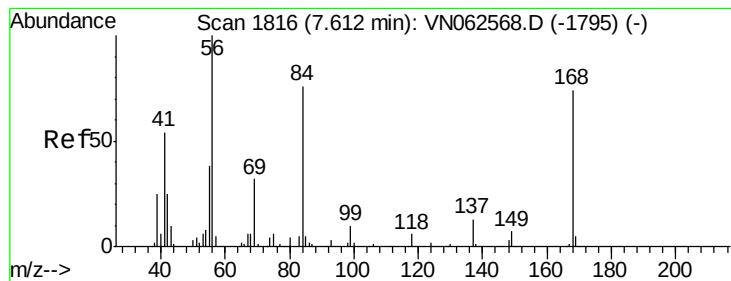
Tot Ion: 42 Resp: 193580
Ion Ratio Lower Upper
42 100
72 42.0 30.7 46.1
71 40.2 29.1 43.7



#30
Chloroform
Concen: 46.107 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062656.D
Acq: 29 Jul 2020 16:38

Tgt Ion: 83 Resp: 175922
Ion Ratio Lower Upper
83 100
85 66.1 52.0 78.0





#31

Cyclohexane

Concen: 40.538 ug/l

RT: 7.61 min Scan# 1815

Delta R.T. -0.00 min

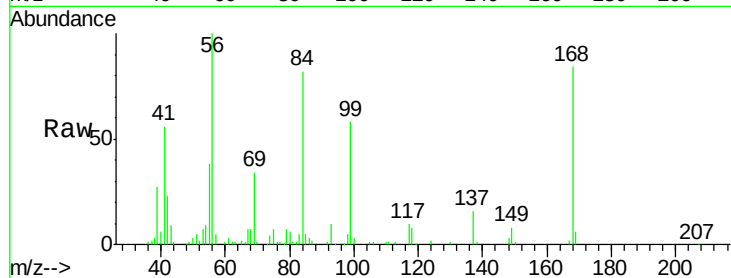
Lab File: VN062656.D

Acq: 29 Jul 2020 16:38

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 150197

Ion	Ratio	Lower	Upper
56	100		
69	33.6	25.3	37.9
84	81.3	61.0	91.4

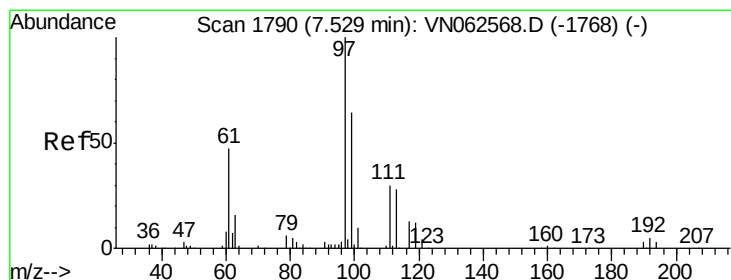
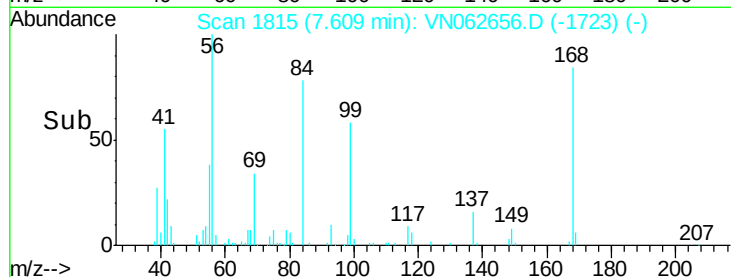
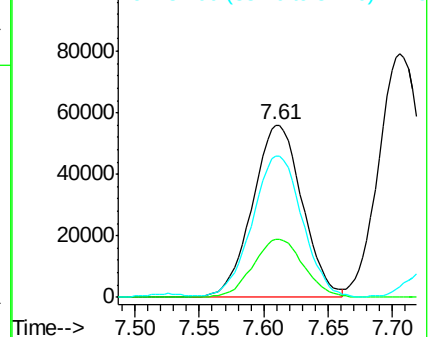


Abundance

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: 50.371 ug/l

RT: 7.53 min Scan# 1789

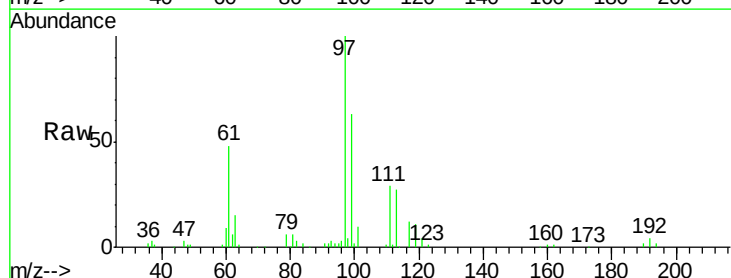
Delta R.T. -0.00 min

Lab File: VN062656.D

Acq: 29 Jul 2020 16:38

Tgt Ion: 97 Resp: 160460

Ion	Ratio	Lower	Upper
97	100		
99	63.3	51.2	76.8
61	46.7	38.4	57.6

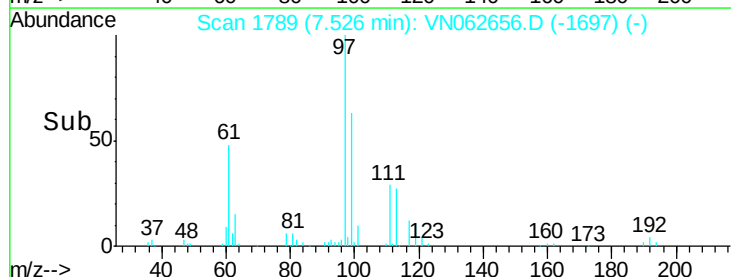
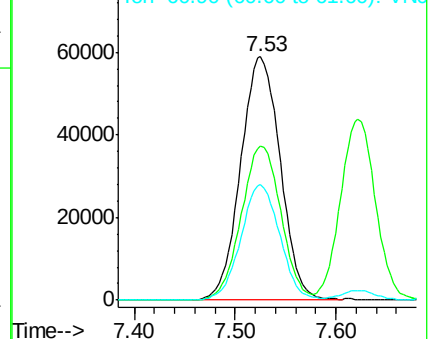


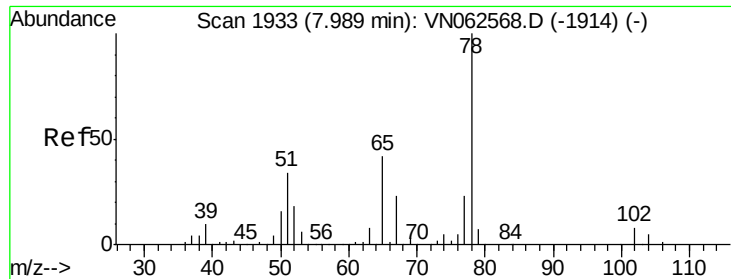
Abundance

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

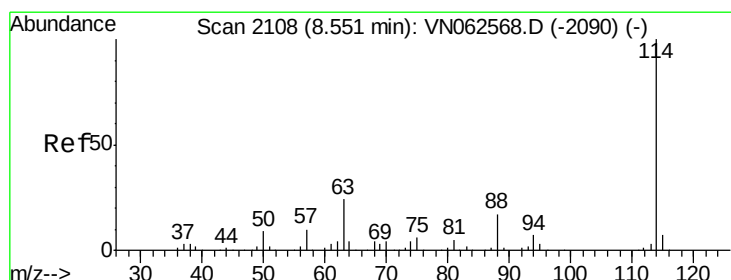
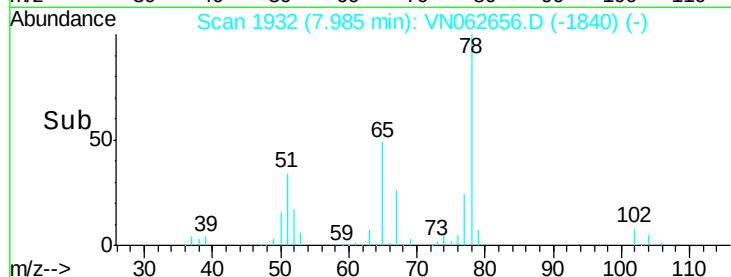
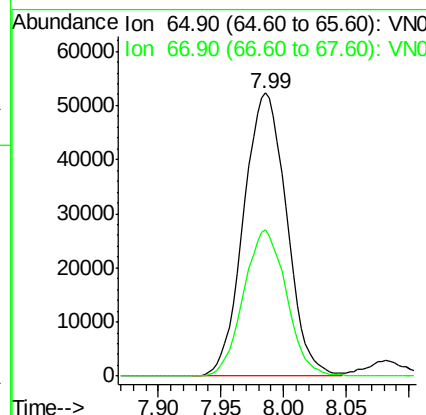
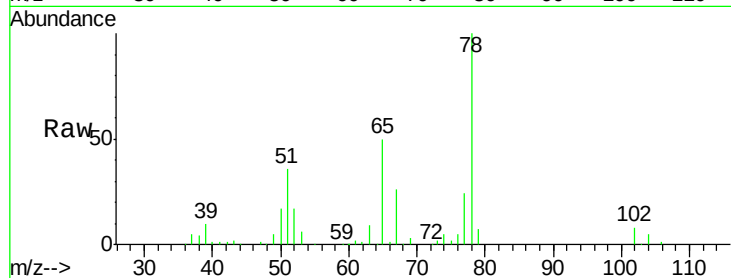




#33
 1,2-Dichloroethane-d4
 Concen: 49.675 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062656.D
 Acq: 29 Jul 2020 16:38

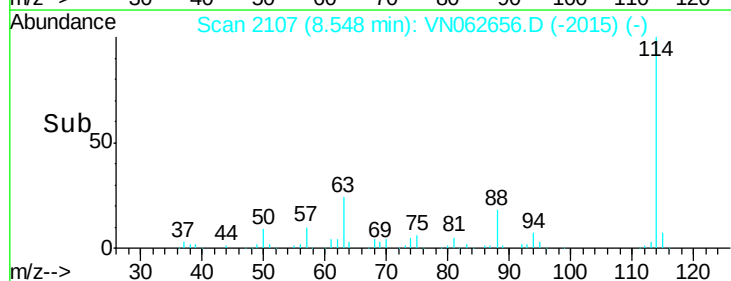
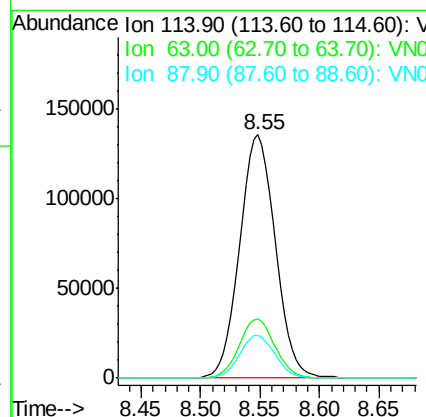
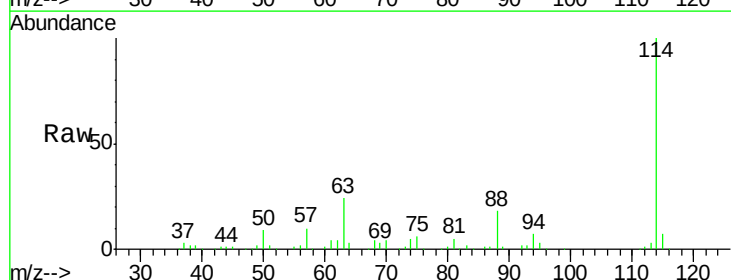
Instrument :
 MSVOA_N
 ClientSampleId :

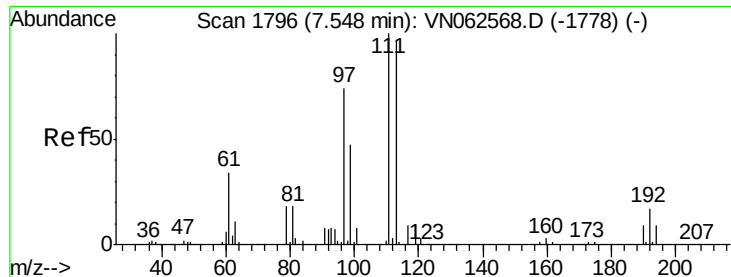
Tot Ion: 65 Resp: 124909
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062656.D
 Acq: 29 Jul 2020 16:38

Tgt Ion: 114 Resp: 282314
 Ion Ratio Lower Upper
 114 100
 63 24.3 0.0 48.4
 88 17.6 0.0 33.8

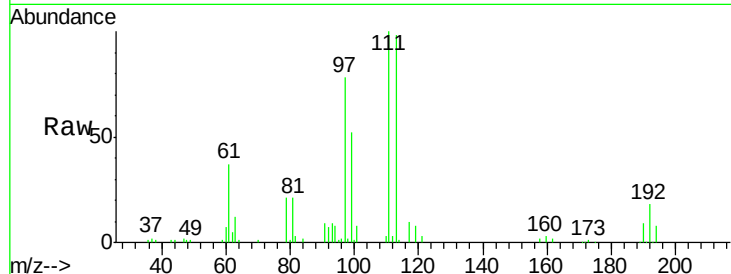




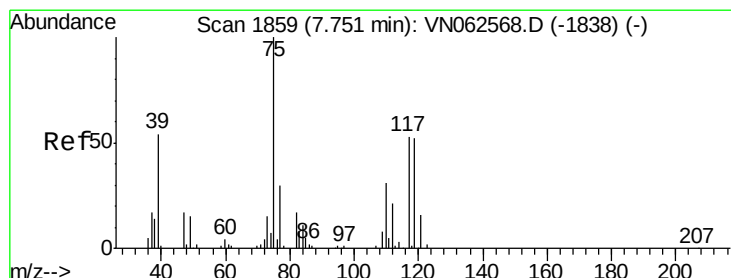
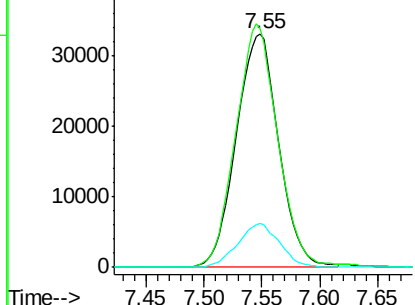
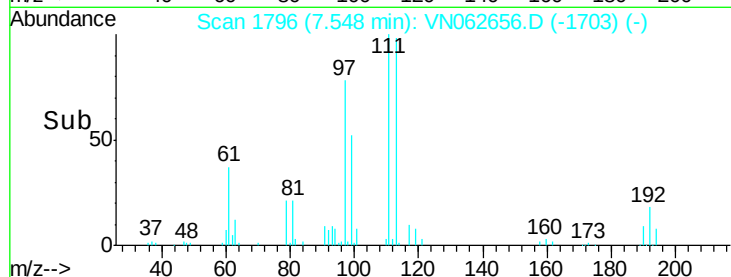
#35
 Dibromofluoromethane
 Concen: 45.396 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062656.D
 Acq: 29 Jul 2020 16:38

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:113 Resp: 84182
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.7 124.1
 192 18.5 14.8 22.2

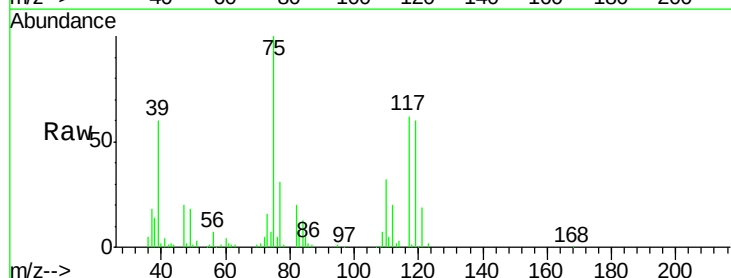


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

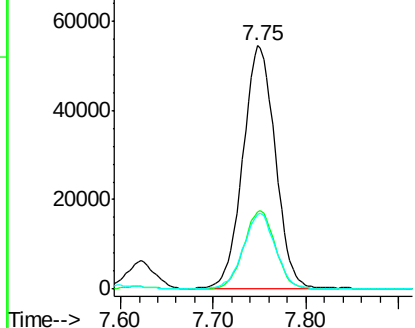
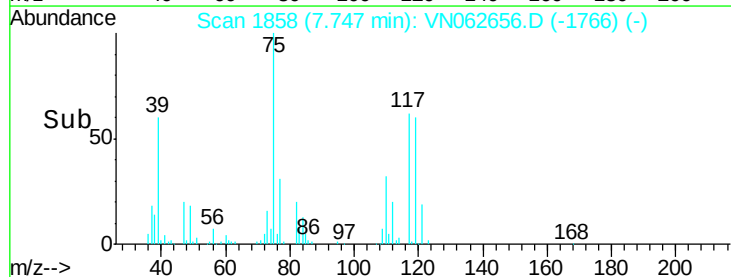


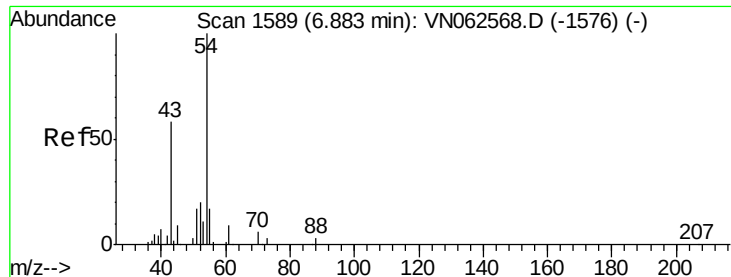
#36
 1,1-Dichloropropene
 Concen: 44.145 ug/l
 RT: 7.75 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: VN062656.D
 Acq: 29 Jul 2020 16:38

Tgt Ion: 75 Resp: 132841
 Ion Ratio Lower Upper
 75 100
 110 31.2 16.0 48.0
 77 30.9 24.6 36.8



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

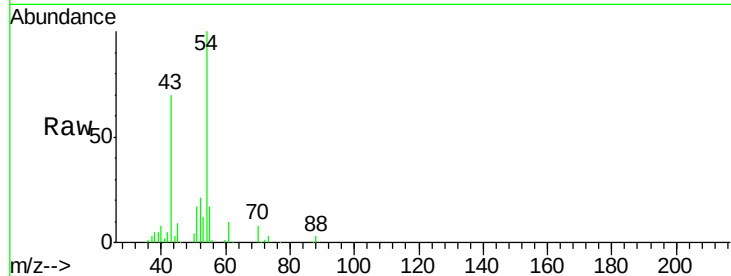




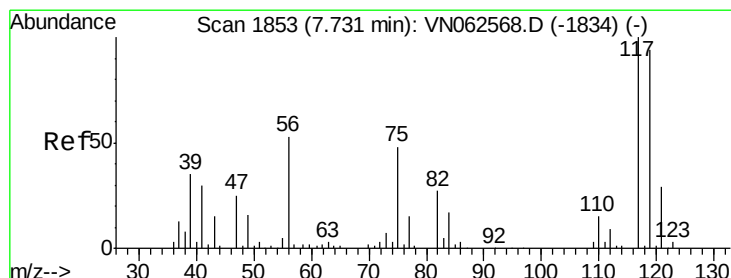
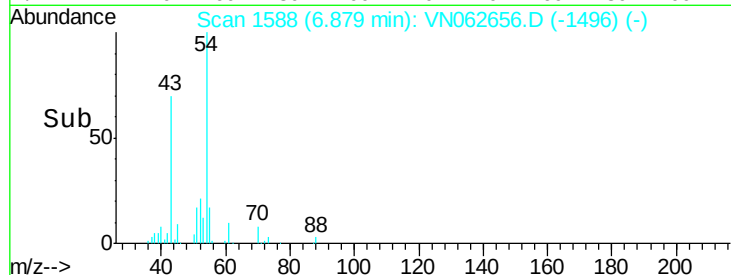
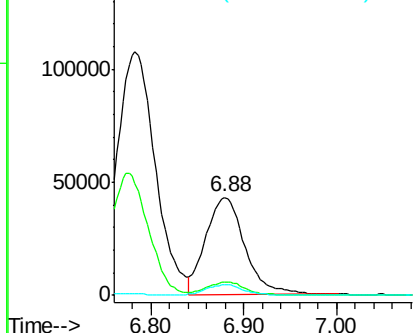
#37
Ethyl Acetate
Concen: 38.772 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN062656.D
Acq: 29 Jul 2020 16:38

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 125766
Ion Ratio Lower Upper
43 100
61 14.0 11.3 16.9
70 10.7 7.7 11.5

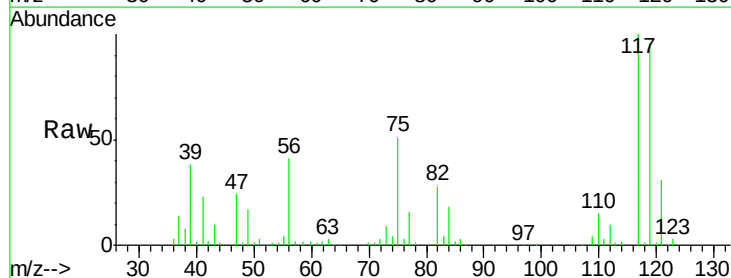


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

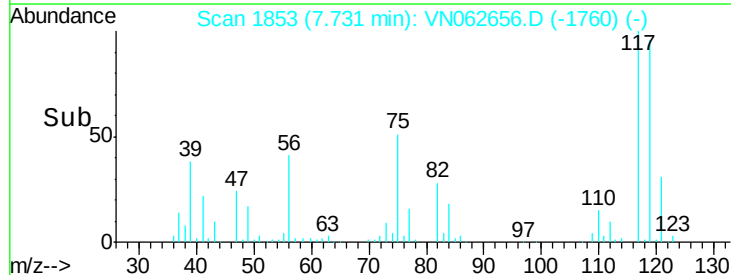
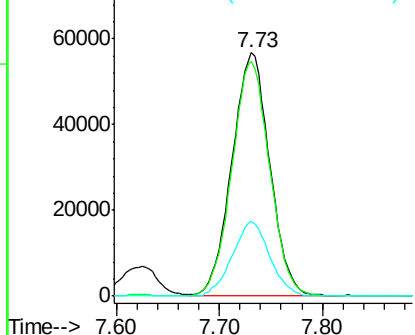


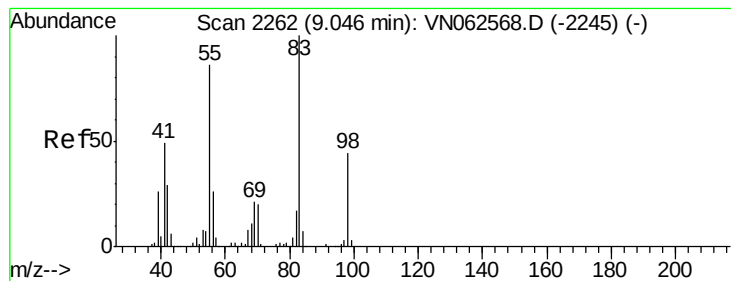
#38
Carbon Tetrachloride
Concen: 49.760 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062656.D
Acq: 29 Jul 2020 16:38

Tgt Ion: 117 Resp: 143929
Ion Ratio Lower Upper
117 100
119 96.5 74.8 112.2
121 31.0 23.0 34.6



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





#39

Methylvlcyclohexane

Concen: 52.804 ug/l

RT: 9.05 min Scan# 2262

Delta R.T. -0.00 min

Lab File: VN062656.D

Acq: 29 Jul 2020 16:38

Instrument :

MSVOA_N

ClientSampleId :

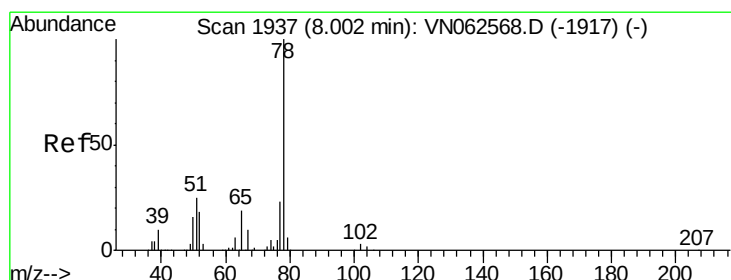
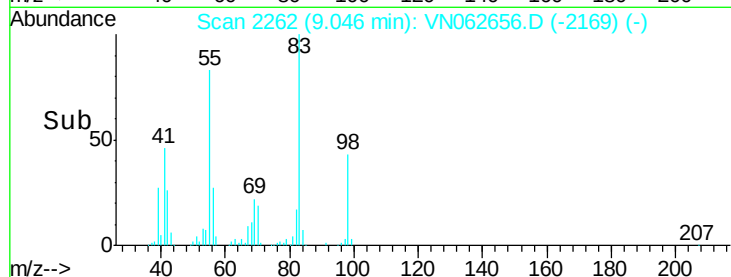
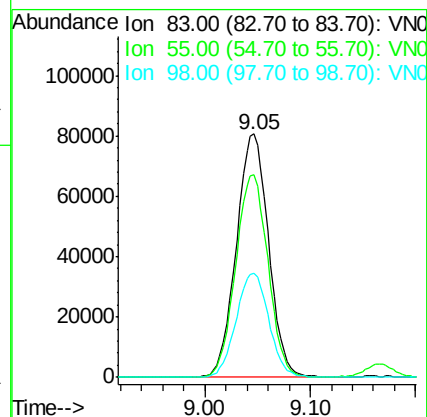
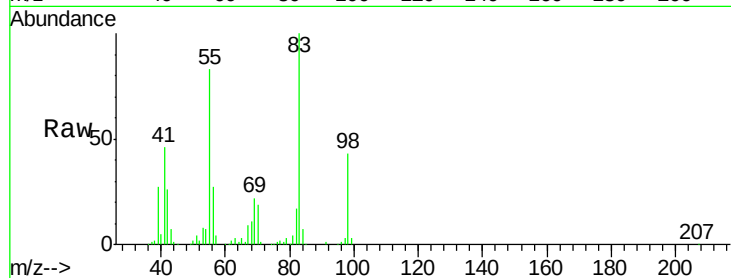
Tot Ion: 83 Resp: 171045

Ion Ratio Lower Upper

83 100

55 83.1 68.9 103.3

98 42.6 35.1 52.7



#40

Benzene

Concen: 41.343 ug/l

RT: 8.00 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VN062656.D

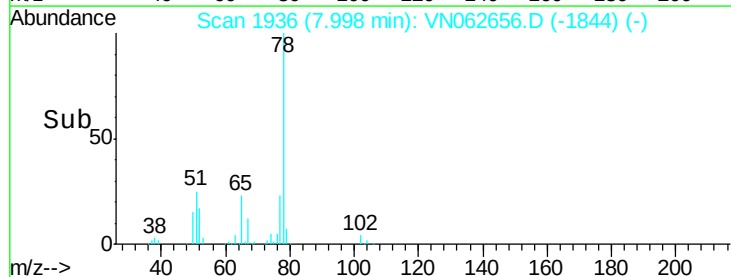
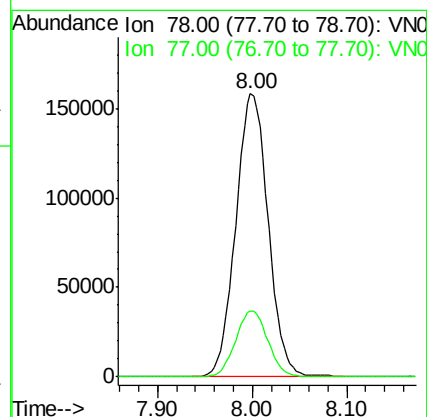
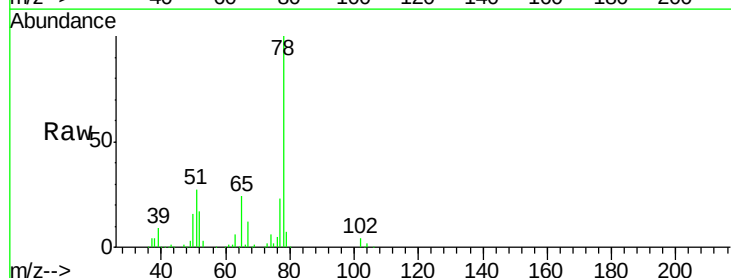
Acq: 29 Jul 2020 16:38

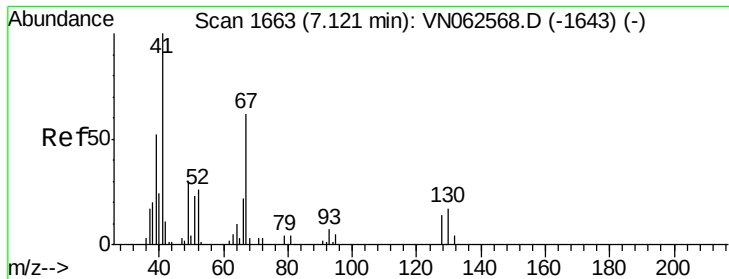
Tgt Ion: 78 Resp: 376640

Ion Ratio Lower Upper

78 100

77 23.4 18.7 28.1

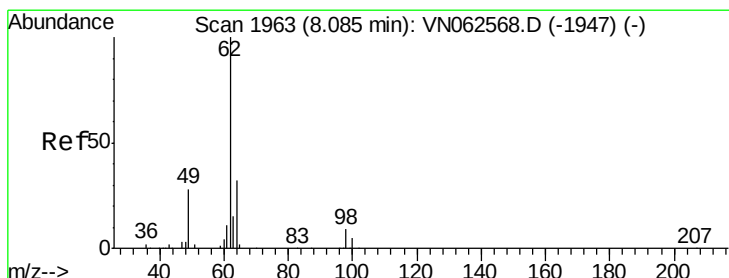
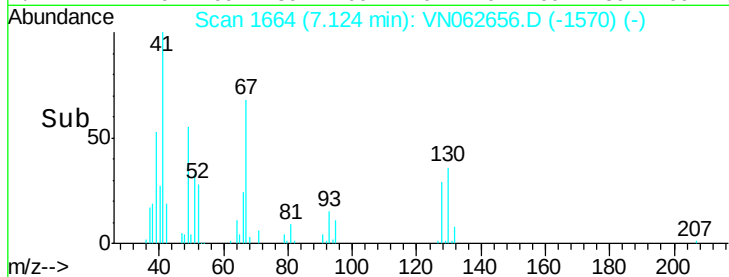
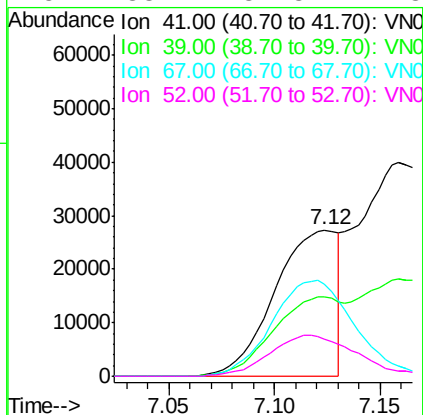
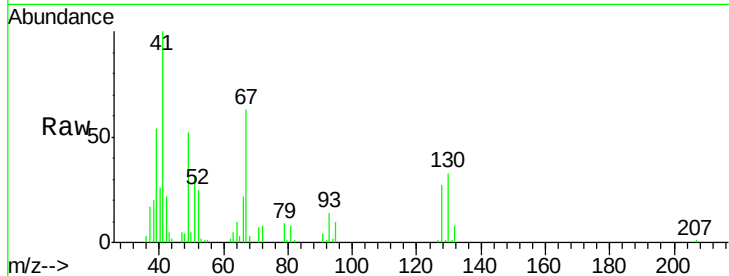




#41
Methacrylonitrile
Concen: 40.792 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. 0.00 min
Lab File: VN062656.D
Acq: 29 Jul 2020 16:38

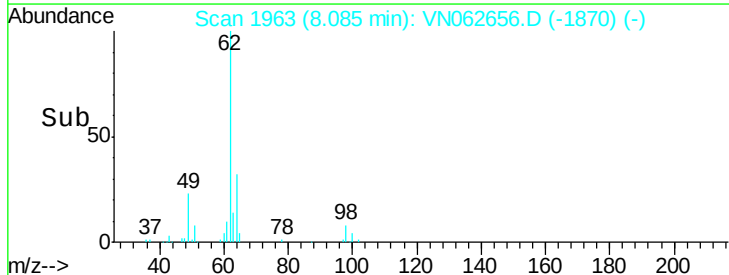
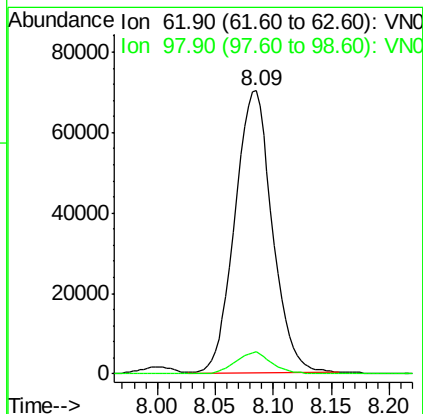
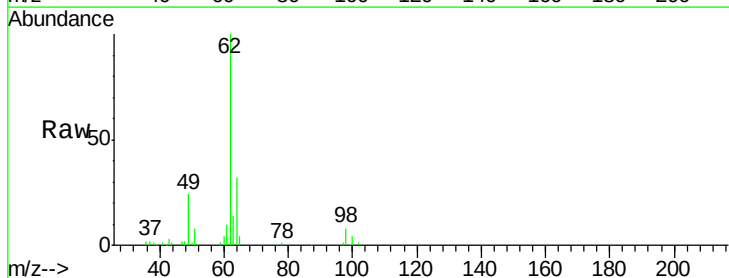
Instrument :
MSVOA_N
ClientSampled :

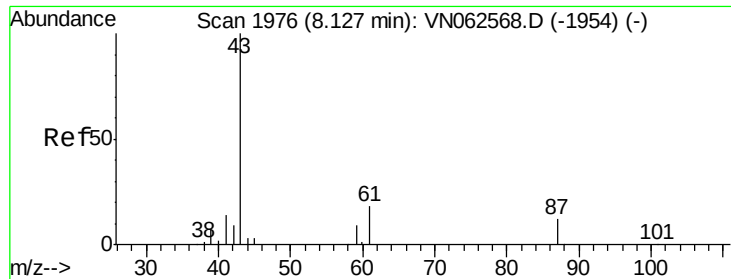
Tot Ion:	41	Resp:	56709
Ion	Ratio	Lower	Upper
41	100		
39	59.5	55.8	83.6
67	87.3	72.5	108.7
52	38.7	31.8	47.8



#42
1,2-Dichloroethane
Concen: 47.274 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062656.D
Acq: 29 Jul 2020 16:38

Tgt Ion:	62	Resp:	157449
Ion	Ratio	Lower	Upper
62	100		
98	7.5	0.0	16.2





#43

Isopropyl Acetate

Concen: 42.015 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN062656.D

Acq: 29 Jul 2020 16:38

Instrument :

MSVOA_N

ClientSampleId :

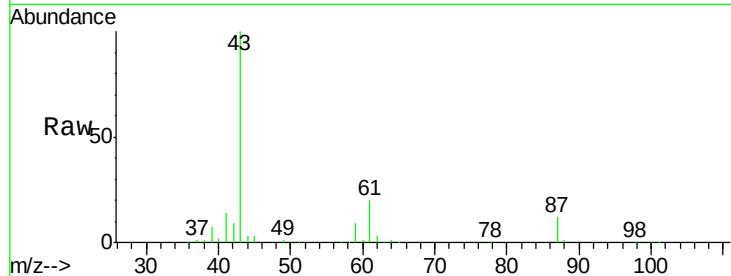
Tot Ion: 43 Resp: 219701

Ion Ratio Lower Upper

43 100

61 25.9 20.8 31.2

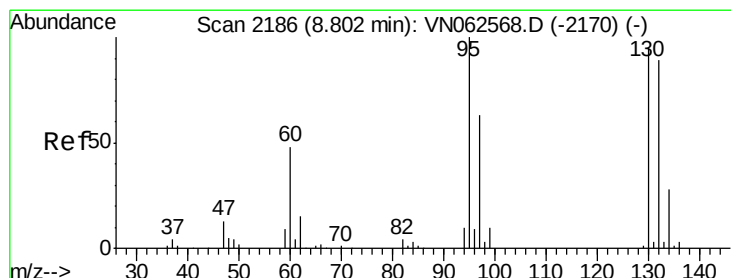
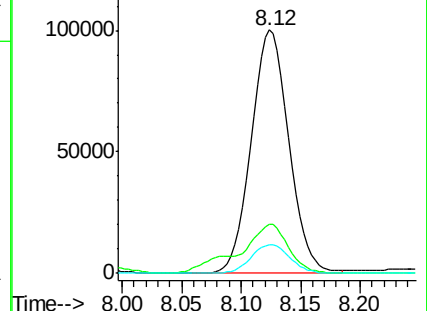
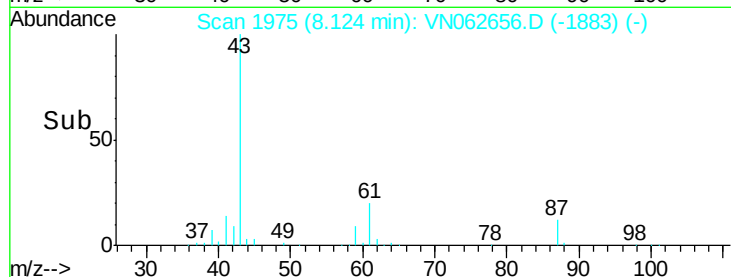
87 12.2 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VN062568.D (-1954) (-)

Ion 61.00 (60.70 to 61.70): VN062568.D (-1954) (-)

Ion 87.00 (86.70 to 87.70): VN062568.D (-1954) (-)



#44

Trichloroethene

Concen: 48.381 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN062656.D

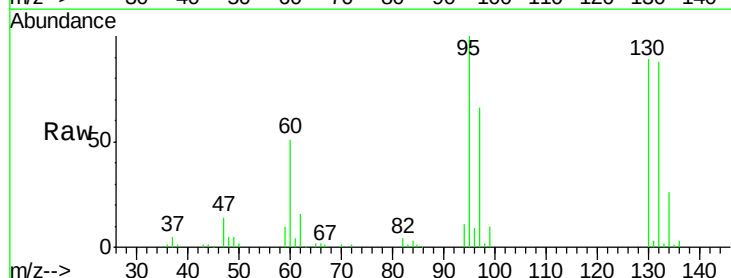
Acq: 29 Jul 2020 16:38

Tgt Ion:130 Resp: 99397

Ion Ratio Lower Upper

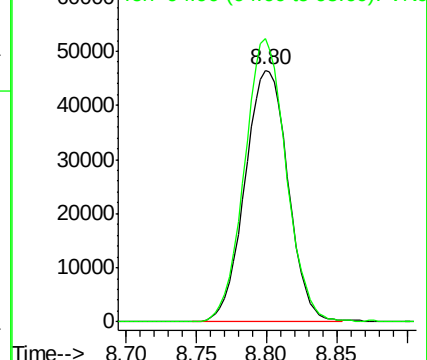
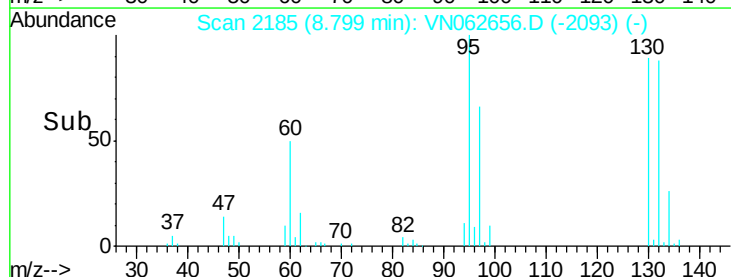
130 100

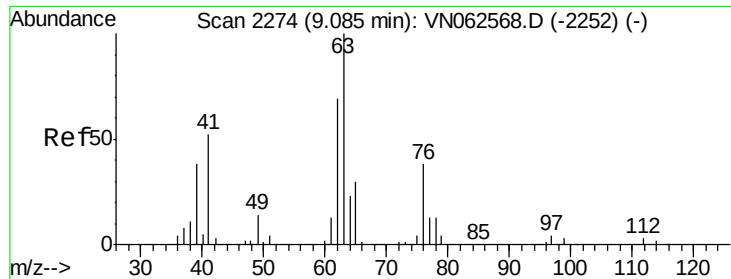
95 112.5 0.0 210.4



Abundance Ion 129.80 (129.50 to 130.50): VN062568.D (-2170) (-)

Ion 94.90 (94.60 to 95.60): VN062568.D (-2170) (-)

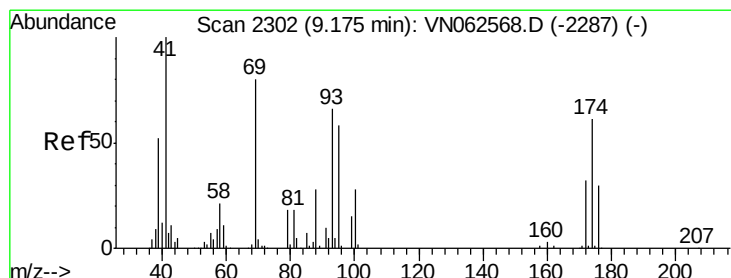
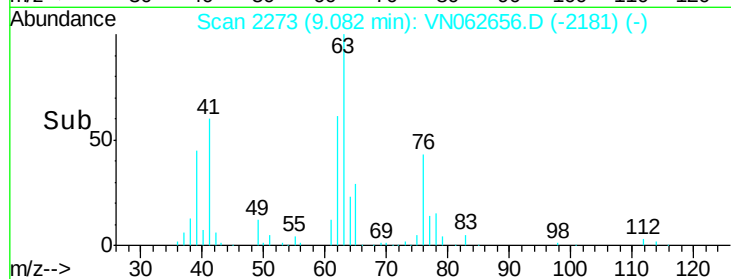
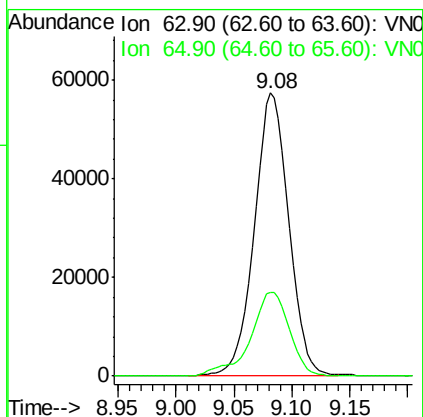
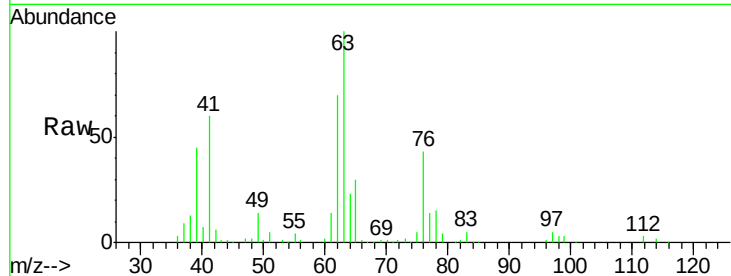




#45
 1,2-Dichloropropane
 Concen: 46.520 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN062656.D
 Acq: 29 Jul 2020 16:38

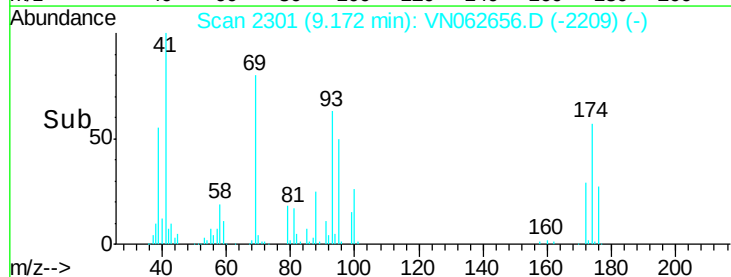
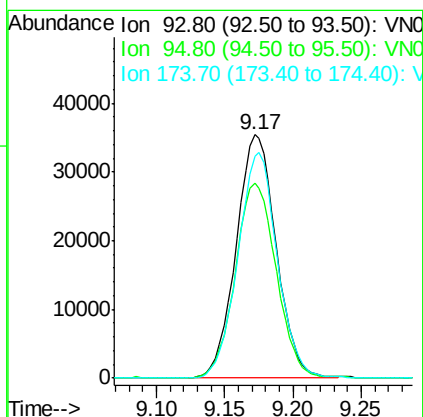
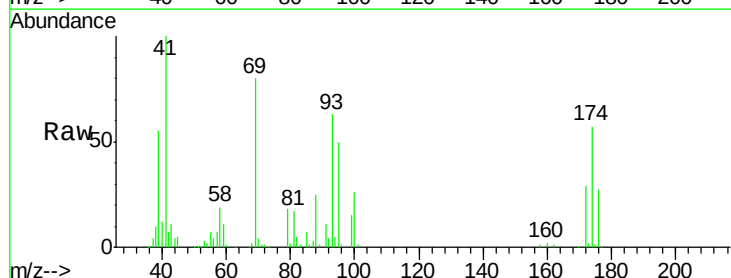
Instrument :
 MSVOA_N
 ClientSampleId :

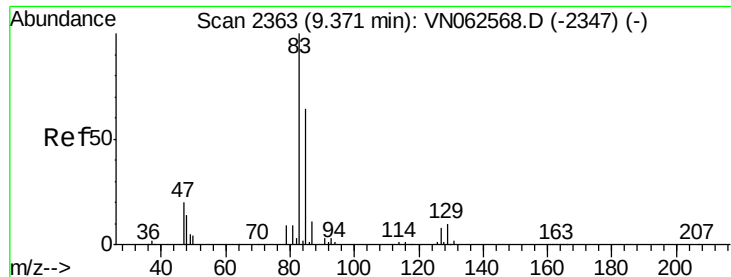
Tot Ion: 63 Resp: 118992
 Ion Ratio Lower Upper
 63 100
 65 29.7 24.4 36.6



#46
 Dibromomethane
 Concen: 48.840 ug/l
 RT: 9.17 min Scan# 2301
 Delta R.T. -0.00 min
 Lab File: VN062656.D
 Acq: 29 Jul 2020 16:38

Tgt Ion: 93 Resp: 72204
 Ion Ratio Lower Upper
 93 100
 95 81.8 67.6 101.4
 174 91.0 72.5 108.7





#47

Bromodichloromethane

Concen: 50.195 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN062656.D

Acq: 29 Jul 2020 16:38

Instrument :

MSVOA_N

ClientSampleId :

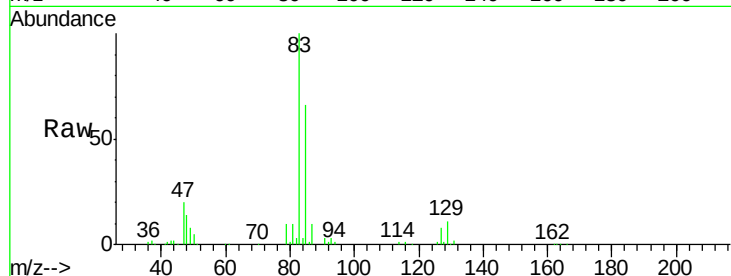
Tot Ion: 83 Resp: 160767

Ion Ratio Lower Upper

83 100

85 66.2 51.6 77.4

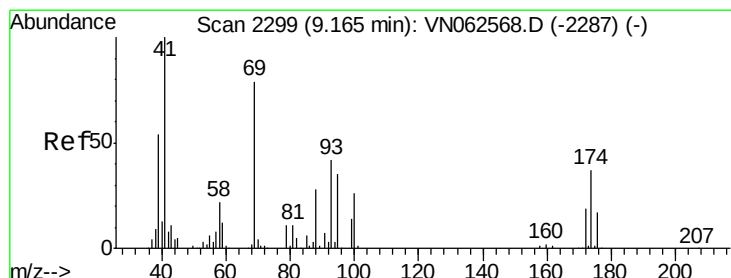
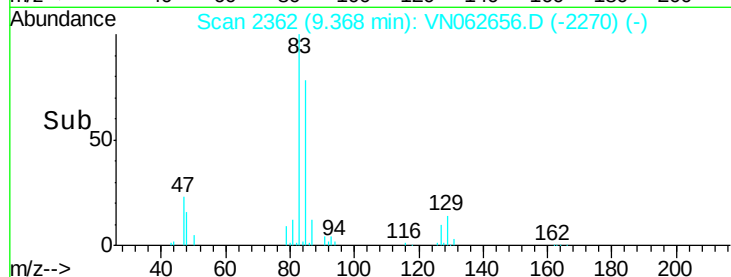
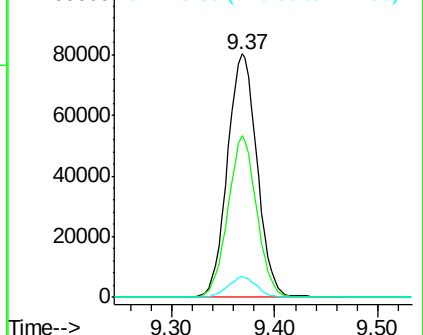
127 8.3 6.2 9.2



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: 48.250 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN062656.D

Acq: 29 Jul 2020 16:38

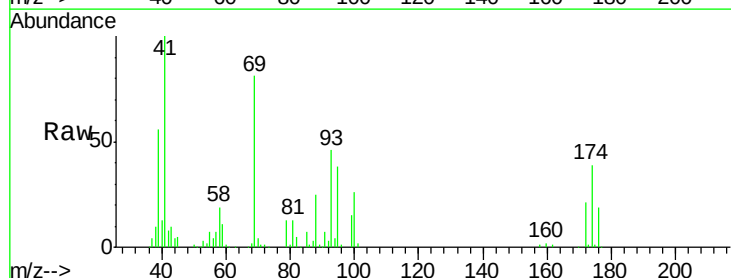
Tgt Ion: 41 Resp: 119938

Ion Ratio Lower Upper

41 100

69 81.8 64.4 96.6

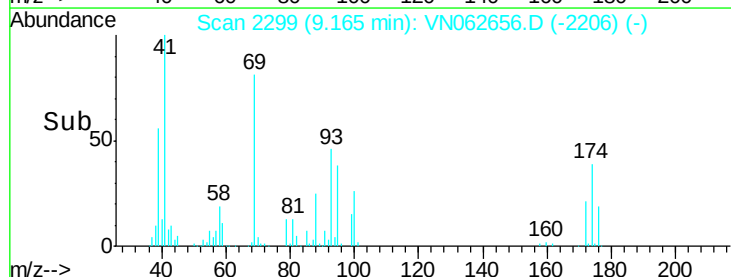
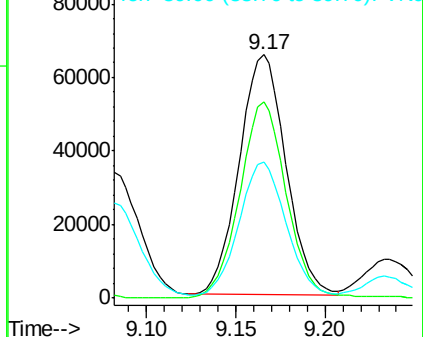
39 58.0 43.5 65.3

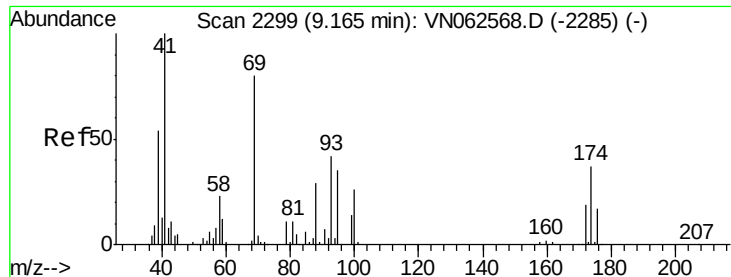


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

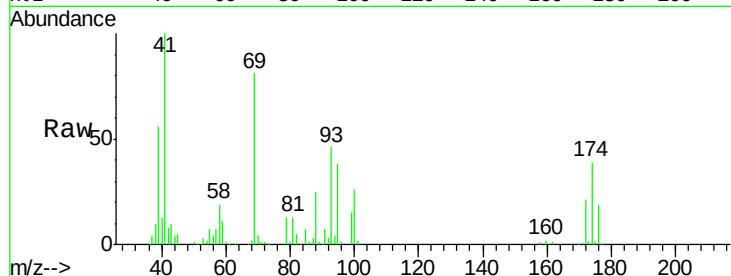




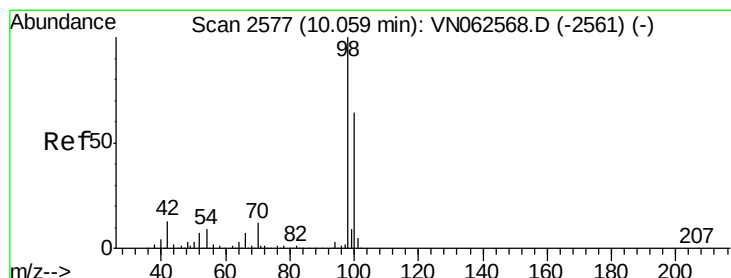
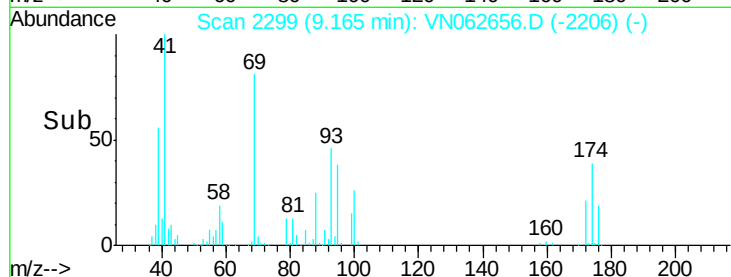
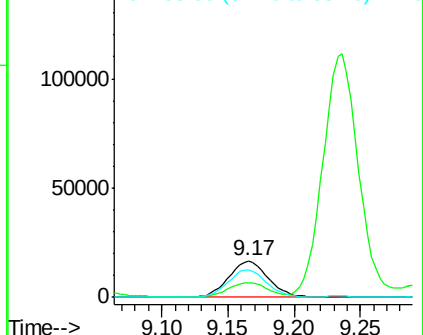
#49
 1,4-Dioxane
 Concen: 908.163 ug/l
 RT: 9.17 min Scan# 2299
 Delta R.T. -0.00 min
 Lab File: VN062656.D
 Acq: 29 Jul 2020 16:38

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 88 Resp: 34672
 Ion Ratio Lower Upper
 88 100
 43 38.6 32.0 48.0
 58 74.6 62.8 94.2

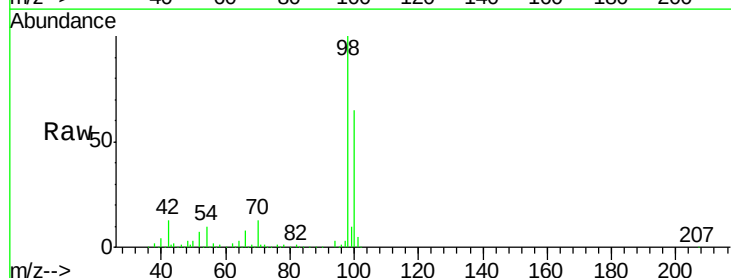


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

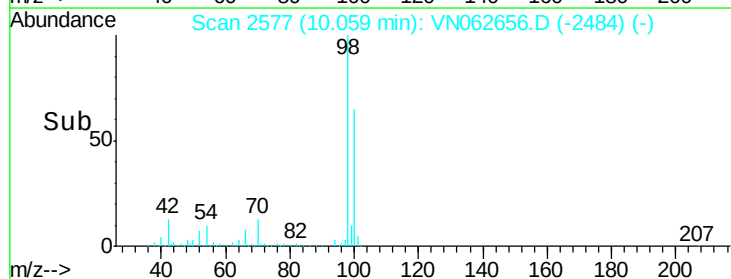
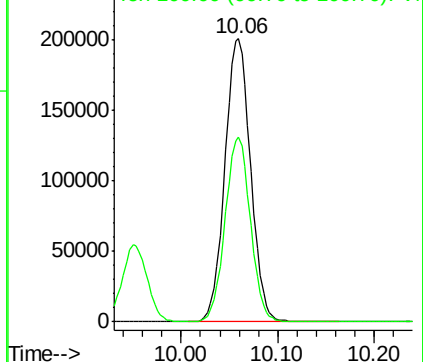


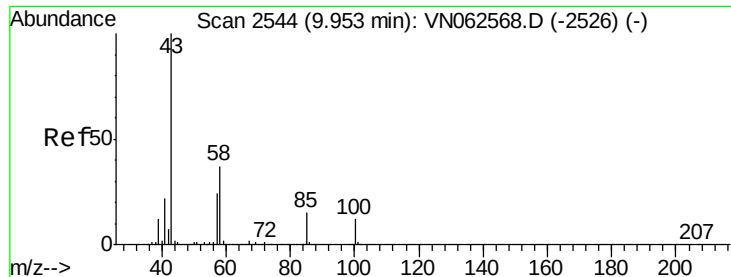
#50
 Toluene-d8
 Concen: 50.023 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. -0.00 min
 Lab File: VN062656.D
 Acq: 29 Jul 2020 16:38

Tgt Ion: 98 Resp: 370120
 Ion Ratio Lower Upper
 98 100
 100 64.2 50.9 76.3



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

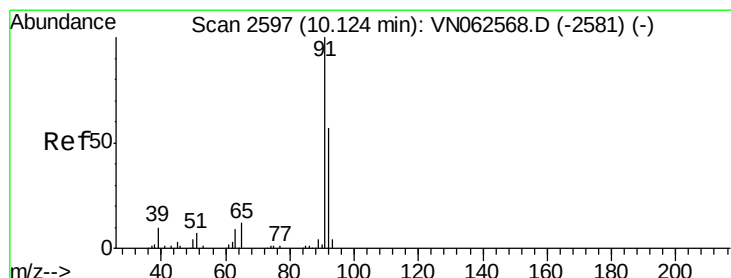
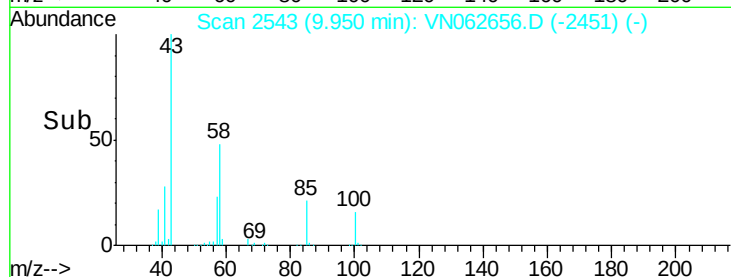
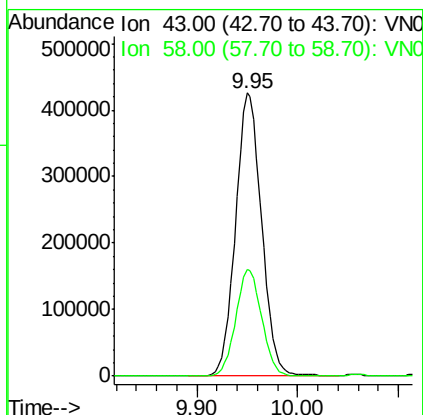
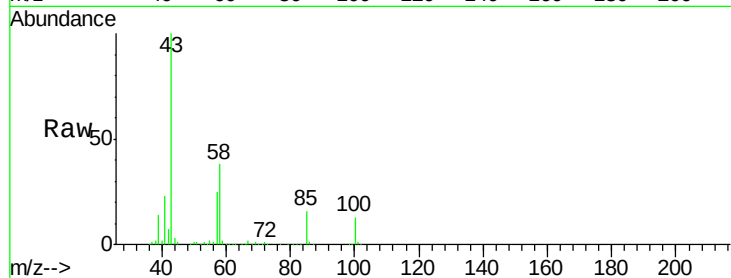




#51
4-Methyl-2-Pentanone
Concen: 242.972 ug/l
RT: 9.95 min Scan# 2543
Delta R.T. -0.00 min
Lab File: VN062656.D
Acq: 29 Jul 2020 16:38

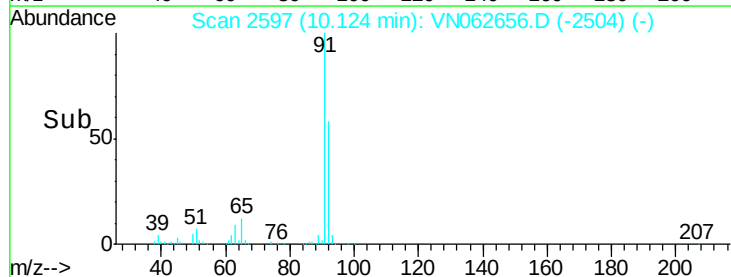
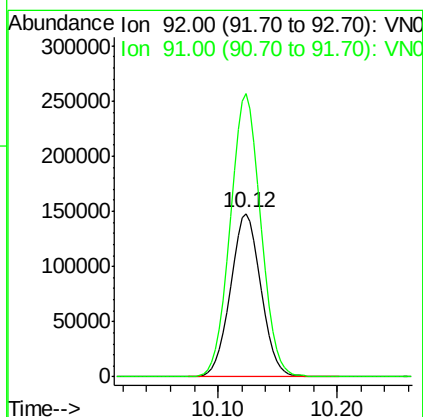
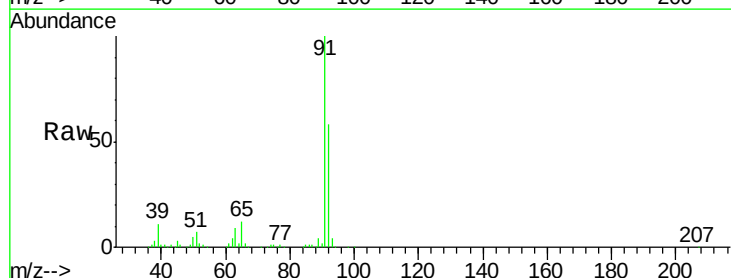
Instrument :
MSVOA_N
ClientSampled :

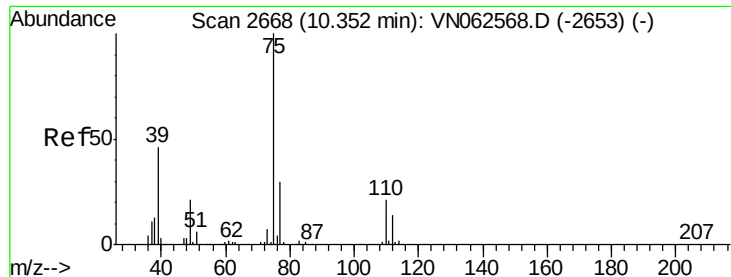
Tot Ion: 43 Resp: 760207
Ion Ratio Lower Upper
43 100
58 37.6 29.8 44.6



#52
Toluene
Concen: 49.612 ug/l
RT: 10.12 min Scan# 2597
Delta R.T. -0.00 min
Lab File: VN062656.D
Acq: 29 Jul 2020 16:38

Tgt Ion: 92 Resp: 262444
Ion Ratio Lower Upper
92 100
91 173.7 139.4 209.2





#53

t-1,3-Dichloropropene

Concen: 51.821 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062656.D

Acq: 29 Jul 2020 16:38

Instrument :

MSVOA_N

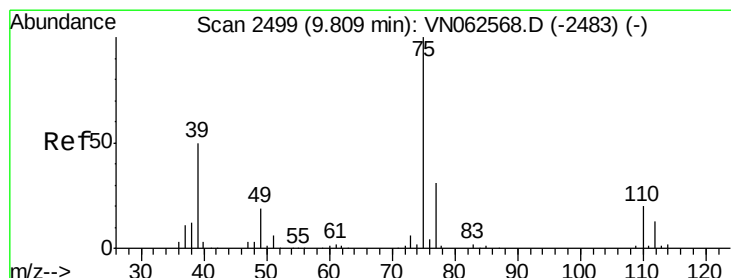
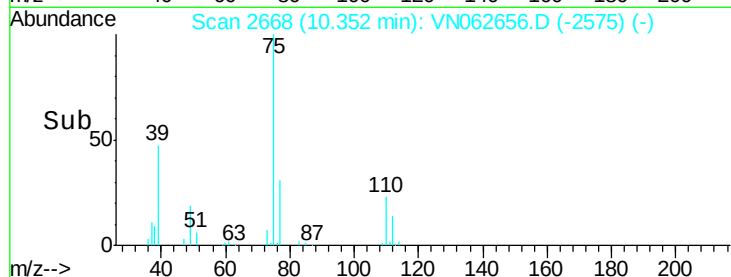
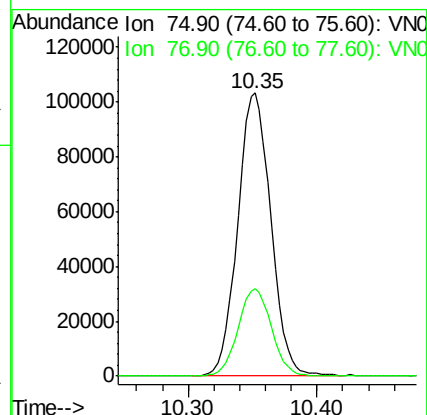
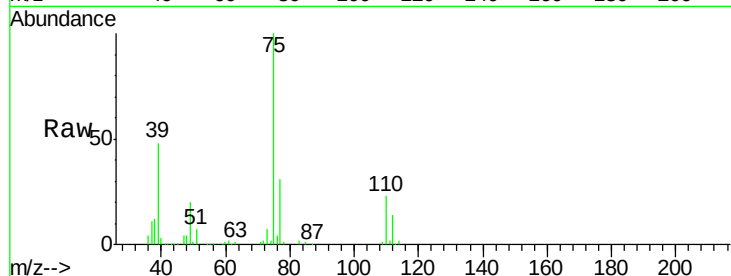
ClientSampled :

Tot Ion: 75 Resp: 184767

Ion Ratio Lower Upper

75 100

77 30.8 24.3 36.5



#54

cis-1,3-Dichloropropene

Concen: 50.689 ug/l

RT: 9.81 min Scan# 2498

Delta R.T. -0.00 min

Lab File: VN062656.D

Acq: 29 Jul 2020 16:38

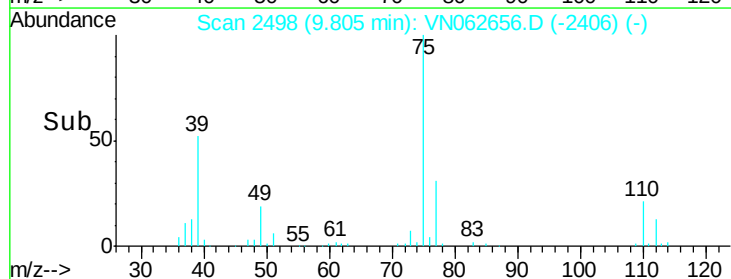
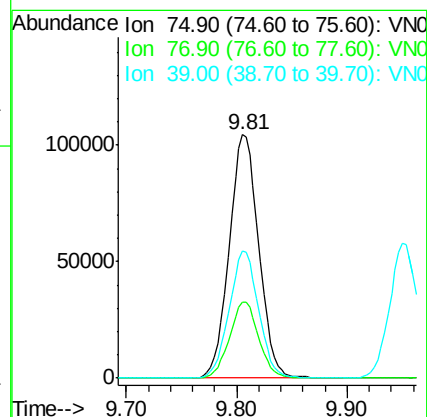
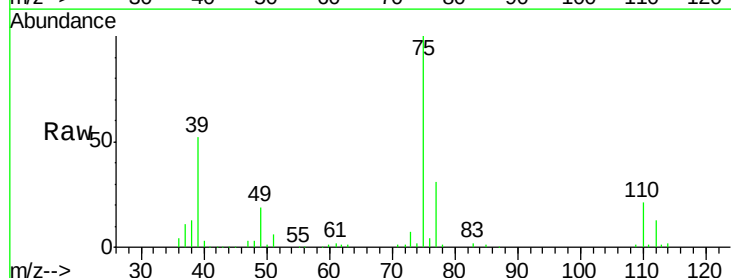
Tgt Ion: 75 Resp: 193927

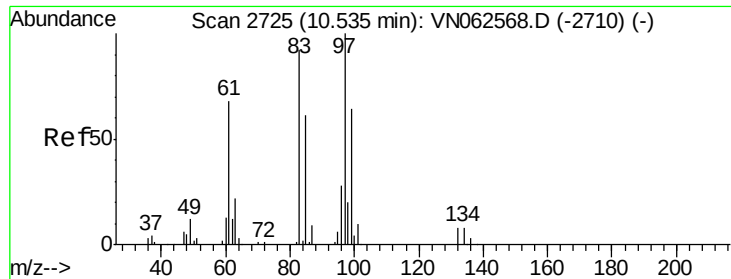
Ion Ratio Lower Upper

75 100

77 31.3 25.0 37.6

39 52.1 39.8 59.8

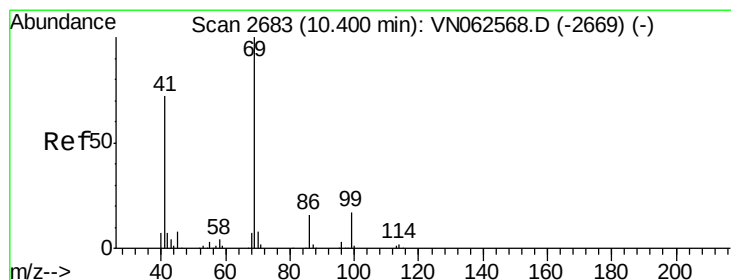
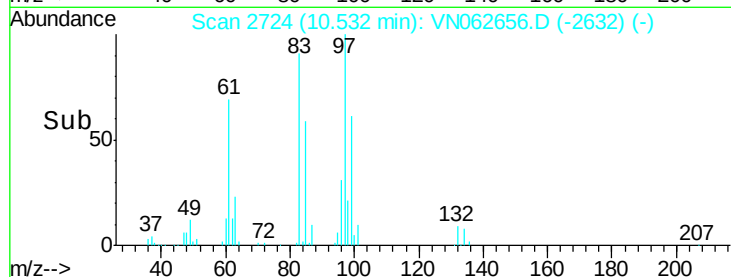
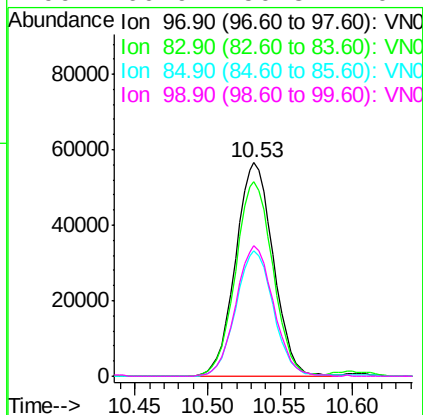
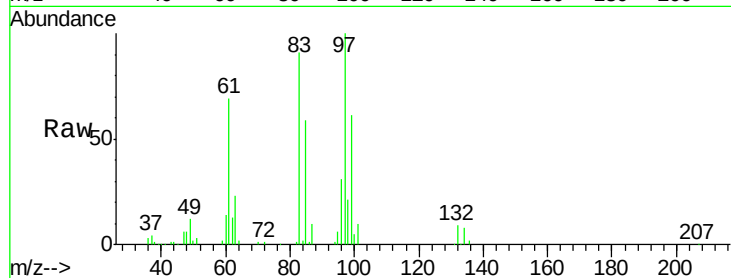




#55
 1,1,2-Trichloroethane
 Concen: 49.877 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062656.D
 Acq: 29 Jul 2020 16:38

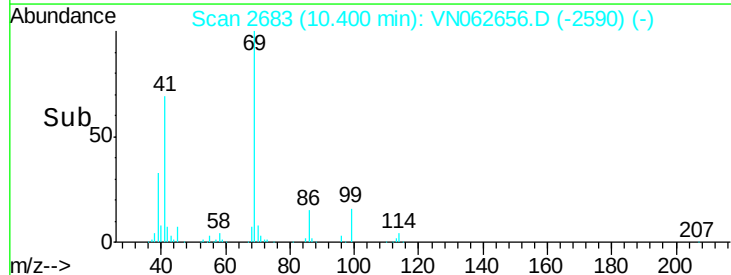
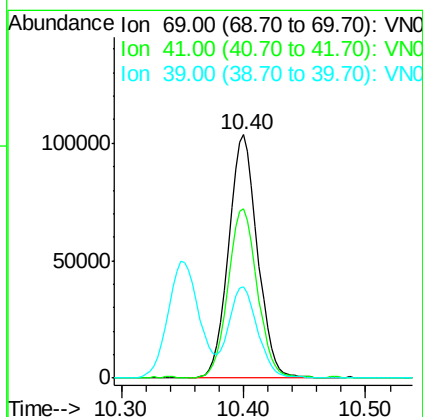
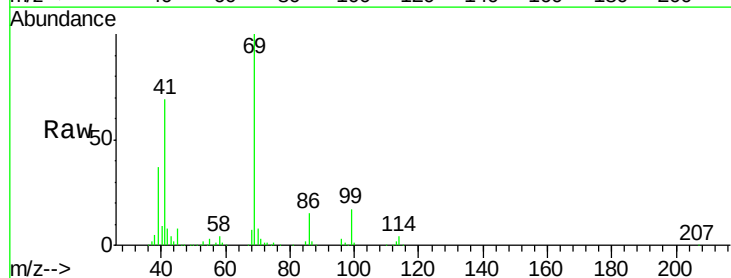
Instrument :
 MSVOA_N
 ClientSampleId :

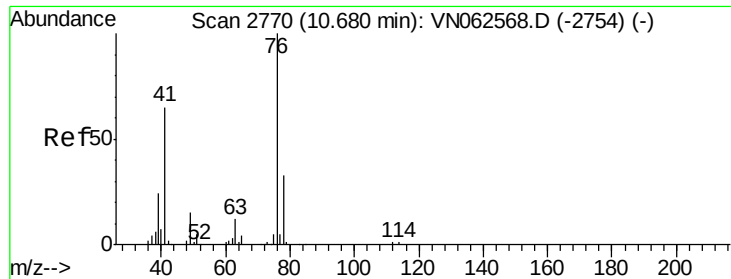
Tot Ion:	97	Resp:	102344
Ion	Ratio	Lower	Upper
97	100		
83	91.3	73.7	110.5
85	58.6	48.5	72.7
99	60.9	50.8	76.2



#56
 Ethyl methacrylate
 Concen: 46.676 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN062656.D
 Acq: 29 Jul 2020 16:38

Tgt Ion:	69	Resp:	171528
Ion	Ratio	Lower	Upper
69	100		
41	70.0	57.2	85.8
39	37.1	28.6	43.0

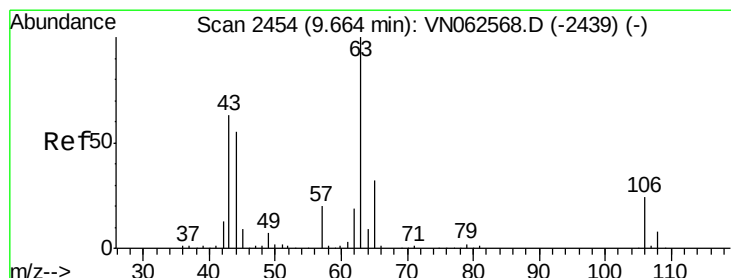
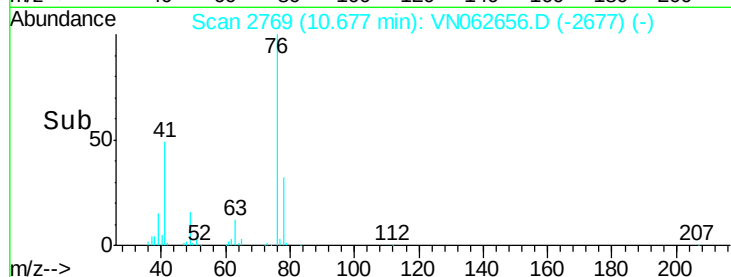
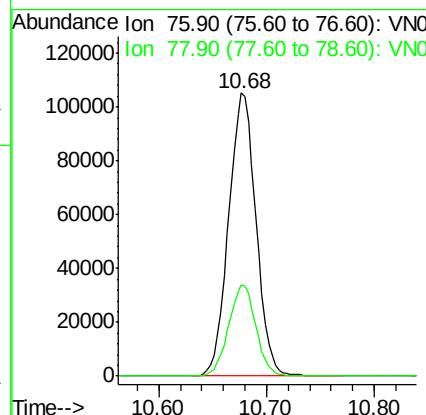
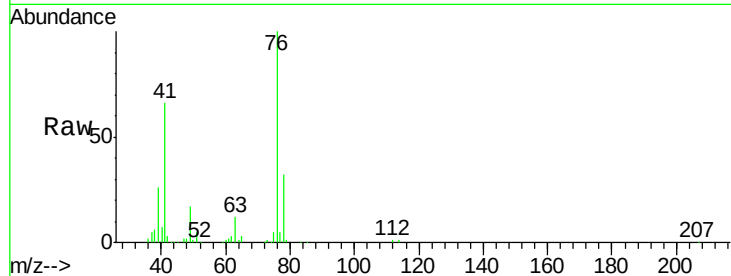




#57
 1,3-Dichloropropane
 Concen: 49.560 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN062656.D
 Acq: 29 Jul 2020 16:38

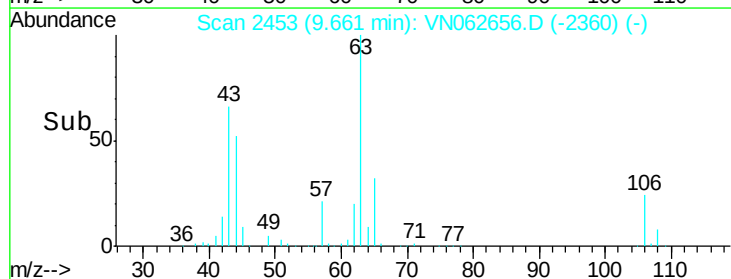
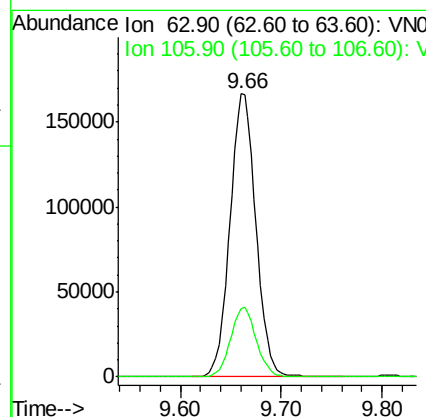
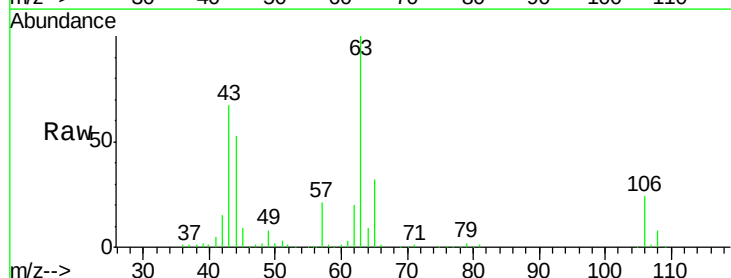
Instrument :
 MSVOA_N
 ClientSampled :

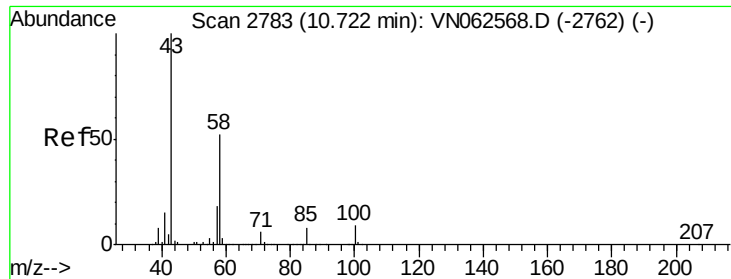
Tot Ion: 76 Resp: 186306
 Ion Ratio Lower Upper
 76 100
 78 32.2 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 267.259 ug/l
 RT: 9.66 min Scan# 2453
 Delta R.T. -0.00 min
 Lab File: VN062656.D
 Acq: 29 Jul 2020 16:38

Tgt Ion: 63 Resp: 298128
 Ion Ratio Lower Upper
 63 100
 106 24.4 18.9 28.3

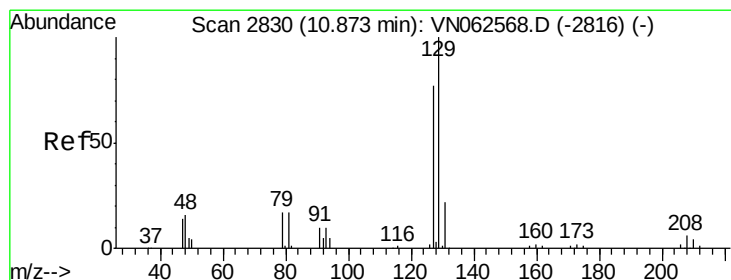
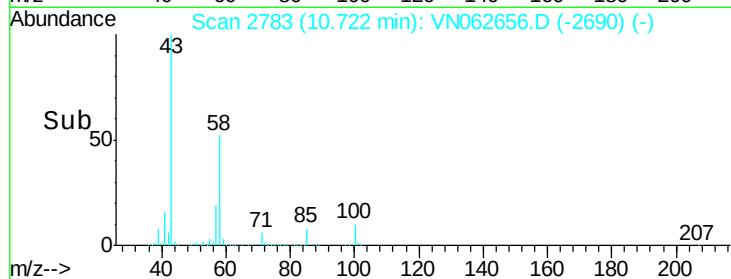
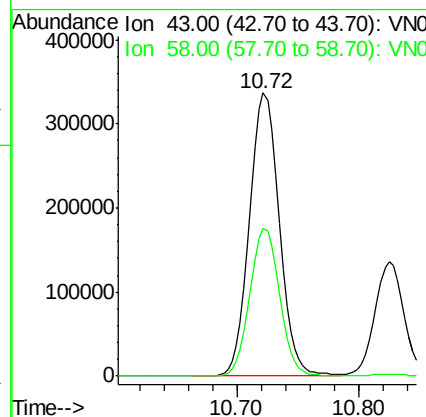
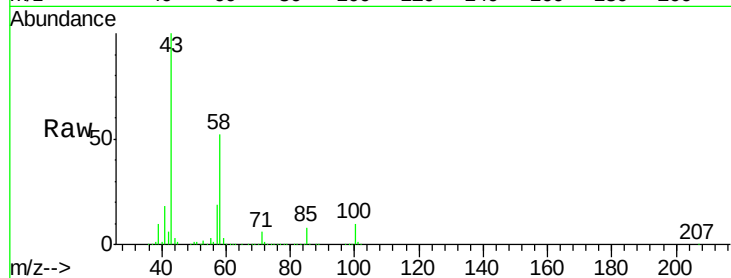




#59
2-Hexanone
Concen: 234.260 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN062656.D
Acq: 29 Jul 2020 16:38

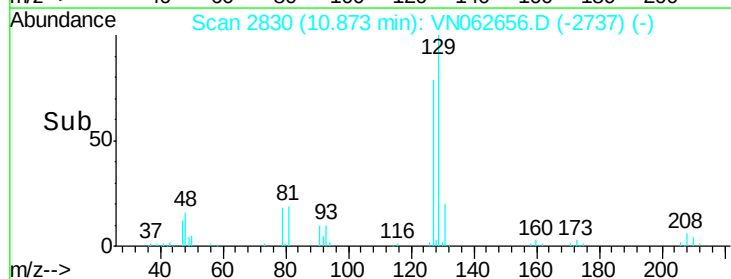
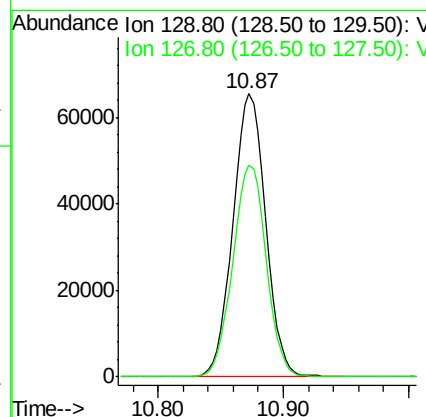
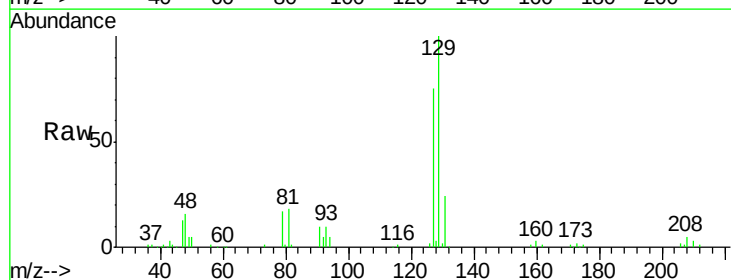
Instrument :
MSVOA_N
ClientSampleId :

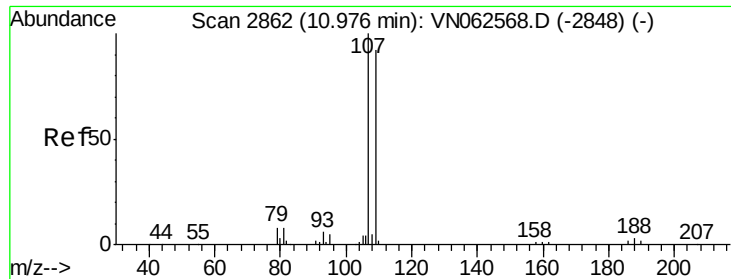
Tot Ion: 43 Resp: 566384
Ion Ratio Lower Upper
43 100
58 52.2 26.0 78.0



#60
Dibromochloromethane
Concen: 51.812 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062656.D
Acq: 29 Jul 2020 16:38

Tgt Ion: 129 Resp: 118602
Ion Ratio Lower Upper
129 100
127 76.4 38.0 113.9

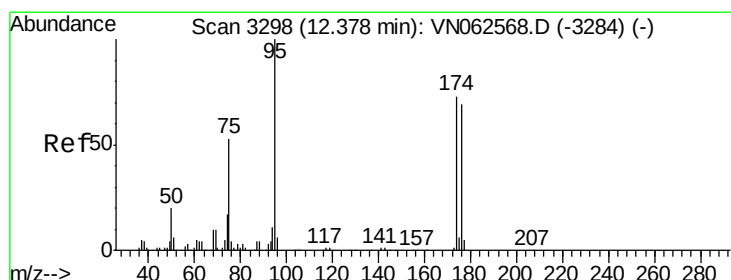
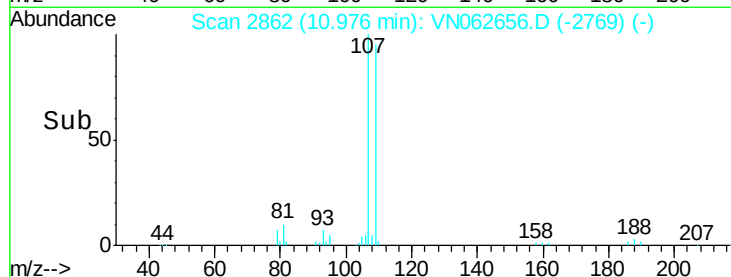
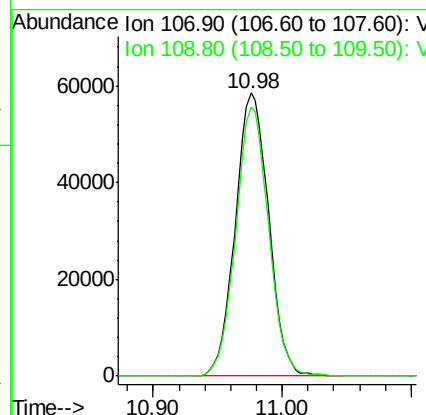
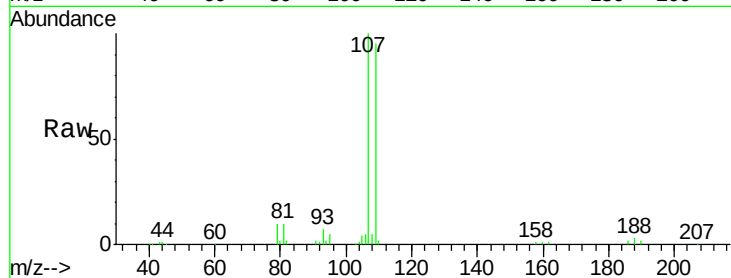




#61
 1,2-Dibromoethane
 Concen: 49.114 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN062656.D
 Acq: 29 Jul 2020 16:38

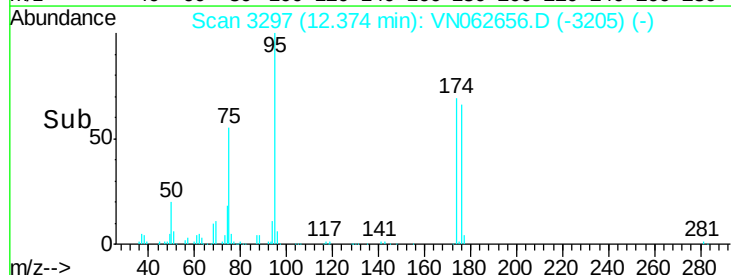
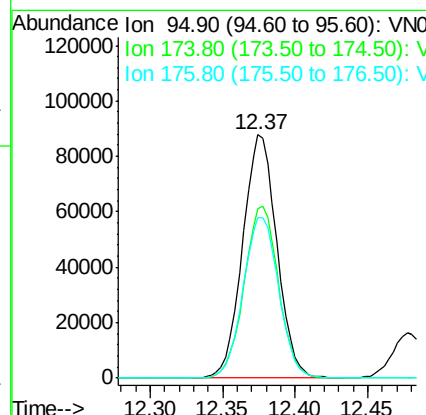
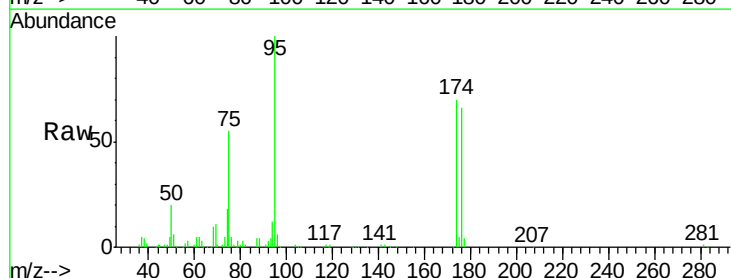
Instrument :
 MSVOA_N
 ClientSampleId :

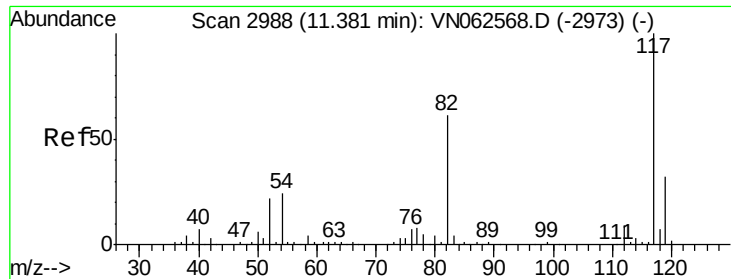
Tot Ion:107 Resp: 104939
 Ion Ratio Lower Upper
 107 100
 109 94.0 73.8 110.6



#62
 4-Bromofluorobenzene
 Concen: 53.223 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN062656.D
 Acq: 29 Jul 2020 16:38

Tgt Ion: 95 Resp: 143987
 Ion Ratio Lower Upper
 95 100
 174 71.1 0.0 144.6
 176 68.7 0.0 139.4

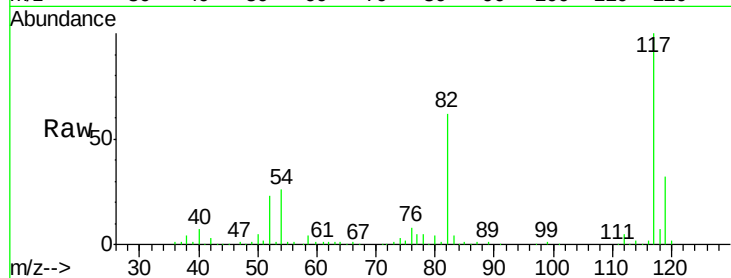




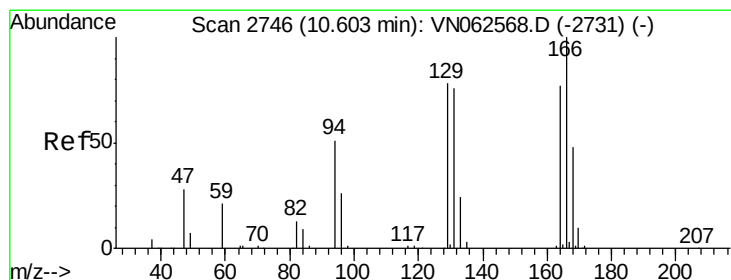
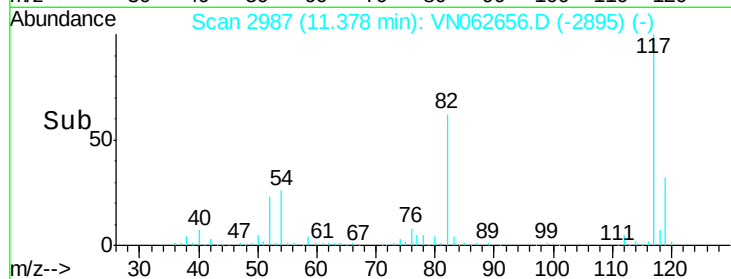
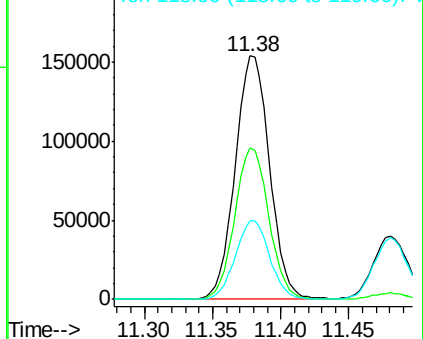
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2987
Delta R.T. -0.00 min
Lab File: VN062656.D
Acq: 29 Jul 2020 16:38

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 269668
Ion Ratio Lower Upper
117 100
82 62.2 49.0 73.6
119 32.3 25.4 38.2

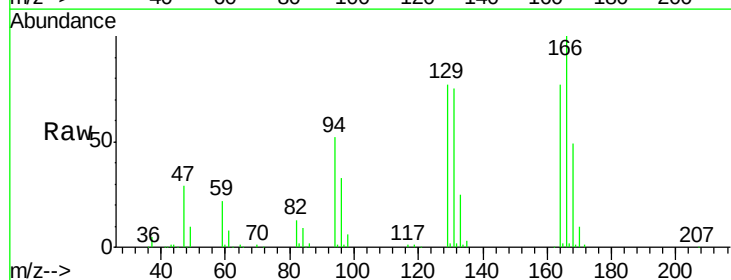


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

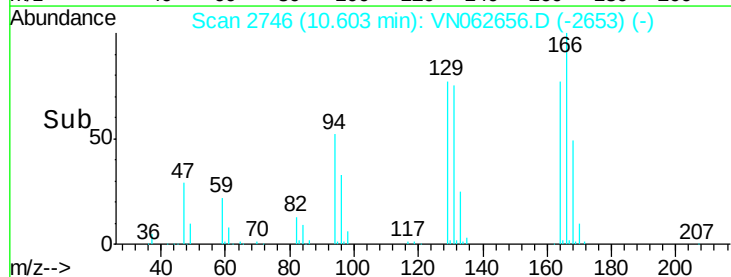
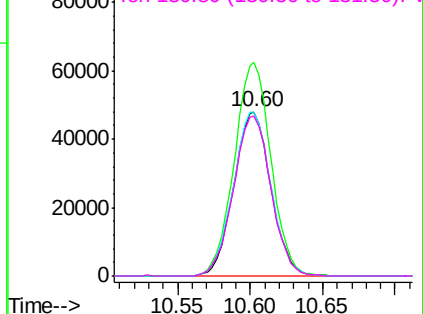


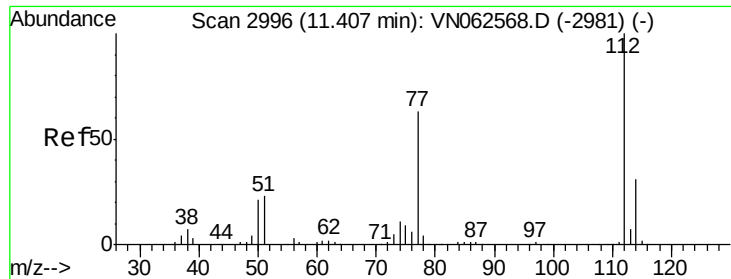
#64
Tetrachloroethene
Concen: 48.576 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062656.D
Acq: 29 Jul 2020 16:38

Tgt Ion:164 Resp: 85111
Ion Ratio Lower Upper
164 100
166 129.9 104.4 156.6
129 99.4 81.0 121.4
131 97.0 79.4 119.2



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

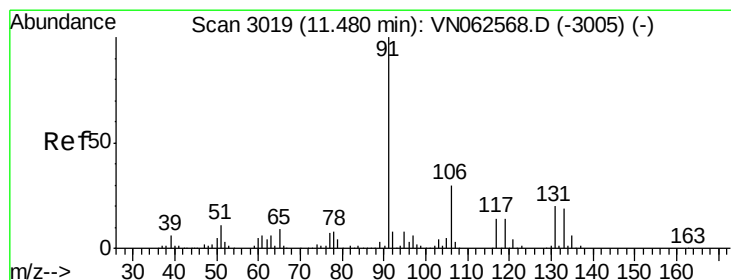
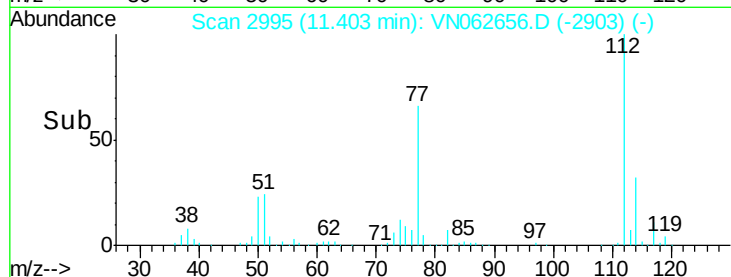
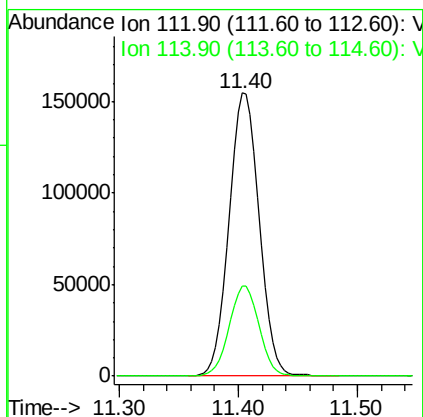
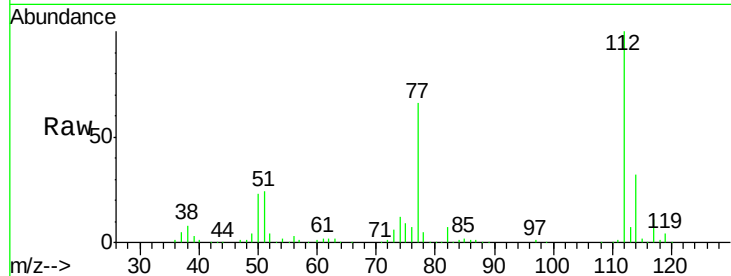




#65
Chlorobenzene
Concen: 48.162 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN062656.D
Acq: 29 Jul 2020 16:38

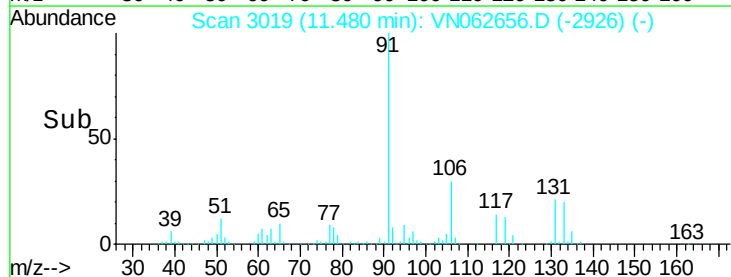
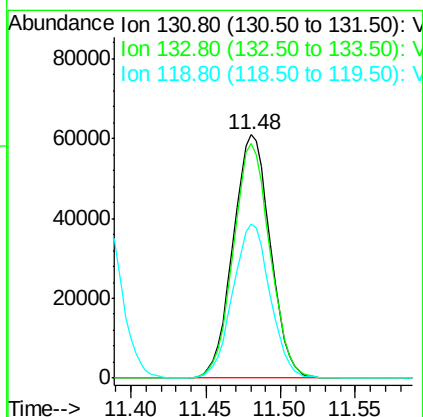
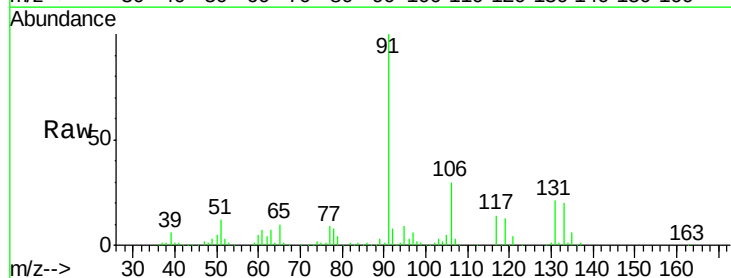
Instrument :
MSVOA_N
ClientSampled :

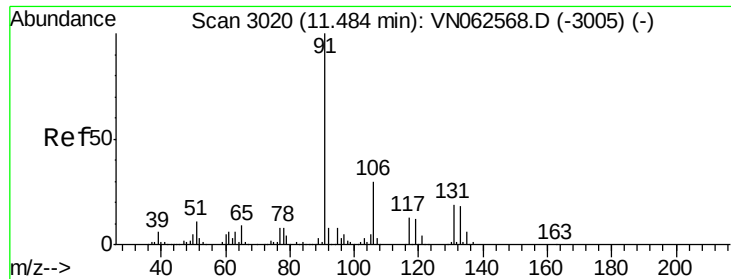
Tot Ion:112 Resp: 272278
Ion Ratio Lower Upper
112 100
114 31.7 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 49.745 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062656.D
Acq: 29 Jul 2020 16:38

Tgt Ion:131 Resp: 105797
Ion Ratio Lower Upper
131 100
133 94.7 47.3 142.0
119 63.4 33.7 101.0





#67

Ethyl Benzene

Concen: 49.704 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. -0.00 min

Lab File: VN062656.D

Acq: 29 Jul 2020 16:38

Instrument :

MSVOA_N

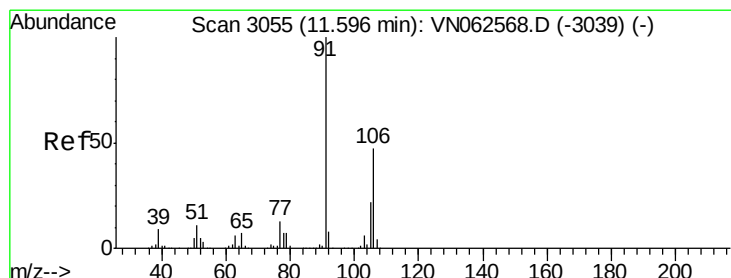
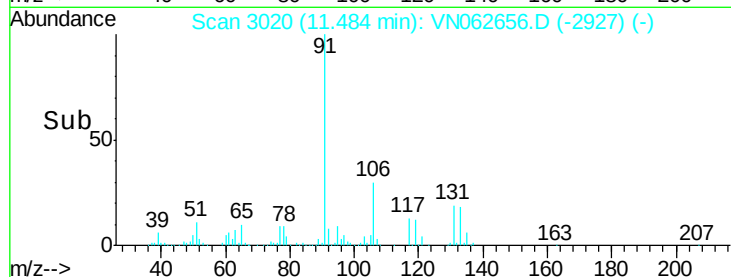
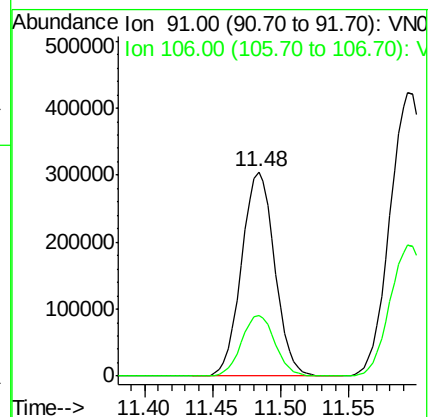
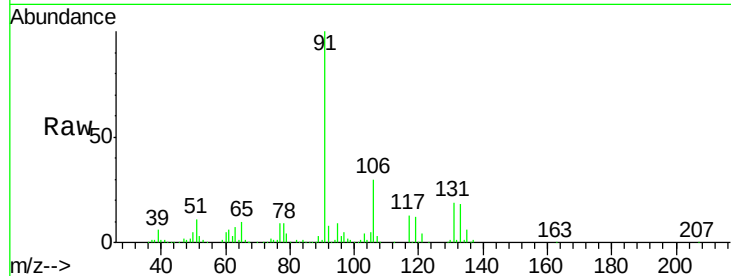
ClientSampleId :

Tot Ion: 91 Resp: 515213

Ion Ratio Lower Upper

91 100

106 29.9 23.8 35.8



#68

m/p-Xylenes

Concen: 101.952 ug/l

RT: 11.59 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN062656.D

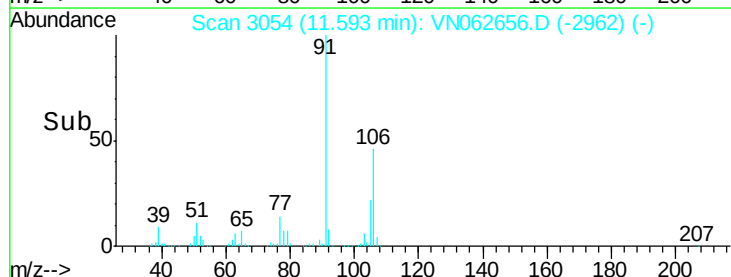
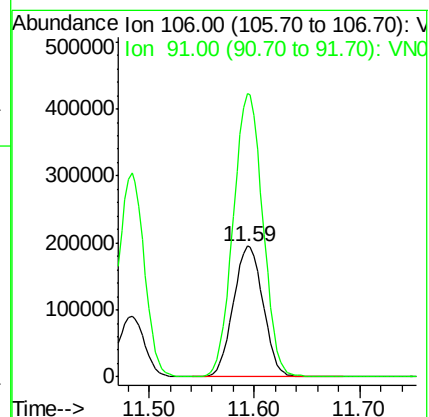
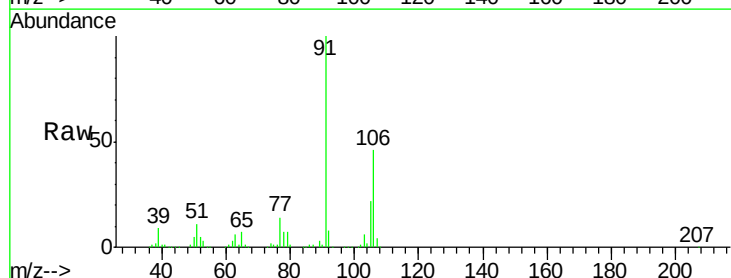
Acq: 29 Jul 2020 16:38

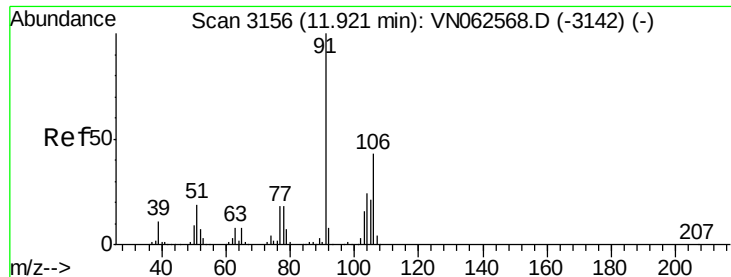
Tgt Ion: 106 Resp: 379841

Ion Ratio Lower Upper

106 100

91 216.0 171.4 257.2

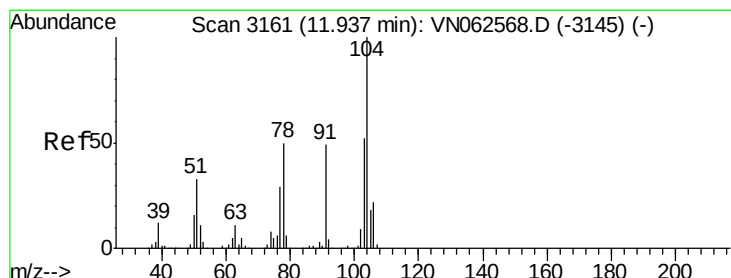
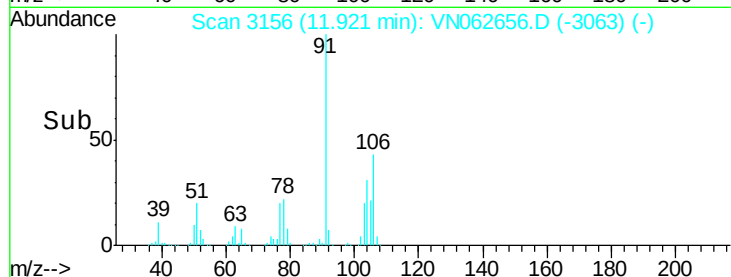
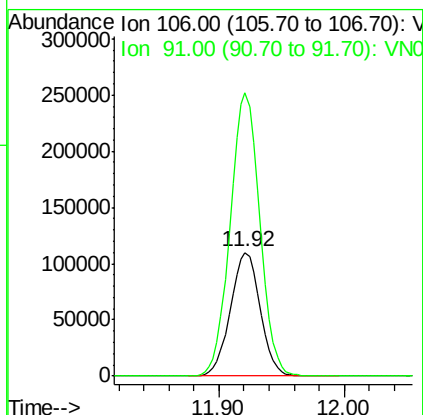
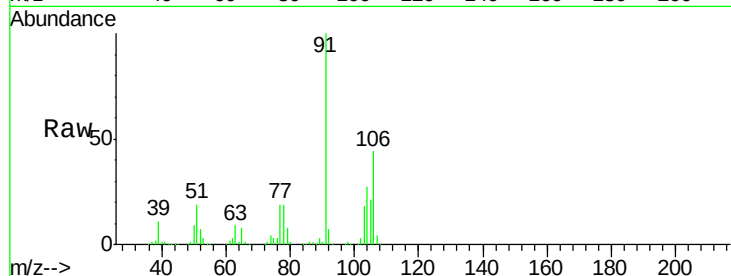




#69
o-Xylene
Concen: 51.096 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062656.D
Acq: 29 Jul 2020 16:38

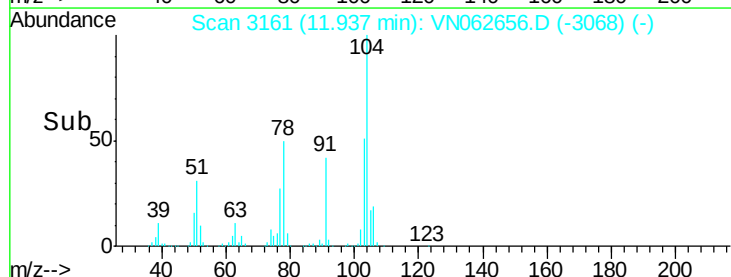
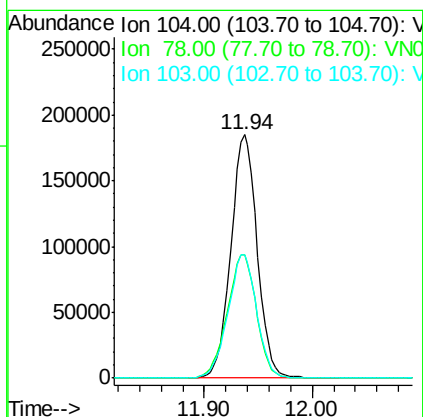
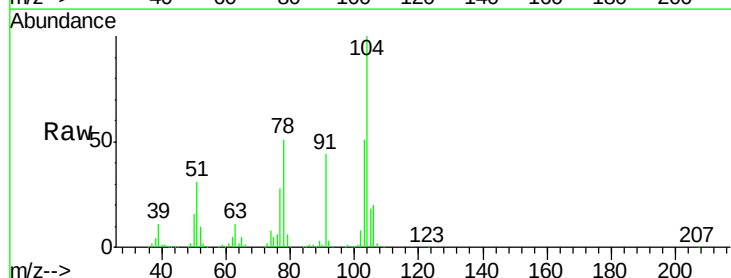
Instrument :
MSVOA_N
ClientSampled :

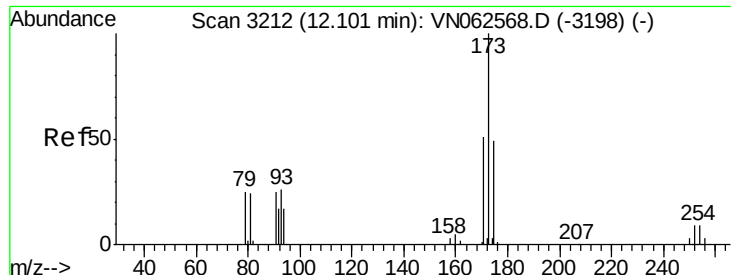
Tot Ion:106 Resp: 180773
Ion Ratio Lower Upper
106 100
91 228.1 113.8 341.2



#70
Styrene
Concen: 52.750 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062656.D
Acq: 29 Jul 2020 16:38

Tgt Ion:104 Resp: 315253
Ion Ratio Lower Upper
104 100
78 55.9 43.8 65.6
103 55.2 44.0 66.0





#71

Bromoform

Concen: 50.900 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062656.D

Acq: 29 Jul 2020 16:38

Instrument :

MSVOA_N

ClientSampled :

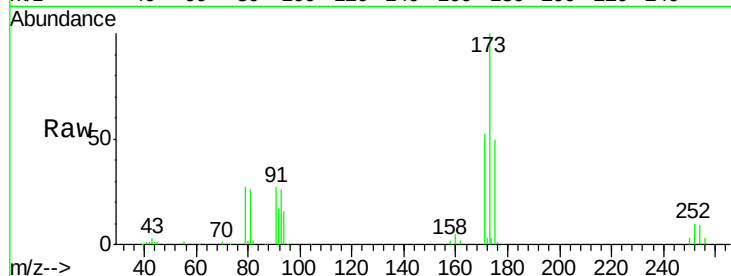
Tot Ion:173 Resp: 81280

Ion Ratio Lower Upper

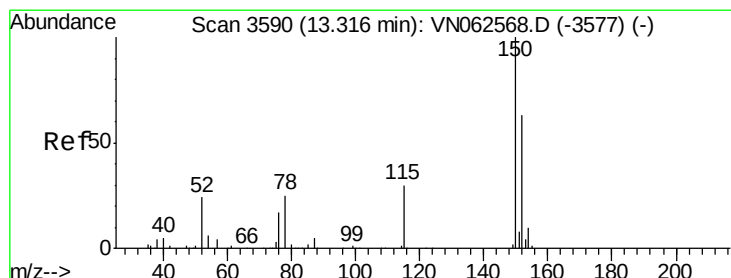
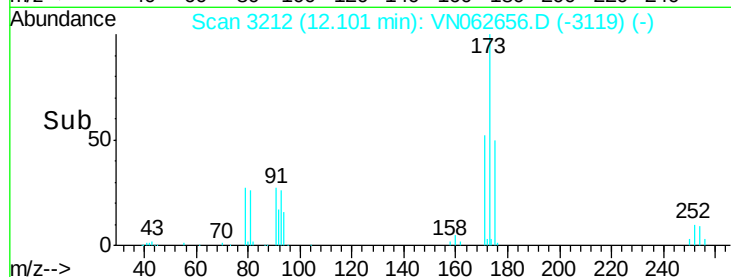
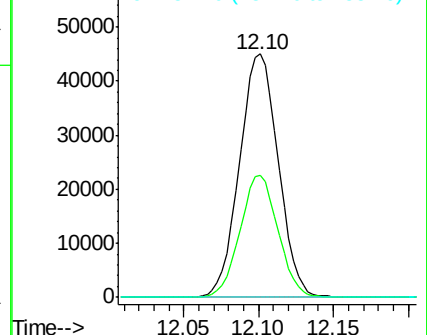
173 100

175 49.0 24.1 72.2

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3590

Delta R.T. -0.00 min

Lab File: VN062656.D

Acq: 29 Jul 2020 16:38

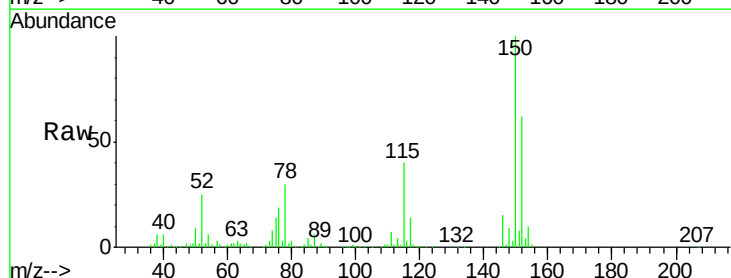
Tgt Ion:152 Resp: 131950

Ion Ratio Lower Upper

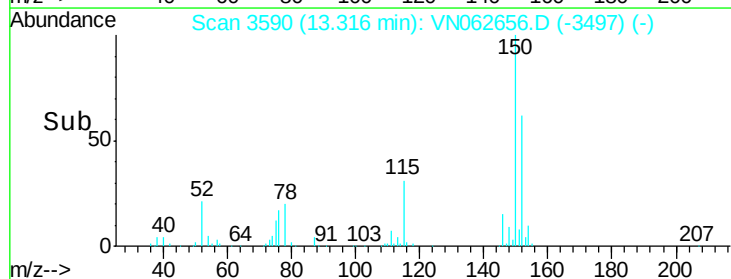
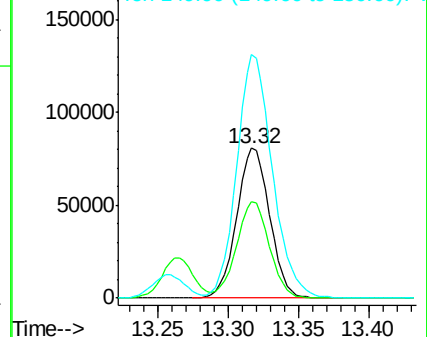
152 100

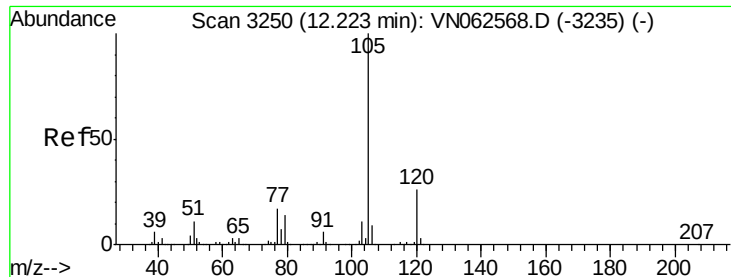
115 64.4 31.8 95.4

150 175.8 0.0 351.4



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





#73

Isopropylbenzene

Concen: 48.223 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062656.D

Acq: 29 Jul 2020 16:38

Instrument :

MSVOA_N

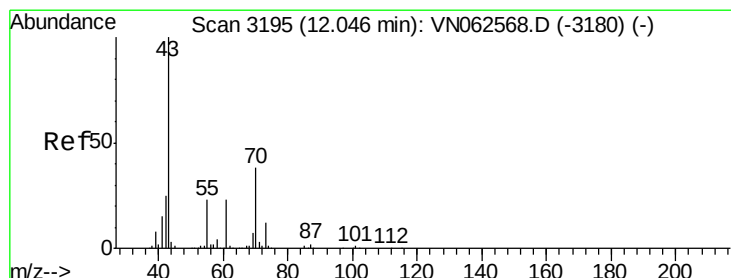
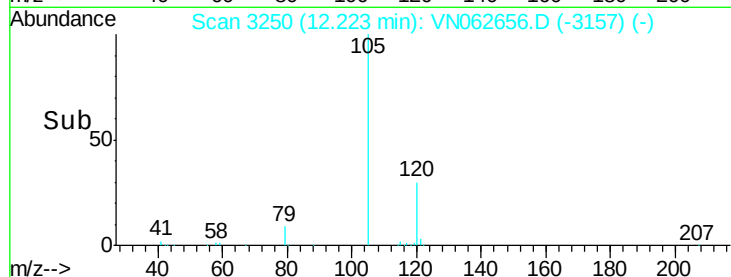
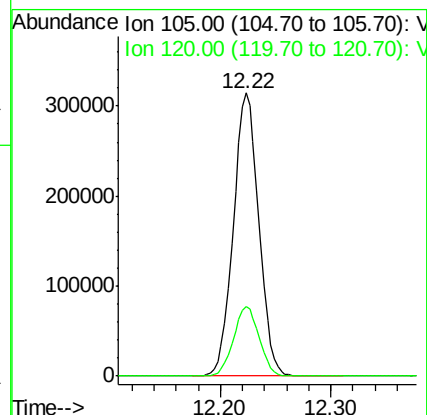
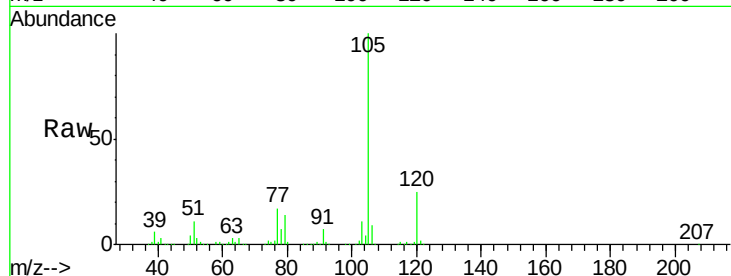
ClientSampleId :

Tot Ion:105 Resp: 503132

Ion Ratio Lower Upper

105 100

120 24.8 12.8 38.4



#74

N-ethyl acetate

Concen: 48.496 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN062656.D

Acq: 29 Jul 2020 16:38

Tgt Ion: 43 Resp: 225961

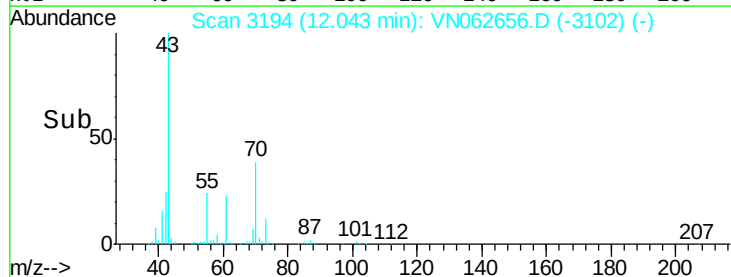
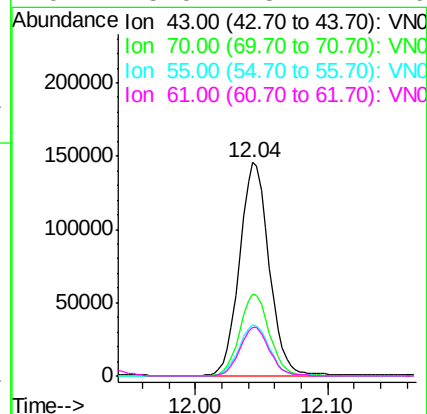
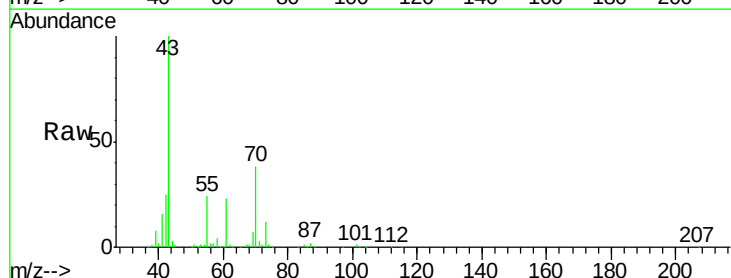
Ion Ratio Lower Upper

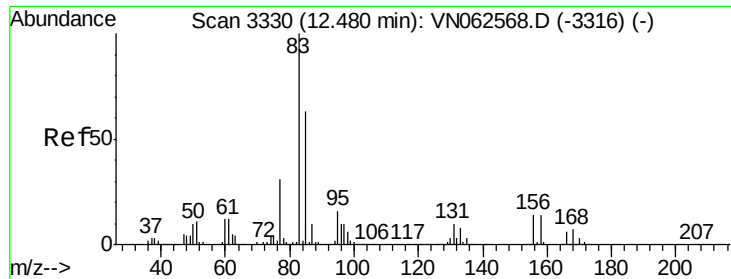
43 100

70 38.8 30.5 45.7

55 24.8 19.0 28.6

61 23.0 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 42.813 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062656.D

Acq: 29 Jul 2020 16:38

Instrument :

MSVOA_N

ClientSampled :

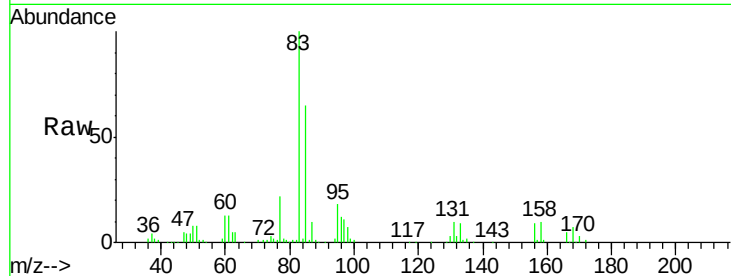
Tot Ion: 83 Resp: 155225

Ion Ratio Lower Upper

83 100

131 9.8 4.8 14.3

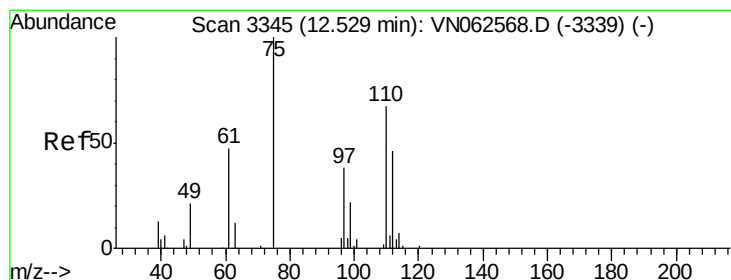
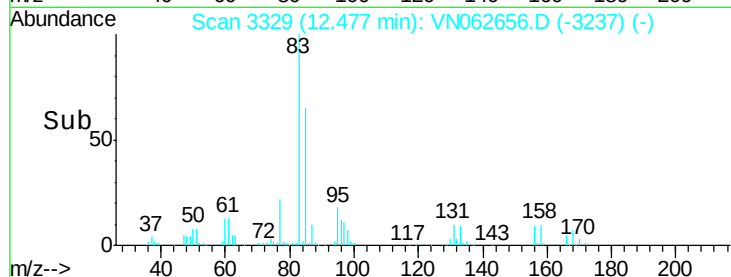
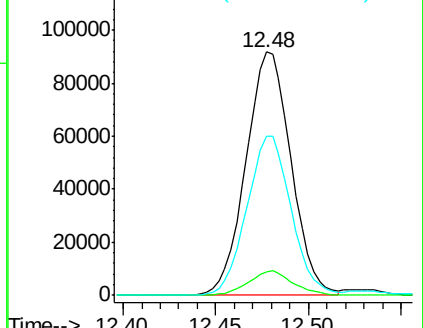
85 64.5 31.8 95.4



Abundance Ion 82.90 (82.60 to 83.60): VN062568.D (-3316) (-)

Ion 130.80 (130.50 to 131.50): VN062568.D (-3316) (-)

Ion 84.90 (84.60 to 85.60): VN062568.D (-3316) (-)



#76

1,2,3-Trichloropropane

Concen: 63.535 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062656.D

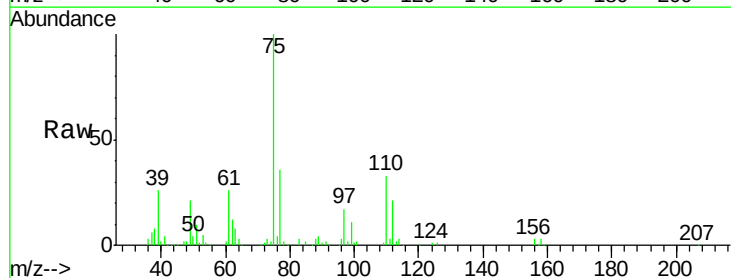
Acq: 29 Jul 2020 16:38

Tgt Ion: 75 Resp: 213390

Ion Ratio Lower Upper

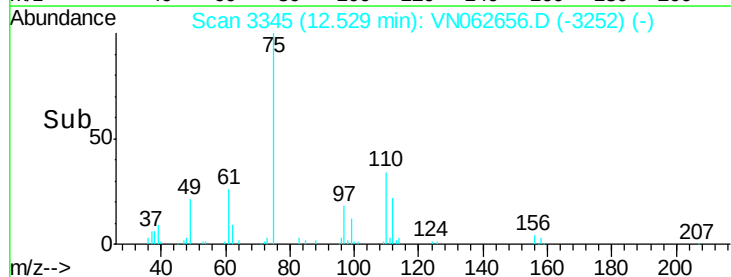
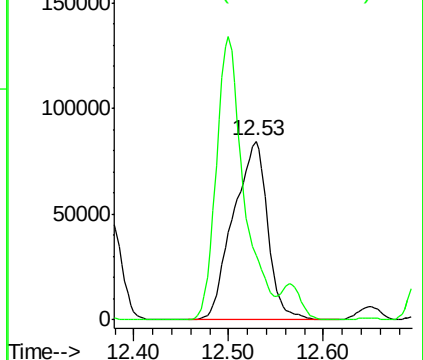
75 100

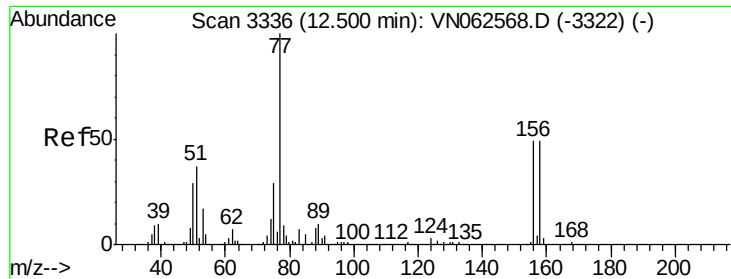
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN062568.D (-3339) (-)

Ion 77.00 (76.70 to 77.70): VN062568.D (-3339) (-)





#77

Bromobenzene

Concen: 46.131 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062656.D

Acq: 29 Jul 2020 16:38

Instrument :

MSVOA_N

ClientSampled :

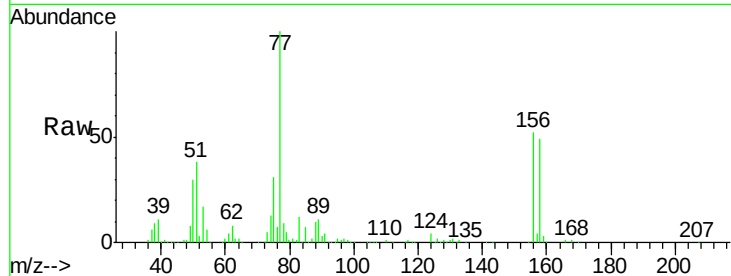
Tot Ion:156 Resp: 115665

Ion Ratio Lower Upper

156 100

77 236.4 122.8 368.3

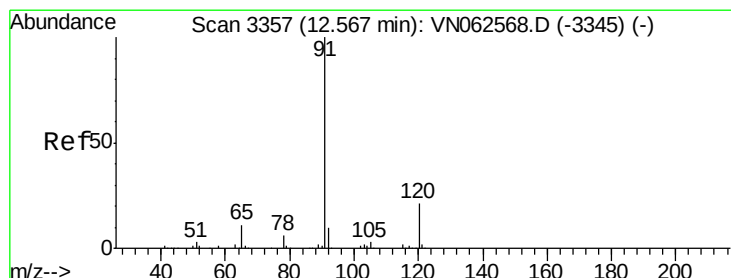
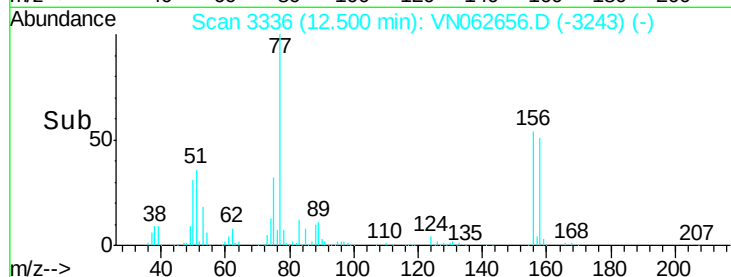
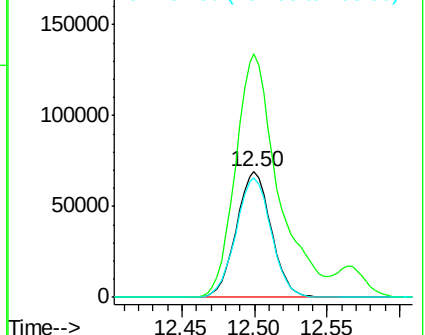
158 95.9 49.4 148.0



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: 48.900 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN062656.D

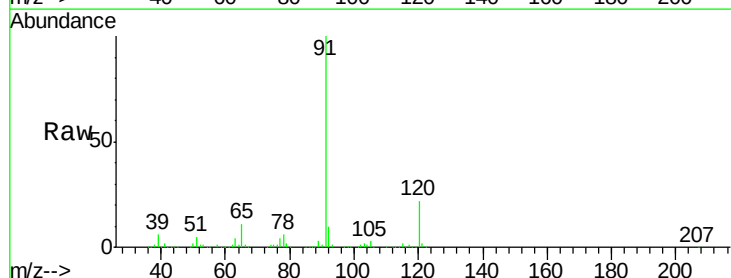
Acq: 29 Jul 2020 16:38

Tgt Ion: 91 Resp: 597629

Ion Ratio Lower Upper

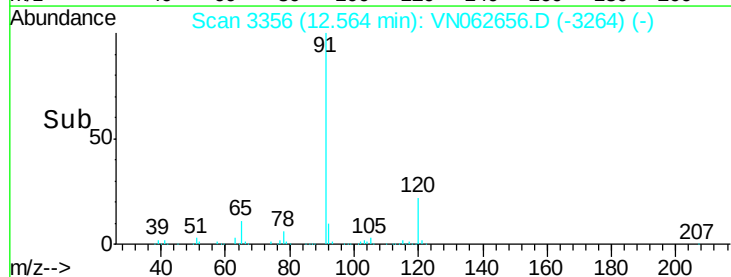
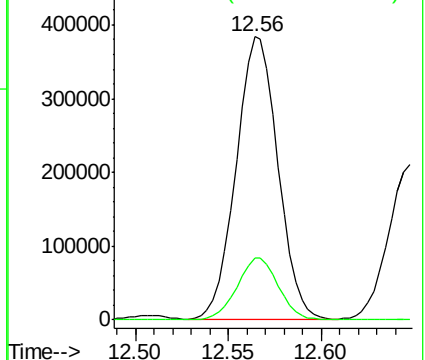
91 100

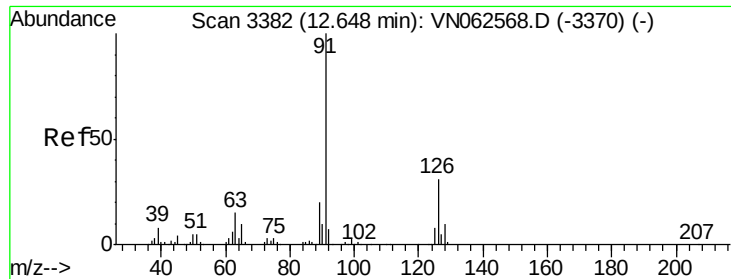
120 21.8 10.9 32.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.877 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062656.D

Acq: 29 Jul 2020 16:38

Instrument :

MSVOA_N

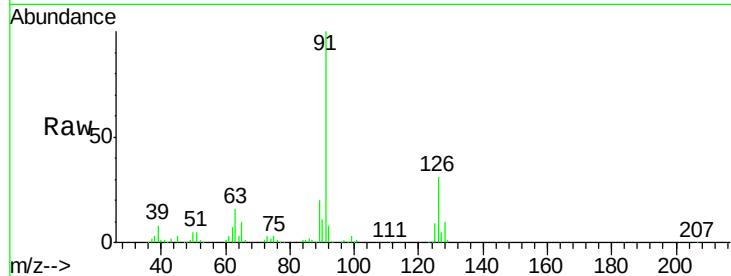
ClientSampleId :

Tot Ion: 91 Resp: 353070

Ion Ratio Lower Upper

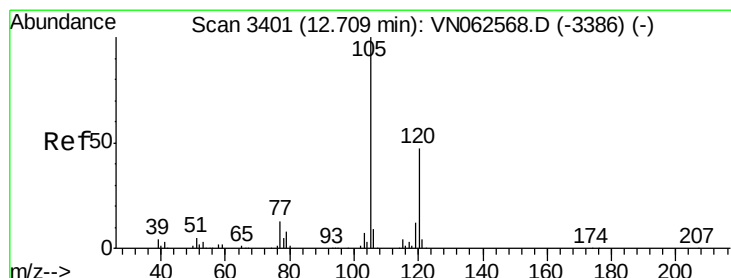
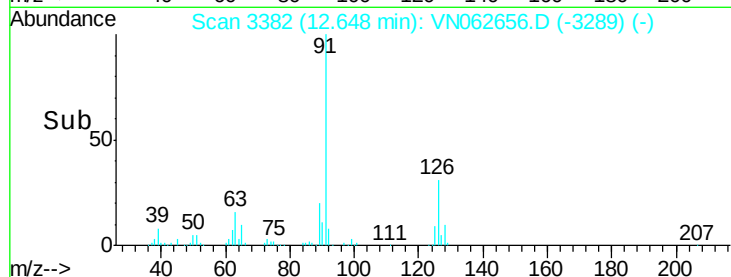
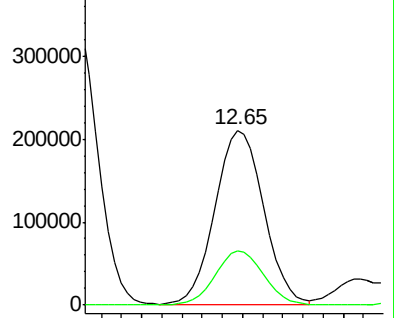
91 100

126 31.3 15.9 47.6



Abundance Ion 91.00 (90.70 to 91.70): VN062656.D (-3382) (-)

Ion 125.90 (125.60 to 126.60): VN062656.D (-3382) (-)



#80

1,3,5-Trimethylbenzene

Concen: 51.340 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062656.D

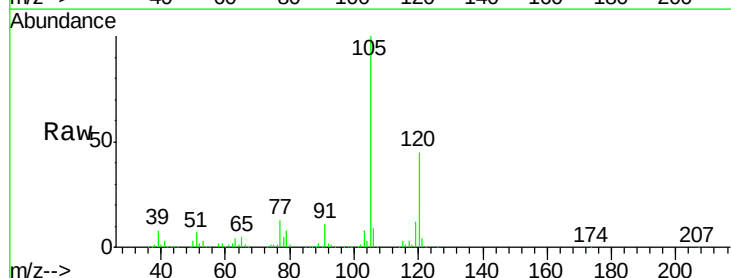
Acq: 29 Jul 2020 16:38

Tgt Ion: 105 Resp: 444318

Ion Ratio Lower Upper

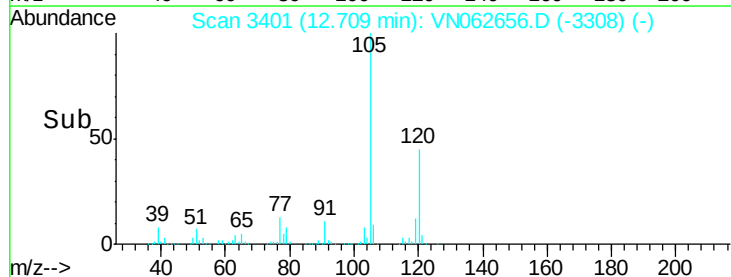
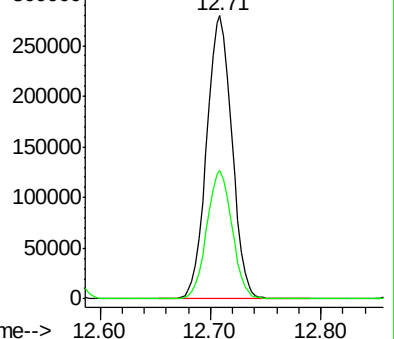
105 100

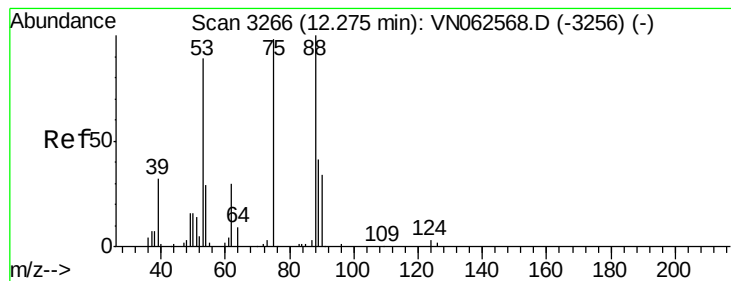
120 45.2 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): VN062656.D (-3401) (-)

Ion 120.00 (119.70 to 120.70): VN062656.D (-3401) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 47.122 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062656.D

Acq: 29 Jul 2020 16:38

Instrument :

MSVOA_N

ClientSampled :

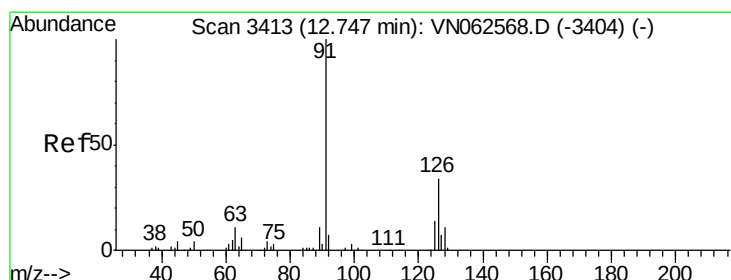
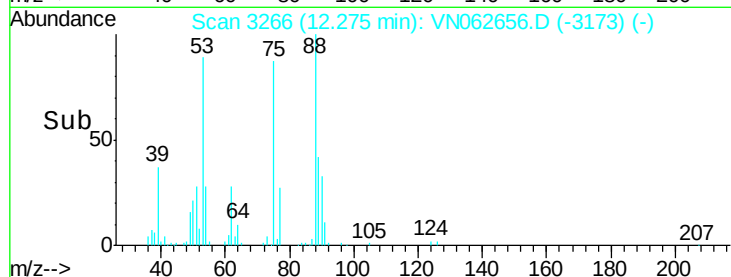
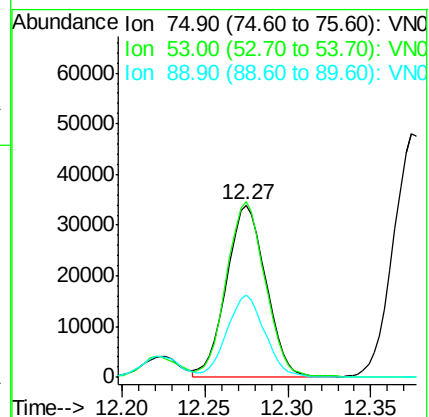
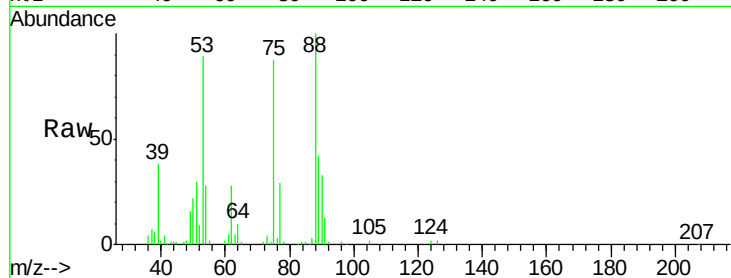
Tot Ion: 75 Resp: 56853

Ion Ratio Lower Upper

75 100

53 98.8 75.4 113.0

89 45.5 34.5 51.7



#82

4-Chlorotoluene

Concen: 47.737 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062656.D

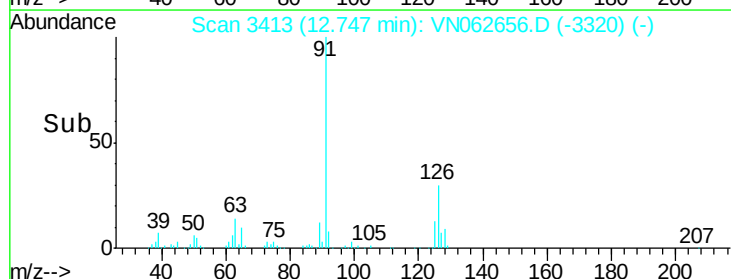
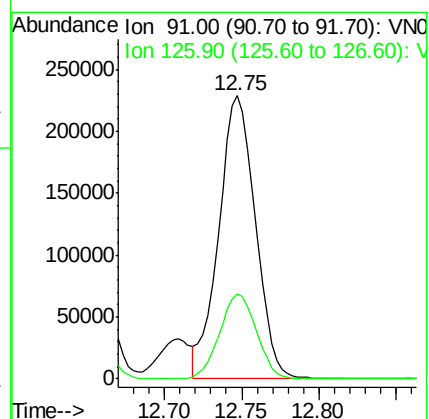
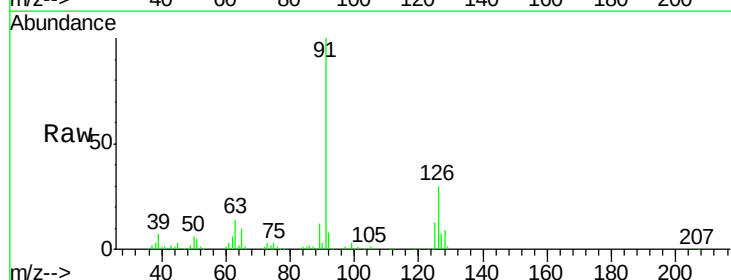
Acq: 29 Jul 2020 16:38

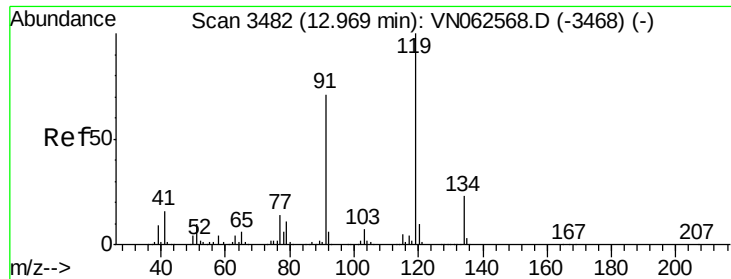
Tgt Ion: 91 Resp: 374237

Ion Ratio Lower Upper

91 100

126 30.2 15.4 46.4

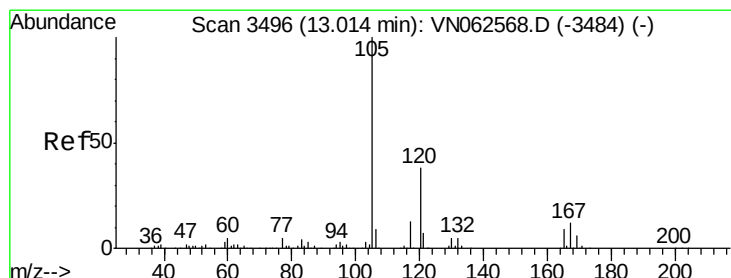
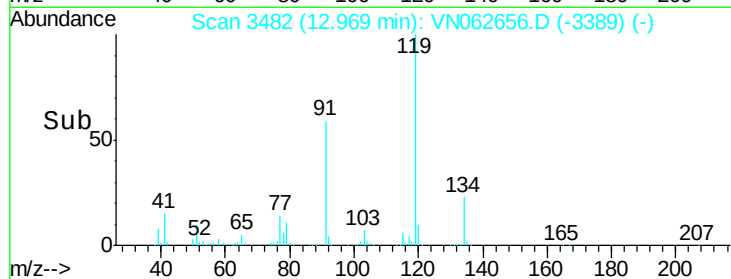
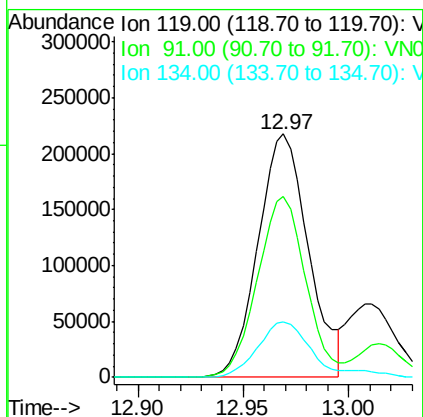
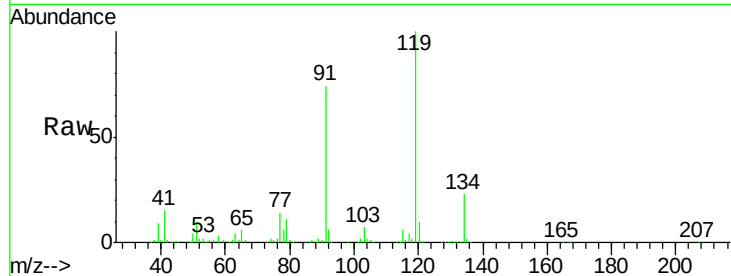




#83
 tert-Butylbenzene
 Concen: 50.370 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062656.D
 Acq: 29 Jul 2020 16:38

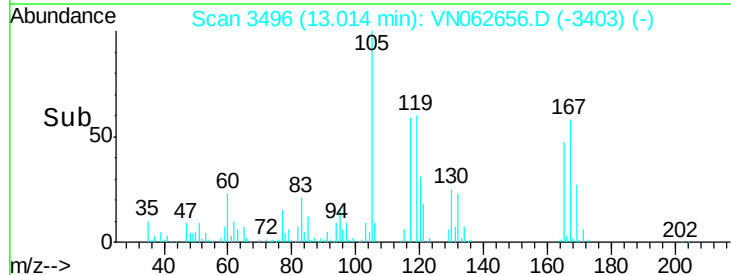
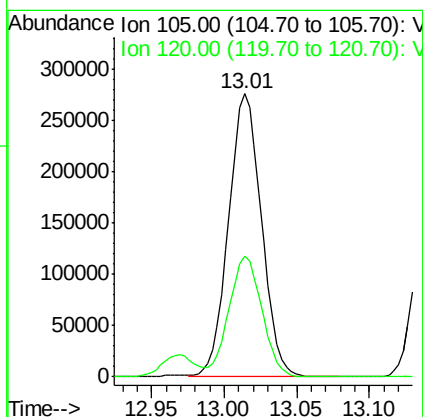
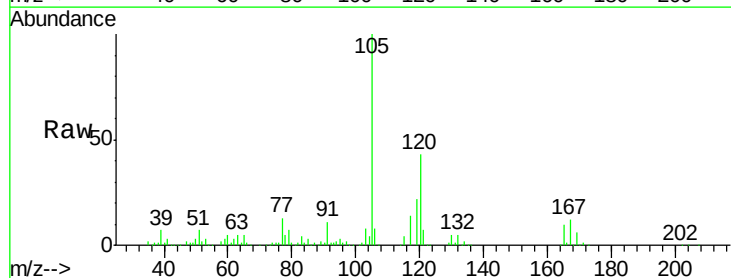
Instrument :
 MSVOA_N
 ClientSampled :

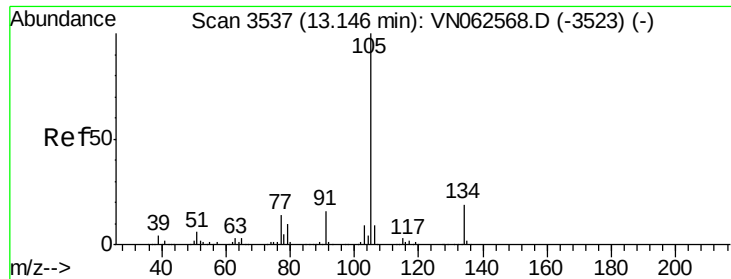
Tot Ion:119 Resp: 361975
 Ion Ratio Lower Upper
 119 100
 91 71.4 34.6 103.8
 134 25.1 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 51.099 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062656.D
 Acq: 29 Jul 2020 16:38

Tgt Ion:105 Resp: 433833
 Ion Ratio Lower Upper
 105 100
 120 43.1 22.1 66.3





#85

sec-Butylbenzene

Concen: 51.282 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062656.D

Acq: 29 Jul 2020 16:38

Instrument :

MSVOA_N

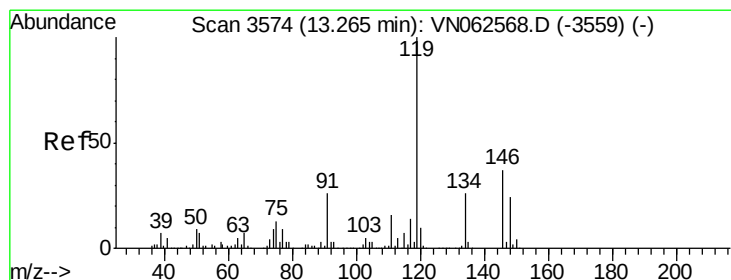
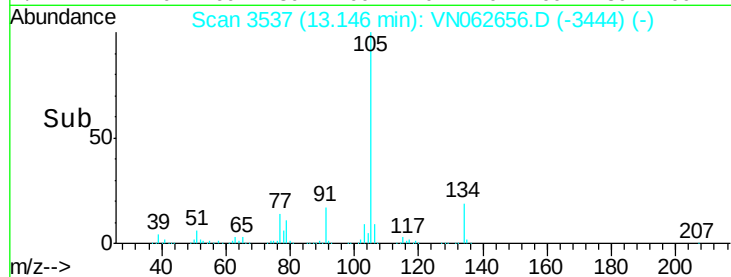
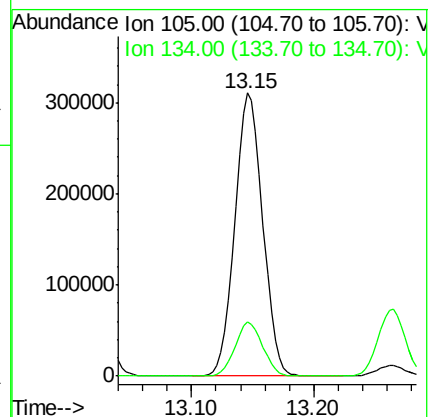
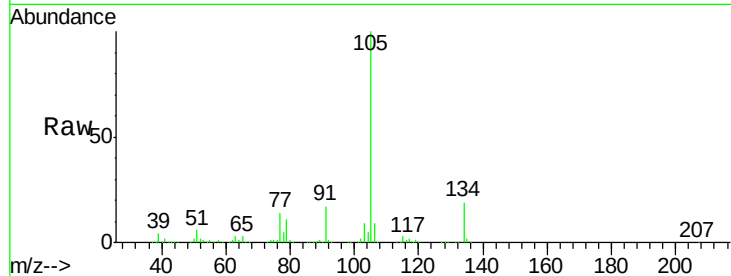
ClientSampleId :

Tot Ion:105 Resp: 493385

Ion Ratio Lower Upper

105 100

134 19.0 9.5 28.5



#86

p-Isopropyltoluene

Concen: 53.904 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062656.D

Acq: 29 Jul 2020 16:38

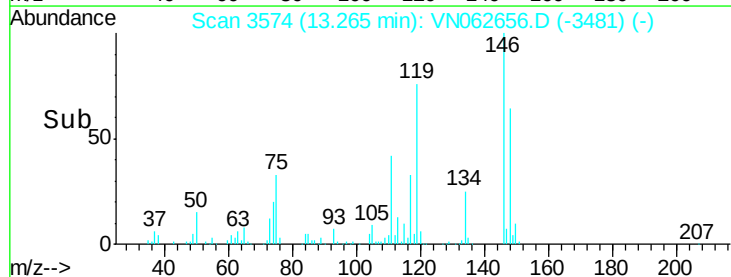
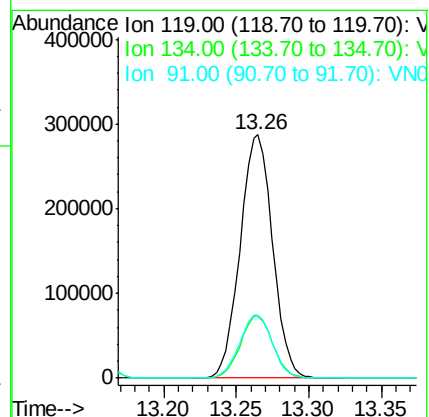
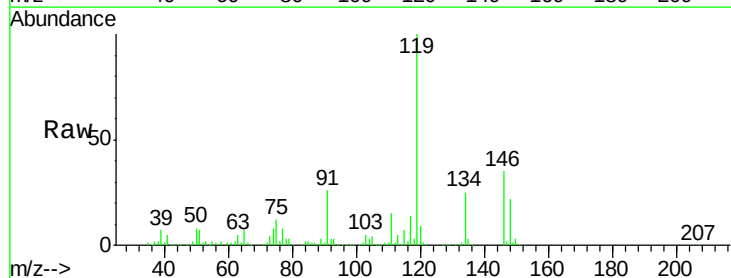
Tgt Ion:119 Resp: 446048

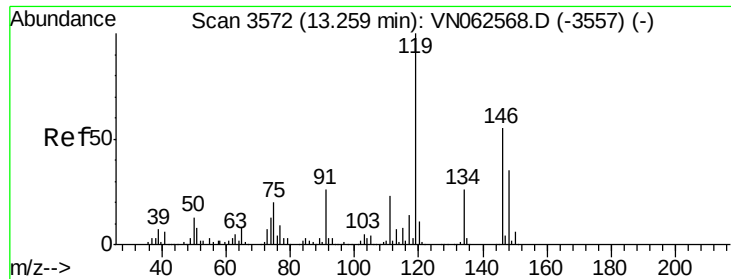
Ion Ratio Lower Upper

119 100

134 25.4 12.8 38.4

91 26.2 12.7 38.1

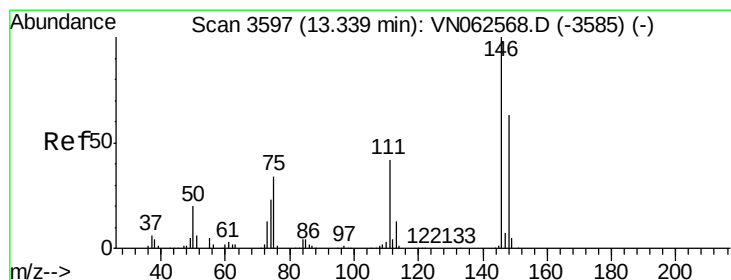
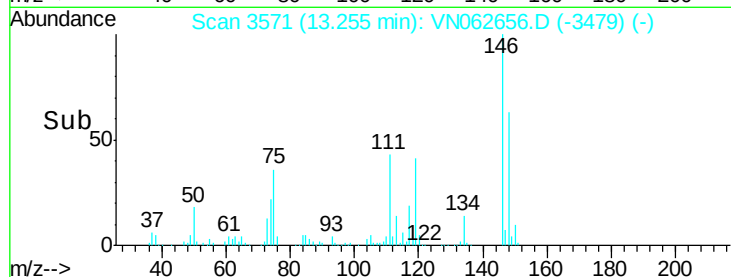
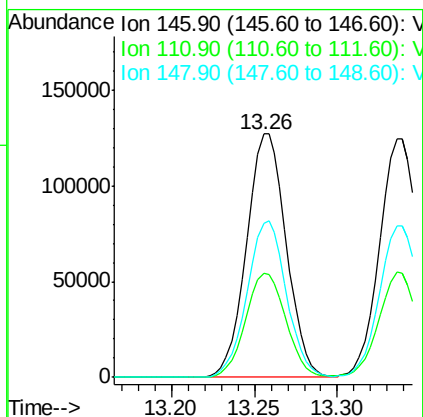
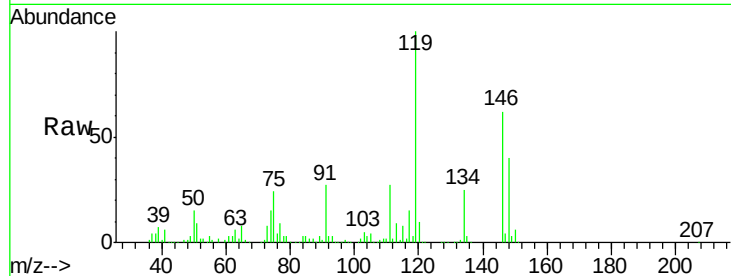




#87
 1,3-Dichlorobenzene
 Concen: 48.088 ug/l
 RT: 13.26 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VN062656.D
 Acq: 29 Jul 2020 16:38

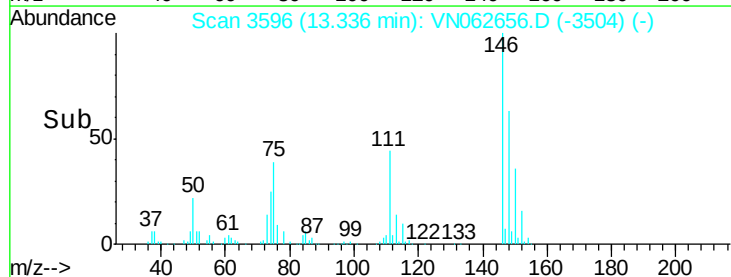
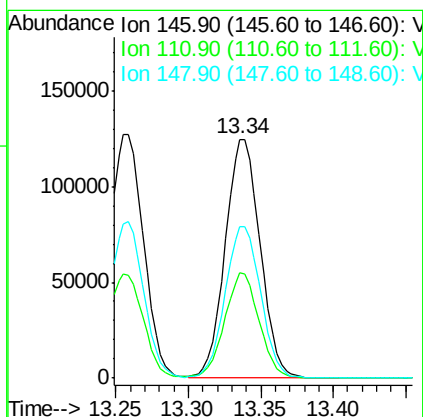
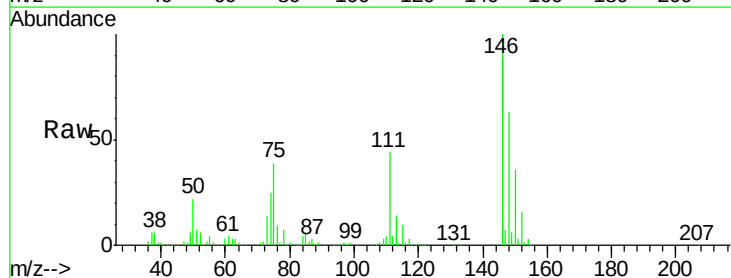
Instrument :
 MSVOA_N
 ClientSampleId :

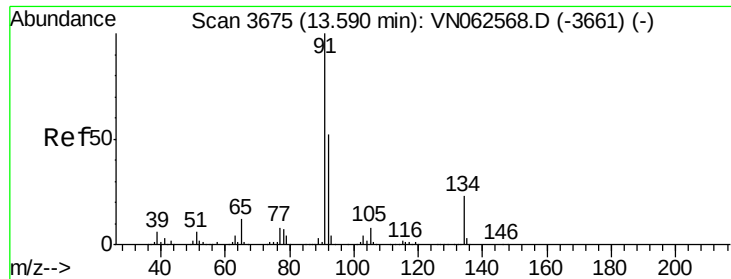
Tot Ion:146 Resp: 211588
 Ion Ratio Lower Upper
 146 100
 111 43.4 21.6 64.6
 148 63.4 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 47.969 ug/l
 RT: 13.34 min Scan# 3596
 Delta R.T. -0.00 min
 Lab File: VN062656.D
 Acq: 29 Jul 2020 16:38

Tgt Ion:146 Resp: 207775
 Ion Ratio Lower Upper
 146 100
 111 43.2 21.1 63.1
 148 64.3 31.6 94.8

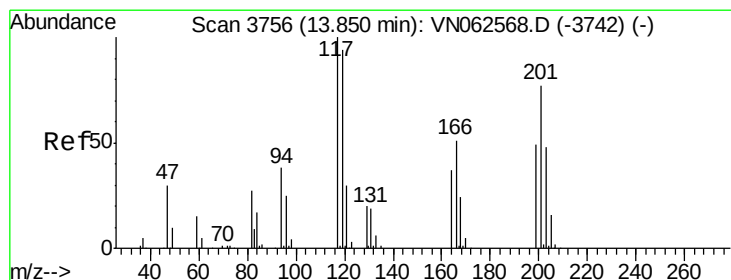
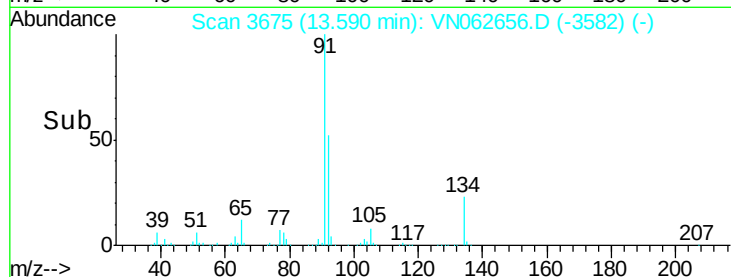
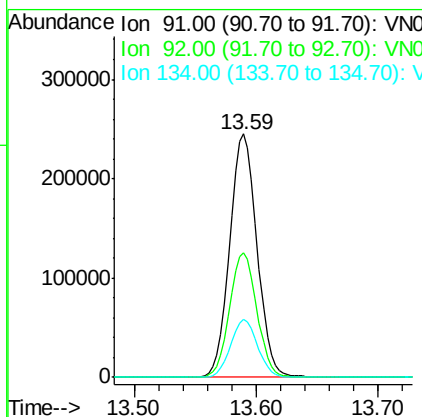
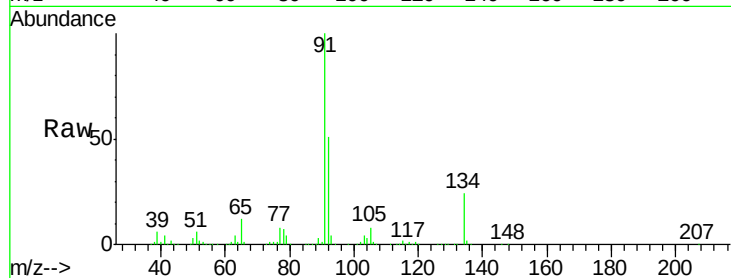




#89
n-Butylbenzene
Concen: 53.897 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062656.D
Acq: 29 Jul 2020 16:38

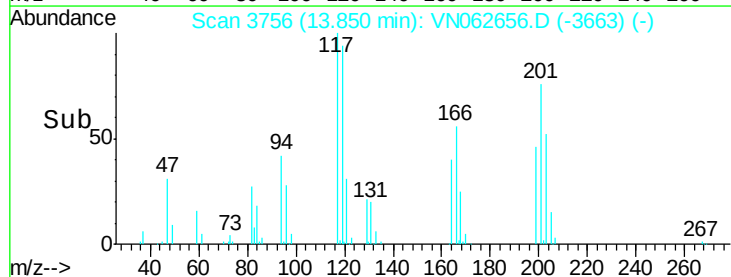
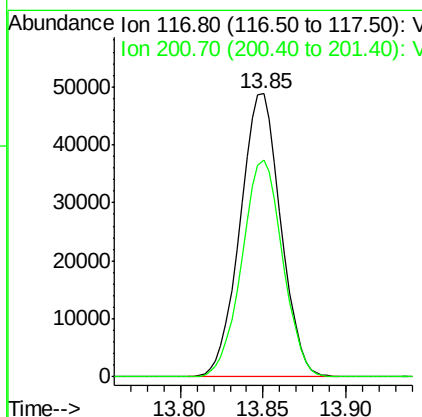
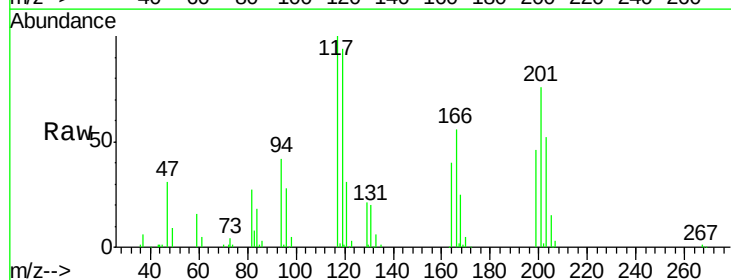
Instrument :
MSVOA_N
ClientSampled :

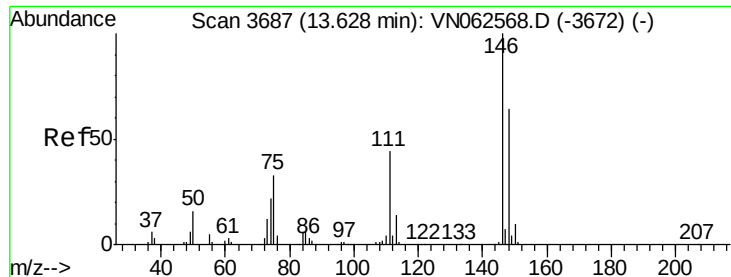
Tot Ion: 91 Resp: 383210
Ion Ratio Lower Upper
91 100
92 51.1 25.8 77.3
134 23.6 11.8 35.3



#90
Hexachloroethane
Concen: 47.196 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN062656.D
Acq: 29 Jul 2020 16:38

Tgt Ion: 117 Resp: 83138
Ion Ratio Lower Upper
117 100
201 76.8 39.2 117.6

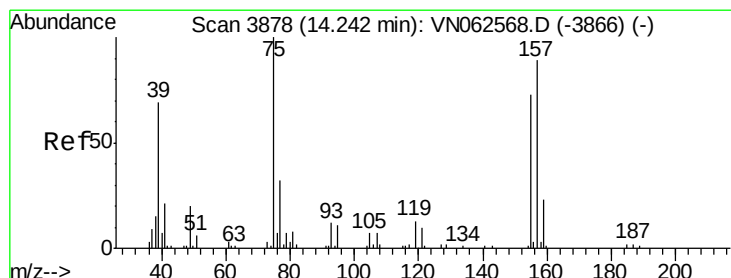
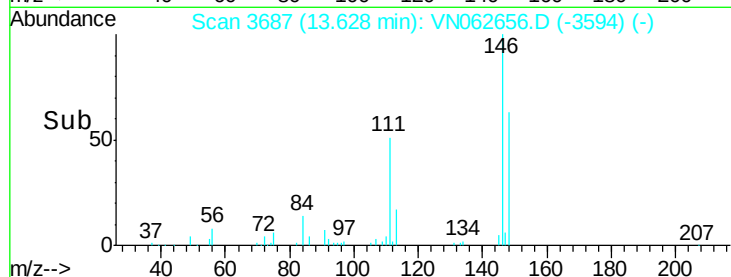
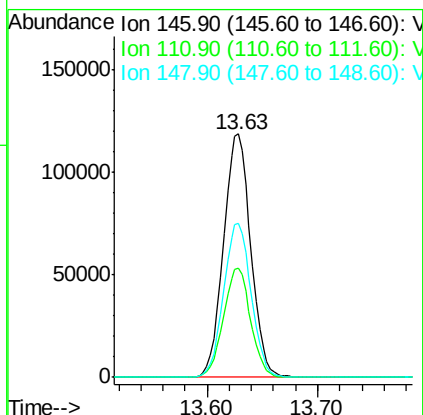
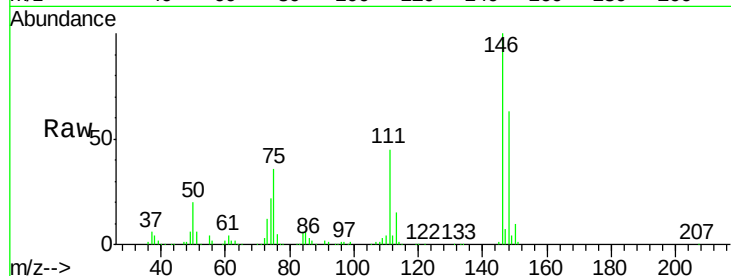




#91
 1,2-Dichlorobenzene
 Concen: 48.215 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062656.D
 Acq: 29 Jul 2020 16:38

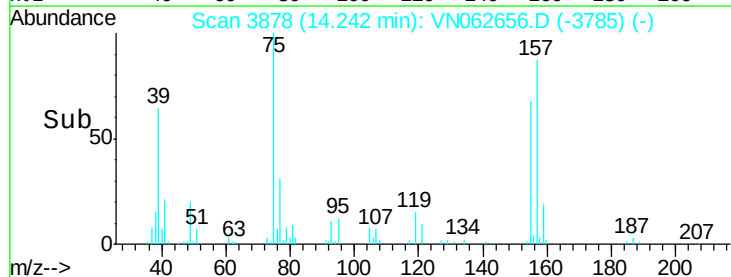
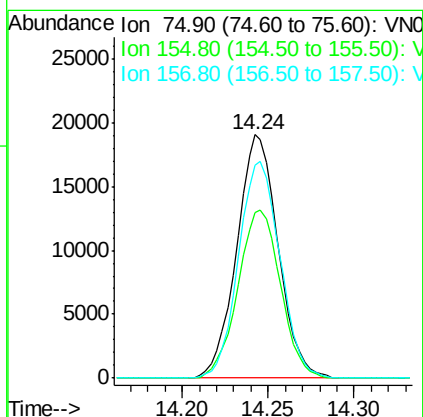
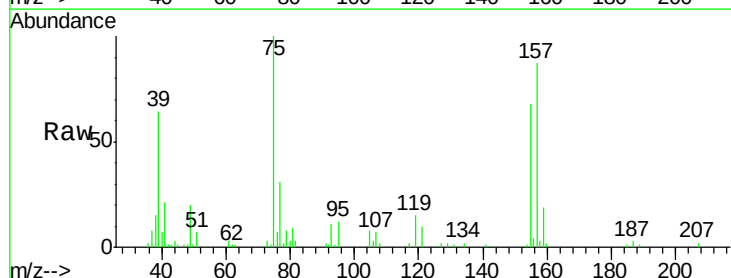
Instrument :
 MSVOA_N
 ClientSampleId :

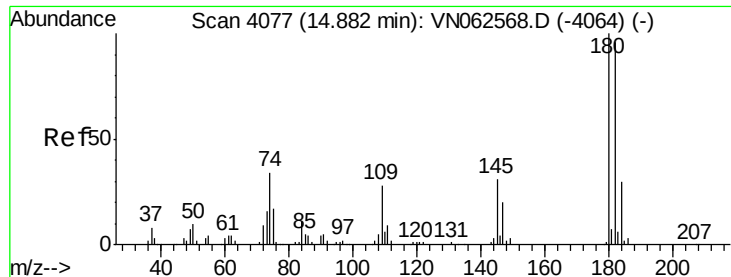
Tot Ion	Ratio	Lower	Upper
146	100		
111	44.6	21.9	65.8
148	63.9	31.6	94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.391 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN062656.D
 Acq: 29 Jul 2020 16:38

Tgt Ion	Ratio	Lower	Upper
75	100		
155	70.9	35.9	107.5
157	89.2	45.0	135.0

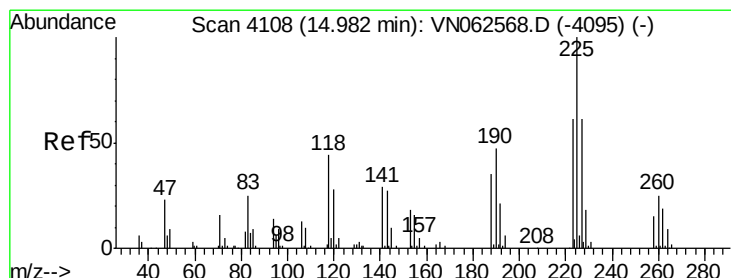
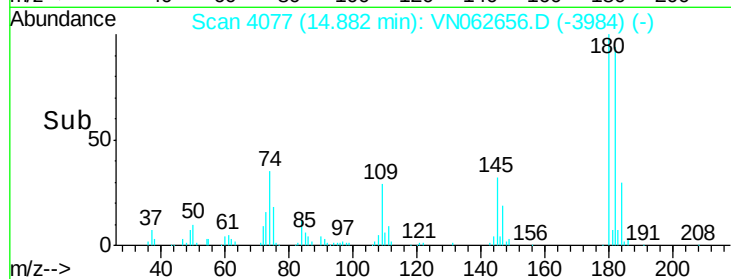
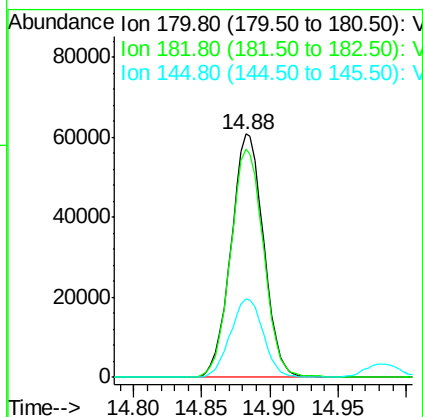
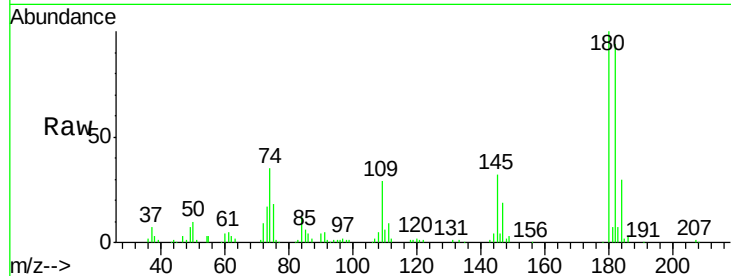




#93
 1,2,4-Trichlorobenzene
 Concen: 45.820 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062656.D
 Acq: 29 Jul 2020 16:38

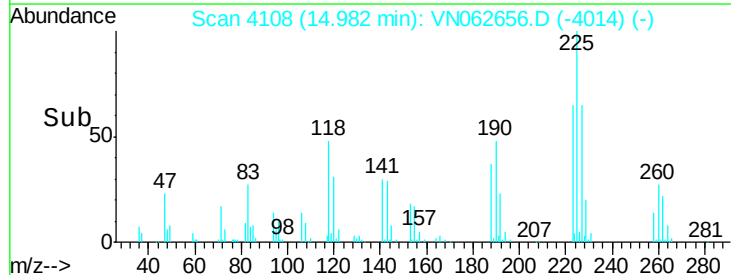
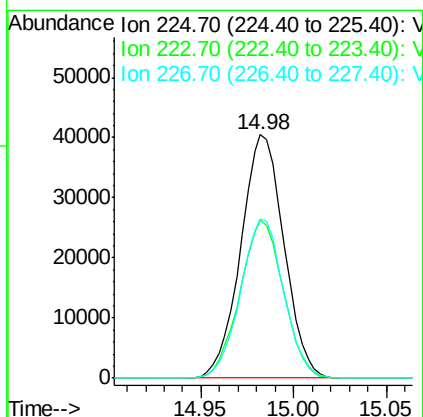
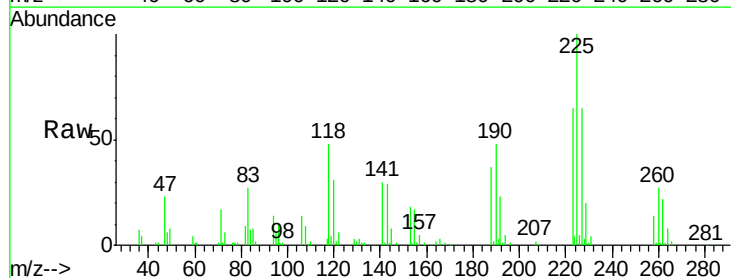
Instrument :
 MSVOA_N
 ClientSampleId :

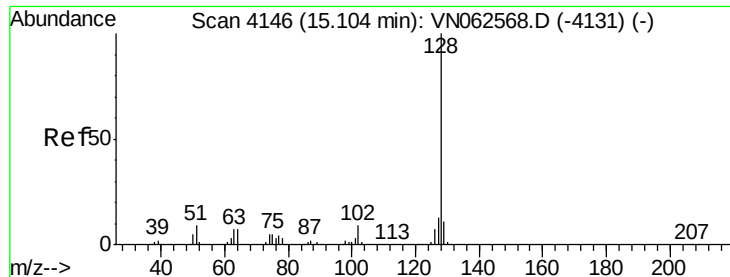
Tot Ion:180 Resp: 100748
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.8 143.3
 145 32.6 15.3 45.9



#94
 Hexachlorobutadiene
 Concen: 57.465 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN062656.D
 Acq: 29 Jul 2020 16:38

Tgt Ion:225 Resp: 65332
 Ion Ratio Lower Upper
 225 100
 223 65.1 32.0 96.0
 227 65.1 31.1 93.2

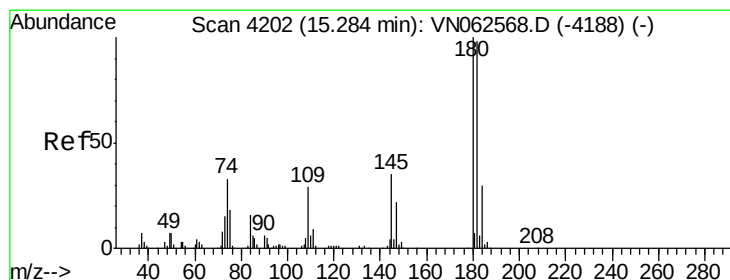
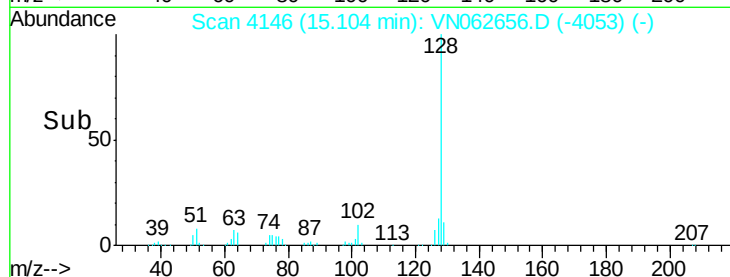
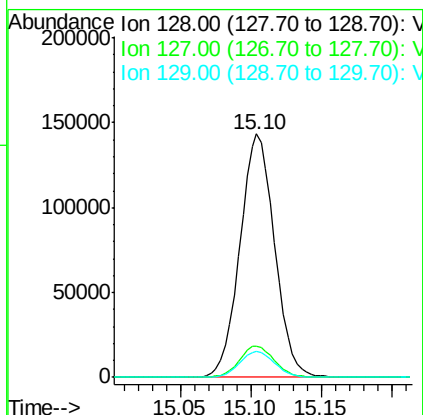
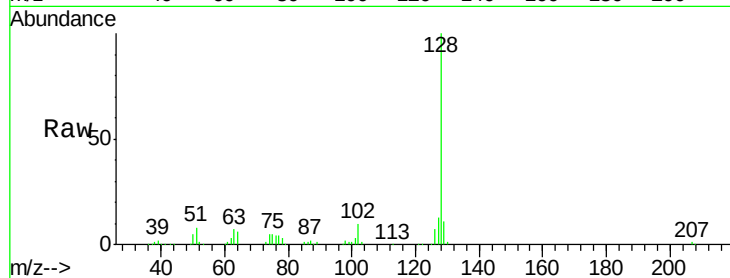




#95
Naphthalene
Concen: 42.675 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062656.D
Acq: 29 Jul 2020 16:38

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:128 Resp: 246921
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 50.507 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062656.D
Acq: 29 Jul 2020 16:38

Tgt Ion:180 Resp: 100141
Ion Ratio Lower Upper
180 100
182 96.3 48.1 144.3
145 34.1 16.7 50.1

