

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102020\
 Data File : VN064208.D
 Acq On : 20 Oct 2020 20:15
 Operator : JC/MD
 Sample : VN1020WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 21 04:50:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N102020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Oct 20 11:51:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	48620	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	271651	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	248592	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	131369	33.00	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	110.00%
60) 4-Bromofluorobenzene	12.38	95	132443	29.73	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.10%
63) Toluene-d8	10.06	98	334303	29.70	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	66176	19.838	ug/l 92
3) Chloromethane	2.04	50	63375	18.540	ug/l 96
4) Vinyl Chloride	2.17	62	62897	18.702	ug/l 92
5) Bromomethane	2.54	94	38579	19.174	ug/l 95
6) Chloroethane	2.67	64	35605	18.177	ug/l 100
7) Trichlorofluoromethane	2.99	101	101254	18.755	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	3.73	101	50416	17.694	ug/l 98
10) 1,1-Dichloroethene	3.70	96	49460	17.828	ug/l 98
11) Methyl Iodide	3.92	142	67305	16.831	ug/l 97
12) Methyl Acetate	4.28	43	53657	18.350	ug/l # 91
13) Acrolein	3.57	56	31949	99.926	ug/l # 1
14) Acrylonitrile	4.94	53	107682	91.384	ug/l 60
15) Acetone	3.78	58	29885	93.934	ug/l 92
16) Carbon Disulfide	4.01	76	138225	17.422	ug/l 99
17) Allvl chloride	4.28	41	87904	17.040	ug/l 95
18) Methylene Chloride	4.51	84	57842	18.229	ug/l 96
19) trans-1,2-Dichloroethene	4.99	96	51231	17.118	ug/l 96
20) Diisopropyl ether	5.90	45	172802	18.126	ug/l 97
21) 1,1-Dichloroethane	5.80	63	104360	17.931	ug/l 98
22) cis-1,2-Dichloroethene	6.78	96	62254	17.794	ug/l # 52
23) tert-Butyl Alcohol	4.74	59	50003	91.748	ug/l # 100
24) Methyl tert-Butyl Ether	4.99	73	166535	18.166	ug/l 97
25) Chloroform	7.33	83	108125	17.880	ug/l 95
26) Cyclohexane	7.61	56	79241	17.172	ug/l # 87
29) 1,1-Dichloropropene	7.75	75	78167	17.326	ug/l 99
30) 2-Butanone	6.78	43	171489	92.180	ug/l 98
31) 2,2-Dichloropropane	6.78	77	89405	15.610	ug/l 100
32) 1,1,1-Trichloroethane	7.53	97	107040	18.622	ug/l 99
33) Carbon Tetrachloride	7.73	117	93988	17.935	ug/l 97
34) Benzene	8.00	78	225620	17.959	ug/l 98
35) Methacrylonitrile	7.12	41	32643	15.996	ug/l 93
36) 1,2-Dichloroethane	8.09	62	95586	18.812	ug/l 99
37) Trichloroethene	8.80	130	61153	17.680	ug/l 93
38) Methylcyclohexane	9.05	83	74823	17.341	ug/l 100
39) 1,2-Dichloropropane	9.08	63	60520	18.052	ug/l 99
40) Dibromomethane	9.18	93	43425	18.616	ug/l 96
41) Bromodichloromethane	9.37	83	92264	18.276	ug/l 99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102020\
 Data File : VN064208.D
 Acq On : 20 Oct 2020 20:15
 Operator : JC/MD
 Sample : VN1020WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 21 04:50:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N102020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Oct 20 11:51:57 2020
 Response via : Initial Calibration

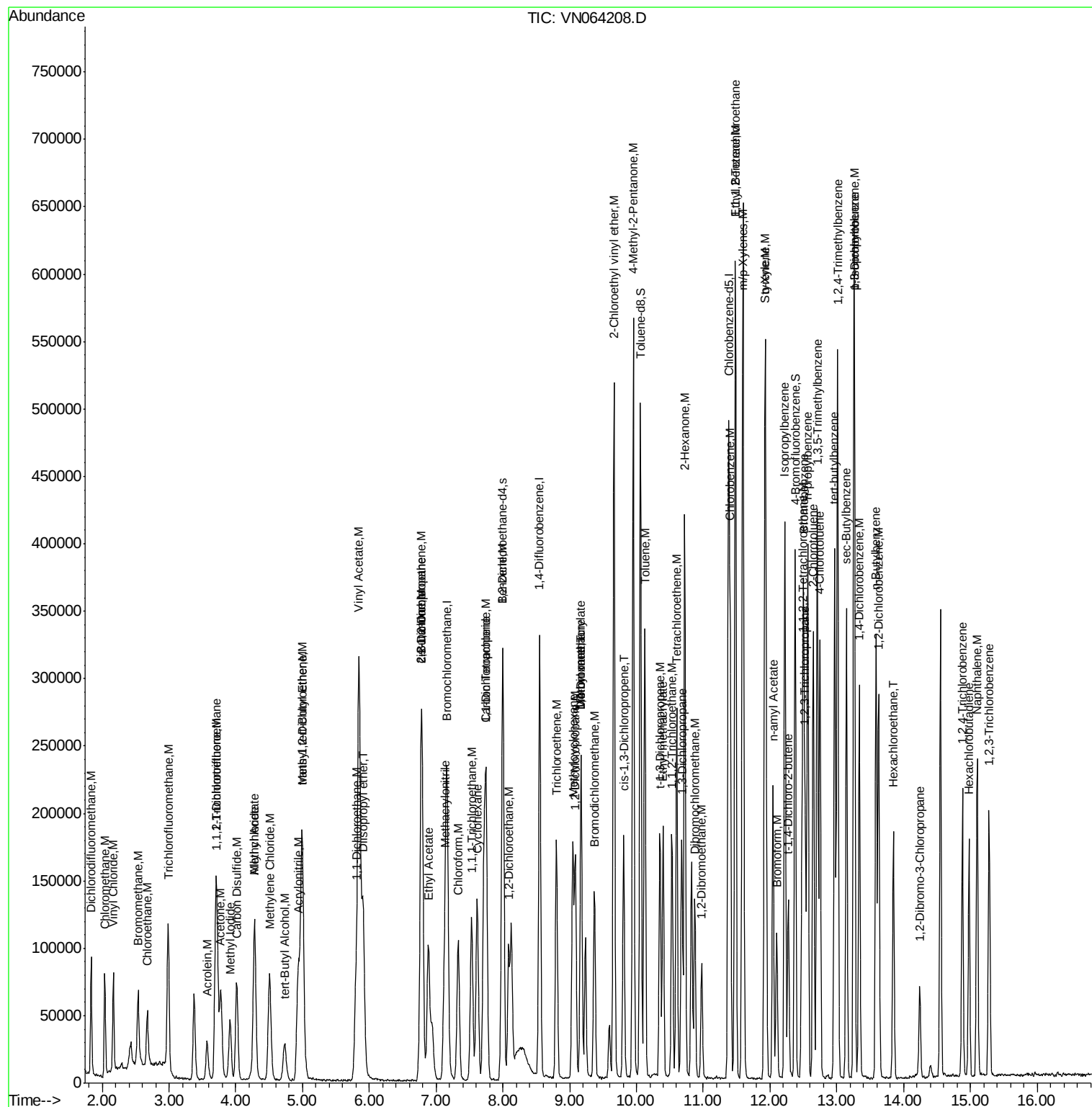
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Vinyl Acetate	5.85	43	806522	91.318	ug/l	99
43) Ethyl Acetate	6.88	43	71818	17.676	ug/l #	89
45) 1,4-Dioxane	9.16	88	17675	387.423	ug/l	91
46) Methyl methacrylate	9.17	41	66791	18.045	ug/l	96
47) n-amyl Acetate	12.05	43	124483	17.989	ug/l	99
48) t-1,3-Dichloropropene	10.35	75	100719	17.690	ug/l	89
49) cis-1,3-Dichloropropene	9.81	75	101411	17.239	ug/l	97
50) 1,1,2-Trichloroethane	10.53	97	57092	18.269	ug/l	97
51) Ethyl methacrylate	10.40	69	88074	17.823	ug/l	97
52) 1,3-Dichloropropane	10.68	76	95877	17.795	ug/l	100
53) Dibromochloromethane	10.87	129	69949	17.784	ug/l	97
54) 1,2-Dibromoethane	10.98	107	57886	17.426	ug/l	92
55) 2-Chloroethyl vinyl ether	9.66	63	227489	93.668	ug/l	98
56) Bromoform	12.10	173	48345	17.650	ug/l	98
58) 4-Methyl-2-Pentanone	9.95	43	382358	90.767	ug/l	98
59) 2-Hexanone	10.72	43	278144	88.939	ug/l	99
61) Tetrachloroethene	10.60	164	56880	16.973	ug/l	98
62) Toluene	10.13	91	238985	16.816	ug/l	98
64) Chlorobenzene	11.41	112	151690	17.139	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.48	131	60613	17.480	ug/l	99
66) Ethyl Benzene	11.48	91	285133	17.451	ug/l	99
67) m/p-Xylenes	11.59	106	205037	33.742	ug/l	99
68) o-Xylene	11.92	106	101012	17.130	ug/l	99
69) Styrene	11.94	104	169193	16.960	ug/l	97
70) Isopropylbenzene	12.22	105	269696	17.318	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.48	83	73778	17.288	ug/l	97
72) 1,2,3-Trichloropropane	12.53	75	107576	24.155	ug/l	53
73) Bromobenzene	12.50	156	64461	17.165	ug/l	95
74) n-propylbenzene	12.57	91	301828	16.981	ug/l	100
75) 2-Chlorotoluene	12.65	91	190166	17.283	ug/l	97
76) 1,3,5-Trimethylbenzene	12.71	105	227325	17.154	ug/l	99
77) t-1,4-Dichloro-2-butene	12.28	75	28605	16.428	ug/l	99
78) 4-Chlorotoluene	12.75	91	193038	16.772	ug/l	99
79) tert-butylbenzene	12.97	119	190575	17.591	ug/l	97
80) 1,2,4-Trimethylbenzene	13.01	105	230856	17.161	ug/l	100
81) sec-Butylbenzene	13.14	105	237561	16.853	ug/l	100
82) p-Isopropyltoluene	13.26	119	214910	16.473	ug/l	99
83) 1,3-Dichlorobenzene	13.26	146	110835	16.465	ug/l	97
84) 1,4-Dichlorobenzene	13.34	146	110534	16.401	ug/l	97
85) n-Butylbenzene	13.59	91	186861	16.135	ug/l	99
86) Hexachloroethane	13.85	117	38346	17.073	ug/l	99
87) 1,2-Dichlorobenzene	13.63	146	109374	16.661	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	14.24	75	18678	17.280	ug/l	95
89) 1,2,4-Trichlorobenzene	14.88	180	61516	15.604	ug/l	95
90) Hexachlorobutadiene	14.98	225	31732	15.880	ug/l	97
91) Naphthalene	15.10	128	195595	16.368	ug/l	99
92) 1,2,3-Trichlorobenzene	15.28	180	61550	16.325	ug/l	99

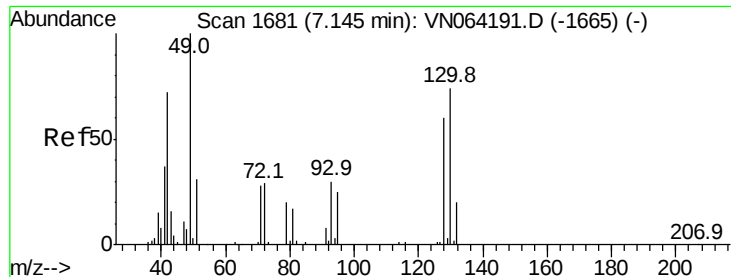
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102020\
Data File : VN064208.D
Acq On : 20 Oct 2020 20:15
Operator : JC/MD
Sample : VN1020WBS02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampled :

Quant Time: Oct 21 04:50:41 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N102020W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Oct 20 11:51:57 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.01 min

Lab File: VN064208.D

Acq: 20 Oct 2020 20:15

Instrument :
MSVOA_N
ClientSampleId :

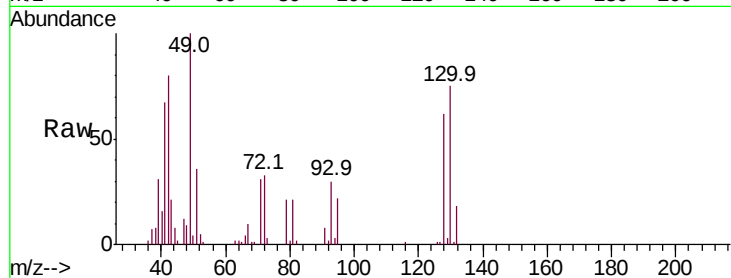
Tot Ion:128 Resp: 48620

Ion Ratio Lower Upper

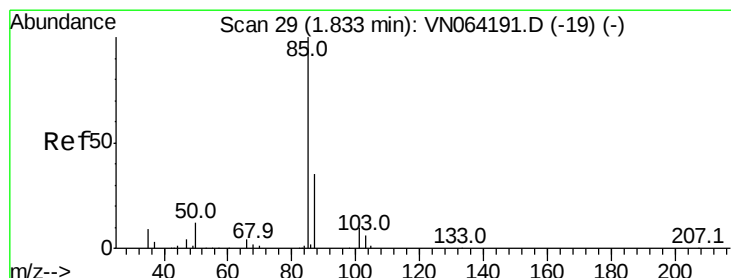
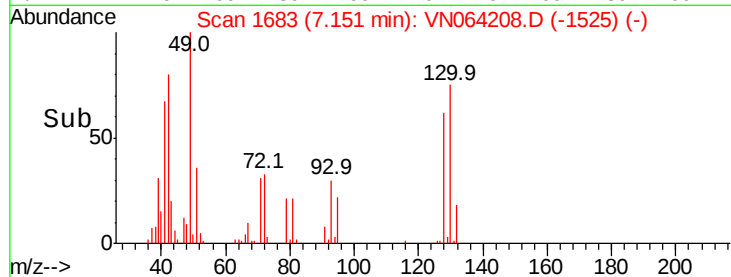
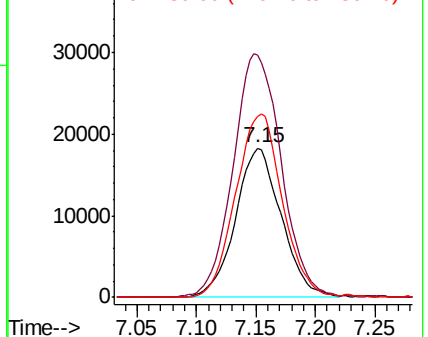
128 100

49 172.2 0.0 433.3

130 126.1 0.0 322.5



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VN
Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 19.838 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064208.D

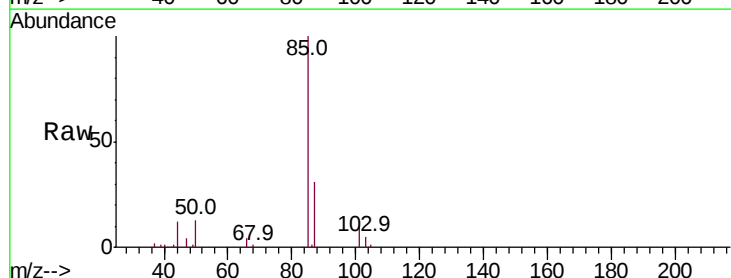
Acq: 20 Oct 2020 20:15

Tgt Ion: 85 Resp: 66176

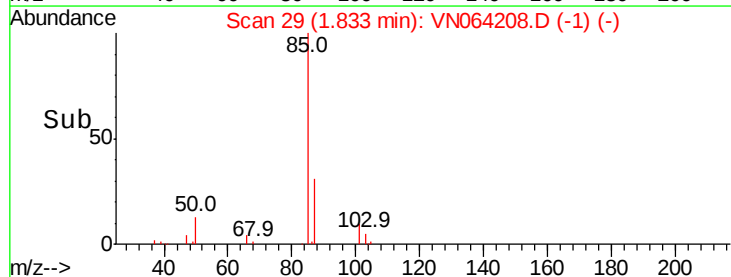
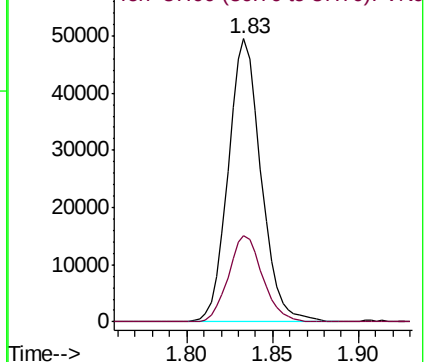
Ion Ratio Lower Upper

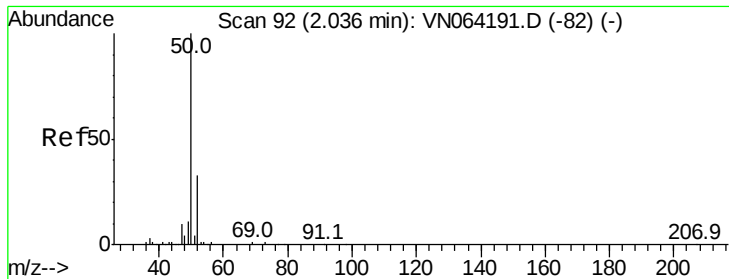
85 100

87 30.6 17.8 53.3



Abundance Ion 85.00 (84.70 to 85.70): VN
Ion 87.00 (86.70 to 87.70): VN





#3

Chloromethane

Concen: 18.540 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064208.D

Acq: 20 Oct 2020 20:15

Instrument :

MSVOA_N

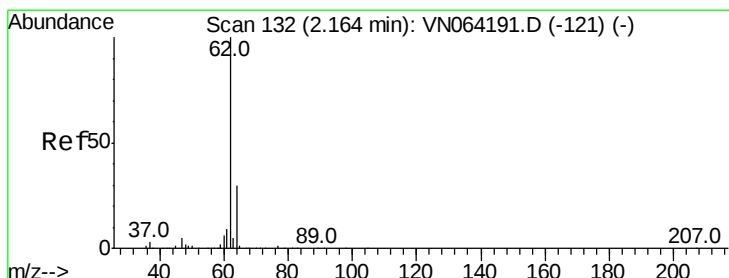
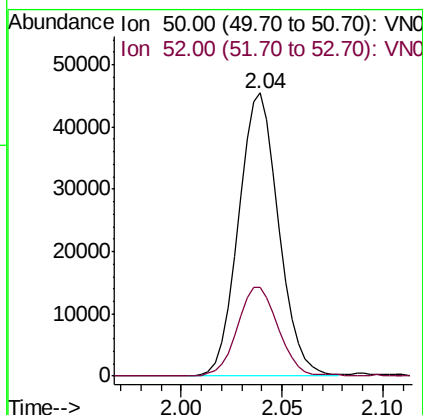
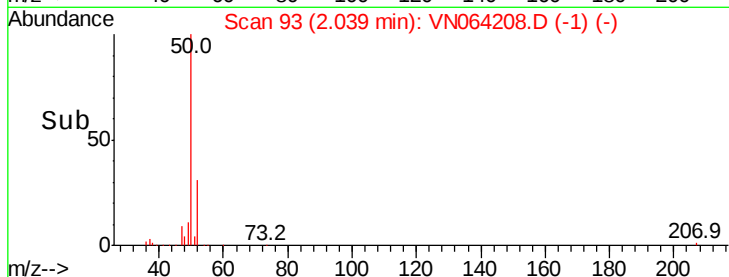
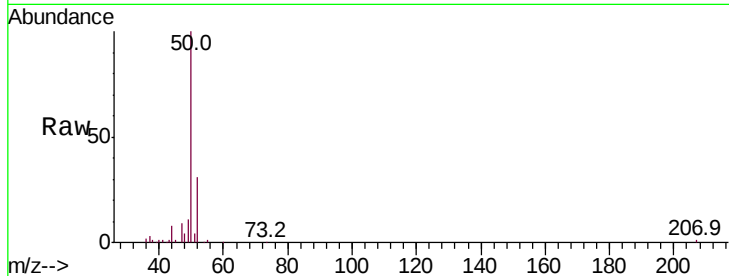
ClientSampled :

Tot Ion: 50 Resp: 63375

Ion Ratio Lower Upper

50 100

52 31.2 26.6 40.0



#4

Vinyl Chloride

Concen: 18.702 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN064208.D

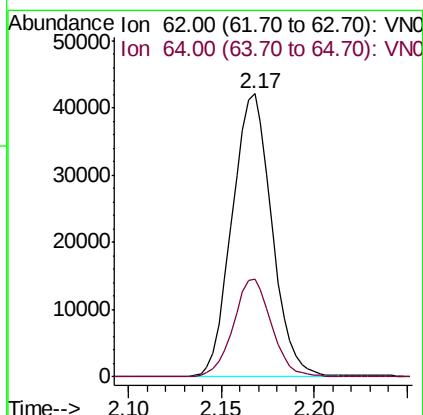
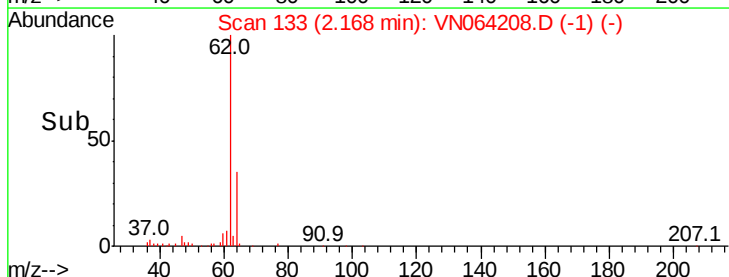
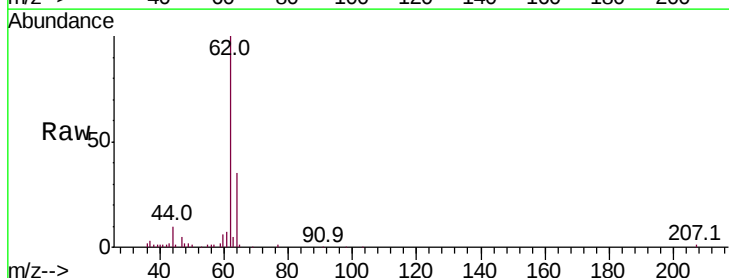
Acq: 20 Oct 2020 20:15

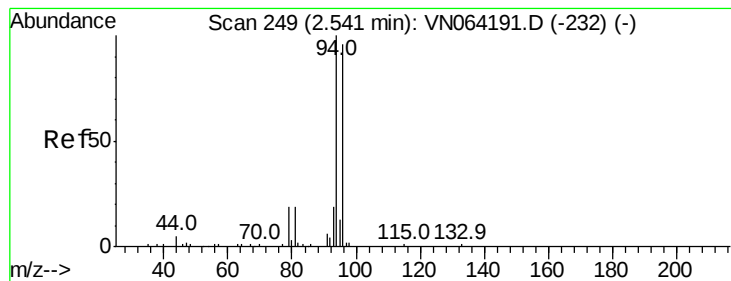
Tgt Ion: 62 Resp: 62897

Ion Ratio Lower Upper

62 100

64 34.6 24.4 36.6





#5

Bromomethane

Concen: 19.174 ug/l

RT: 2.54 min Scan# 248

Delta R.T. -0.00 min

Lab File: VN064208.D

Acq: 20 Oct 2020 20:15

Instrument :

MSVOA_N

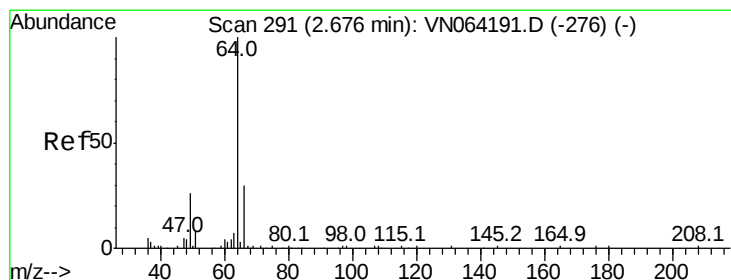
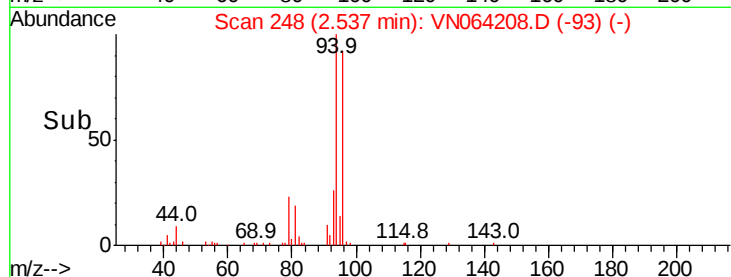
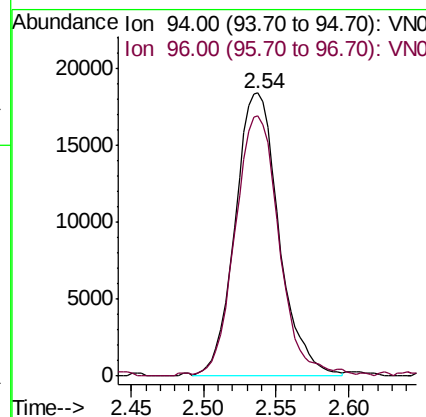
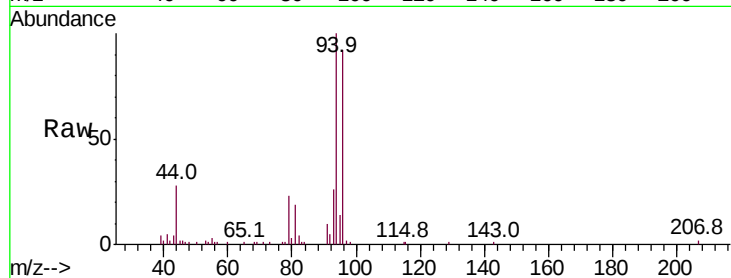
ClientSampled :

Tot Ion: 94 Resp: 38579

Ion Ratio Lower Upper

94 100

96 90.9 76.6 115.0



#6

Chloroethane

Concen: 18.177 ug/l

RT: 2.67 min Scan# 290

Delta R.T. -0.00 min

Lab File: VN064208.D

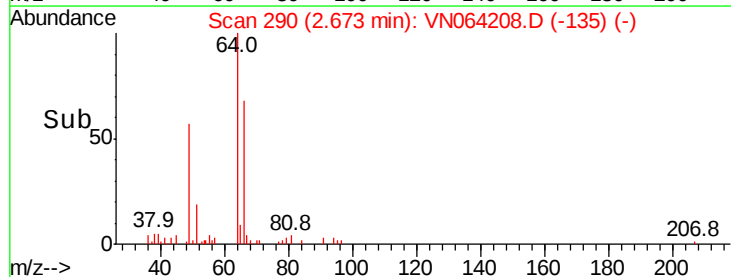
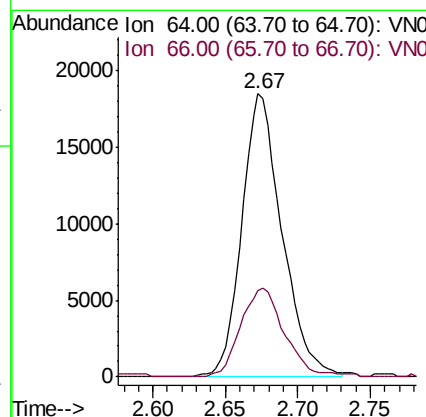
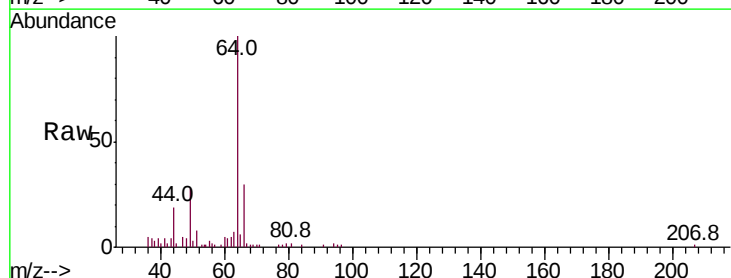
Acq: 20 Oct 2020 20:15

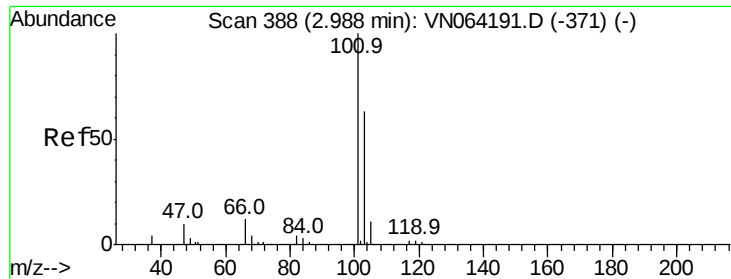
Tgt Ion: 64 Resp: 35605

Ion Ratio Lower Upper

64 100

66 30.4 24.3 36.5



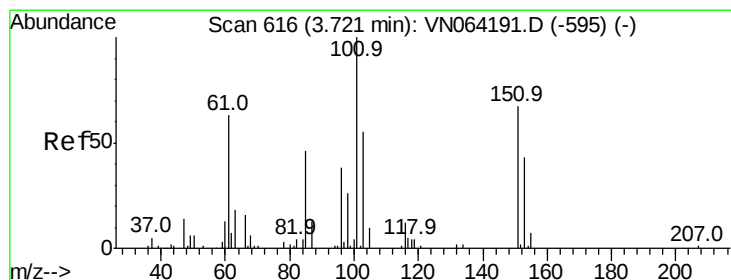
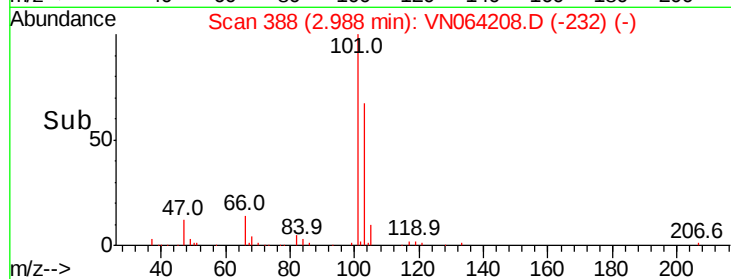
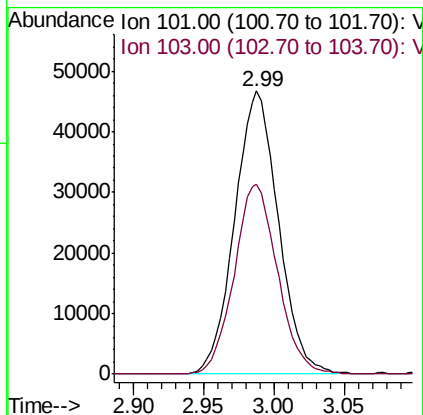
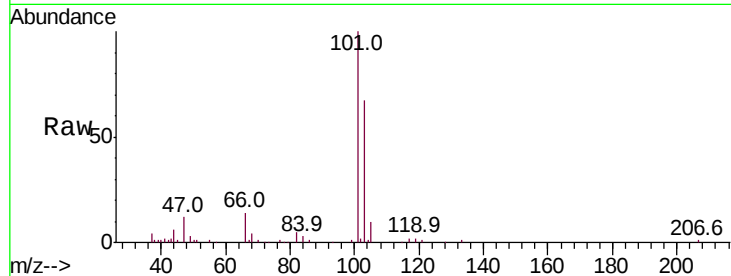


#7

Trichlorofluoromethane
Concen: 18.755 ug/l
RT: 2.99 min Scan# 388
Delta R.T. 0.00 min
Lab File: VN064208.D
Acq: 20 Oct 2020 20:15

Instrument :
MSVOA_N
ClientSampled :

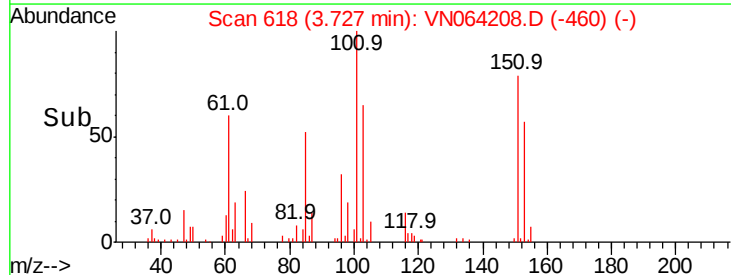
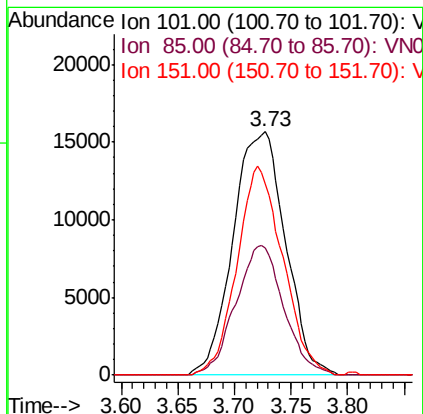
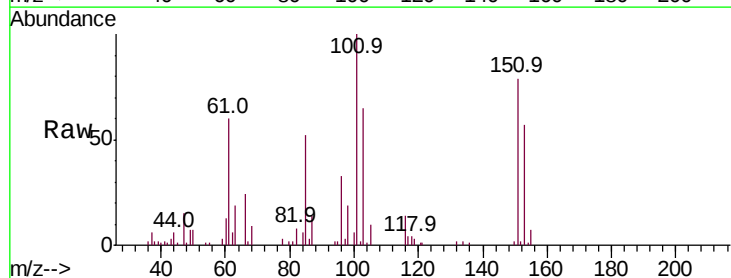
Tot Ion:101 Resp: 101254
Ion Ratio Lower Upper
101 100
103 66.8 50.7 76.1

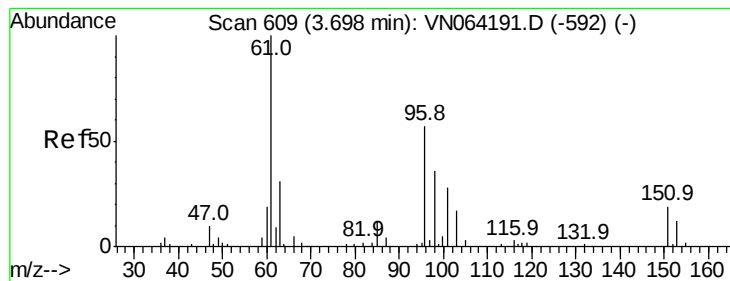


#9

1,1,2-Trichlorotrifluoroethane
Concen: 17.694 ug/l
RT: 3.73 min Scan# 618
Delta R.T. 0.01 min
Lab File: VN064208.D
Acq: 20 Oct 2020 20:15

Tgt Ion:101 Resp: 50416
Ion Ratio Lower Upper
101 100
85 48.8 0.0 94.0
151 75.2 0.0 146.6





#10

1,1-Dichloroethene

Concen: 17.828 ug/l

RT: 3.70 min Scan# 609

Delta R.T. 0.00 min

Lab File: VN064208.D

Acq: 20 Oct 2020 20:15

Instrument :

MSVOA_N

ClientSampled :

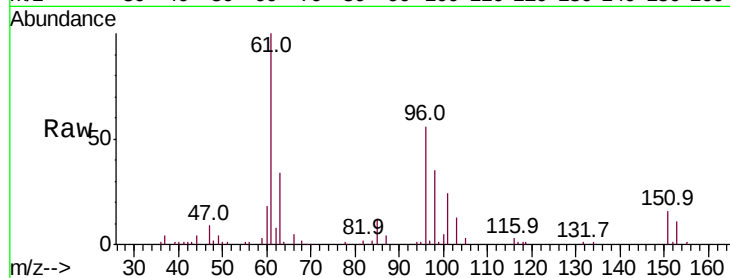
Tot Ion: 96 Resp: 49460

Ion Ratio Lower Upper

96 100

61 179.1 141.0 211.4

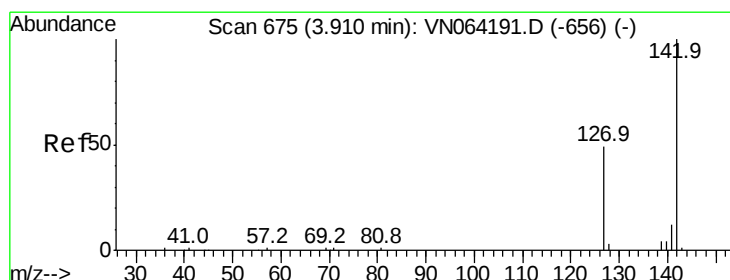
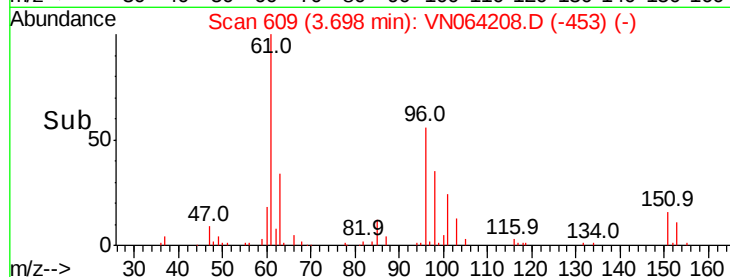
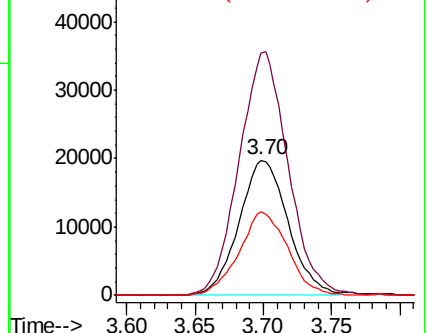
98 62.2 51.4 77.2



Abundance Ion 96.00 (95.70 to 96.70): VN064191.D (-592) (-)

Ion 61.00 (60.70 to 61.70): VN064191.D (-592) (-)

Ion 98.00 (97.70 to 98.70): VN064191.D (-592) (-)



#11

Methyl Iodide

Concen: 16.831 ug/l

RT: 3.92 min Scan# 677

Delta R.T. 0.01 min

Lab File: VN064208.D

Acq: 20 Oct 2020 20:15

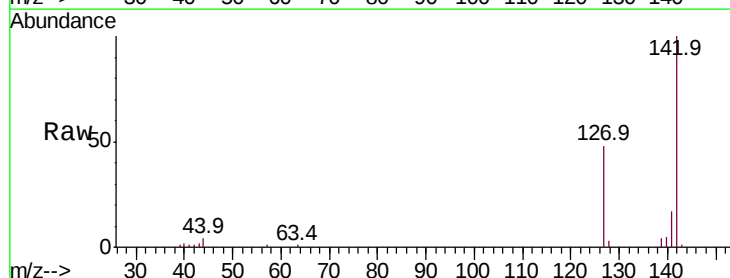
Tgt Ion: 142 Resp: 67305

Ion Ratio Lower Upper

142 100

127 48.5 24.5 73.5

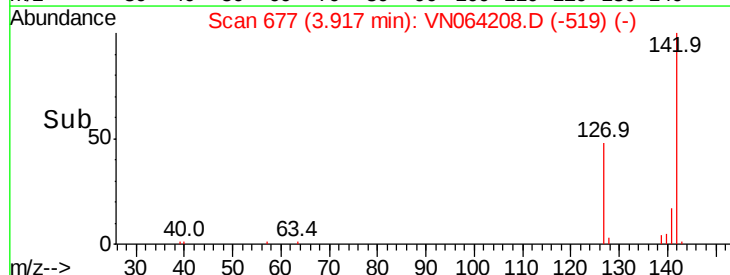
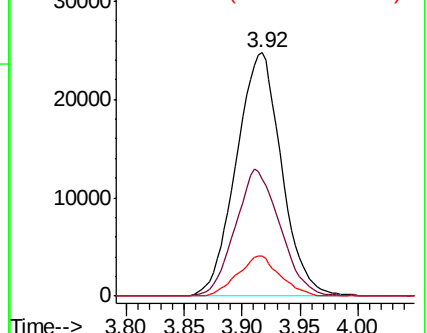
141 16.7 6.0 18.1

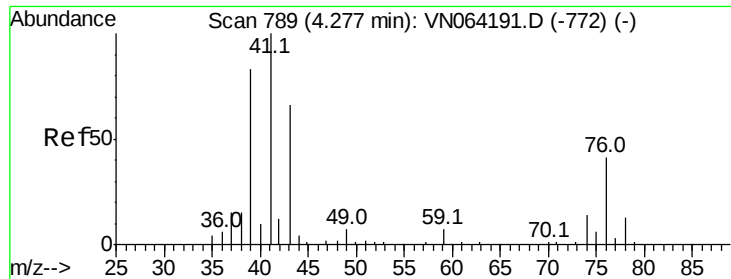


Abundance Ion 142.00 (141.70 to 142.70): VN064191.D (-656) (-)

Ion 127.00 (126.70 to 127.70): VN064191.D (-656) (-)

Ion 141.00 (140.70 to 141.70): VN064191.D (-656) (-)





#12

Methvl Acetate

Concen: 18.350 ug/l

RT: 4.28 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN064208.D

Acq: 20 Oct 2020 20:15

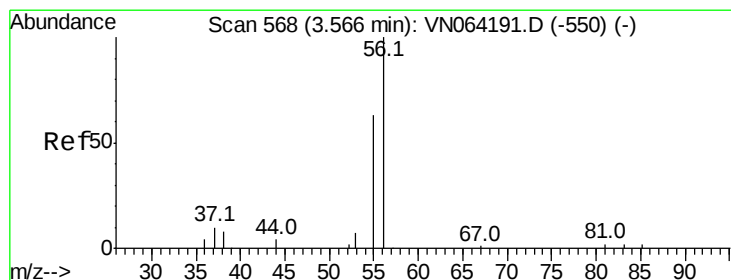
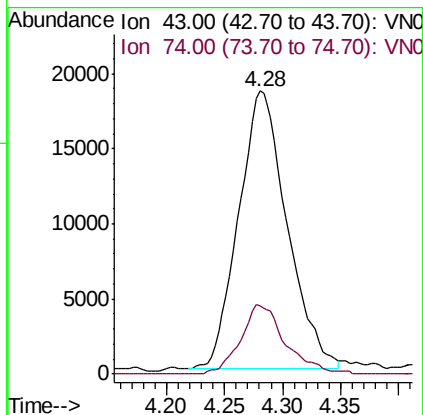
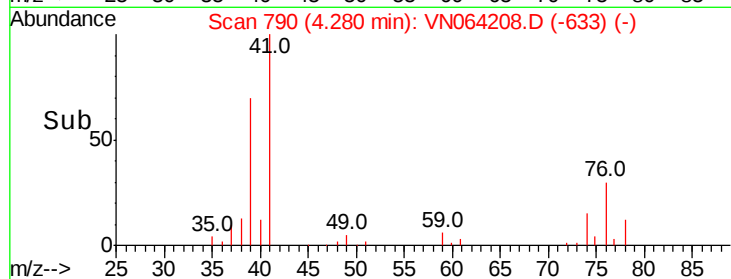
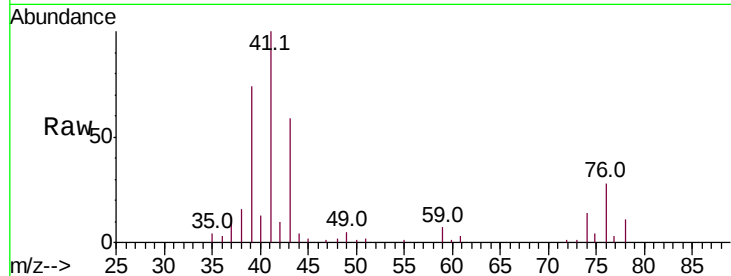
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 53657

Ion Ratio Lower Upper

43 100

74 24.6 16.2 24.2#



#13

Acrolein

Concen: 99.926 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN064208.D

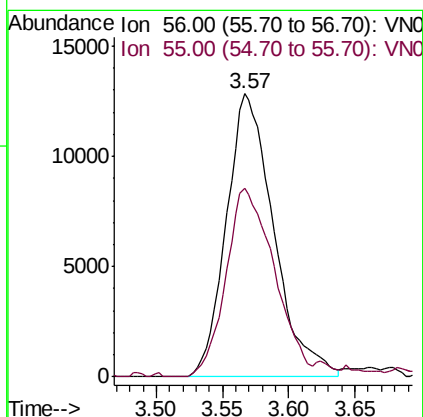
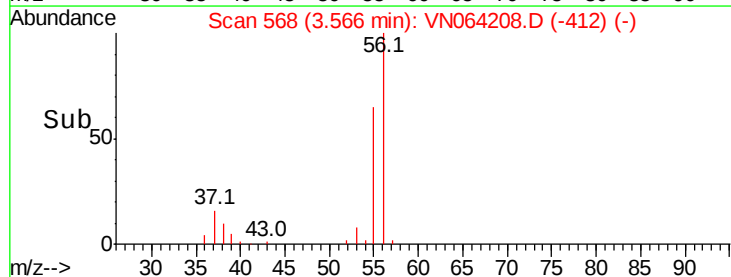
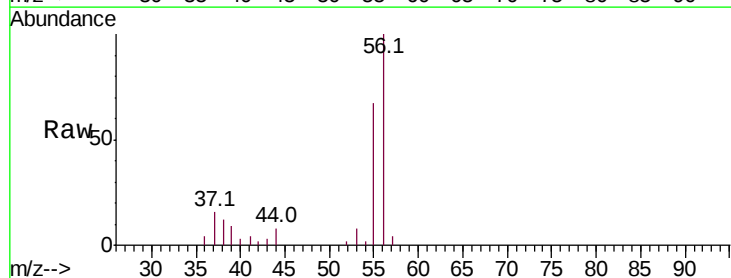
Acq: 20 Oct 2020 20:15

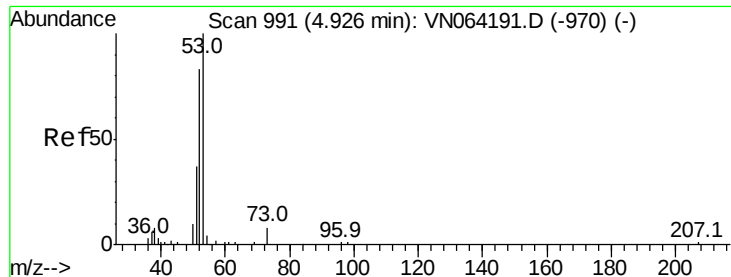
Tgt Ion: 56 Resp: 31949

Ion Ratio Lower Upper

56 100

55 68.0 0.5 0.7#





#14

Acrylonitrile

Concen: 91.384 ug/l

RT: 4.94 min Scan# 994

Delta R.T. 0.01 min

Lab File: VN064208.D

Acq: 20 Oct 2020 20:15

Instrument :

MSVOA_N

ClientSampleId :

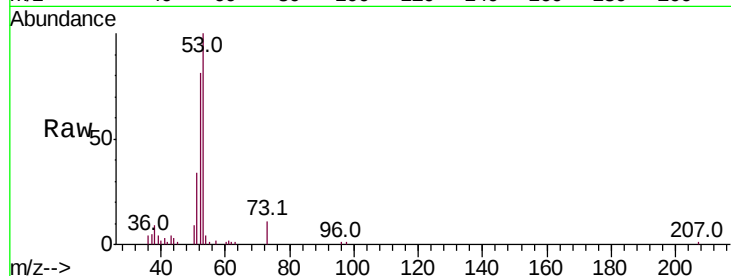
Tot Ion: 53 Resp: 107682

Ion Ratio Lower Upper

53 100

52 42.5 41.3 123.9

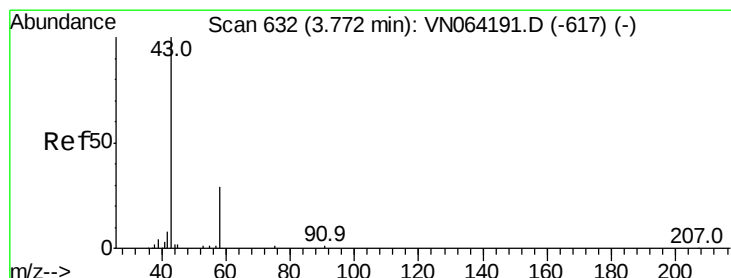
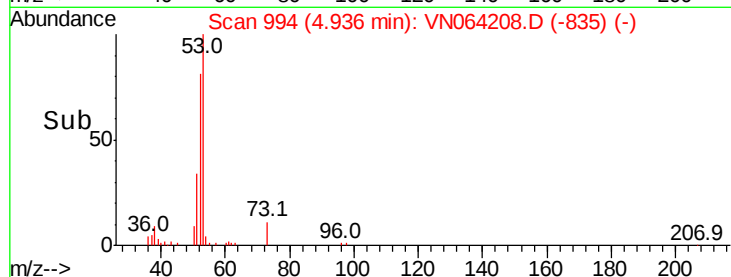
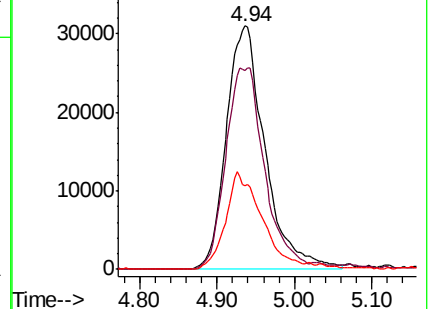
51 19.5 18.1 54.1



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#15

Acetone

Concen: 93.934 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN064208.D

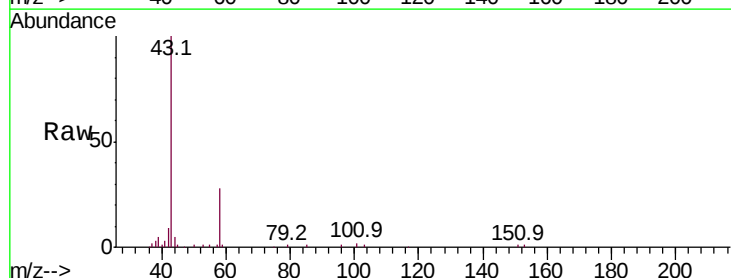
Acq: 20 Oct 2020 20:15

Tgt Ion: 58 Resp: 29885

Ion Ratio Lower Upper

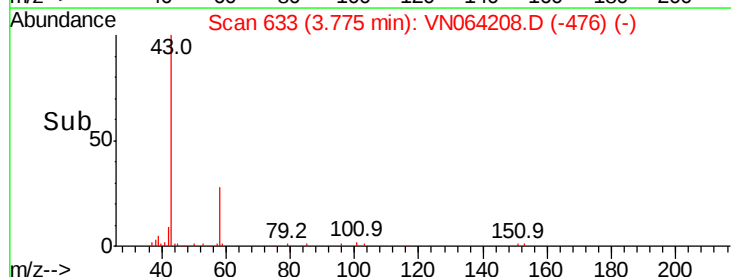
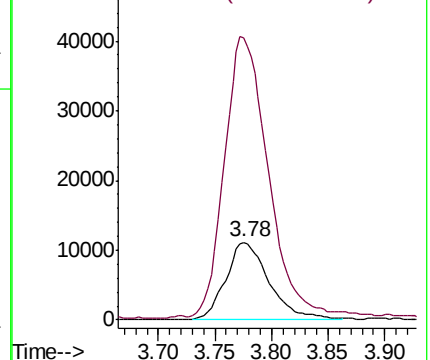
58 100

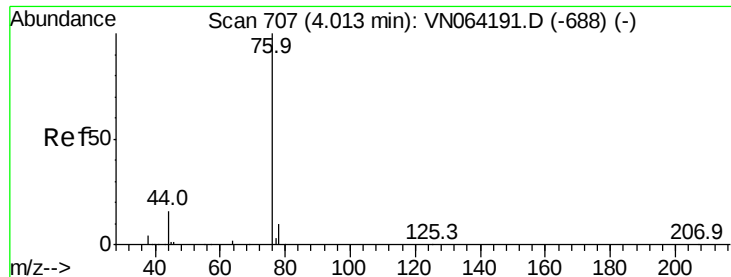
43 356.4 272.1 408.1



Abundance Ion 58.00 (57.70 to 58.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

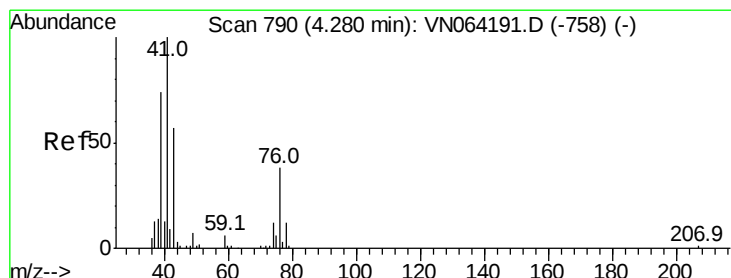
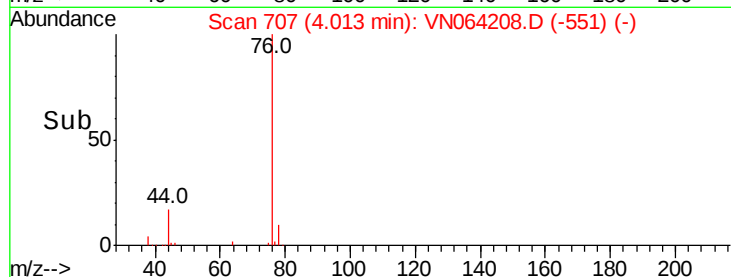
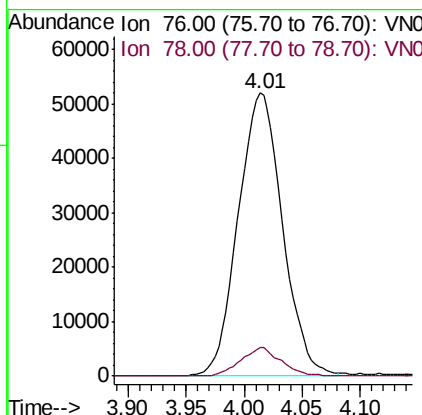
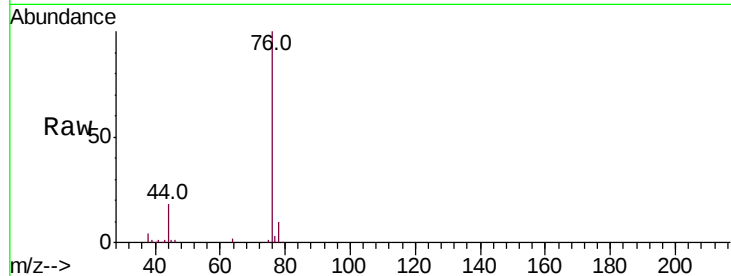




#16
Carbon Disulfide
Concen: 17.422 ug/l
RT: 4.01 min Scan# 707
Delta R.T. 0.00 min
Lab File: VN064208.D
Acq: 20 Oct 2020 20:15

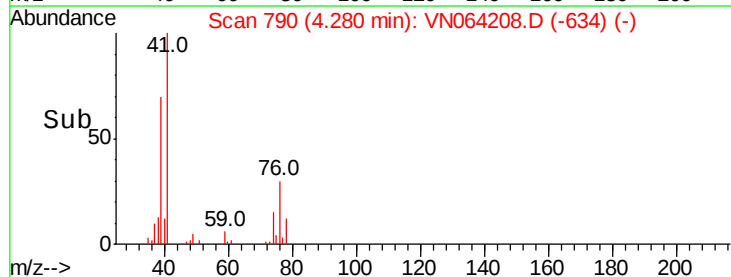
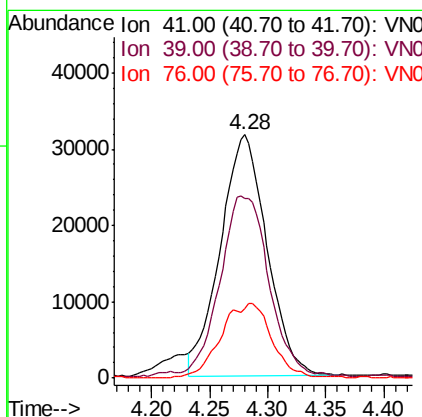
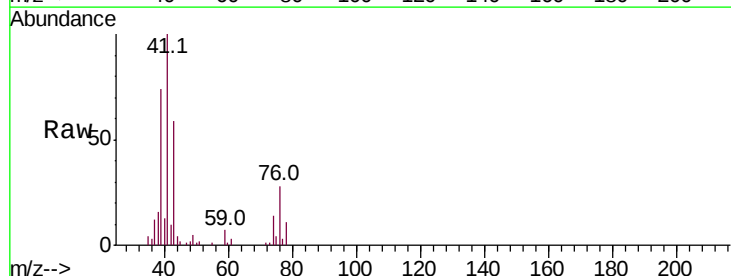
Instrument :
MSVOA_N
ClientSampleId :

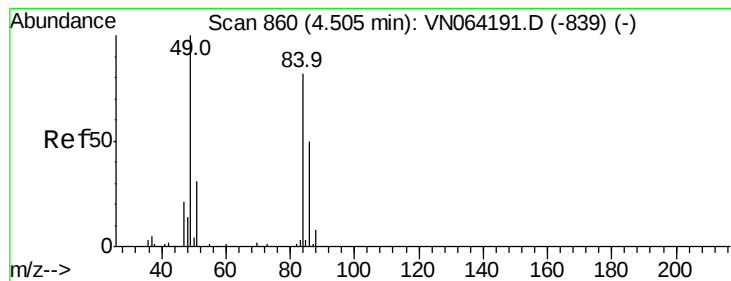
Tot Ion: 76 Resp: 138225
Ion Ratio Lower Upper
76 100
78 10.0 7.7 11.5



#17
Allyl chloride
Concen: 17.040 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN064208.D
Acq: 20 Oct 2020 20:15

Tgt Ion: 41 Resp: 87904
Ion Ratio Lower Upper
41 100
39 73.5 36.8 110.4
76 28.3 18.8 56.4





#18

Methylene Chloride

Concen: 18.229 ug/l

RT: 4.51 min Scan# 862

Delta R.T. 0.01 min

Lab File: VN064208.D

Acq: 20 Oct 2020 20:15

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 84 Resp: 57842

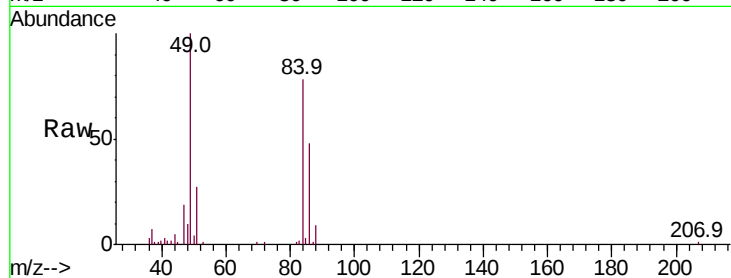
Ion Ratio Lower Upper

84 100

49 128.5 97.6 146.4

51 34.9 31.1 46.7

86 61.4 49.3 73.9



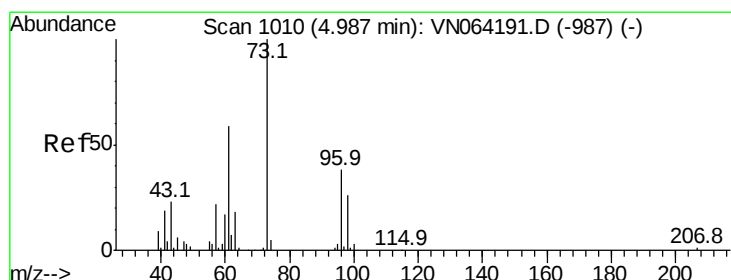
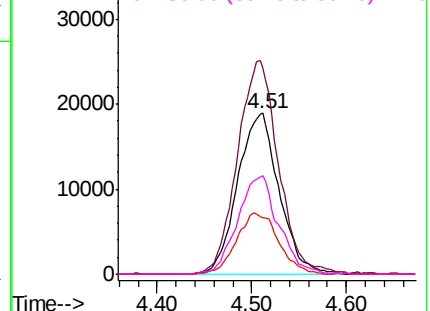
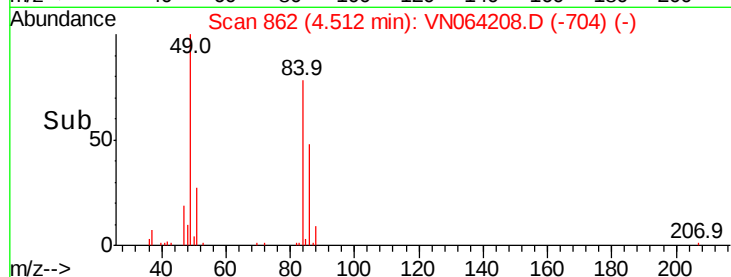
Abundance

Ion 84.00 (83.70 to 84.70): VN0

Ion 49.00 (48.70 to 49.70): VN0

Ion 51.00 (50.70 to 51.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#19

trans-1,2-Dichloroethene

Concen: 17.118 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. 0.00 min

Lab File: VN064208.D

Acq: 20 Oct 2020 20:15

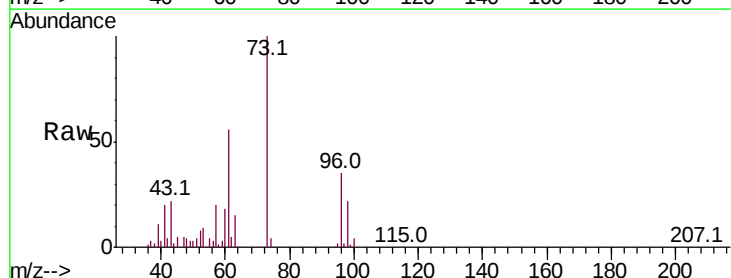
Tgt Ion: 96 Resp: 51231

Ion Ratio Lower Upper

96 100

61 154.6 125.5 188.3

98 59.9 54.7 82.1

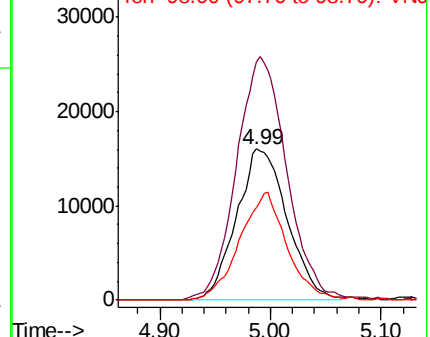
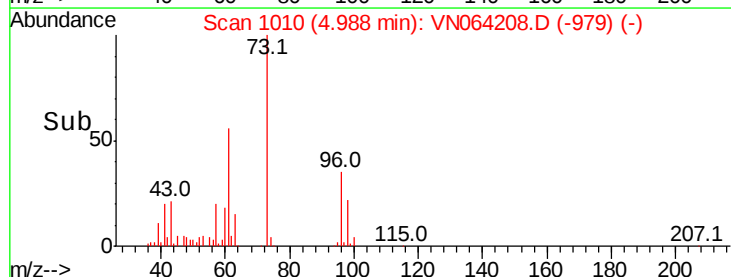


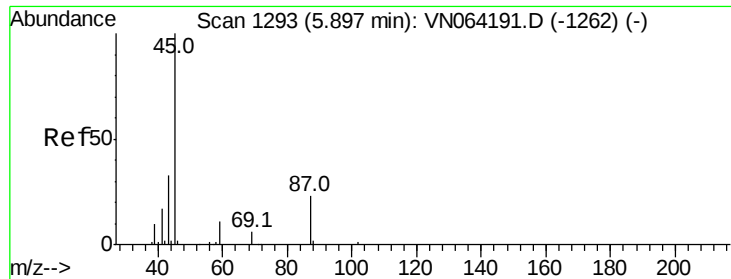
Abundance

Ion 96.00 (95.70 to 96.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 98.00 (97.70 to 98.70): VN0

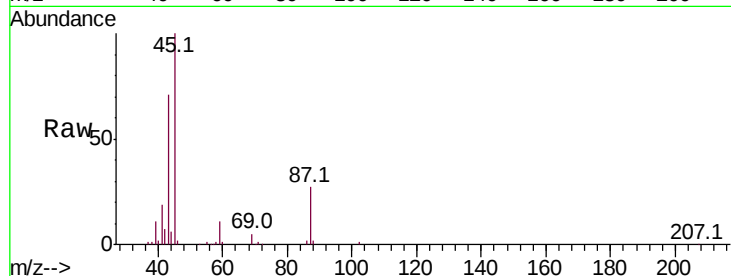




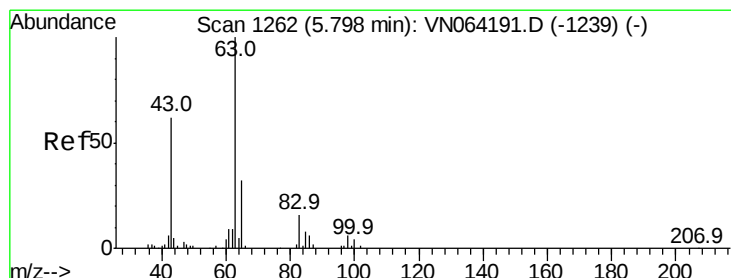
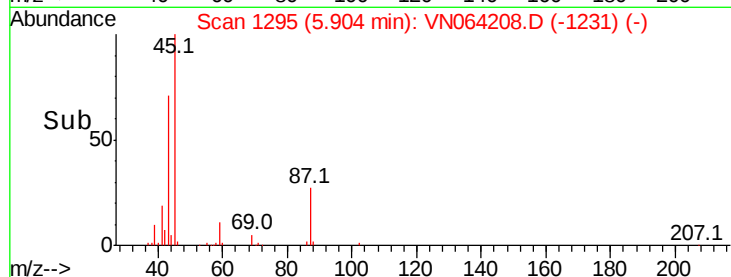
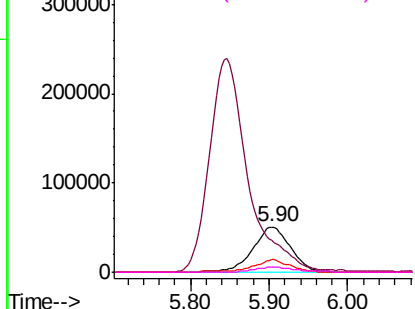
#20
Diisopropyl ether
Concen: 18.126 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. 0.01 min
Lab File: VN064208.D
Acq: 20 Oct 2020 20:15

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:	45	Resp:	172802
Ion	Ratio	Lower	Upper
45	100		
43	66.8	55.1	82.7
87	27.3	19.4	29.2
59	11.4	8.7	13.1

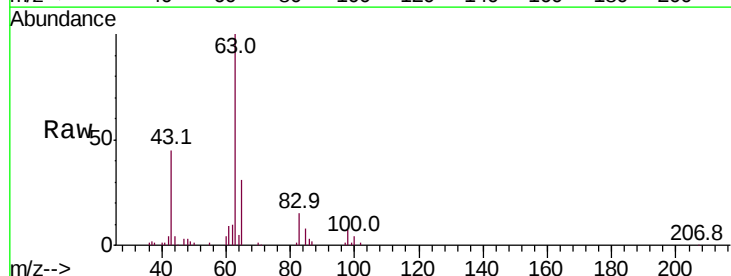


Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0

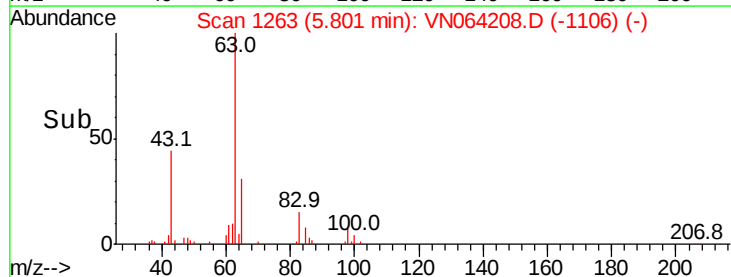
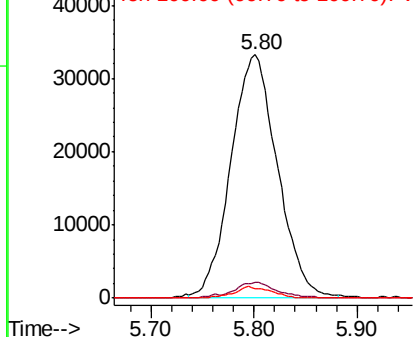


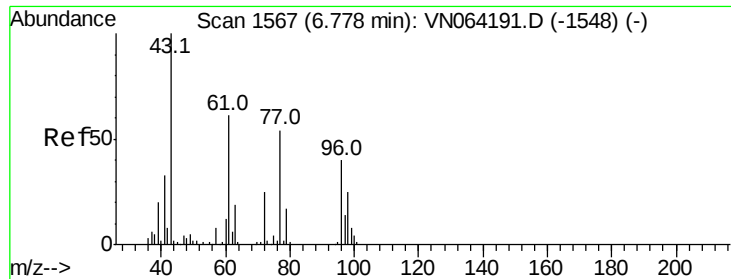
#21
1,1-Dichloroethane
Concen: 17.931 ug/l
RT: 5.80 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VN064208.D
Acq: 20 Oct 2020 20:15

Tgt Ion:	63	Resp:	104360
Ion	Ratio	Lower	Upper
63	100		
98	6.6	2.9	8.7
100	3.9	2.1	6.3



Abundance Ion 63.00 (62.70 to 63.70): VN0
Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0

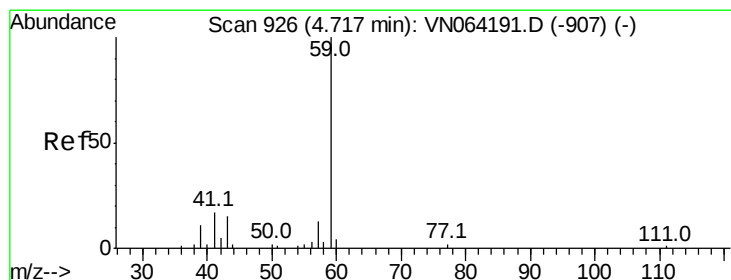
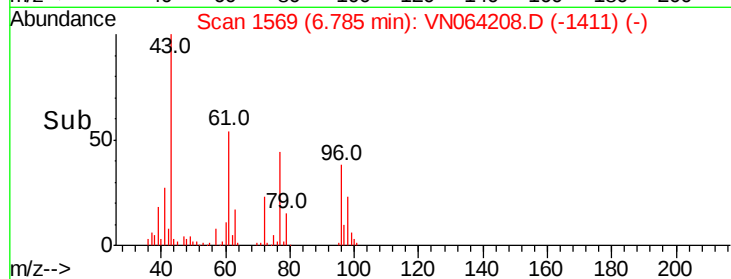
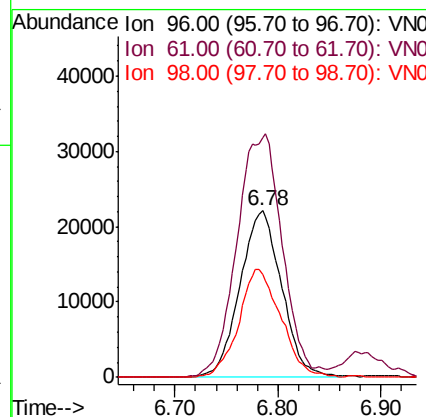
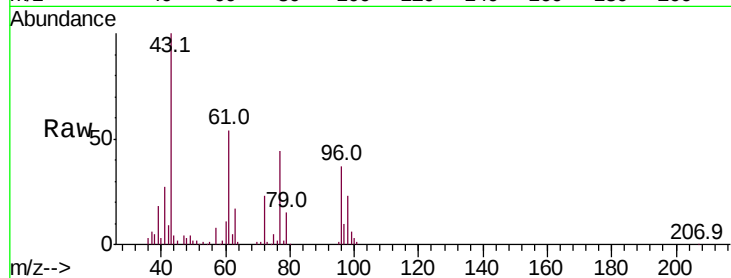




#22
 cis-1,2-Dichloroethene
 Concen: 17.794 ug/l
 RT: 6.78 min Scan# 1569
 Delta R.T. 0.01 min
 Lab File: VN064208.D
 Acq: 20 Oct 2020 20:15

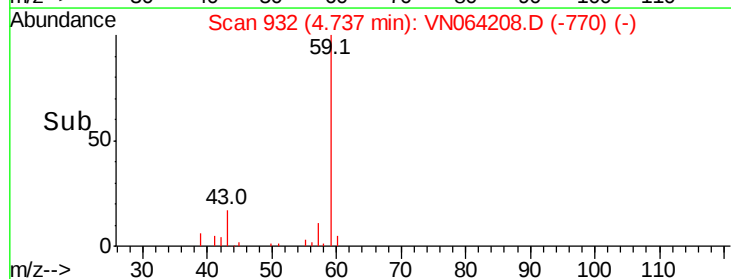
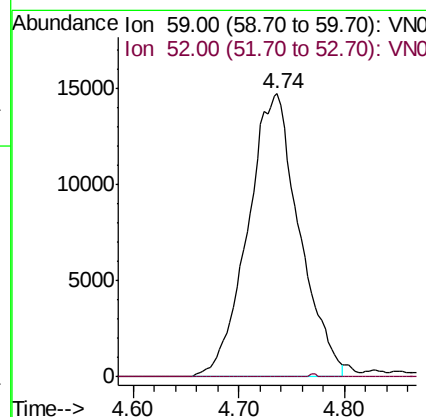
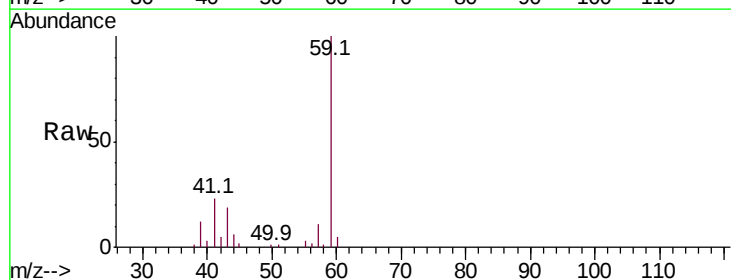
Instrument :
 MSVOA_N
 ClientSampled :

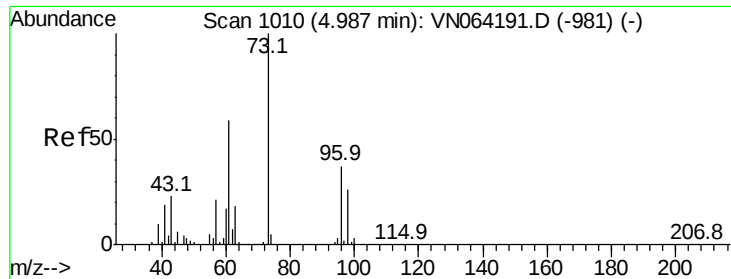
Tot Ion: 96 Resp: 62254
 Ion Ratio Lower Upper
 96 100
 61 71.5 126.2 189.4#
 98 65.3 50.2 75.4



#23
 tert-Butyl Alcohol
 Concen: 91.748 ug/l
 RT: 4.74 min Scan# 932
 Delta R.T. 0.02 min
 Lab File: VN064208.D
 Acq: 20 Oct 2020 20:15

Tgt Ion: 59 Resp: 50003
 Ion Ratio Lower Upper
 59 100
 52 0.1 0.0 0.0#

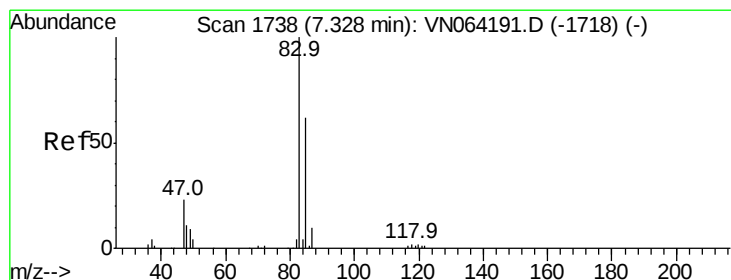
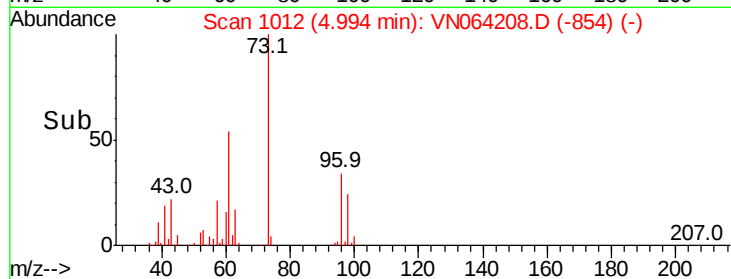
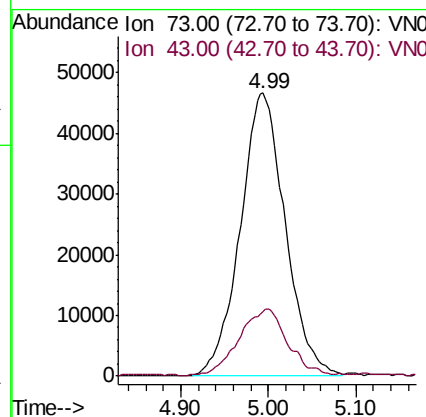
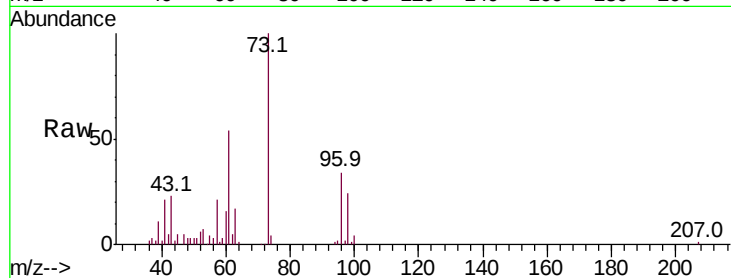




#24
Methvl tert-Butvl Ether
Concen: 18.166 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VN064208.D
Acq: 20 Oct 2020 20:15

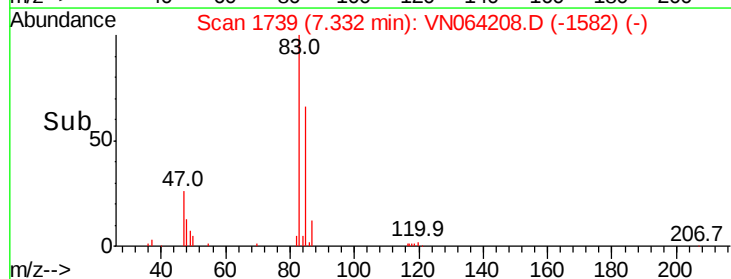
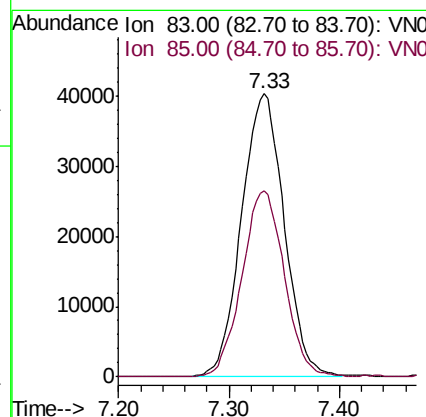
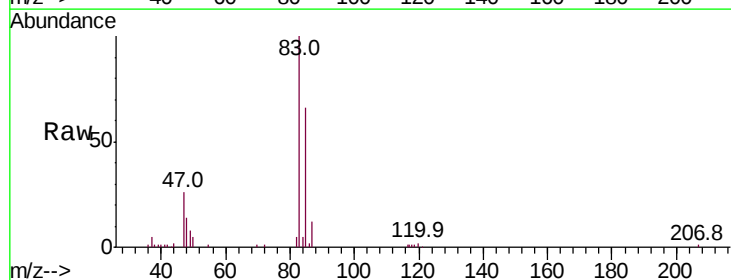
Instrument :
MSVOA_N
ClientSampled :

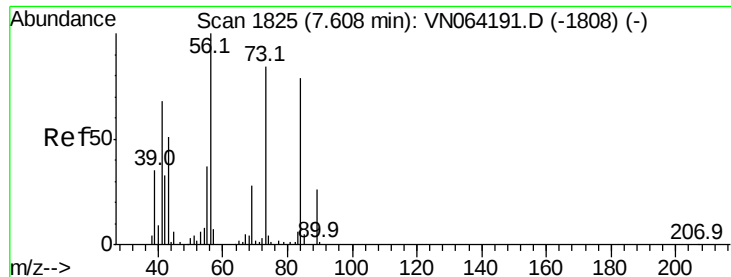
Tot Ion: 73 Resp: 166535
Ion Ratio Lower Upper
73 100
43 24.1 18.2 27.2



#25
Chloroform
Concen: 17.880 ug/l
RT: 7.33 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VN064208.D
Acq: 20 Oct 2020 20:15

Tgt Ion: 83 Resp: 108125
Ion Ratio Lower Upper
83 100
85 65.8 49.7 74.5

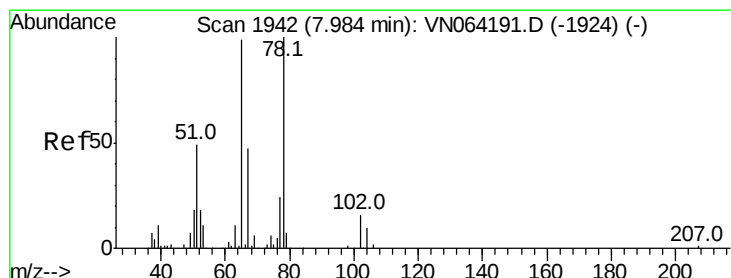
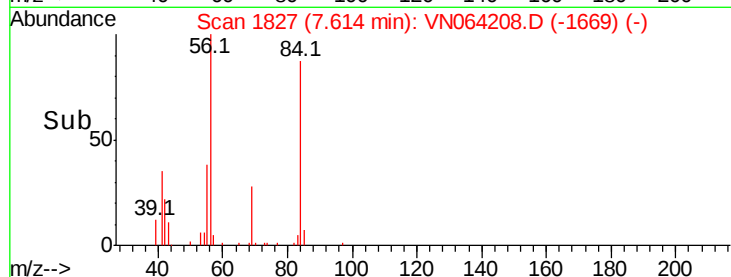
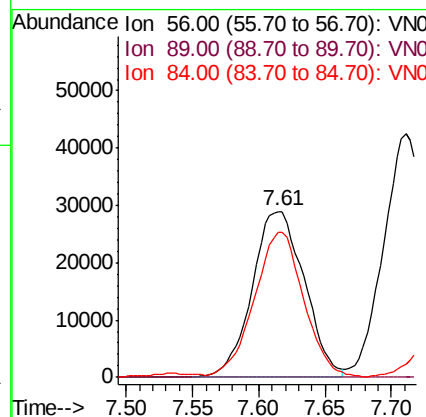
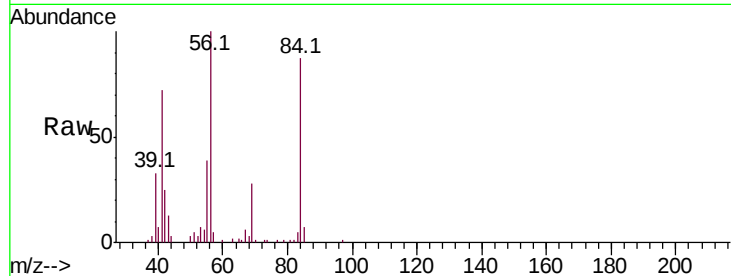




#26
Cvclohexane
Concen: 17.172 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. 0.01 min
Lab File: VN064208.D
Acq: 20 Oct 2020 20:15

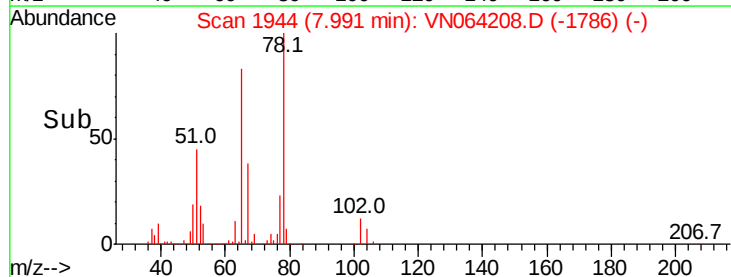
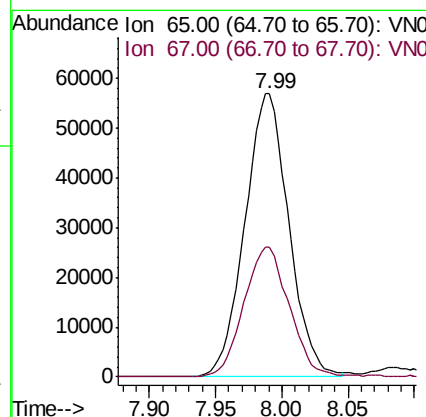
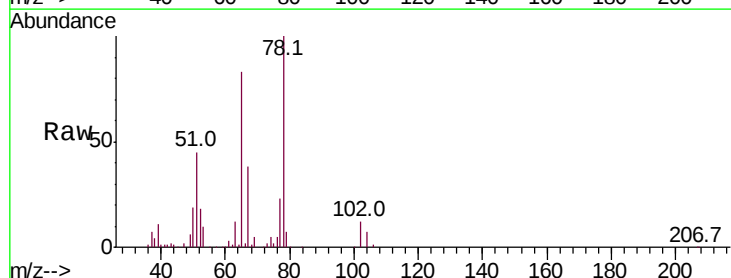
Instrument :
MSVOA_N
ClientSampleId :

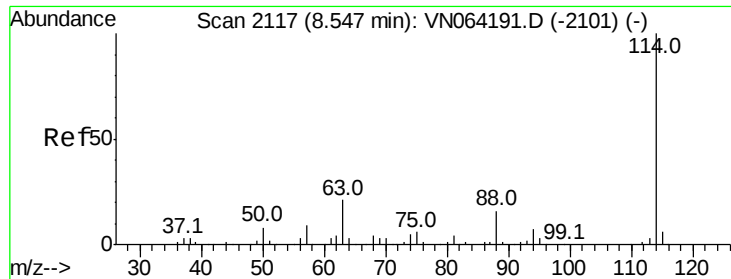
Tot Ion: 56 Resp: 79241
Ion Ratio Lower Upper
56 100
89 0.0 21.4 32.0#
84 83.1 65.8 98.6



#27
1,2-Dichloroethane-d4
Concen: 33.002 ug/l
RT: 7.99 min Scan# 1944
Delta R.T. 0.01 min
Lab File: VN064208.D
Acq: 20 Oct 2020 20:15

Tgt Ion: 65 Resp: 131369
Ion Ratio Lower Upper
65 100
67 47.1 39.8 59.6

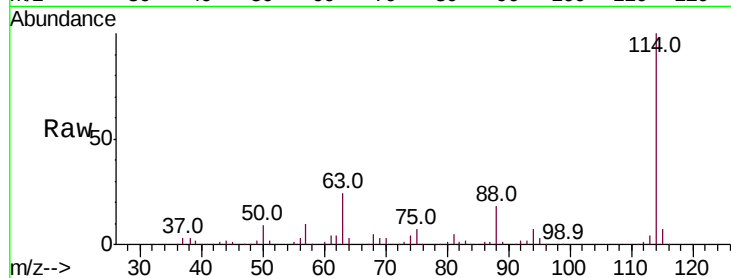




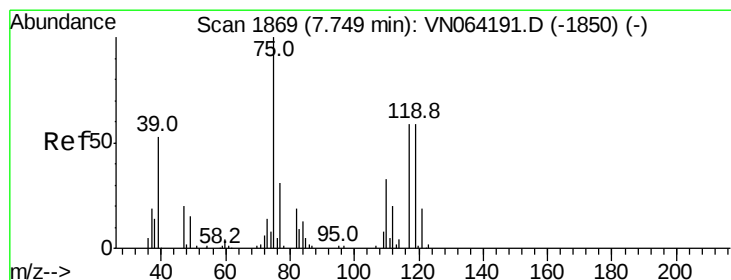
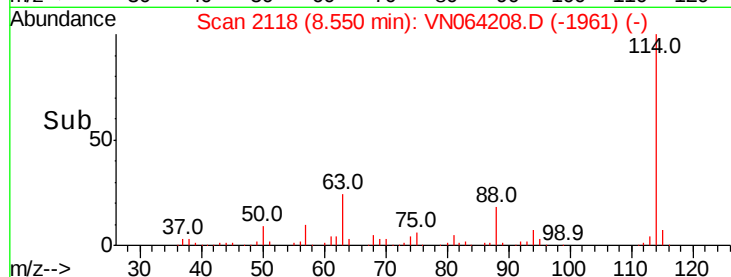
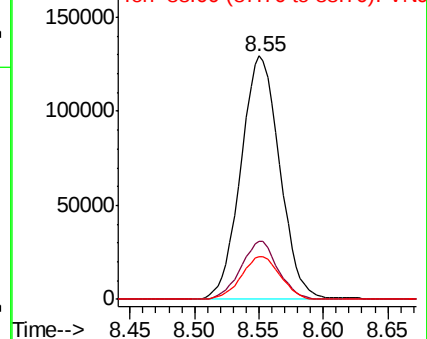
#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064208.D
 Acq: 20 Oct 2020 20:15

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:114 Resp: 271651
 Ion Ratio Lower Upper
 114 100
 63 22.7 17.0 25.4
 88 17.6 13.0 19.4

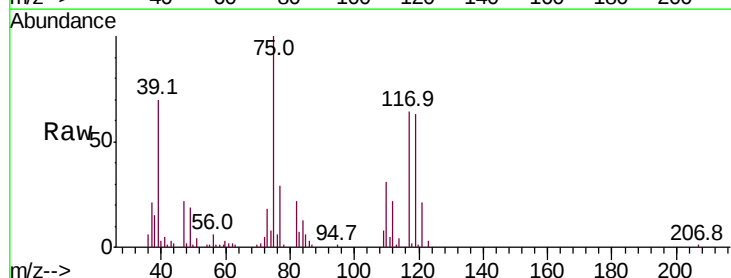


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 88.00 (87.70 to 88.70): VN

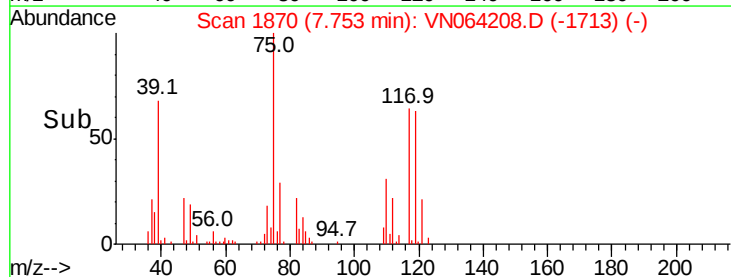
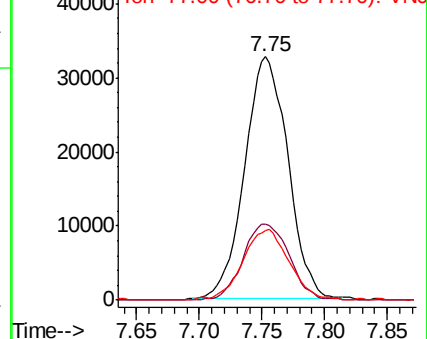


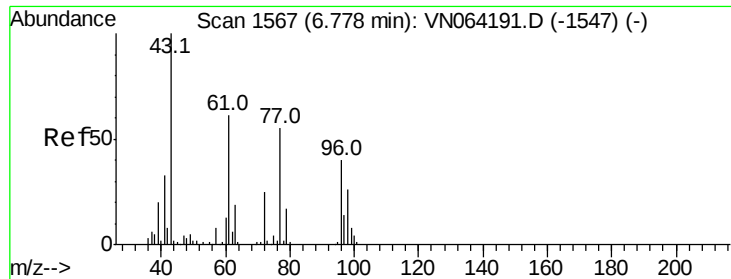
#29
 1,1-Dichloropropene
 Concen: 17.326 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN064208.D
 Acq: 20 Oct 2020 20:15

Tgt Ion: 75 Resp: 78167
 Ion Ratio Lower Upper
 75 100
 110 33.5 0.0 66.8
 77 31.0 0.0 63.6



Abundance Ion 75.00 (74.70 to 75.70): VN
 Ion 110.00 (109.70 to 110.70): V
 Ion 77.00 (76.70 to 77.70): VN

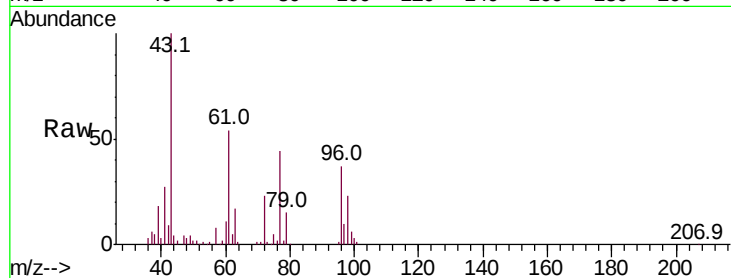




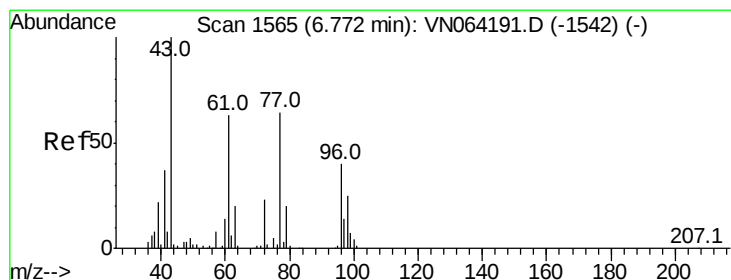
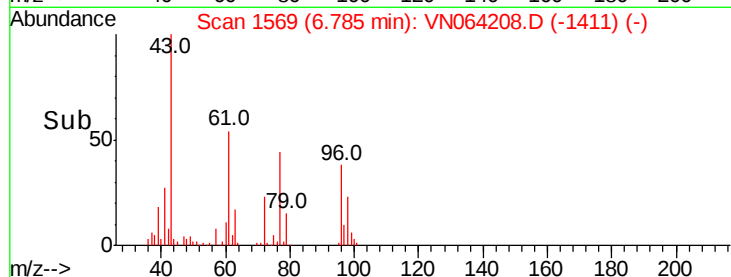
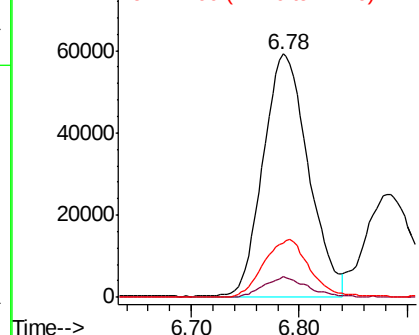
#30
2-Butanone
Concen: 92.180 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. 0.01 min
Lab File: VN064208.D
Acq: 20 Oct 2020 20:15

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 171489
Ion Ratio Lower Upper
43 100
57 8.1 5.8 8.6
72 24.2 19.8 29.8

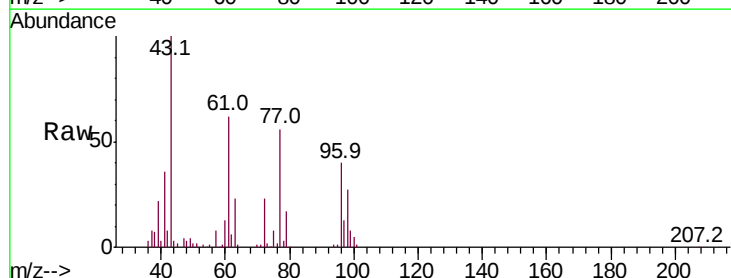


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 57.00 (56.70 to 57.70): VN0
Ion 72.00 (71.70 to 72.70): VN0

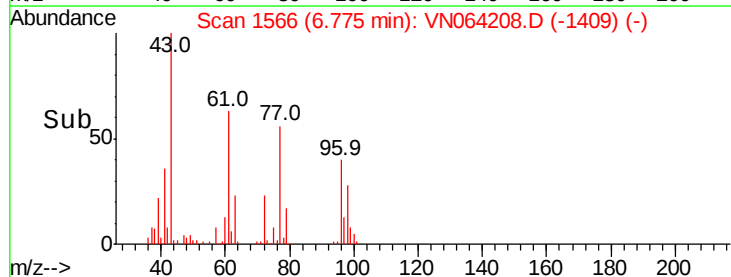
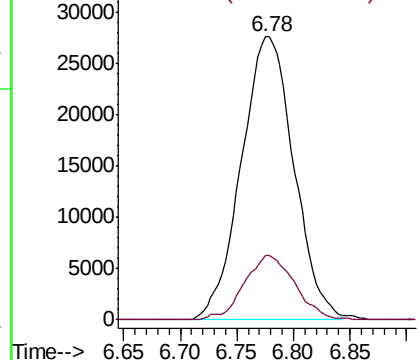


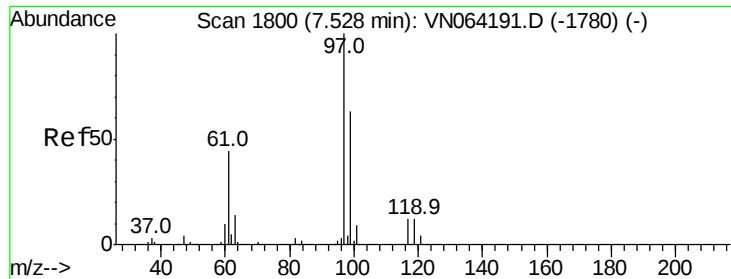
#31
2,2-Dichloropropane
Concen: 15.610 ug/l
RT: 6.78 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VN064208.D
Acq: 20 Oct 2020 20:15

Tgt Ion: 77 Resp: 89405
Ion Ratio Lower Upper
77 100
97 21.4 17.3 25.9



Abundance Ion 77.00 (76.70 to 77.70): VN0
Ion 97.00 (96.70 to 97.70): VN0

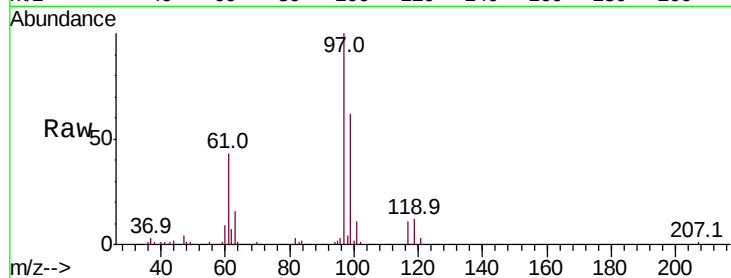




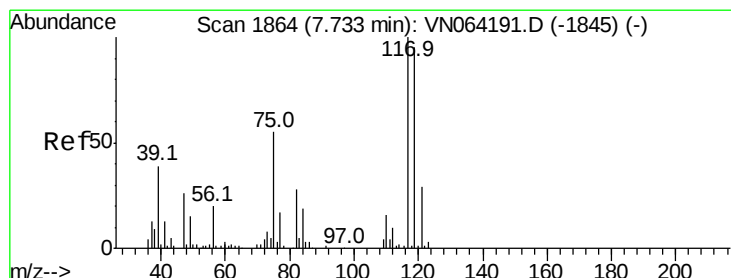
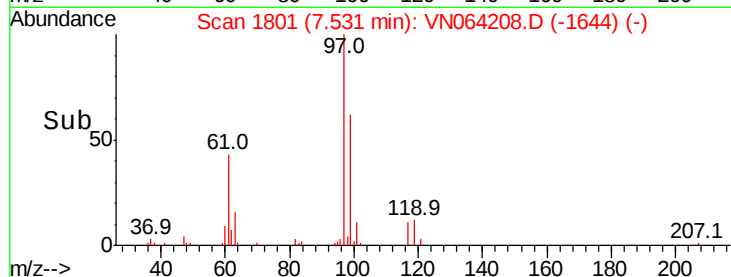
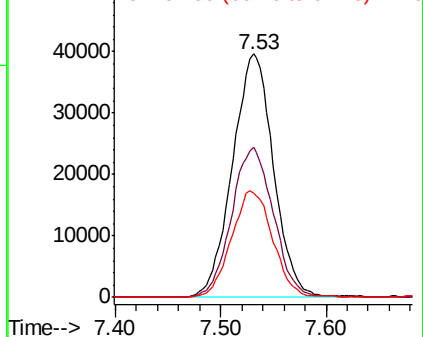
#32
 1,1,1-Trichloroethane
 Concen: 18.622 ug/l
 RT: 7.53 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: VN064208.D
 Acq: 20 Oct 2020 20:15

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 97 Resp: 107040
 Ion Ratio Lower Upper
 97 100
 99 62.5 51.3 76.9
 61 43.9 34.8 52.2

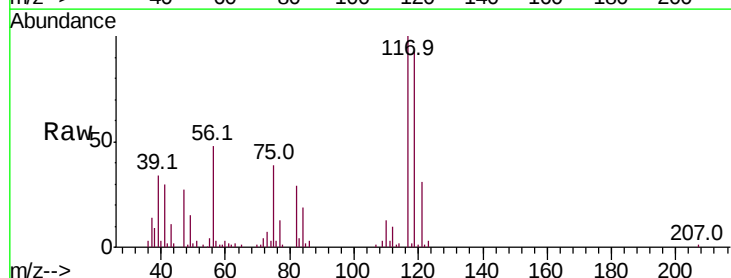


Abundance Ion 97.00 (96.70 to 97.70): VN0
 Ion 99.00 (98.70 to 99.70): VN0
 Ion 61.00 (60.70 to 61.70): VN0

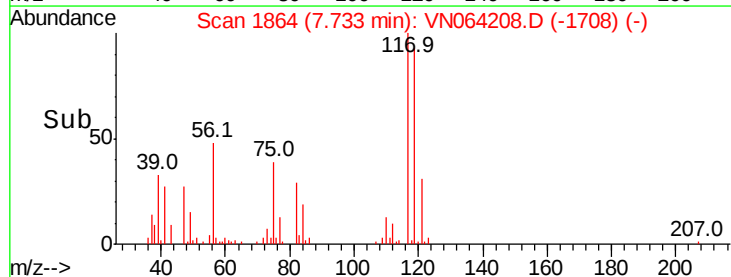
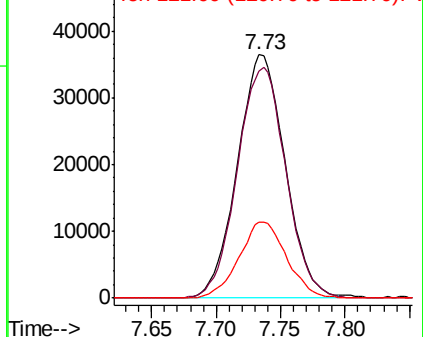


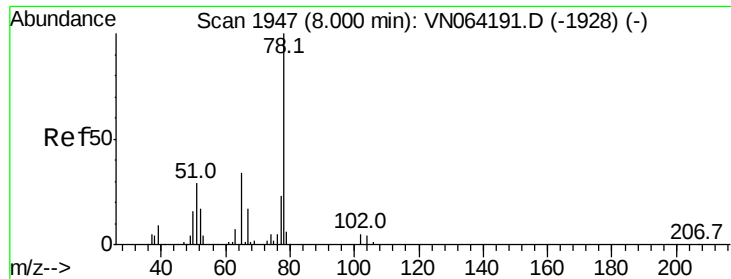
#33
 Carbon Tetrachloride
 Concen: 17.935 ug/l
 RT: 7.73 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VN064208.D
 Acq: 20 Oct 2020 20:15

Tgt Ion: 117 Resp: 93988
 Ion Ratio Lower Upper
 117 100
 119 92.6 76.0 114.0
 121 31.2 23.0 34.6



Abundance Ion 117.00 (116.70 to 117.70): V
 Ion 119.00 (118.70 to 119.70): V
 Ion 121.00 (120.70 to 121.70): V





#34

Benzene

Concen: 17.959 ug/l

RT: 8.00 min Scan# 1948

Delta R.T. 0.00 min

Lab File: VN064208.D

Acq: 20 Oct 2020 20:15

Instrument :
MSVOA_N
ClientSampleId :

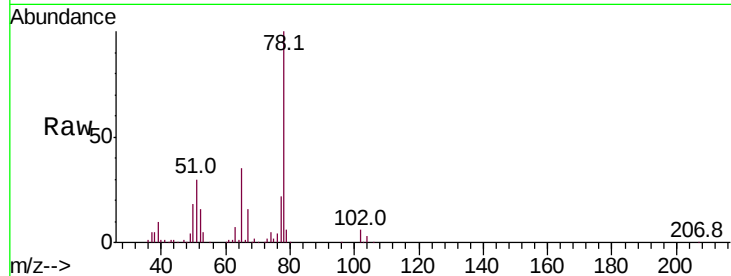
Tot Ion: 78 Resp: 225620

Ion Ratio Lower Upper

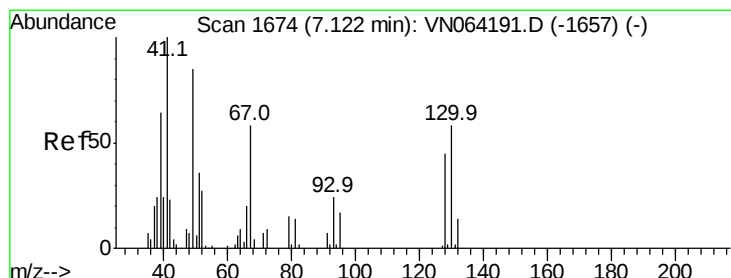
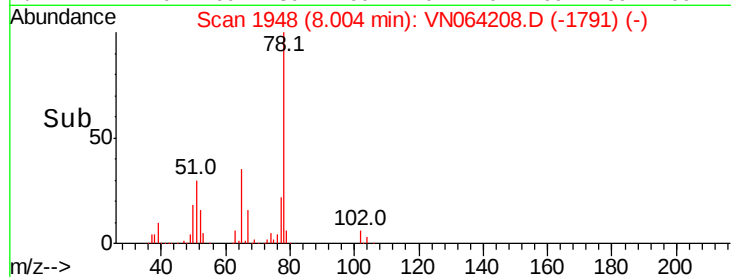
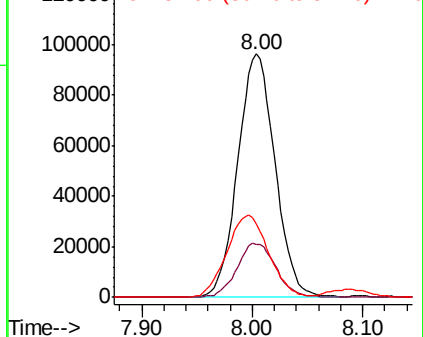
78 100

77 22.0 18.4 27.6

51 30.0 23.0 34.6



Abundance Ion 78.10 (77.80 to 78.80): VNO
Ion 77.00 (76.70 to 77.70): VNO
Ion 51.00 (50.70 to 51.70): VNO



#35

Methacrylonitrile

Concen: 15.996 ug/l

RT: 7.12 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VN064208.D

Acq: 20 Oct 2020 20:15

Tgt Ion: 41 Resp: 32643

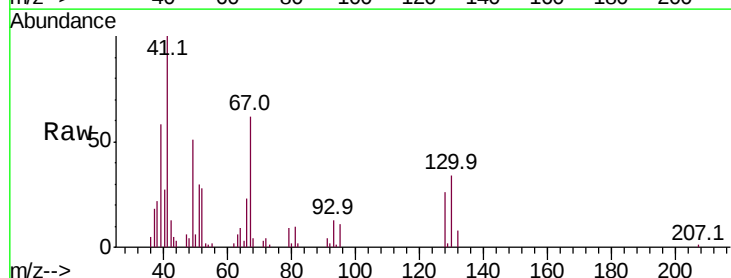
Ion Ratio Lower Upper

41 100

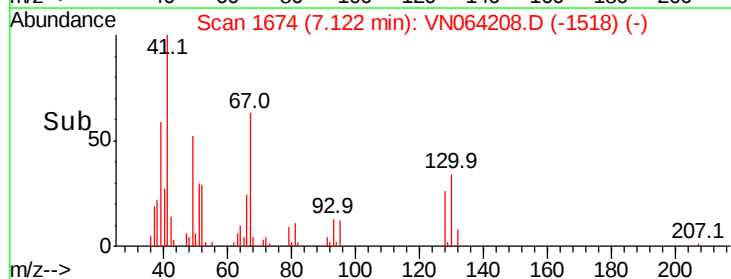
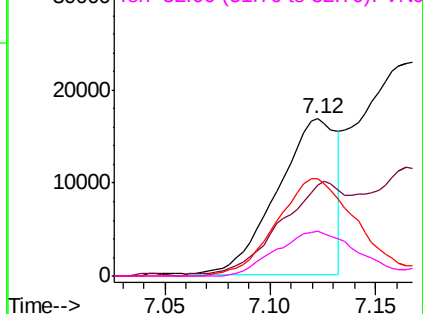
39 56.9 32.1 96.3

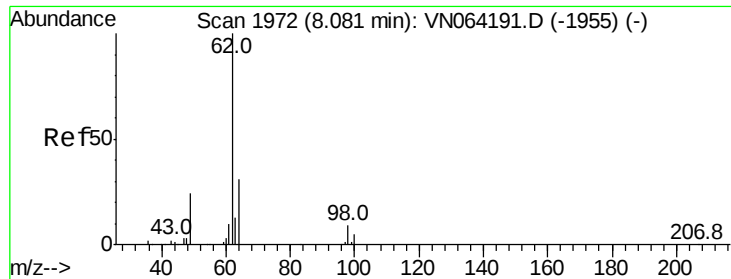
67 62.4 28.9 86.8

52 28.7 13.4 40.2



Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

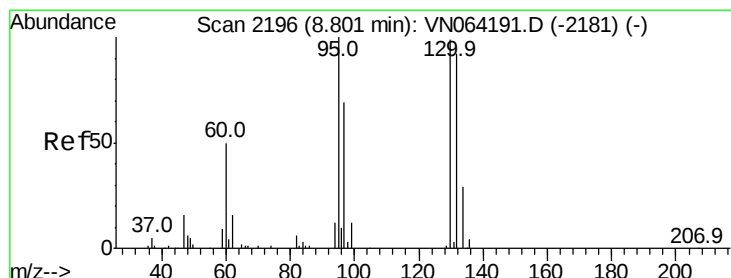
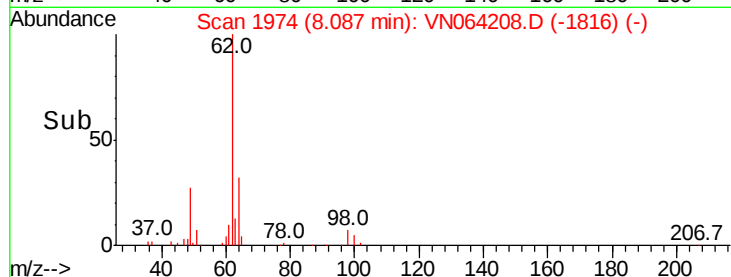
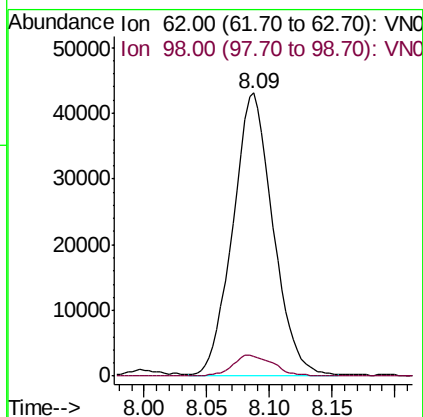
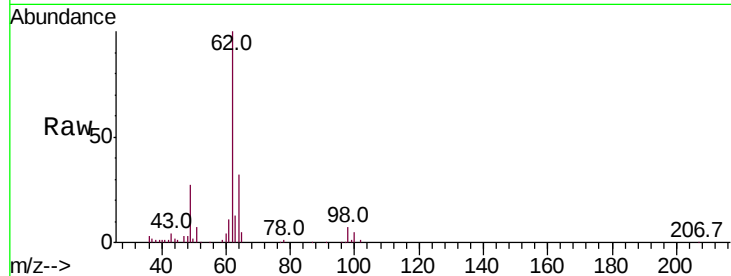




#36
 1,2-Dichloroethane
 Concen: 18.812 ug/l
 RT: 8.09 min Scan# 1974
 Delta R.T. 0.01 min
 Lab File: VN064208.D
 Acq: 20 Oct 2020 20:15

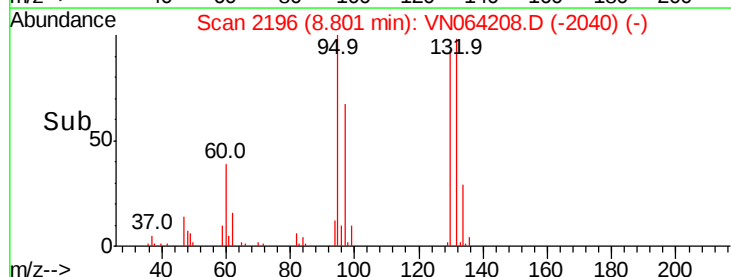
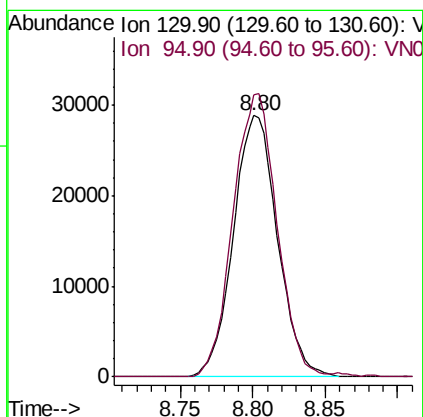
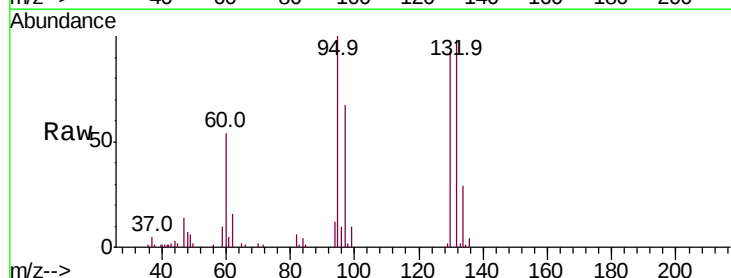
Instrument :
 MSVOA_N
 ClientSampleId :

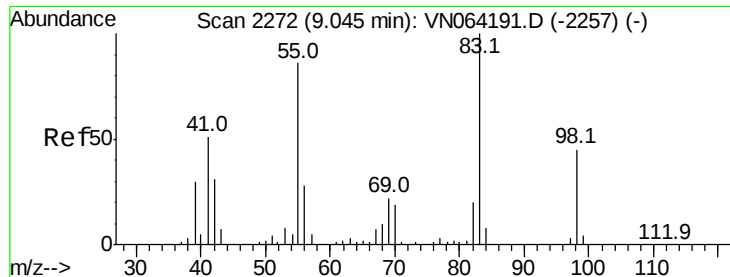
Tot Ion: 62 Resp: 95586
 Ion Ratio Lower Upper
 62 100
 98 7.4 6.3 9.5



#37
 Trichloroethene
 Concen: 17.680 ug/l
 RT: 8.80 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: VN064208.D
 Acq: 20 Oct 2020 20:15

Tgt Ion:130 Resp: 61153
 Ion Ratio Lower Upper
 130 100
 95 107.8 81.0 121.4

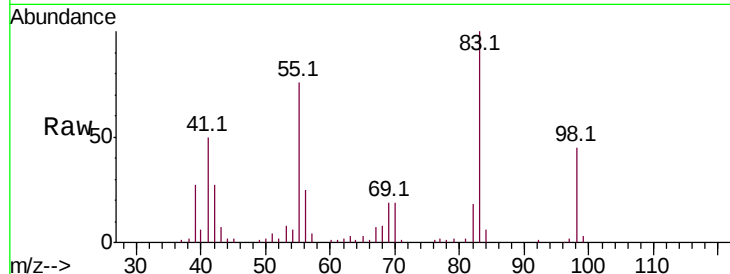




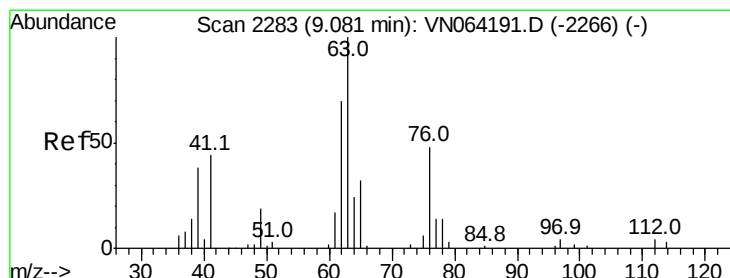
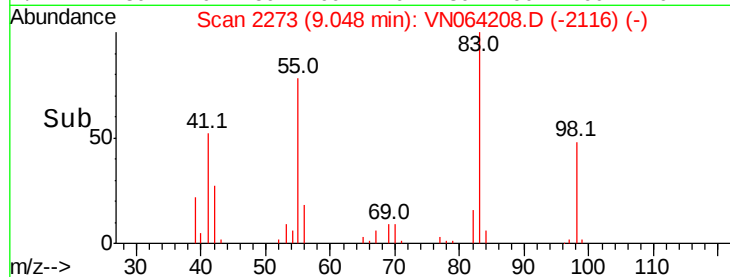
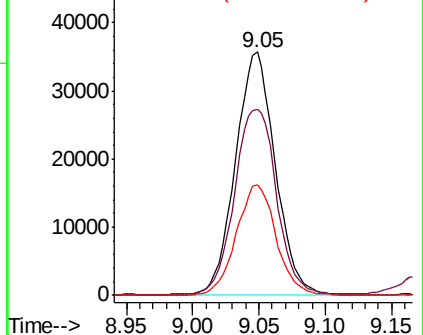
#38
Methvlcvclohexane
Concen: 17.341 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN064208.D
Acq: 20 Oct 2020 20:15

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 83 Resp: 74823
Ion Ratio Lower Upper
83 100
55 80.7 40.3 120.9
98 45.0 22.4 67.0

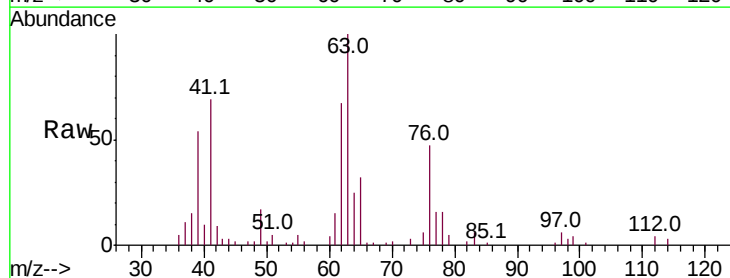


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

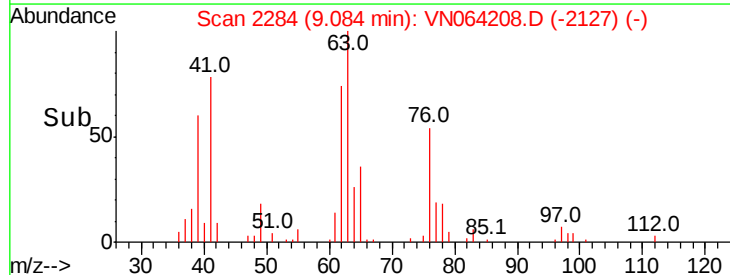
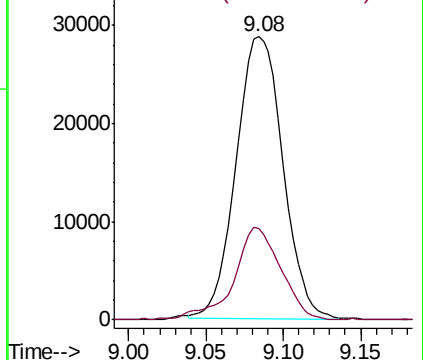


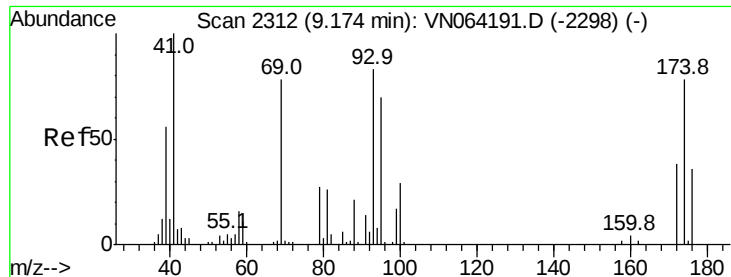
#39
1,2-Dichloropropane
Concen: 18.052 ug/l
RT: 9.08 min Scan# 2284
Delta R.T. 0.00 min
Lab File: VN064208.D
Acq: 20 Oct 2020 20:15

Tgt Ion: 63 Resp: 60520
Ion Ratio Lower Upper
63 100
65 32.4 26.5 39.7



Abundance Ion 63.00 (62.70 to 63.70): VN0
Ion 65.00 (64.70 to 65.70): VN0





#40

Dibromomethane

Concen: 18.616 ug/l

RT: 9.18 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN064208.D

Acq: 20 Oct 2020 20:15

Instrument :
MSVOA_N
ClientSampled :

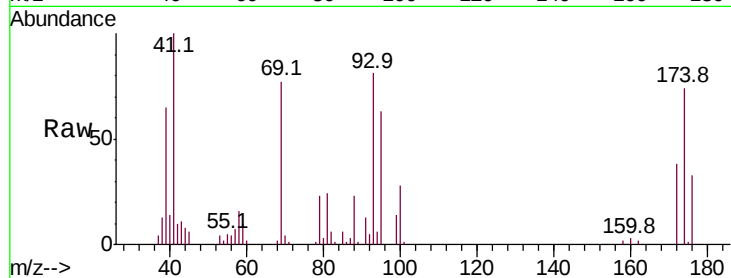
Tot Ion: 93 Resp: 43425

Ion Ratio Lower Upper

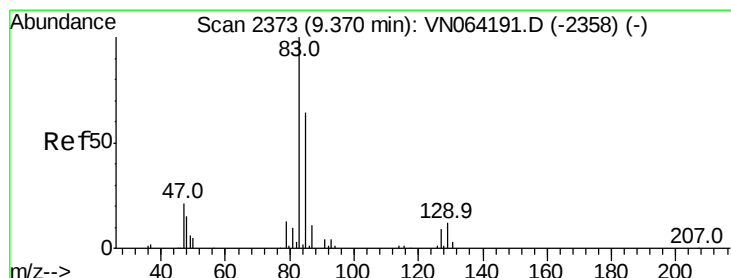
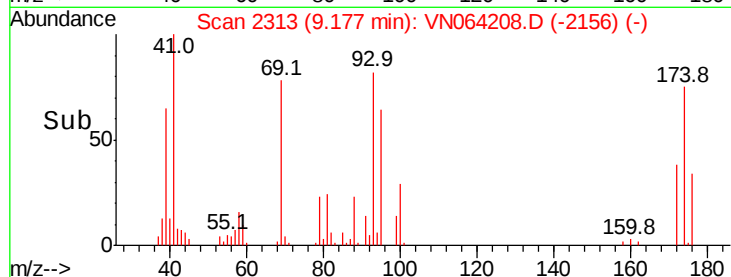
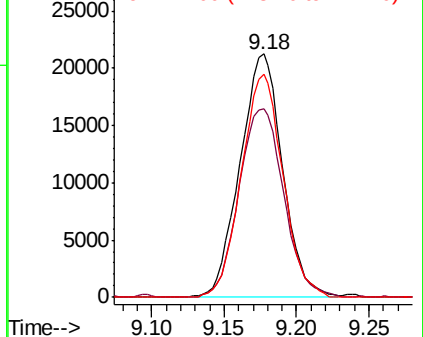
93 100

95 81.5 0.0 169.2

174 89.4 0.0 187.4



Abundance Ion 93.00 (92.70 to 93.70): VN0
Ion 95.00 (94.70 to 95.70): VN0
Ion 174.00 (173.70 to 174.70): V



#41

Bromodichloromethane

Concen: 18.276 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN064208.D

Acq: 20 Oct 2020 20:15

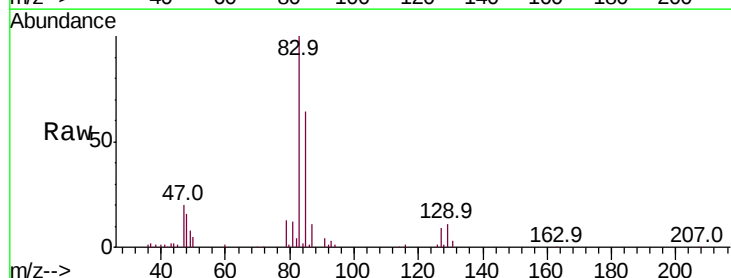
Tgt Ion: 83 Resp: 92264

Ion Ratio Lower Upper

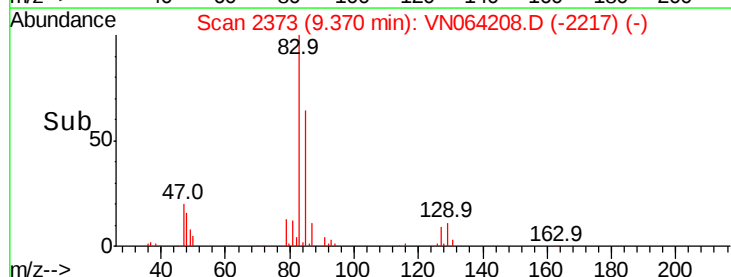
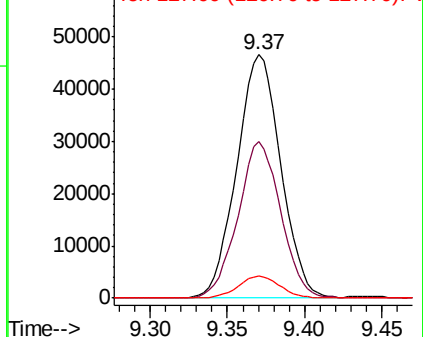
83 100

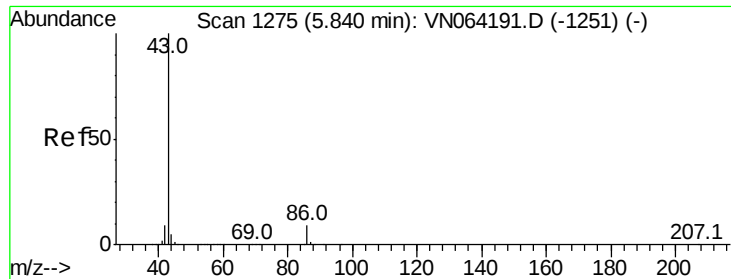
85 64.1 51.5 77.3

127 9.0 6.8 10.2



Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 85.00 (84.70 to 85.70): VN0
Ion 127.00 (126.70 to 127.70): V

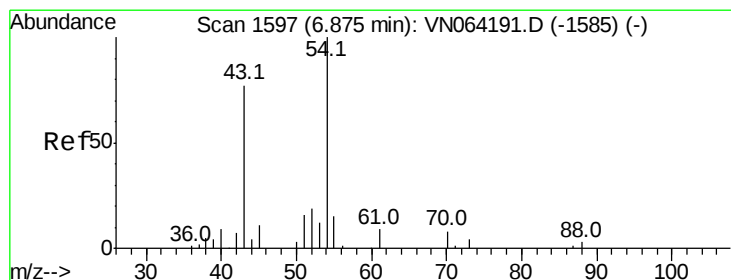
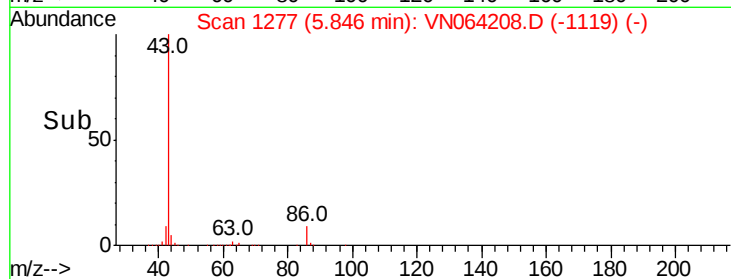
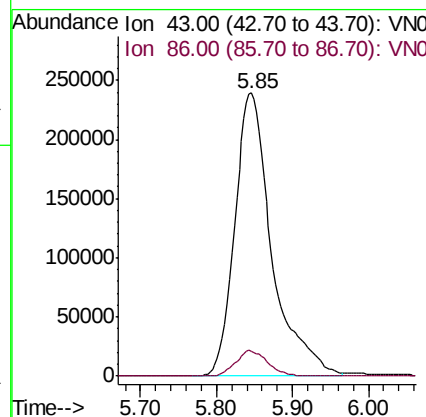
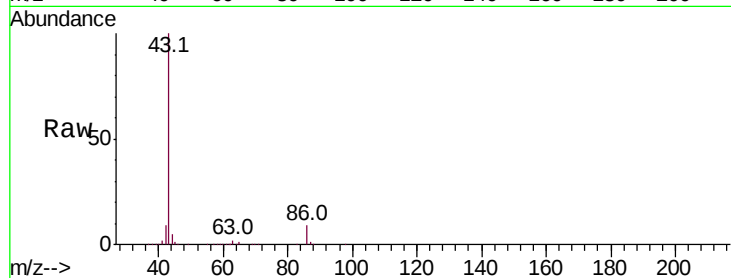




#42
 Vinyl Acetate
 Concen: 91.318 ug/l
 RT: 5.85 min Scan# 1277
 Delta R.T. 0.01 min
 Lab File: VN064208.D
 Acq: 20 Oct 2020 20:15

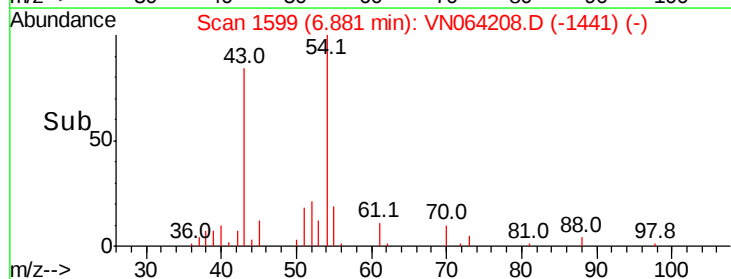
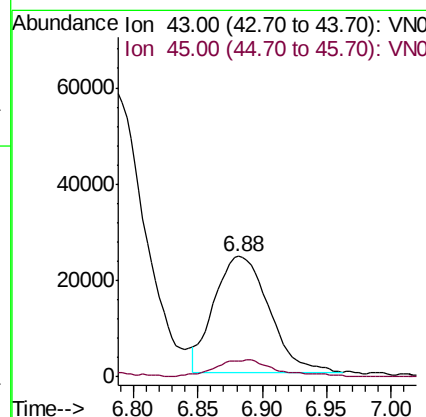
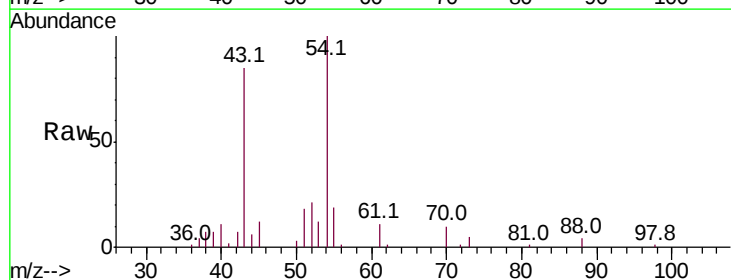
Instrument :
 MSVOA_N
 ClientSampled :

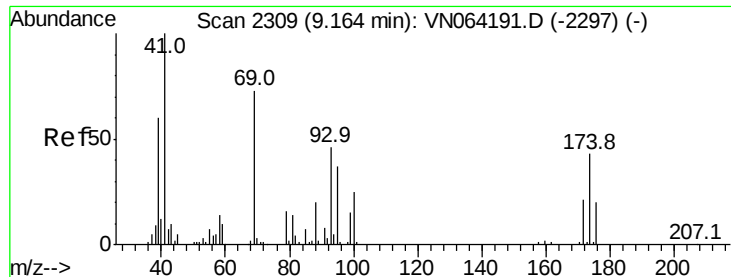
Tot Ion: 43 Resp: 806522
 Ion Ratio Lower Upper
 43 100
 86 8.0 6.7 10.1



#43
 Ethyl Acetate
 Concen: 17.676 ug/l
 RT: 6.88 min Scan# 1599
 Delta R.T. 0.01 min
 Lab File: VN064208.D
 Acq: 20 Oct 2020 20:15

Tgt Ion: 43 Resp: 71818
 Ion Ratio Lower Upper
 43 100
 45 7.9 9.8 14.8#





#45

1,4-Dioxane

Concen: 387.423 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. 0.00 min

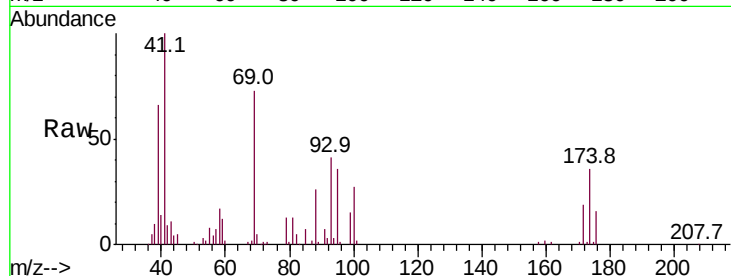
Lab File: VN064208.D

Acq: 20 Oct 2020 20:15

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 88 Resp: 17675

Ion	Ratio	Lower	Upper
88	100		
43	40.4	37.0	55.4
58	69.8	62.4	93.6

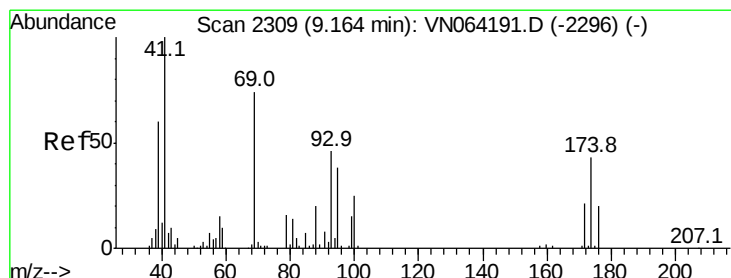
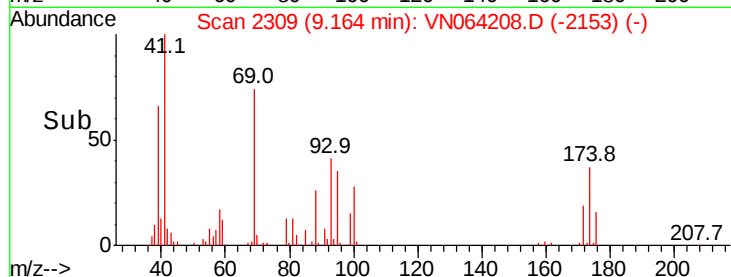
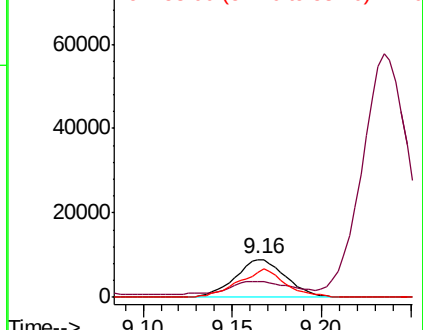


Abundance

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



#46

Methyl methacrylate

Concen: 18.045 ug/l

RT: 9.17 min Scan# 2310

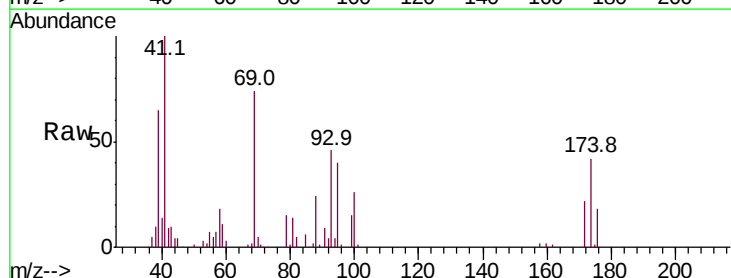
Delta R.T. 0.00 min

Lab File: VN064208.D

Acq: 20 Oct 2020 20:15

Tgt Ion: 41 Resp: 66791

Ion	Ratio	Lower	Upper
41	100		
69	76.1	36.8	110.4
39	64.7	30.4	91.2

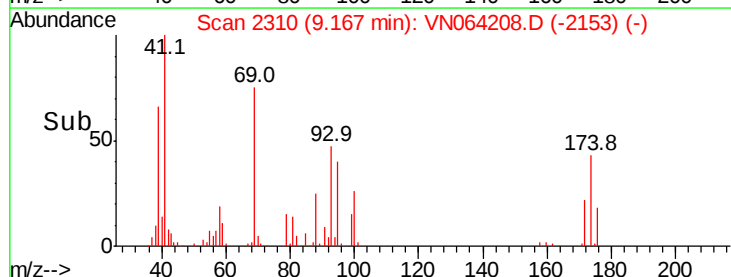
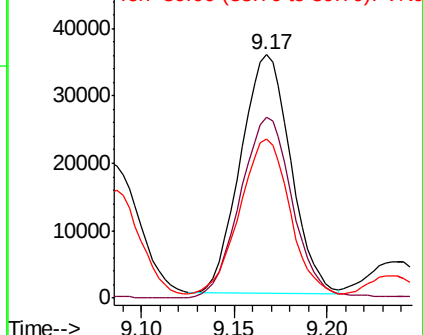


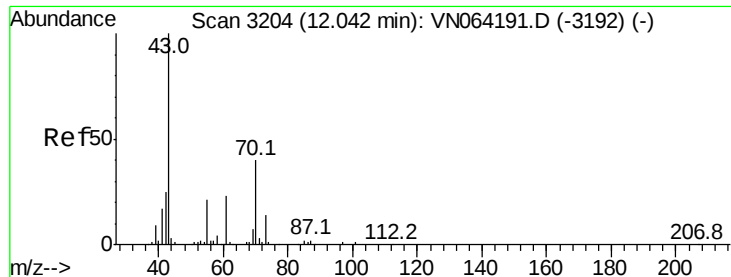
Abundance

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





#47

n-amvl Acetate

Concen: 17.989 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064208.D

Acq: 20 Oct 2020 20:15

Instrument :

MSVOA_N

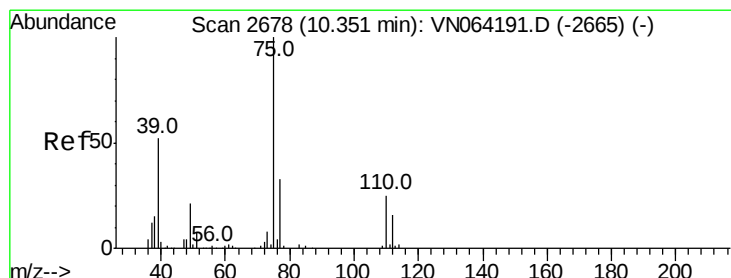
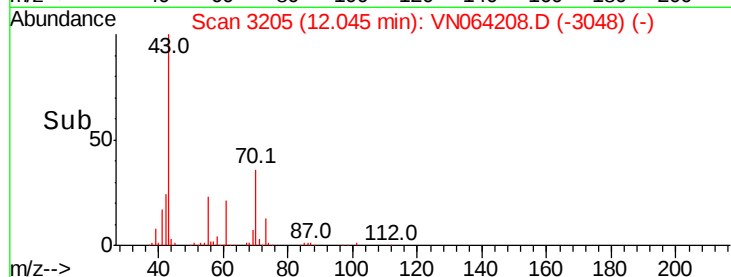
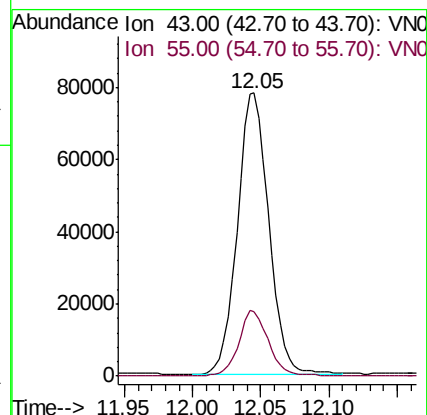
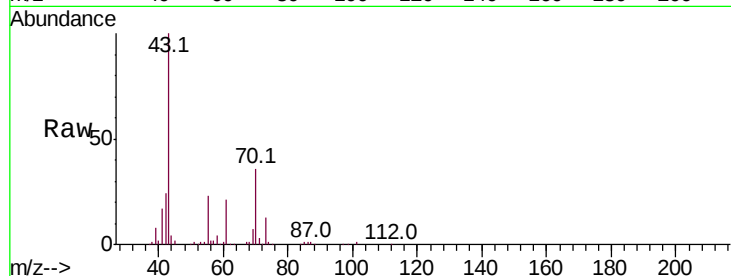
ClientSampleId :

Tot Ion: 43 Resp: 124483

Ion Ratio Lower Upper

43 100

55 22.2 17.6 26.4



#48

t-1,3-Dichloropropene

Concen: 17.690 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN064208.D

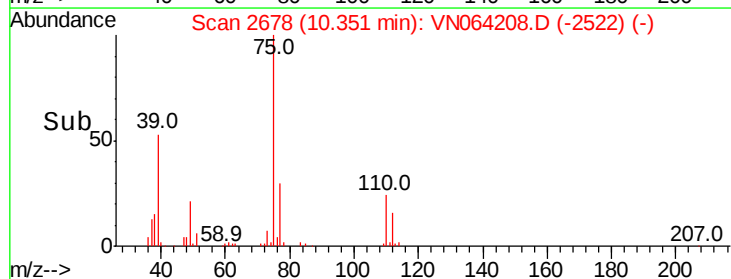
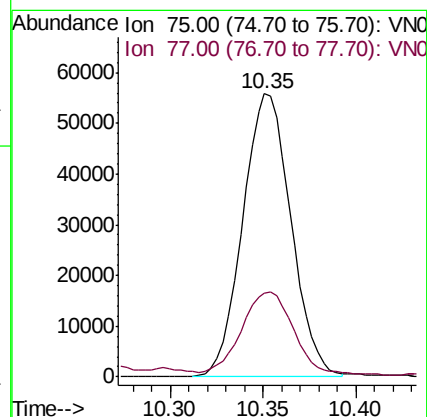
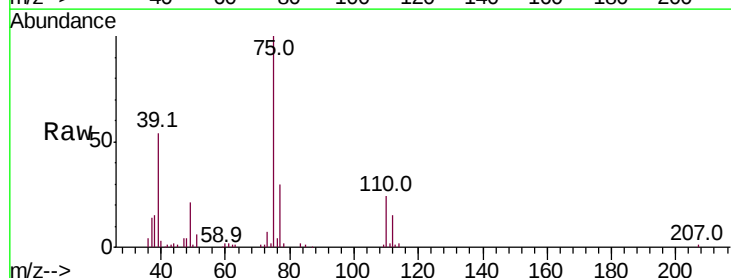
Acq: 20 Oct 2020 20:15

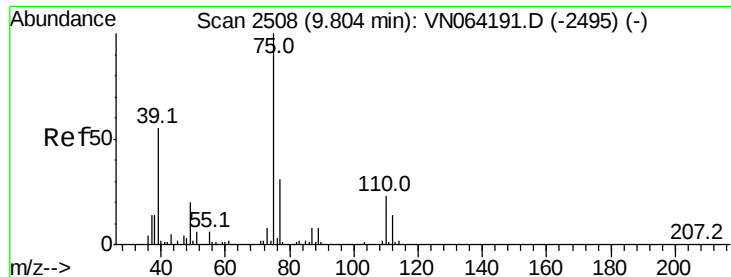
Tgt Ion: 75 Resp: 100719

Ion Ratio Lower Upper

75 100

77 28.0 27.4 41.2



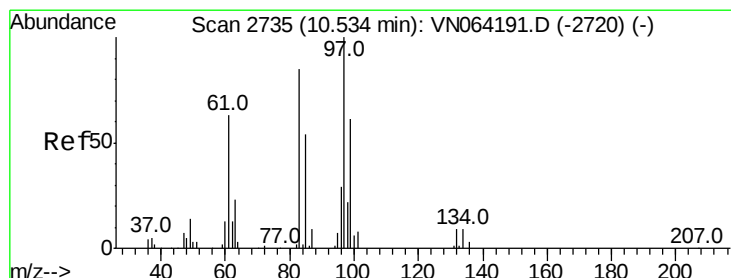
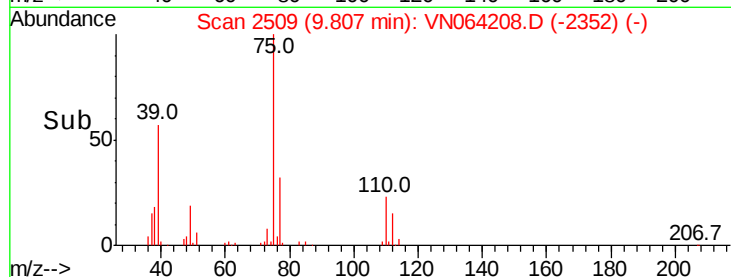
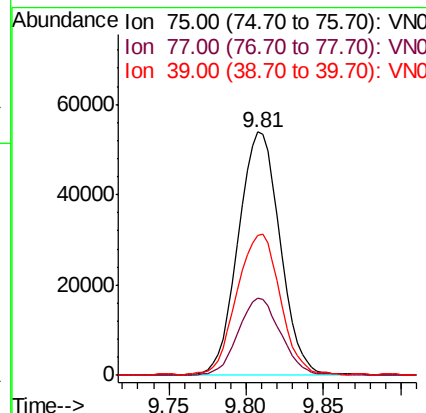
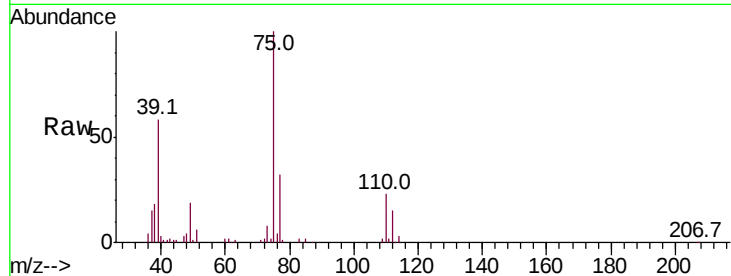


#49

cis-1,3-Dichloropropene
 Concen: 17.239 ug/l
 RT: 9.81 min Scan# 2509
 Delta R.T. 0.00 min
 Lab File: VN064208.D
 Acq: 20 Oct 2020 20:15

Instrument :
 MSVOA_N
 ClientSampleId :

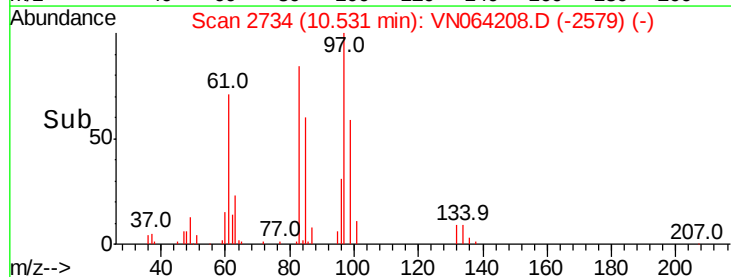
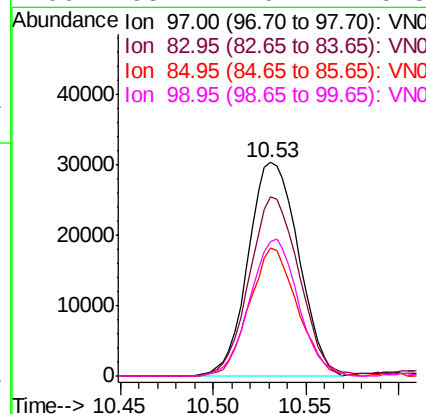
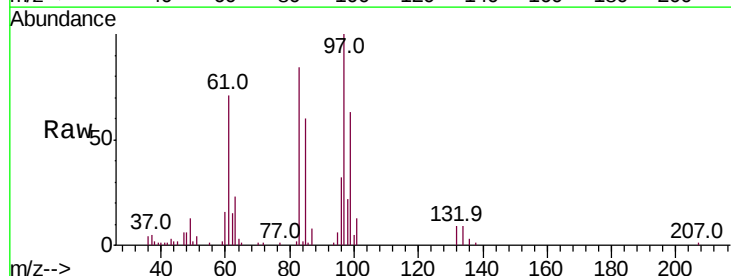
Tot Ion: 75 Resp: 101411
 Ion Ratio Lower Upper
 75 100
 77 32.0 24.5 36.7
 39 57.2 43.8 65.8

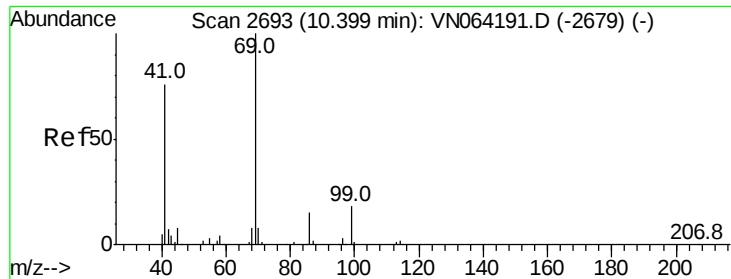


#50

1,1,2-Trichloroethane
 Concen: 18.269 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN064208.D
 Acq: 20 Oct 2020 20:15

Tgt Ion: 97 Resp: 57092
 Ion Ratio Lower Upper
 97 100
 83 83.8 67.7 101.5
 85 60.1 43.2 64.8
 99 63.1 49.2 73.8





#51

Ethyl methacrylate

Concen: 17.823 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN064208.D

Acq: 20 Oct 2020 20:15

Instrument :

MSVOA_N

ClientSampleId :

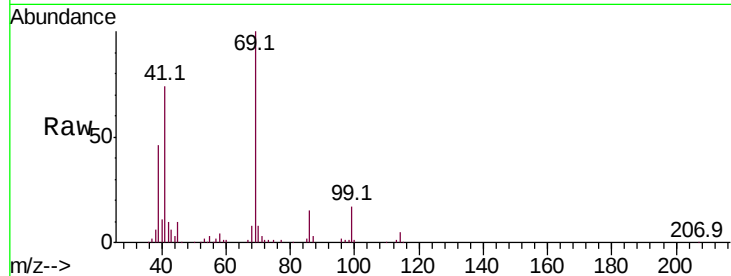
Tot Ion: 69 Resp: 88074

Ion Ratio Lower Upper

69 100

41 73.4 38.0 114.1

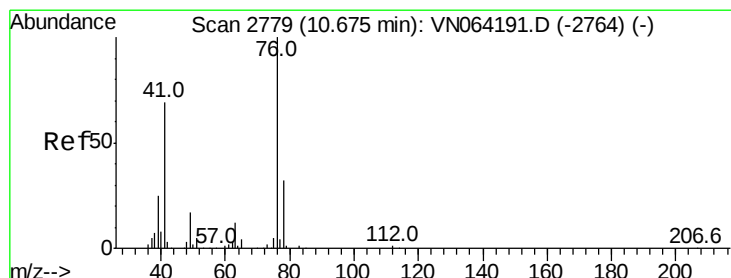
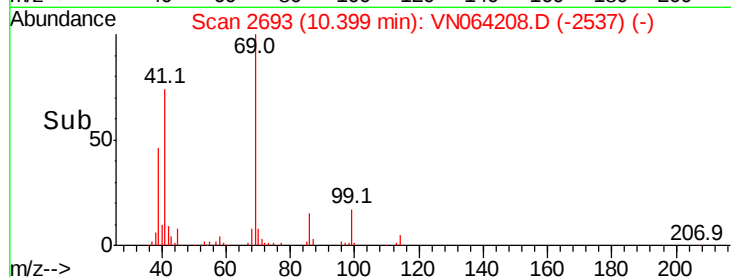
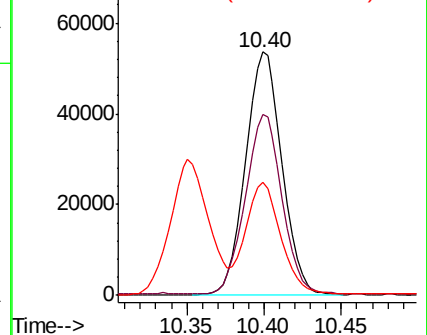
39 45.5 21.4 64.3



Abundance Ion 69.00 (68.70 to 69.70): VN064191.D (-2679) (-)

Ion 41.00 (40.70 to 41.70): VN064191.D (-2679) (-)

Ion 39.00 (38.70 to 39.70): VN064191.D (-2679) (-)



#52

1,3-Dichloropropane

Concen: 17.795 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN064208.D

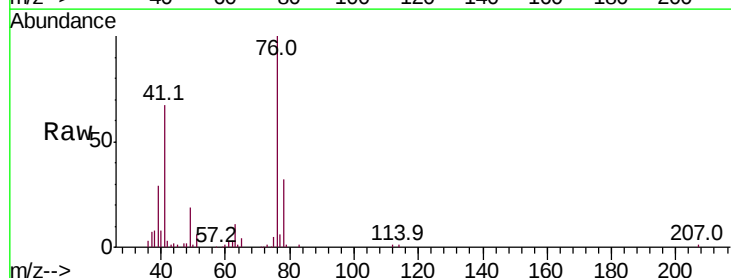
Acq: 20 Oct 2020 20:15

Tgt Ion: 76 Resp: 95877

Ion Ratio Lower Upper

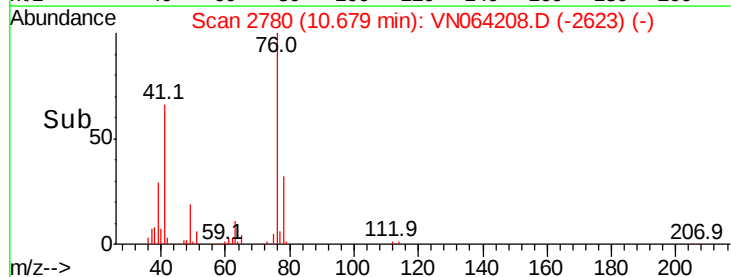
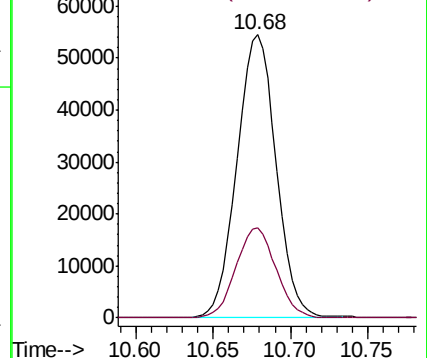
76 100

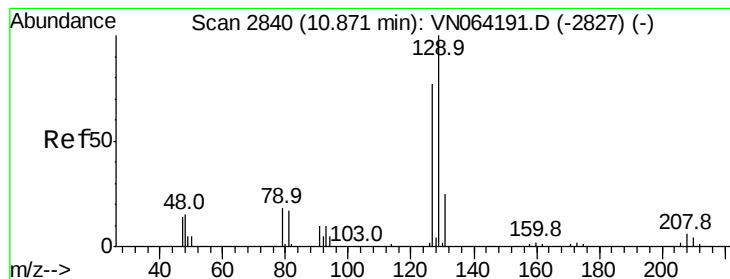
78 32.5 0.0 64.4



Abundance Ion 76.00 (75.70 to 76.70): VN064191.D (-2764) (-)

Ion 78.00 (77.70 to 78.70): VN064191.D (-2764) (-)





#53

Dibromochloromethane

Concen: 17.784 ug/l

RT: 10.87 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VN064208.D

Acq: 20 Oct 2020 20:15

Instrument :

MSVOA_N

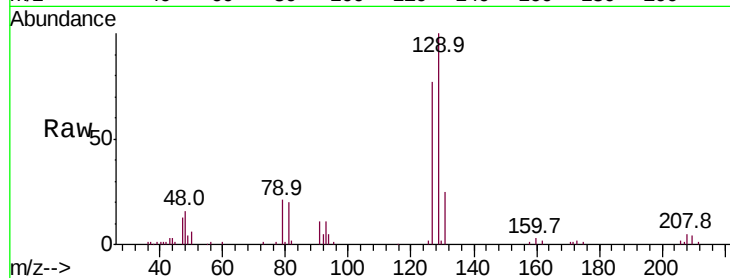
ClientSampleId :

Tot Ion:129 Resp: 69949

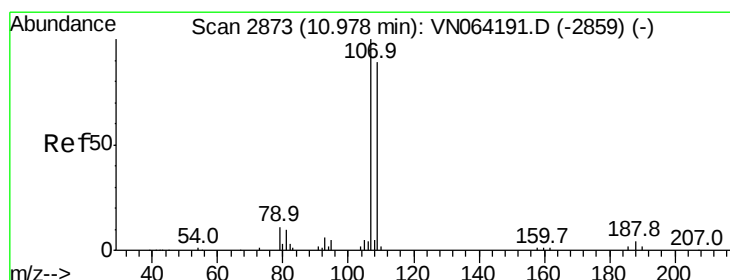
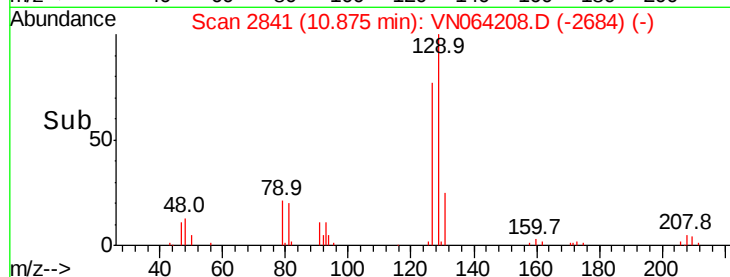
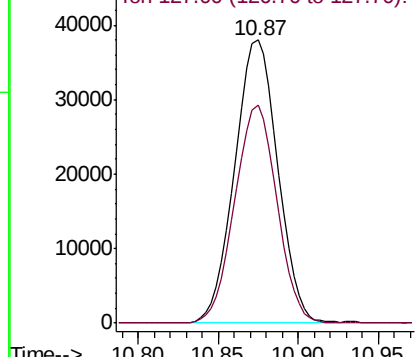
Ion Ratio Lower Upper

129 100

127 75.2 39.0 117.0



Abundance Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 17.426 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. 0.00 min

Lab File: VN064208.D

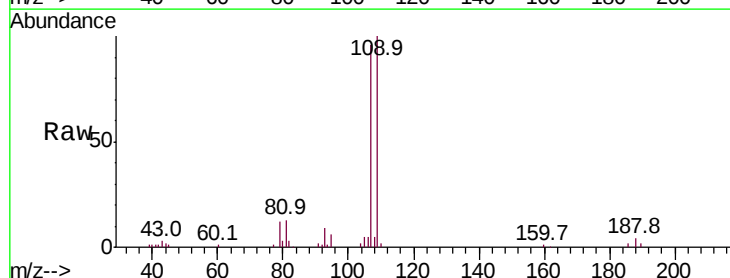
Acq: 20 Oct 2020 20:15

Tgt Ion:107 Resp: 57886

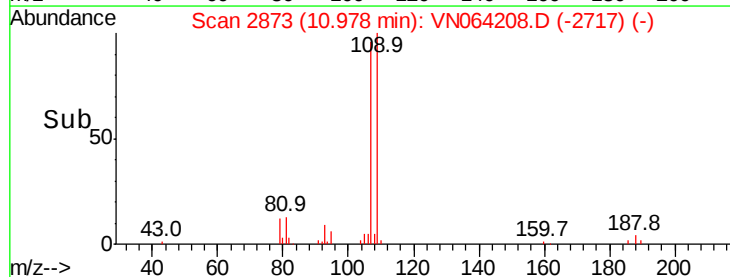
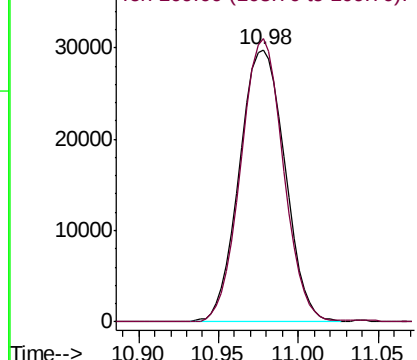
Ion Ratio Lower Upper

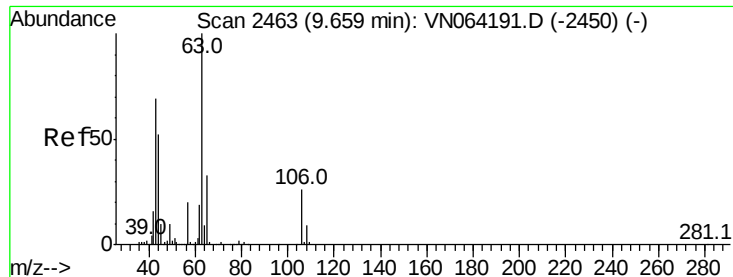
107 100

109 97.0 71.8 107.8



Abundance Ion 107.00 (106.70 to 107.70): V
Ion 109.00 (108.70 to 109.70): V





#55

2-Chloroethyl vinyl ether

Concen: 93.668 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN064208.D

Acq: 20 Oct 2020 20:15

Instrument :

MSVOA_N

ClientSampleId :

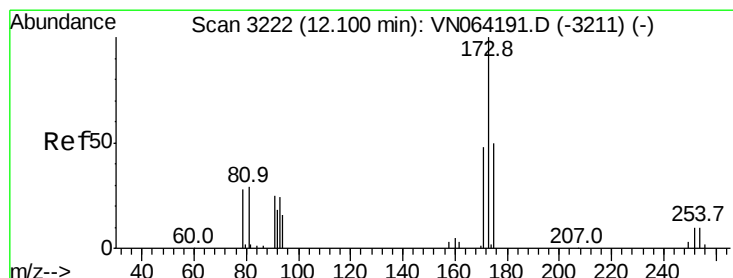
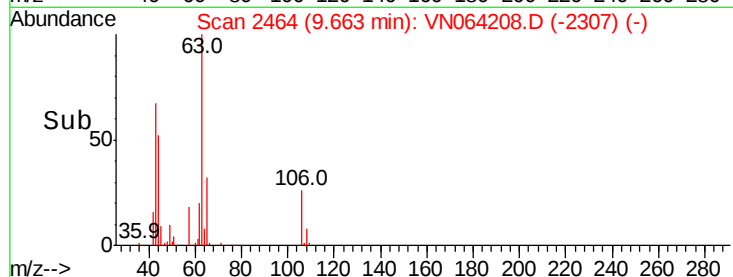
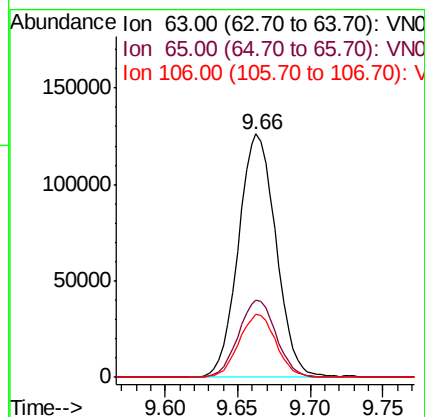
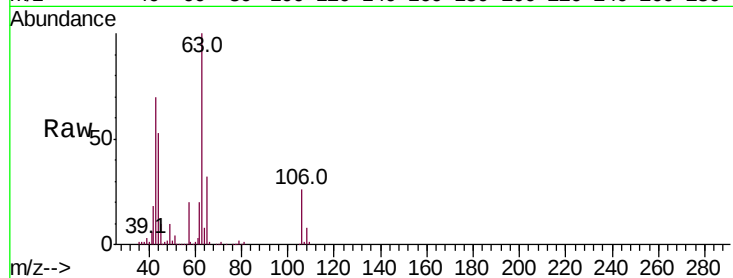
Tot Ion: 63 Resp: 227489

Ion Ratio Lower Upper

63 100

65 31.7 25.9 38.9

106 25.5 21.4 32.2



#56

Bromoform

Concen: 17.650 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064208.D

Acq: 20 Oct 2020 20:15

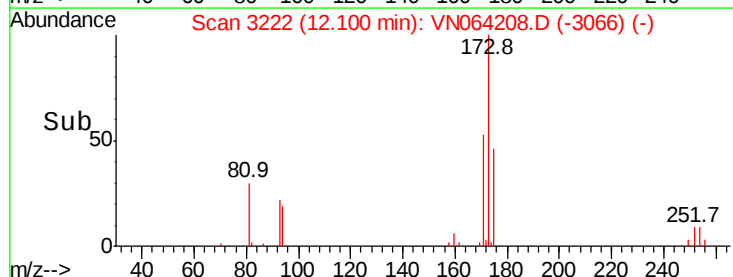
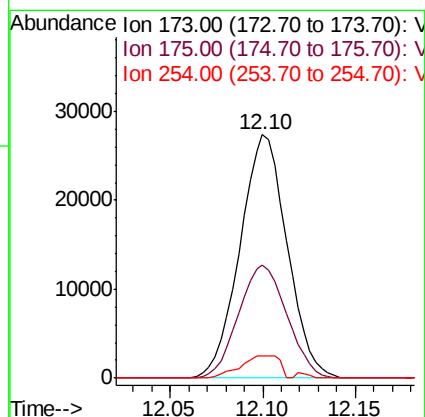
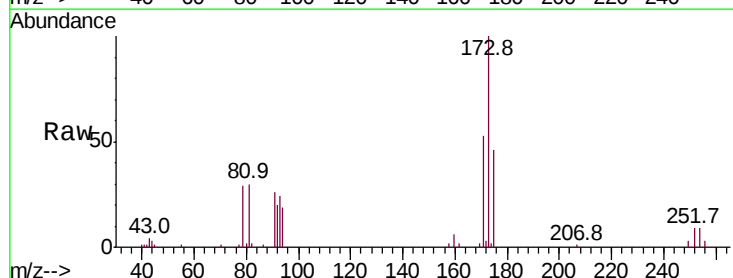
Tgt Ion: 173 Resp: 48345

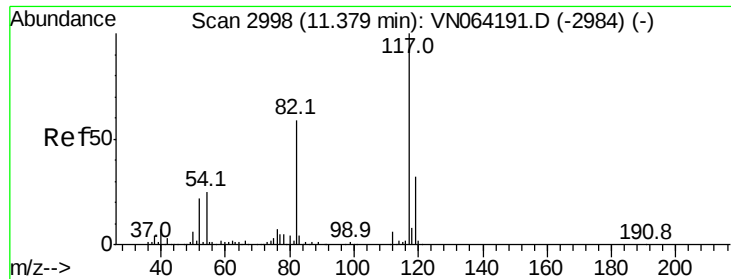
Ion Ratio Lower Upper

173 100

175 47.6 39.0 58.4

254 7.7 6.8 10.2

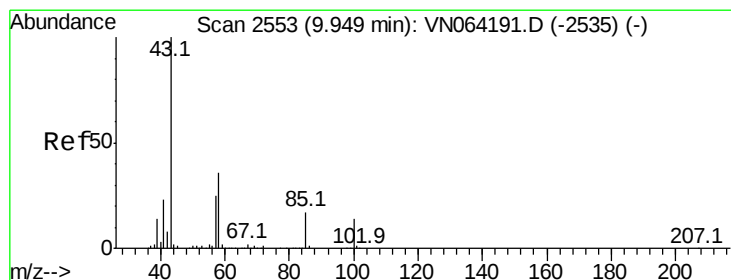
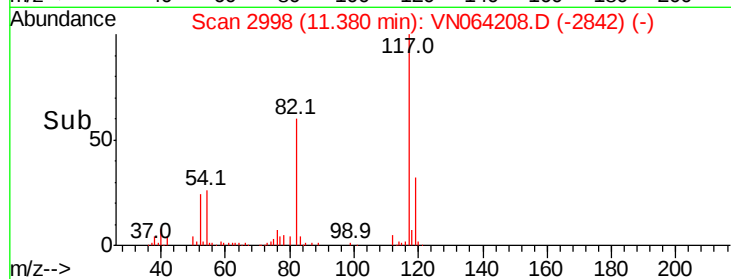
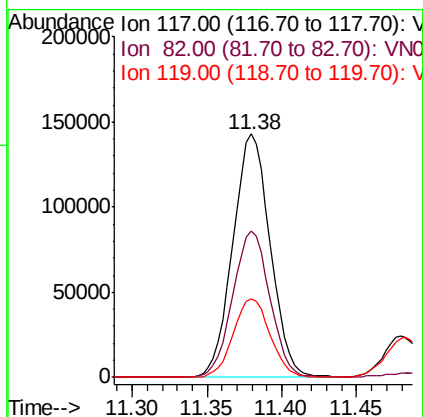
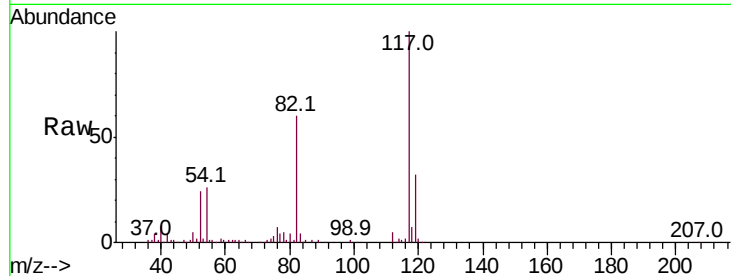




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064208.D
Acq: 20 Oct 2020 20:15

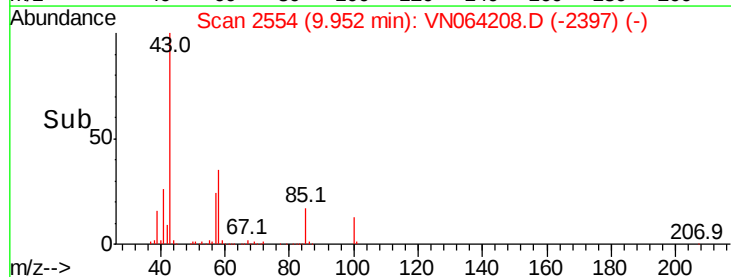
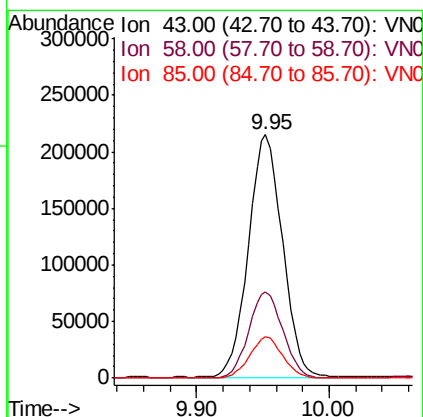
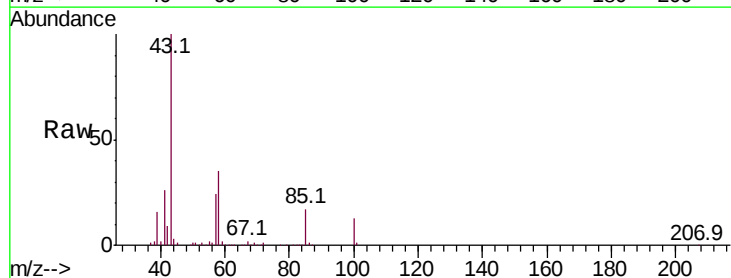
Instrument :
MSVOA_N
ClientSampleId :

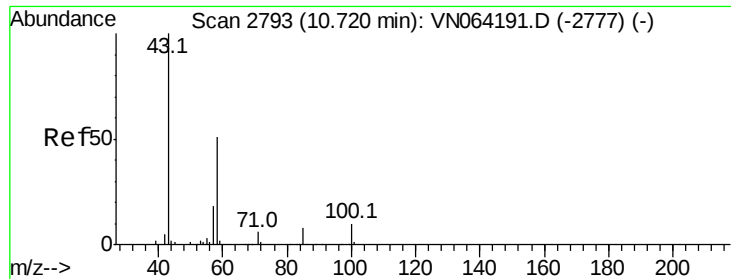
Tot Ion	Ratio	Lower	Upper
117	100		
82	60.0	47.8	71.8
119	32.0	25.7	38.5



#58
4-Methyl-2-Pentanone
Concen: 90.767 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN064208.D
Acq: 20 Oct 2020 20:15

Tgt Ion	Ratio	Lower	Upper
43	100		
58	35.8	29.5	44.3
85	16.5	13.7	20.5

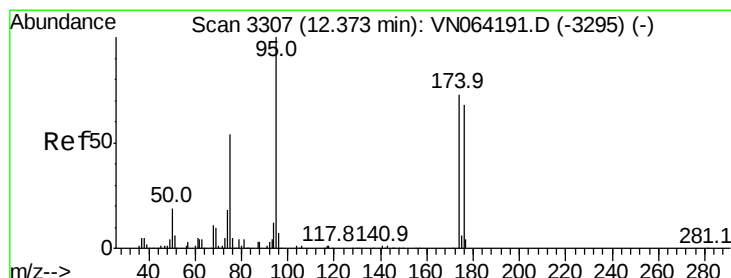
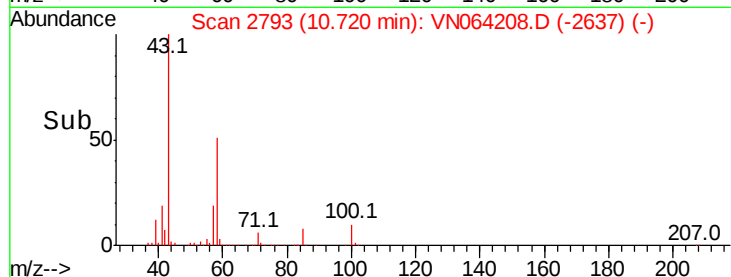
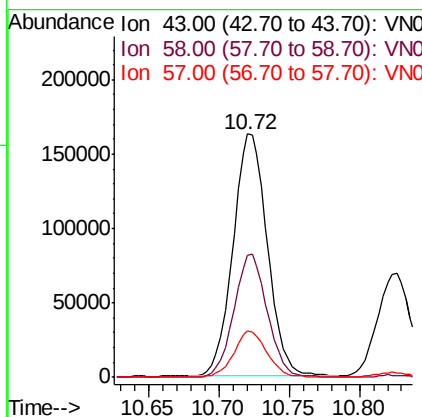
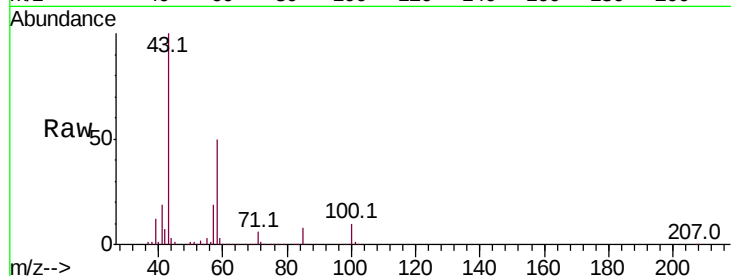




#59
2-Hexanone
Concen: 88.939 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN064208.D
Acq: 20 Oct 2020 20:15

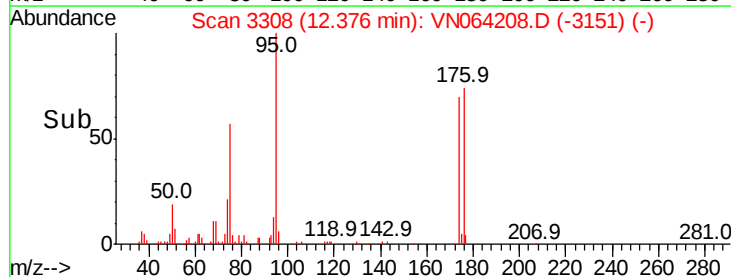
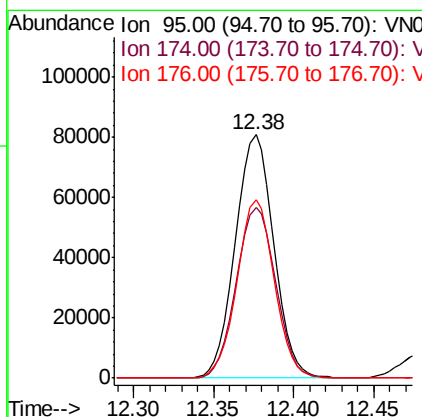
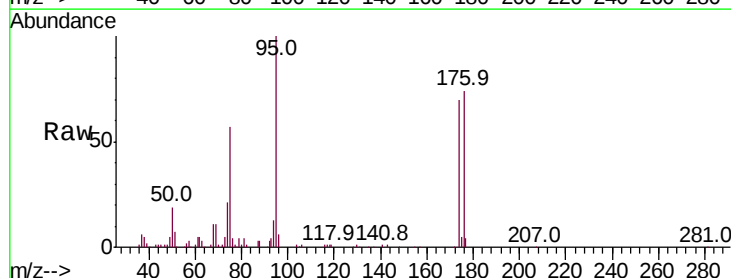
Instrument :
MSVOA_N
ClientSampled :

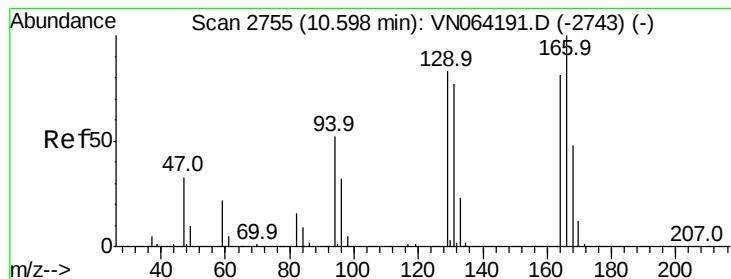
Tot Ion: 43 Resp: 278144
Ion Ratio Lower Upper
43 100
58 49.3 40.2 60.4
57 18.3 14.8 22.2



#60
4-Bromofluorobenzene
Concen: 29.730 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064208.D
Acq: 20 Oct 2020 20:15

Tgt Ion: 95 Resp: 132443
Ion Ratio Lower Upper
95 100
174 72.1 57.6 86.4
176 71.1 54.9 82.3





#61

Tetrachloroethene

Concen: 16.973 ug/l

RT: 10.60 min Scan# 2756

Delta R.T. 0.00 min

Lab File: VN064208.D

Acq: 20 Oct 2020 20:15

Instrument :

MSVOA_N

ClientSampled :

Tot Ion:164 Resp: 56880

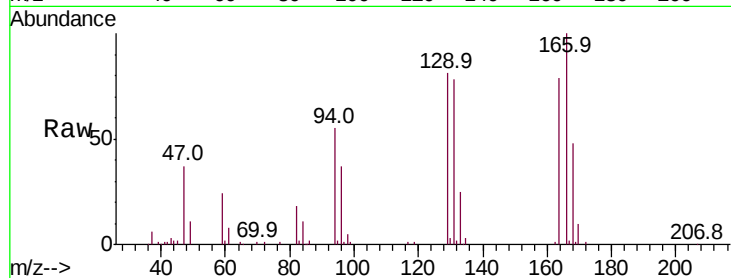
Ion Ratio Lower Upper

164 100

166 126.7 99.2 148.8

129 102.7 82.8 124.2

131 98.5 76.2 114.4



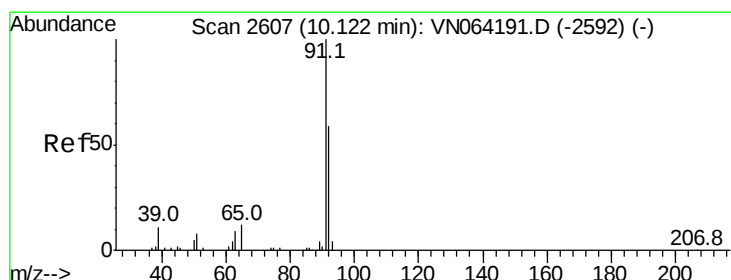
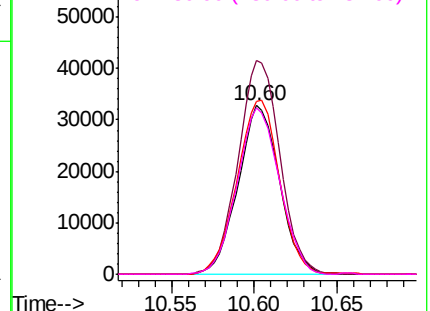
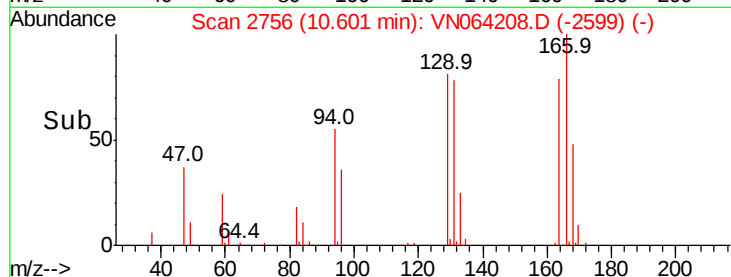
Abundance

Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 16.816 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN064208.D

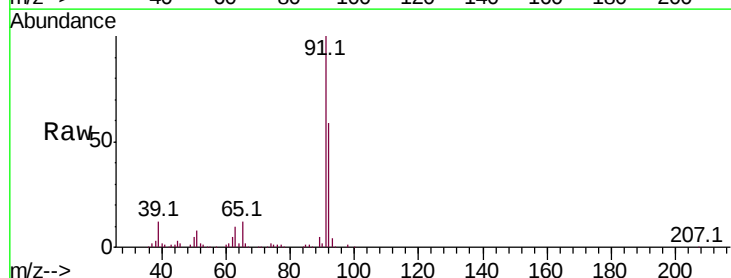
Acq: 20 Oct 2020 20:15

Tgt Ion: 91 Resp: 238985

Ion Ratio Lower Upper

91 100

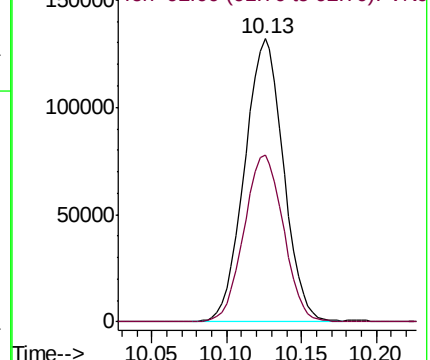
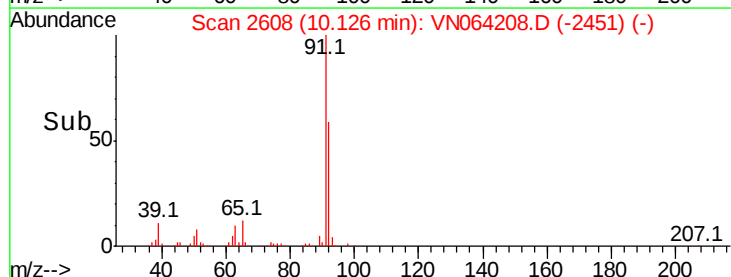
92 59.7 46.8 70.2

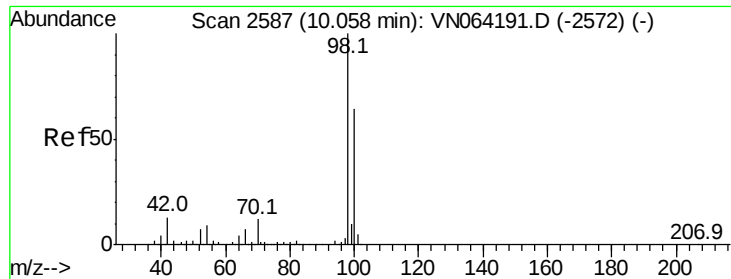


Abundance

Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V





#63

Toluene-d8

Concen: 29.704 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064208.D

Acq: 20 Oct 2020 20:15

Instrument :

MSVOA_N

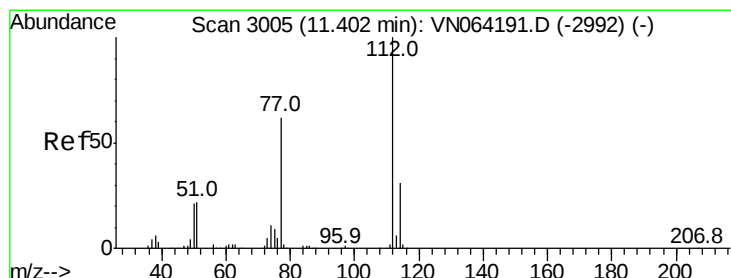
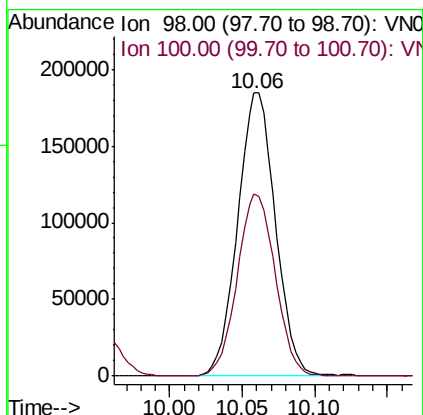
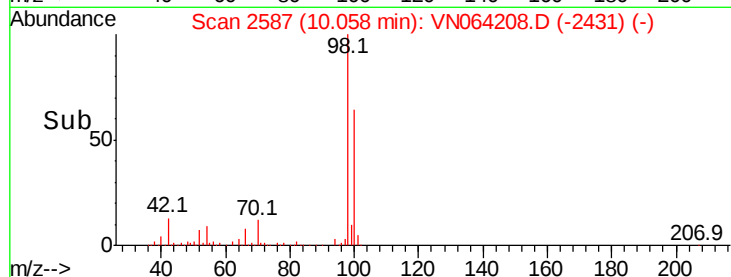
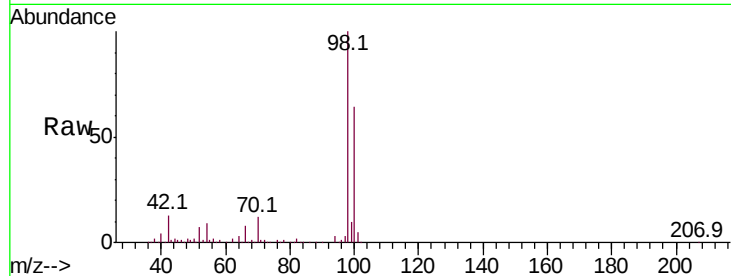
ClientSampled :

Tot Ion: 98 Resp: 334303

Ion Ratio Lower Upper

98 100

100 64.5 51.4 77.2



#64

Chlorobenzene

Concen: 17.139 ug/l

RT: 11.41 min Scan# 3006

Delta R.T. 0.00 min

Lab File: VN064208.D

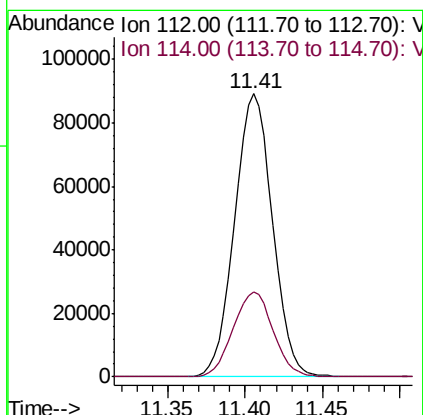
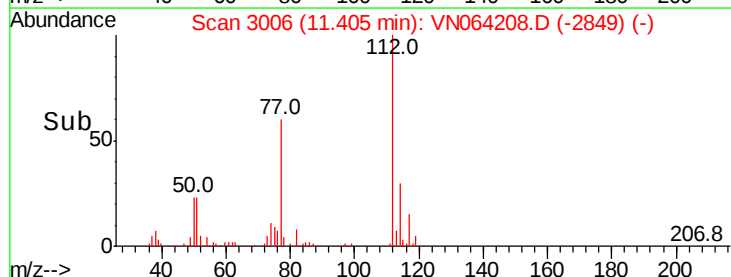
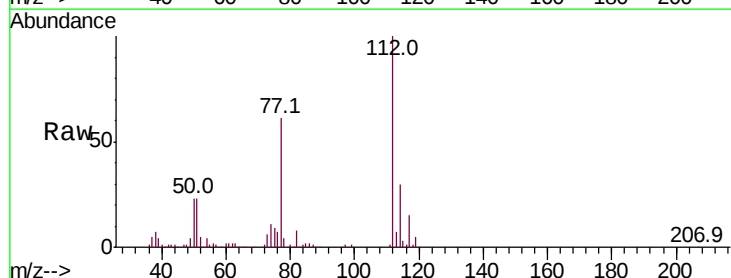
Acq: 20 Oct 2020 20:15

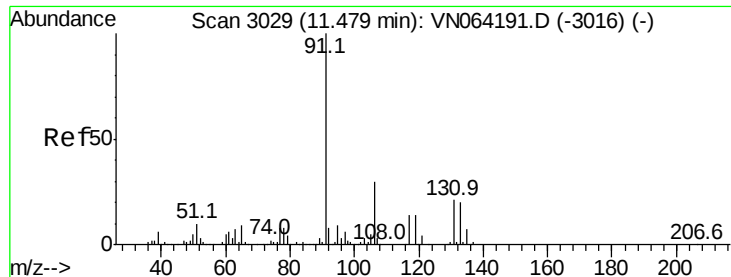
Tgt Ion: 112 Resp: 151690

Ion Ratio Lower Upper

112 100

114 30.1 25.1 37.7





#65

1,1,1,2-Tetrachloroethane

Concen: 17.480 ug/l

RT: 11.48 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN064208.D

Acq: 20 Oct 2020 20:15

Instrument :

MSVOA_N

ClientSampleId :

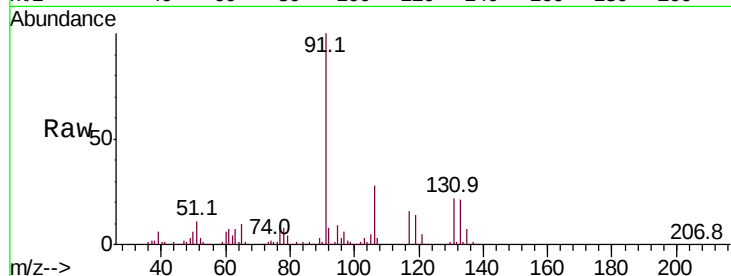
Tot Ion:131 Resp: 60613

Ion Ratio Lower Upper

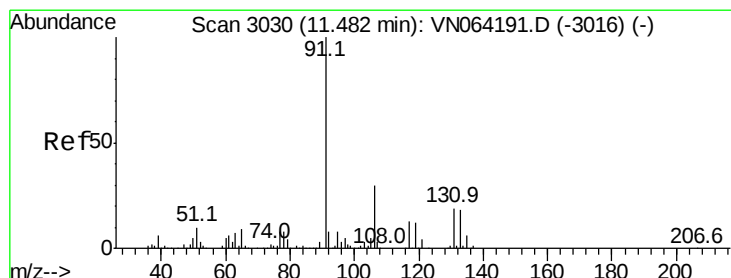
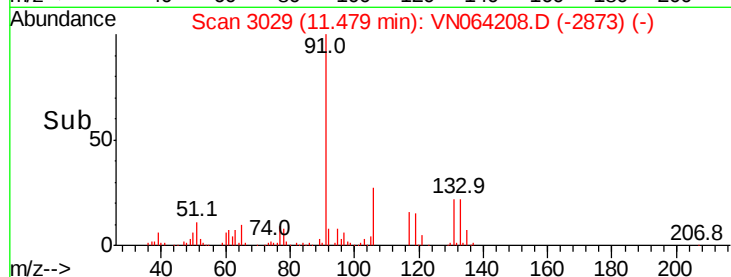
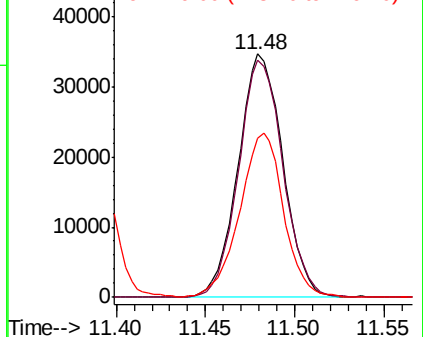
131 100

133 97.1 0.0 193.0

119 66.4 0.0 132.2



Abundance Ion 131.00 (130.70 to 131.70): V
Ion 133.00 (132.70 to 133.70): V
Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 17.451 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. 0.00 min

Lab File: VN064208.D

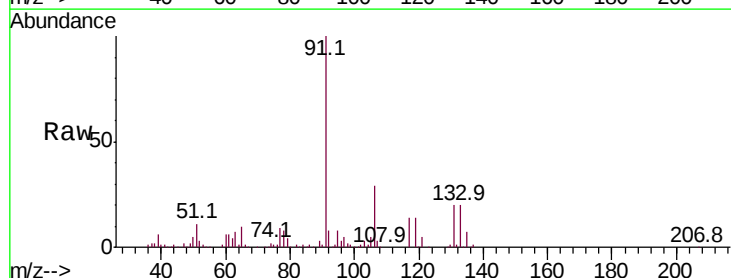
Acq: 20 Oct 2020 20:15

Tgt Ion: 91 Resp: 285133

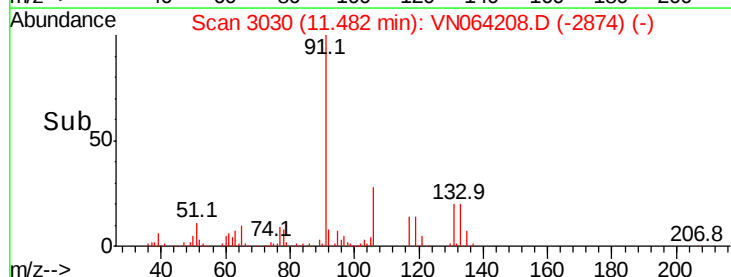
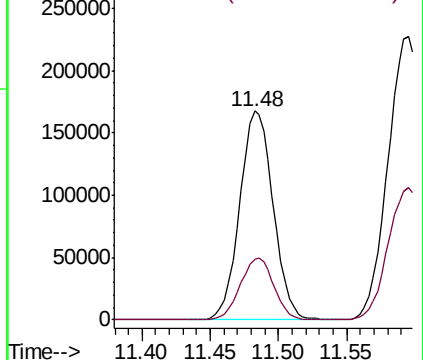
Ion Ratio Lower Upper

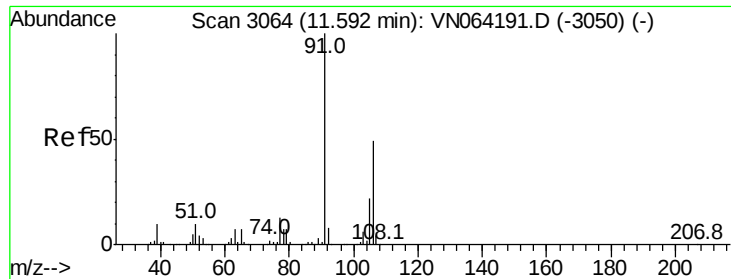
91 100

106 29.2 23.9 35.9



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

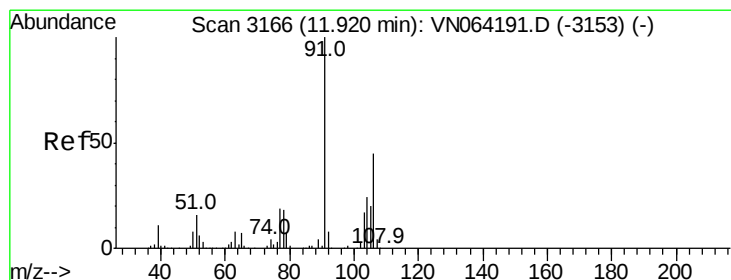
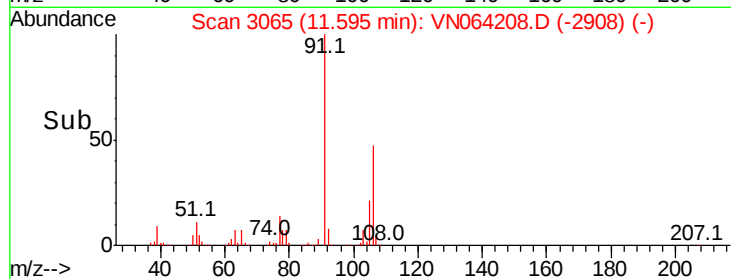
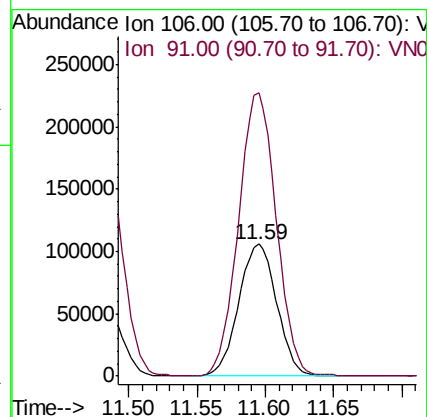
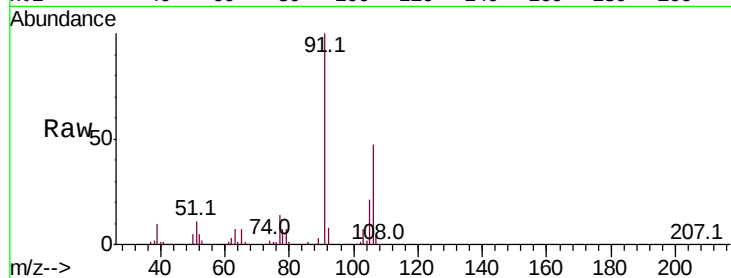




#67
m/p-Xvlenes
Concen: 33.742 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064208.D
Acq: 20 Oct 2020 20:15

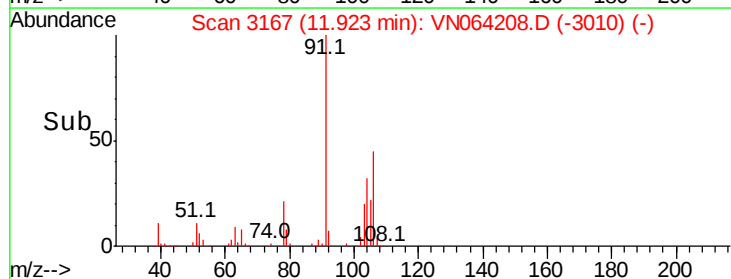
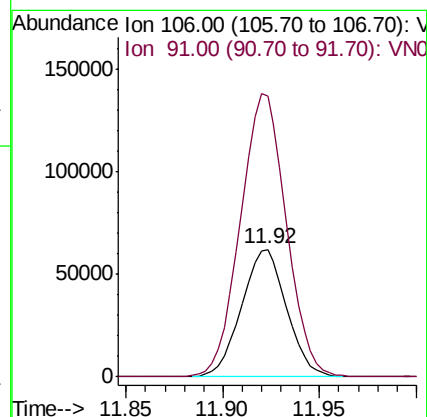
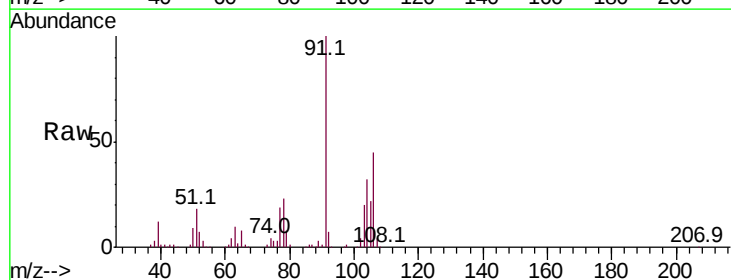
Instrument :
MSVOA_N
ClientSampled :

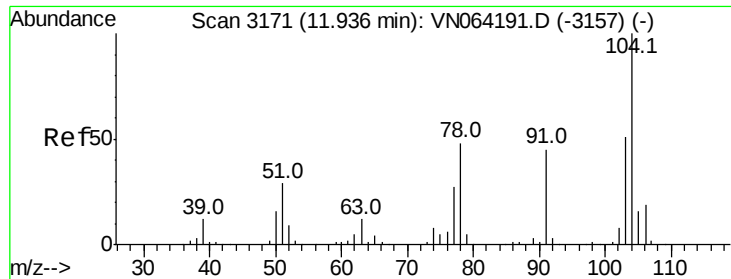
Tot Ion:106 Resp: 205037
Ion Ratio Lower Upper
106 100
91 212.1 167.9 251.9



#68
o-Xylene
Concen: 17.130 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064208.D
Acq: 20 Oct 2020 20:15

Tgt Ion:106 Resp: 101012
Ion Ratio Lower Upper
106 100
91 225.9 113.9 341.7

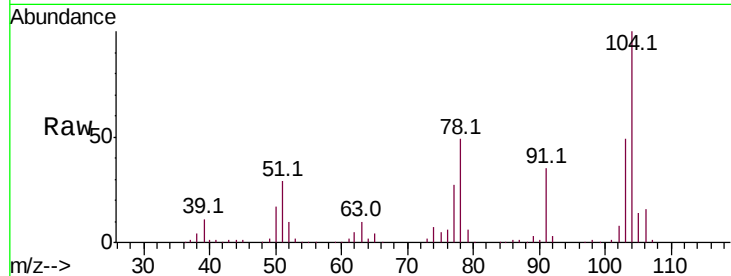




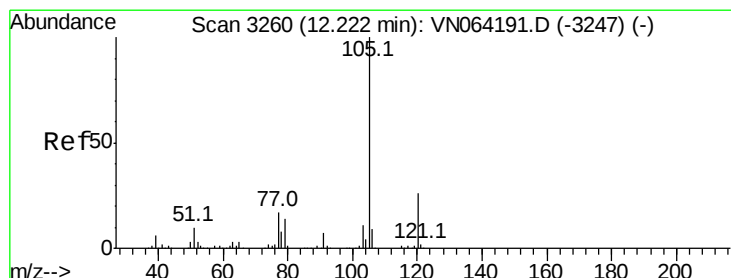
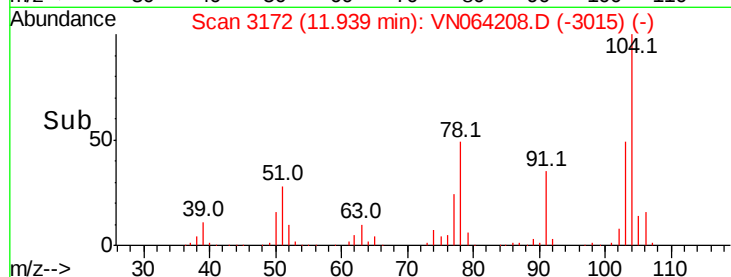
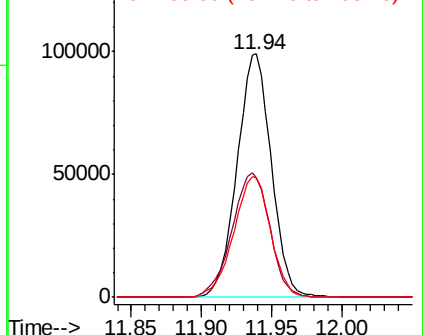
#69
Stvrene
Concen: 16.960 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN064208.D
Acq: 20 Oct 2020 20:15

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:104 Resp: 169193
Ion Ratio Lower Upper
104 100
78 56.2 43.6 65.4
103 53.2 44.8 67.2

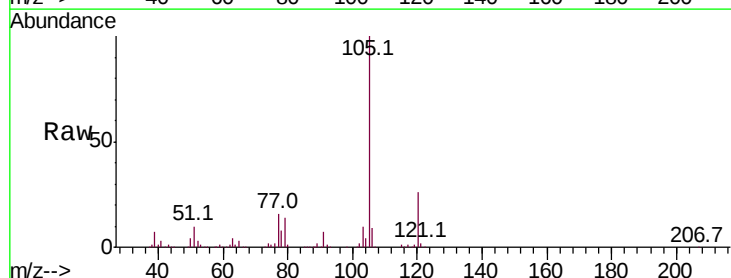


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V

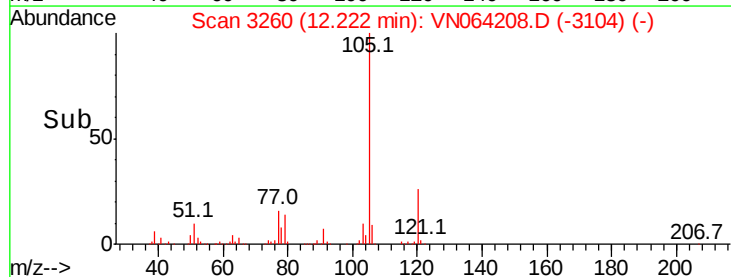
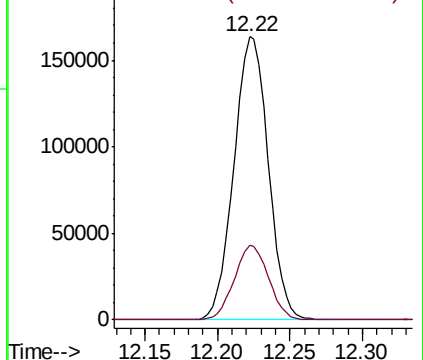


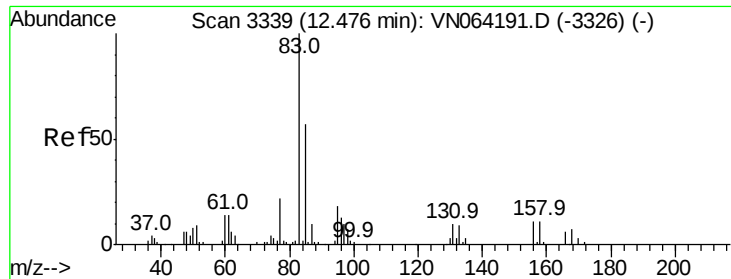
#70
Isopropylbenzene
Concen: 17.318 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. 0.00 min
Lab File: VN064208.D
Acq: 20 Oct 2020 20:15

Tgt Ion:105 Resp: 269696
Ion Ratio Lower Upper
105 100
120 26.1 18.1 33.7



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

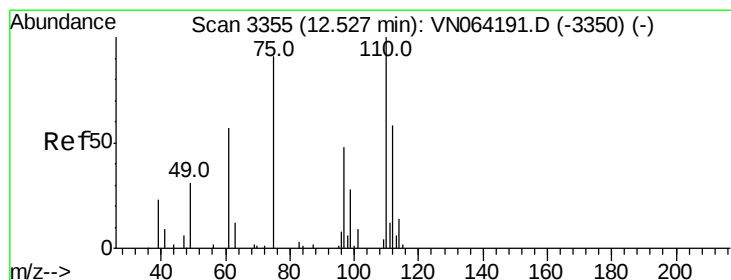
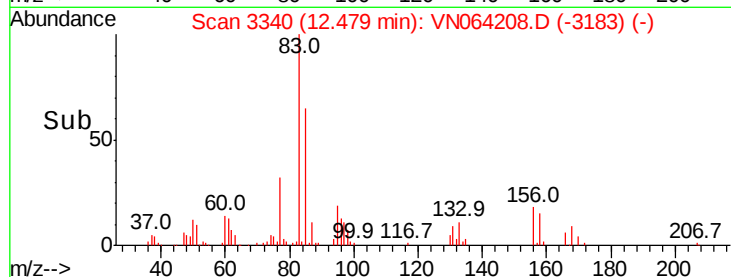
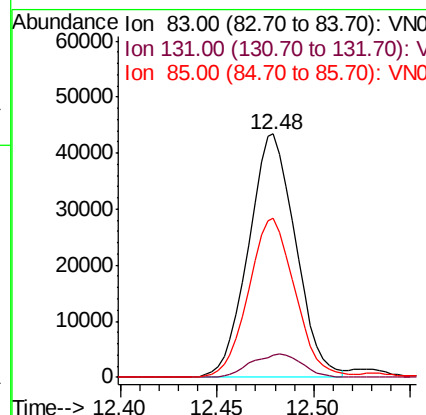
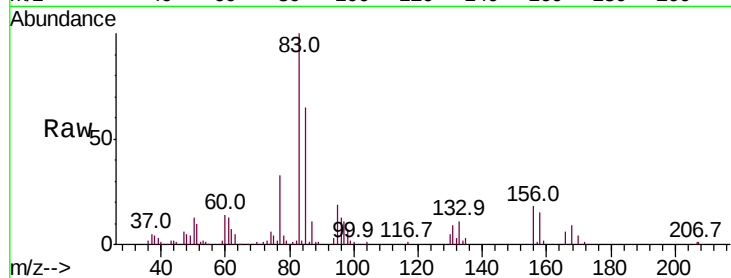




#71
 1,1,2,2-Tetrachloroethane
 Concen: 17.288 ug/l
 RT: 12.48 min Scan# 3340
 Delta R.T. 0.00 min
 Lab File: VN064208.D
 Acq: 20 Oct 2020 20:15

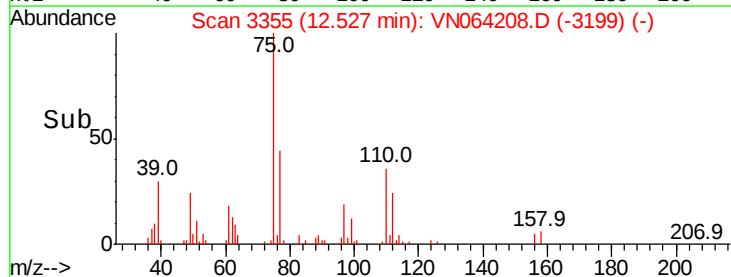
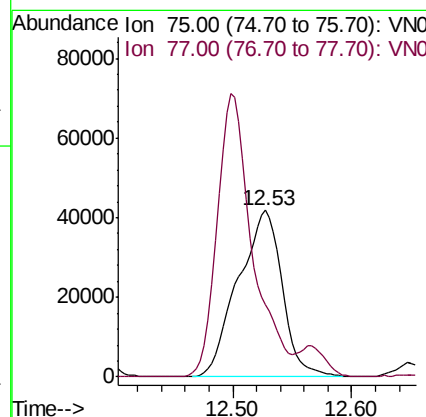
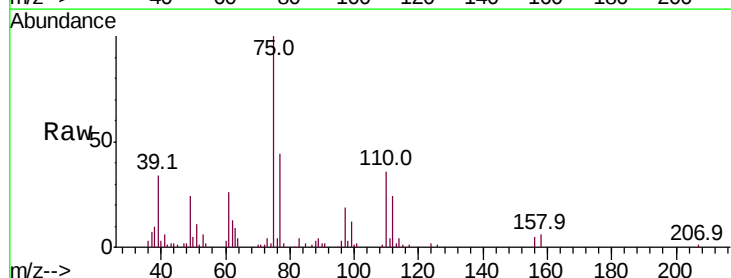
Instrument :
 MSVOA_N
 ClientSampleId :

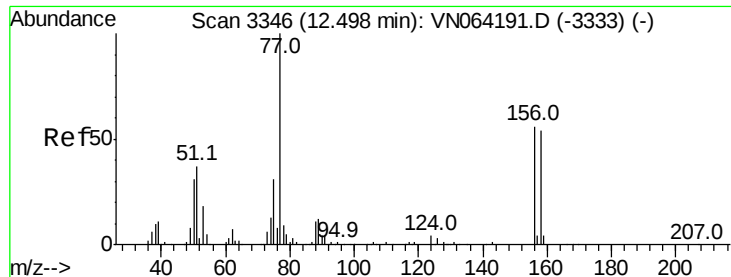
Tot Ion: 83 Resp: 73778
 Ion Ratio Lower Upper
 83 100
 131 10.5 5.5 16.4
 85 64.5 30.8 92.4



#72
 1,2,3-Trichloropropane
 Concen: 24.155 ug/l
 RT: 12.53 min Scan# 3355
 Delta R.T. 0.00 min
 Lab File: VN064208.D
 Acq: 20 Oct 2020 20:15

Tgt Ion: 75 Resp: 107576
 Ion Ratio Lower Upper
 75 100
 77 135.6 0.0 417.6





#73

Bromobenzene

Concen: 17.165 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064208.D

Acq: 20 Oct 2020 20:15

Instrument :

MSVOA_N

ClientSampled :

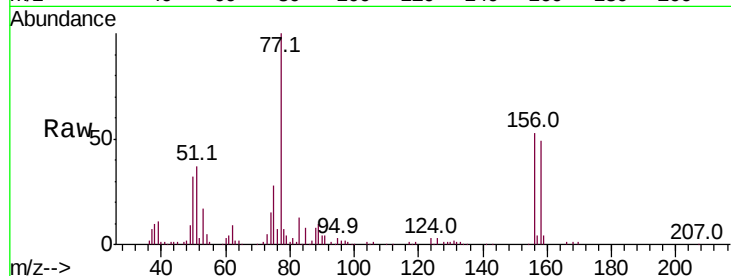
Tot Ion:156 Resp: 64461

Ion Ratio Lower Upper

156 100

77 226.3 0.0 429.8

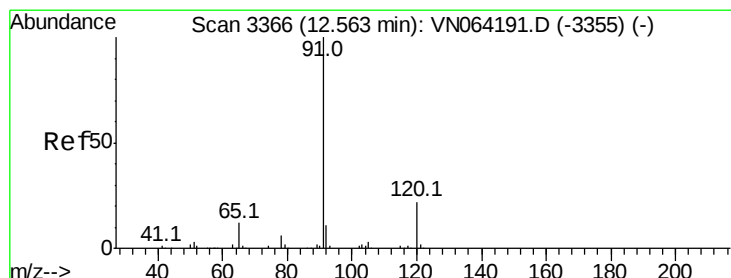
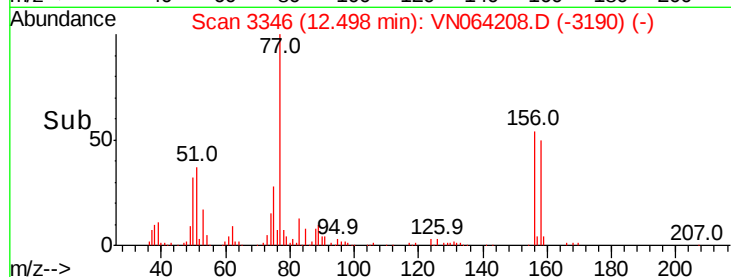
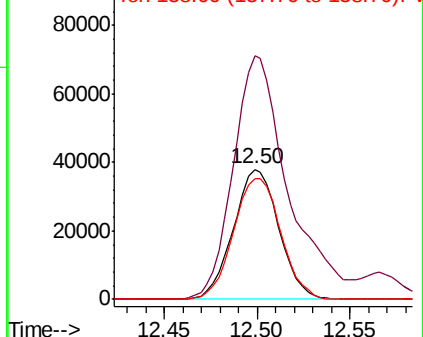
158 96.8 0.0 190.6



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 16.981 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064208.D

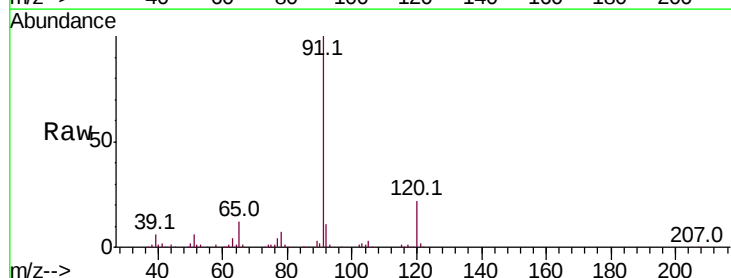
Acq: 20 Oct 2020 20:15

Tgt Ion: 91 Resp: 301828

Ion Ratio Lower Upper

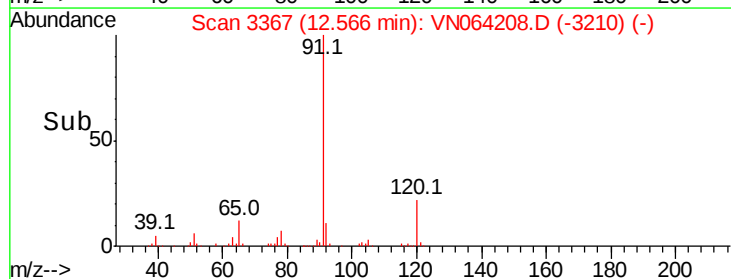
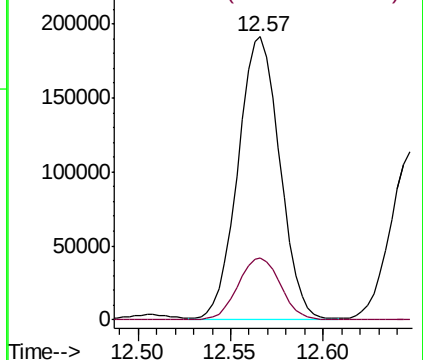
91 100

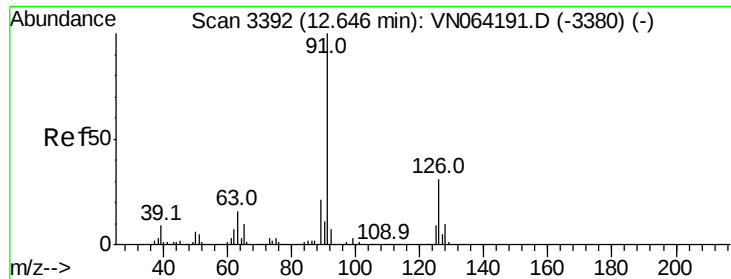
120 22.0 0.0 43.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 17.283 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. 0.00 min

Lab File: VN064208.D

Acq: 20 Oct 2020 20:15

Instrument :

MSVOA_N

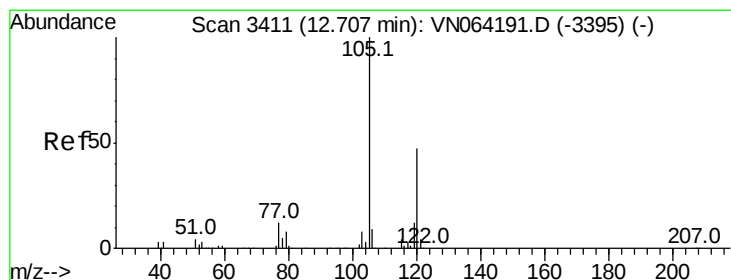
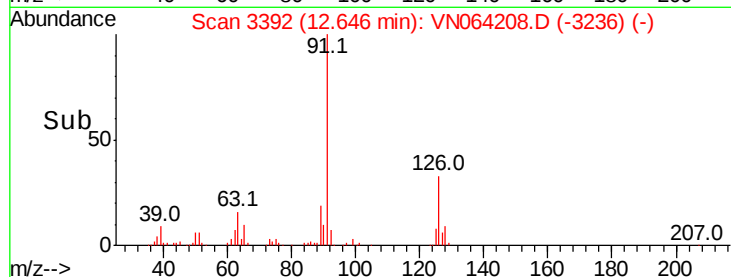
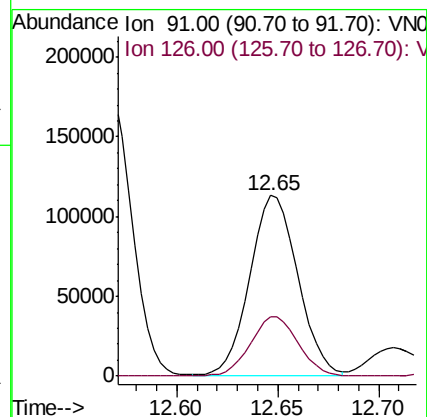
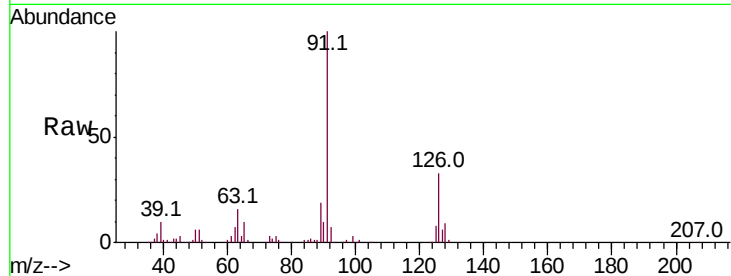
ClientSampled :

Tot Ion: 91 Resp: 190166

Ion Ratio Lower Upper

91 100

126 32.6 0.0 62.4



#76

1,3,5-Trimethylbenzene

Concen: 17.154 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064208.D

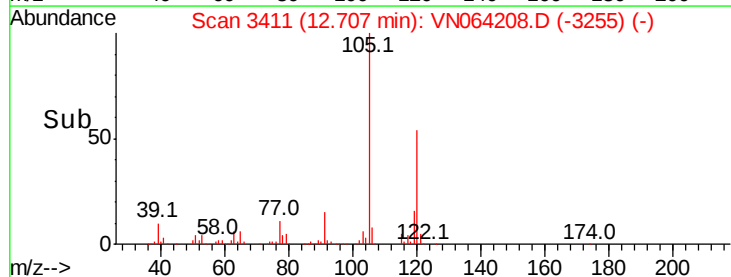
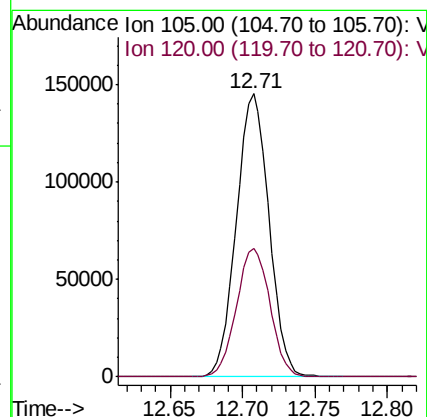
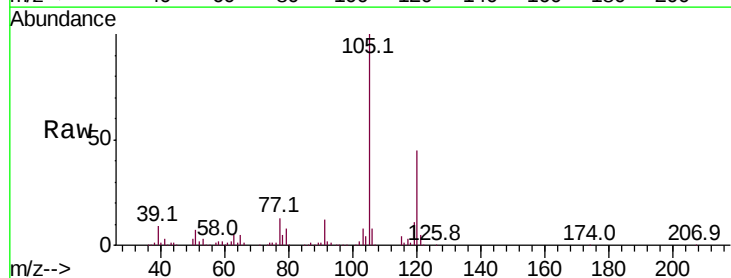
Acq: 20 Oct 2020 20:15

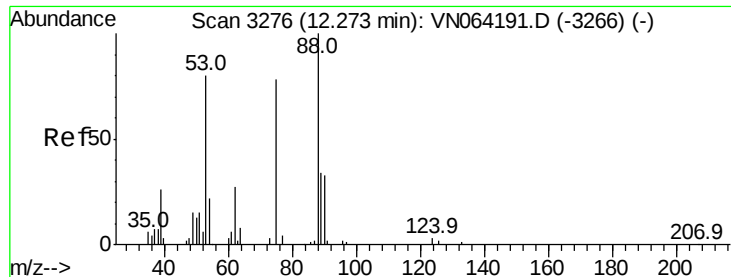
Tgt Ion: 105 Resp: 227325

Ion Ratio Lower Upper

105 100

120 46.6 0.0 95.0





#77

t-1,4-Dichloro-2-butene

Concen: 16.428 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN064208.D

Acq: 20 Oct 2020 20:15

Instrument :

MSVOA_N

ClientSampled :

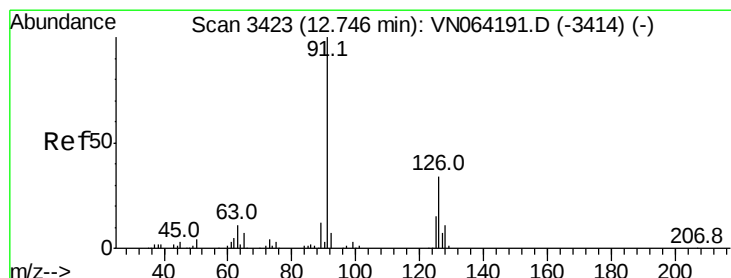
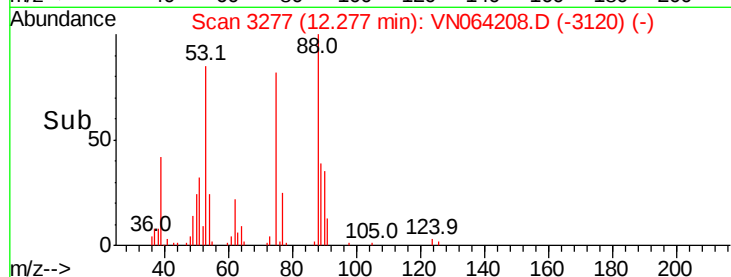
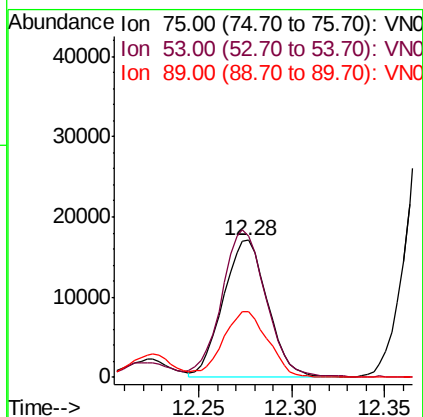
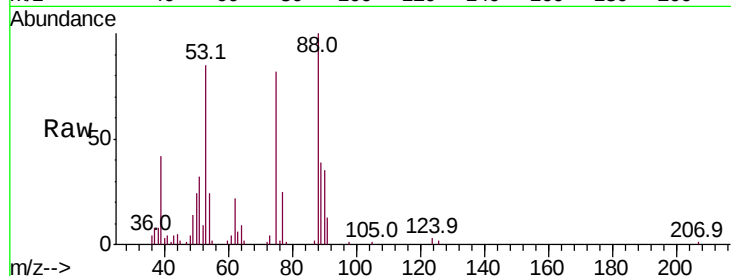
Tot Ion: 75 Resp: 28605

Ion Ratio Lower Upper

75 100

53 102.2 51.4 154.2

89 48.0 23.8 71.5



#78

4-Chlorotoluene

Concen: 16.772 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN064208.D

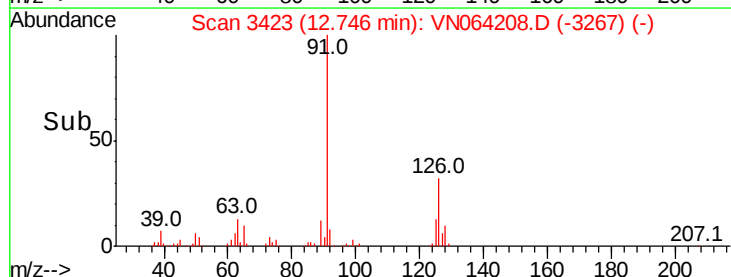
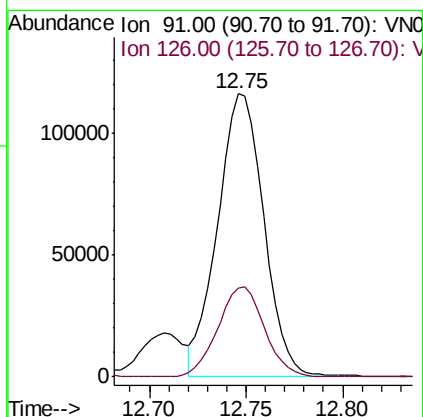
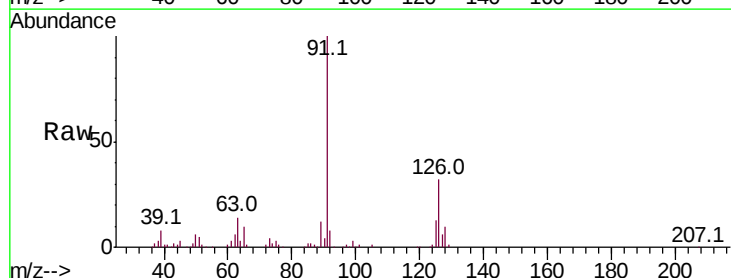
Acq: 20 Oct 2020 20:15

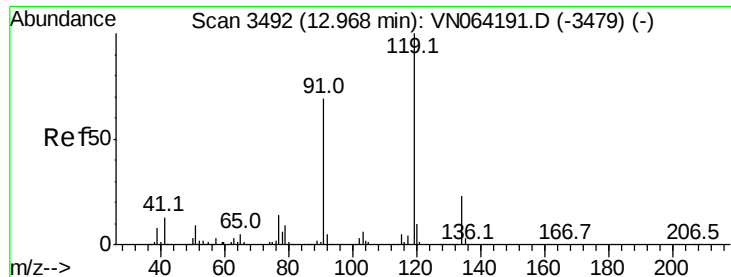
Tgt Ion: 91 Resp: 193038

Ion Ratio Lower Upper

91 100

126 32.2 0.0 63.2

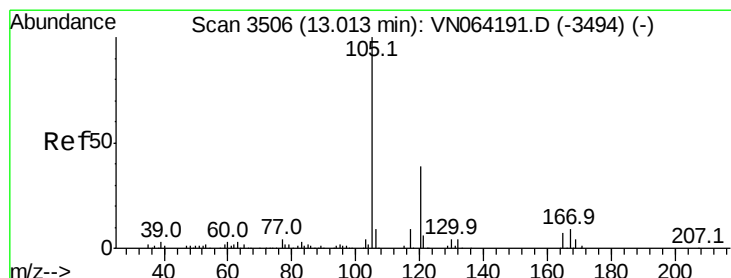
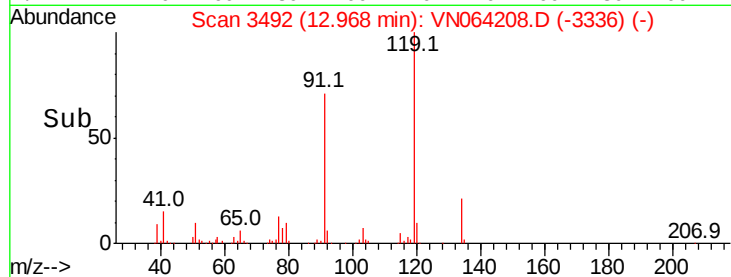
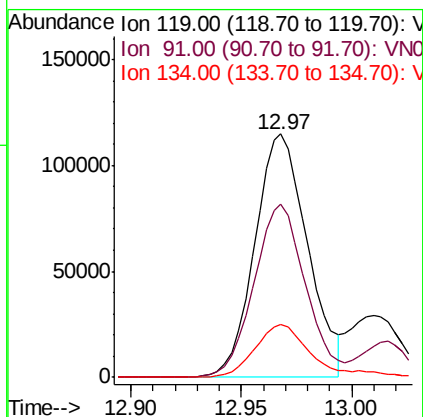
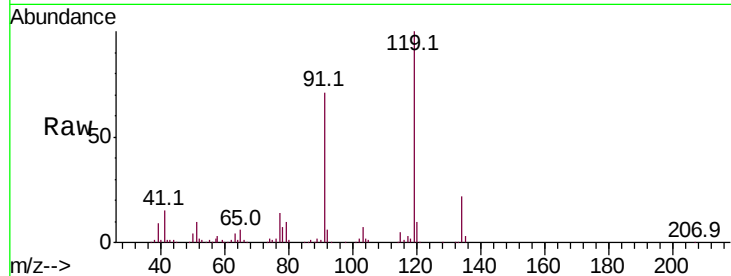




#79
tert-butylbenzene
Concen: 17.591 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. 0.00 min
Lab File: VN064208.D
Acq: 20 Oct 2020 20:15

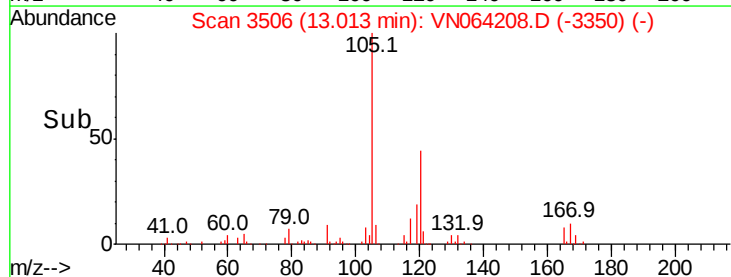
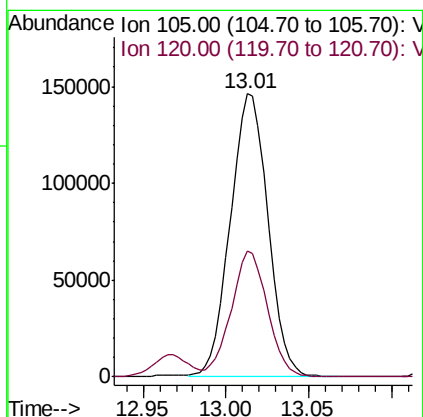
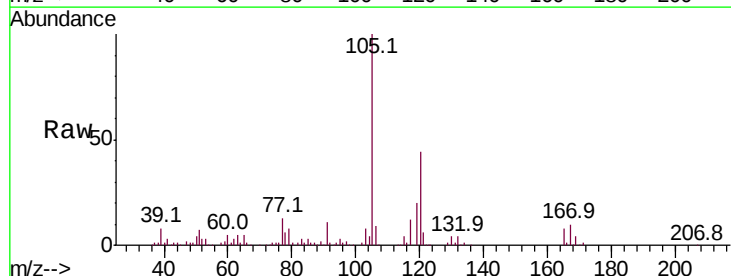
Instrument :
MSVOA_N
ClientSampled :

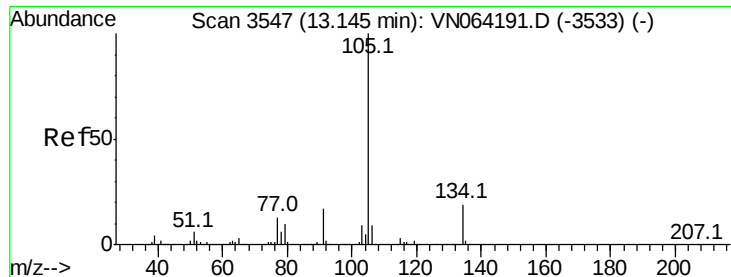
Tot Ion	Ratio	Lower	Upper
119	100		
91	69.9	0.0	143.2
134	22.0	0.0	49.2



#80
1,2,4-Trimethylbenzene
Concen: 17.161 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VN064208.D
Acq: 20 Oct 2020 20:15

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.0	0.0	85.8





#81

sec-Butylbenzene

Concen: 16.853 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. 0.00 min

Lab File: VN064208.D

Acq: 20 Oct 2020 20:15

Instrument :

MSVOA_N

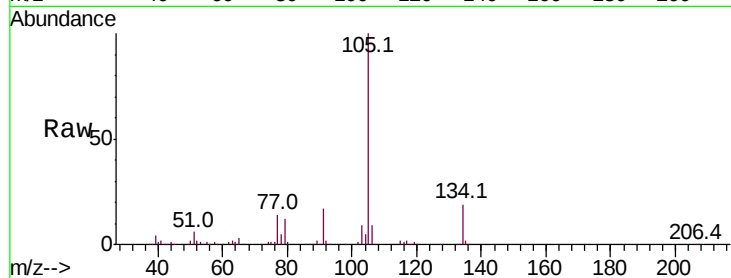
ClientSampleId :

Tot Ion:105 Resp: 237561

Ion Ratio Lower Upper

105 100

134 19.0 0.0 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.14

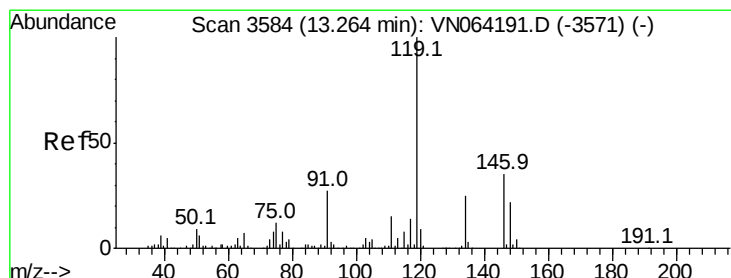
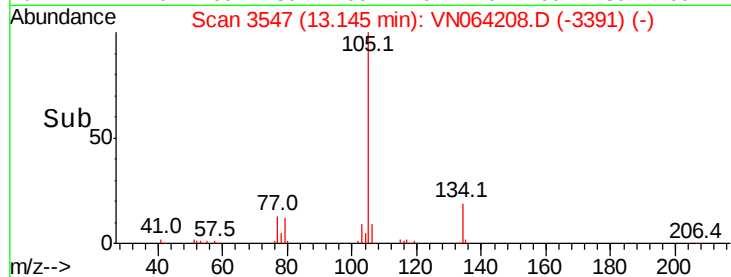
150000

100000

50000

0

Time-->



#82

p-Isopropyltoluene

Concen: 16.473 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064208.D

Acq: 20 Oct 2020 20:15

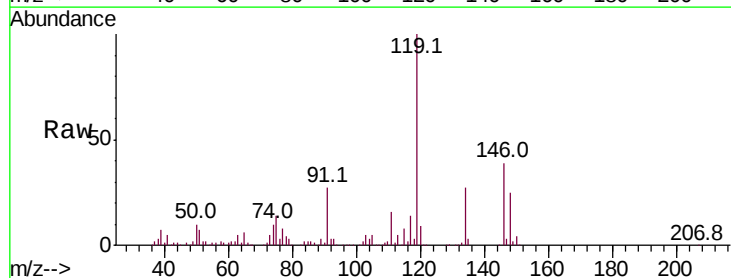
Tgt Ion:119 Resp: 214910

Ion Ratio Lower Upper

119 100

134 26.3 0.0 51.4

91 26.8 0.0 52.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.26

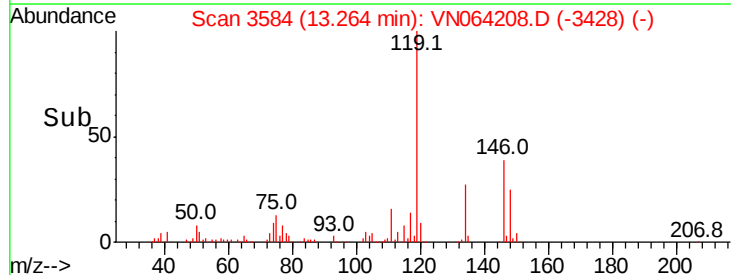
150000

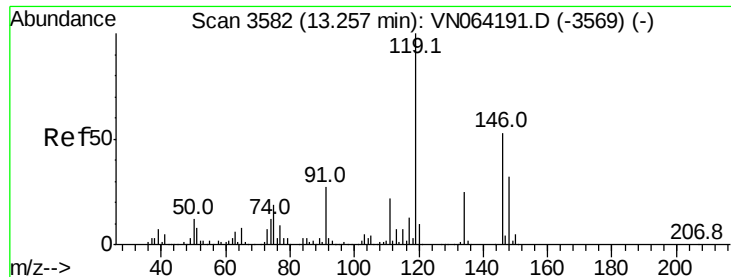
100000

50000

0

Time-->





#83

1,3-Dichlorobenzene

Concen: 16.465 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN064208.D

Acq: 20 Oct 2020 20:15

Instrument :

MSVOA_N

ClientSampleId :

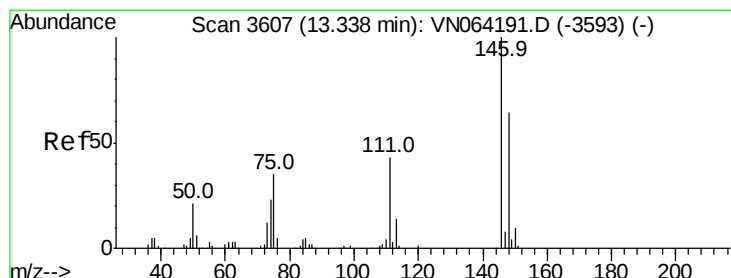
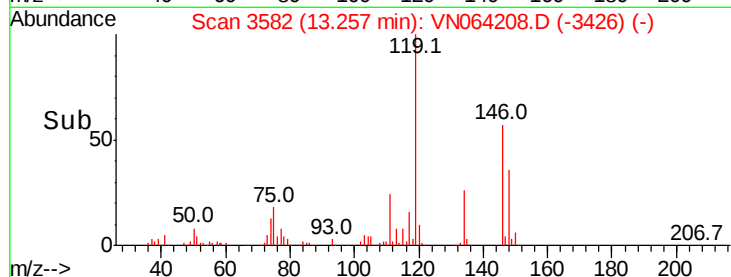
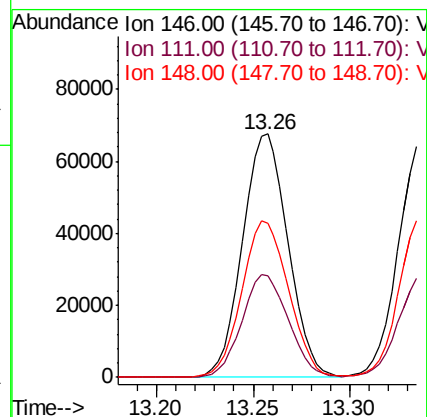
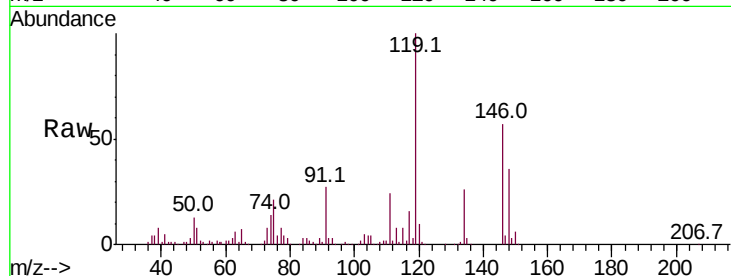
Tot Ion:146 Resp: 110835

Ion Ratio Lower Upper

146 100

111 43.0 21.8 65.4

148 65.7 31.4 94.2



#84

1,4-Dichlorobenzene

Concen: 16.401 ug/l

RT: 13.34 min Scan# 3607

Delta R.T. 0.00 min

Lab File: VN064208.D

Acq: 20 Oct 2020 20:15

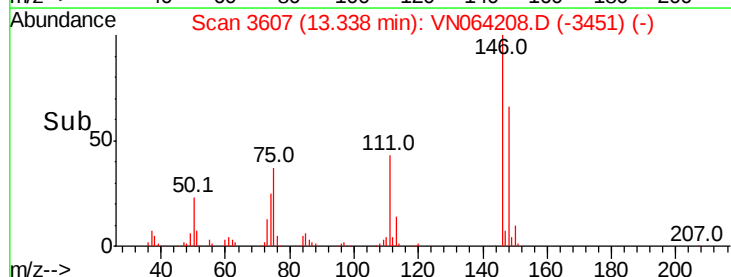
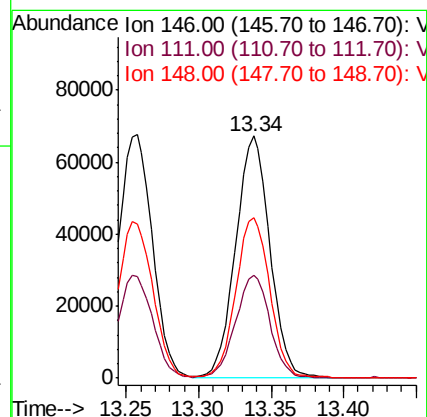
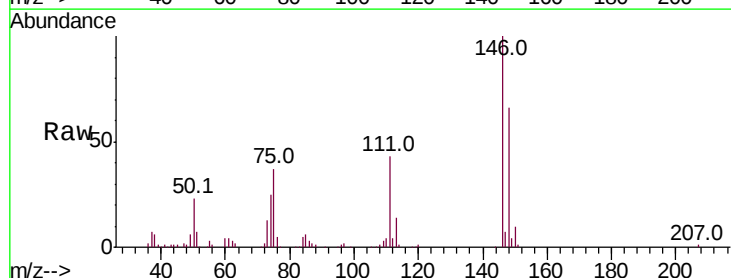
Tgt Ion:146 Resp: 110534

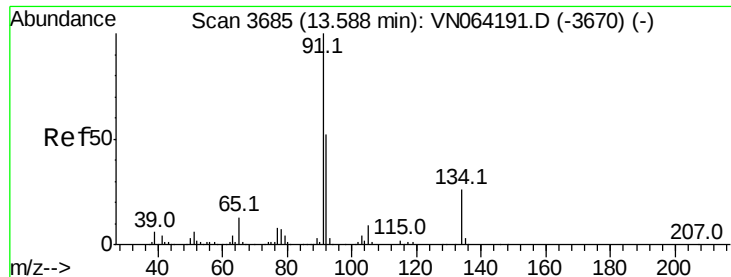
Ion Ratio Lower Upper

146 100

111 41.9 20.9 62.8

148 65.8 30.9 92.7

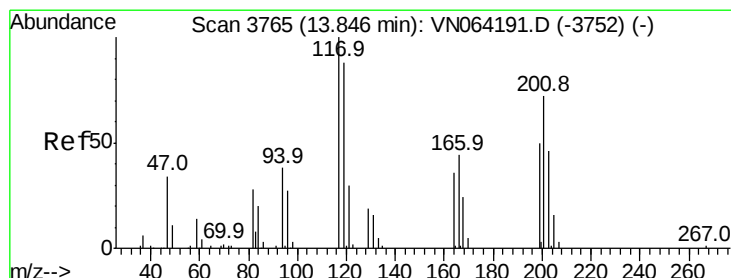
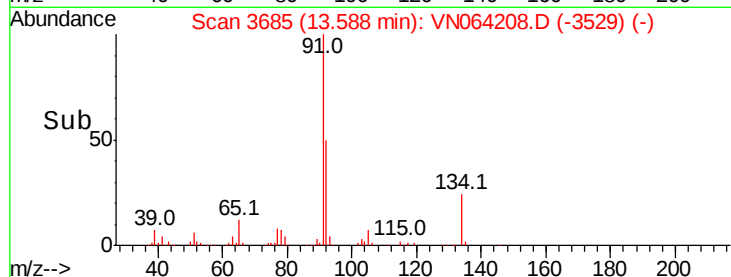
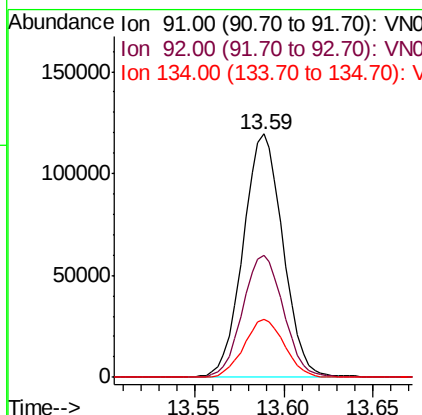
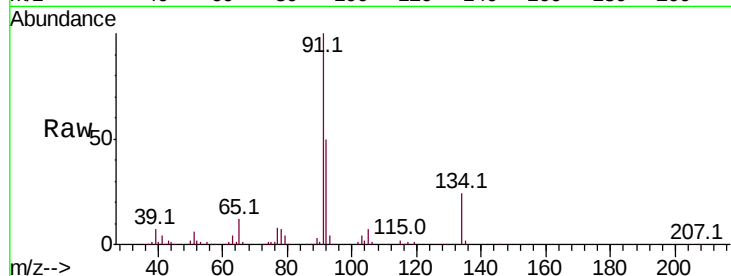




#85
n-Butylbenzene
Concen: 16.135 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064208.D
Acq: 20 Oct 2020 20:15

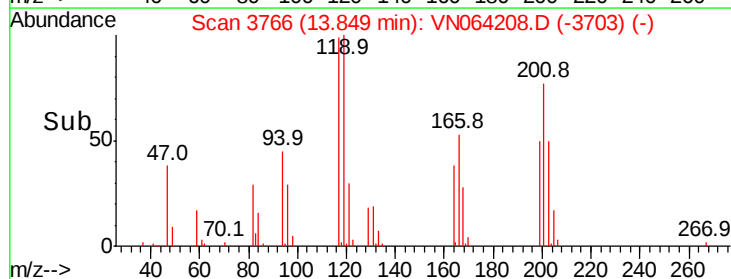
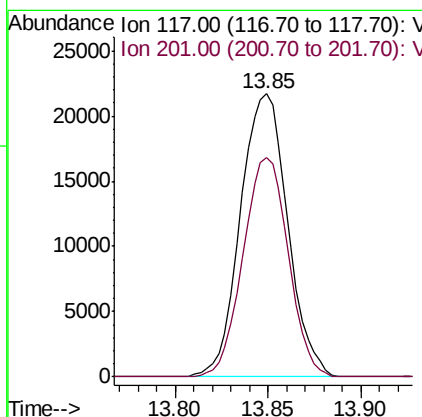
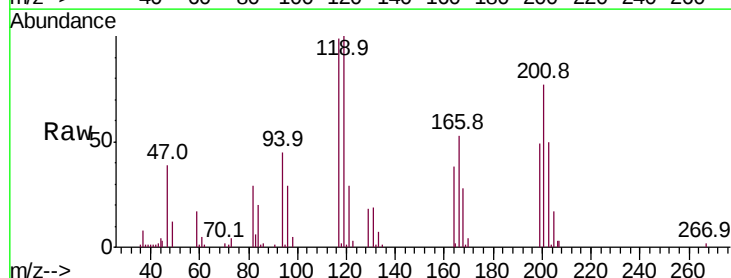
Instrument :
MSVOA_N
ClientSampled :

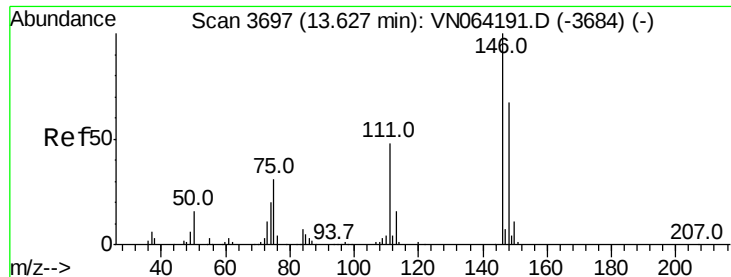
Tot Ion: 91 Resp: 186861
Ion Ratio Lower Upper
91 100
92 51.4 0.0 104.8
134 24.3 0.0 49.8



#86
Hexachloroethane
Concen: 17.073 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN064208.D
Acq: 20 Oct 2020 20:15

Tgt Ion: 117 Resp: 38346
Ion Ratio Lower Upper
117 100
201 74.2 37.5 112.3





#87

1,2-Dichlorobenzene

Concen: 16.661 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. 0.00 min

Lab File: VN064208.D

Acq: 20 Oct 2020 20:15

Instrument :

MSVOA_N

ClientSampled :

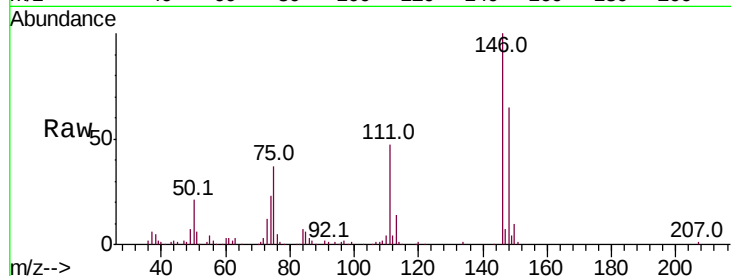
Tot Ion:146 Resp: 109374

Ion Ratio Lower Upper

146 100

111 47.5 22.6 67.8

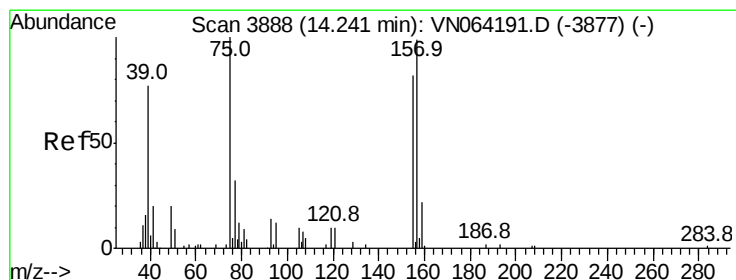
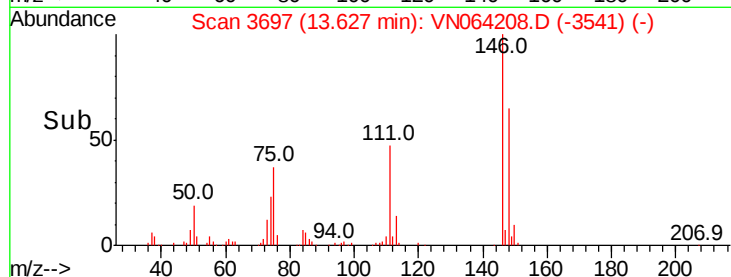
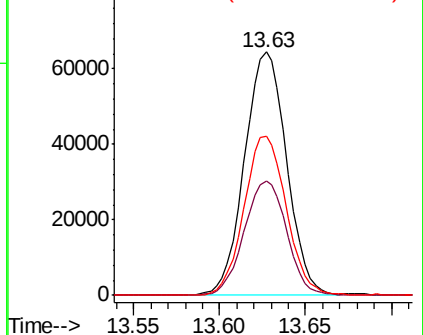
148 65.7 32.6 97.8



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#88

1,2-Dibromo-3-Chloropropane

Concen: 17.280 ug/l

RT: 14.24 min Scan# 3889

Delta R.T. 0.00 min

Lab File: VN064208.D

Acq: 20 Oct 2020 20:15

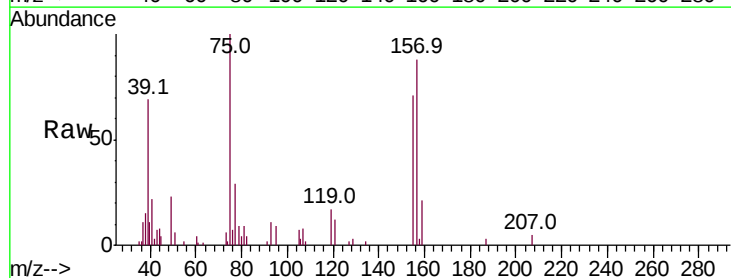
Tgt Ion: 75 Resp: 18678

Ion Ratio Lower Upper

75 100

155 72.4 61.1 91.7

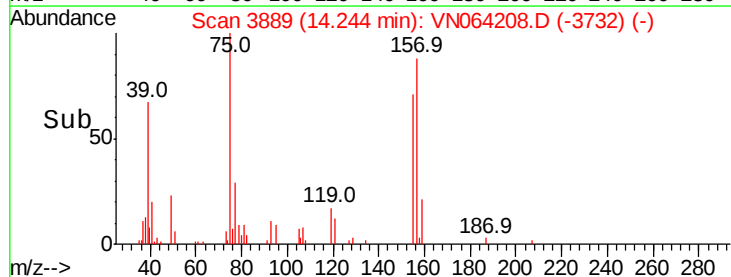
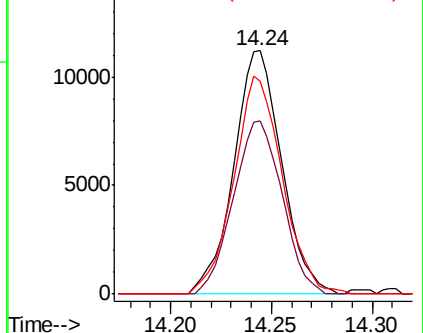
157 90.5 76.5 114.7

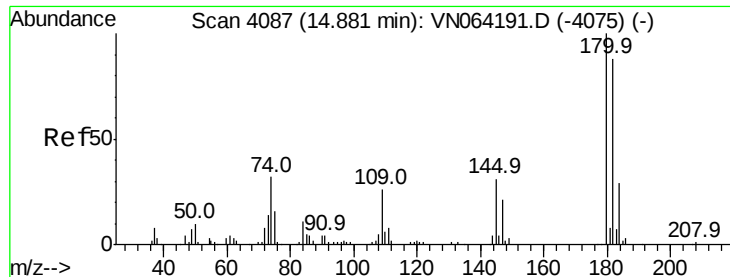


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

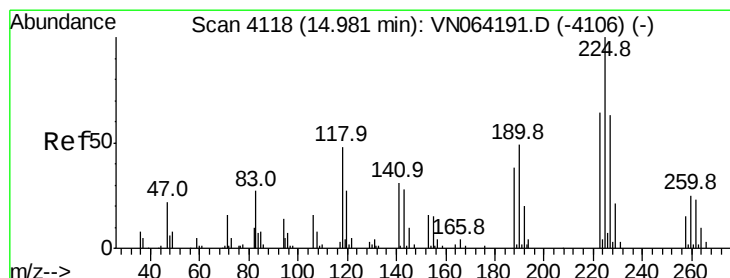
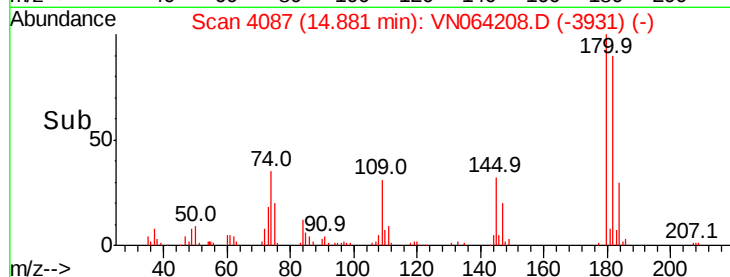
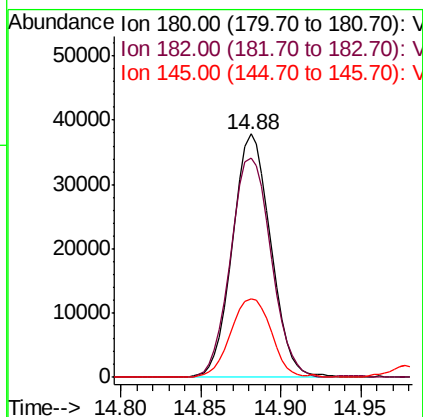
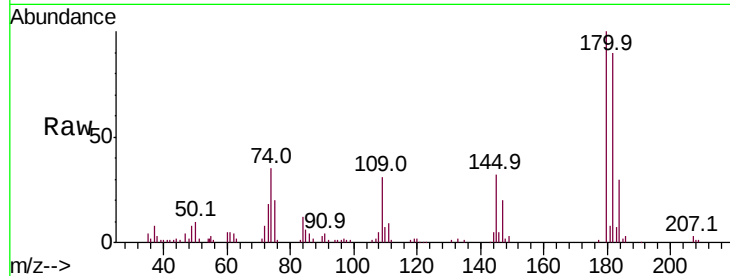




#89
1,2,4-Trichlorobenzene
Concen: 15.604 ug/l
RT: 14.88 min Scan# 4087
Delta R.T. 0.00 min
Lab File: VN064208.D
Acq: 20 Oct 2020 20:15

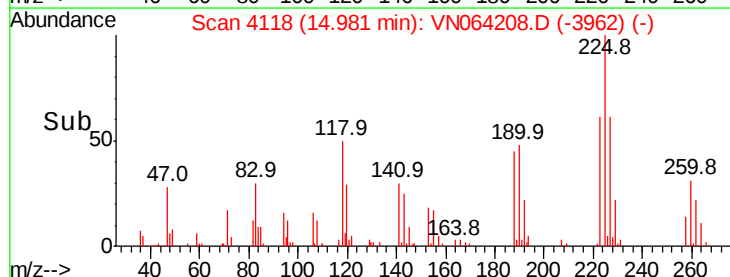
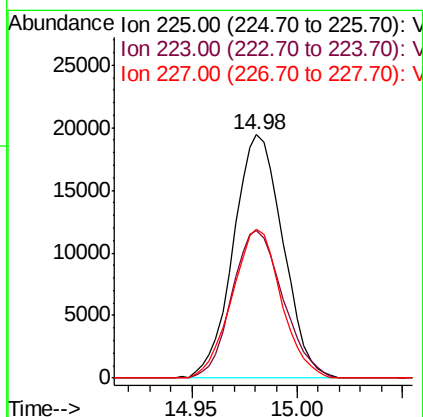
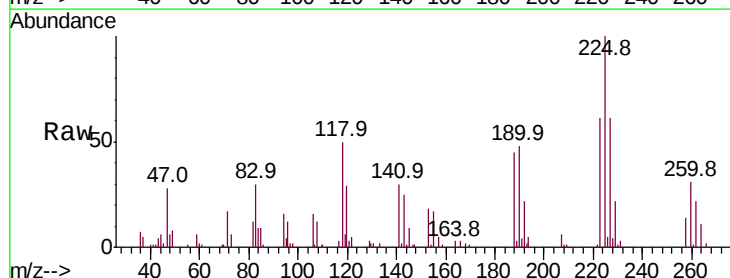
Instrument :
MSVOA_N
ClientSampleId :

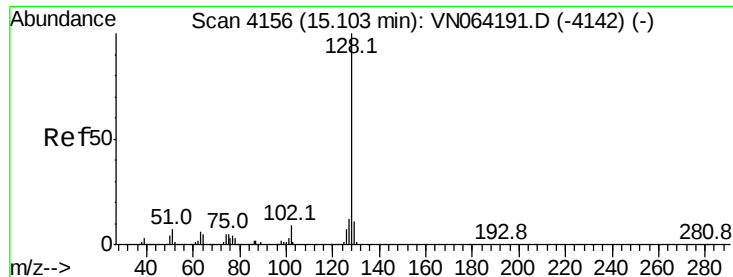
Tot Ion:180 Resp: 61516
Ion Ratio Lower Upper
180 100
182 95.7 73.0 109.4
145 34.2 24.3 36.5



#90
Hexachlorobutadiene
Concen: 15.880 ug/l
RT: 14.98 min Scan# 4118
Delta R.T. 0.00 min
Lab File: VN064208.D
Acq: 20 Oct 2020 20:15

Tgt Ion:225 Resp: 31732
Ion Ratio Lower Upper
225 100
223 62.6 0.0 127.0
227 60.6 0.0 129.4





#91

Naphthalene

Concen: 16.368 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064208.D

Acq: 20 Oct 2020 20:15

Instrument :

MSVOA_N

ClientSampleId :

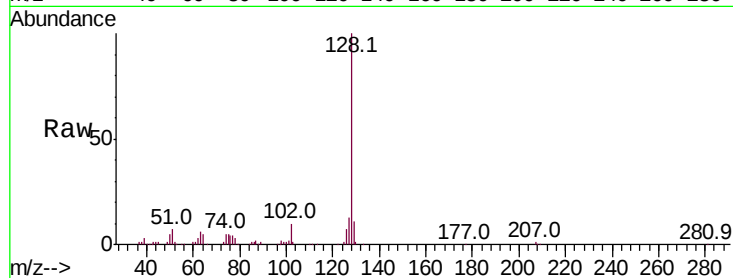
Tot Ion:128 Resp: 195595

Ion Ratio Lower Upper

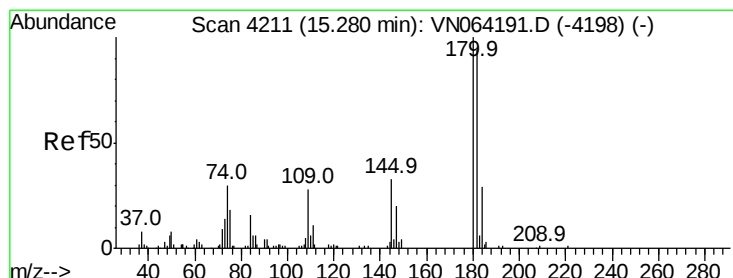
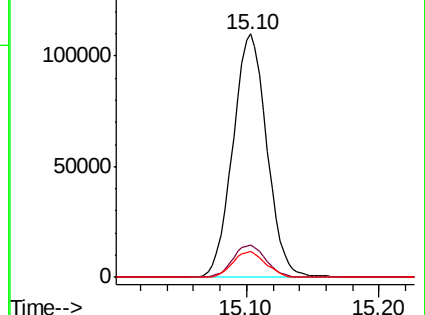
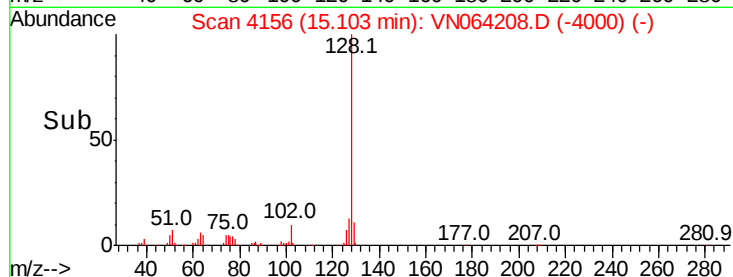
128 100

127 13.0 10.1 15.1

129 10.3 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
150000
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 16.325 ug/l

RT: 15.28 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN064208.D

Acq: 20 Oct 2020 20:15

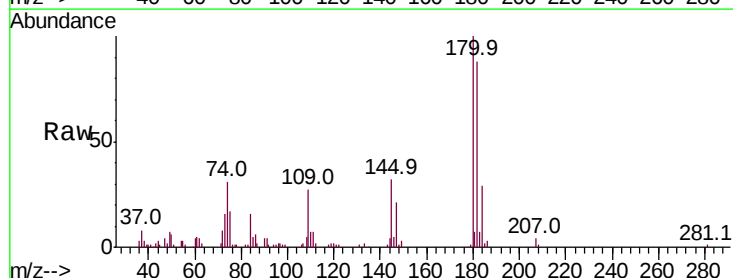
Tgt Ion:180 Resp: 61550

Ion Ratio Lower Upper

180 100

182 94.4 0.0 190.0

145 33.1 0.0 66.6



Abundance Ion 180.00 (179.70 to 180.70): V
50000
Ion 182.00 (181.70 to 182.70): V
Ion 145.00 (144.70 to 145.70): V

