

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN083120\
 Data File : VN063153.D
 Acq On : 31 Aug 2020 15:46
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN083120

Quant Time: Sep 01 04:34:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 01 04:21:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	448434	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	847619	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	788219	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	366769	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	347135	47.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.70%	
35) Dibromofluoromethane	7.55	113	260005	47.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.62%	
50) Toluene-d8	10.06	98	1033670	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	
62) 4-Bromofluorobenzene	12.38	95	373985	51.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	203430	46.063	ug/l	96
3) Chloromethane	2.03	50	293732	45.676	ug/l	97
4) Vinyl Chloride	2.17	62	336468	47.366	ug/l	98
5) Bromomethane	2.54	94	302692	50.621	ug/l	98
6) Chloroethane	2.68	64	275707	48.814	ug/l	98
7) Trichlorofluoromethane	2.98	101	495411	50.598	ug/l	100
8) Diethyl Ether	3.38	74	165283	48.629	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.72	101	234022	48.468	ug/l	100
10) Methyl Iodide	3.91	142	307682	46.722	ug/l	100
11) Tert butyl alcohol	4.73	59	231818	257.625	ug/l	99
12) 1,1-Dichloroethene	3.70	96	232342	47.224	ug/l	99
13) Acrolein	3.57	56	69584	206.075	ug/l	97
14) Allyl chloride	4.28	41	446875	51.142	ug/l	98
15) Acrylonitrile	4.93	53	607712	241.191	ug/l	99
16) Acetone	3.78	43	507522	243.547	ug/l	100
17) Carbon Disulfide	4.01	76	699757	47.784	ug/l	98
18) Methyl Acetate	4.28	43	268507	50.253	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	890744	48.803	ug/l	98
20) Methylene Chloride	4.51	84	283737	48.407	ug/l	91
21) trans-1,2-Dichloroethene	4.99	96	269285	49.540	ug/l	96
22) Diisopropyl ether	5.90	45	963231	49.192	ug/l	94
23) Vinyl Acetate	5.84	43	4099470	262.382	ug/l	99
24) 1,1-Dichloroethane	5.80	63	521991	48.356	ug/l	98
25) 2-Butanone	6.78	43	856202	265.351	ug/l	98
26) 2,2-Dichloropropane	6.78	77	488060	49.903	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	315248	47.714	ug/l	99
28) Bromochloromethane	7.15	49	257769	45.707	ug/l	99
29) Tetrahydrofuran	7.16	42	573100	256.869	ug/l	100
30) Chloroform	7.33	83	543606	48.134	ug/l	99
31) Cyclohexane	7.61	56	462475	48.567	ug/l	100
32) 1,1,1-Trichloroethane	7.53	97	478790	49.198	ug/l	99
36) 1,1-Dichloropropene	7.75	75	413386	50.731	ug/l	99
37) Ethyl Acetate	6.88	43	381829	49.627	ug/l #	96
38) Carbon Tetrachloride	7.73	117	408580	49.442	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	459913	50.240	ug/l	97
40) Benzene	8.00	78	1191538	49.760	ug/l	99
41) Methacrylonitrile	7.13	41	180180	52.488	ug/l	94
42) 1,2-Dichloroethane	8.08	62	455835	50.961	ug/l	99
43) Isopropyl Acetate	8.13	43	692366	52.100	ug/l	100
44) Trichloroethene	8.80	130	294319	50.673	ug/l	100
45) 1,2-Dichloropropane	9.09	63	313600	49.464	ug/l	100
46) Dibromomethane	9.17	93	213165	50.736	ug/l	99
47) Bromodichloromethane	9.37	83	448859	49.841	ug/l	98
48) Methyl methacrylate	9.16	41	315972	52.743	ug/l	97
49) 1,4-Dioxane	9.17	88	94390	1018.676	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	1950307	270.073	ug/l	99
52) Toluene	10.13	92	763533	51.187	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	514242	52.202	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	540690	52.289	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	288369	50.479	ug/l	97
56) Ethyl methacrylate	10.40	69	458903	52.785	ug/l	100
57) 1,3-Dichloropropane	10.68	76	516496	50.752	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	1182839	262.740	ug/l	100
59) 2-Hexanone	10.72	43	1442408	284.213	ug/l	99
60) Dibromochloromethane	10.87	129	328064	51.944	ug/l	99
61) 1,2-Dibromoethane	10.98	107	309307	52.085	ug/l	99
64) Tetrachloroethene	10.60	164	256396	45.298	ug/l	99
65) Chlorobenzene	11.41	112	802503	50.549	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	295627	50.155	ug/l	98
67) Ethyl Benzene	11.49	91	1494213	51.593	ug/l	98
68) m/p-Xylenes	11.60	106	1103467	102.873	ug/l	99
69) o-Xylene	11.92	106	529533	51.102	ug/l	97
70) Styrene	11.94	104	926338	52.016	ug/l	100
71) Bromoform	12.10	173	211173	52.792	ug/l #	98
73) Isopropylbenzene	12.23	105	1442472	51.277	ug/l	100
74) N-amyl acetate	12.05	43	613211	52.626	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	416991	51.416	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	566847	78.661	ug/l #	100
77) Bromobenzene	12.50	156	318126	50.004	ug/l	99
78) n-propylbenzene	12.57	91	1697350	52.143	ug/l	100
79) 2-Chlorotoluene	12.65	91	987706	50.660	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	1215635	51.917	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	155012	51.991	ug/l	97
82) 4-Chlorotoluene	12.75	91	1043845	51.623	ug/l	100
83) tert-Butylbenzene	12.97	119	1010781	50.334	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	1236226	52.379	ug/l	98
85) sec-Butylbenzene	13.15	105	1374619	52.523	ug/l	99
86) p-Isopropyltoluene	13.27	119	1252255	53.894	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	605392	51.799	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	606282	50.098	ug/l	100
89) n-Butylbenzene	13.59	91	1140986	53.153	ug/l	99
90) Hexachloroethane	13.85	117	227256	52.835	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	585207	51.598	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	88115	49.418	ug/l	98

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QLast Update : Tue Sep 01 04:21:28 2020
Response via : Initial Calibration

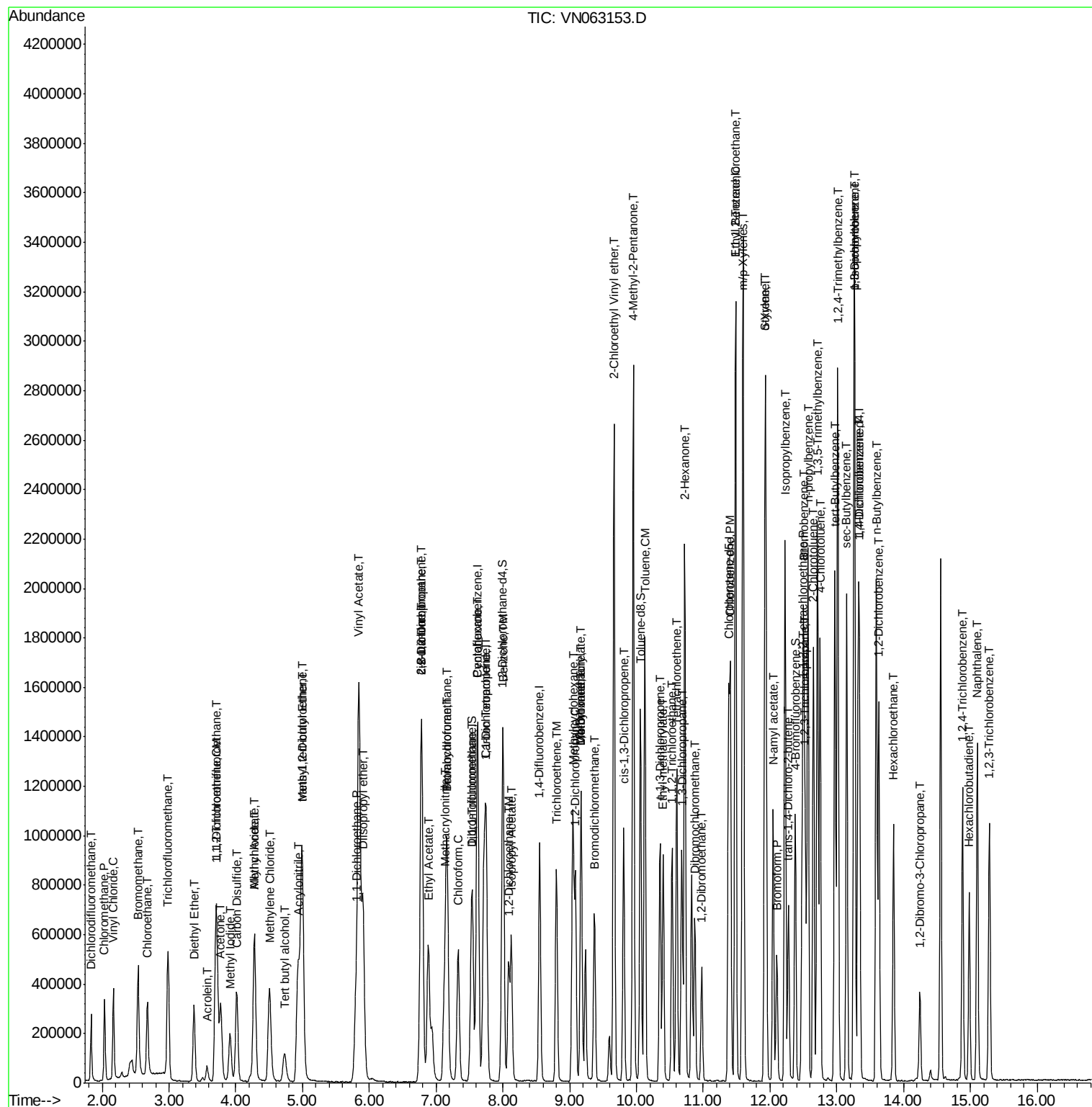
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	328411	51.829	ug/l	99
94) Hexachlorobutadiene	14.98	225	117392	49.593	ug/l	98
95) Naphthalene	15.11	128	1133719	53.628	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	311983	50.537	ug/l	99

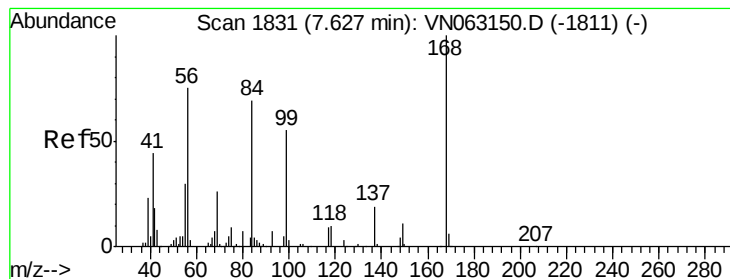
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN083120\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063153.D

Acq: 31 Aug 2020 15:46

Instrument :

MSVOA_N

ClientSampleId :

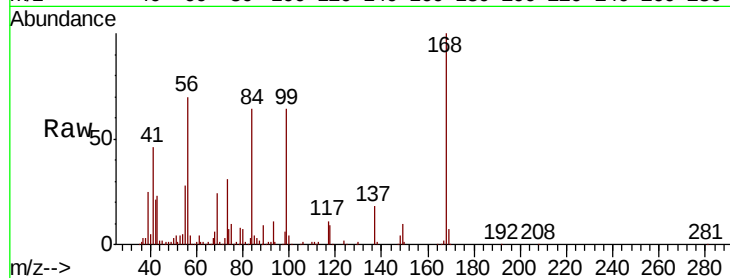
ICVVN083120

Tot Ion:168 Resp: 448434

Ion Ratio Lower Upper

168 100

99 64.0 54.2 81.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

200000

150000

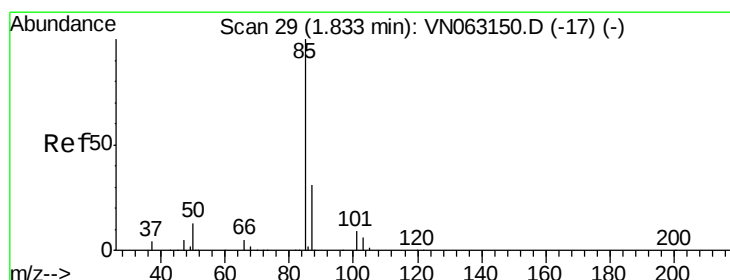
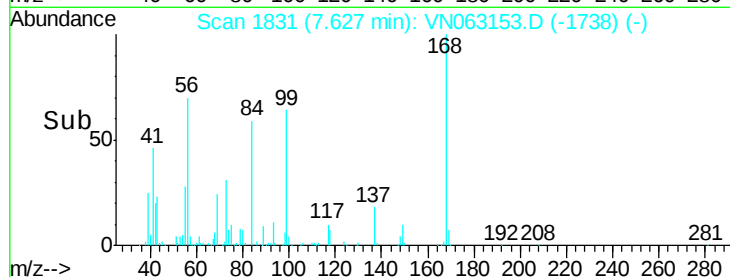
100000

50000

0

7.50 7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 46.063 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063153.D

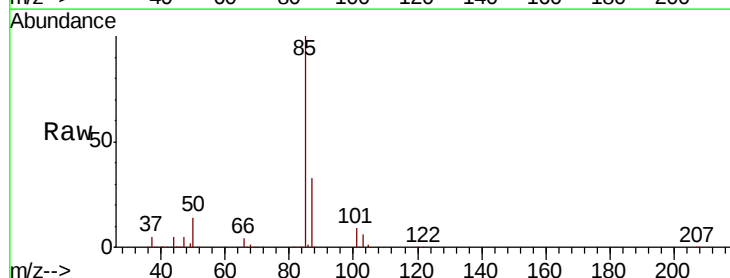
Acq: 31 Aug 2020 15:46

Tgt Ion: 85 Resp: 203430

Ion Ratio Lower Upper

85 100

87 33.4 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

150000

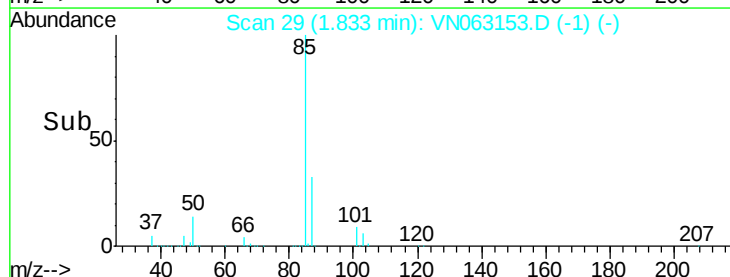
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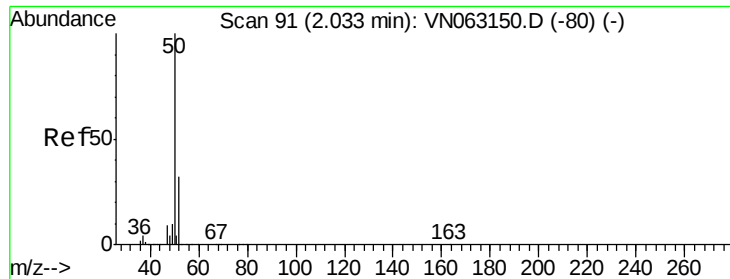
50000

0

1.75 1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 45.676 ug/l

RT: 2.03 min Scan# 91

Delta R.T. 0.00 min

Lab File: VN063153.D

Acq: 31 Aug 2020 15:46

Instrument :

MSVOA_N

ClientSampleId :

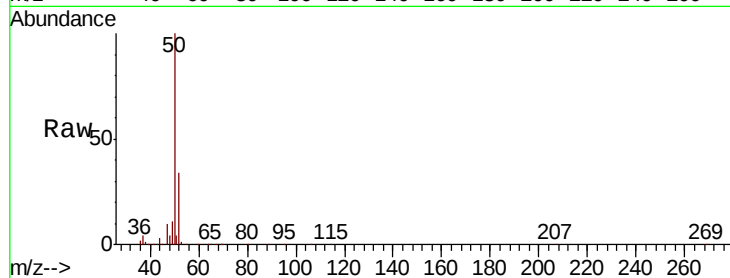
ICVVN083120

Tot Ion: 50 Resp: 293732

Ion Ratio Lower Upper

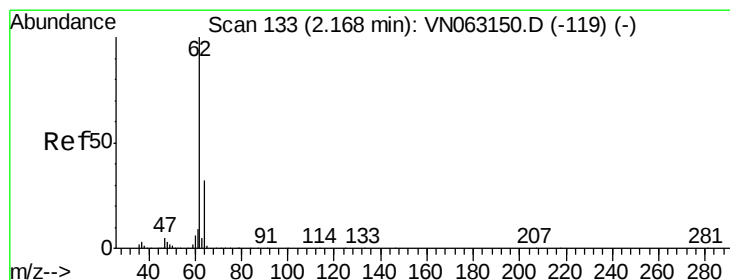
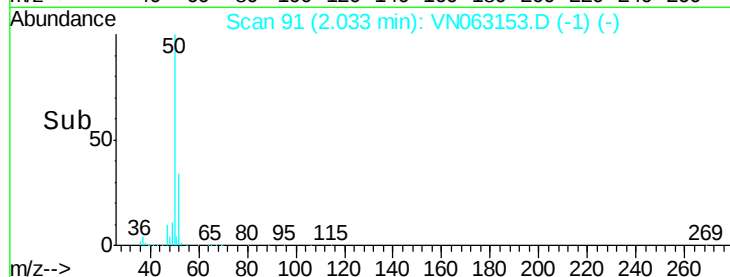
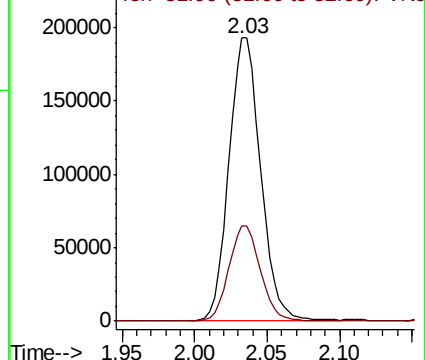
50 100

52 33.8 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 47.366 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN063153.D

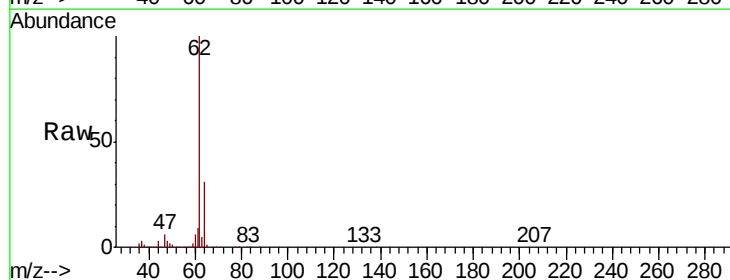
Acq: 31 Aug 2020 15:46

Tgt Ion: 62 Resp: 336468

Ion Ratio Lower Upper

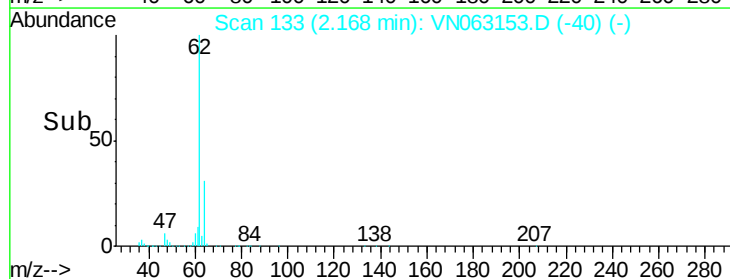
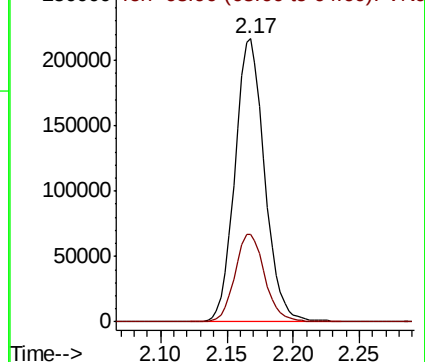
62 100

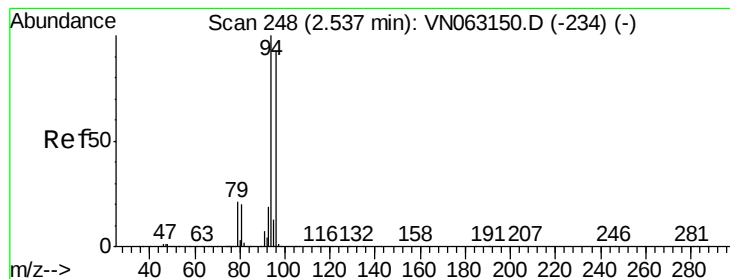
64 31.1 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 50.621 ug/l

RT: 2.54 min Scan# 248

Delta R.T. 0.00 min

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ClientSampleId :

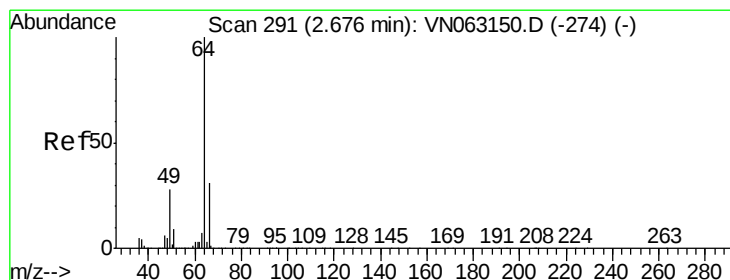
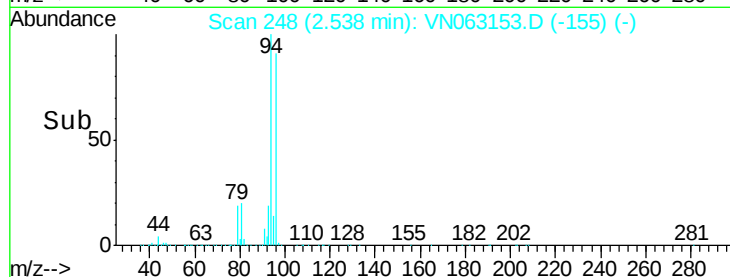
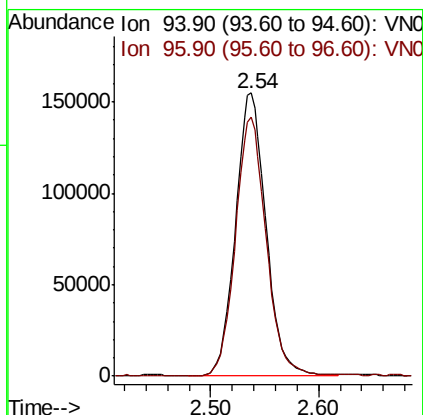
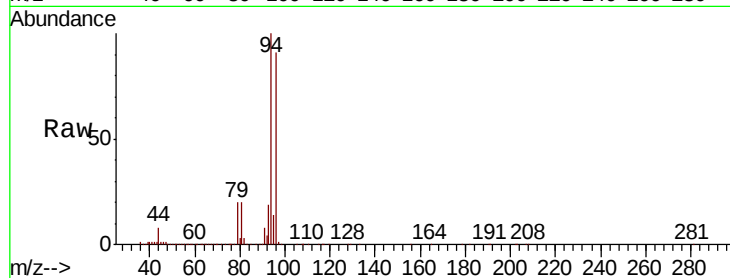
ICVFN083120

Tot Ion: 94 Resp: 302692

Ion Ratio Lower Upper

94 100

96 91.3 74.4 111.6



#6

Chloroethane

Concen: 48.814 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN063153.D

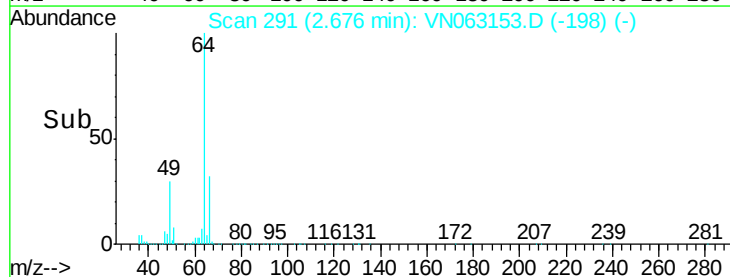
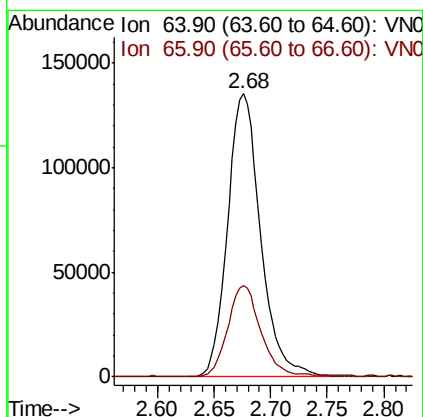
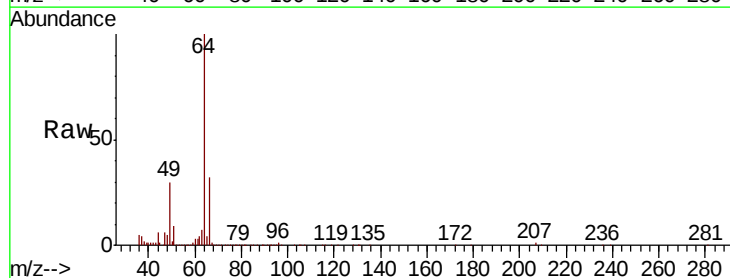
Acq: 31 Aug 2020 15:46

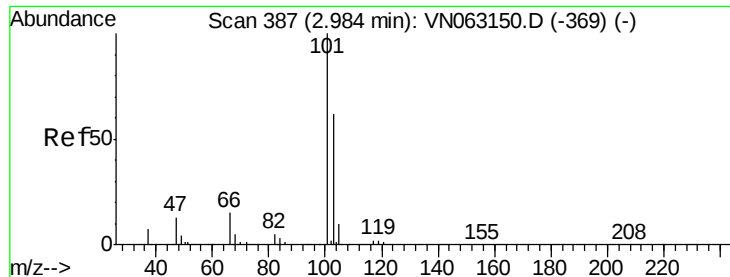
Tgt Ion: 64 Resp: 275707

Ion Ratio Lower Upper

64 100

66 32.1 24.7 37.1



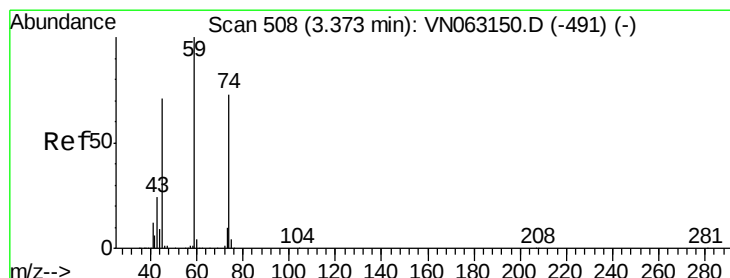
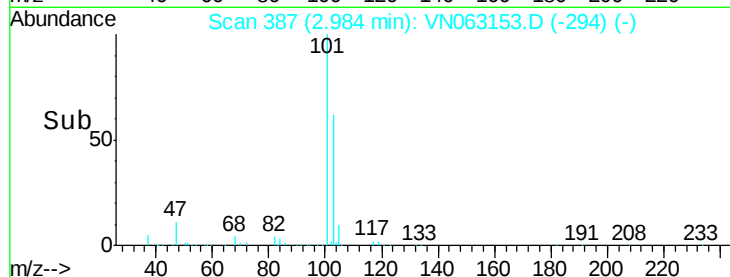
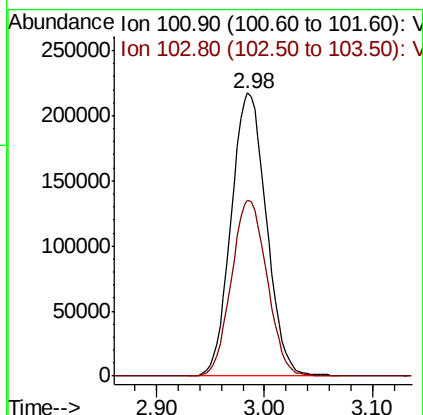
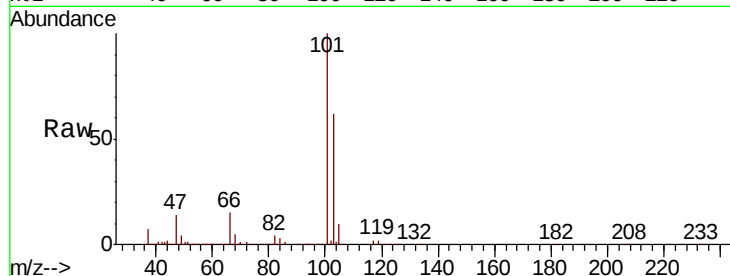


#7

Trichlorofluoromethane
 Concen: 50.598 ug/l
 RT: 2.98 min Scan# 387
 Delta R.T. 0.00 min
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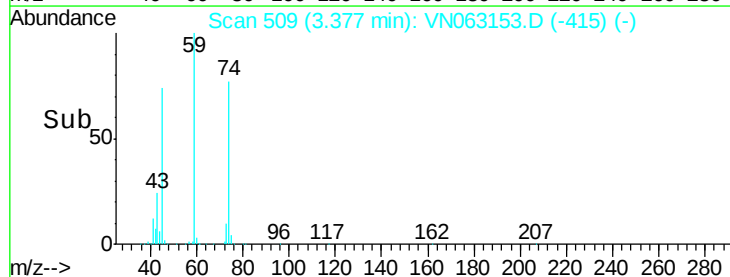
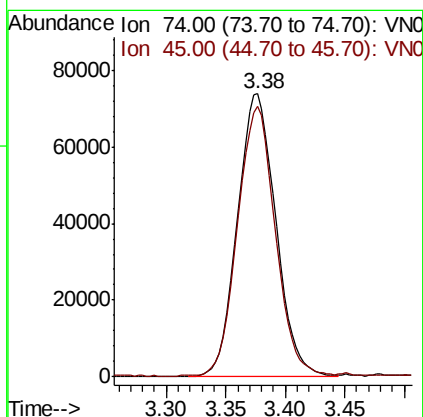
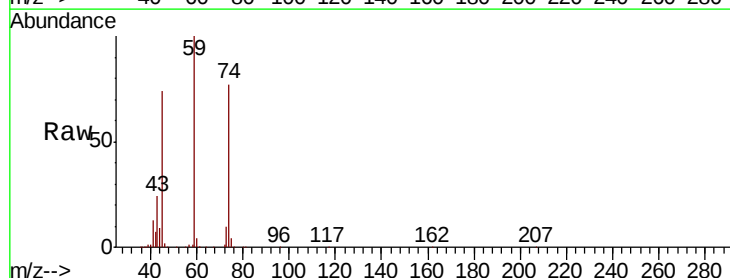
Tot Ion:101 Resp: 495411
 Ion Ratio Lower Upper
 101 100
 103 62.1 49.7 74.5

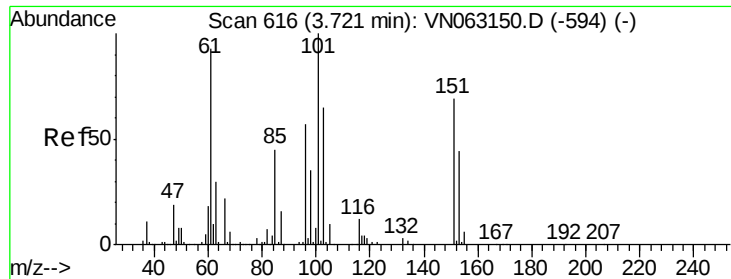


#8

Diethyl Ether
 Concen: 48.629 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN063153.D
 Acq: 31 Aug 2020 15:46

Tgt Ion: 74 Resp: 165283
 Ion Ratio Lower Upper
 74 100
 45 93.7 49.5 148.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.468 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

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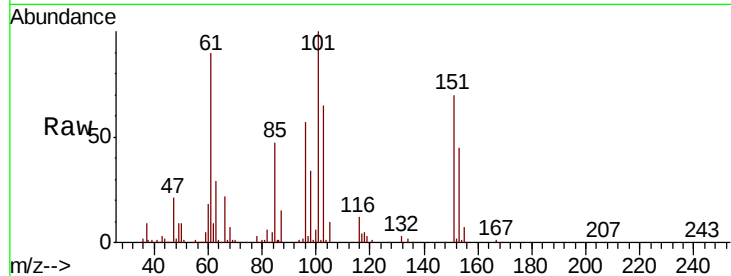
Tot Ion:101 Resp: 234022

Ion Ratio Lower Upper

101 100

85 47.3 37.8 56.8

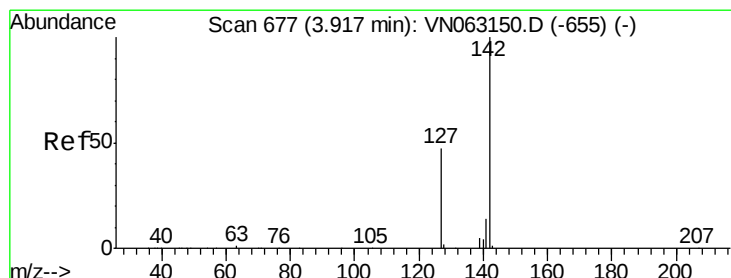
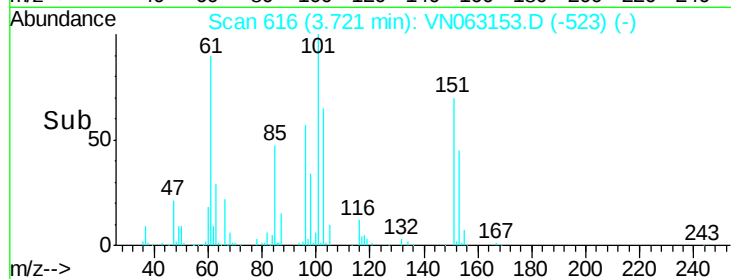
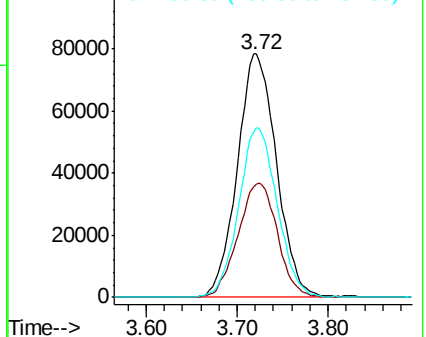
151 68.6 55.0 82.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 46.722 ug/l

RT: 3.91 min Scan# 676

Delta R.T. -0.00 min

Lab File: VN063153.D

Acq: 31 Aug 2020 15:46

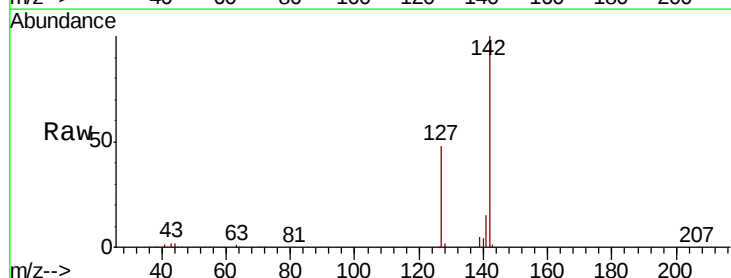
Tgt Ion:142 Resp: 307682

Ion Ratio Lower Upper

142 100

127 46.9 37.6 56.4

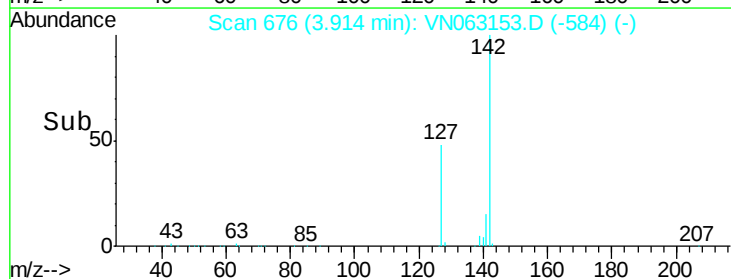
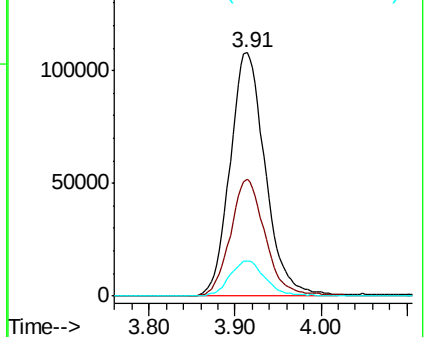
141 14.5 11.3 16.9

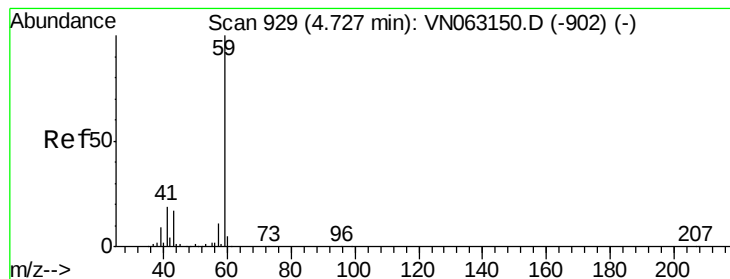


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



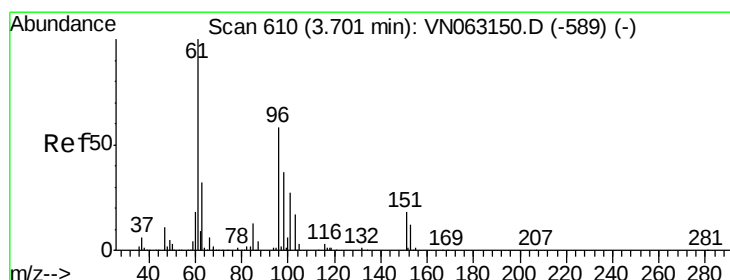
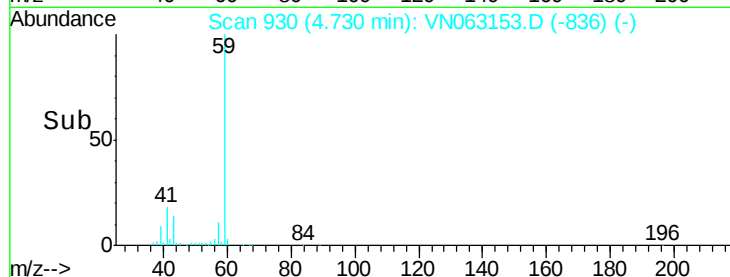
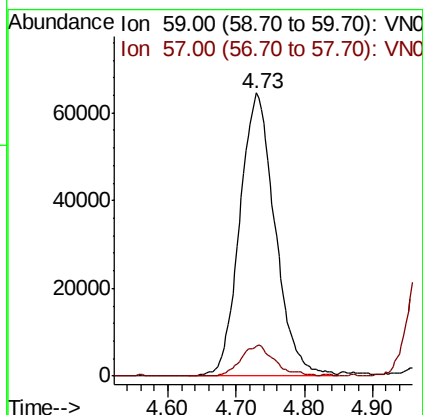
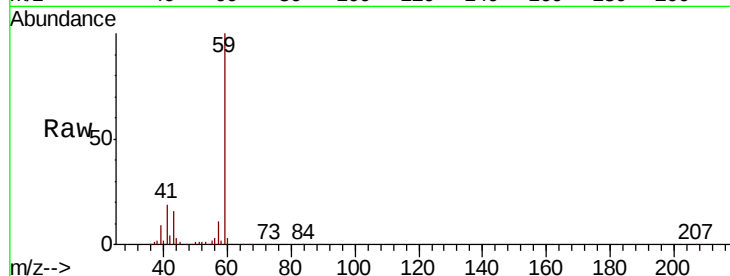


#11

Tert butyl alcohol
 Concen: 257.625 ug/l
 RT: 4.73 min Scan# 930
 Delta R.T. 0.00 min
 Lab File: VN063153.D
 Acq: 31 Aug 2020 15:46

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN083120

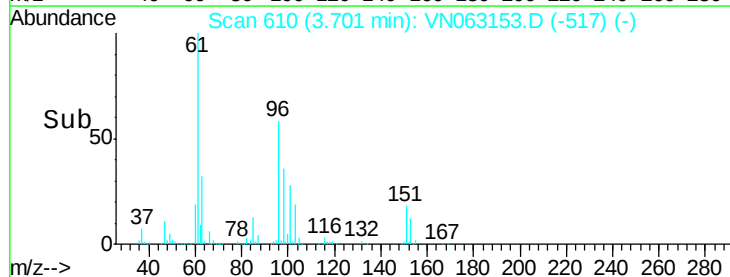
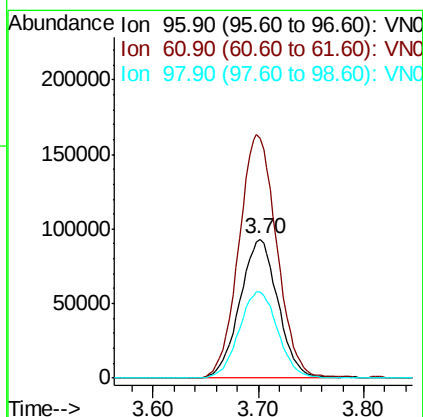
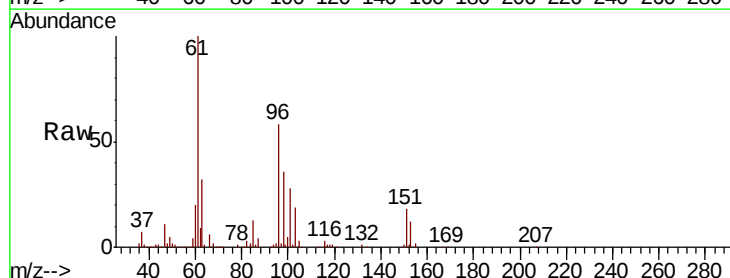
Tot Ion: 59 Resp: 231818
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.4 12.6

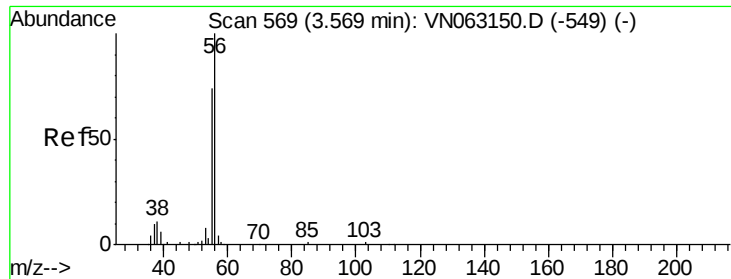


#12

1,1-Dichloroethene
 Concen: 47.224 ug/l
 RT: 3.70 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: VN063153.D
 Acq: 31 Aug 2020 15:46

Tgt Ion: 96 Resp: 232342
 Ion Ratio Lower Upper
 96 100
 61 172.6 137.4 206.2
 98 62.1 50.5 75.7





#13

Acrolein

Concen: 206.075 ug/l

RT: 3.57 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN063153.D

Acq: 31 Aug 2020 15:46

Instrument :

MSVOA_N

ClientSampleId :

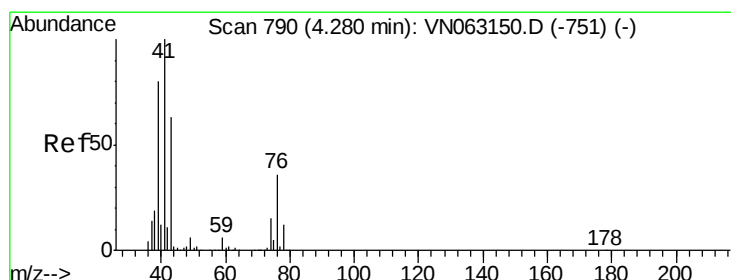
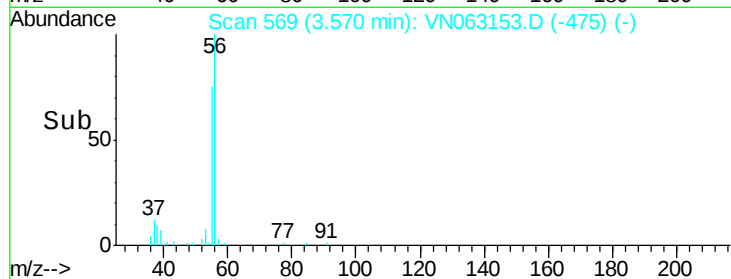
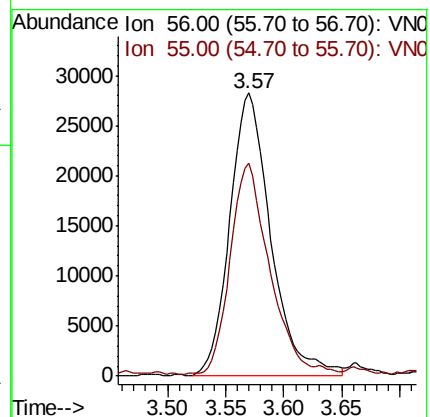
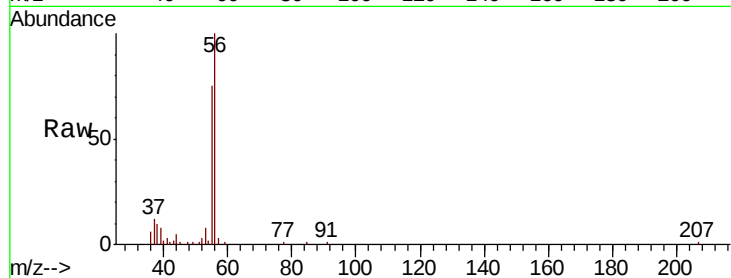
ICVVN083120

Tot Ion: 56 Resp: 69584

Ion Ratio Lower Upper

56 100

55 71.9 55.4 83.0



#14

Allyl chloride

Concen: 51.142 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063153.D

Acq: 31 Aug 2020 15:46

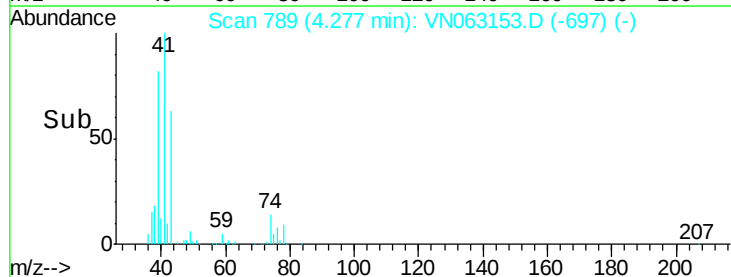
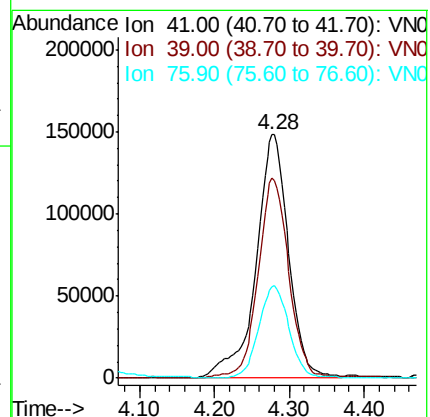
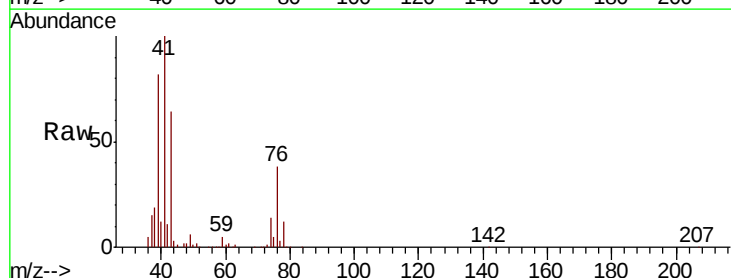
Tgt Ion: 41 Resp: 446875

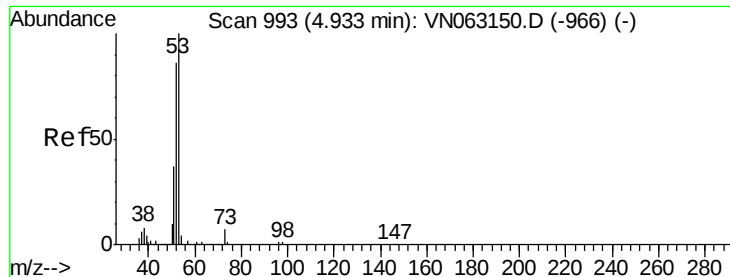
Ion Ratio Lower Upper

41 100

39 77.6 60.2 90.2

76 34.5 27.7 41.5





#15

Acrylonitrile

Concen: 241.191 ug/l

RT: 4.93 min Scan# 993

Delta R.T. 0.00 min

Lab File: VN063153.D

Acq: 31 Aug 2020 15:46

Instrument :

MSVOA_N

ClientSampleId :

ICVVN083120

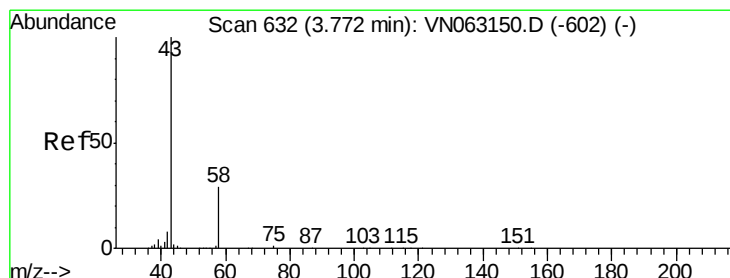
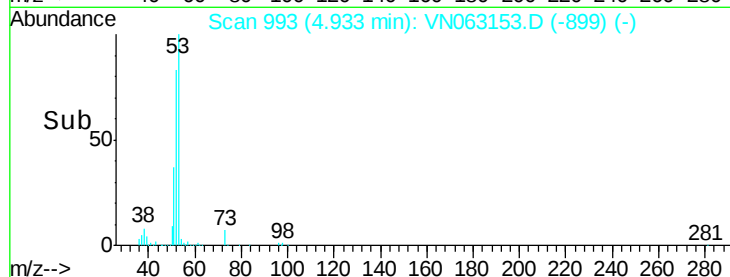
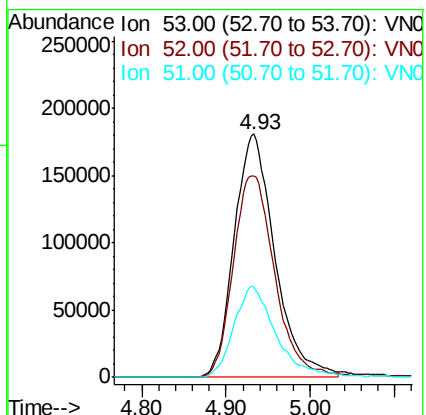
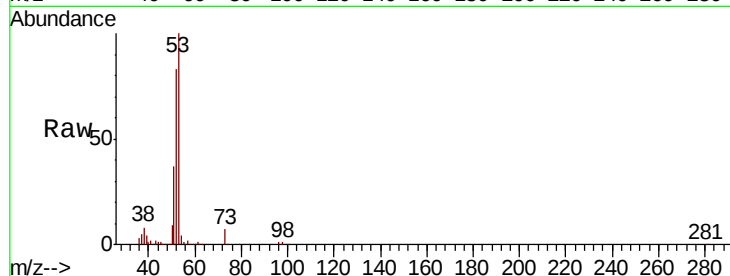
Tot Ion: 53 Resp: 607712

Ion Ratio Lower Upper

53 100

52 84.3 67.2 100.8

51 38.7 30.2 45.4



#16

Acetone

Concen: 243.547 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN063153.D

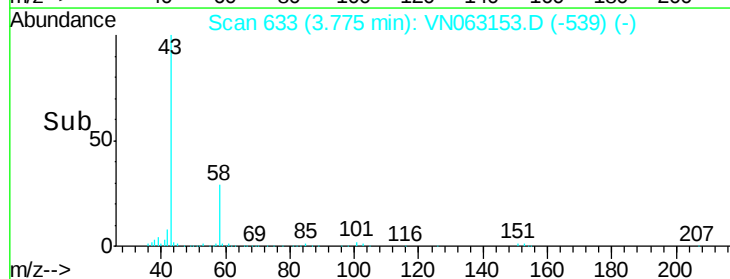
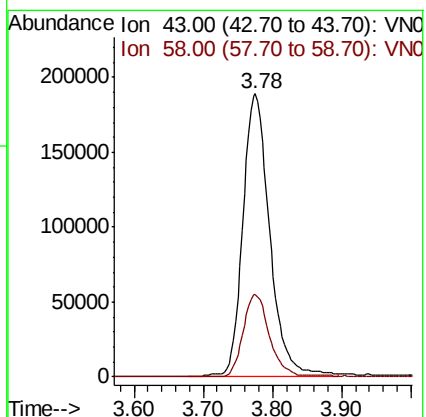
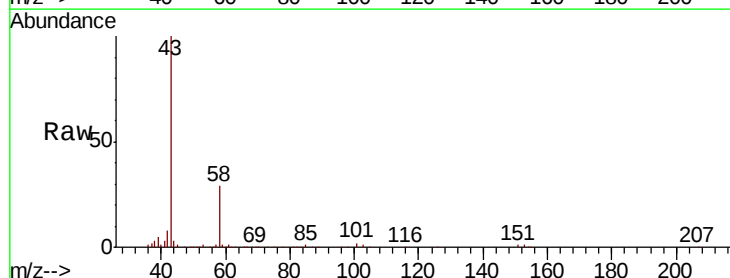
Acq: 31 Aug 2020 15:46

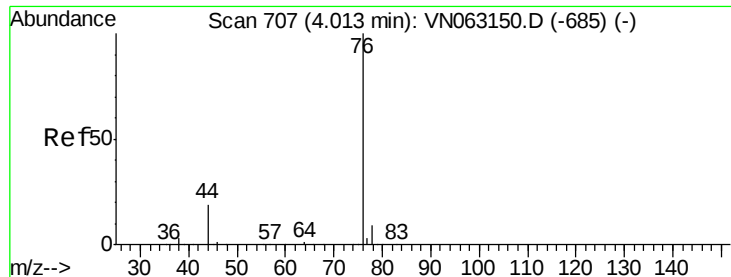
Tgt Ion: 43 Resp: 507522

Ion Ratio Lower Upper

43 100

58 29.2 23.1 34.7





#17

Carbon Disulfide

Concen: 47.784 ug/l

RT: 4.01 min Scan# 707

Delta R.T. 0.00 min

Lab File: VN063153.D

Acq: 31 Aug 2020 15:46

Instrument :

MSVOA_N

ClientSampleId :

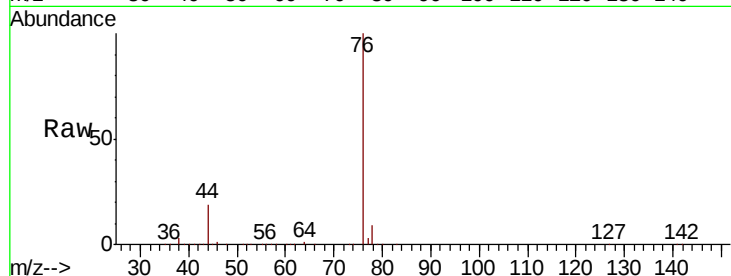
ICVVN083120

Tot Ion: 76 Resp: 699757

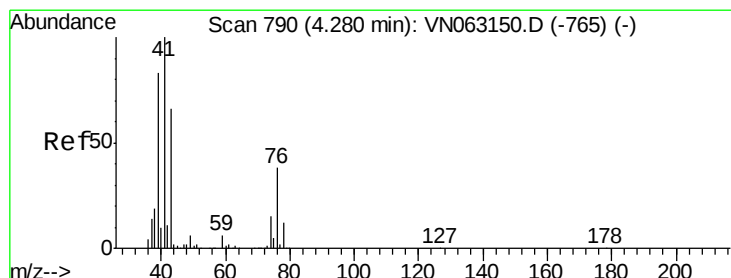
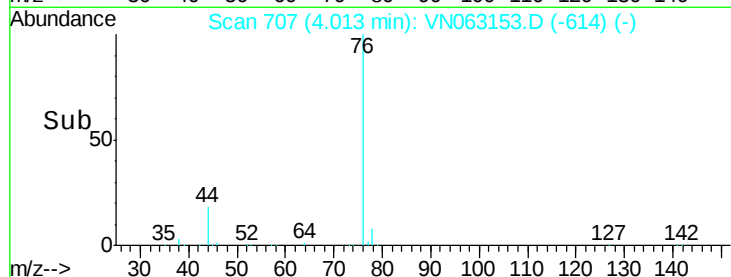
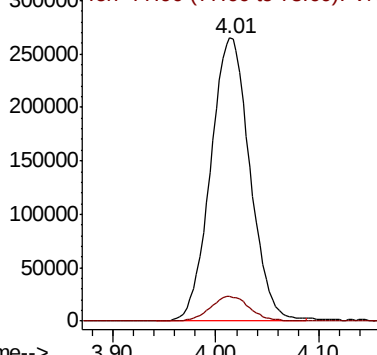
Ion Ratio Lower Upper

76 100

78 8.8 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VNO
Ion 77.90 (77.60 to 78.60): VNO



#18

Methyl Acetate

Concen: 50.253 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063153.D

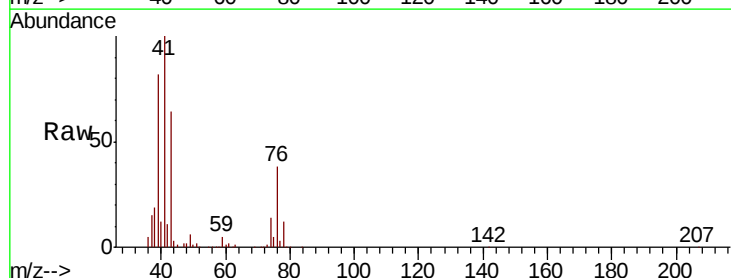
Acq: 31 Aug 2020 15:46

Tgt Ion: 43 Resp: 268507

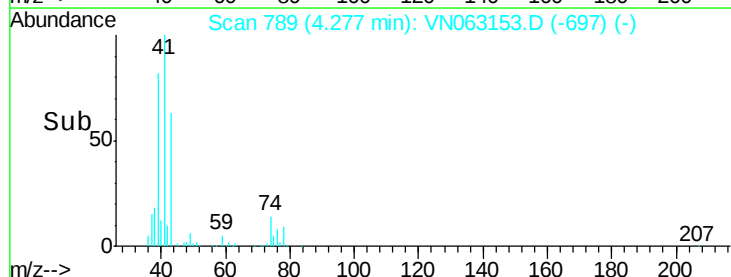
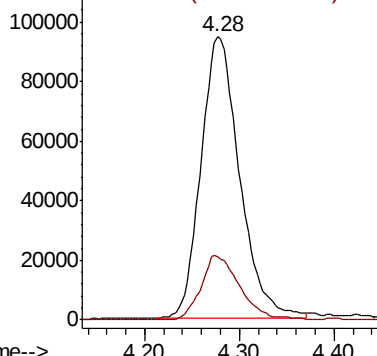
Ion Ratio Lower Upper

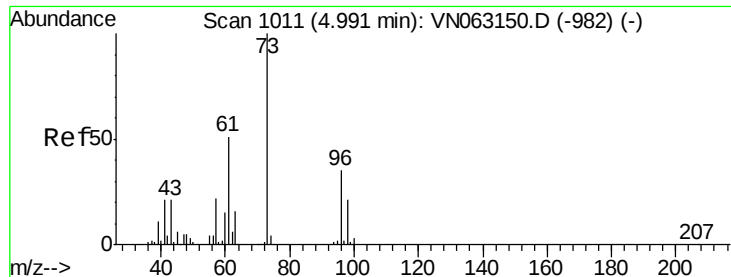
43 100

74 23.1 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 74.00 (73.70 to 74.70): VNO

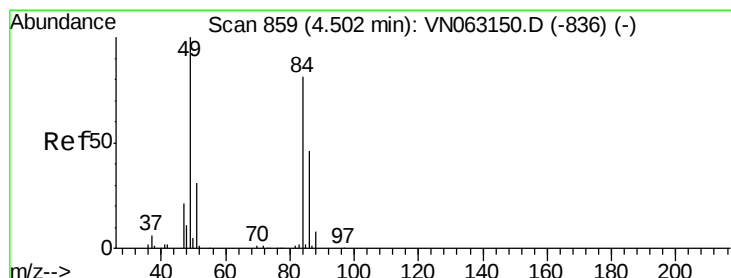
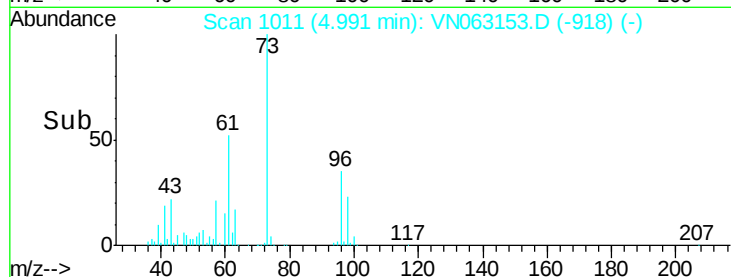
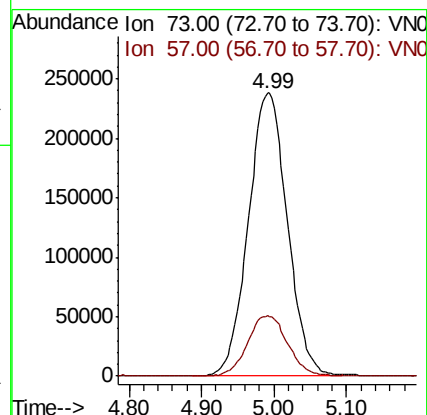
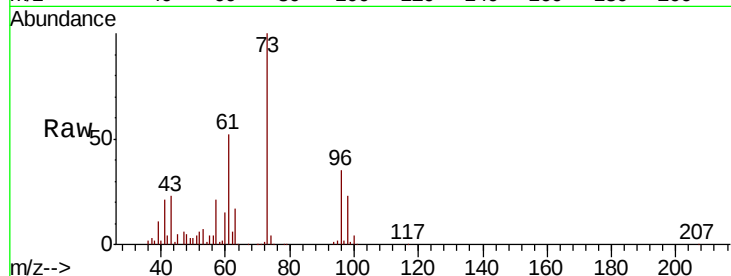




#19
Methvl tert-butvl Ether
Concen: 48.803 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063153.D
Acq: 31 Aug 2020 15:46

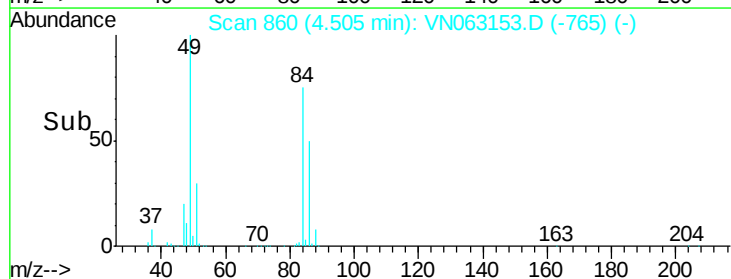
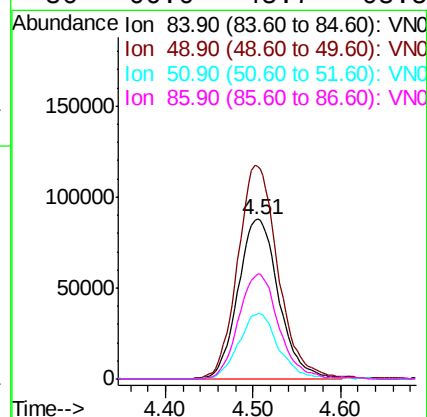
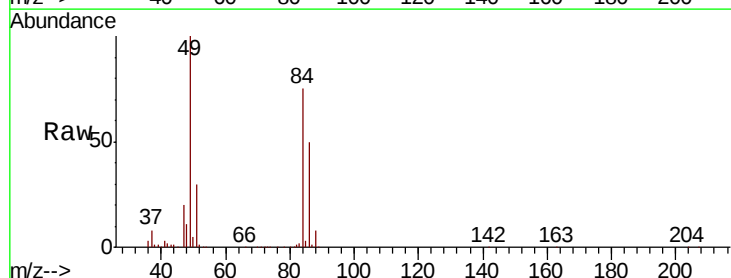
Instrument :
MSVOA_N
ClientSampled :
ICVVN083120

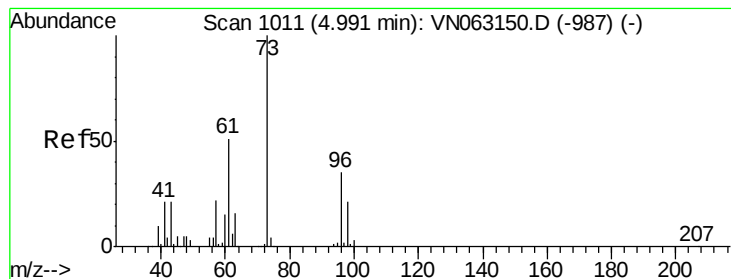
Tot Ion: 73 Resp: 890744
Ion Ratio Lower Upper
73 100
57 21.2 17.6 26.4



#20
Methylene Chloride
Concen: 48.407 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063153.D
Acq: 31 Aug 2020 15:46

Tgt Ion: 84 Resp: 283737
Ion Ratio Lower Upper
84 100
49 132.9 98.4 147.6
51 40.5 30.4 45.6
86 66.0 45.7 68.5



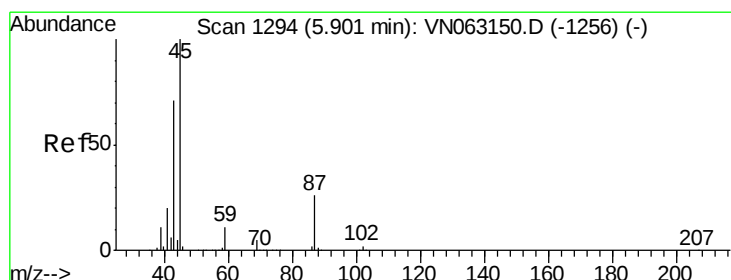
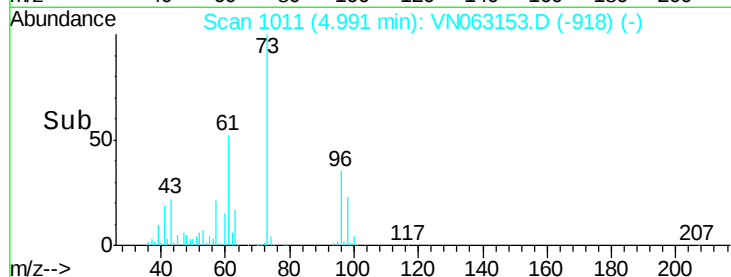
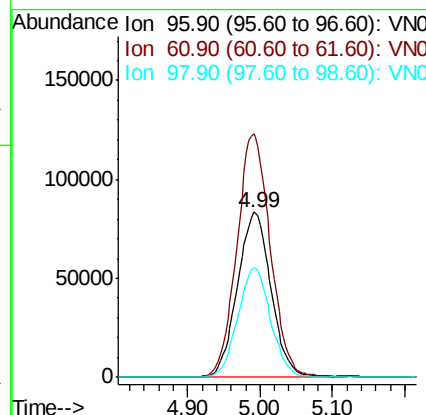
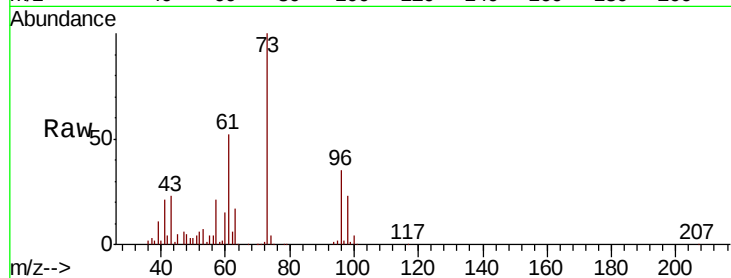


#21

trans-1,2-Dichloroethene
Concen: 49.540 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063153.D
Acq: 31 Aug 2020 15:46

Instrument :
MSVOA_N
ClientSampleId :
ICVVN083120

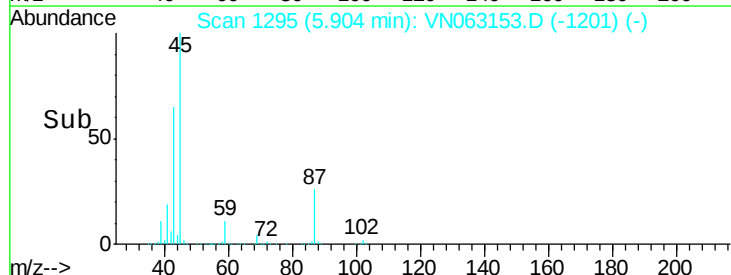
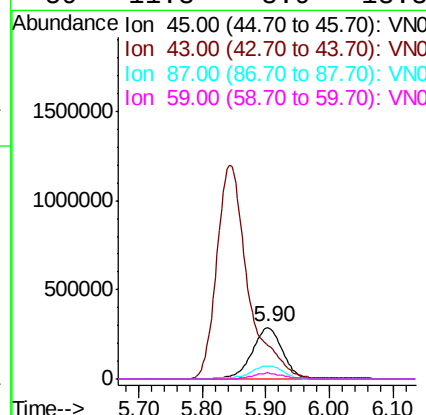
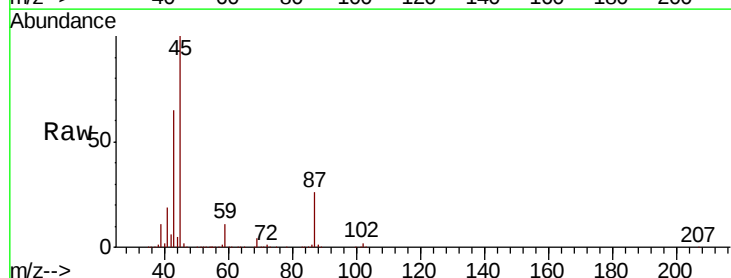
Tot Ion: 96 Resp: 269285
Ion Ratio Lower Upper
96 100
61 147.6 116.2 174.4
98 66.3 48.0 72.0

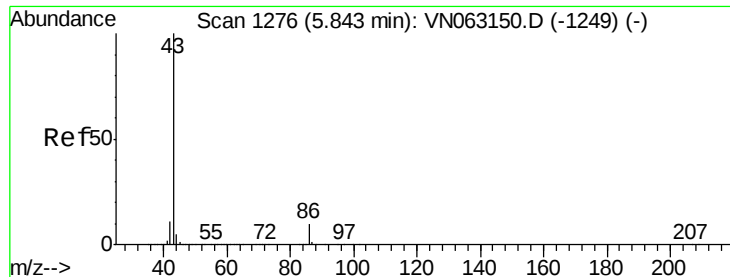


#22

Diisopropyl ether
Concen: 49.192 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VN063153.D
Acq: 31 Aug 2020 15:46

Tgt Ion: 45 Resp: 963231
Ion Ratio Lower Upper
45 100
43 63.4 56.8 85.2
87 25.7 21.1 31.7
59 11.3 8.9 13.3





#23

Vinyl Acetate

Concen: 262.382 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. 0.00 min

Lab File: VN063153.D

Acq: 31 Aug 2020 15:46

Instrument :

MSVOA_N

ClientSampled :

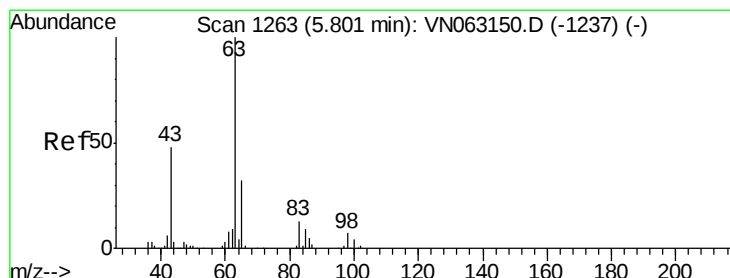
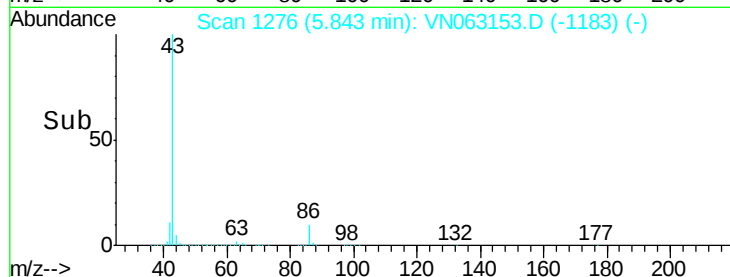
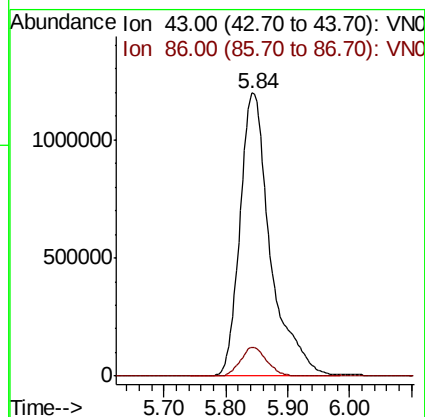
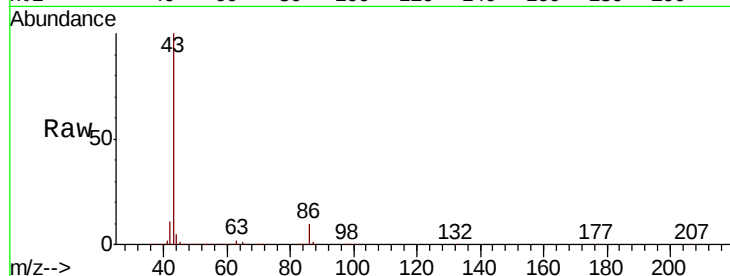
ICV083120

Tot Ion: 43 Resp: 4099470

Ion Ratio Lower Upper

43 100

86 10.2 8.3 12.5



#24

1,1-Dichloroethane

Concen: 48.356 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. -0.00 min

Lab File: VN063153.D

Acq: 31 Aug 2020 15:46

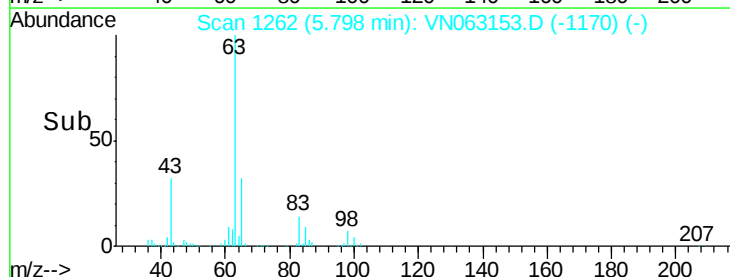
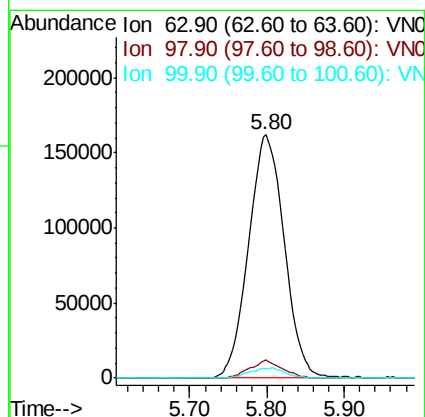
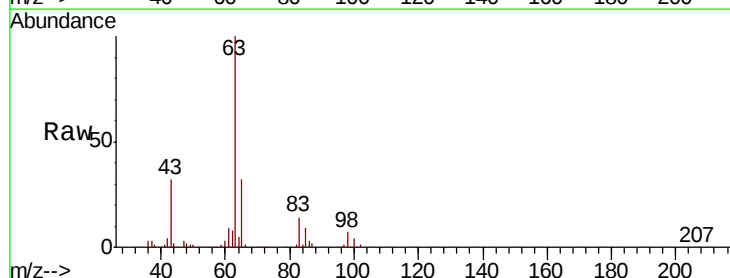
Tgt Ion: 63 Resp: 521991

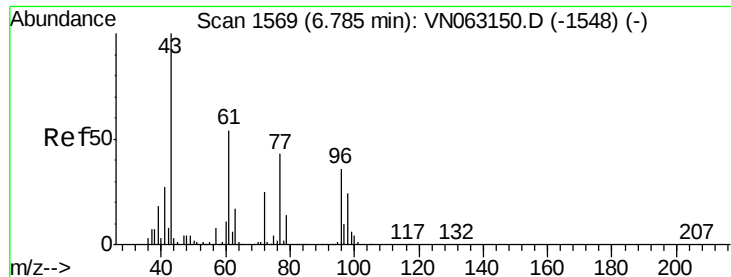
Ion Ratio Lower Upper

63 100

98 7.4 3.4 10.1

100 3.8 2.3 6.8

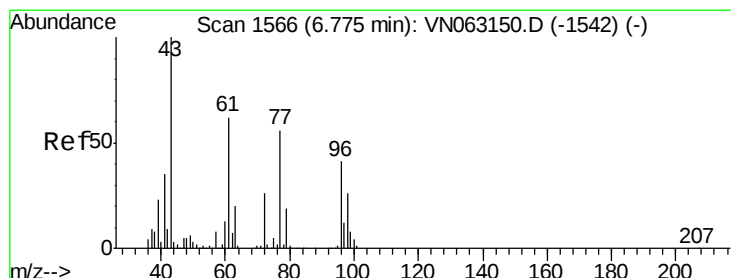
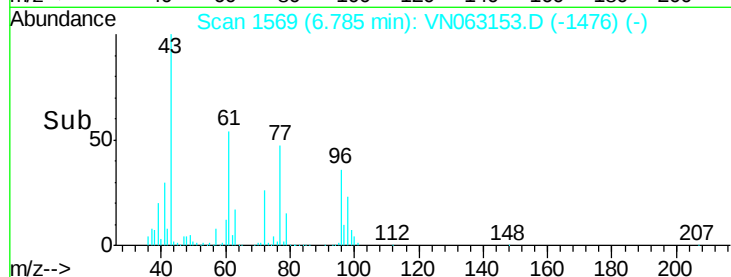
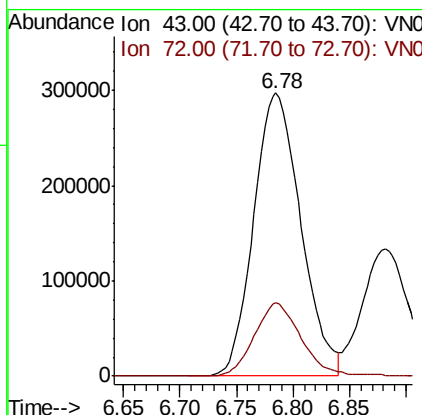
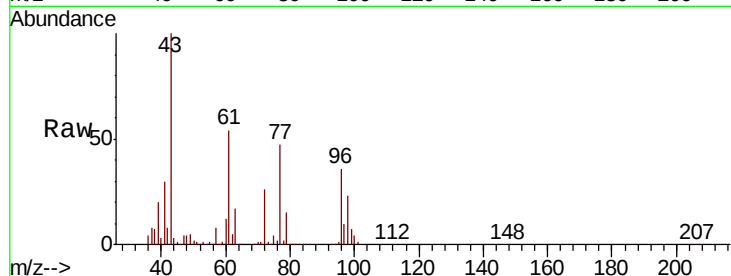




#25
2-Butanone
Concen: 265.351 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. 0.00 min
Lab File: VN063153.D
Acq: 31 Aug 2020 15:46

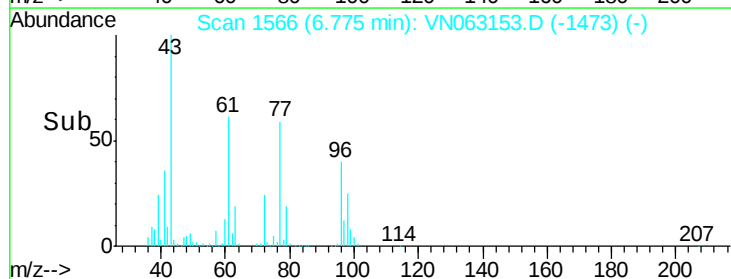
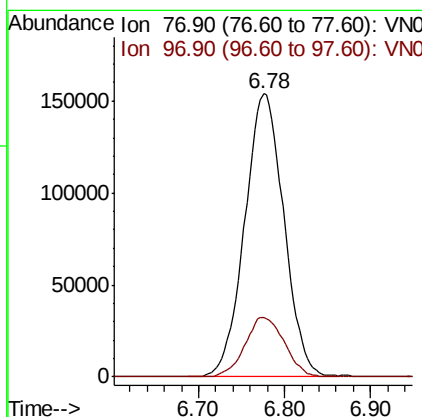
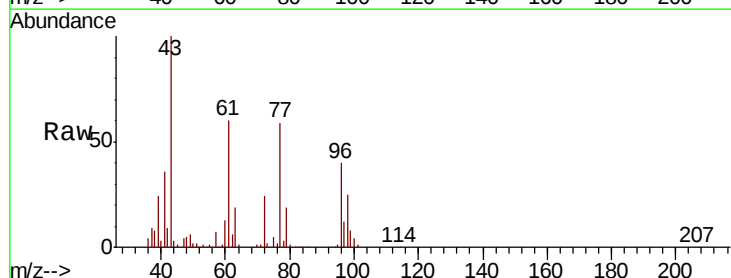
Instrument :
MSVOA_N
ClientSampleId :
ICVVN083120

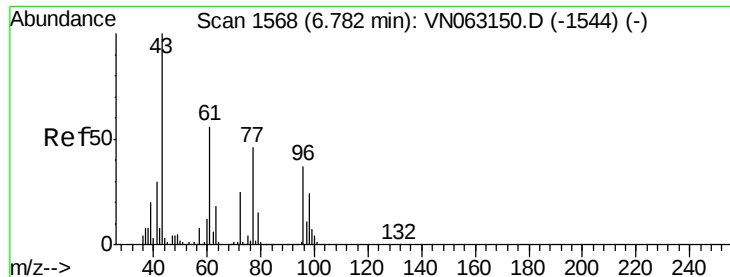
Tot Ion: 43 Resp: 856202
Ion Ratio Lower Upper
43 100
72 26.2 20.2 30.4



#26
2,2-Dichloropropane
Concen: 49.903 ug/l
RT: 6.78 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VN063153.D
Acq: 31 Aug 2020 15:46

Tgt Ion: 77 Resp: 488060
Ion Ratio Lower Upper
77 100
97 21.2 10.7 31.9





#27

cis-1,2-Dichloroethene

Concen: 47.714 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

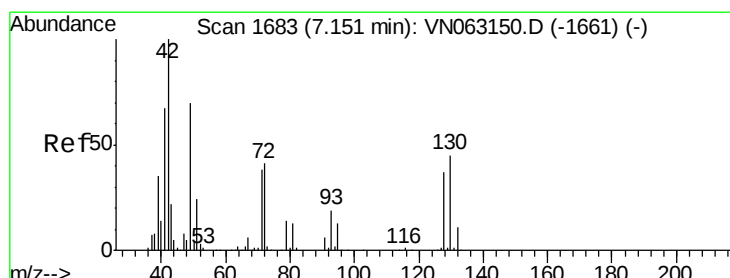
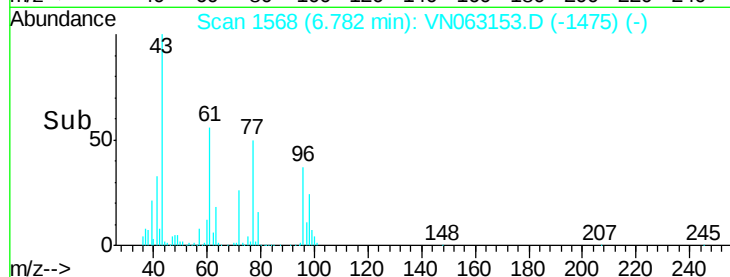
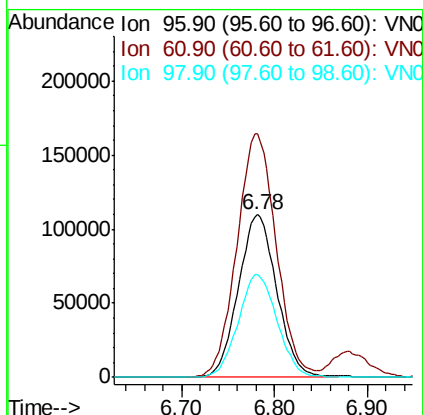
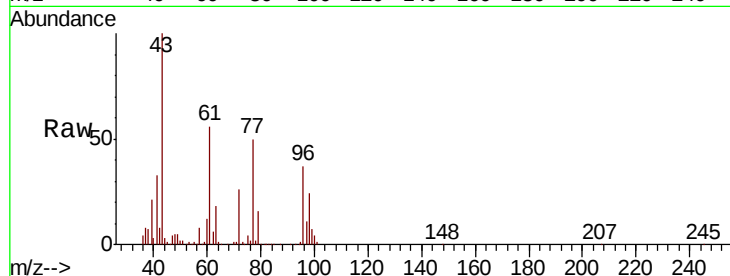
Lab File: VN063153.D

Acq: 31 Aug 2020 15:46

Instrument :
MSVOA_N
ClientSampleId :
ICVVN083120

Tot Ion: 96 Resp: 315248

Ion	Ratio	Lower	Upper
96	100		
61	153.4	0.0	303.2
98	64.1	0.0	129.0



#28

Bromochloromethane

Concen: 45.707 ug/l

RT: 7.15 min Scan# 1683

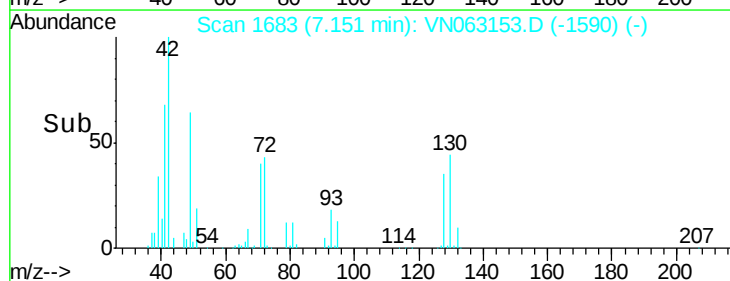
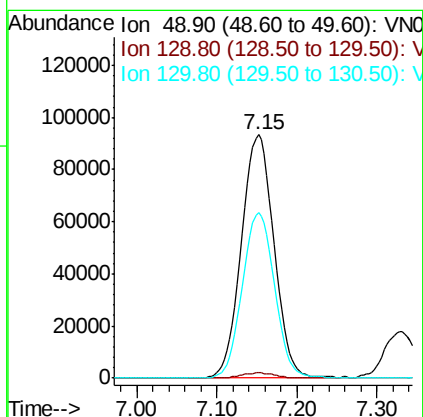
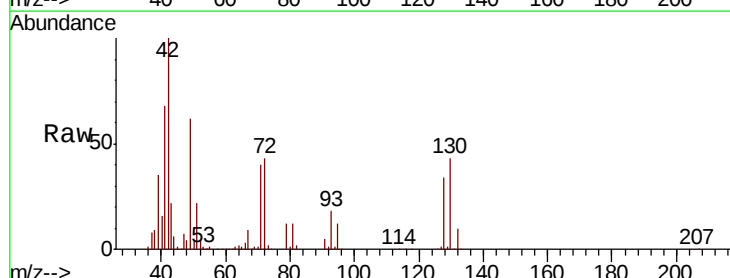
Delta R.T. 0.00 min

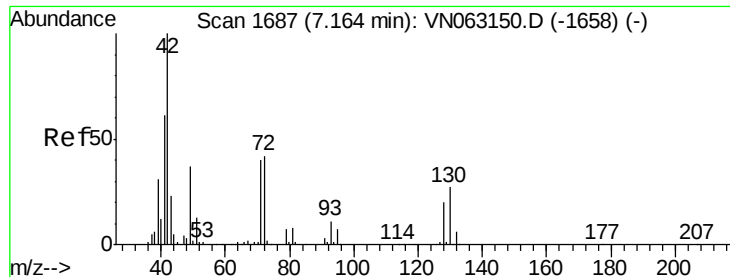
Lab File: VN063153.D

Acq: 31 Aug 2020 15:46

Tgt Ion: 49 Resp: 257769

Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.0
130	67.2	54.4	81.6

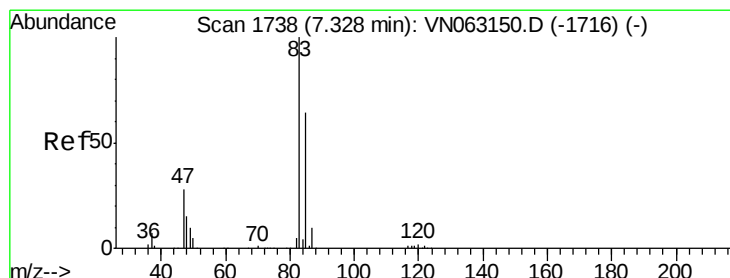
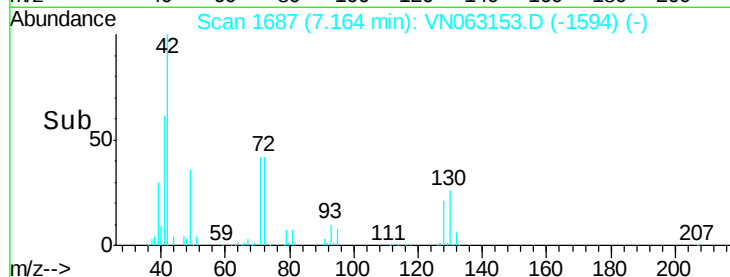
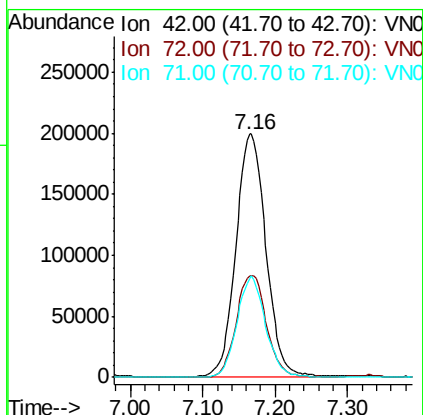
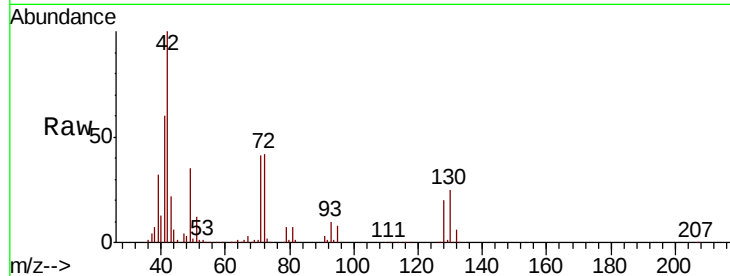




#29
Tetrahydrofuran
Concen: 256.869 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN063153.D
Acq: 31 Aug 2020 15:46

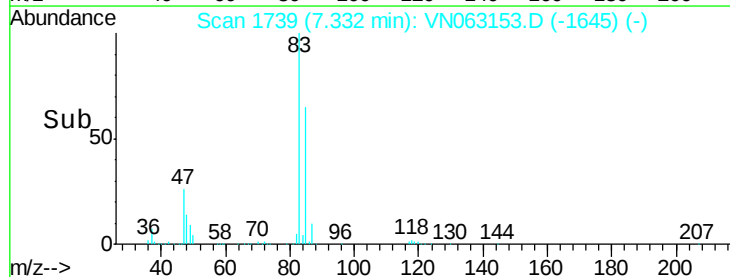
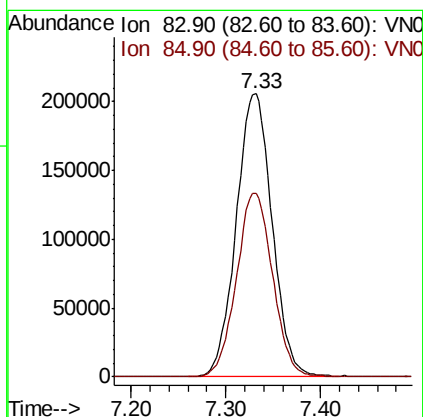
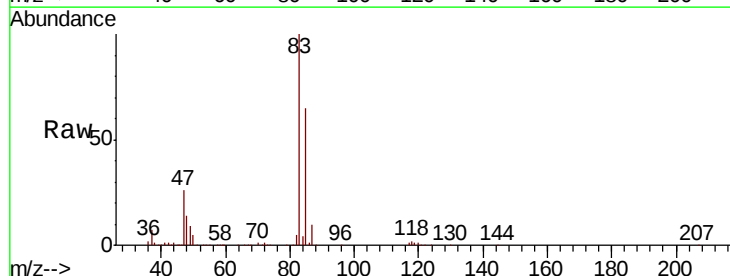
Instrument :
MSVOA_N
ClientSampled :
ICVVN083120

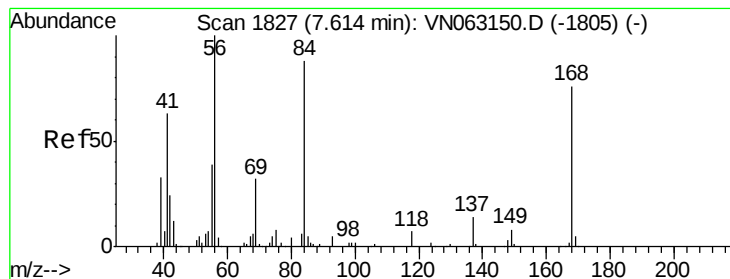
Tot Ion: 42 Resp: 573100
Ion Ratio Lower Upper
42 100
72 42.0 33.9 50.9
71 39.8 31.9 47.9



#30
Chloroform
Concen: 48.134 ug/l
RT: 7.33 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VN063153.D
Acq: 31 Aug 2020 15:46

Tgt Ion: 83 Resp: 543606
Ion Ratio Lower Upper
83 100
85 64.8 51.0 76.6





#31

Cyclohexane

Concen: 48.567 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN063153.D

Acq: 31 Aug 2020 15:46

Instrument :

MSVOA_N

ClientSampleId :

ICVVN083120

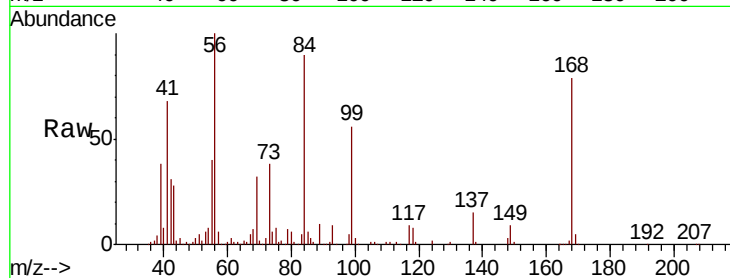
Tot Ion: 56 Resp: 462475

Ion Ratio Lower Upper

56 100

69 32.1 25.4 38.0

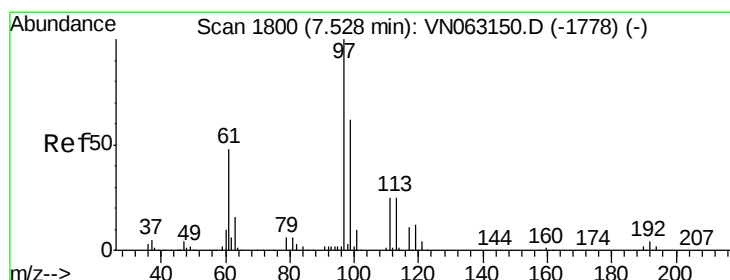
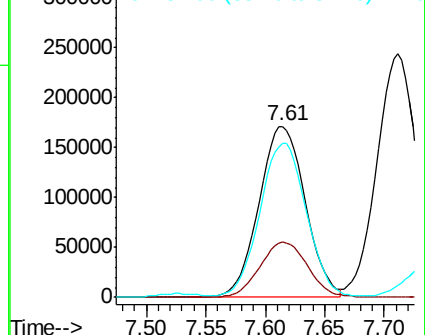
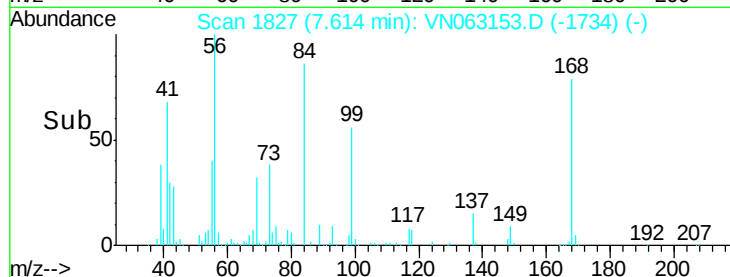
84 88.1 70.2 105.4



Abundance Ion 56.00 (55.70 to 56.70): VN063153.D (-1734) (-)

Ion 69.00 (68.70 to 69.70): VN063153.D (-1734) (-)

Ion 84.00 (83.70 to 84.70): VN063153.D (-1734) (-)



#32

1,1,1-Trichloroethane

Concen: 49.198 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN063153.D

Acq: 31 Aug 2020 15:46

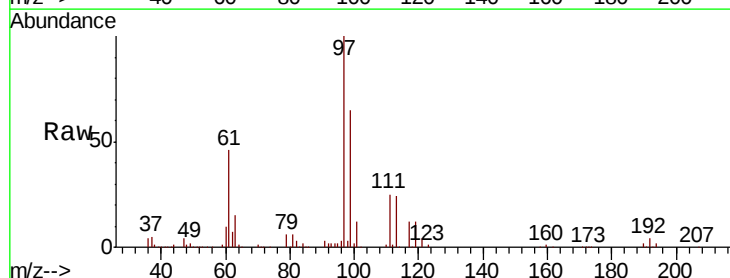
Tgt Ion: 97 Resp: 478790

Ion Ratio Lower Upper

97 100

99 64.4 50.8 76.2

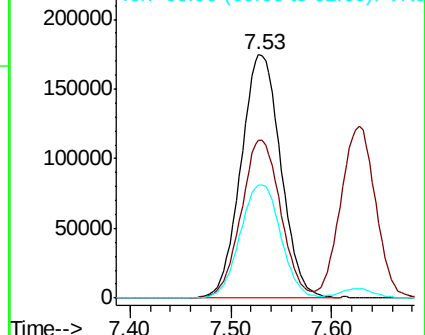
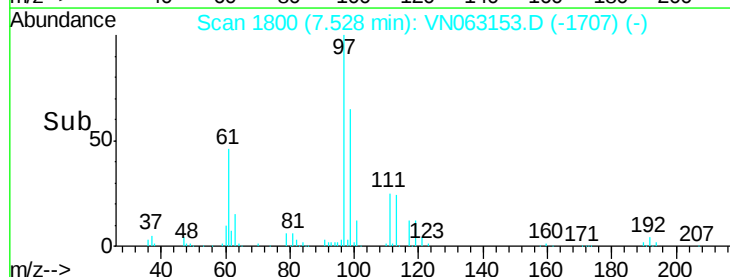
61 47.5 37.4 56.2

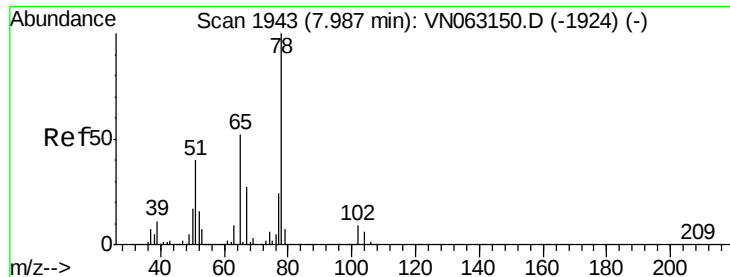


Abundance Ion 96.90 (96.60 to 97.60): VN063153.D (-1707) (-)

Ion 98.90 (98.60 to 99.60): VN063153.D (-1707) (-)

Ion 60.90 (60.60 to 61.60): VN063153.D (-1707) (-)





#33

1,2-Dichloroethane-d4

Concen: 47.354 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN063153.D

Acq: 31 Aug 2020 15:46

Instrument :

MSVOA_N

ClientSampleId :

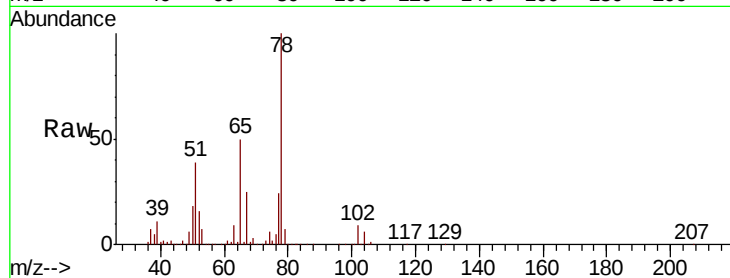
ICVVN083120

Tot Ion: 65 Resp: 347135

Ion Ratio Lower Upper

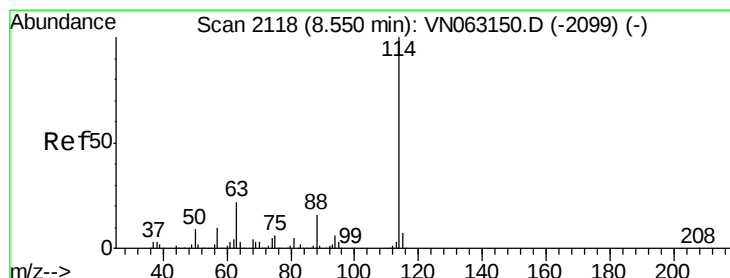
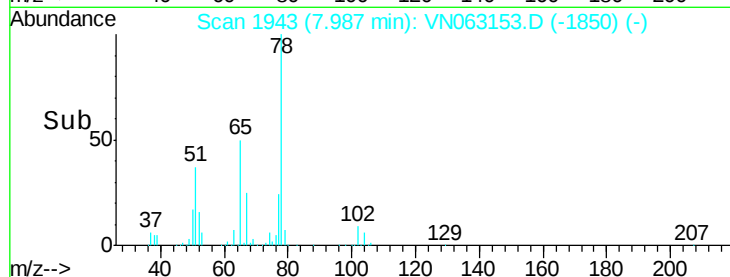
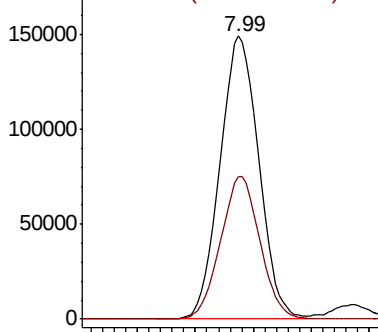
65 100

67 51.2 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN063153.D

Acq: 31 Aug 2020 15:46

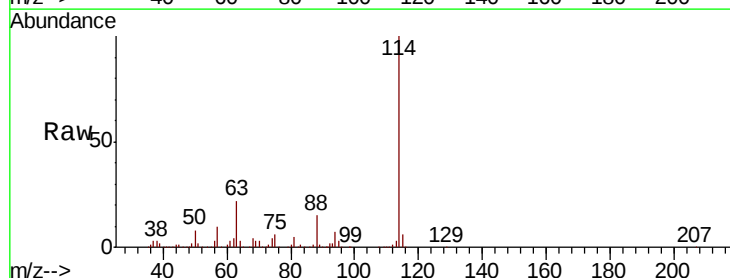
Tgt Ion: 114 Resp: 847619

Ion Ratio Lower Upper

114 100

63 21.6 0.0 43.0

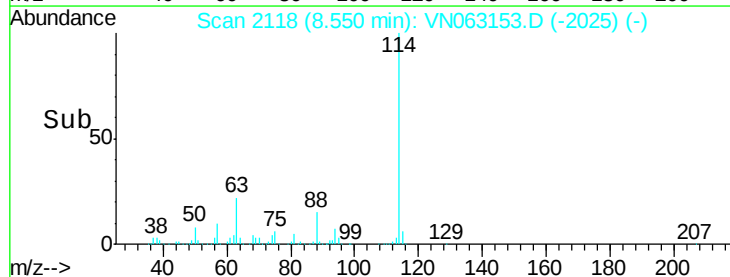
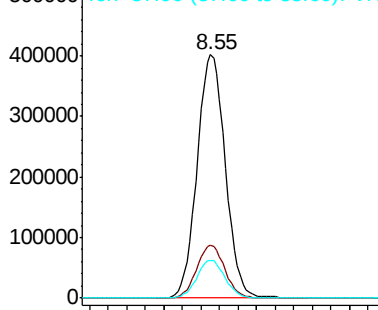
88 15.5 0.0 31.6

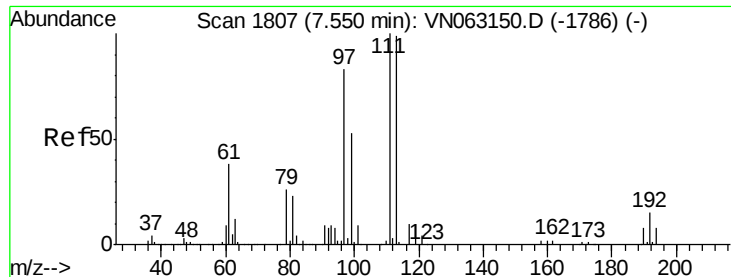


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

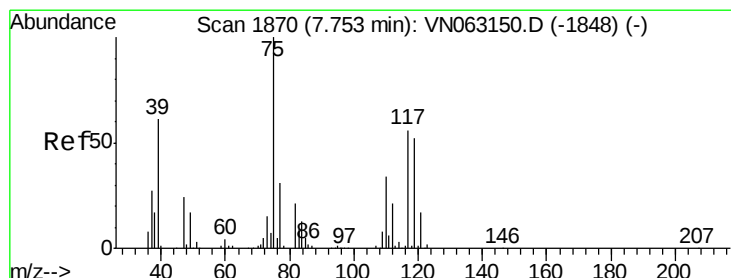
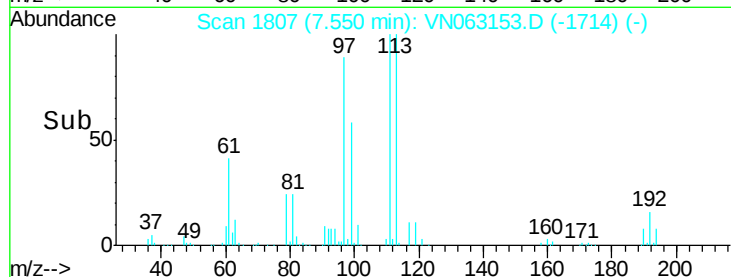
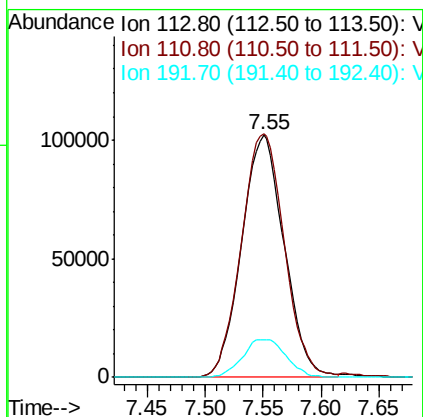
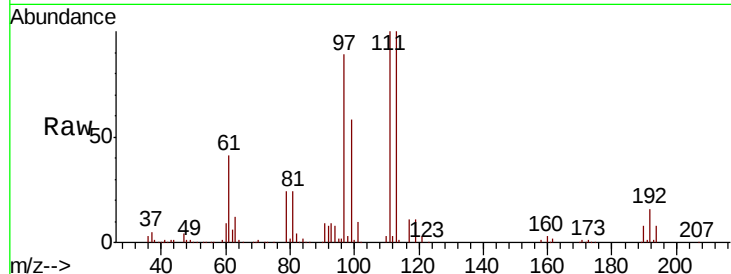




#35
 Dibromofluoromethane
 Concen: 47.813 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063153.D
 Acq: 31 Aug 2020 15:46

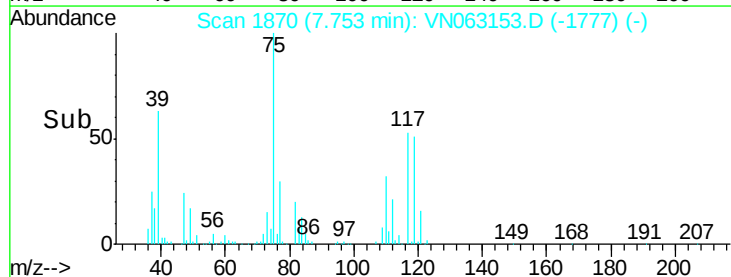
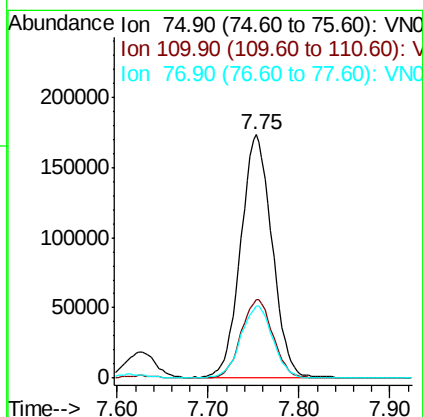
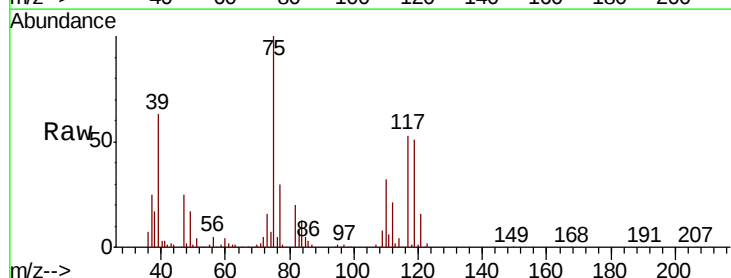
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN083120

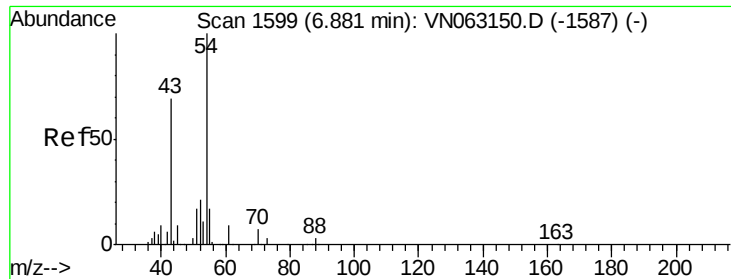
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	80.7	121.1
192	16.2	12.6	19.0



#36
 1,1-Dichloropropene
 Concen: 50.731 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN063153.D
 Acq: 31 Aug 2020 15:46

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.0	16.6	49.8
77	30.6	25.4	38.2

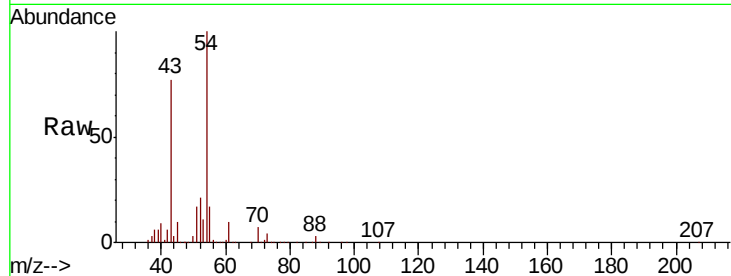




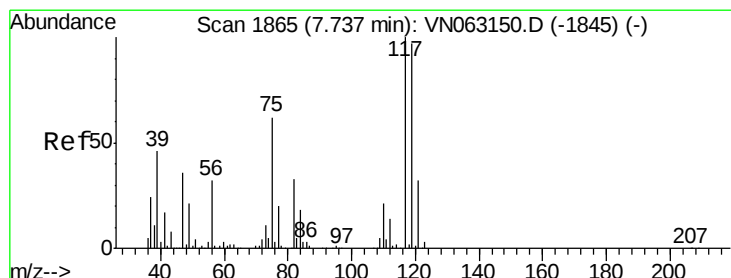
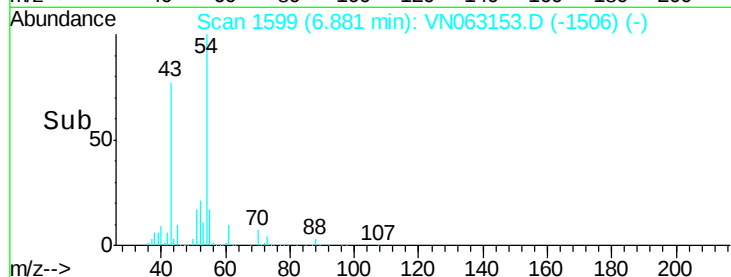
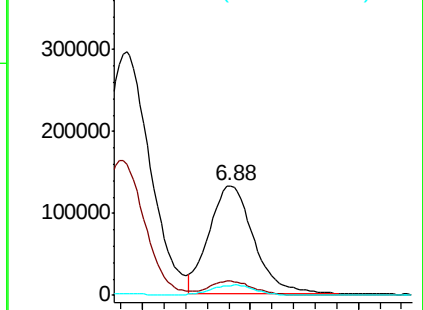
#37
 Ethyl Acetate
 Concen: 49.627 ug/l
 RT: 6.88 min Scan# 1599
 Delta R.T. 0.00 min
 Lab File: VN063153.D
 Acq: 31 Aug 2020 15:46

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN083120

Tot Ion: 43 Resp: 381829
 Ion Ratio Lower Upper
 43 100
 61 12.3 10.2 15.4
 70 9.0 3.0 4.6#

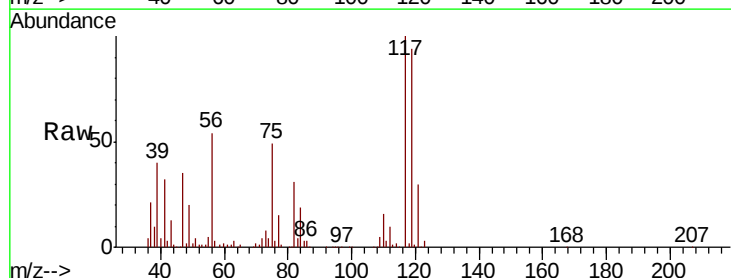


Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 70.00 (69.70 to 70.70): VN0

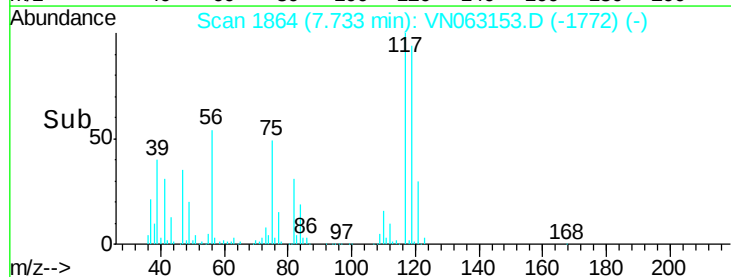
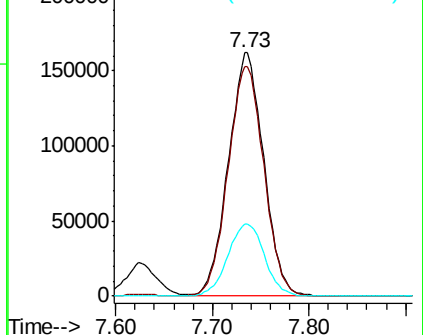


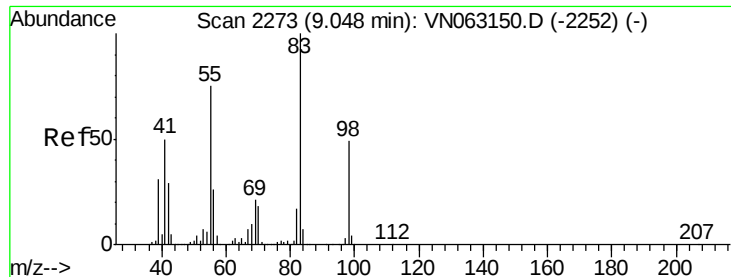
#38
 Carbon Tetrachloride
 Concen: 49.442 ug/l
 RT: 7.73 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VN063153.D
 Acq: 31 Aug 2020 15:46

Tgt Ion: 117 Resp: 408580
 Ion Ratio Lower Upper
 117 100
 119 94.4 77.2 115.8
 121 29.7 25.6 38.4



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

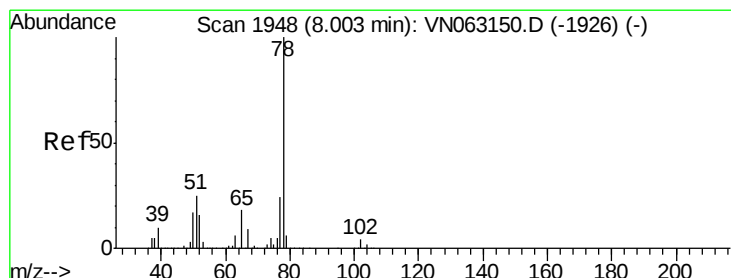
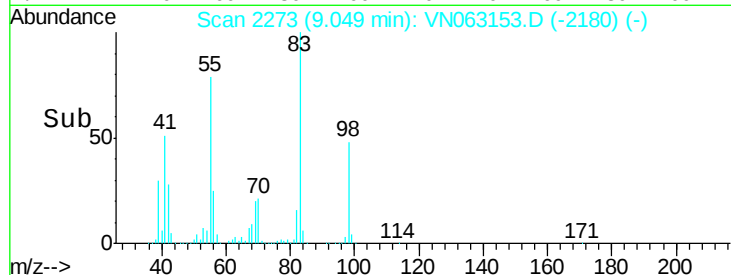
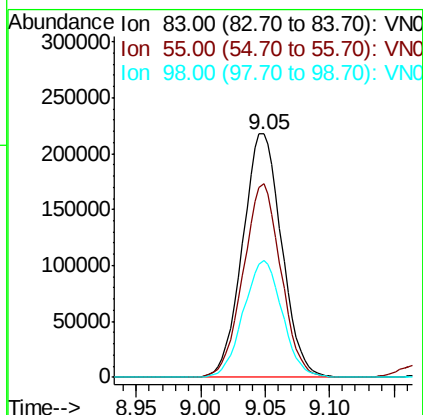
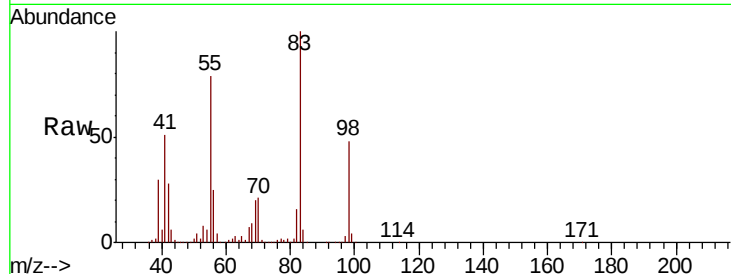




#39
Methvlcvclohexane
Concen: 50.240 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063153.D
Acq: 31 Aug 2020 15:46

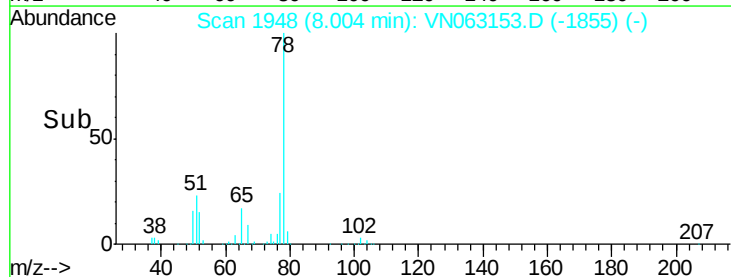
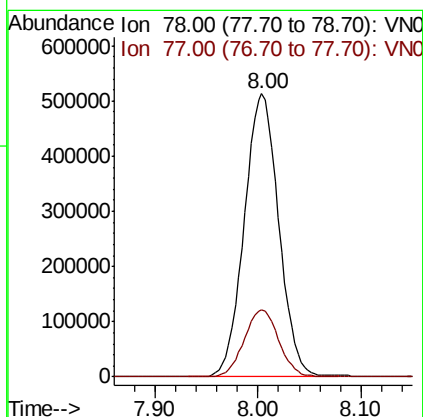
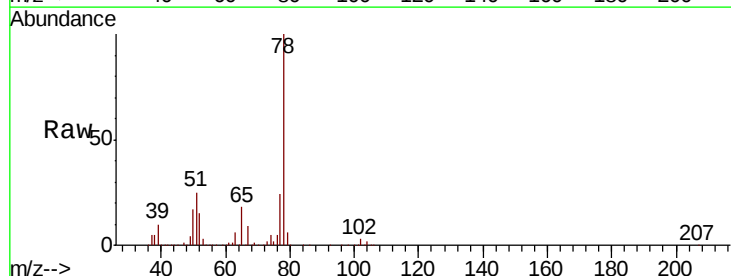
Instrument :
MSVOA_N
ClientSampleId :
ICVVN083120

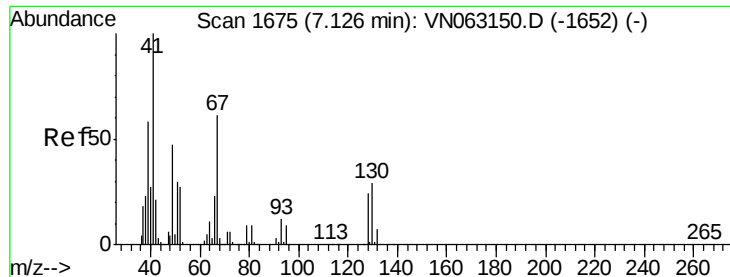
Tot Ion	83	Resp	459913
Ion	Ratio	Lower	Upper
83	100		
55	79.3	60.3	90.5
98	48.0	38.9	58.3



#40
Benzene
Concen: 49.760 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063153.D
Acq: 31 Aug 2020 15:46

Tgt Ion	78	Resp	1191538
Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.3	28.9

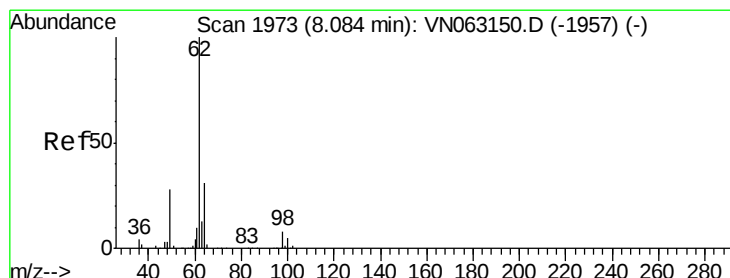
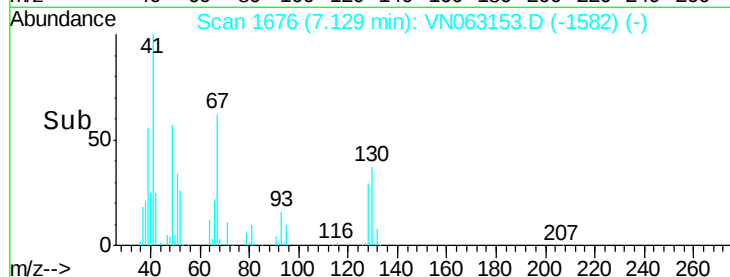
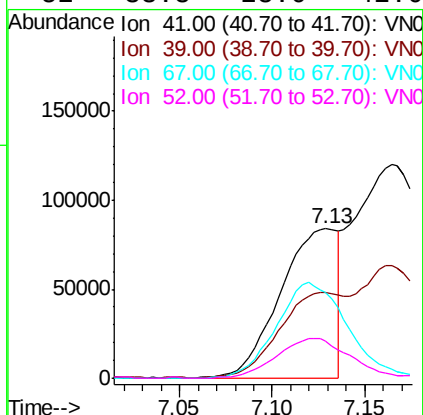
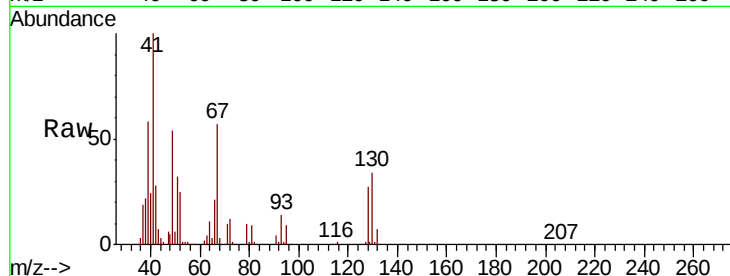




#41
Methacrylonitrile
Concen: 52.488 ug/l
RT: 7.13 min Scan# 1676
Delta R.T. 0.00 min
Lab File: VN063153.D
Acq: 31 Aug 2020 15:46

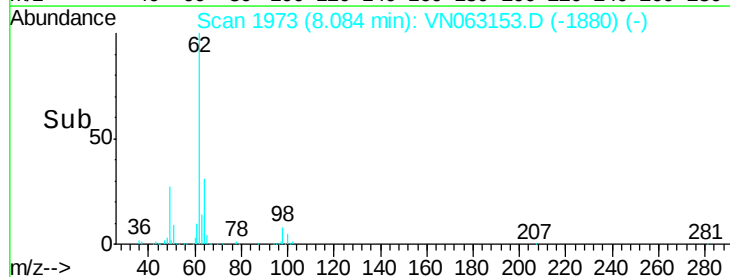
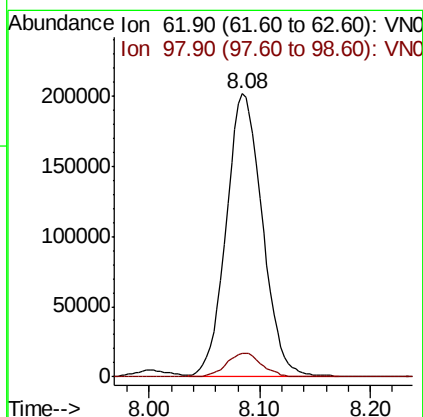
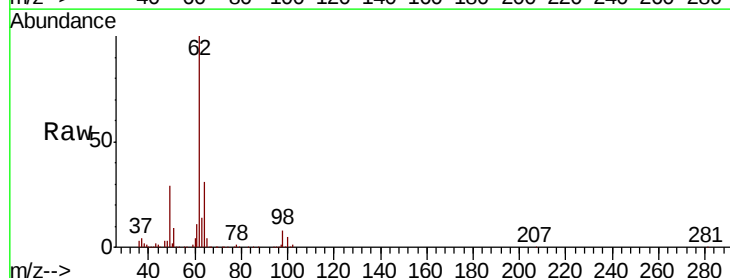
Instrument :
MSVOA_N
ClientSampleId :
ICVVN083120

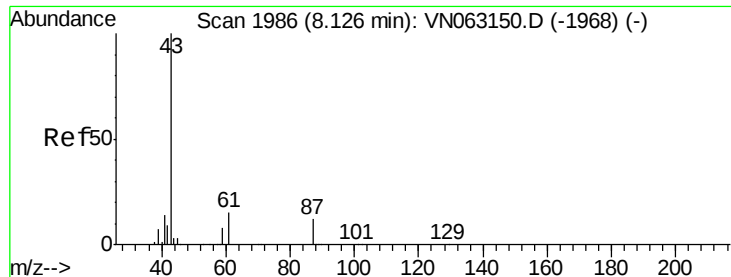
Tot Ion:	41	Resp:	180180
Ion	Ratio	Lower	Upper
41	100		
39	67.0	46.6	70.0
67	81.0	62.6	94.0
52	33.8	28.0	42.0



#42
1,2-Dichloroethane
Concen: 50.961 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN063153.D
Acq: 31 Aug 2020 15:46

Tgt Ion:	62	Resp:	455835
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	17.2





#43

Isopropyl Acetate

Concen: 52.100 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN063153.D

Acq: 31 Aug 2020 15:46

Instrument :

MSVOA_N

ClientSampleId :

ICVVN083120

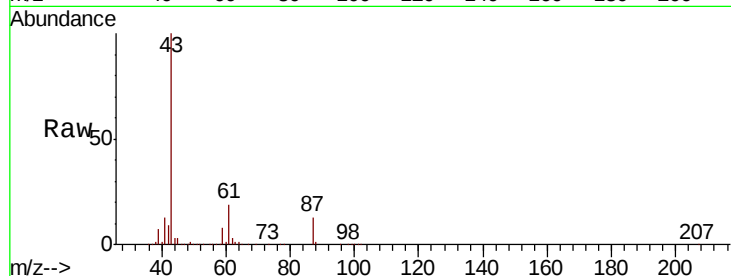
Tot Ion: 43 Resp: 692366

Ion Ratio Lower Upper

43 100

61 25.3 20.2 30.4

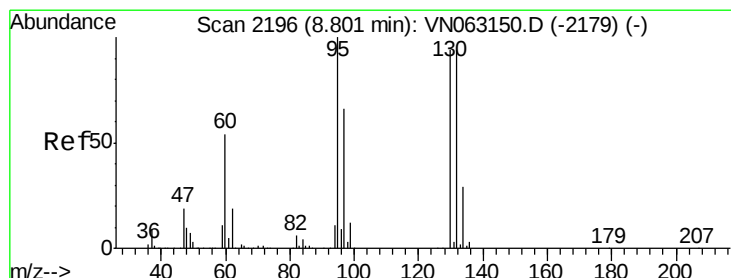
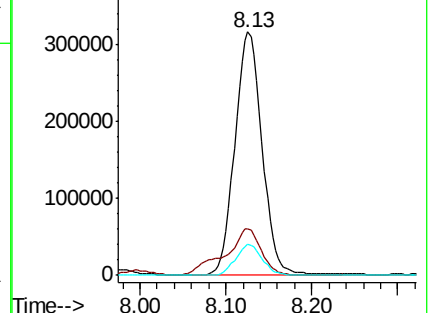
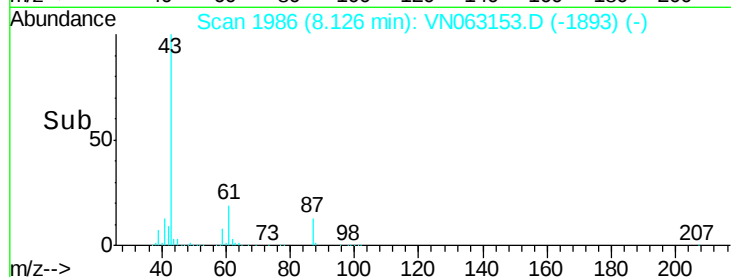
87 12.4 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VN063153.D (-1893) (-)

Ion 61.00 (60.70 to 61.70): VN063153.D (-1893) (-)

Ion 87.00 (86.70 to 87.70): VN063153.D (-1893) (-)



#44

Trichloroethene

Concen: 50.673 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN063153.D

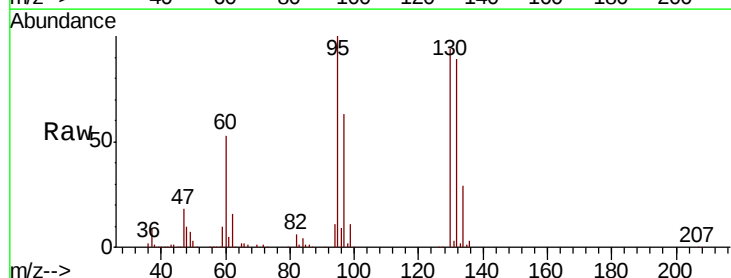
Acq: 31 Aug 2020 15:46

Tgt Ion: 130 Resp: 294319

Ion Ratio Lower Upper

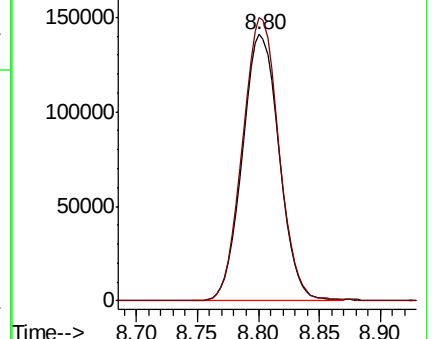
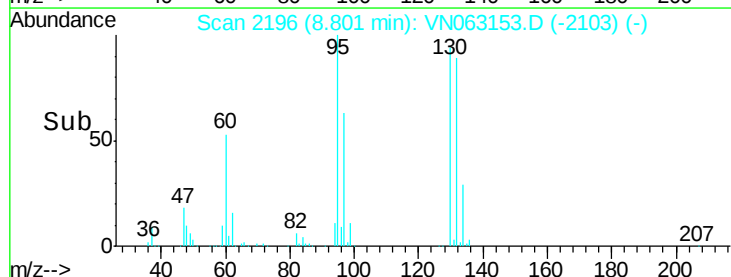
130 100

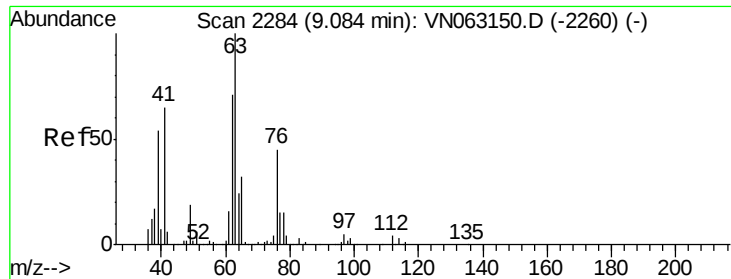
95 106.4 0.0 212.0



Abundance Ion 129.80 (129.50 to 130.50): VN063153.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN063153.D (-2103) (-)





#45

1,2-Dichloropropane

Concen: 49.464 ug/l

RT: 9.09 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN063153.D

Acq: 31 Aug 2020 15:46

Instrument :

MSVOA_N

ClientSampleId :

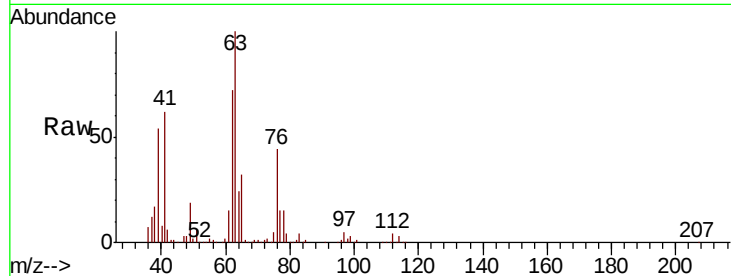
ICVFN083120

Tot Ion: 63 Resp: 313600

Ion Ratio Lower Upper

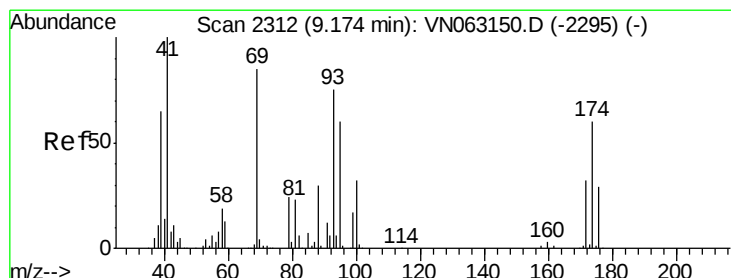
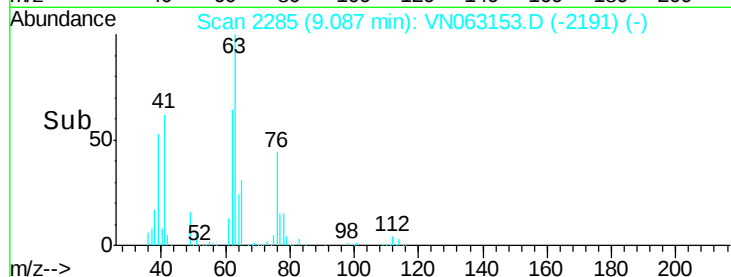
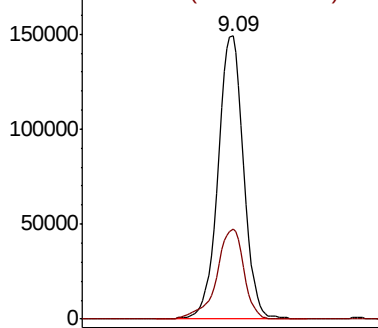
63 100

65 31.7 25.4 38.0



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 50.736 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN063153.D

Acq: 31 Aug 2020 15:46

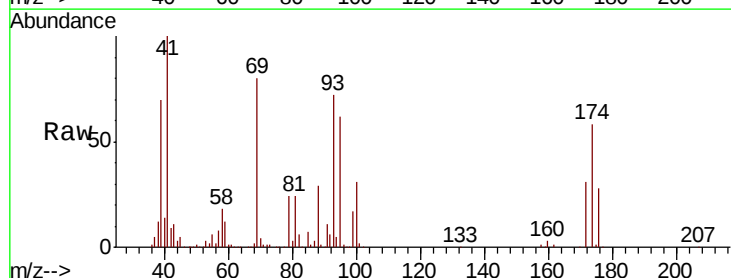
Tgt Ion: 93 Resp: 213165

Ion Ratio Lower Upper

93 100

95 82.3 65.2 97.8

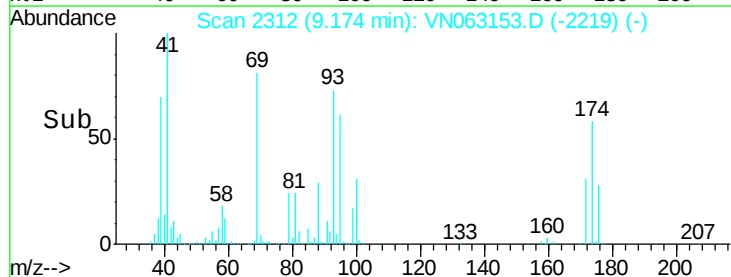
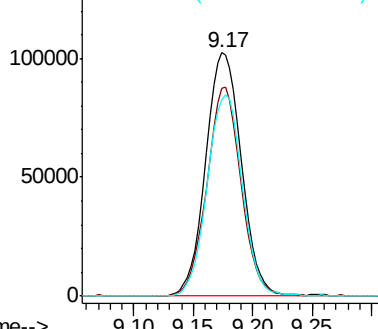
174 81.4 64.6 97.0

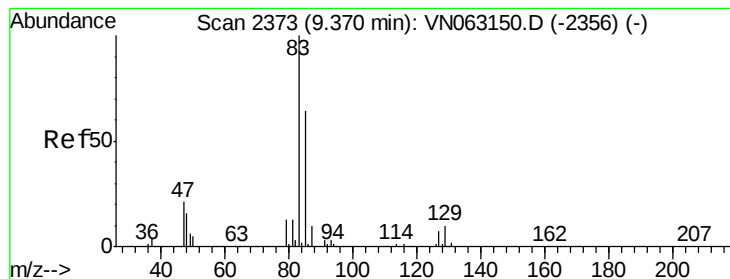


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 49.841 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN063153.D

Acq: 31 Aug 2020 15:46

Instrument :

MSVOA_N

ClientSampleId :

ICVVN083120

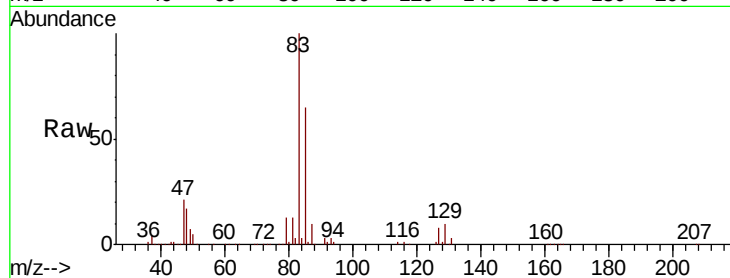
Tot Ion: 83 Resp: 448859

Ion Ratio Lower Upper

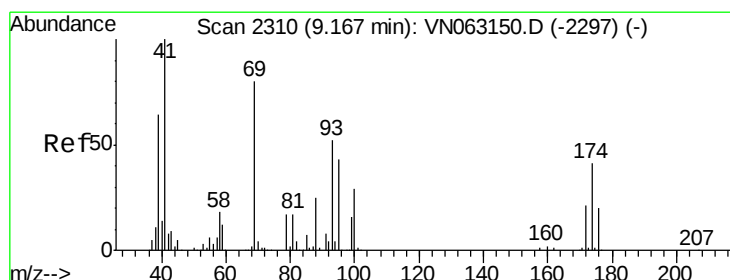
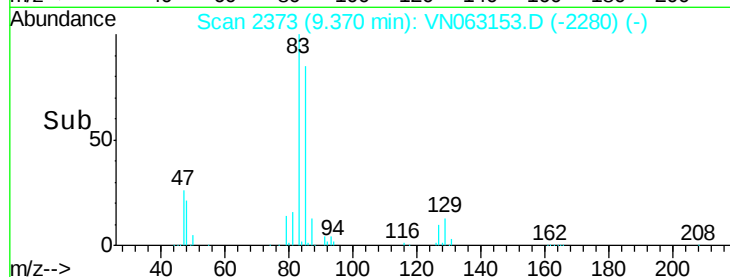
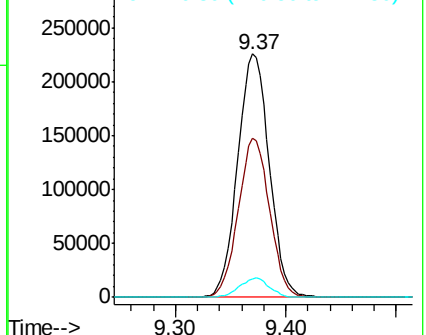
83 100

85 65.4 51.0 76.6

127 7.7 5.7 8.5



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



#48

Methyl methacrylate

Concen: 52.743 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN063153.D

Acq: 31 Aug 2020 15:46

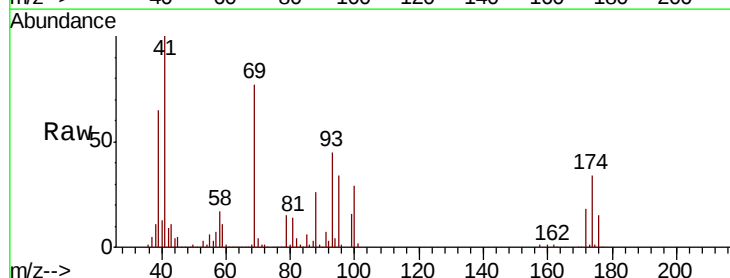
Tgt Ion: 41 Resp: 315972

Ion Ratio Lower Upper

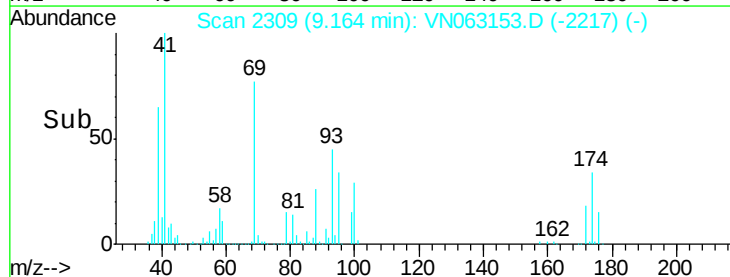
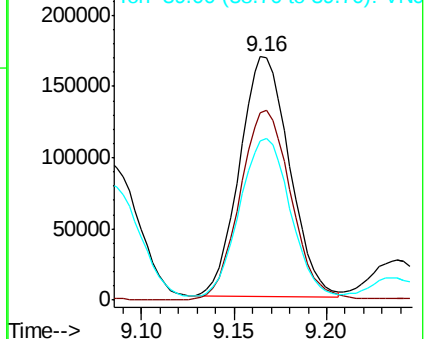
41 100

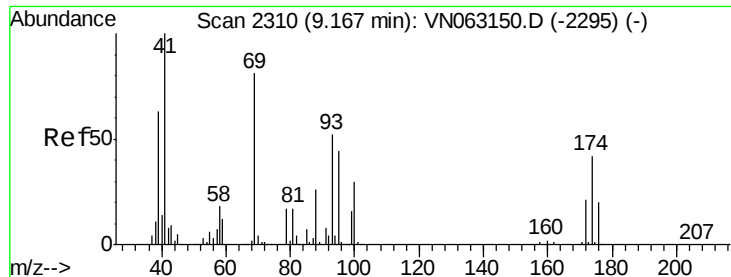
69 82.1 65.9 98.9

39 69.8 52.0 78.0



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

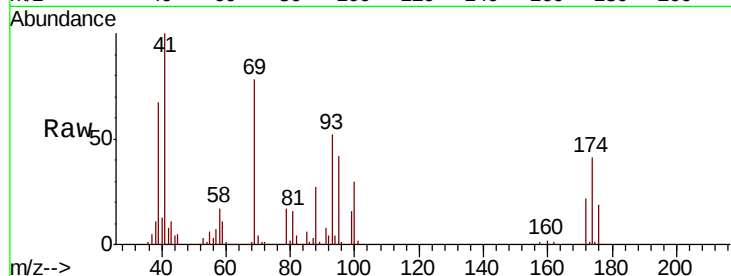




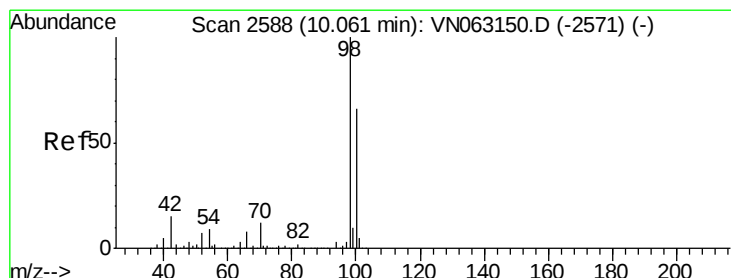
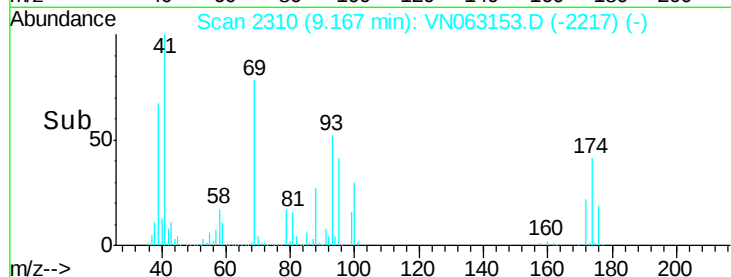
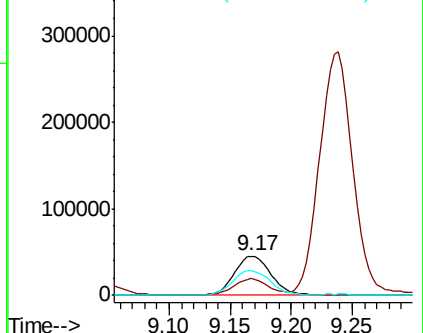
#49
1,4-Dioxane
Concen: 1018.676 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN063153.D
Acq: 31 Aug 2020 15:46

Instrument :
MSVOA_N
ClientSampleId :
ICVVN083120

Tot Ion: 88 Resp: 94390
Ion Ratio Lower Upper
88 100
43 37.1 28.6 42.8
58 65.8 53.2 79.8

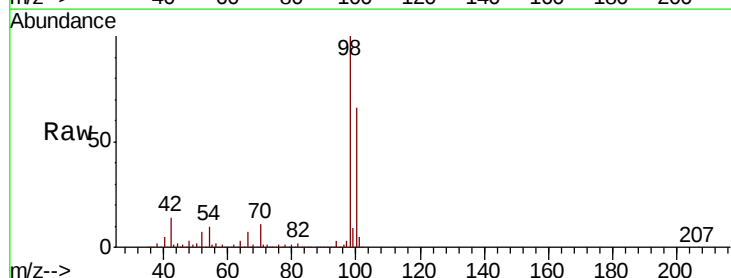


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

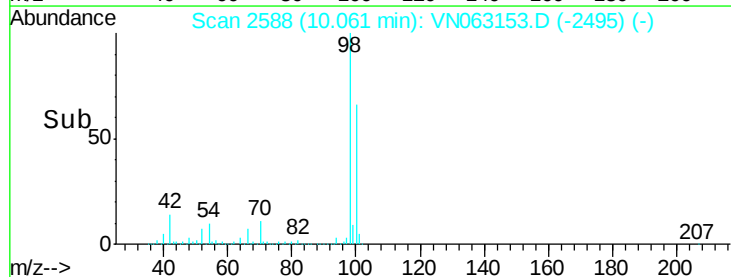
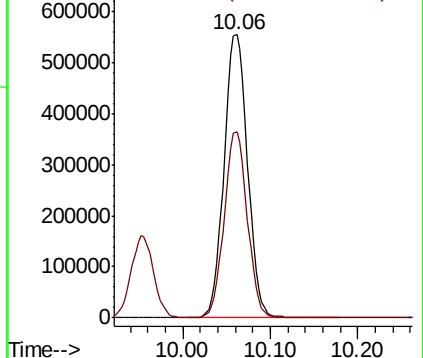


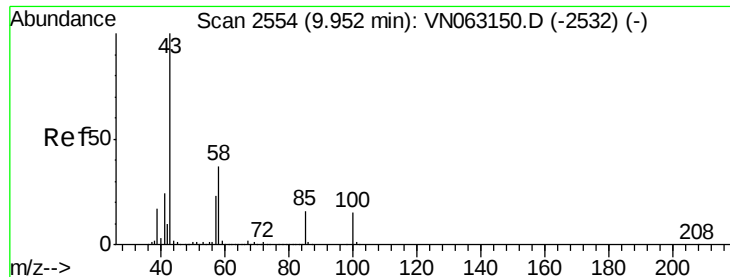
#50
Toluene-d8
Concen: 49.386 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063153.D
Acq: 31 Aug 2020 15:46

Tgt Ion: 98 Resp: 1033670
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0



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





#51

4-Methyl-2-Pentanone

Concen: 270.073 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN063153.D

Acq: 31 Aug 2020 15:46

Instrument :

MSVOA_N

ClientSampleId :

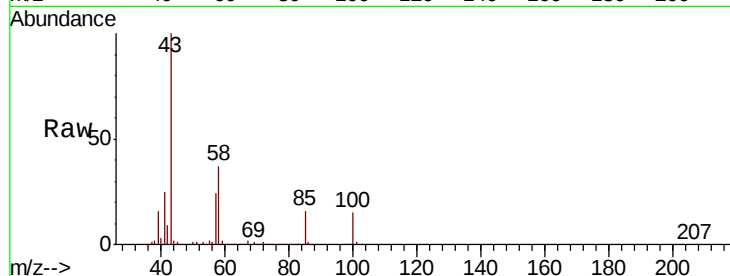
ICVVN083120

Tot Ion: 43 Resp: 1950307

Ion Ratio Lower Upper

43 100

58 37.0 29.2 43.8



Abundance Ion 43.00 (42.70 to 43.70): VN063153.D (-2532) (-)

Ion 58.00 (57.70 to 58.70): VN063153.D (-2532) (-)

1200000

1000000

800000

600000

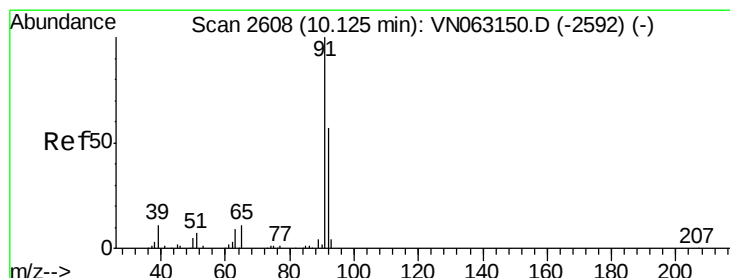
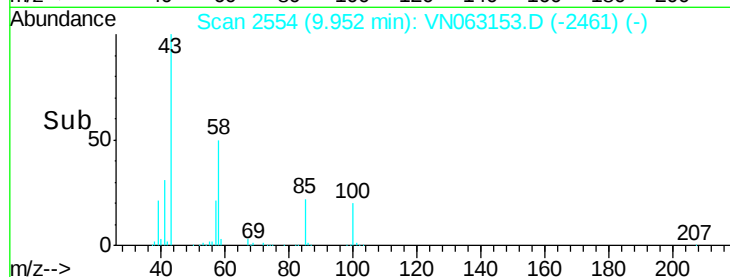
400000

200000

0

9.90 9.95 10.00

Time-->



#52

Toluene

Concen: 51.187 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063153.D

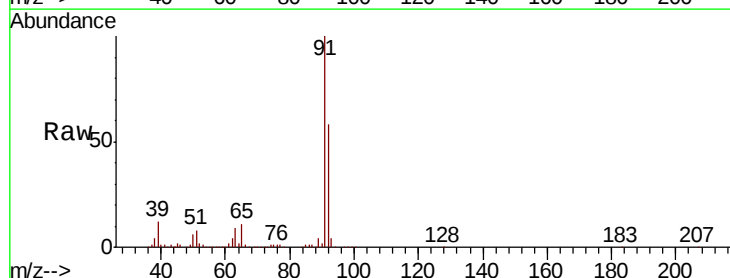
Acq: 31 Aug 2020 15:46

Tgt Ion: 92 Resp: 763533

Ion Ratio Lower Upper

92 100

91 173.4 141.2 211.8



Abundance Ion 92.00 (91.70 to 92.70): VN063153.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN063153.D (-2592) (-)

800000

600000

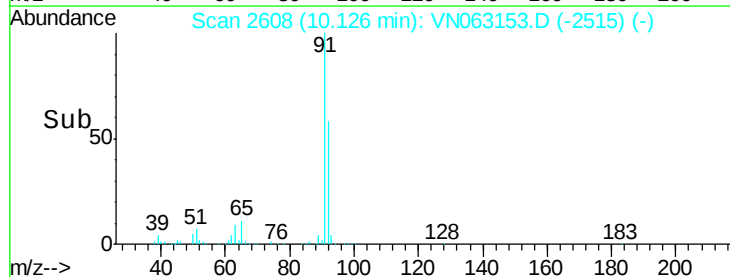
400000

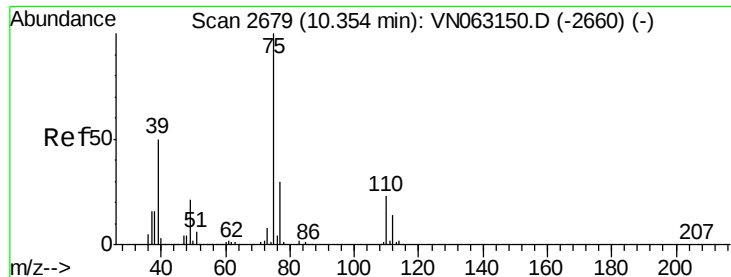
200000

0

10.10 10.13 10.20

Time-->





#53

t-1,3-Dichloropropene

Concen: 52.202 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN063153.D

Acq: 31 Aug 2020 15:46

Instrument :

MSVOA_N

ClientSampleId :

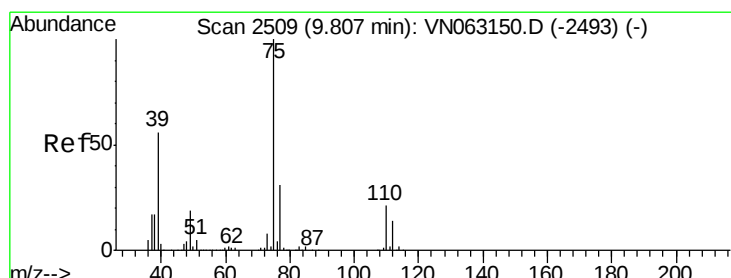
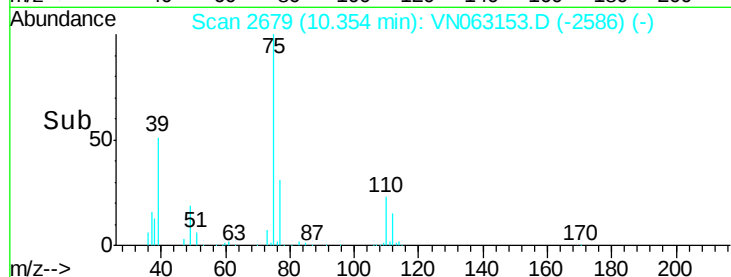
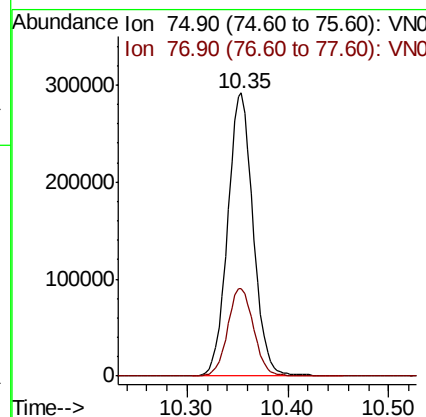
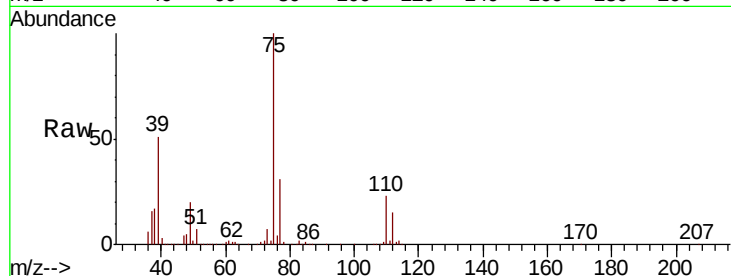
ICV083120

Tot Ion: 75 Resp: 514242

Ion Ratio Lower Upper

75 100

77 31.0 24.2 36.2



#54

cis-1,3-Dichloropropene

Concen: 52.289 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN063153.D

Acq: 31 Aug 2020 15:46

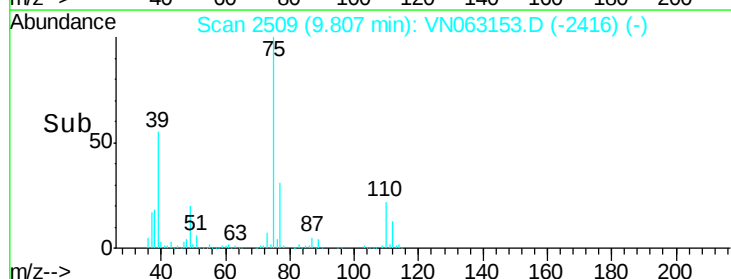
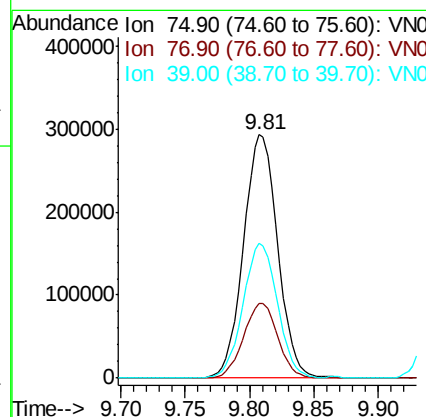
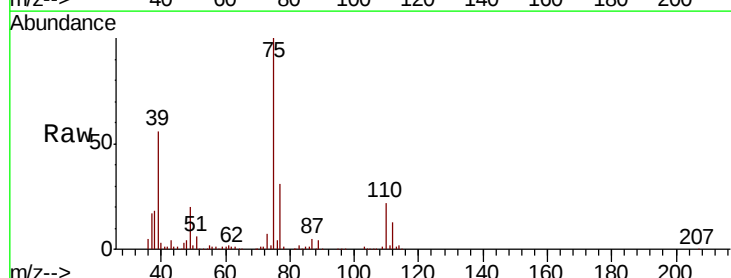
Tgt Ion: 75 Resp: 540690

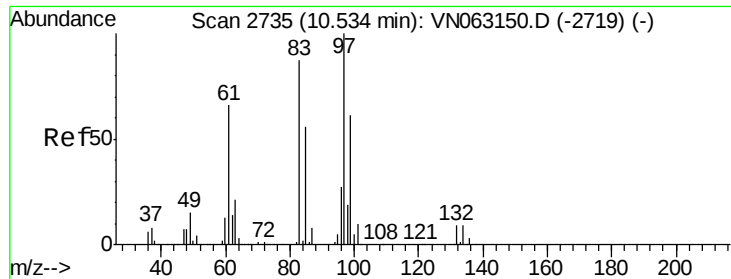
Ion Ratio Lower Upper

75 100

77 30.7 24.8 37.2

39 55.5 45.0 67.6

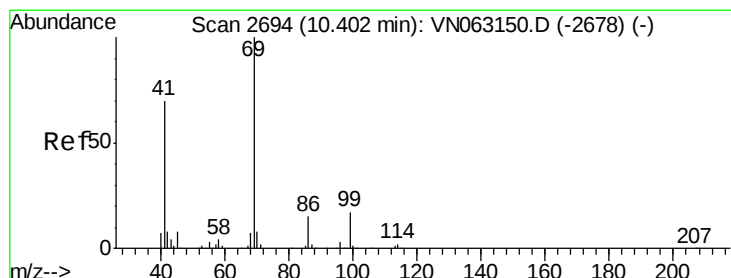
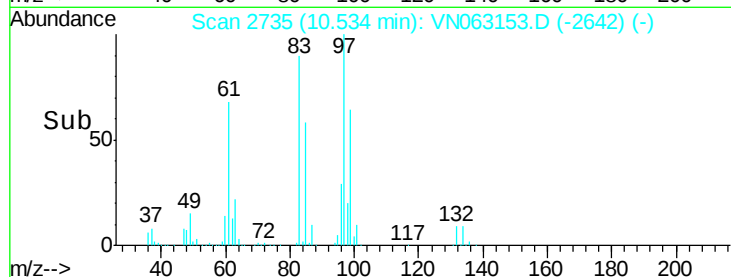
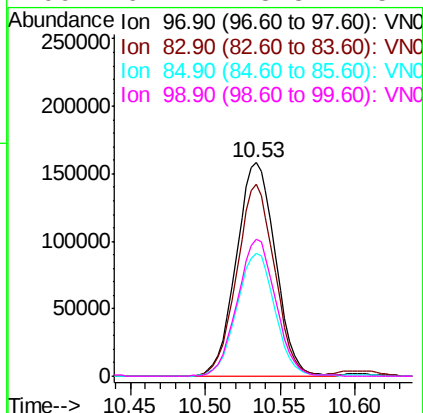
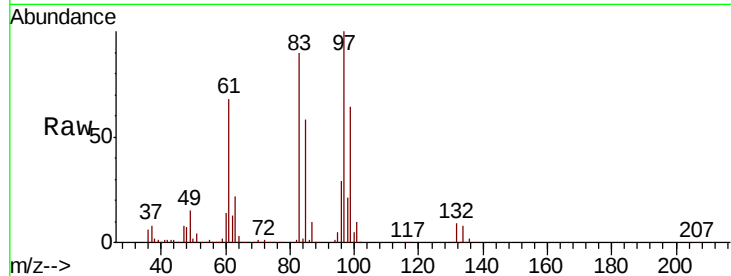




#55
 1,1,2-Trichloroethane
 Concen: 50.479 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN063153.D
 Acq: 31 Aug 2020 15:46

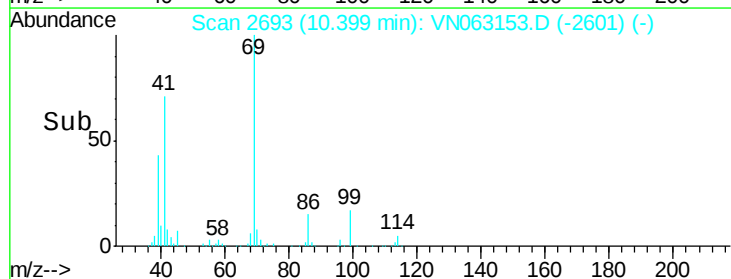
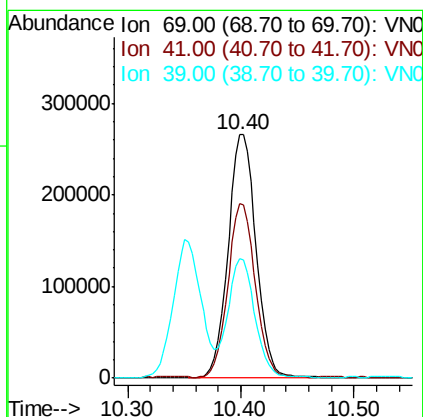
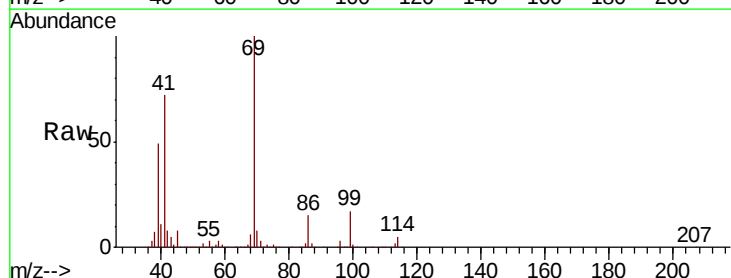
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN083120

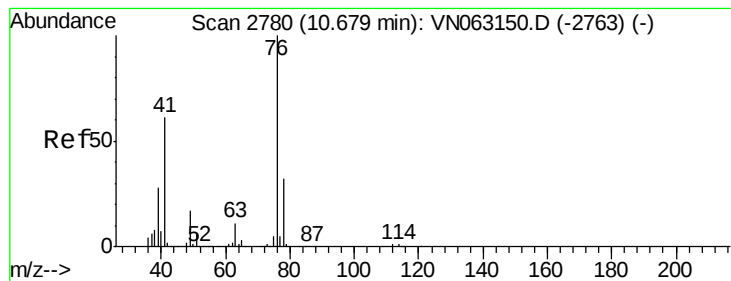
Tot Ion:	97	Resp:	288369
Ion	Ratio	Lower	Upper
97	100		
83	89.7	69.8	104.8
85	57.6	44.9	67.3
99	64.2	48.8	73.2



#56
 Ethyl methacrylate
 Concen: 52.785 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN063153.D
 Acq: 31 Aug 2020 15:46

Tgt Ion:	69	Resp:	458903
Ion	Ratio	Lower	Upper
69	100		
41	69.1	55.5	83.3
39	47.4	38.2	57.2





#57

1,3-Dichloropropane

Concen: 50.752 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN063153.D

Acq: 31 Aug 2020 15:46

Instrument :

MSVOA_N

ClientSampleId :

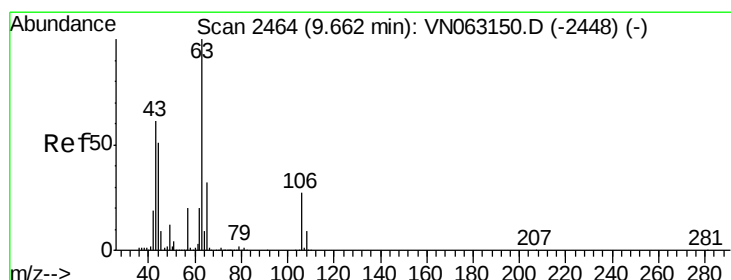
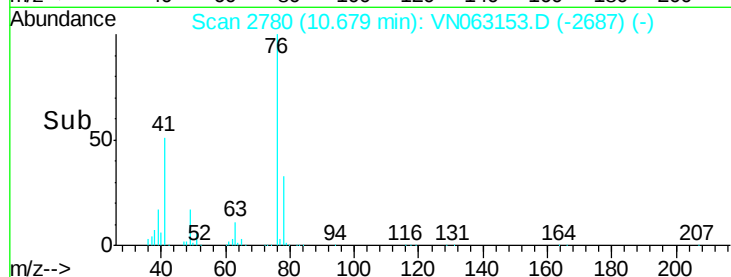
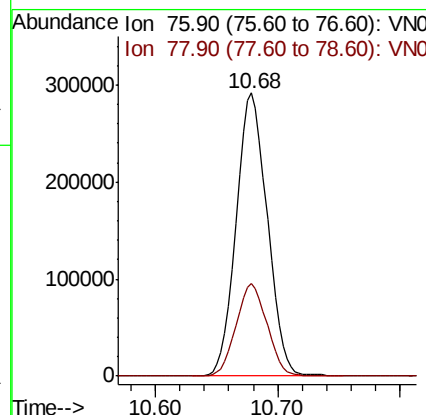
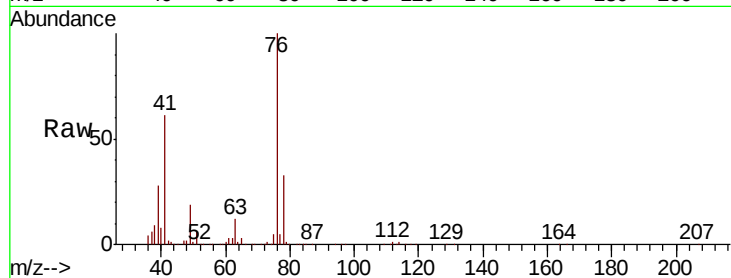
ICVFN083120

Tot Ion: 76 Resp: 516496

Ion Ratio Lower Upper

76 100

78 32.8 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 262.740 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN063153.D

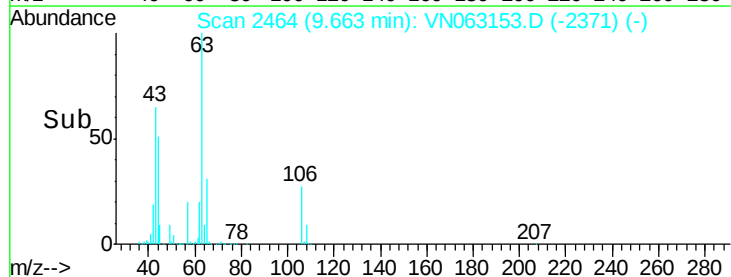
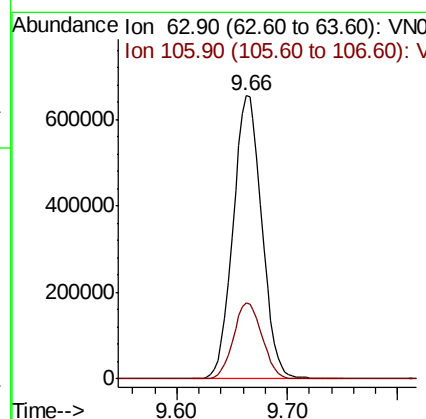
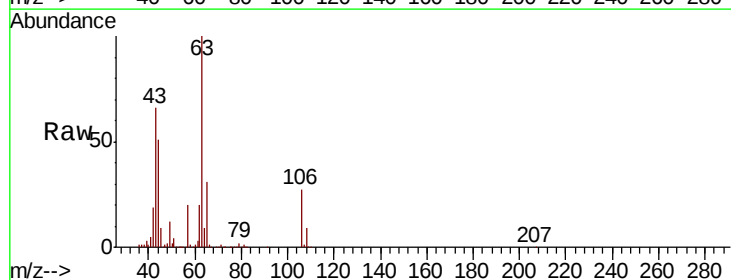
Acq: 31 Aug 2020 15:46

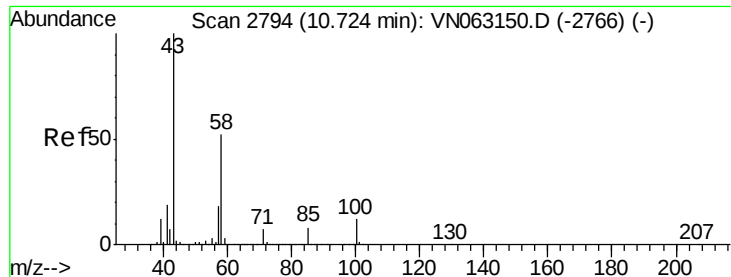
Tgt Ion: 63 Resp: 1182839

Ion Ratio Lower Upper

63 100

106 27.0 21.8 32.6

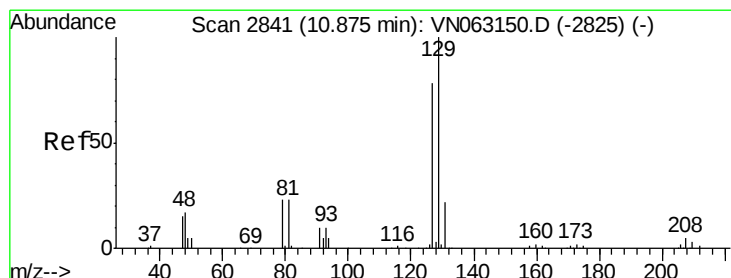
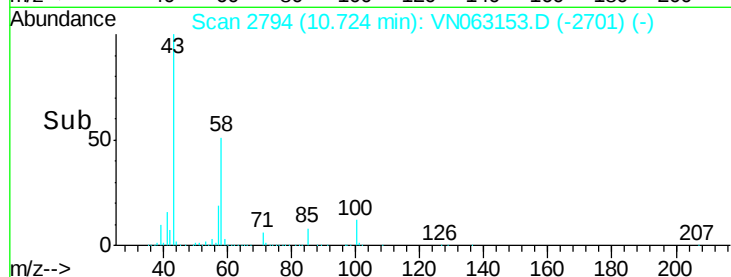
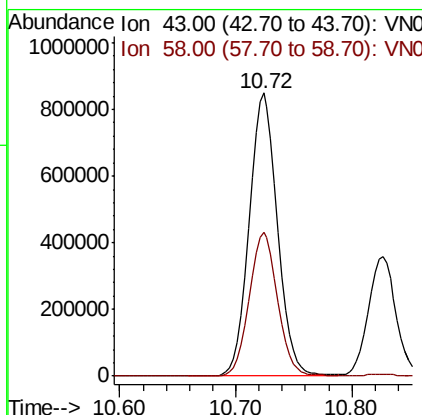
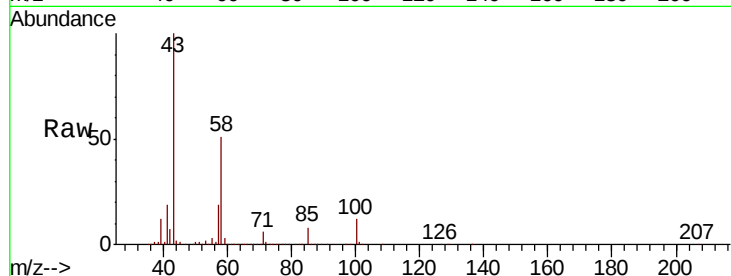




#59
2-Hexanone
Concen: 284.213 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063153.D
Acq: 31 Aug 2020 15:46

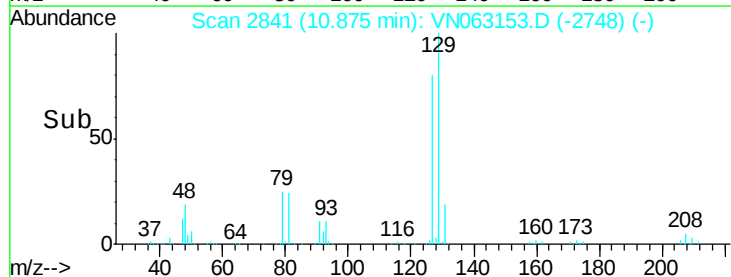
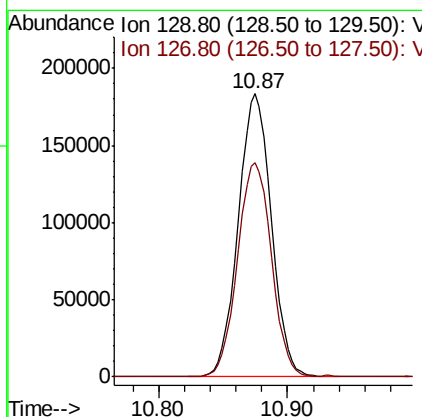
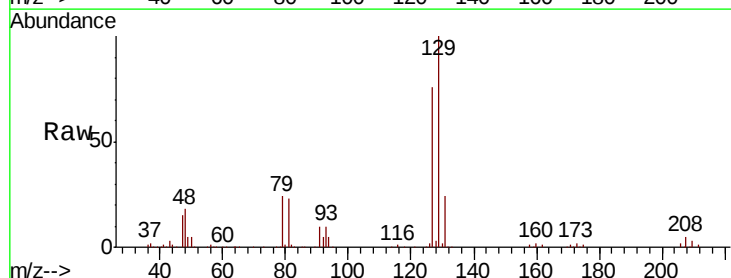
Instrument :
MSVOA_N
ClientSampleId :
ICVVN083120

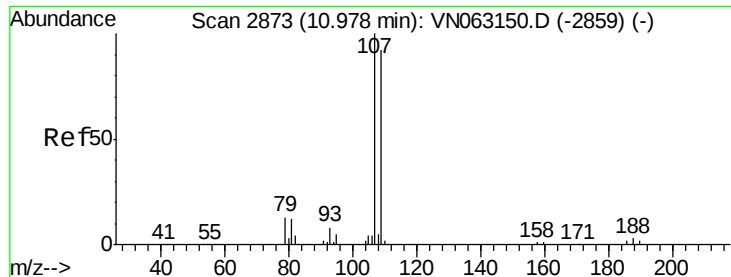
Tot Ion: 43 Resp: 1442408
Ion Ratio Lower Upper
43 100
58 51.0 25.9 77.8



#60
Dibromochloromethane
Concen: 51.944 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063153.D
Acq: 31 Aug 2020 15:46

Tgt Ion: 129 Resp: 328064
Ion Ratio Lower Upper
129 100
127 77.5 39.0 117.0

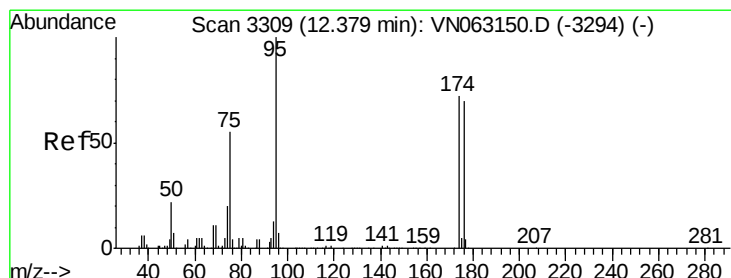
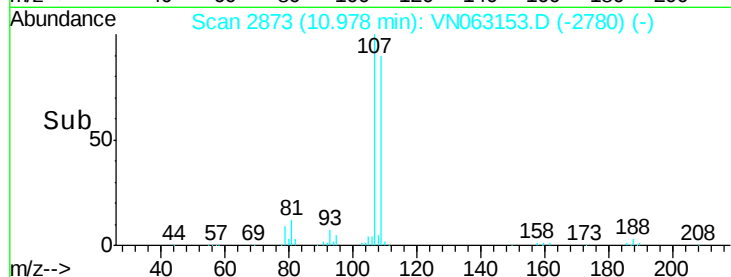
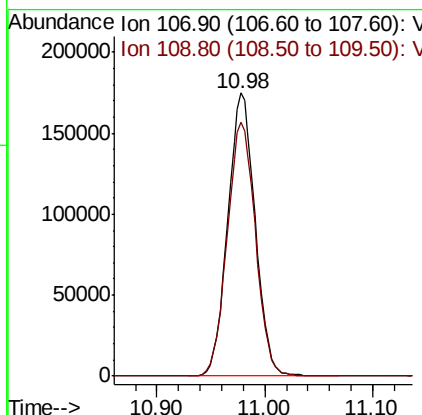
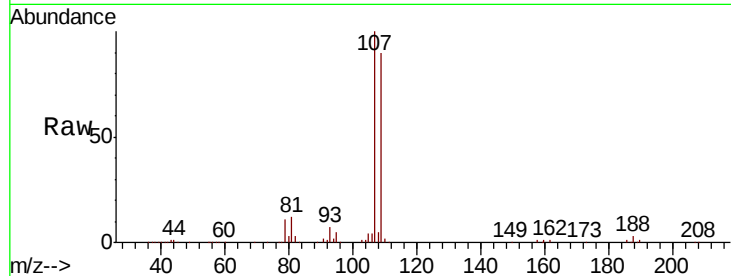




#61
 1,2-Dibromoethane
 Concen: 52.085 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN063153.D
 Acq: 31 Aug 2020 15:46

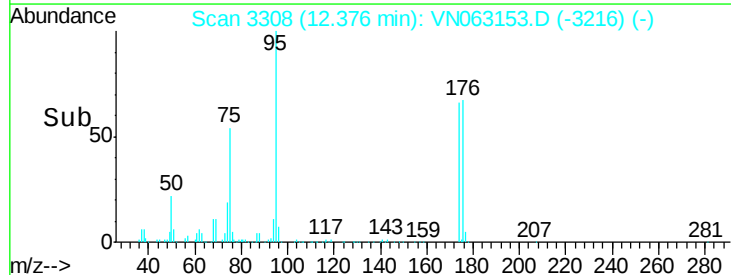
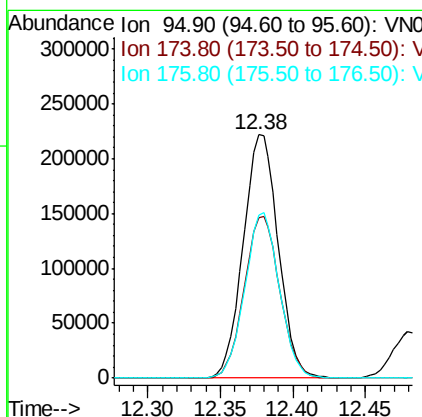
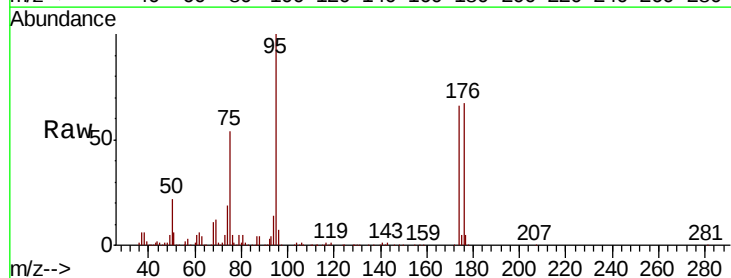
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN083120

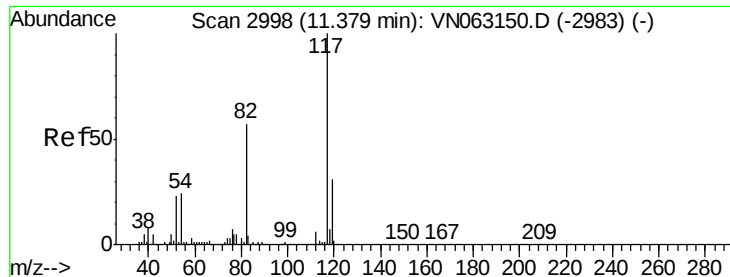
Tot Ion:107 Resp: 309307
 Ion Ratio Lower Upper
 107 100
 109 92.2 73.4 110.0



#62
 4-Bromofluorobenzene
 Concen: 51.080 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN063153.D
 Acq: 31 Aug 2020 15:46

Tgt Ion: 95 Resp: 373985
 Ion Ratio Lower Upper
 95 100
 174 67.6 0.0 143.8
 176 67.0 0.0 138.4

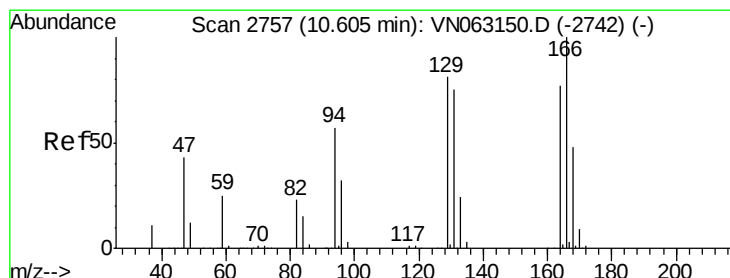
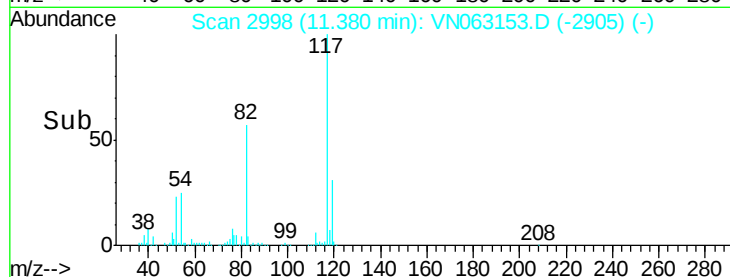
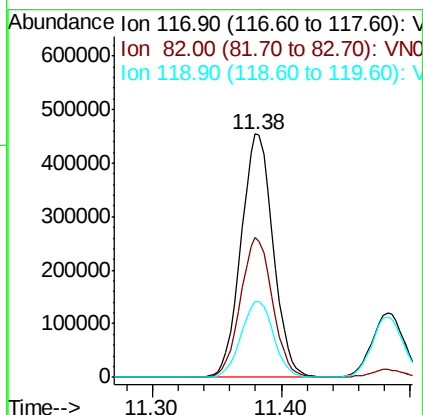
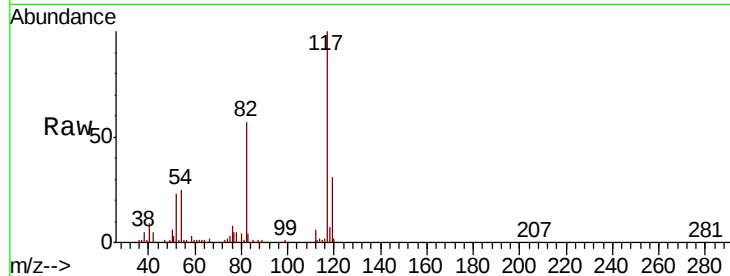




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063153.D
Acq: 31 Aug 2020 15:46

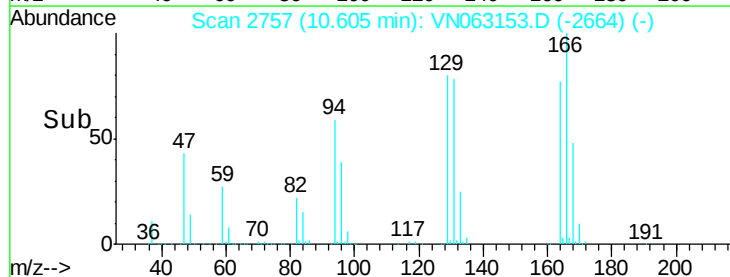
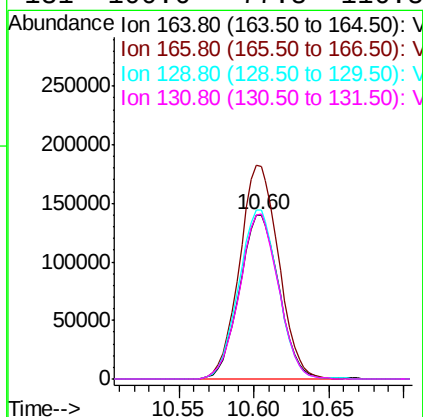
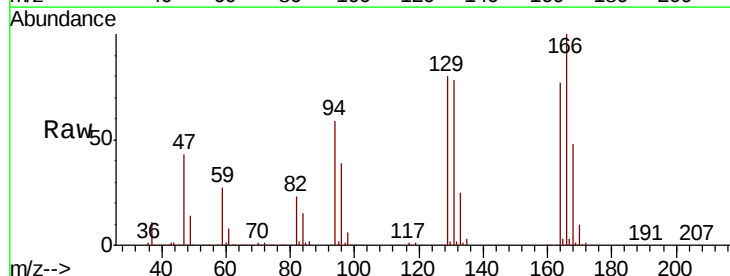
Instrument :
MSVOA_N
ClientSampleId :
ICVVN083120

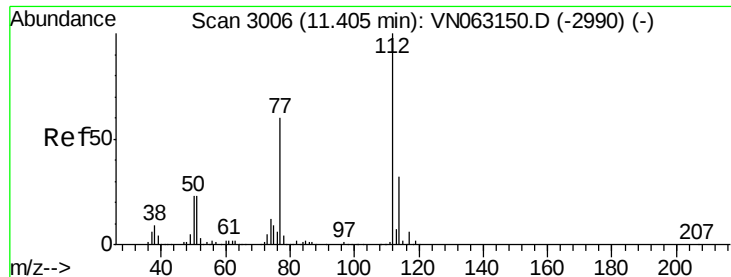
Tot Ion:117 Resp: 788219
Ion Ratio Lower Upper
117 100
82 57.3 45.4 68.0
119 31.0 24.6 37.0



#64
Tetrachloroethene
Concen: 45.298 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN063153.D
Acq: 31 Aug 2020 15:46

Tgt Ion:164 Resp: 256396
Ion Ratio Lower Upper
164 100
166 129.4 103.4 155.2
129 103.0 83.4 125.0
131 100.6 77.8 116.8

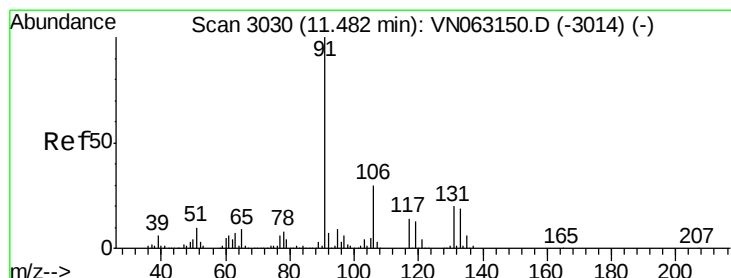
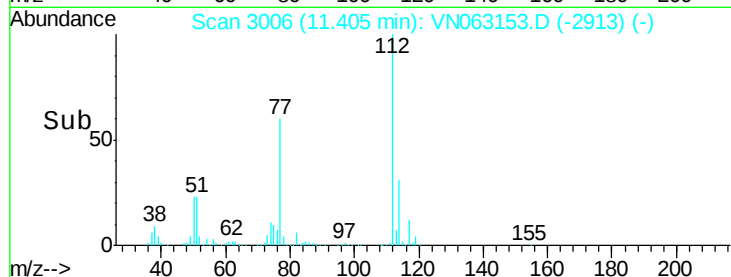
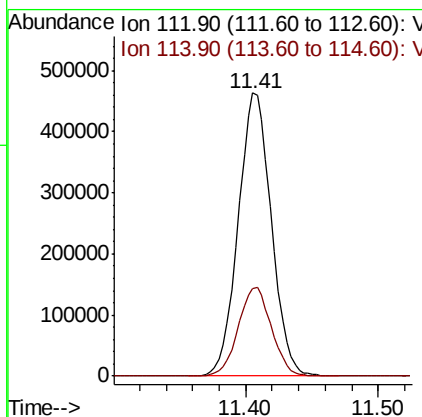
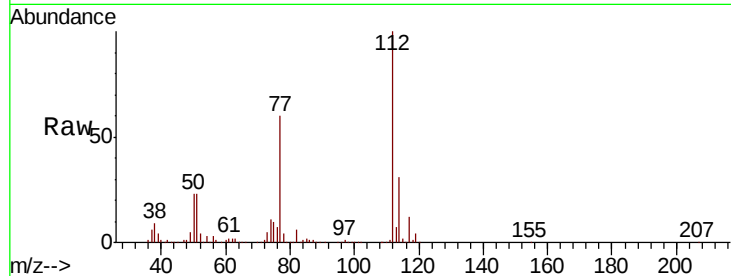




#65
Chlorobenzene
Concen: 50.549 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN063153.D
Acq: 31 Aug 2020 15:46

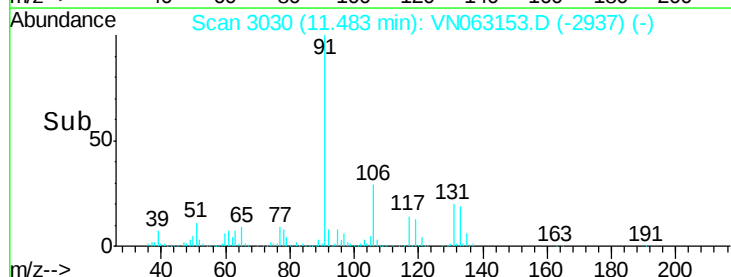
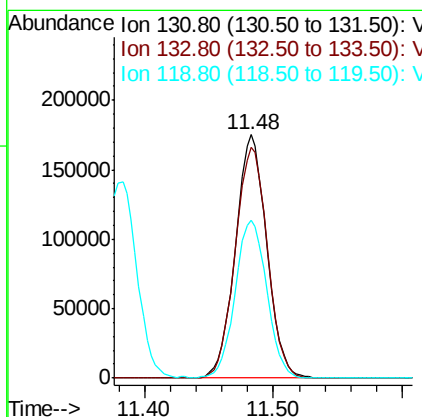
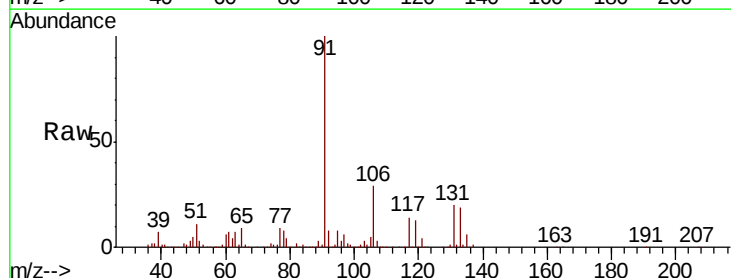
Instrument :
MSVOA_N
ClientSampled :
ICVVN083120

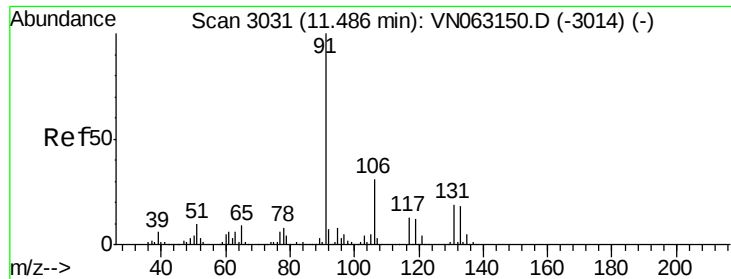
Tot Ion:112 Resp: 802503
Ion Ratio Lower Upper
112 100
114 31.1 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 50.155 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063153.D
Acq: 31 Aug 2020 15:46

Tgt Ion:131 Resp: 295627
Ion Ratio Lower Upper
131 100
133 97.4 47.3 142.0
119 65.8 32.4 97.0

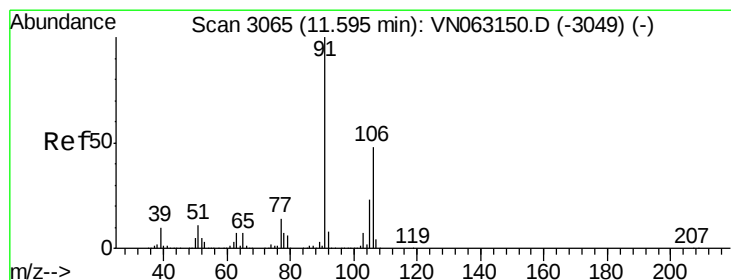
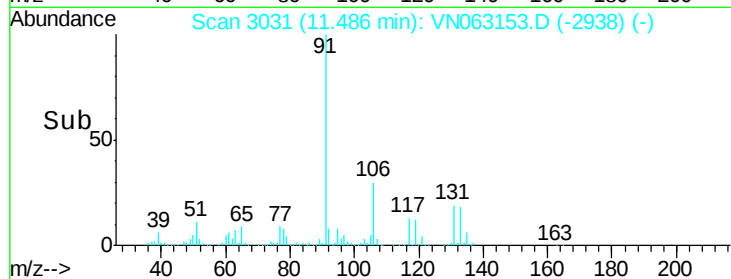
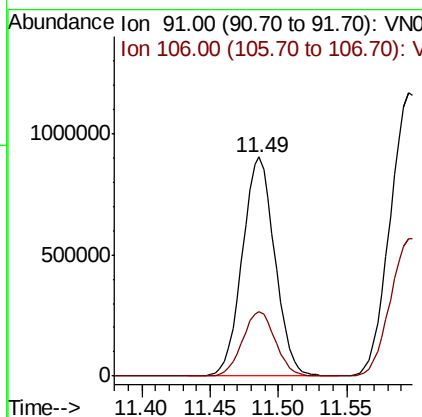
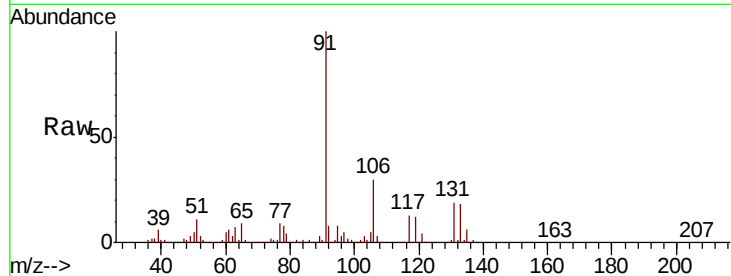




#67
Ethyl Benzene
Concen: 51.593 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN063153.D
Acq: 31 Aug 2020 15:46

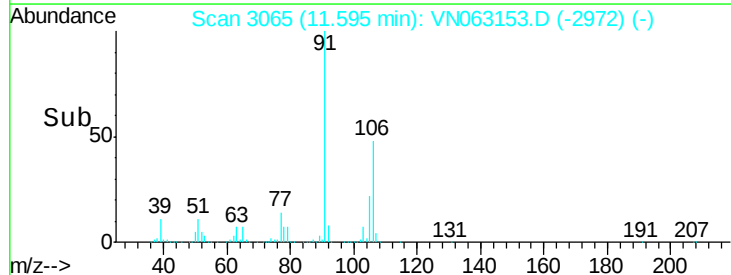
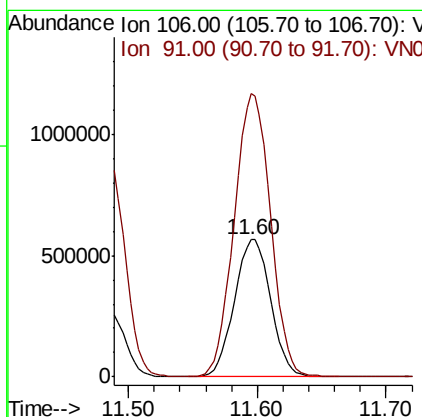
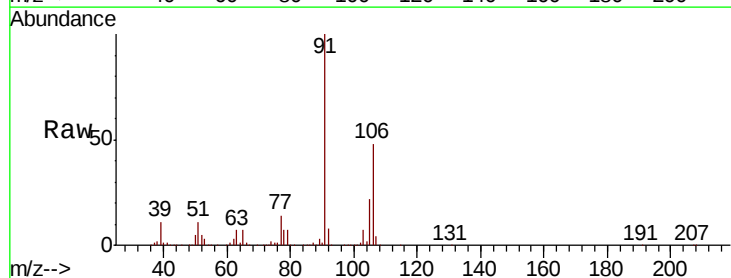
Instrument :
MSVOA_N
ClientSampled :
ICVVN083120

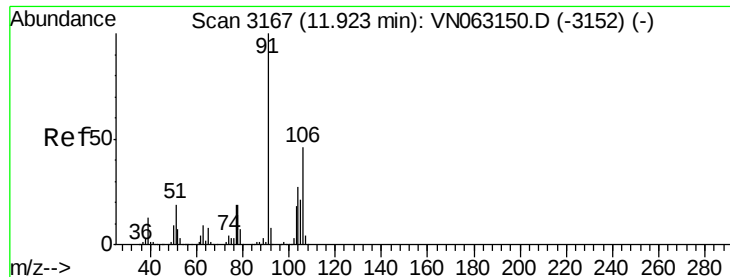
Tot Ion: 91 Resp: 1494213
Ion Ratio Lower Upper
91 100
106 29.5 24.4 36.6



#68
m/p-Xylenes
Concen: 102.873 ug/l
RT: 11.60 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN063153.D
Acq: 31 Aug 2020 15:46

Tgt Ion: 106 Resp: 1103467
Ion Ratio Lower Upper
106 100
91 207.4 166.7 250.1

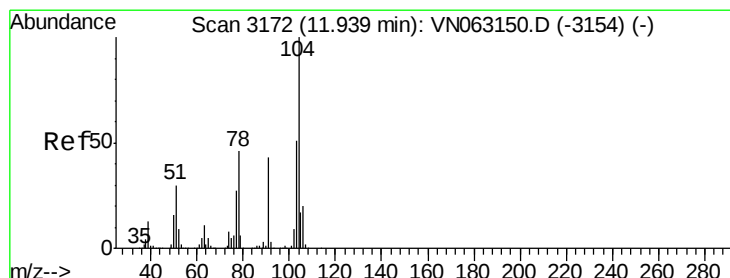
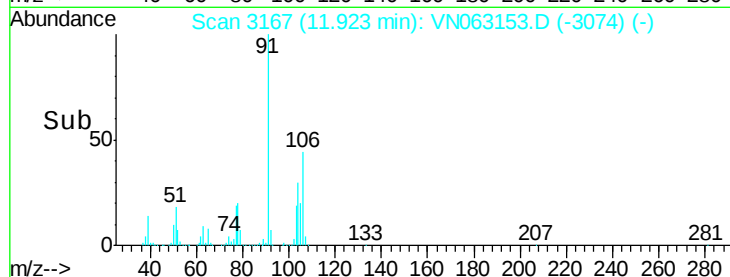
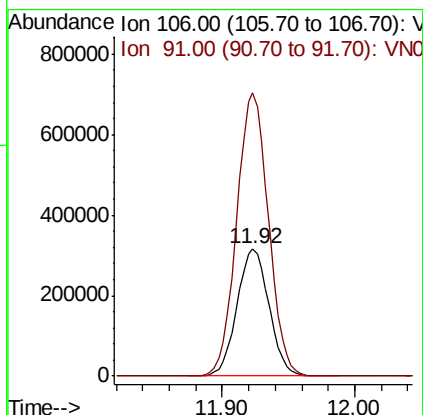
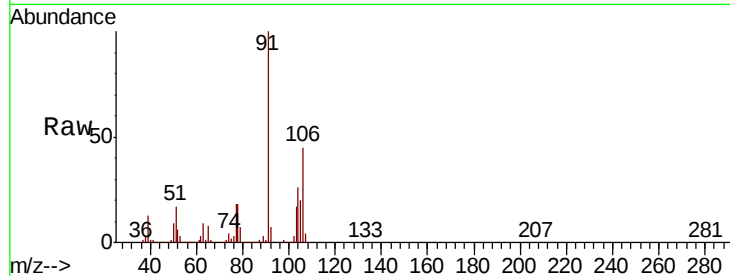




#69
o-Xylene
Concen: 51.102 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063153.D
Acq: 31 Aug 2020 15:46

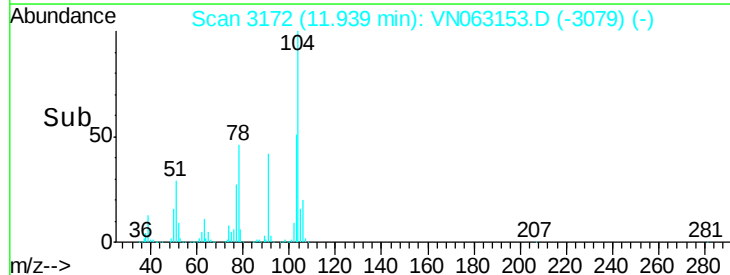
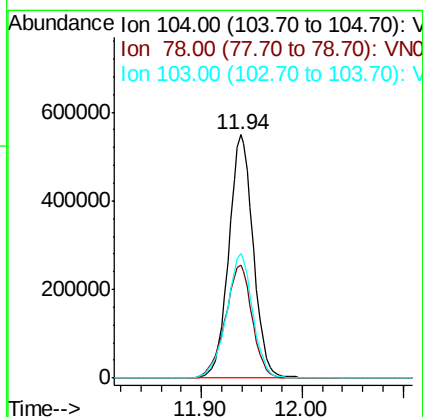
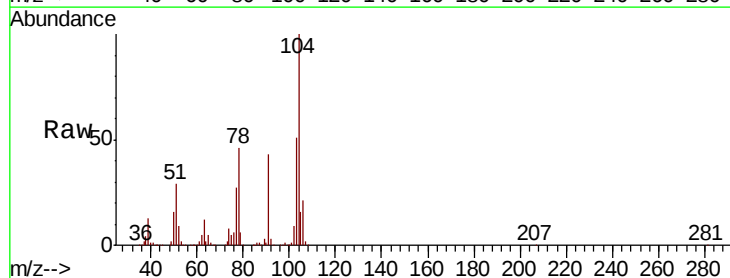
Instrument :
MSVOA_N
ClientSampleId :
ICVVN083120

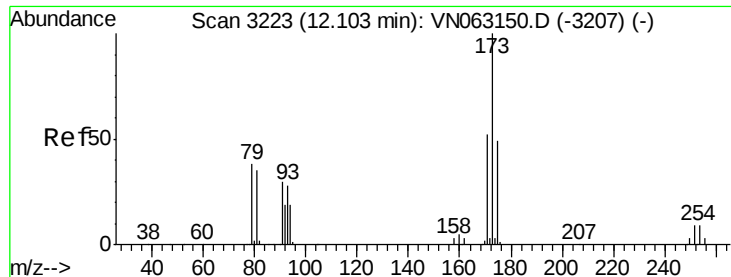
Tot Ion:106 Resp: 529533
Ion Ratio Lower Upper
106 100
91 221.2 108.6 325.6



#70
Styrene
Concen: 52.016 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN063153.D
Acq: 31 Aug 2020 15:46

Tgt Ion:104 Resp: 926338
Ion Ratio Lower Upper
104 100
78 51.4 41.0 61.6
103 54.7 43.8 65.8





#71

Bromoform

Concen: 52.792 ug/l

RT: 12.10 min Scan# 3223

Delta R.T. 0.00 min

Lab File: VN063153.D

Acq: 31 Aug 2020 15:46

Instrument :

MSVOA_N

ClientSampleId :

ICV083120

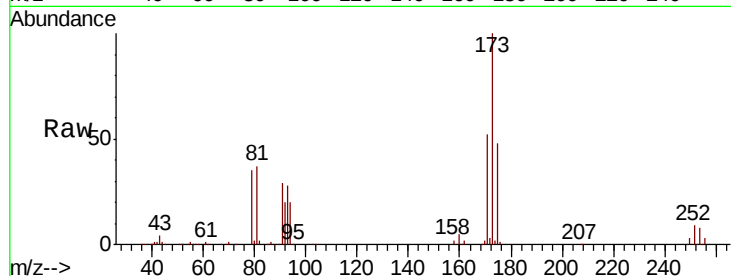
Tot Ion:173 Resp: 211173

Ion Ratio Lower Upper

173 100

175 47.8 24.6 73.8

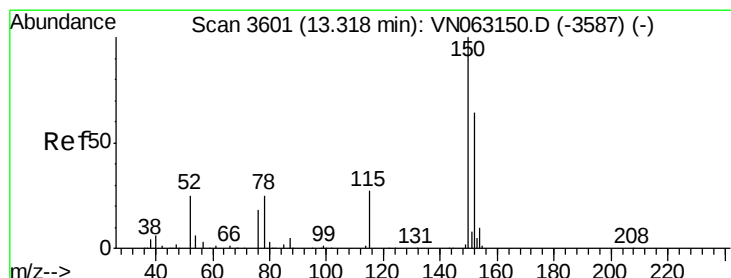
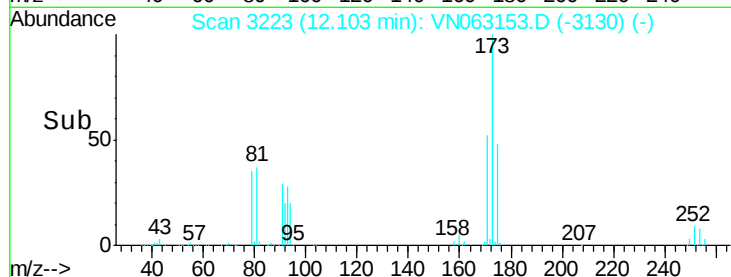
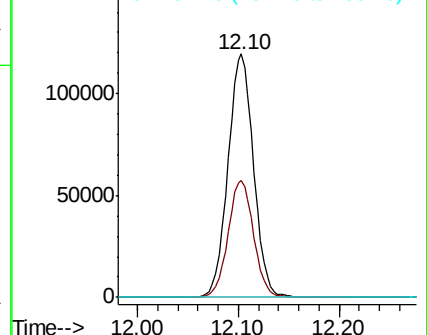
254 0.2 0.0 0.0#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN063153.D

Acq: 31 Aug 2020 15:46

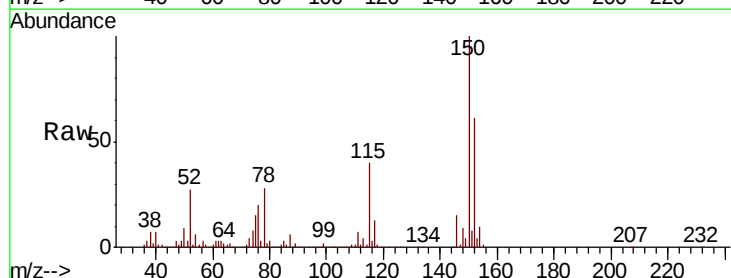
Tgt Ion:152 Resp: 366769

Ion Ratio Lower Upper

152 100

115 64.8 32.0 96.2

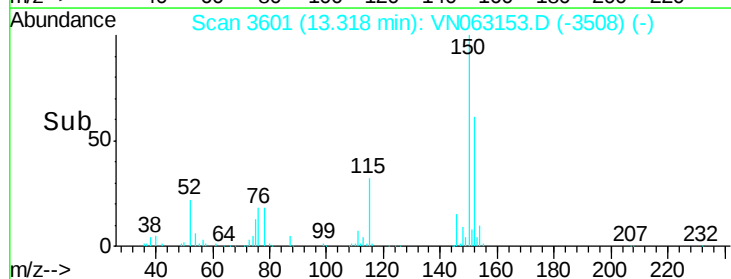
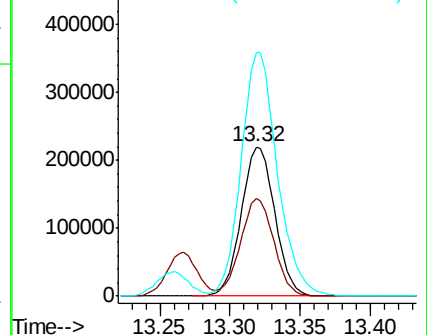
150 176.2 0.0 353.0

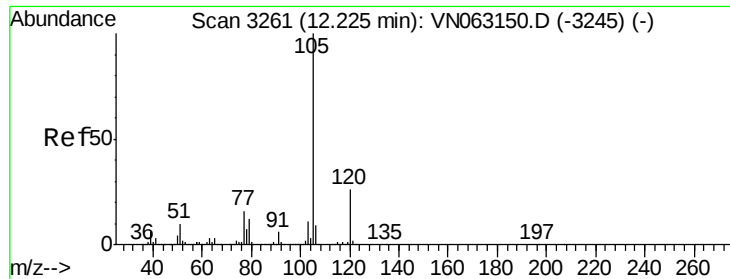


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.277 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063153.D

Acq: 31 Aug 2020 15:46

Instrument :

MSVOA_N

ClientSampleId :

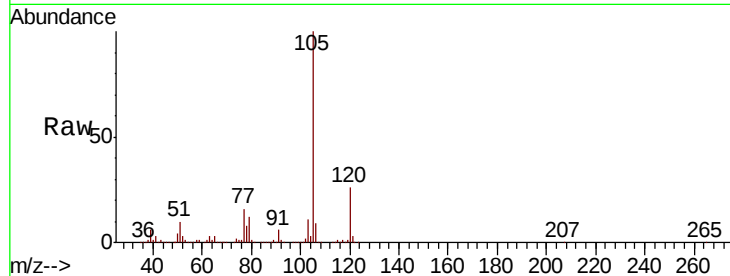
ICVVN083120

Tot Ion:105 Resp: 1442472

Ion Ratio Lower Upper

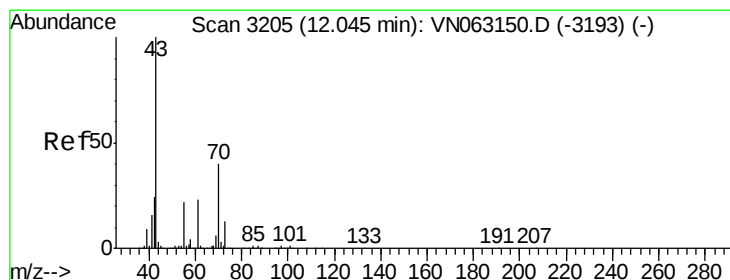
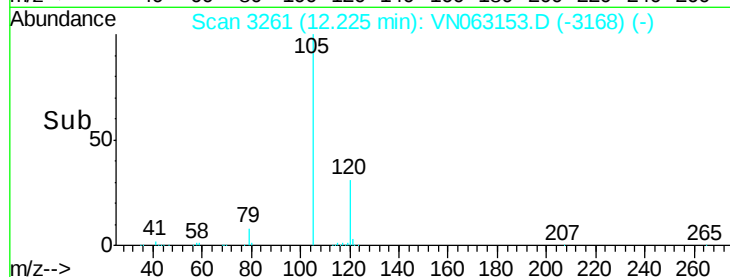
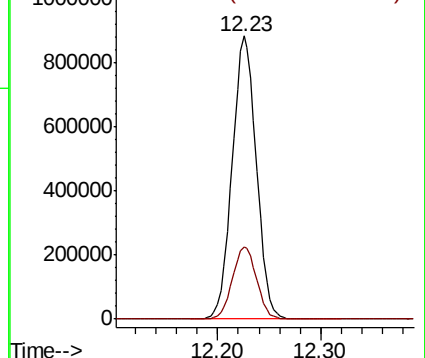
105 100

120 25.6 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.626 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN063153.D

Acq: 31 Aug 2020 15:46

Tgt Ion: 43 Resp: 613211

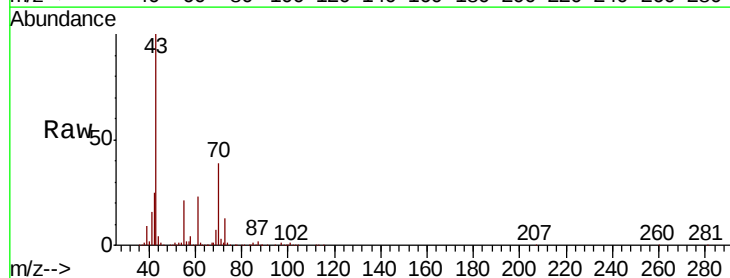
Ion Ratio Lower Upper

43 100

70 39.5 32.1 48.1

55 21.7 17.4 26.0

61 22.6 18.6 27.8

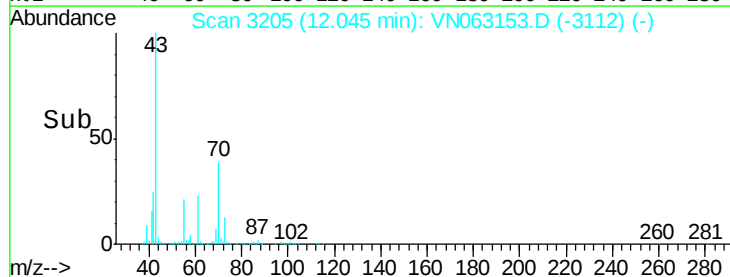
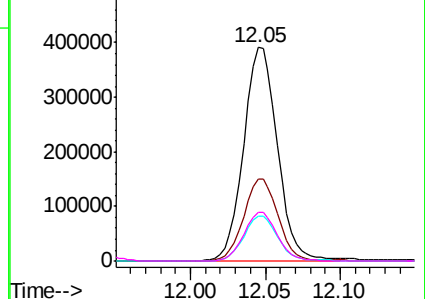


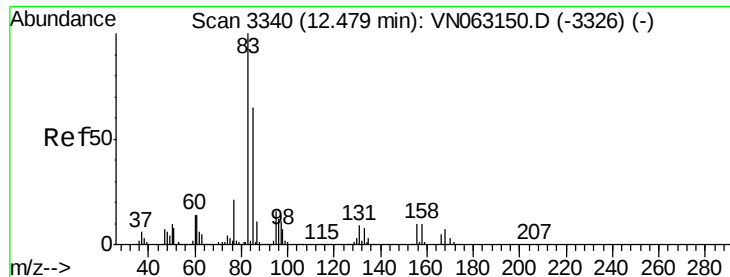
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 51.416 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN063153.D

Acq: 31 Aug 2020 15:46

Instrument :

MSVOA_N

ClientSampleId :

ICVVN083120

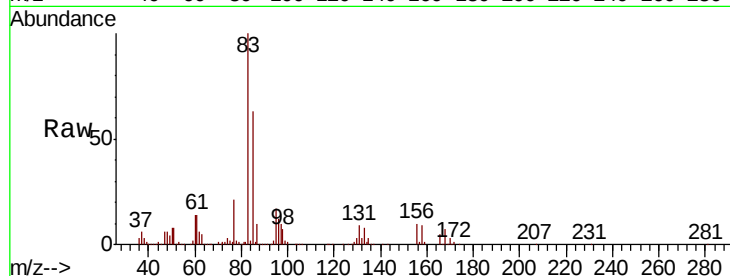
Tot Ion: 83 Resp: 416991

Ion Ratio Lower Upper

83 100

131 9.4 4.7 14.0

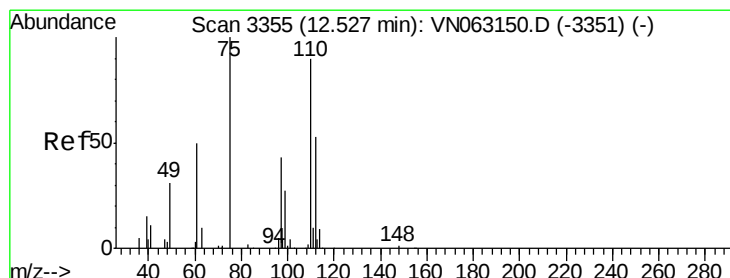
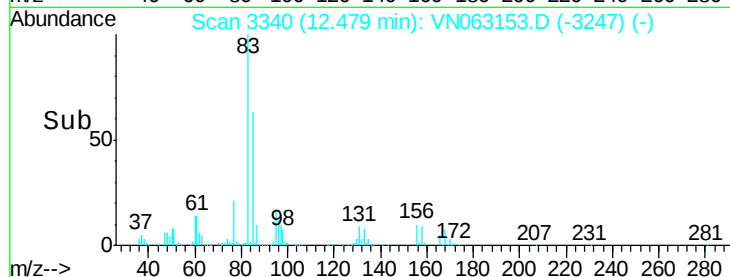
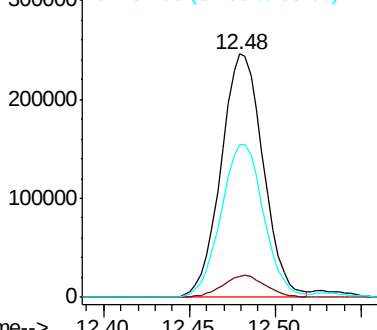
85 63.7 32.7 98.1



Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): VNO

Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 78.661 ug/l

RT: 12.53 min Scan# 3356

Delta R.T. 0.00 min

Lab File: VN063153.D

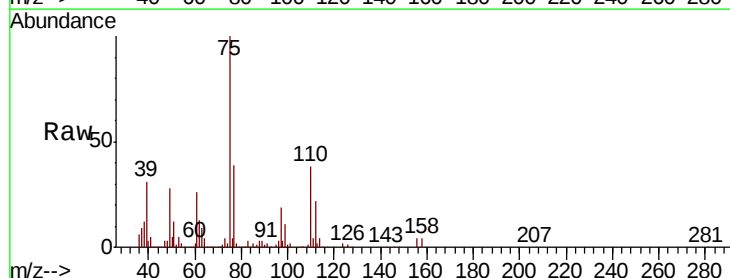
Acq: 31 Aug 2020 15:46

Tgt Ion: 75 Resp: 566847

Ion Ratio Lower Upper

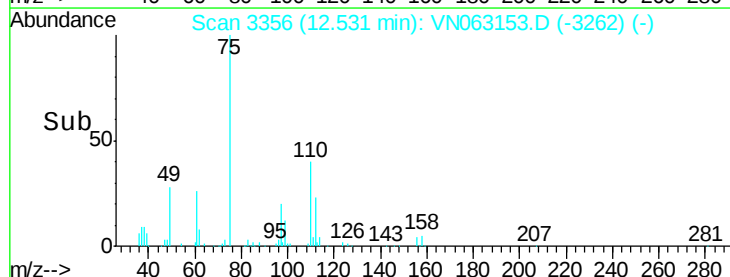
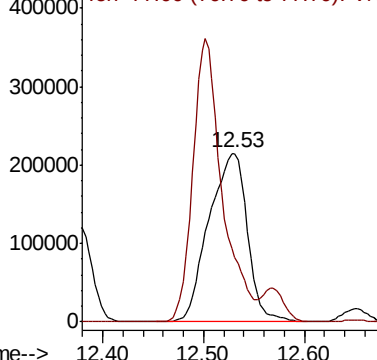
75 100

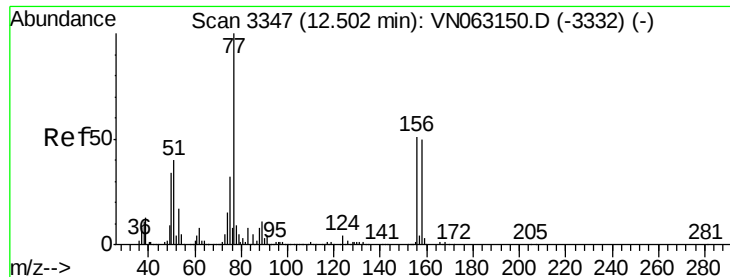
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 50.004 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN063153.D

Acq: 31 Aug 2020 15:46

Instrument :

MSVOA_N

ClientSampleId :

ICVVN083120

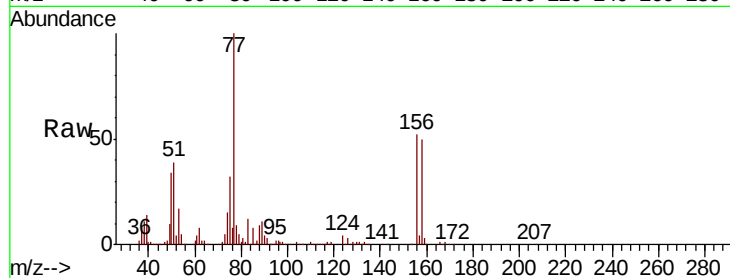
Tot Ion:156 Resp: 318126

Ion Ratio Lower Upper

156 100

77 231.0 116.1 348.3

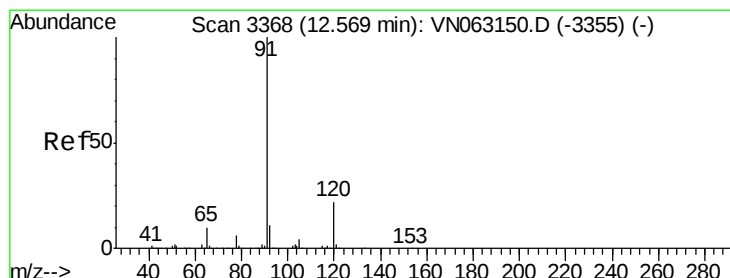
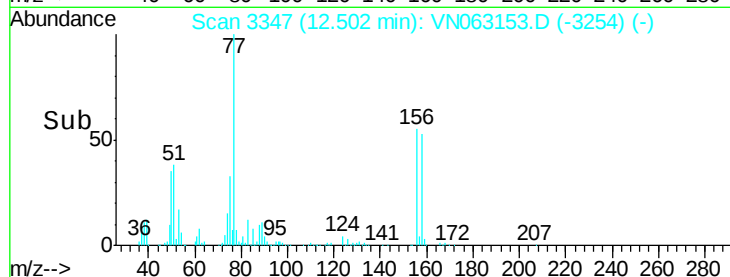
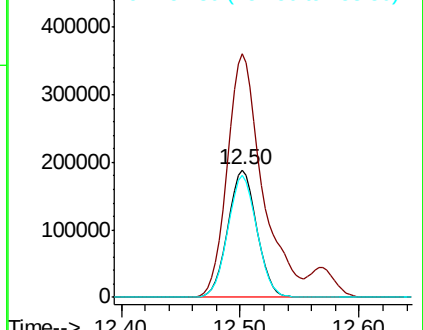
158 96.7 48.8 146.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.143 ug/l

RT: 12.57 min Scan# 3368

Delta R.T. 0.00 min

Lab File: VN063153.D

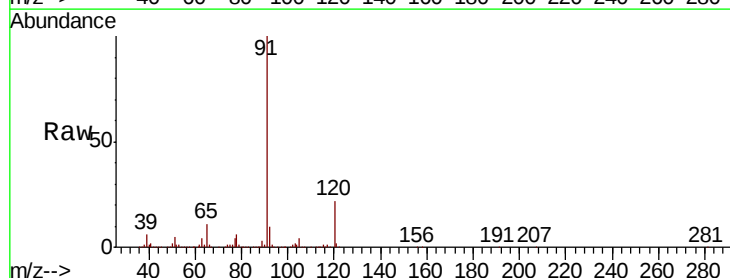
Acq: 31 Aug 2020 15:46

Tgt Ion: 91 Resp: 1697350

Ion Ratio Lower Upper

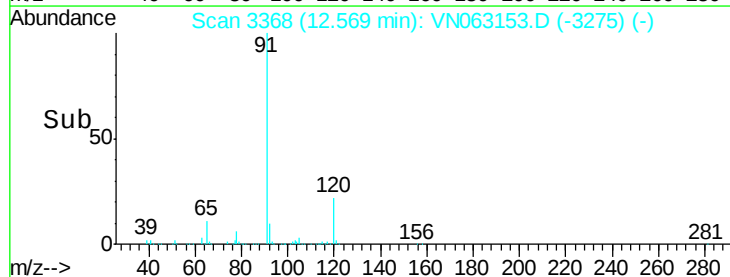
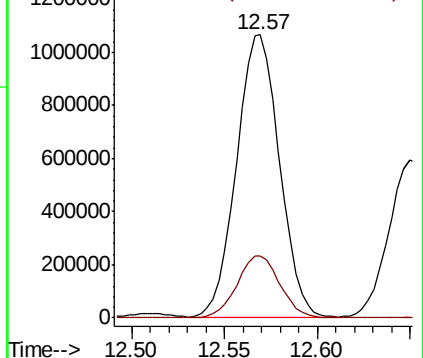
91 100

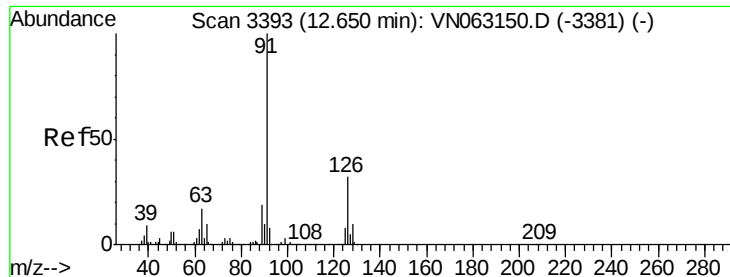
120 22.0 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

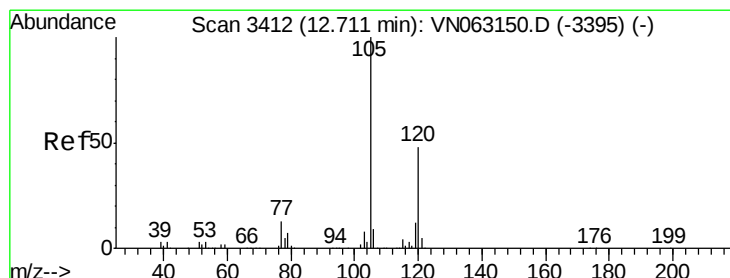
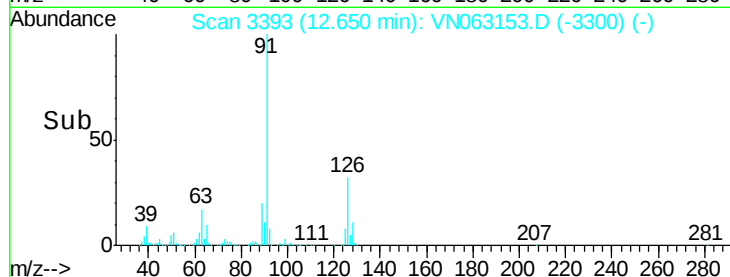
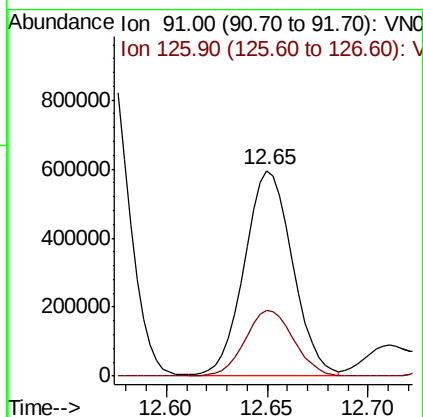
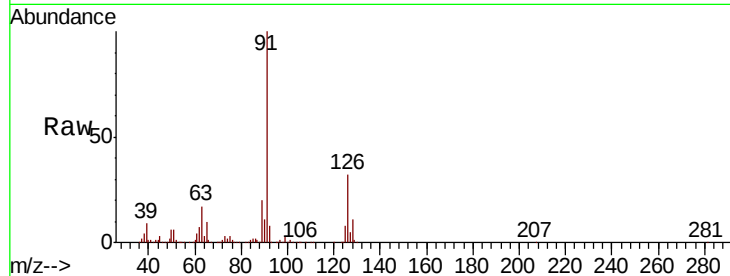




#79
 2-Chlorotoluene
 Concen: 50.660 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. 0.00 min
 Lab File: VN063153.D
 Acq: 31 Aug 2020 15:46

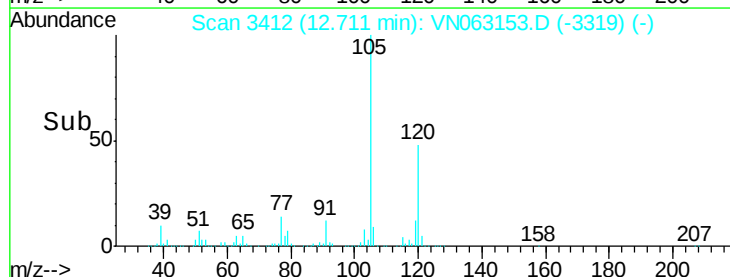
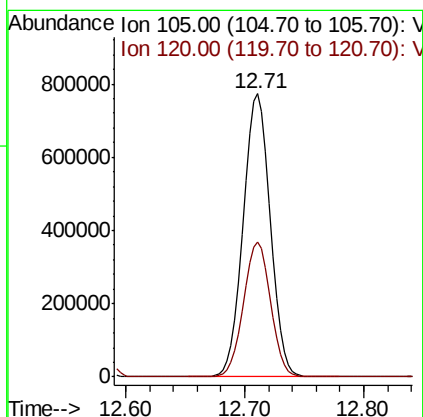
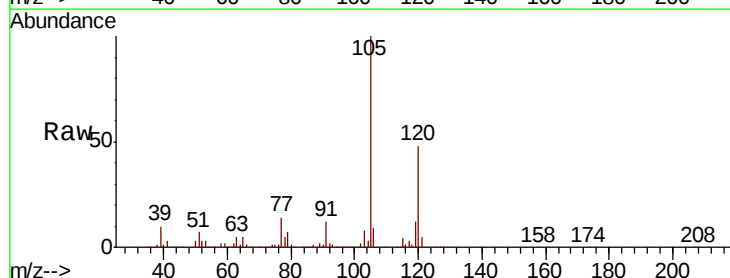
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN083120

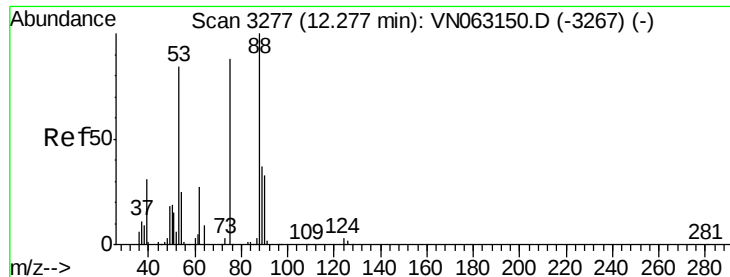
Tot Ion: 91 Resp: 987706
 Ion Ratio Lower Upper
 91 100
 126 32.7 16.1 48.3



#80
 1,3,5-Trimethylbenzene
 Concen: 51.917 ug/l
 RT: 12.71 min Scan# 3412
 Delta R.T. 0.00 min
 Lab File: VN063153.D
 Acq: 31 Aug 2020 15:46

Tgt Ion: 105 Resp: 1215635
 Ion Ratio Lower Upper
 105 100
 120 47.7 24.2 72.6





#81

trans-1,4-Dichloro-2-butene

Concen: 51.991 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063153.D

Acq: 31 Aug 2020 15:46

Instrument :

MSVOA_N

ClientSampleId :

ICVVN083120

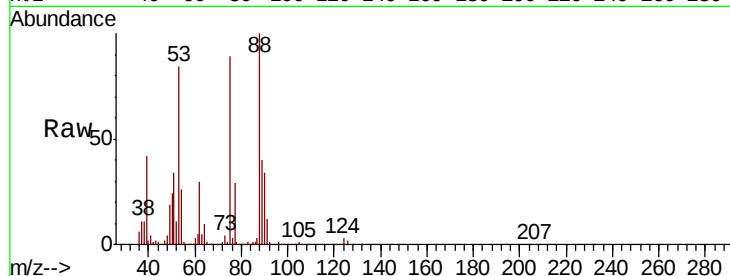
Tot Ion: 75 Resp: 155012

Ion Ratio Lower Upper

75 100

53 95.3 78.7 118.1

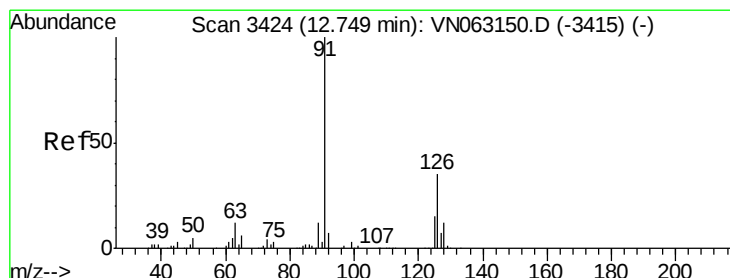
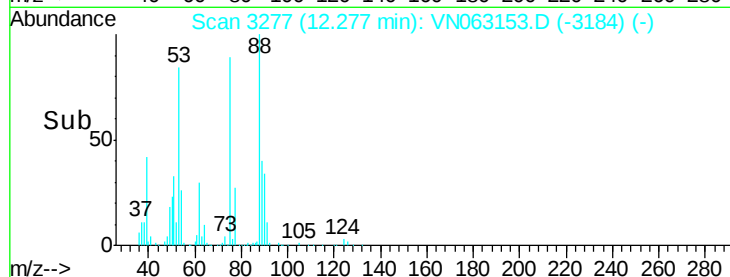
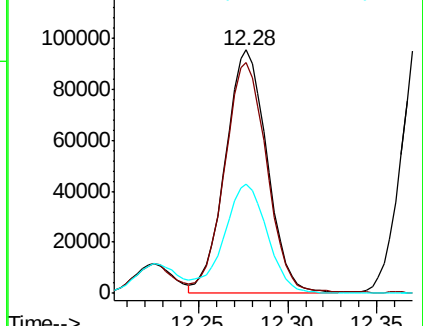
89 46.4 35.3 52.9



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 51.623 ug/l

RT: 12.75 min Scan# 3424

Delta R.T. 0.00 min

Lab File: VN063153.D

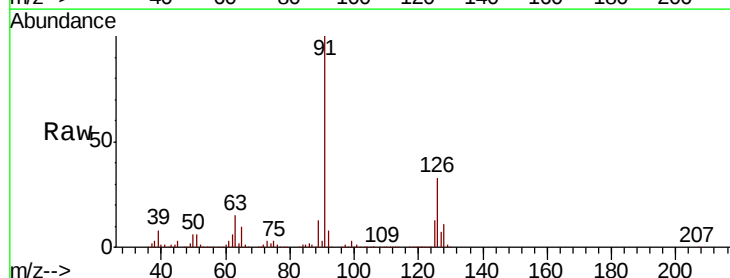
Acq: 31 Aug 2020 15:46

Tgt Ion: 91 Resp: 1043845

Ion Ratio Lower Upper

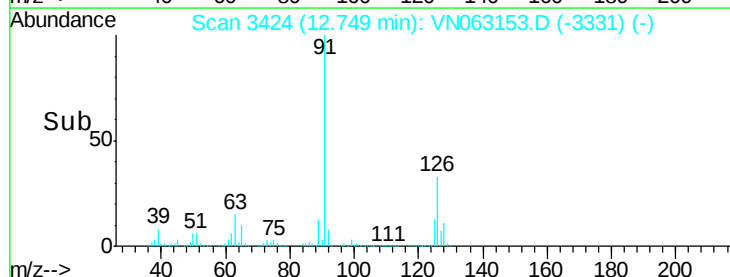
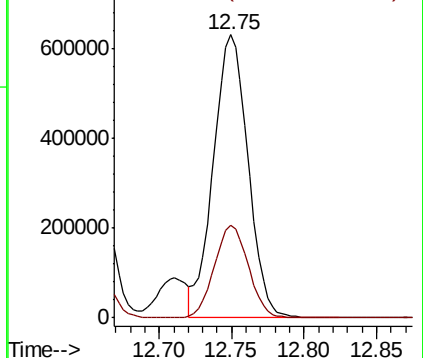
91 100

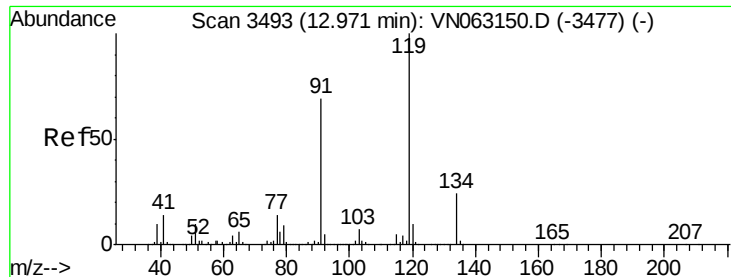
126 32.5 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

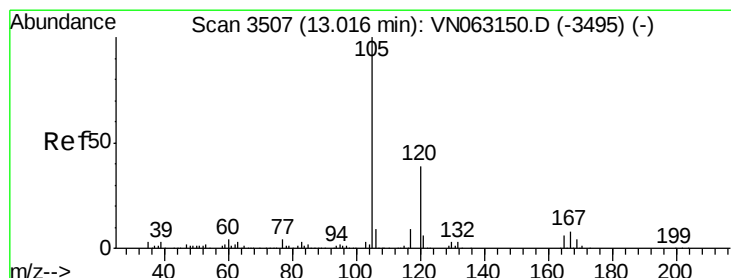
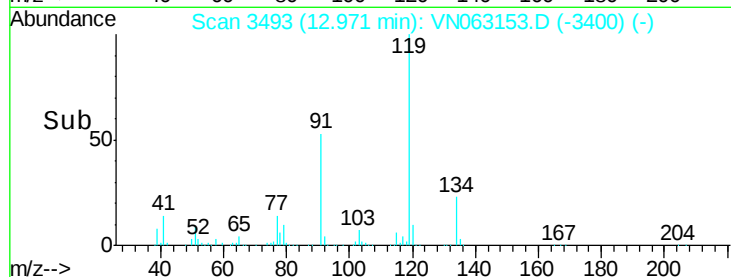
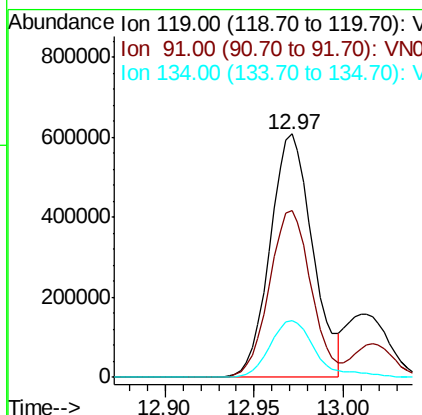
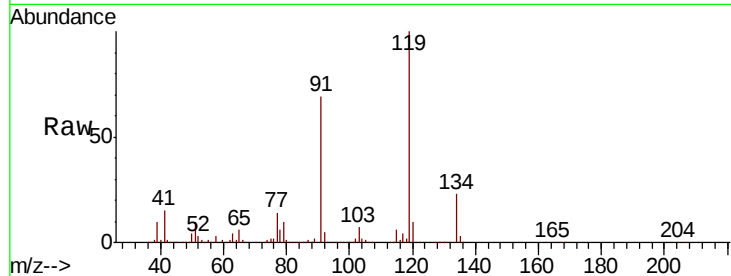




#83
 tert-Butylbenzene
 Concen: 50.334 ug/l
 RT: 12.97 min Scan# 3493
 Delta R.T. 0.00 min
 Lab File: VN063153.D
 Acq: 31 Aug 2020 15:46

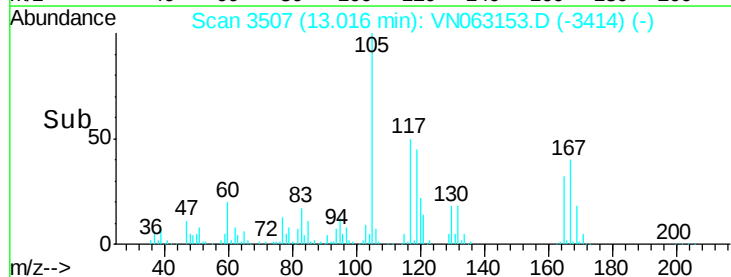
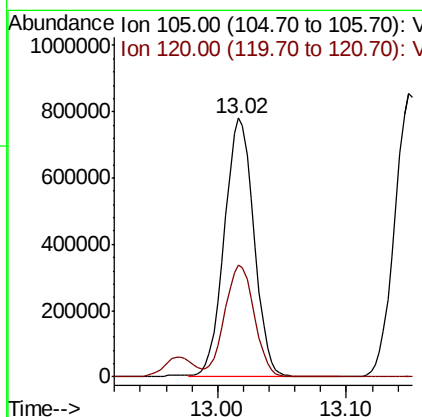
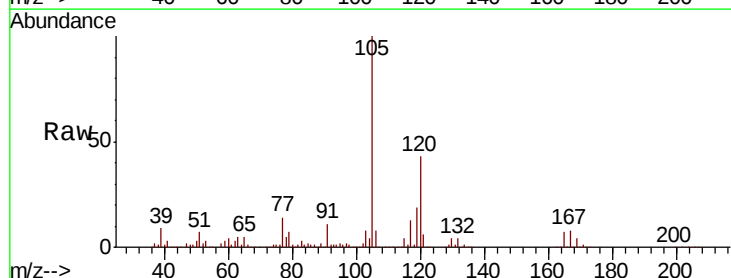
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN083120

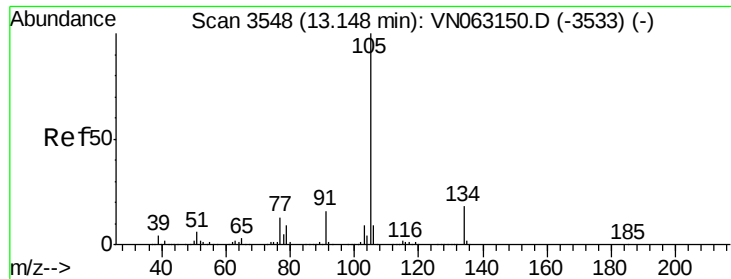
Tot Ion:119 Resp: 1010781
 Ion Ratio Lower Upper
 119 100
 91 67.0 33.7 101.0
 134 25.2 12.0 36.0



#84
 1,2,4-Trimethylbenzene
 Concen: 52.379 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN063153.D
 Acq: 31 Aug 2020 15:46

Tgt Ion:105 Resp: 1236226
 Ion Ratio Lower Upper
 105 100
 120 43.8 22.6 67.7





#85

sec-Butylbenzene

Concen: 52.523 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063153.D

Acq: 31 Aug 2020 15:46

Instrument :

MSVOA_N

ClientSampleId :

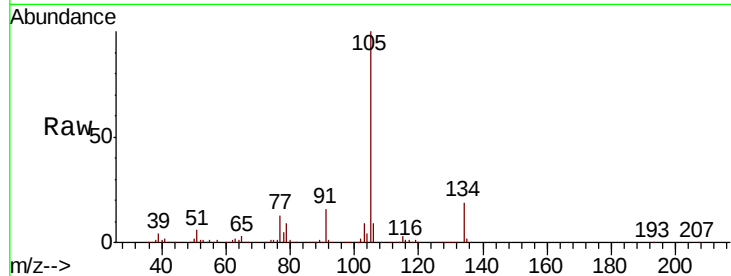
ICV083120

Tot Ion:105 Resp: 1374619

Ion Ratio Lower Upper

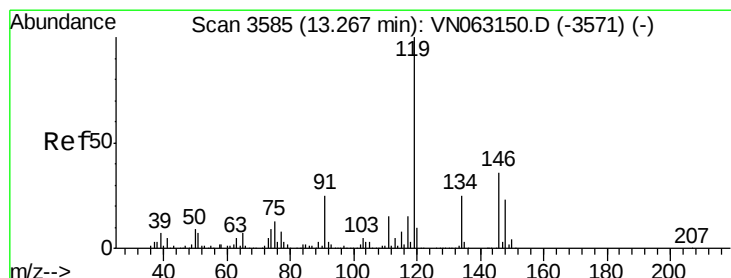
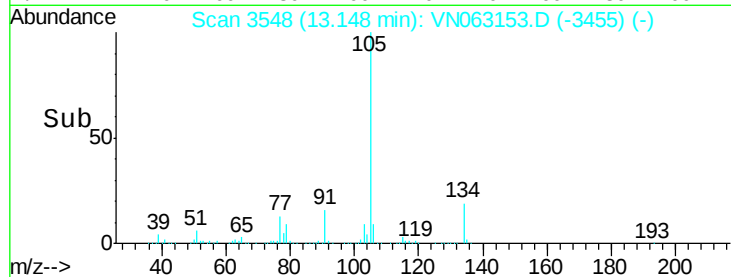
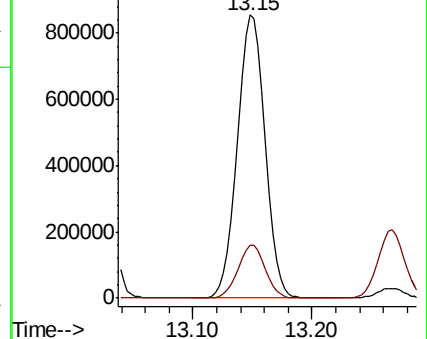
105 100

134 18.5 9.4 28.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.894 ug/l

RT: 13.27 min Scan# 3585

Delta R.T. 0.00 min

Lab File: VN063153.D

Acq: 31 Aug 2020 15:46

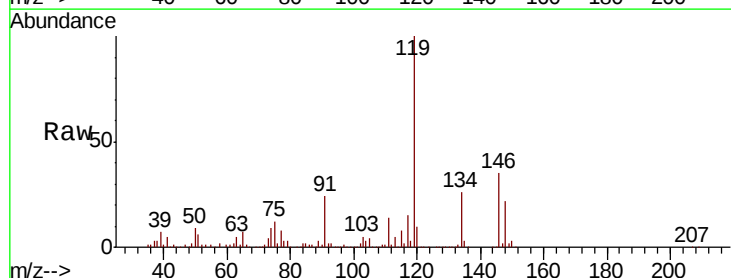
Tgt Ion:119 Resp: 1252255

Ion Ratio Lower Upper

119 100

134 25.5 12.4 37.4

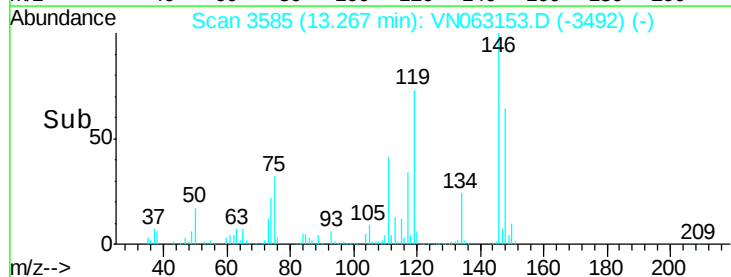
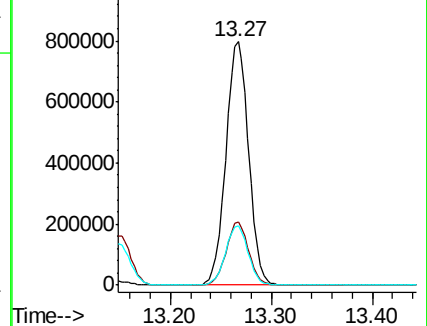
91 24.3 12.2 36.6

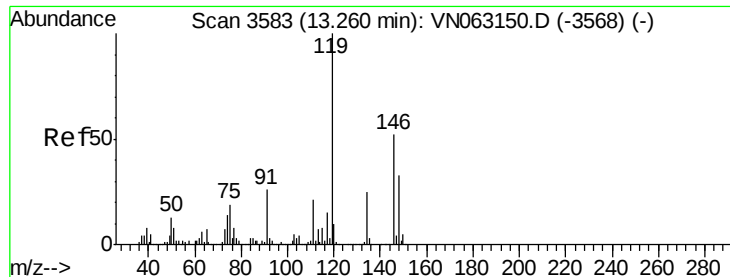


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 51.799 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN063153.D

Acq: 31 Aug 2020 15:46

Instrument :

MSVOA_N

ClientSampleId :

ICVVN083120

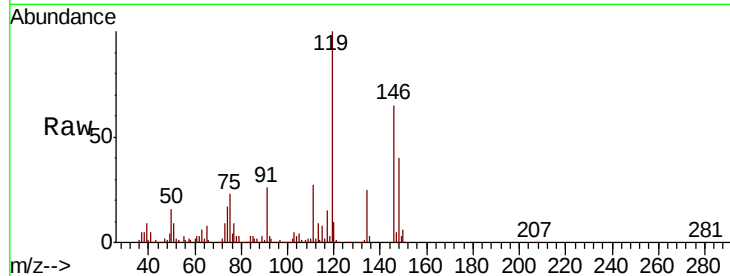
Tot Ion:146 Resp: 605392

Ion Ratio Lower Upper

146 100

111 42.0 21.3 63.7

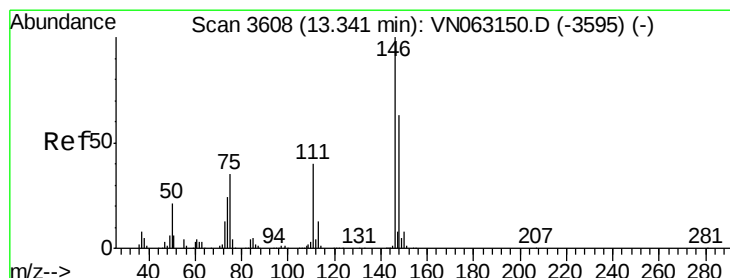
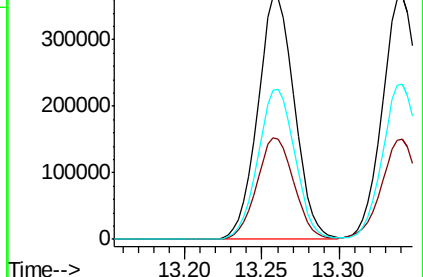
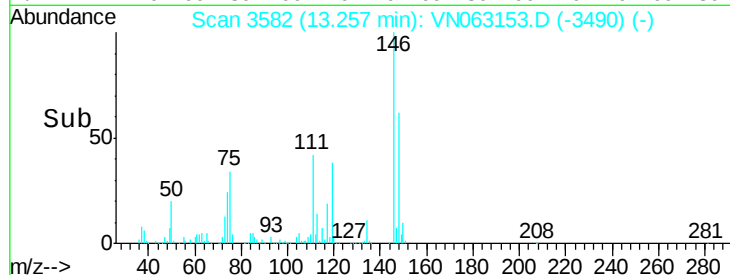
148 62.3 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 50.098 ug/l

RT: 13.34 min Scan# 3608

Delta R.T. 0.00 min

Lab File: VN063153.D

Acq: 31 Aug 2020 15:46

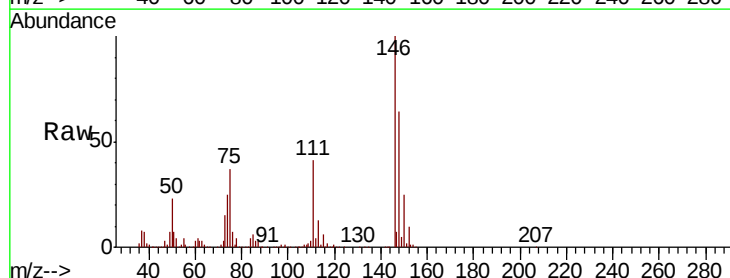
Tgt Ion:146 Resp: 606282

Ion Ratio Lower Upper

146 100

111 41.4 20.5 61.5

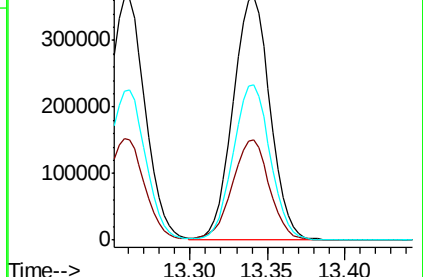
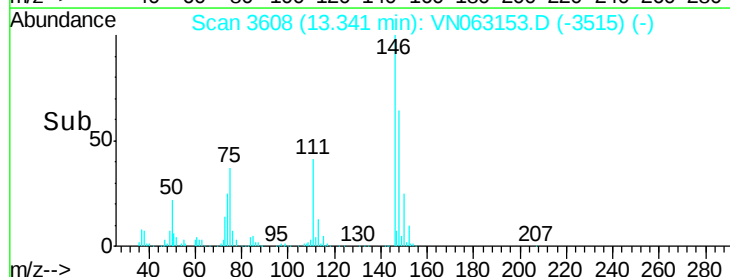
148 63.7 31.9 95.7

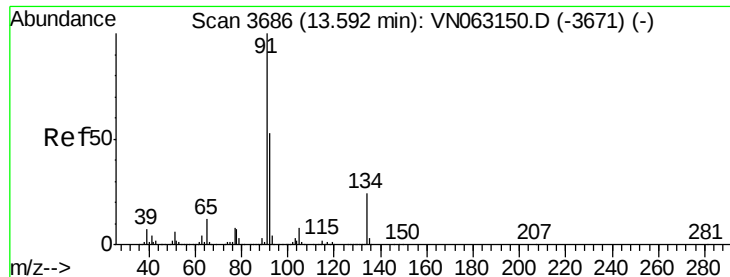


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 53.153 ug/l

RT: 13.59 min Scan# 3686

Delta R.T. 0.00 min

Lab File: VN063153.D

Acq: 31 Aug 2020 15:46

Instrument :

MSVOA_N

ClientSampleId :

ICVVN083120

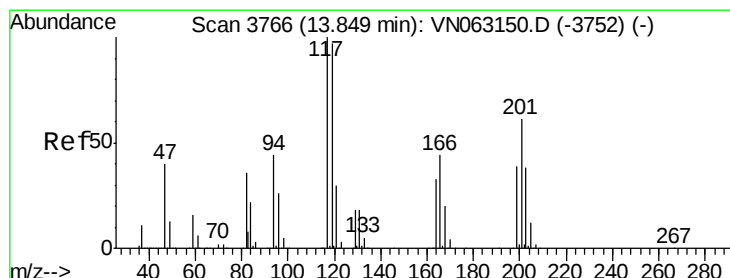
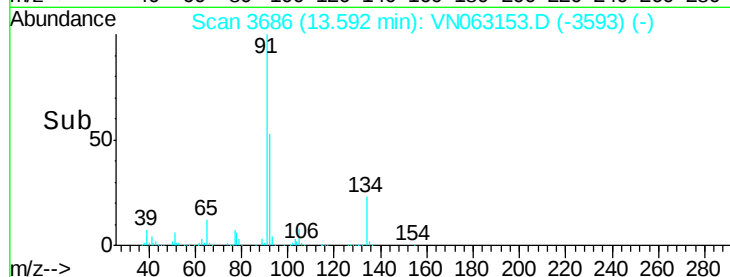
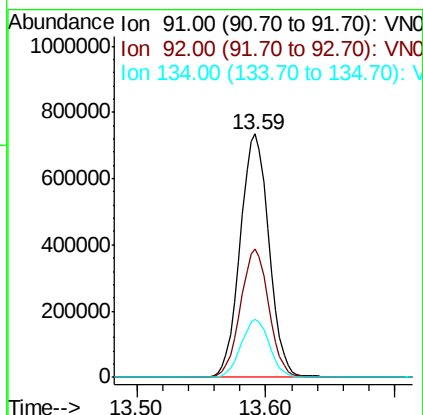
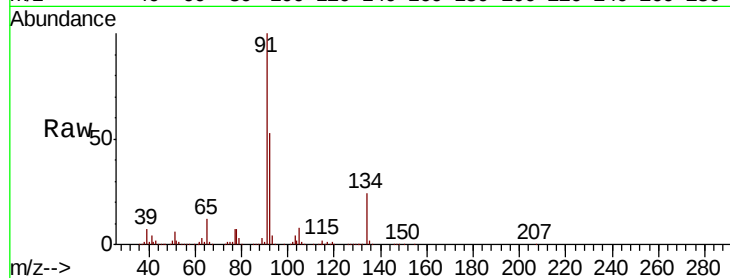
Tot Ion: 91 Resp: 1140986

Ion Ratio Lower Upper

91 100

92 52.2 26.3 78.8

134 23.6 12.0 36.0



#90

Hexachloroethane

Concen: 52.835 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. 0.00 min

Lab File: VN063153.D

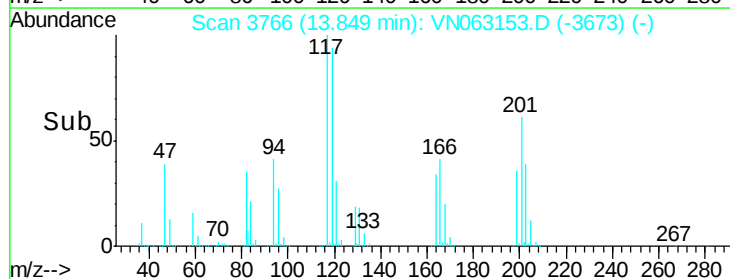
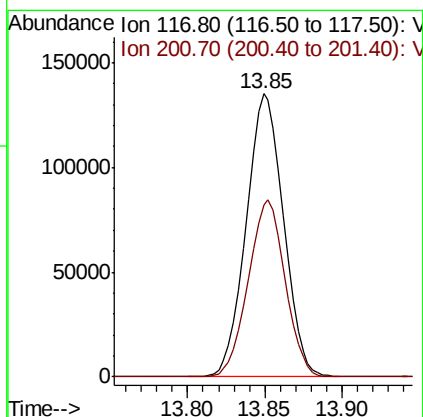
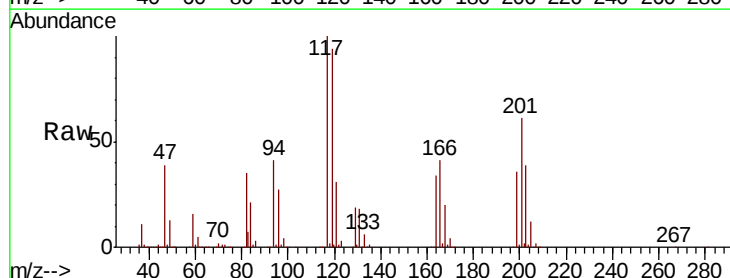
Acq: 31 Aug 2020 15:46

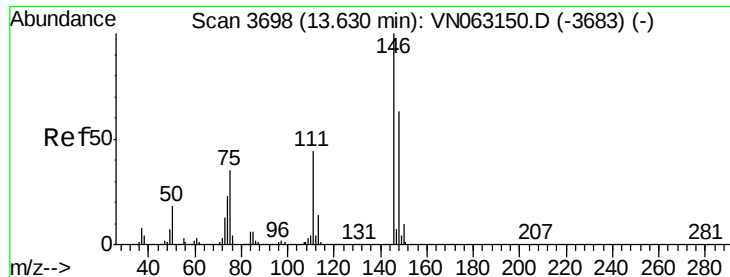
Tgt Ion: 117 Resp: 227256

Ion Ratio Lower Upper

117 100

201 61.6 30.6 92.0

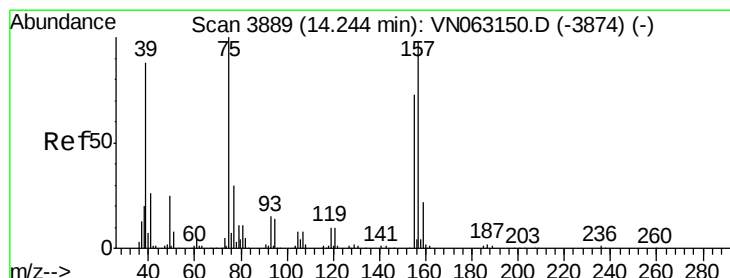
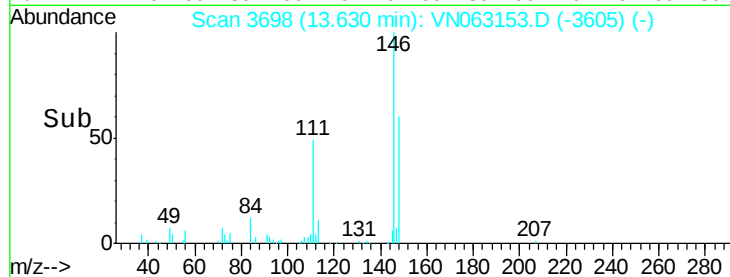
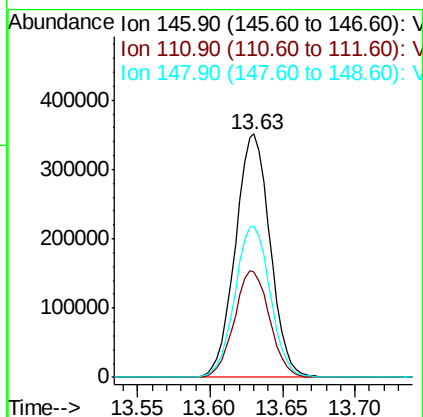
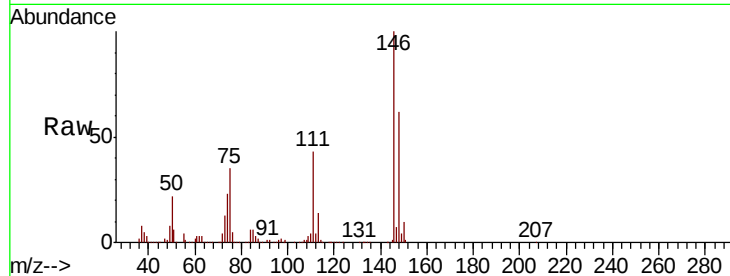




#91
 1,2-Dichlorobenzene
 Concen: 51.598 ug/l
 RT: 13.63 min Scan# 3698
 Delta R.T. 0.00 min
 Lab File: VN063153.D
 Acq: 31 Aug 2020 15:46

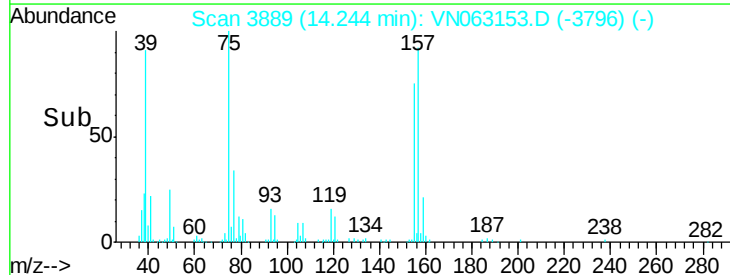
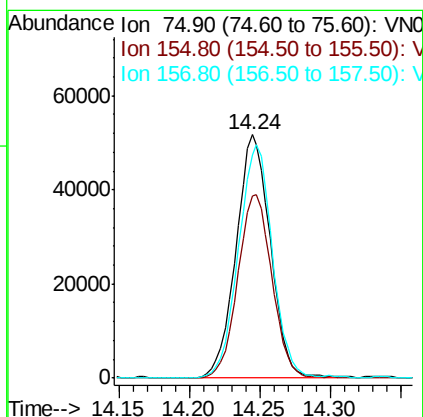
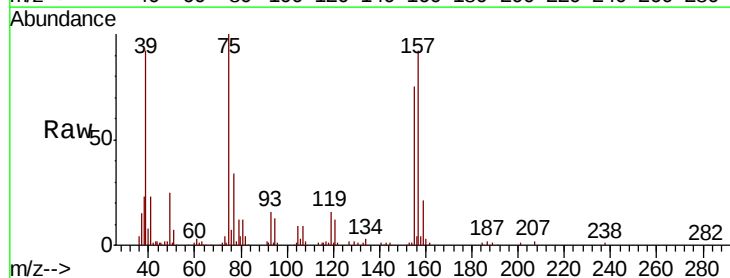
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN083120

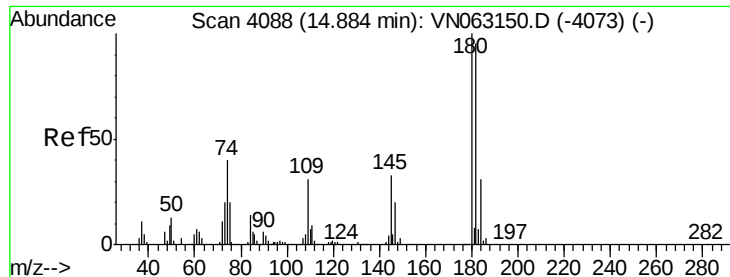
Tot Ion	Ratio	Lower	Upper
146	100		
111	44.5	22.0	66.0
148	63.2	31.6	95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.418 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063153.D
 Acq: 31 Aug 2020 15:46

Tgt Ion	Ratio	Lower	Upper
75	100		
155	74.9	36.1	108.5
157	94.8	48.4	145.0

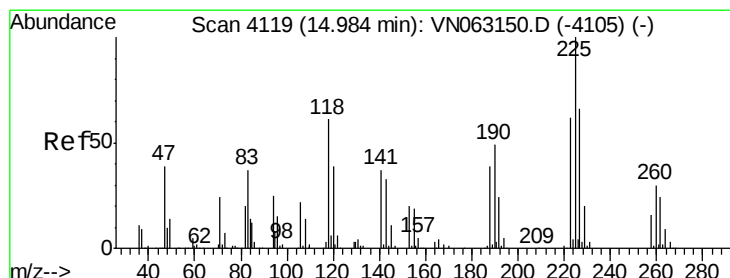
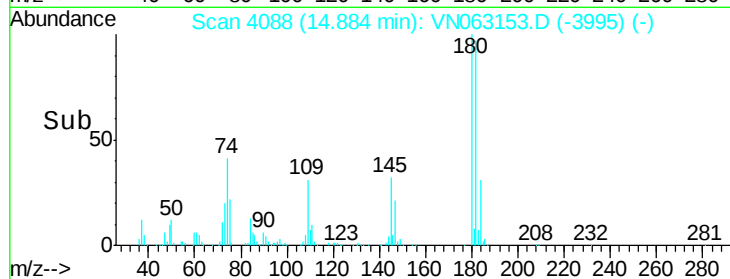
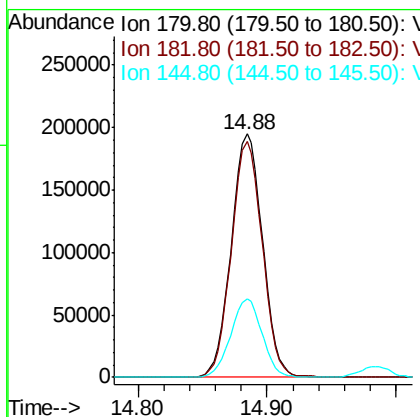
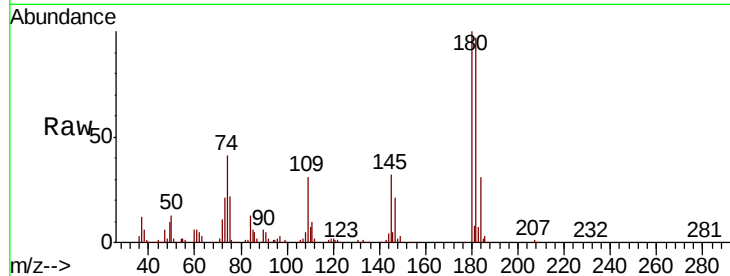




#93
 1,2,4-Trichlorobenzene
 Concen: 51.829 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063153.D
 Acq: 31 Aug 2020 15:46

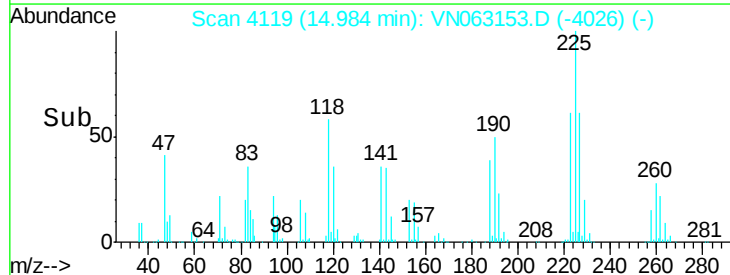
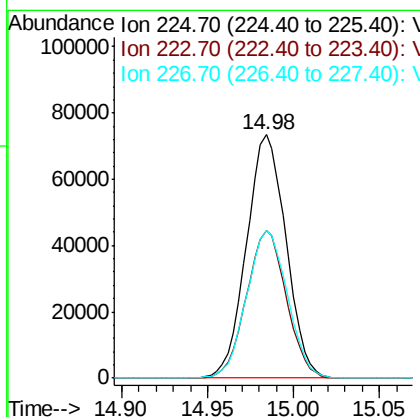
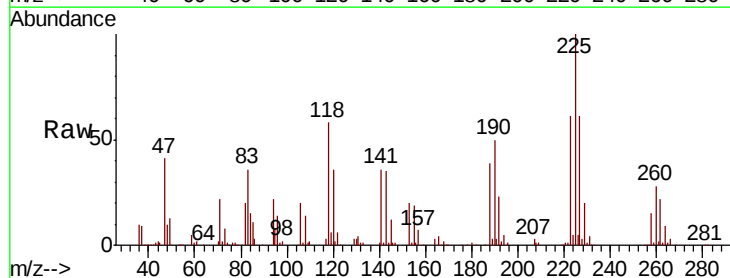
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN083120

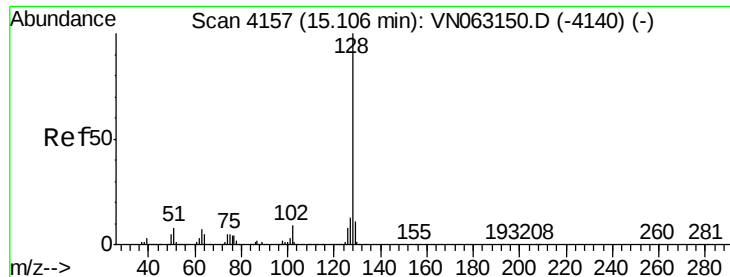
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.5	142.5
145	32.3	16.6	49.8



#94
 Hexachlorobutadiene
 Concen: 49.593 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN063153.D
 Acq: 31 Aug 2020 15:46

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.1	30.9	92.7
227	62.7	32.9	98.7





#95

Naphthalene

Concen: 53.628 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. 0.00 min

Lab File: VN063153.D

Acq: 31 Aug 2020 15:46

Instrument :

MSVOA_N

ClientSampleId :

ICVVN083120

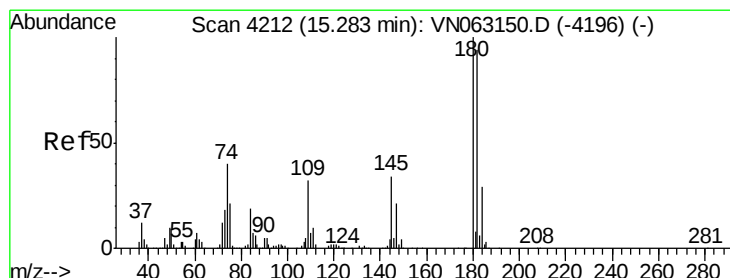
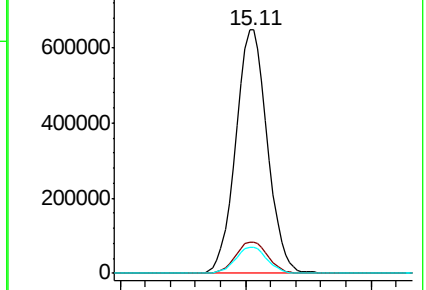
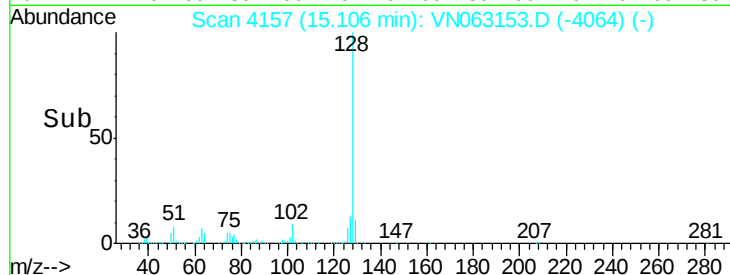
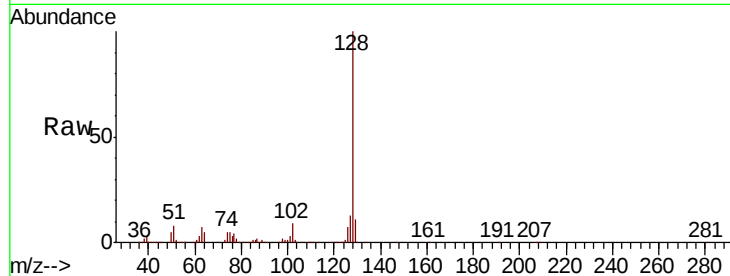
Tot Ion:128 Resp: 1133719

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

129 10.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 50.537 ug/l

RT: 15.29 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN063153.D

Acq: 31 Aug 2020 15:46

Tgt Ion:180 Resp: 311983

Ion Ratio Lower Upper

180 100

182 94.6 47.5 142.5

145 34.2 17.3 52.0

