

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090120\
 Data File : VN063155.D
 Acq On : 1 Sep 2020 15:00
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 02 04:00:08 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	7.62	168	502716	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	898484	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	830633	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	410032	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	372486	45.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.66%	
35) Dibromofluoromethane	7.55	113	275551	47.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.60%	
50) Toluene-d8	10.06	98	1062266	47.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.76%	
62) 4-Bromofluorobenzene	12.38	95	387989	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	245857	49.659	ug/l	97
3) Chloromethane	2.04	50	326913	45.346	ug/l	97
4) Vinyl Chloride	2.16	62	388954	48.842	ug/l	99
5) Bromomethane	2.53	94	351289	52.404	ug/l	99
6) Chloroethane	2.67	64	322907	50.998	ug/l	99
7) Trichlorofluoromethane	2.98	101	724556	67.285	ug/l	96
8) Diethyl Ether	3.37	74	175586	46.083	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	284207	52.506	ug/l	98
10) Methyl Iodide	3.91	142	304918	41.303	ug/l	98
11) Tert butyl alcohol	4.73	59	253800	251.599	ug/l	100
12) 1,1-Dichloroethene	3.69	96	269517	48.865	ug/l	99
13) Acrolein	3.57	56	46718	129.742	ug/l	96
14) Allyl chloride	4.27	41	499988	51.042	ug/l	96
15) Acrylonitrile	4.93	53	685242	242.582	ug/l	99
16) Acetone	3.77	43	687248	294.183	ug/l	99
17) Carbon Disulfide	4.01	76	792782	48.291	ug/l	100
18) Methyl Acetate	4.27	43	302535	50.507	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	1007752	49.252	ug/l	98
20) Methylene Chloride	4.50	84	321622	48.951	ug/l	96
21) trans-1,2-Dichloroethene	4.98	96	312479	51.280	ug/l	98
22) Diisopropyl ether	5.90	45	1107495	50.452	ug/l	96
23) Vinyl Acetate	5.84	43	4589671	262.038	ug/l	99
24) 1,1-Dichloroethane	5.79	63	592814	48.988	ug/l	100
25) 2-Butanone	6.78	43	1002795	277.225	ug/l	99
26) 2,2-Dichloropropane	6.77	77	565365	51.565	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	361751	48.841	ug/l	100
28) Bromochloromethane	7.15	49	294280	46.546	ug/l	98
29) Tetrahydrofuran	7.16	42	622119	248.731	ug/l	97
30) Chloroform	7.33	83	630846	49.827	ug/l	100
31) Cyclohexane	7.61	56	527678	49.463	ug/l	99
32) 1,1,1-Trichloroethane	7.52	97	571760	52.407	ug/l	98
36) 1,1-Dichloropropene	7.75	75	469315	54.334	ug/l	98
37) Ethyl Acetate	6.87	43	426953	52.329	ug/l #	96
38) Carbon Tetrachloride	7.73	117	479843	54.779	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	543125	55.971	ug/l	100
40) Benzene	8.00	78	1374619	54.156	ug/l	98
41) Methacrylonitrile	7.12	41	205721	56.535	ug/l	97
42) 1,2-Dichloroethane	8.08	62	515885	54.409	ug/l	100
43) Isopropyl Acetate	8.12	43	767568	54.489	ug/l #	92
44) Trichloroethene	8.80	130	350488	56.928	ug/l	100
45) 1,2-Dichloropropane	9.08	63	353145	52.548	ug/l	97
46) Dibromomethane	9.17	93	242087	54.357	ug/l	99
47) Bromodichloromethane	9.37	83	519486	54.418	ug/l	98
48) Methyl methacrylate	9.16	41	348430	54.868	ug/l	95
49) 1,4-Dioxane	9.16	88	107175	1091.174	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	2171415	283.668	ug/l	99
52) Toluene	10.12	92	880792	55.705	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	567703	54.367	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	603406	55.051	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	327219	54.037	ug/l	99
56) Ethyl methacrylate	10.40	69	508853	55.217	ug/l	99
57) 1,3-Dichloropropane	10.68	76	576838	53.472	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	1084510	227.261	ug/l	99
59) 2-Hexanone	10.72	43	1633473	303.639	ug/l	99
60) Dibromochloromethane	10.87	129	378970	56.607	ug/l	99
61) 1,2-Dibromoethane	10.98	107	346639	55.067	ug/l	96
64) Tetrachloroethene	10.60	164	351500	58.929	ug/l	98
65) Chlorobenzene	11.41	112	907362	54.236	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	344104	55.398	ug/l	100
67) Ethyl Benzene	11.49	91	1736573	56.899	ug/l	99
68) m/p-Xylenes	11.59	106	1288630	114.000	ug/l	99
69) o-Xylene	11.92	106	614055	56.233	ug/l	97
70) Styrene	11.94	104	1059659	56.464	ug/l	99
71) Bromoform	12.10	173	239643	56.850	ug/l #	97
73) Isopropylbenzene	12.23	105	1681900	53.480	ug/l	99
74) N-amyl acetate	12.04	43	691395	53.076	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	442736	48.830	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	622335	77.249	ug/l #	100
77) Bromobenzene	12.50	156	374766	52.691	ug/l	95
78) n-propylbenzene	12.57	91	2001986	55.012	ug/l	100
79) 2-Chlorotoluene	12.65	91	1141832	52.386	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	1437552	54.917	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.28	75	161134	48.342	ug/l	96
82) 4-Chlorotoluene	12.75	91	1226157	54.241	ug/l	99
83) tert-Butylbenzene	12.97	119	1180394	52.579	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	1457165	55.226	ug/l	98
85) sec-Butylbenzene	13.15	105	1648091	56.328	ug/l	100
86) p-Isopropyltoluene	13.27	119	1482689	57.078	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	711113	54.424	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	724520	53.552	ug/l	98
89) n-Butylbenzene	13.59	91	1375501	57.317	ug/l	99
90) Hexachloroethane	13.85	117	246325	51.226	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	701461	55.322	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	99708	50.020	ug/l	97

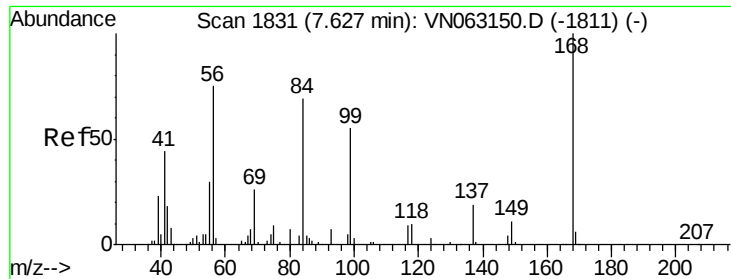
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090120\
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Quant Title : SW846 8260
QLast Update : Tue Sep 01 04:21:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	396777	56.011	ug/l	100
94) Hexachlorobutadiene	14.98	225	144481	54.597	ug/l	98
95) Naphthalene	15.11	128	1253915	53.055	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	368911	53.453	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN063155.D

Acq: 1 Sep 2020 15:00

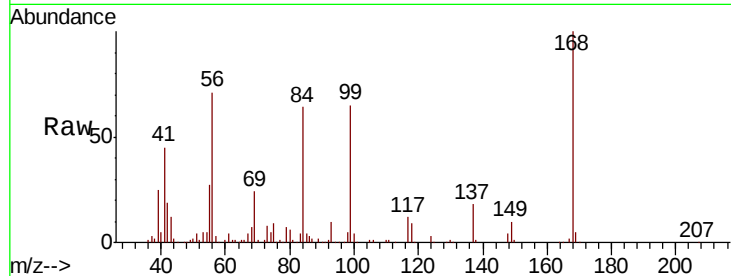
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 502716

Ion Ratio Lower Upper

168 100

99 64.7 54.2 81.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

200000

150000

100000

50000

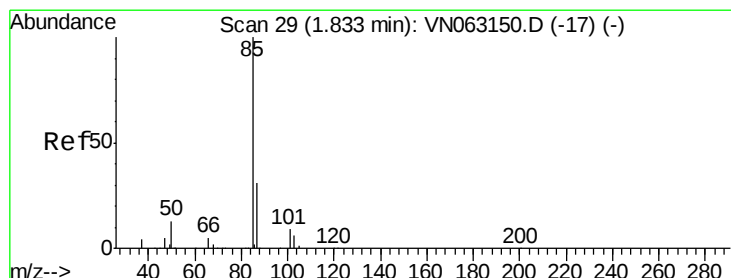
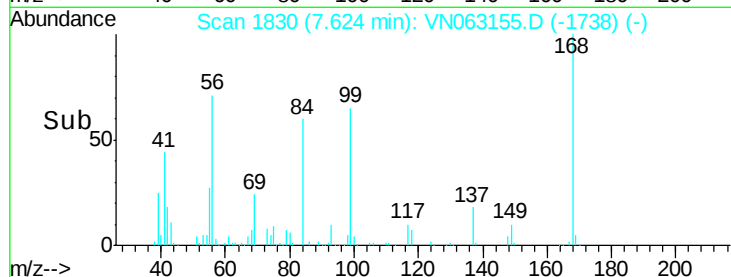
0

7.50

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 49.659 ug/l

RT: 1.83 min Scan# 29

Delta R.T. -0.00 min

Lab File: VN063155.D

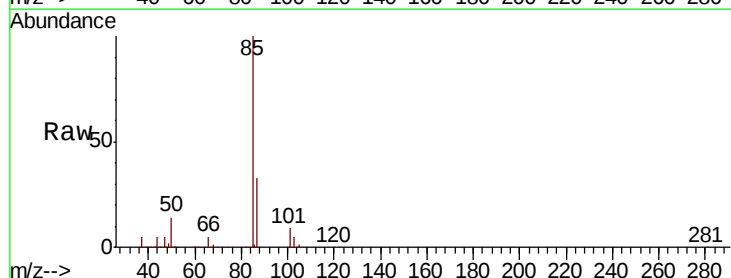
Acq: 1 Sep 2020 15:00

Tgt Ion: 85 Resp: 245857

Ion Ratio Lower Upper

85 100

87 32.9 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

200000

150000

100000

50000

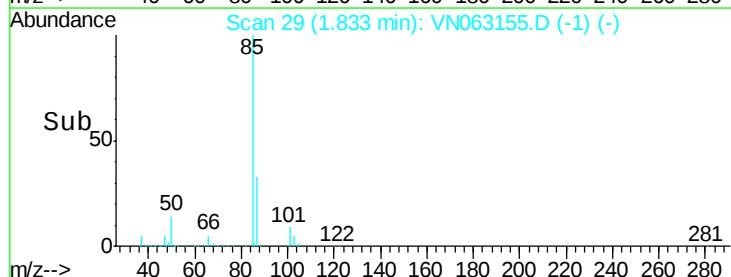
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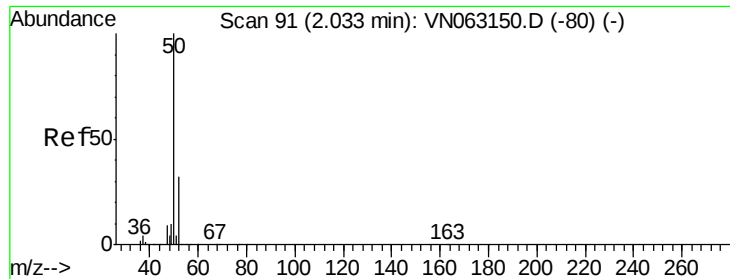
1.80

1.85

1.90

Time-->





#3

Chloromethane

Concen: 45.346 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063155.D

Acq: 1 Sep 2020 15:00

Instrument :

MSVOA_N

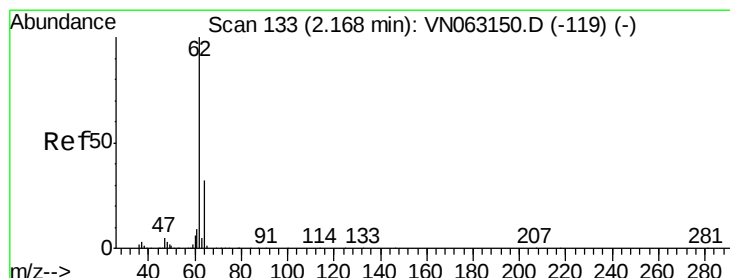
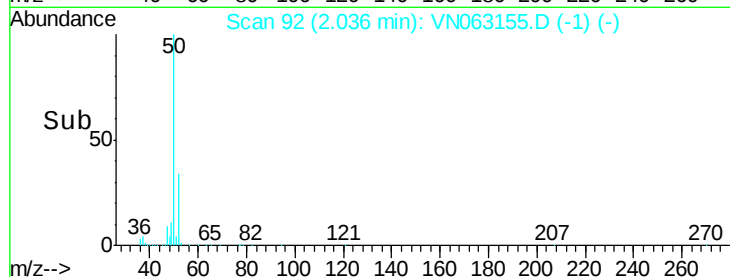
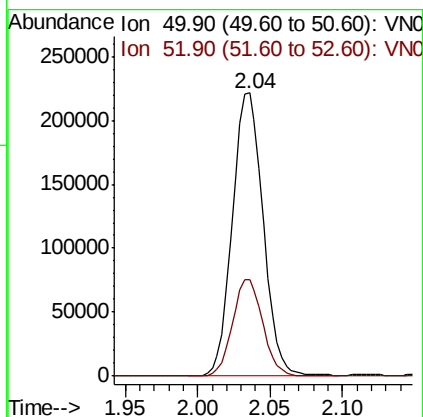
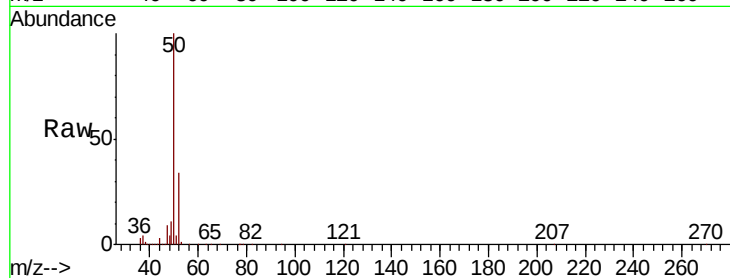
ClientSampleId :

Tot Ion: 50 Resp: 326913

Ion Ratio Lower Upper

50 100

52 34.1 25.8 38.6



#4

Vinyl Chloride

Concen: 48.842 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN063155.D

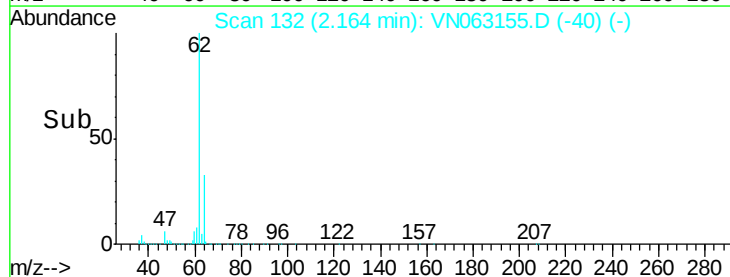
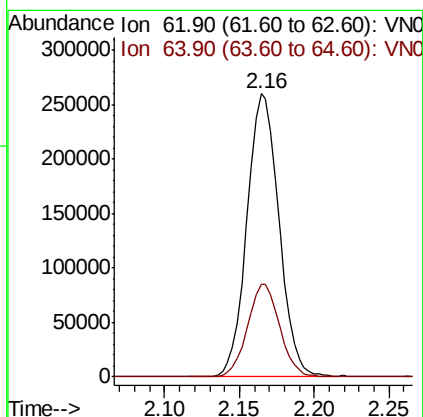
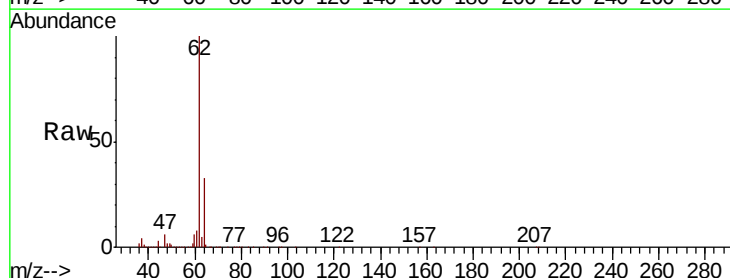
Acq: 1 Sep 2020 15:00

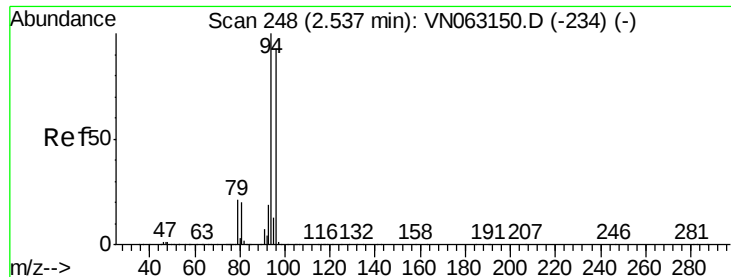
Tgt Ion: 62 Resp: 388954

Ion Ratio Lower Upper

62 100

64 32.7 25.8 38.8





#5

Bromomethane

Concen: 52.404 ug/l

RT: 2.53 min Scan# 247

Delta R.T. -0.00 min

Lab File: VN063155.D

Acq: 1 Sep 2020 15:00

Instrument :

MSVOA_N

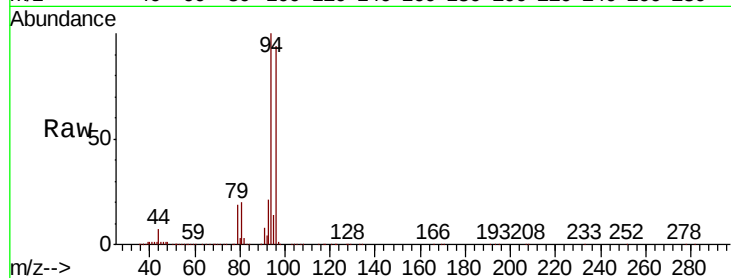
ClientSampled :

Tot Ion: 94 Resp: 351289

Ion Ratio Lower Upper

94 100

96 94.1 74.4 111.6



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO

2.53

200000

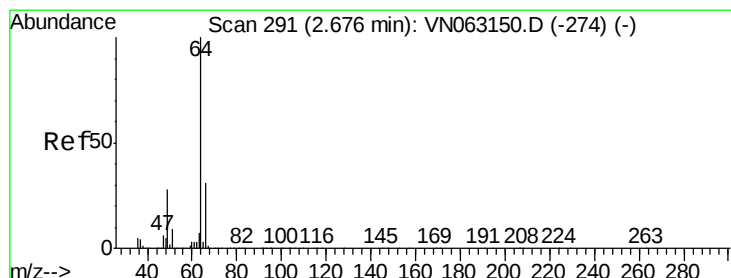
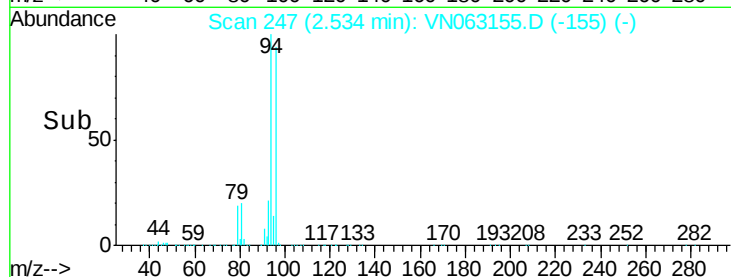
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 50.998 ug/l

RT: 2.67 min Scan# 290

Delta R.T. -0.00 min

Lab File: VN063155.D

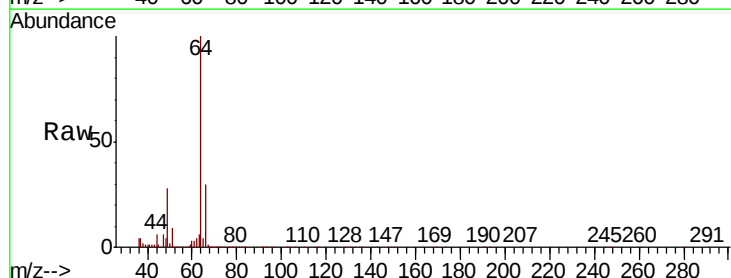
Acq: 1 Sep 2020 15:00

Tgt Ion: 64 Resp: 322907

Ion Ratio Lower Upper

64 100

66 30.3 24.7 37.1



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO

2.67

200000

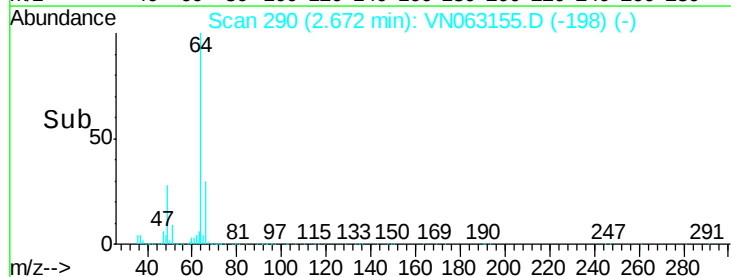
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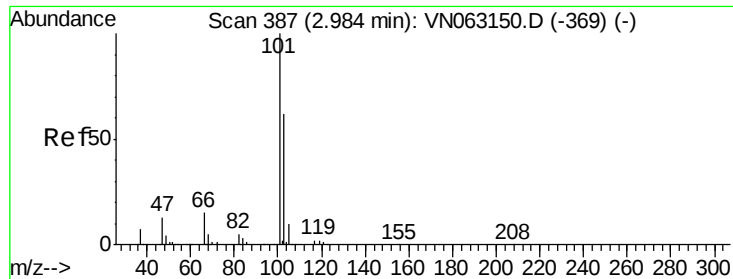
100000

50000

0

Time-->



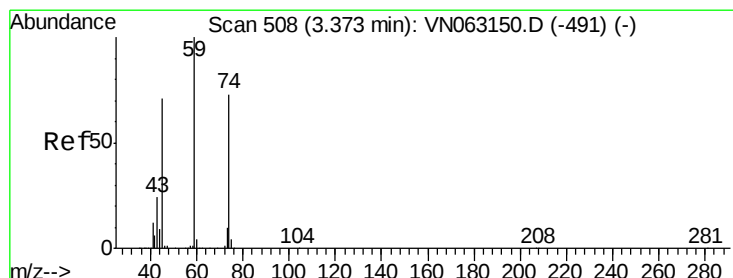
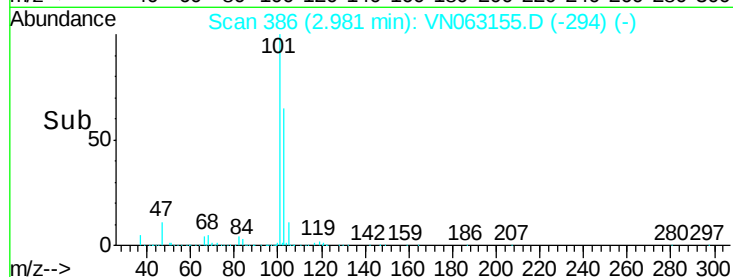
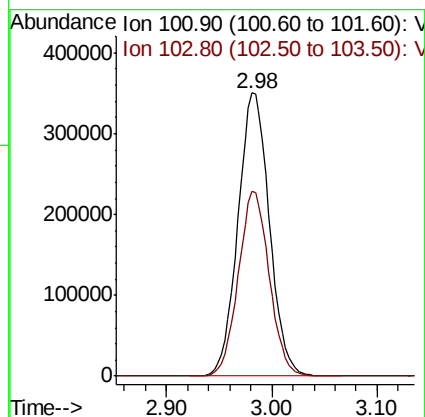
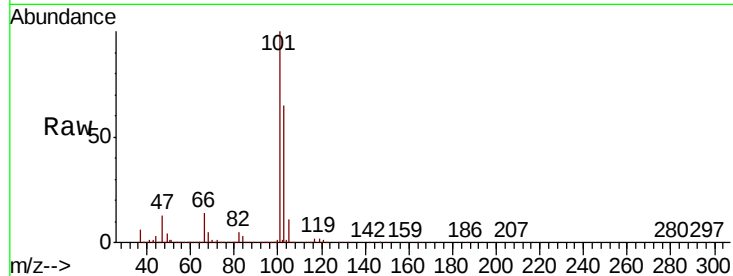


#7

Trichlorofluoromethane
 Concen: 67.285 ug/l
 RT: 2.98 min Scan# 386
 Delta R.T. -0.00 min
 Lab File: VN063155.D
 Acq: 1 Sep 2020 15:00

Instrument :
 MSVOA_N
 ClientSampleId :

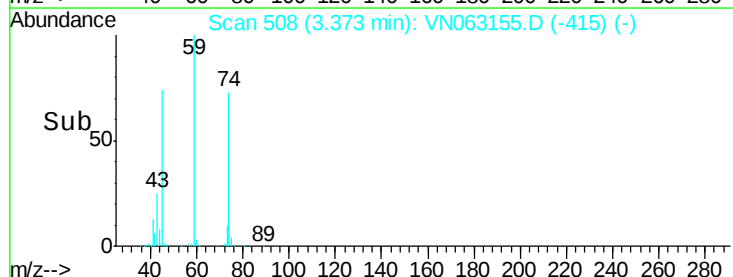
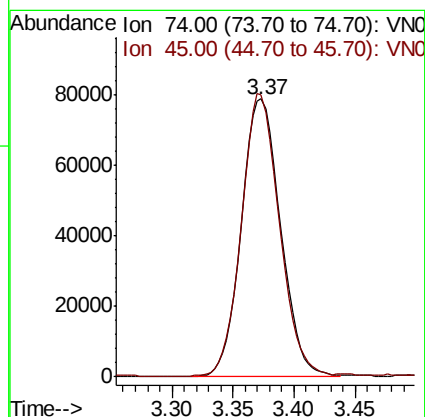
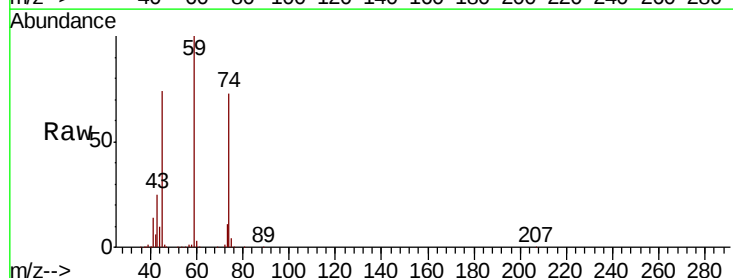
Tot Ion:101 Resp: 724556
 Ion Ratio Lower Upper
 101 100
 103 65.1 49.7 74.5

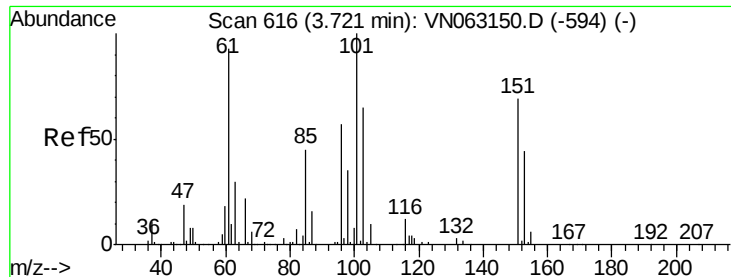


#8

Diethyl Ether
 Concen: 46.083 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN063155.D
 Acq: 1 Sep 2020 15:00

Tgt Ion: 74 Resp: 175586
 Ion Ratio Lower Upper
 74 100
 45 98.8 49.5 148.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.506 ug/l

RT: 3.72 min Scan# 616

Delta R.T. -0.00 min

Lab File: VN063155.D

Acq: 1 Sep 2020 15:00

Instrument :

MSVOA_N

ClientSampled :

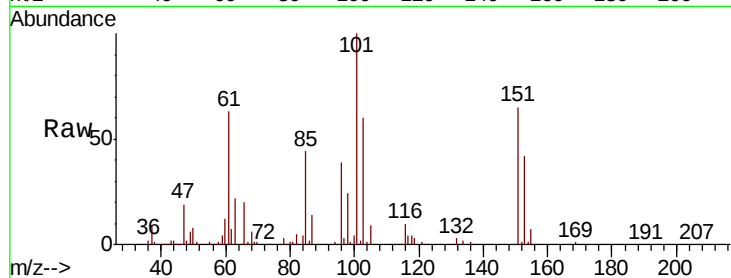
Tot Ion:101 Resp: 284207

Ion Ratio Lower Upper

101 100

85 45.4 37.8 56.8

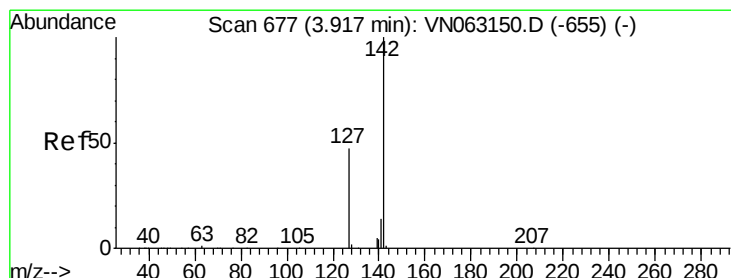
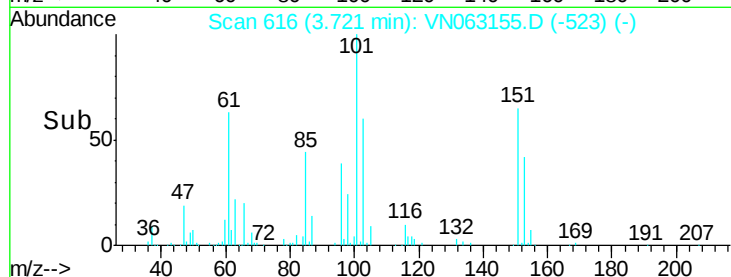
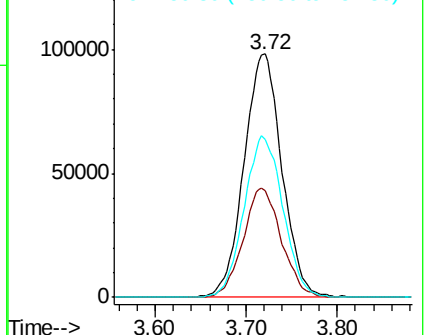
151 67.9 55.0 82.4



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: 41.303 ug/l

RT: 3.91 min Scan# 675

Delta R.T. -0.01 min

Lab File: VN063155.D

Acq: 1 Sep 2020 15:00

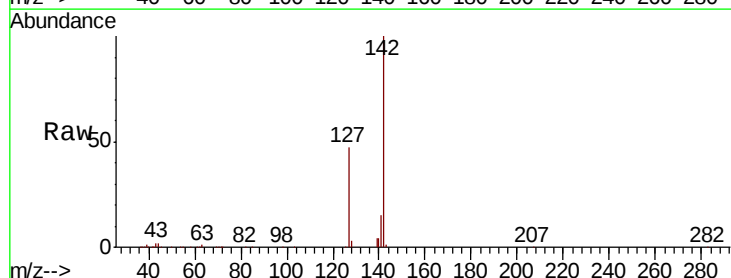
Tgt Ion:142 Resp: 304918

Ion Ratio Lower Upper

142 100

127 48.2 37.6 56.4

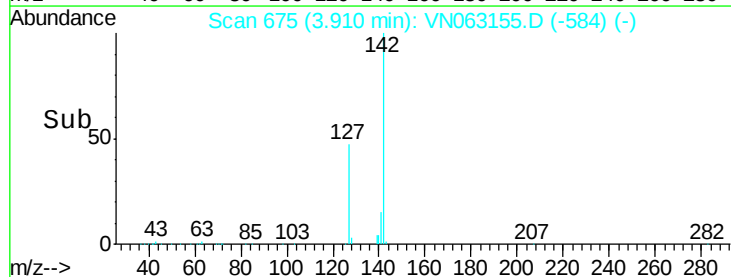
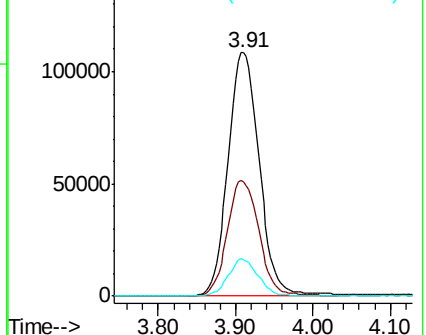
141 14.6 11.3 16.9

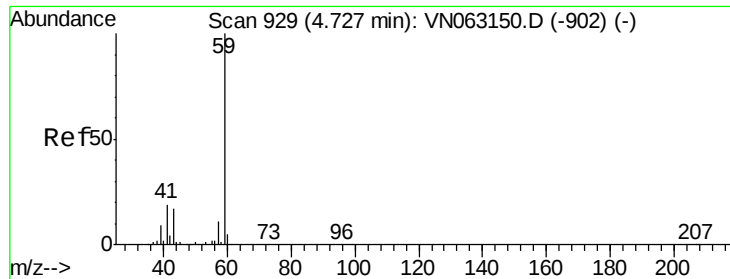


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

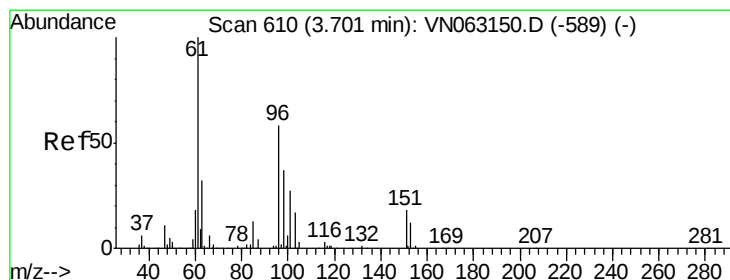
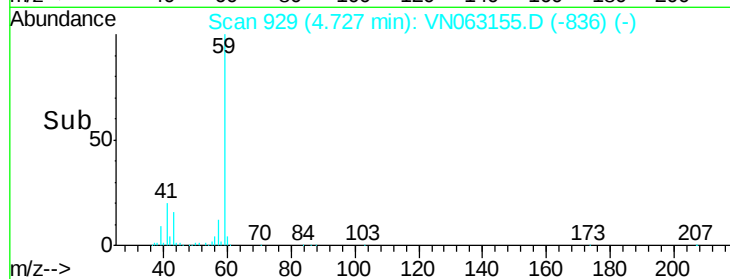
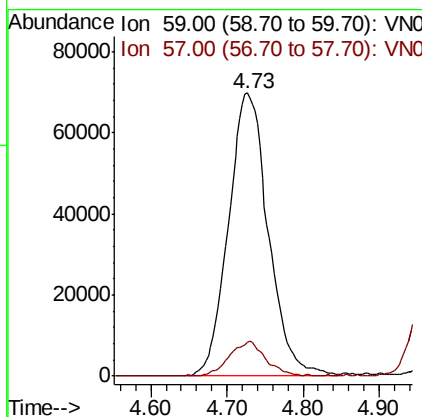
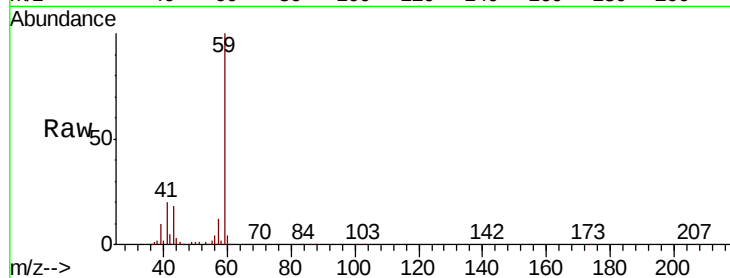




#11
Tert butyl alcohol
Concen: 251.599 ug/l
RT: 4.73 min Scan# 929
Delta R.T. -0.00 min
Lab File: VN063155.D
Acq: 1 Sep 2020 15:00

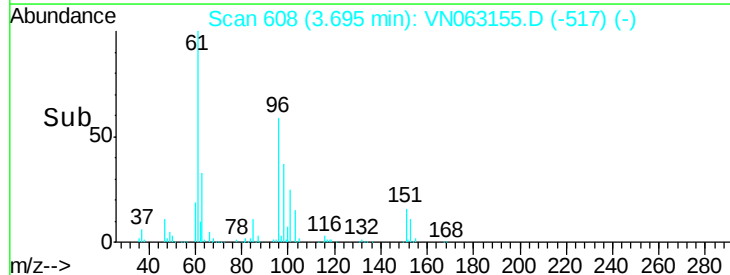
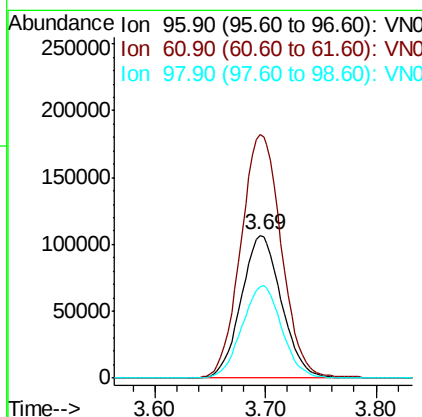
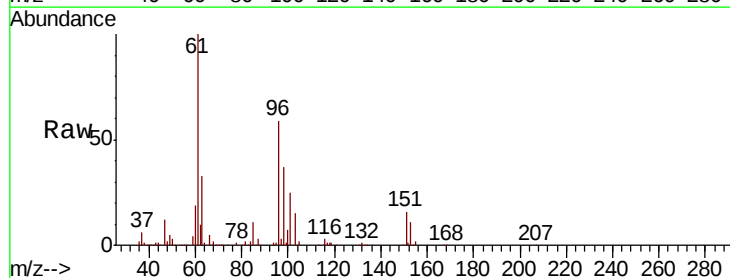
Instrument :
MSVOA_N
ClientSampleId :

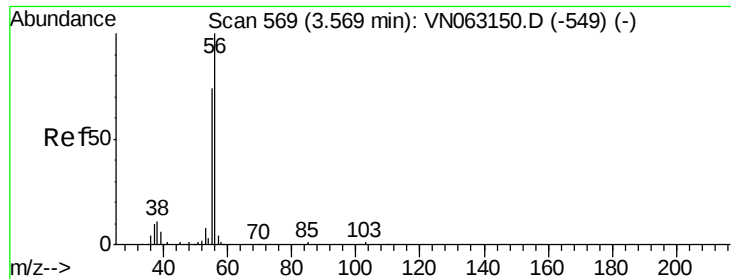
Tot Ion: 59 Resp: 253800
Ion Ratio Lower Upper
59 100
57 10.5 8.4 12.6



#12
1,1-Dichloroethene
Concen: 48.865 ug/l
RT: 3.69 min Scan# 608
Delta R.T. -0.01 min
Lab File: VN063155.D
Acq: 1 Sep 2020 15:00

Tgt Ion: 96 Resp: 269517
Ion Ratio Lower Upper
96 100
61 170.5 137.4 206.2
98 63.9 50.5 75.7

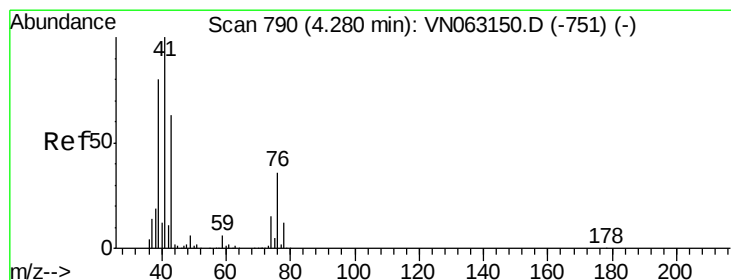
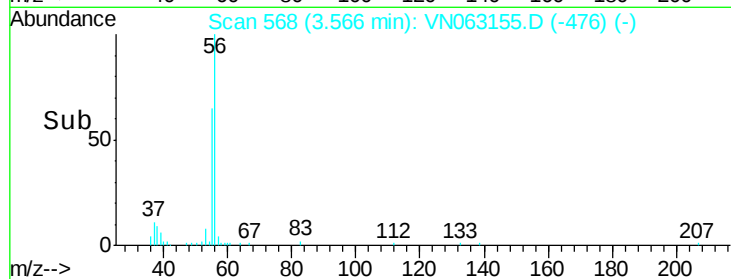
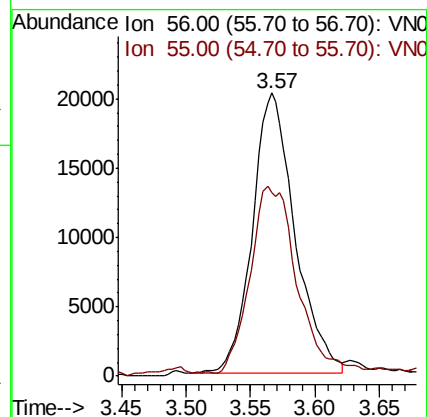
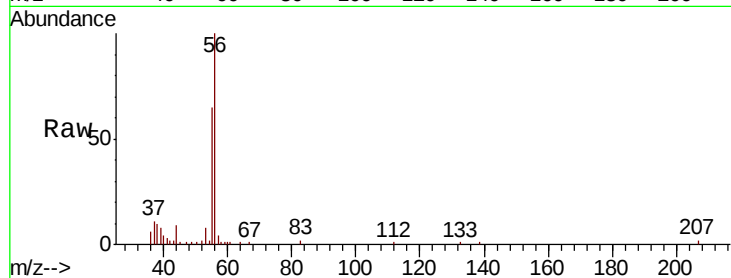




#13
Acrolein
Concen: 129.742 ug/l
RT: 3.57 min Scan# 568
Delta R.T. -0.00 min
Lab File: VN063155.D
Acq: 1 Sep 2020 15:00

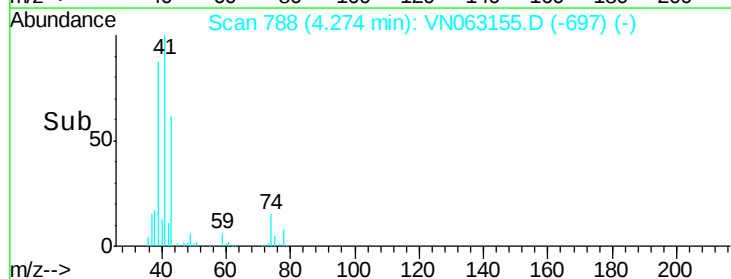
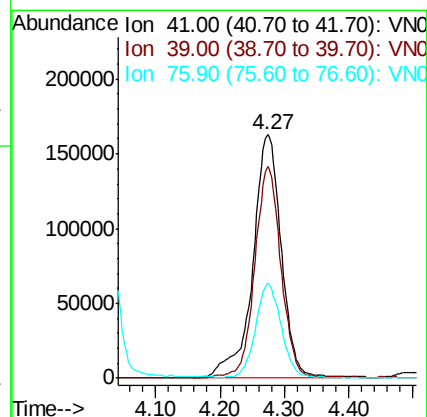
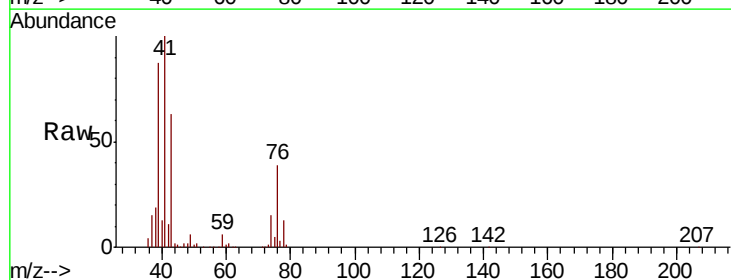
Instrument :
MSVOA_N
ClientSampleId :

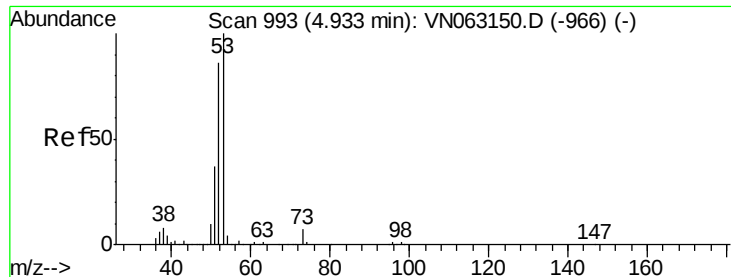
Tot Ion: 56 Resp: 46718
Ion Ratio Lower Upper
56 100
55 72.5 55.4 83.0



#14
Allyl chloride
Concen: 51.042 ug/l
RT: 4.27 min Scan# 788
Delta R.T. -0.01 min
Lab File: VN063155.D
Acq: 1 Sep 2020 15:00

Tgt Ion: 41 Resp: 499988
Ion Ratio Lower Upper
41 100
39 80.1 60.2 90.2
76 34.4 27.7 41.5





#15

Acrylonitrile

Concen: 242.582 ug/l

RT: 4.93 min Scan# 991

Delta R.T. -0.01 min

Lab File: VN063155.D

Acq: 1 Sep 2020 15:00

Instrument :
MSVOA_N
ClientSampled :

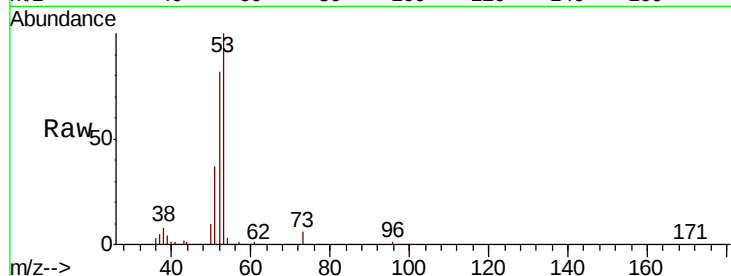
Tot Ion: 53 Resp: 685242

Ion Ratio Lower Upper

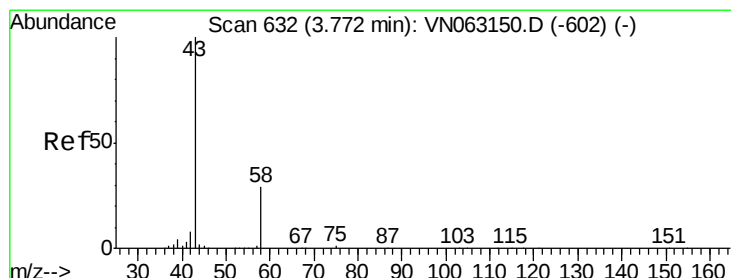
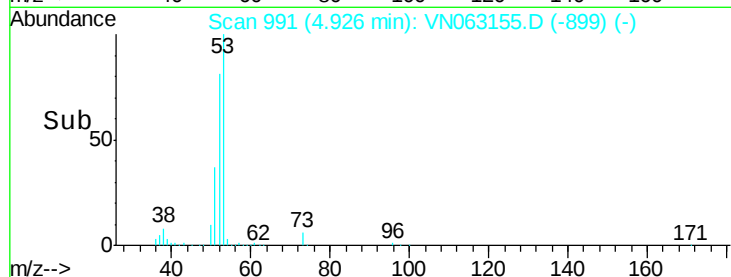
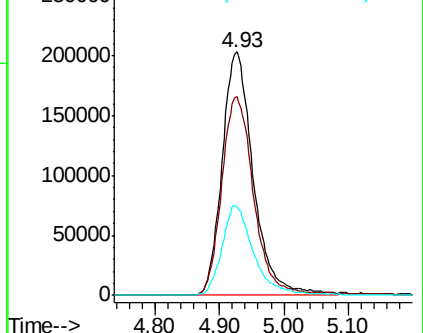
53 100

52 82.7 67.2 100.8

51 37.3 30.2 45.4



Abundance Ion 53.00 (52.70 to 53.70): VN0
Ion 52.00 (51.70 to 52.70): VN0
Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 294.183 ug/l

RT: 3.77 min Scan# 632

Delta R.T. -0.00 min

Lab File: VN063155.D

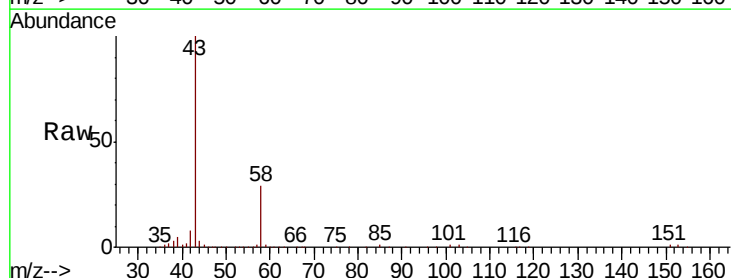
Acq: 1 Sep 2020 15:00

Tgt Ion: 43 Resp: 687248

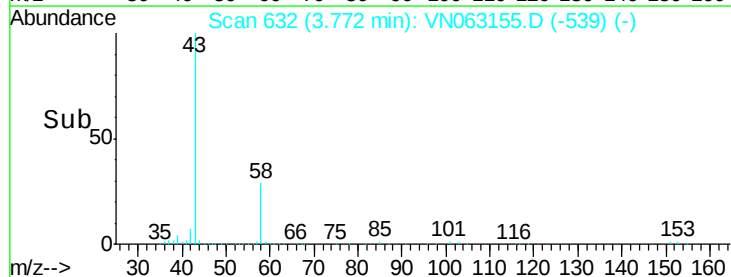
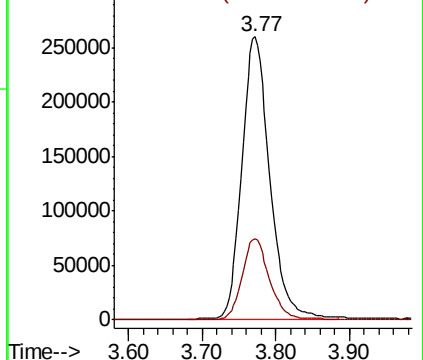
Ion Ratio Lower Upper

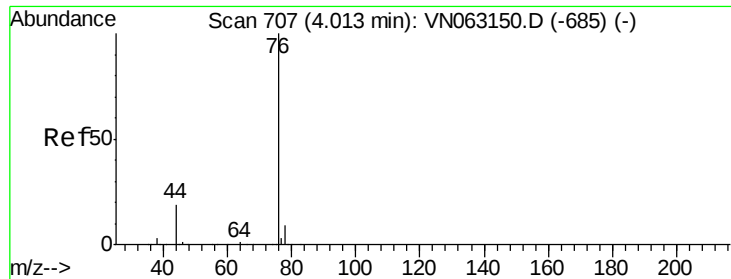
43 100

58 28.6 23.1 34.7



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





#17

Carbon Disulfide

Concen: 48.291 ug/l

RT: 4.01 min Scan# 706

Delta R.T. -0.00 min

Lab File: VN063155.D

Acq: 1 Sep 2020 15:00

Instrument :

MSVOA_N

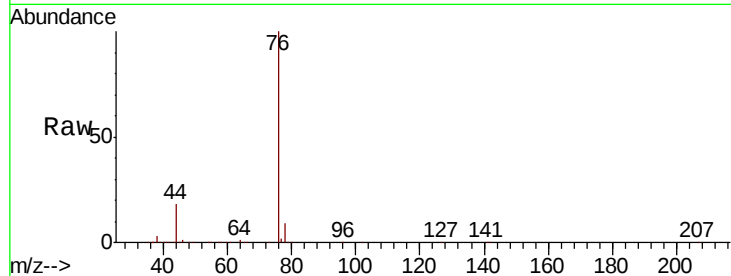
ClientSampleId :

Tot Ion: 76 Resp: 792782

Ion Ratio Lower Upper

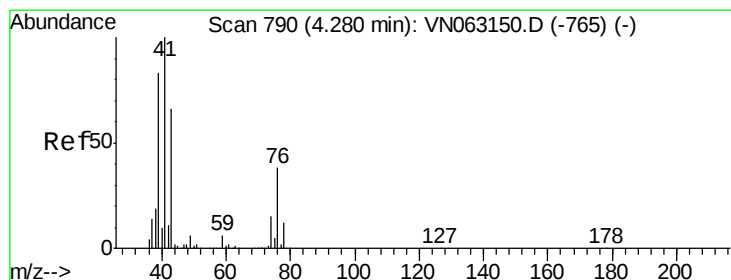
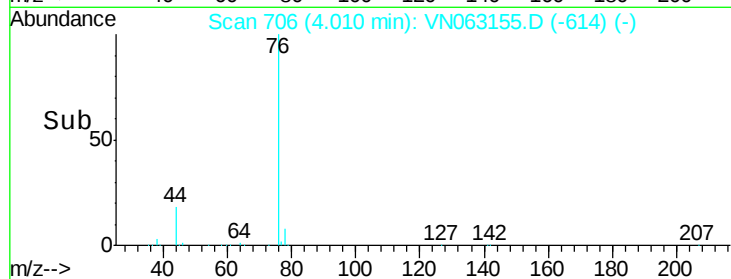
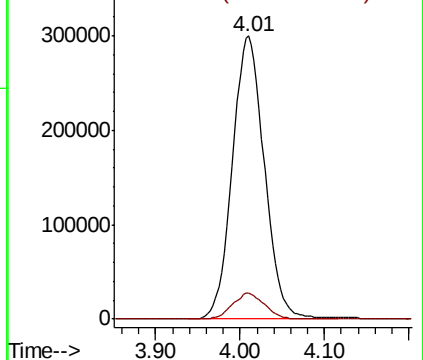
76 100

78 9.2 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 50.507 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.01 min

Lab File: VN063155.D

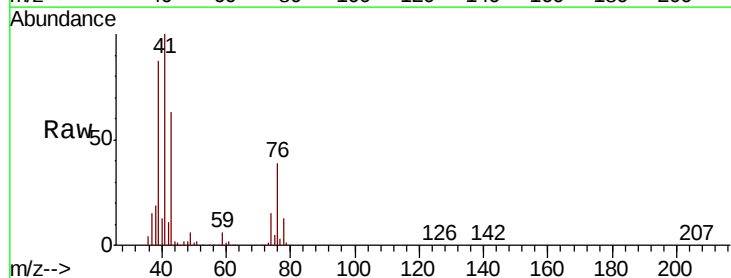
Acq: 1 Sep 2020 15:00

Tgt Ion: 43 Resp: 302535

Ion Ratio Lower Upper

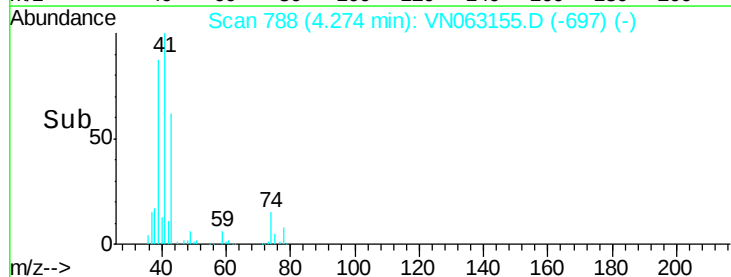
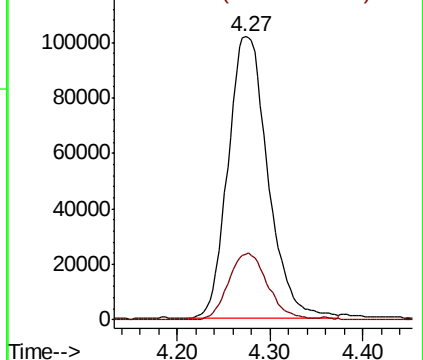
43 100

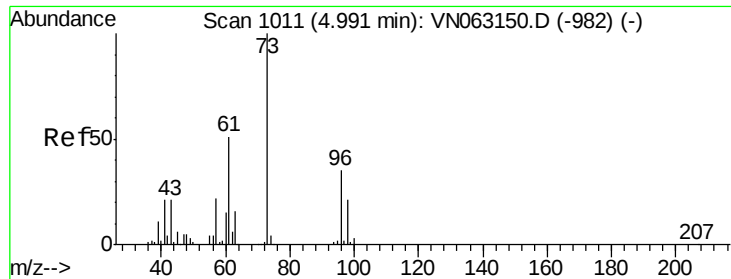
74 23.5 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

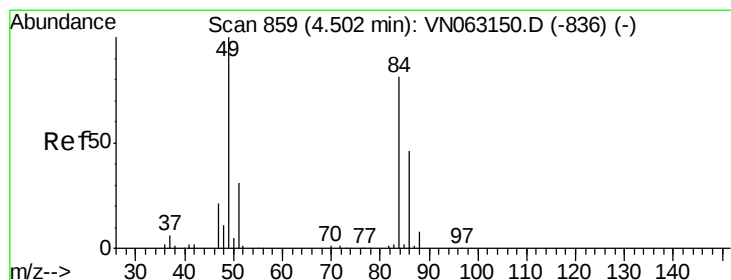
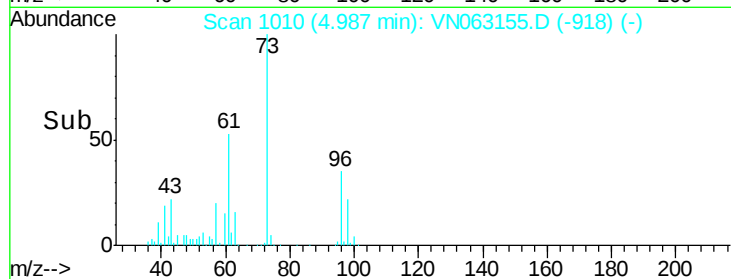
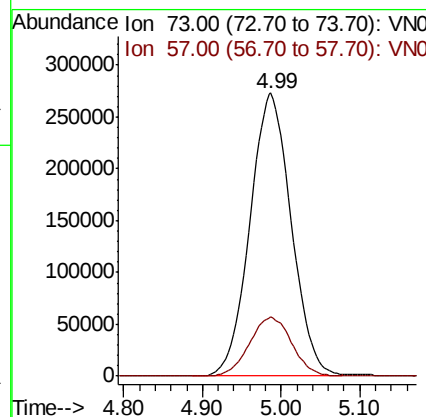
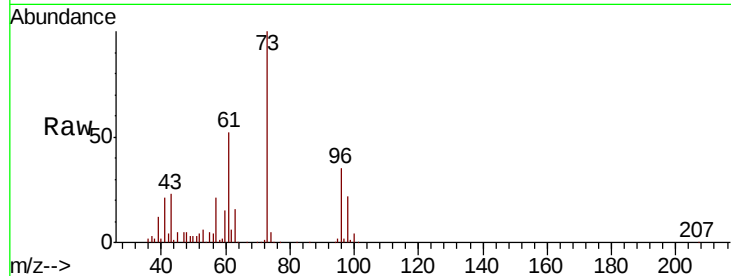




#19
Methvl tert-butvl Ether
Concen: 49.252 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VN063155.D
Acq: 1 Sep 2020 15:00

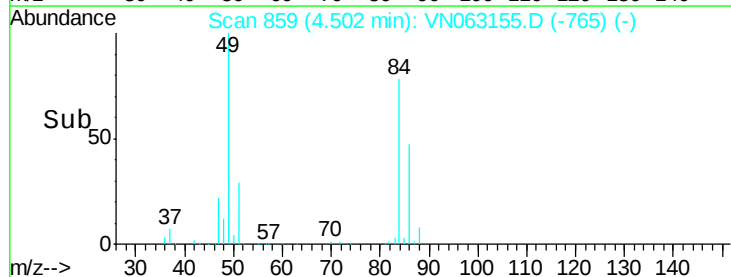
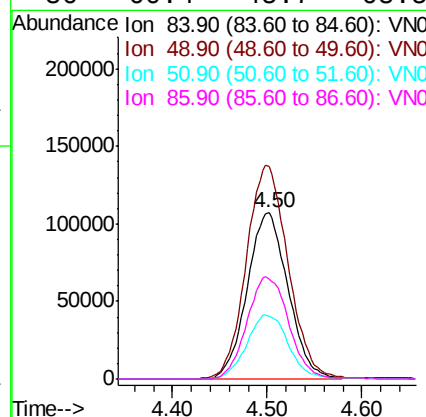
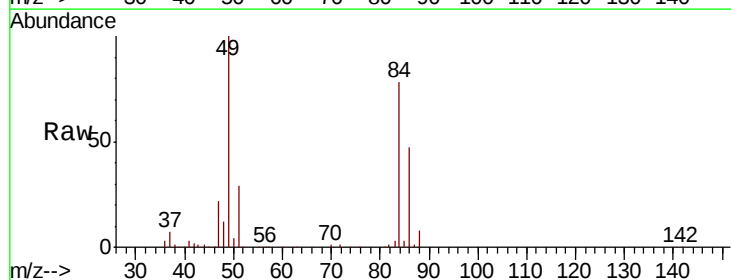
Instrument :
MSVOA_N
ClientSampleId :

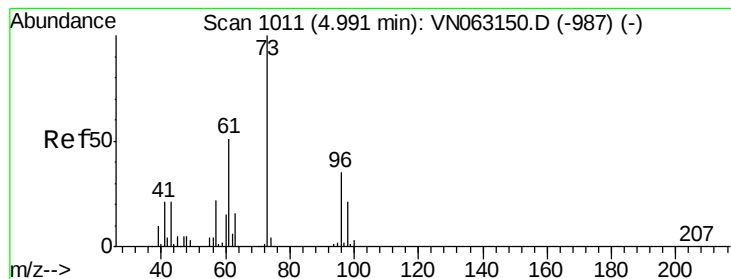
Tot Ion: 73 Resp: 1007752
Ion Ratio Lower Upper
73 100
57 21.0 17.6 26.4



#20
Methylene Chloride
Concen: 48.951 ug/l
RT: 4.50 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN063155.D
Acq: 1 Sep 2020 15:00

Tgt Ion: 84 Resp: 321622
Ion Ratio Lower Upper
84 100
49 128.1 98.4 147.6
51 37.8 30.4 45.6
86 60.4 45.7 68.5





#21

trans-1,2-Dichloroethene

Concen: 51.280 ug/l

RT: 4.98 min Scan# 1009

Delta R.T. -0.01 min

Lab File: VN063155.D

Acq: 1 Sep 2020 15:00

Instrument :

MSVOA_N

ClientSampled :

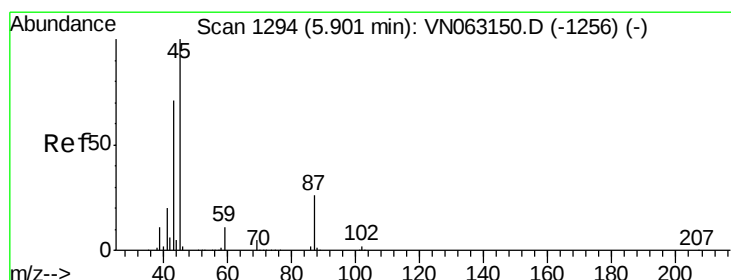
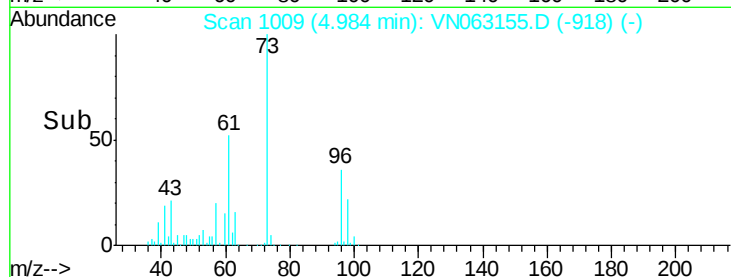
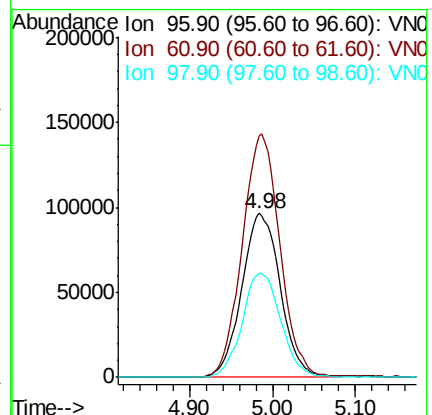
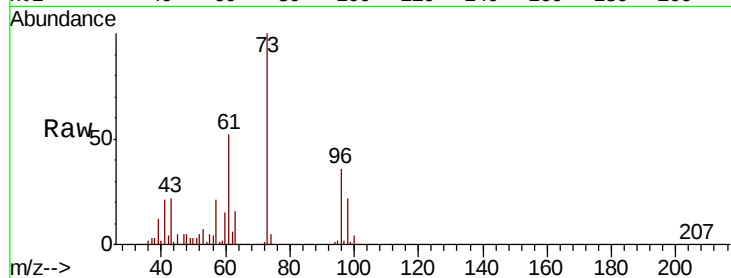
Tot Ion: 96 Resp: 312479

Ion Ratio Lower Upper

96 100

61 146.9 116.2 174.4

98 63.2 48.0 72.0



#22

Diisopropyl ether

Concen: 50.452 ug/l

RT: 5.90 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VN063155.D

Acq: 1 Sep 2020 15:00

Tgt Ion: 45 Resp: 1107495

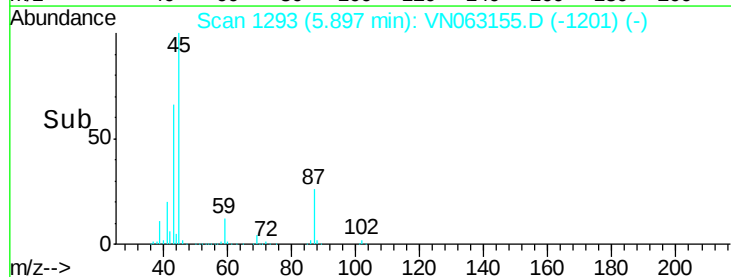
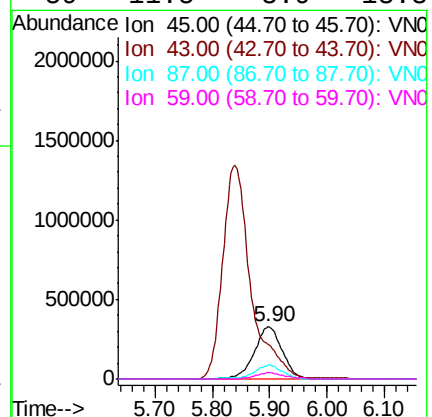
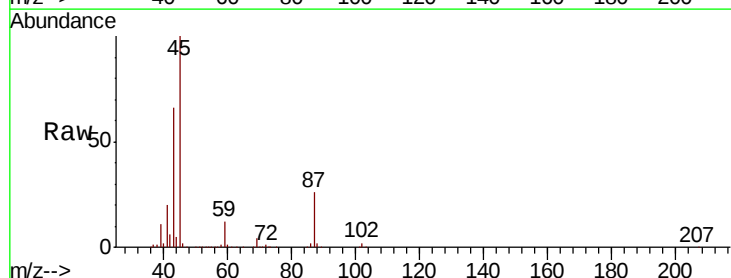
Ion Ratio Lower Upper

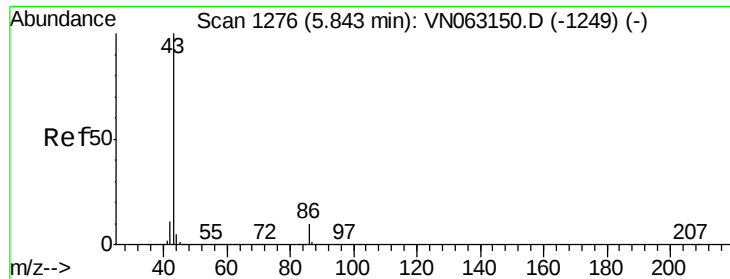
45 100

43 66.3 56.8 85.2

87 26.3 21.1 31.7

59 11.5 8.9 13.3





#23

Vinyl Acetate

Concen: 262.038 ug/l

RT: 5.84 min Scan# 1275

Delta R.T. -0.00 min

Lab File: VN063155.D

Acq: 1 Sep 2020 15:00

Instrument :

MSVOA_N

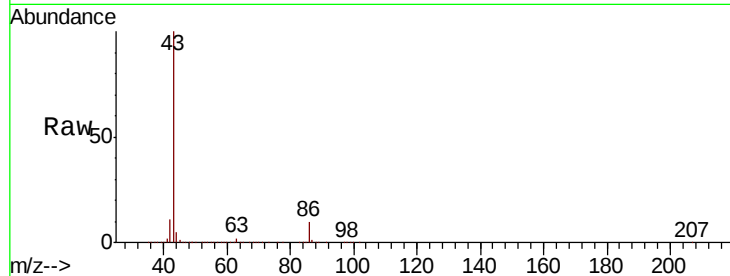
ClientSampled :

Tot Ion: 43 Resp: 4589671

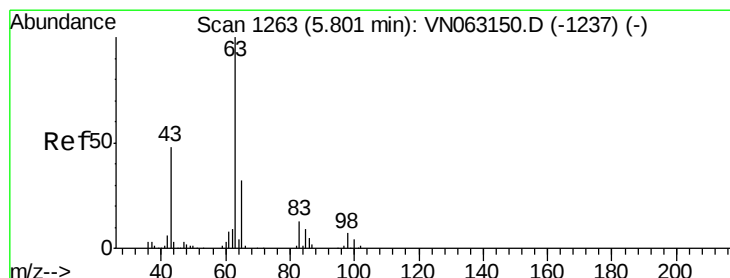
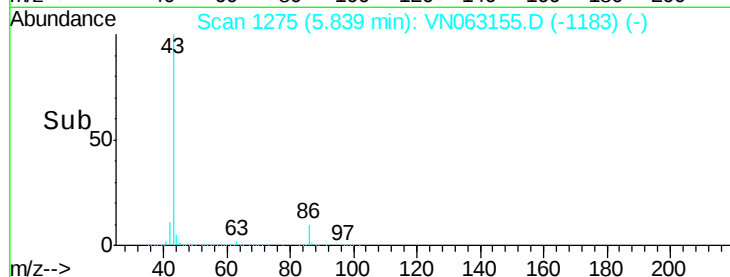
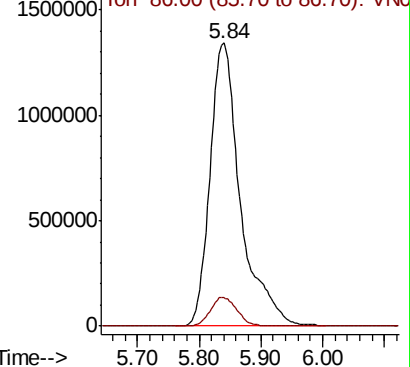
Ion Ratio Lower Upper

43 100

86 10.2 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VN063155.D (-1183) (-)



#24

1,1-Dichloroethane

Concen: 48.988 ug/l

RT: 5.79 min Scan# 1261

Delta R.T. -0.01 min

Lab File: VN063155.D

Acq: 1 Sep 2020 15:00

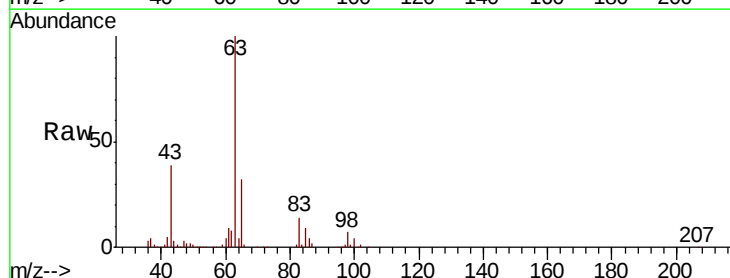
Tgt Ion: 63 Resp: 592814

Ion Ratio Lower Upper

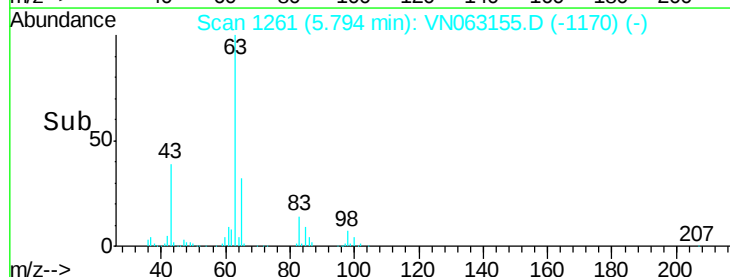
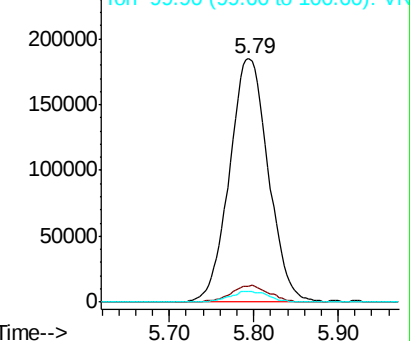
63 100

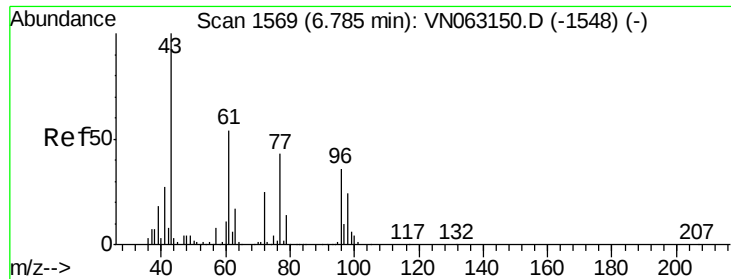
98 6.7 3.4 10.1

100 4.4 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VN063155.D (-1170) (-)





#25

2-Butanone

Concen: 277.225 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VN063155.D

Acq: 1 Sep 2020 15:00

Instrument :

MSVOA_N

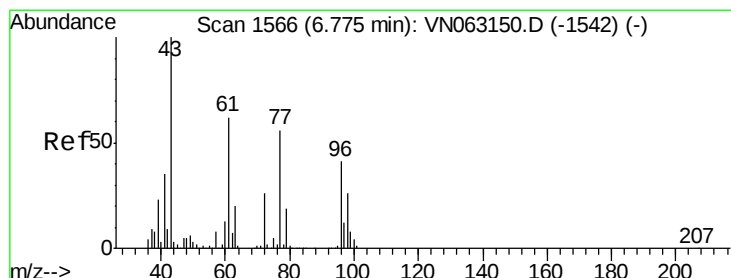
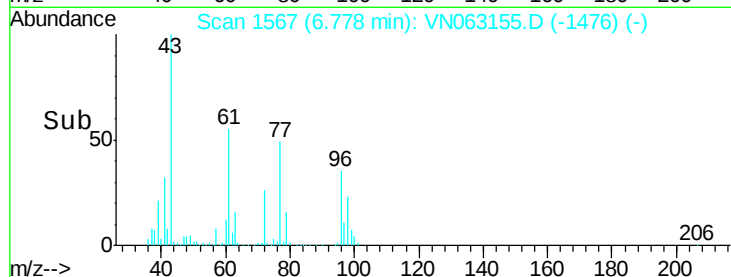
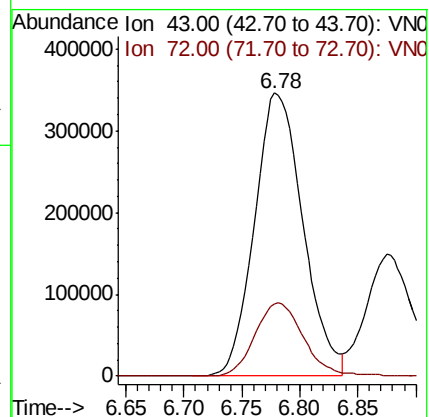
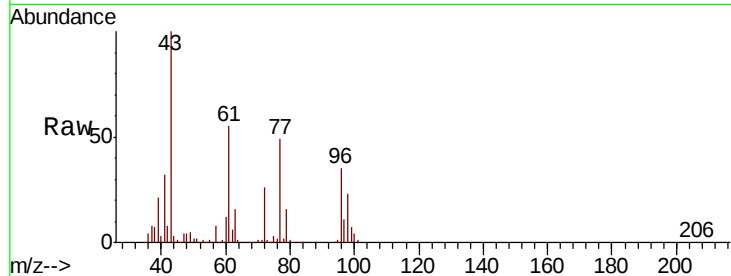
ClientSampled :

Tot Ion: 43 Resp: 1002795

Ion Ratio Lower Upper

43 100

72 25.7 20.2 30.4



#26

2,2-Dichloropropane

Concen: 51.565 ug/l

RT: 6.77 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VN063155.D

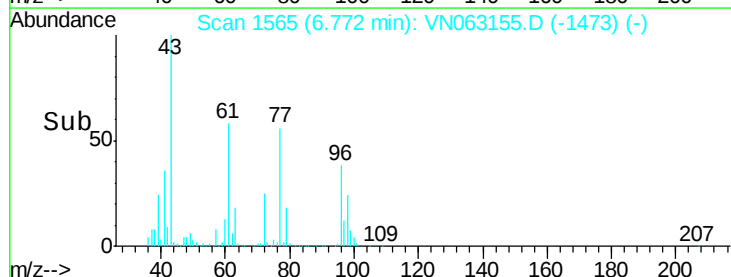
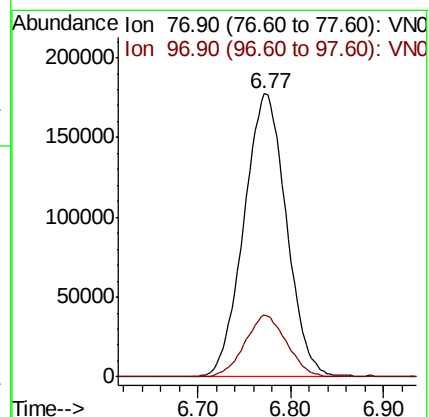
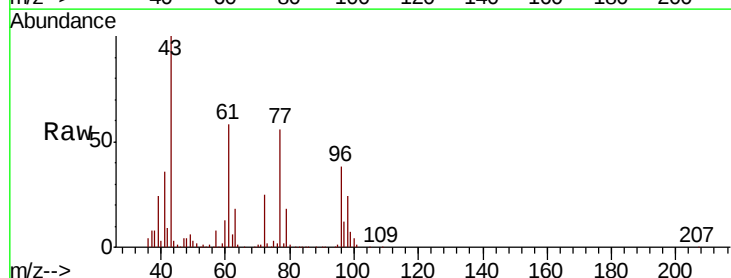
Acq: 1 Sep 2020 15:00

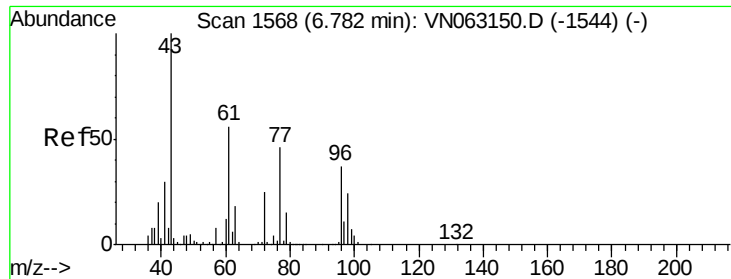
Tgt Ion: 77 Resp: 565365

Ion Ratio Lower Upper

77 100

97 21.5 10.7 31.9





#27

cis-1,2-Dichloroethene

Concen: 48.841 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.01 min

Lab File: VN063155.D

Acq: 1 Sep 2020 15:00

Instrument :
MSVOA_N
ClientSampled :

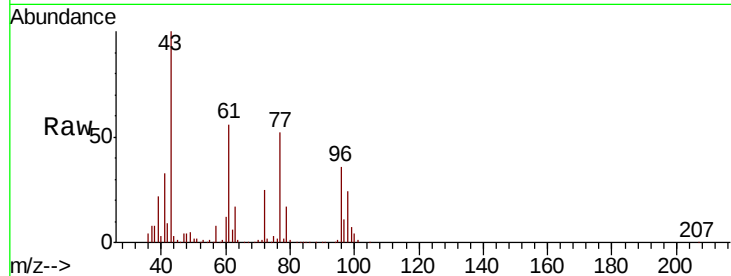
Tot Ion: 96 Resp: 361751

Ion Ratio Lower Upper

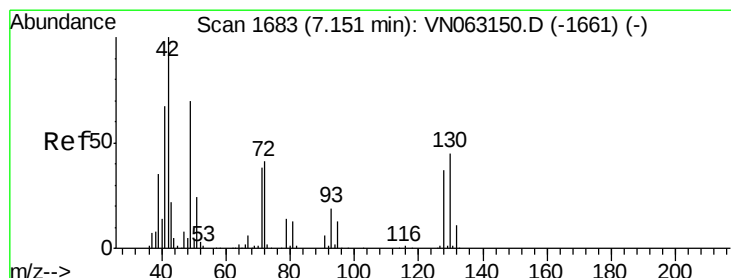
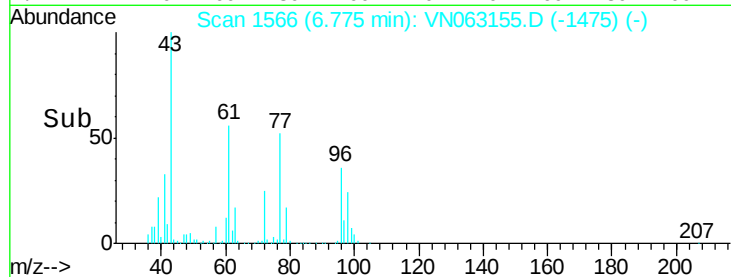
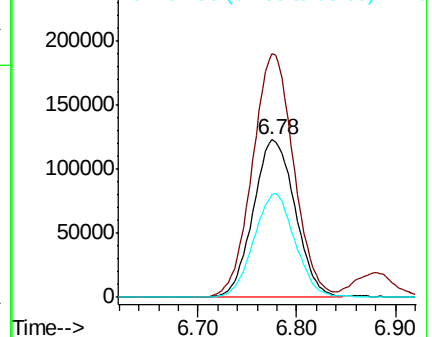
96 100

61 152.0 0.0 303.2

98 65.0 0.0 129.0



Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 46.546 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VN063155.D

Acq: 1 Sep 2020 15:00

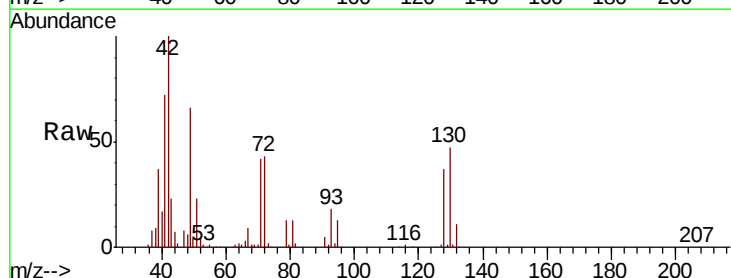
Tgt Ion: 49 Resp: 294280

Ion Ratio Lower Upper

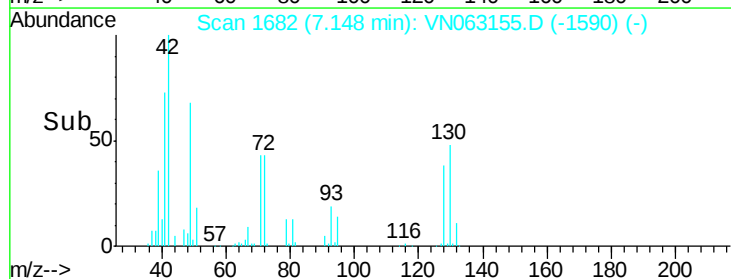
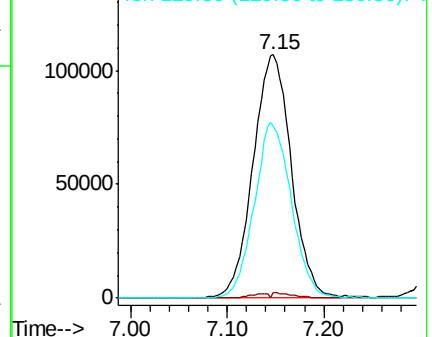
49 100

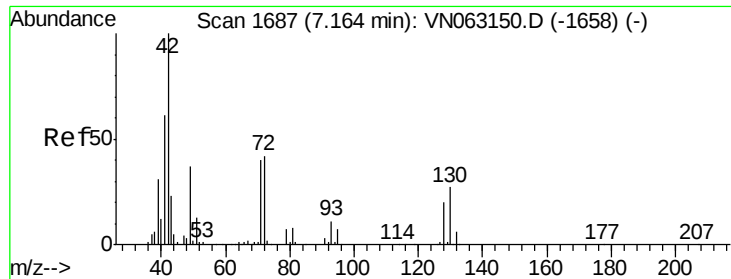
129 1.1 0.0 4.0

130 69.7 54.4 81.6



Abundance Ion 48.90 (48.60 to 49.60): VN0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

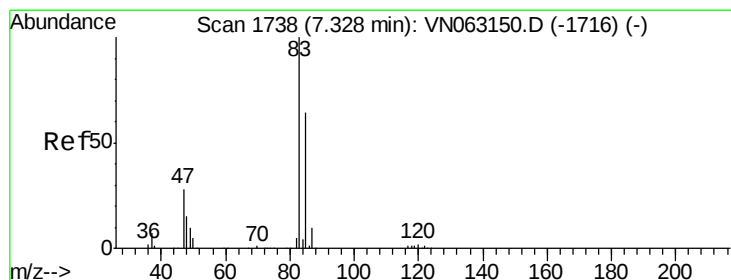
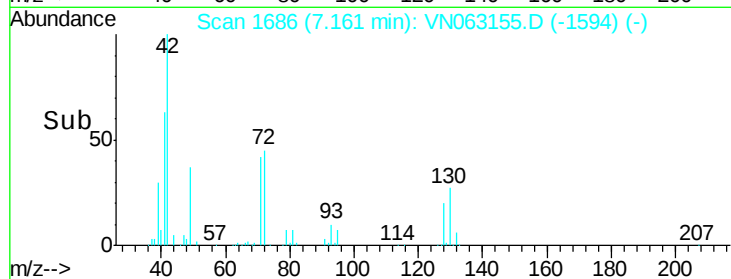
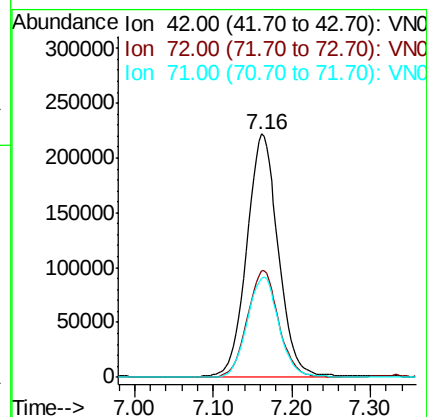
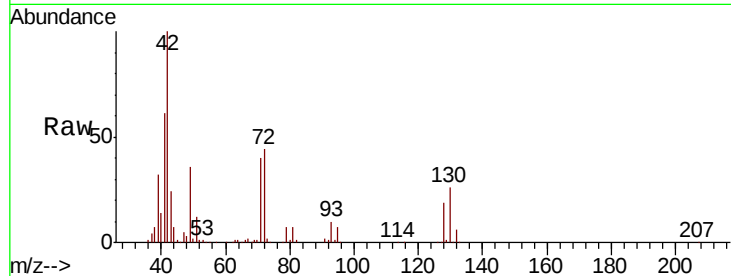




#29
Tetrahydrofuran
Concen: 248.731 ug/l
RT: 7.16 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VN063155.D
Acq: 1 Sep 2020 15:00

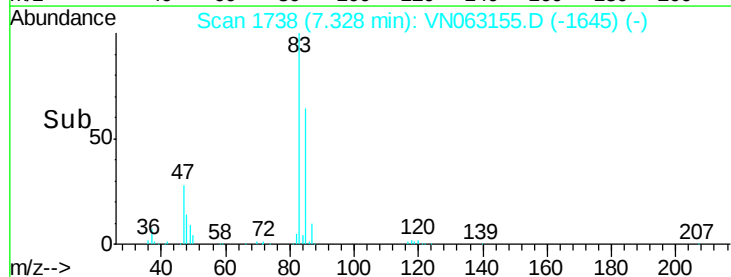
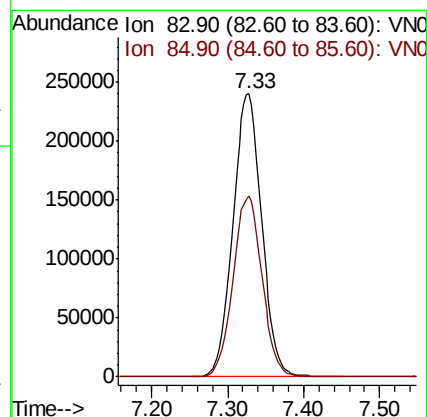
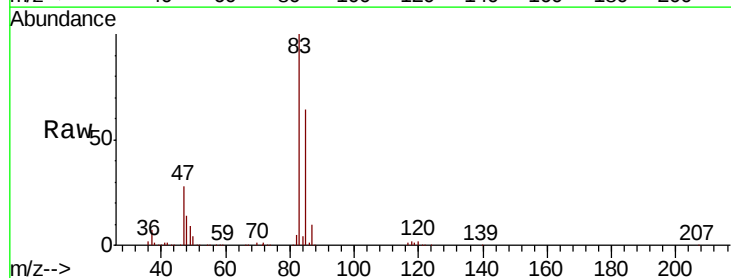
Instrument :
MSVOA_N
ClientSampleId :

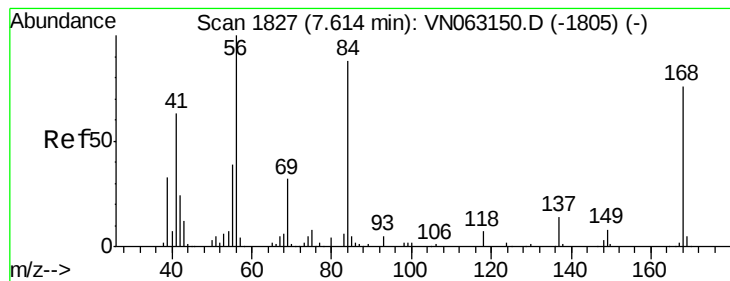
Tot Ion: 42 Resp: 622119
Ion Ratio Lower Upper
42 100
72 44.0 33.9 50.9
71 41.9 31.9 47.9



#30
Chloroform
Concen: 49.827 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN063155.D
Acq: 1 Sep 2020 15:00

Tgt Ion: 83 Resp: 630846
Ion Ratio Lower Upper
83 100
85 63.7 51.0 76.6





#31

Cyclohexane

Concen: 49.463 ug/l

RT: 7.61 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN063155.D

Acq: 1 Sep 2020 15:00

Instrument :

MSVOA_N

ClientSampled :

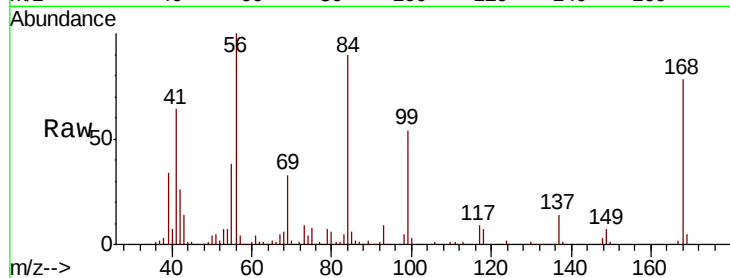
Tot Ion: 56 Resp: 527678

Ion Ratio Lower Upper

56 100

69 32.7 25.4 38.0

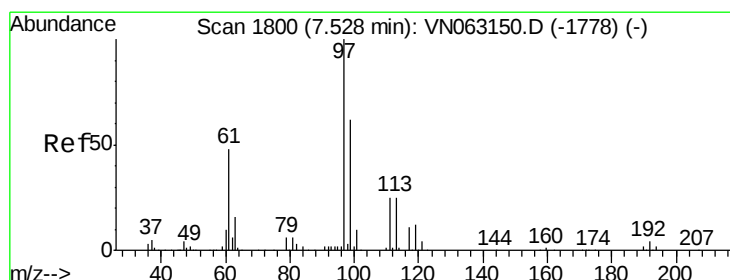
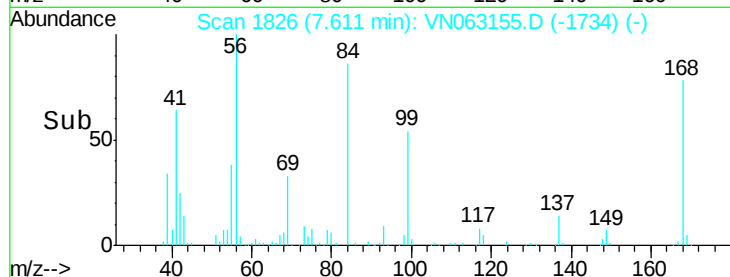
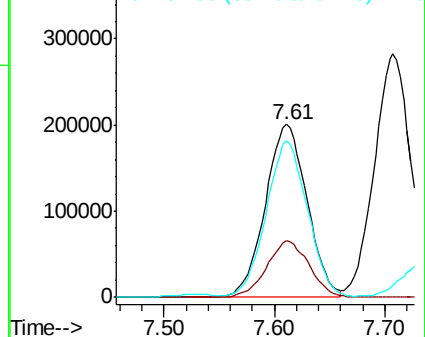
84 88.3 70.2 105.4



Abundance Ion 56.00 (55.70 to 56.70): VN063155.D (-1734) (-)

Ion 69.00 (68.70 to 69.70): VN063155.D (-1734) (-)

Ion 84.00 (83.70 to 84.70): VN063155.D (-1734) (-)



#32

1,1,1-Trichloroethane

Concen: 52.407 ug/l

RT: 7.52 min Scan# 1799

Delta R.T. -0.00 min

Lab File: VN063155.D

Acq: 1 Sep 2020 15:00

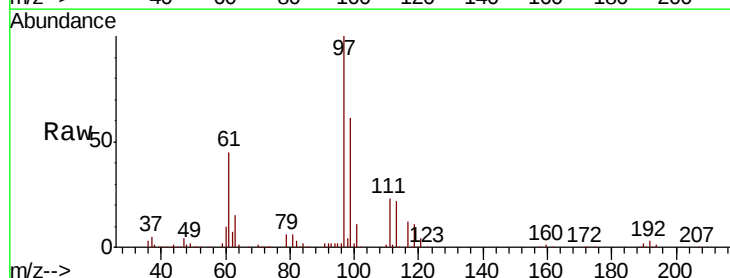
Tgt Ion: 97 Resp: 571760

Ion Ratio Lower Upper

97 100

99 62.7 50.8 76.2

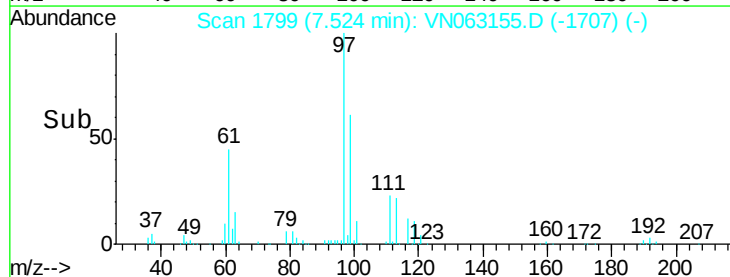
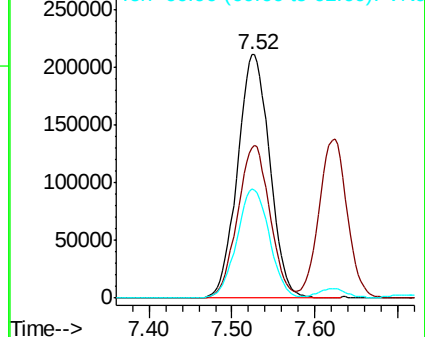
61 45.2 37.4 56.2

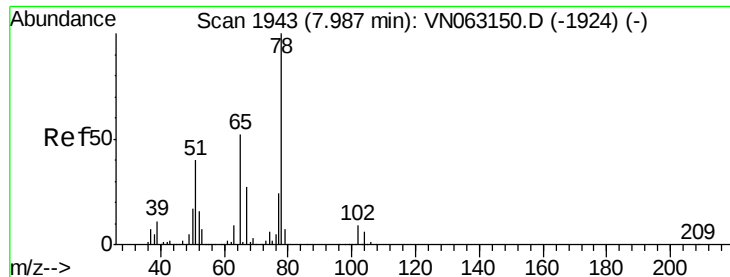


Abundance Ion 96.90 (96.60 to 97.60): VN063155.D (-1707) (-)

Ion 98.90 (98.60 to 99.60): VN063155.D (-1707) (-)

Ion 60.90 (60.60 to 61.60): VN063155.D (-1707) (-)





#33

1,2-Dichloroethane-d4

Concen: 45.326 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063155.D

Acq: 1 Sep 2020 15:00

Instrument :

MSVOA_N

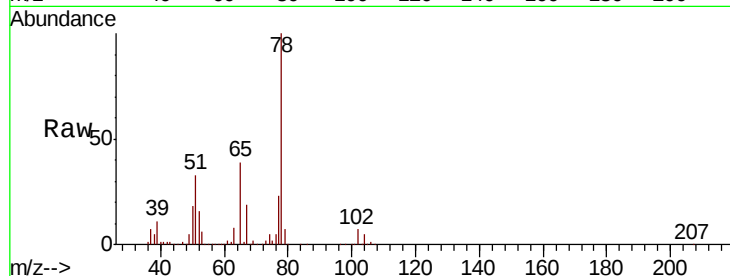
ClientSampleId :

Tot Ion: 65 Resp: 372486

Ion Ratio Lower Upper

65 100

67 51.2 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VN063155.D (-1850) (-)

Ion 66.90 (66.60 to 67.60): VN063155.D (-1850) (-)

7.99

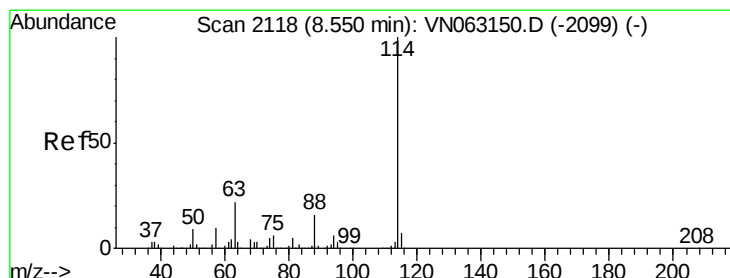
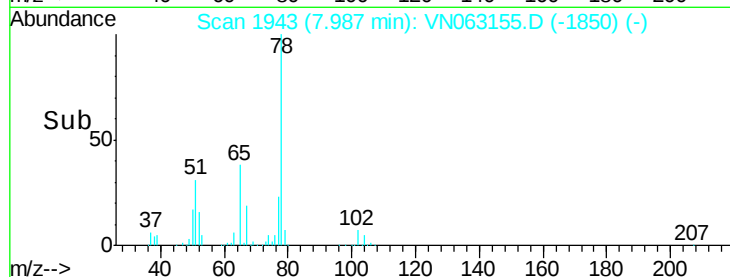
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2117

Delta R.T. -0.00 min

Lab File: VN063155.D

Acq: 1 Sep 2020 15:00

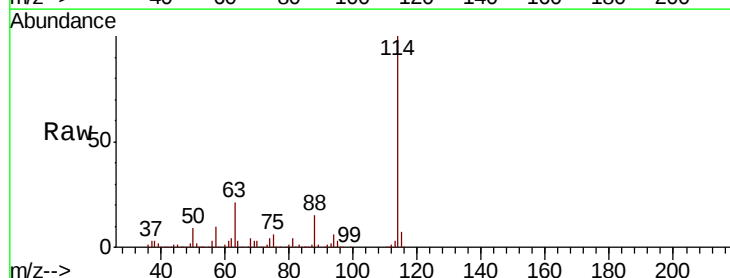
Tgt Ion: 114 Resp: 898484

Ion Ratio Lower Upper

114 100

63 21.1 0.0 43.0

88 15.4 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): VN063155.D (-2025) (-)

Ion 63.00 (62.70 to 63.70): VN063155.D (-2025) (-)

Ion 87.90 (87.60 to 88.60): VN063155.D (-2025) (-)

8.55

600000

500000

400000

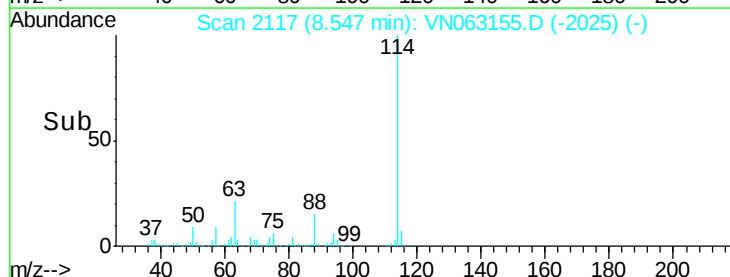
300000

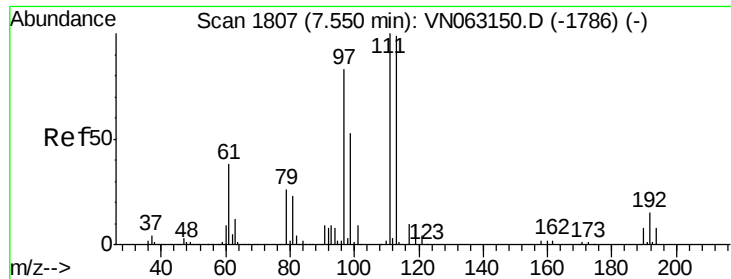
200000

100000

0

Time-->

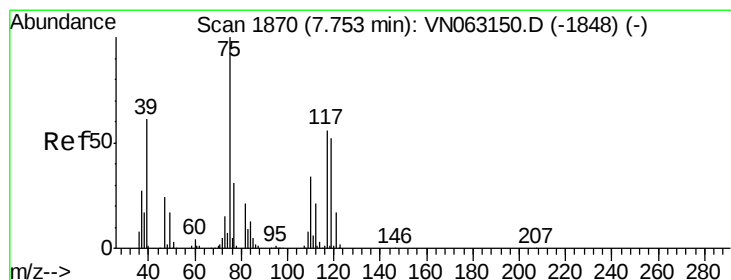
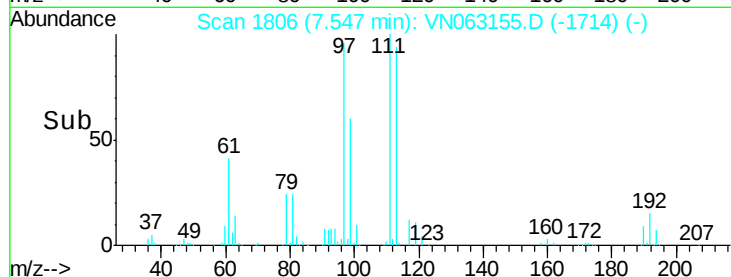
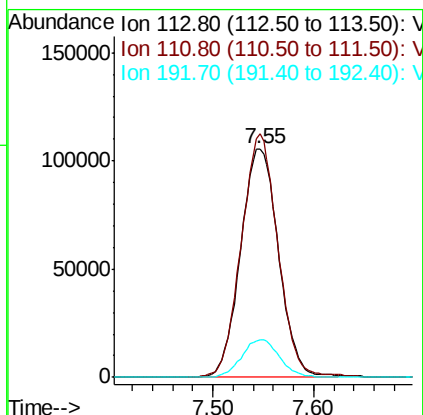
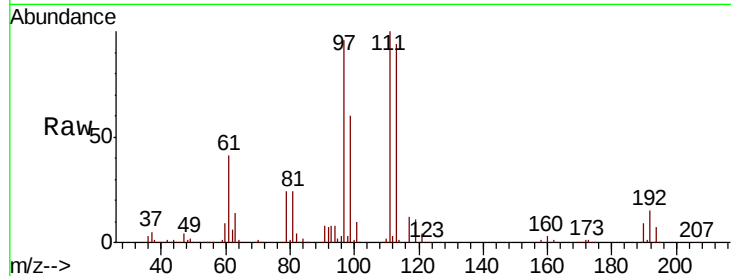




#35
 Dibromofluoromethane
 Concen: 47.804 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN063155.D
 Acq: 1 Sep 2020 15:00

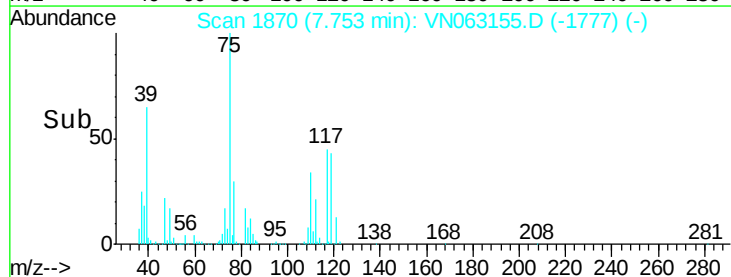
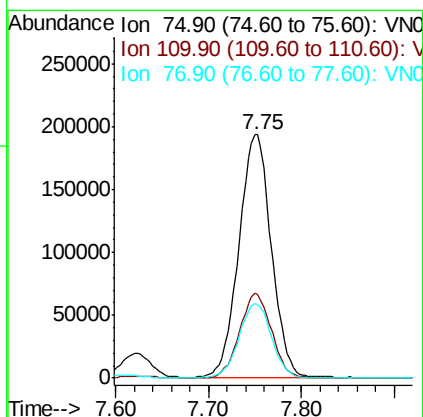
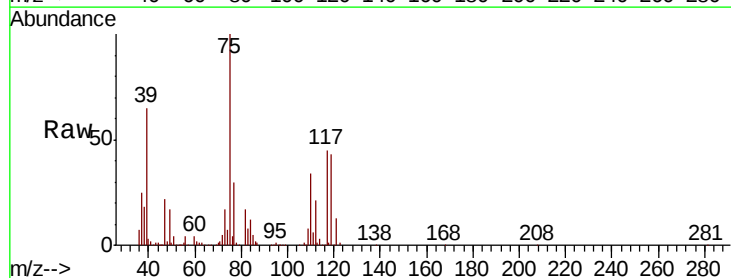
Instrument :
 MSVOA_N
 ClientSampleId :

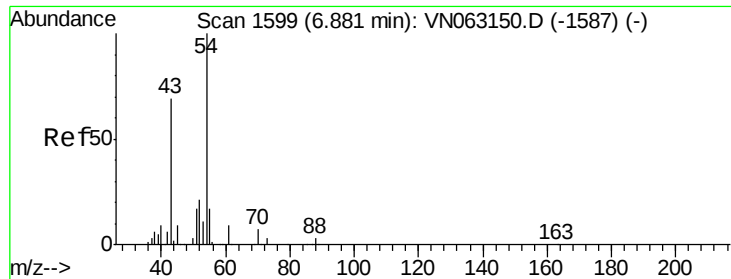
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	80.7	121.1
192	16.4	12.6	19.0



#36
 1,1-Dichloropropene
 Concen: 54.334 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN063155.D
 Acq: 1 Sep 2020 15:00

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.4	16.6	49.8
77	31.0	25.4	38.2

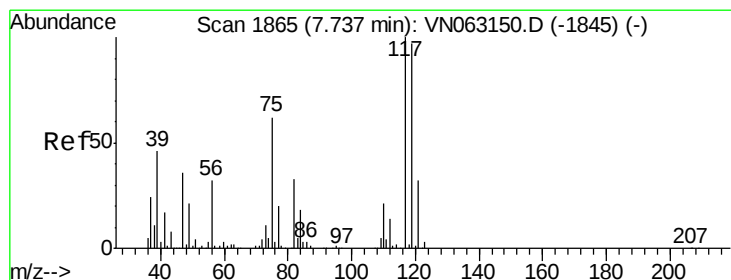
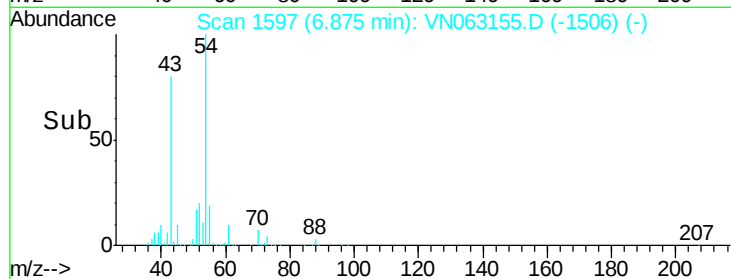
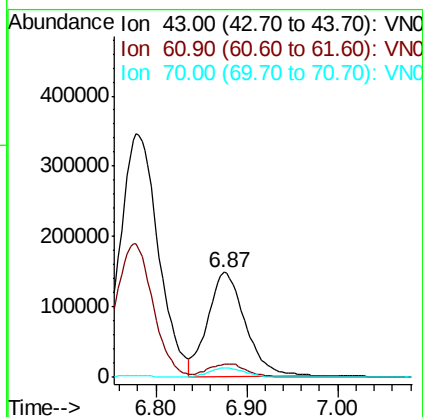
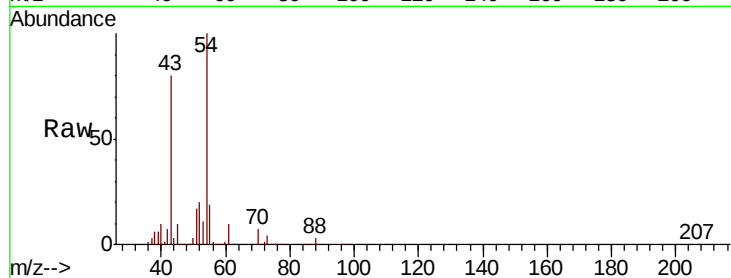




#37
Ethyl Acetate
Concen: 52.329 ug/l
RT: 6.87 min Scan# 1597
Delta R.T. -0.01 min
Lab File: VN063155.D
Acq: 1 Sep 2020 15:00

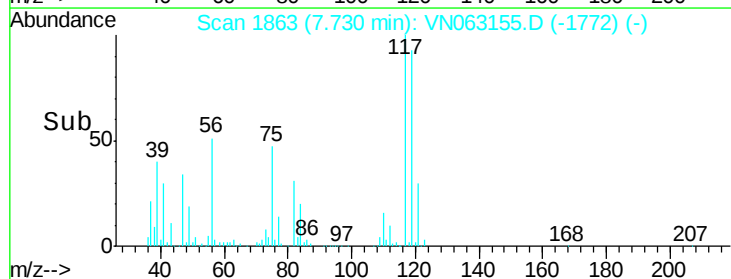
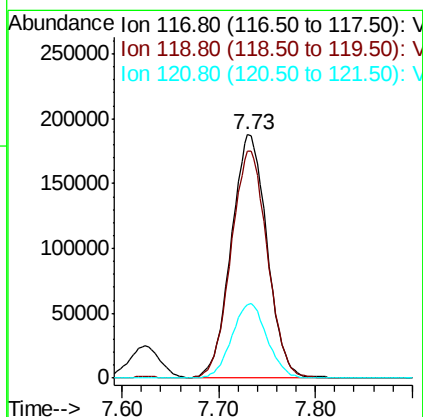
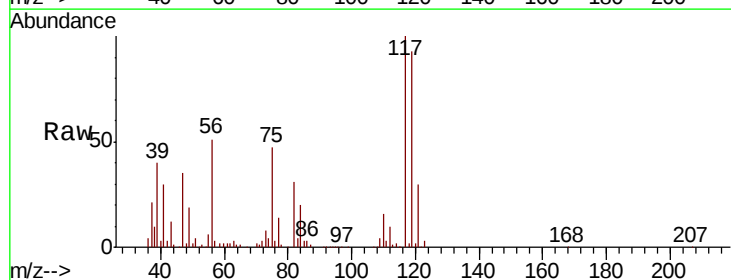
Instrument :
MSVOA_N
ClientSampled :

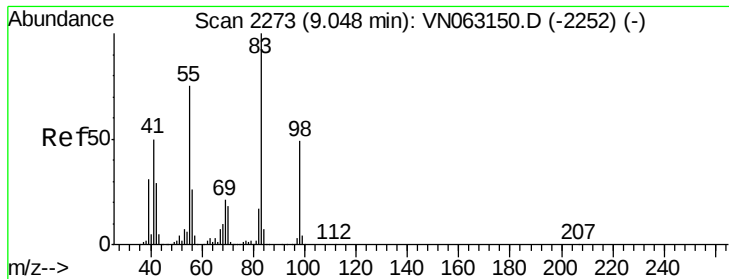
Tot Ion: 43 Resp: 426953
Ion Ratio Lower Upper
43 100
61 12.5 10.2 15.4
70 8.3 3.0 4.6#



#38
Carbon Tetrachloride
Concen: 54.779 ug/l
RT: 7.73 min Scan# 1863
Delta R.T. -0.01 min
Lab File: VN063155.D
Acq: 1 Sep 2020 15:00

Tgt Ion: 117 Resp: 479843
Ion Ratio Lower Upper
117 100
119 93.4 77.2 115.8
121 30.3 25.6 38.4

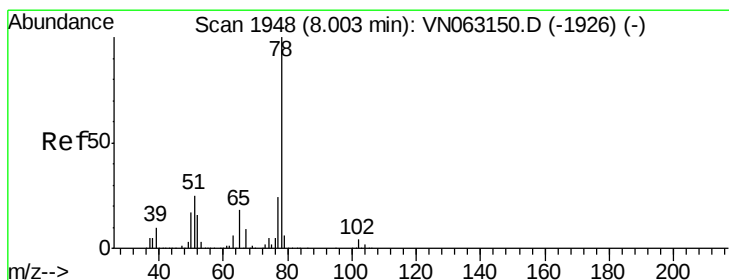
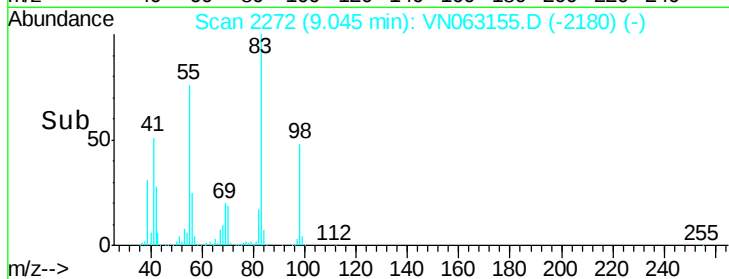
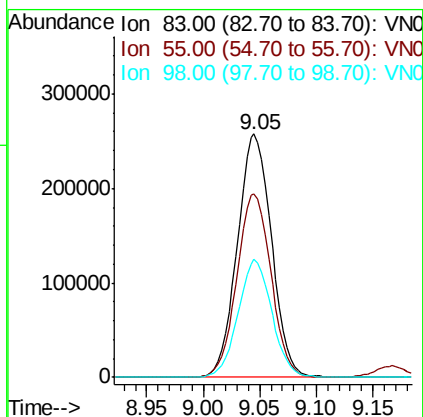
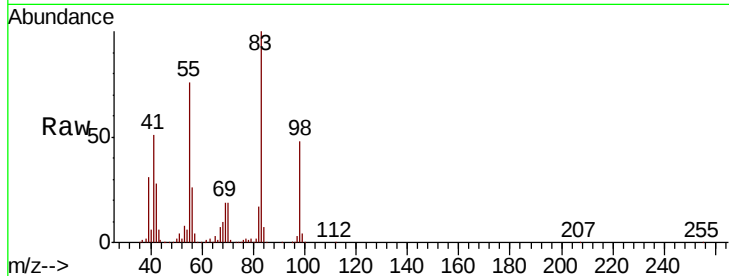




#39
Methvlcvclohexane
Concen: 55.971 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN063155.D
Acq: 1 Sep 2020 15:00

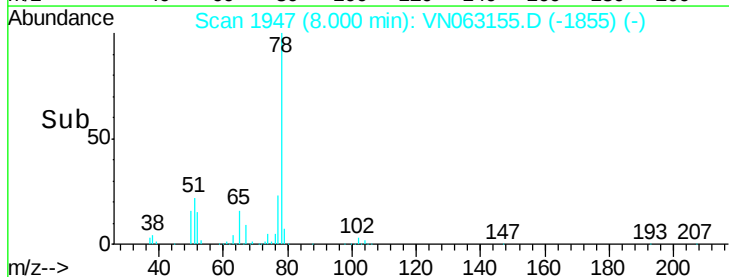
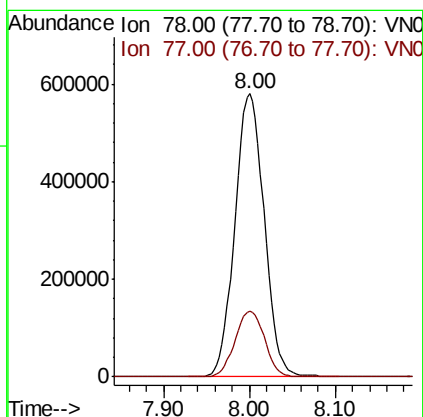
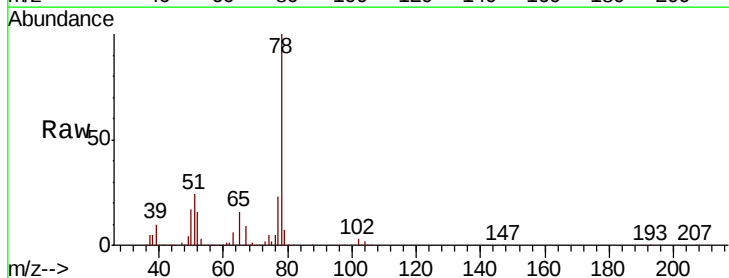
Instrument :
MSVOA_N
ClientSampleId :

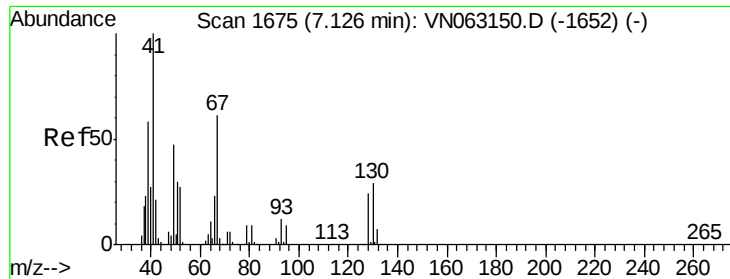
Tot Ion: 83 Resp: 543125
Ion Ratio Lower Upper
83 100
55 75.5 60.3 90.5
98 48.3 38.9 58.3



#40
Benzene
Concen: 54.156 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN063155.D
Acq: 1 Sep 2020 15:00

Tgt Ion: 78 Resp: 1374619
Ion Ratio Lower Upper
78 100
77 23.2 19.3 28.9

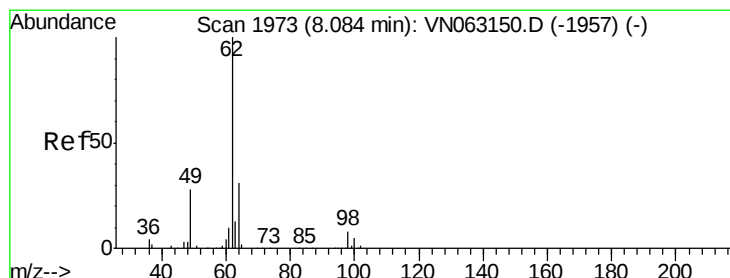
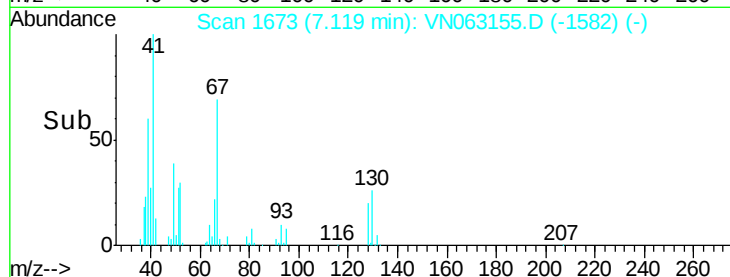
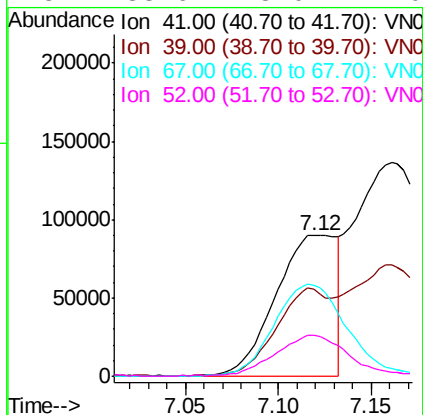
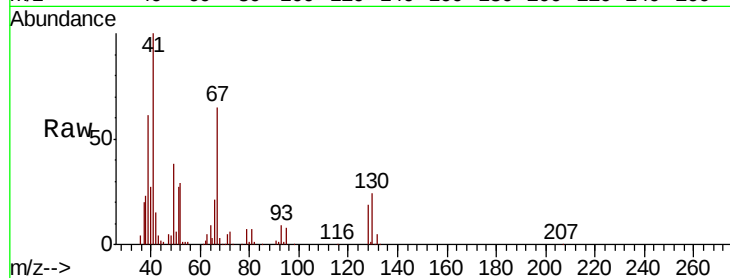




#41
Methacrylonitrile
Concen: 56.535 ug/l
RT: 7.12 min Scan# 1673
Delta R.T. -0.01 min
Lab File: VN063155.D
Acq: 1 Sep 2020 15:00

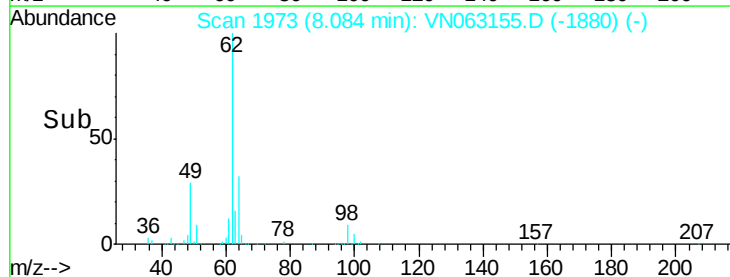
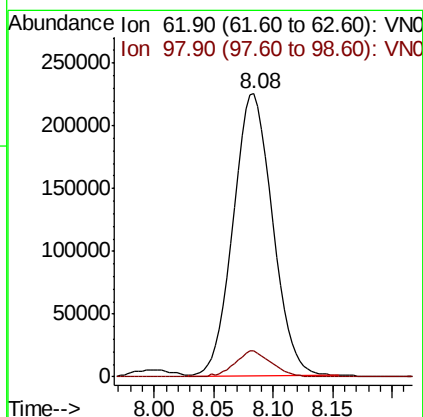
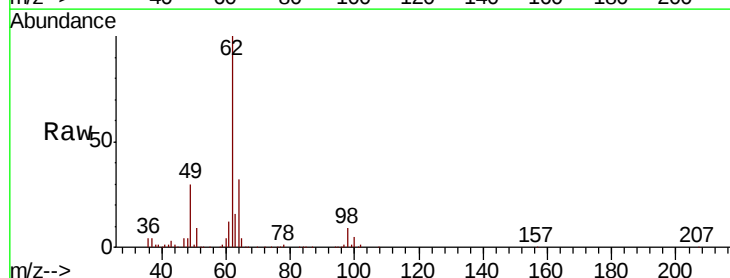
Instrument :
MSVOA_N
ClientSampled :

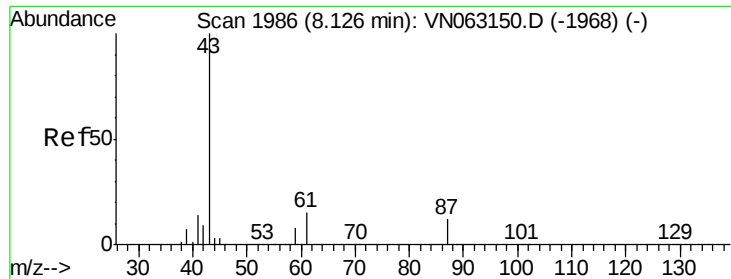
Tot Ion:	41	Resp:	205721
Ion	Ratio	Lower	Upper
41	100		
39	54.2	46.6	70.0
67	79.3	62.6	94.0
52	33.6	28.0	42.0



#42
1,2-Dichloroethane
Concen: 54.409 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN063155.D
Acq: 1 Sep 2020 15:00

Tgt Ion:	62	Resp:	515885
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.2





#43

Isopropyl Acetate

Concen: 54.489 ug/l

RT: 8.12 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VN063155.D

Acq: 1 Sep 2020 15:00

Instrument :

MSVOA_N

ClientSampleId :

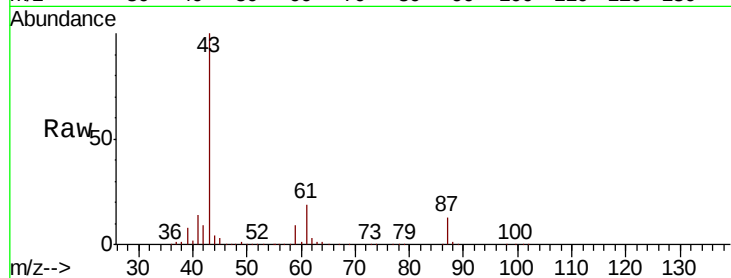
Tot Ion: 43 Resp: 767568

Ion Ratio Lower Upper

43 100

61 19.7 20.2 30.4#

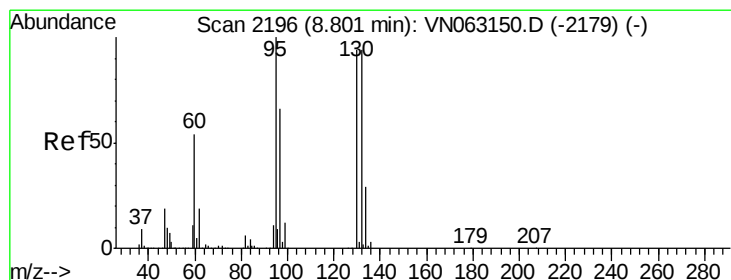
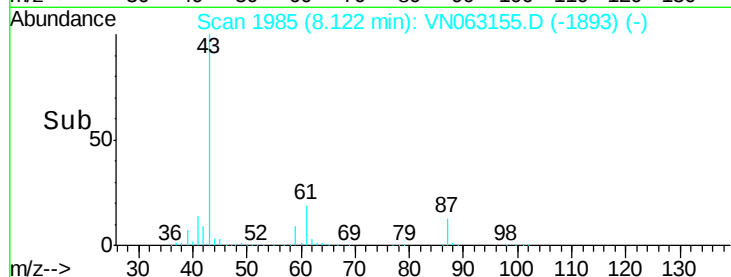
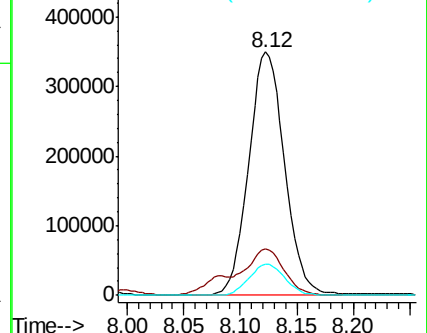
87 13.0 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VN063155.D (-1893) (-)

Ion 61.00 (60.70 to 61.70): VN063155.D (-1893) (-)

Ion 87.00 (86.70 to 87.70): VN063155.D (-1893) (-)



#44

Trichloroethene

Concen: 56.928 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN063155.D

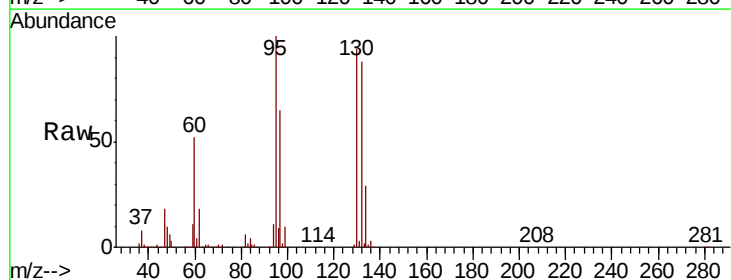
Acq: 1 Sep 2020 15:00

Tgt Ion:130 Resp: 350488

Ion Ratio Lower Upper

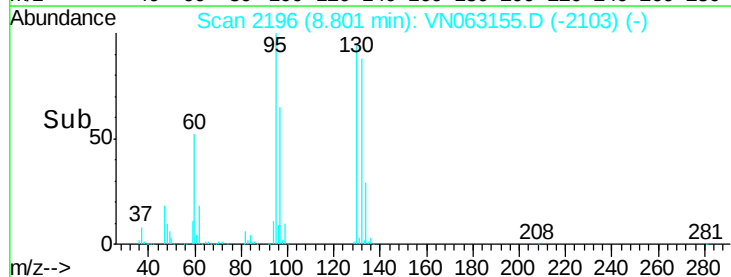
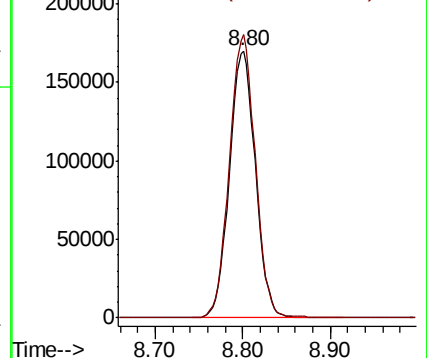
130 100

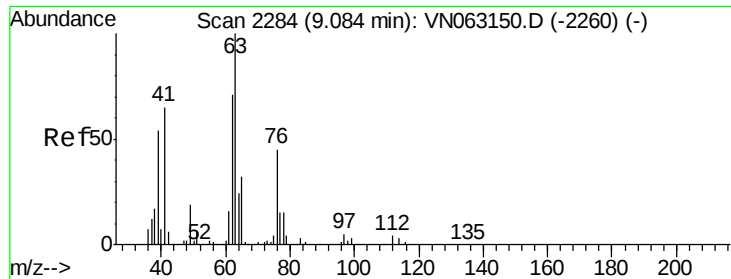
95 106.0 0.0 212.0



Abundance Ion 129.80 (129.50 to 130.50): VN063155.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN063155.D (-2103) (-)





#45

1,2-Dichloropropane

Concen: 52.548 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN063155.D

Acq: 1 Sep 2020 15:00

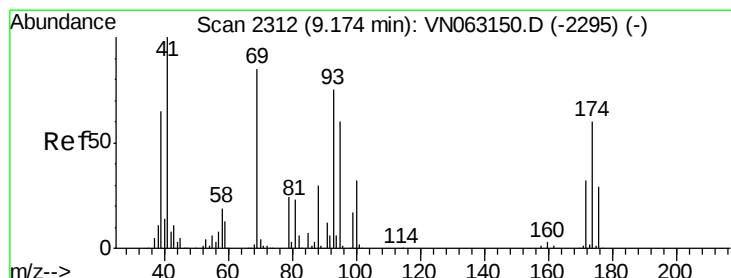
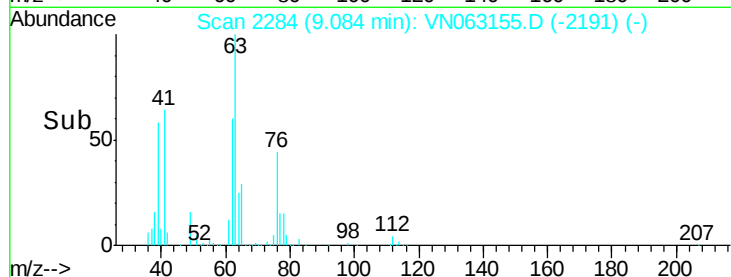
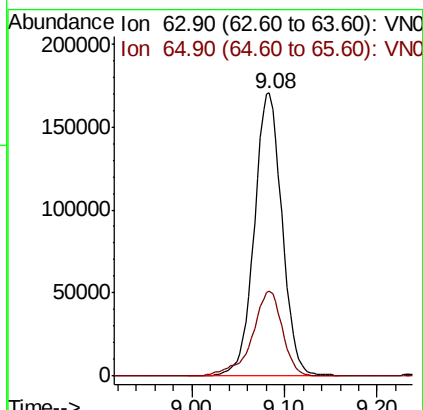
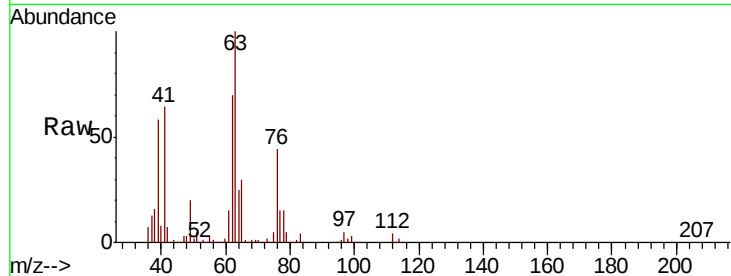
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 63 Resp: 353145

Ion Ratio Lower Upper

63 100

65 30.1 25.4 38.0



#46

Dibromomethane

Concen: 54.357 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN063155.D

Acq: 1 Sep 2020 15:00

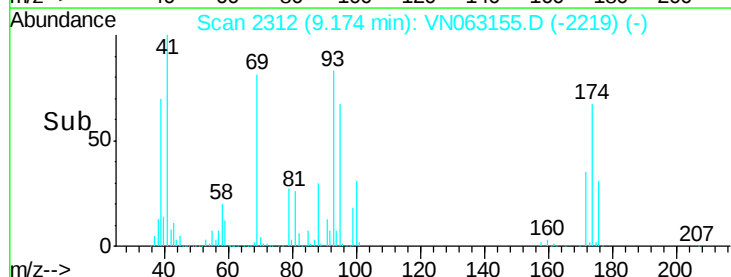
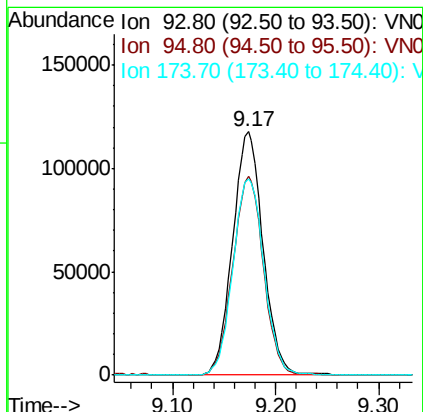
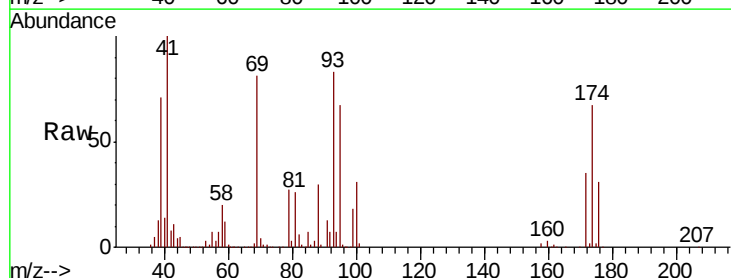
Tgt Ion: 93 Resp: 242087

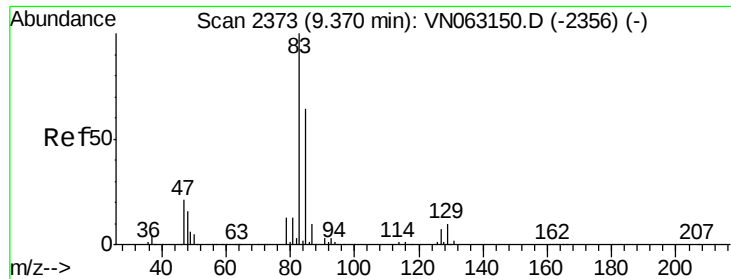
Ion Ratio Lower Upper

93 100

95 82.2 65.2 97.8

174 82.1 64.6 97.0





#47

Bromodichloromethane

Concen: 54.418 ug/l

RT: 9.37 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN063155.D

Acq: 1 Sep 2020 15:00

Instrument :

MSVOA_N

ClientSampleId :

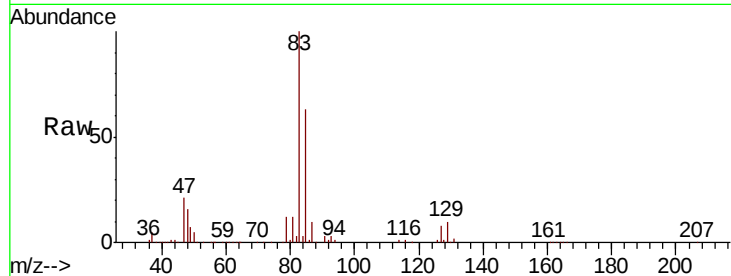
Tot Ion: 83 Resp: 519486

Ion Ratio Lower Upper

83 100

85 62.6 51.0 76.6

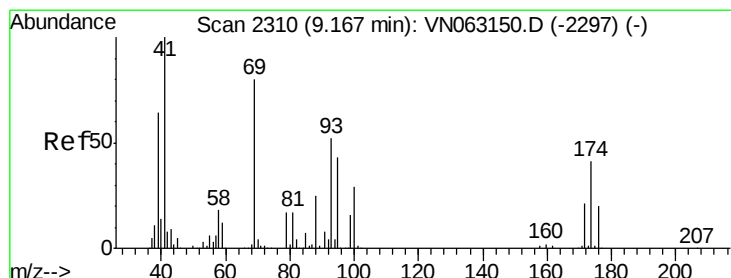
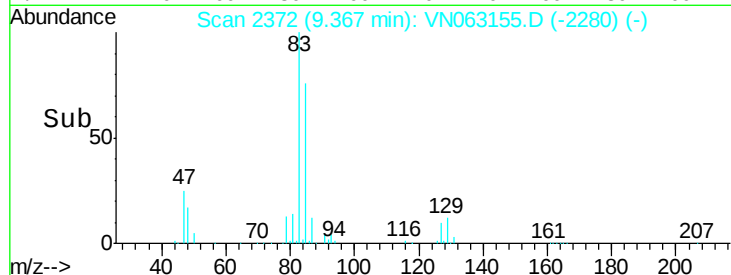
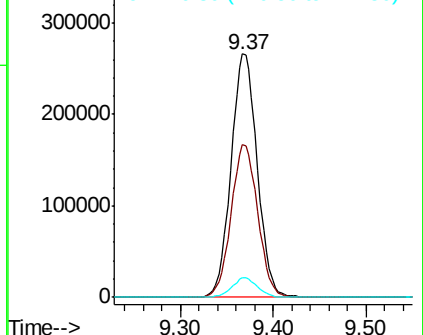
127 8.1 5.7 8.5



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): VN0



#48

Methyl methacrylate

Concen: 54.868 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN063155.D

Acq: 1 Sep 2020 15:00

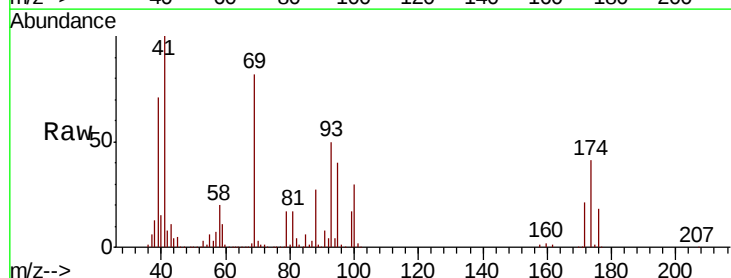
Tgt Ion: 41 Resp: 348430

Ion Ratio Lower Upper

41 100

69 83.1 65.9 98.9

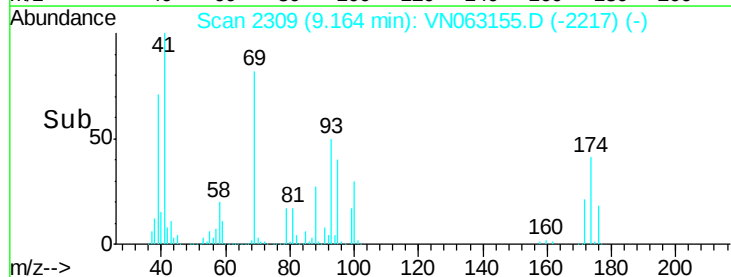
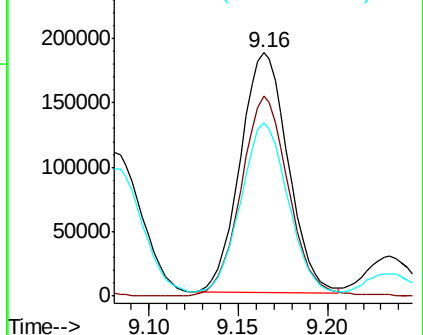
39 72.7 52.0 78.0

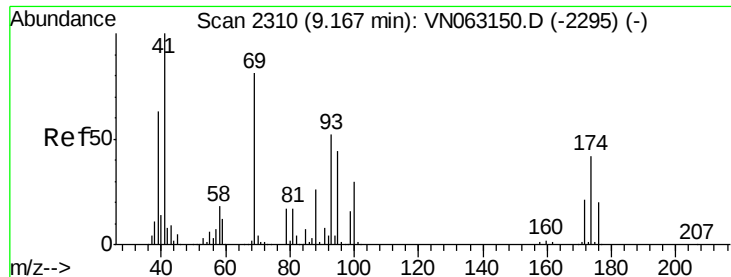


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

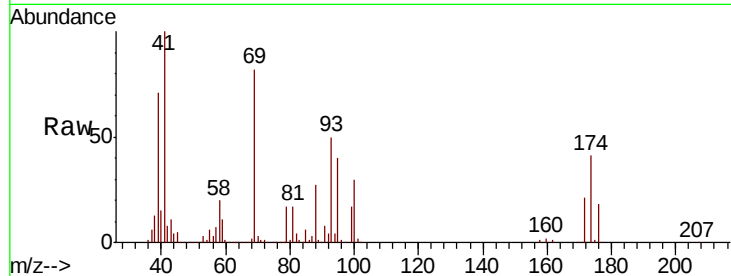




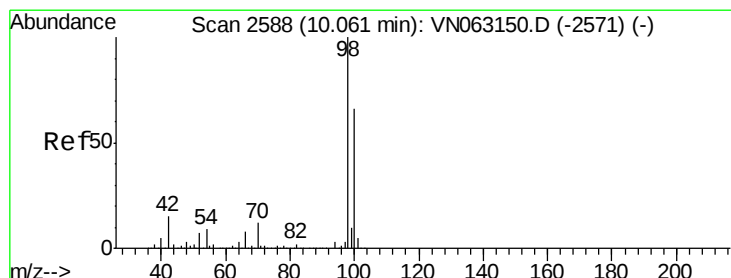
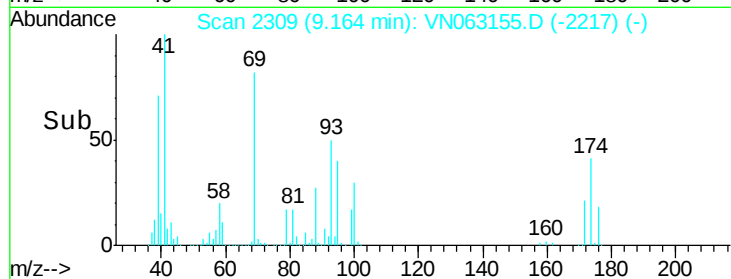
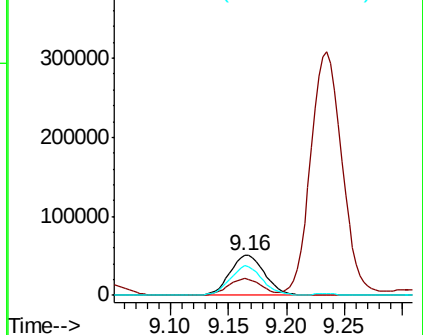
#49
 1,4-Dioxane
 Concen: 1091.174 ug/l
 RT: 9.16 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: VN063155.D
 Acq: 1 Sep 2020 15:00

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 88 Resp: 107175
 Ion Ratio Lower Upper
 88 100
 43 37.6 28.6 42.8
 58 67.9 53.2 79.8

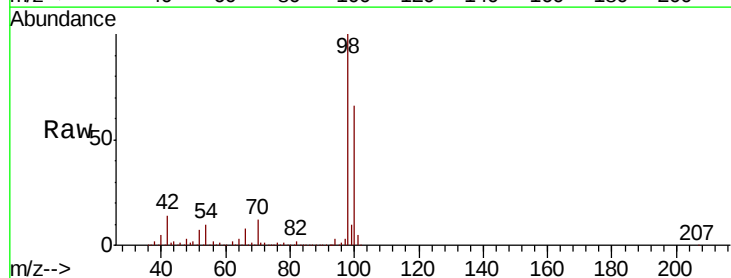


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

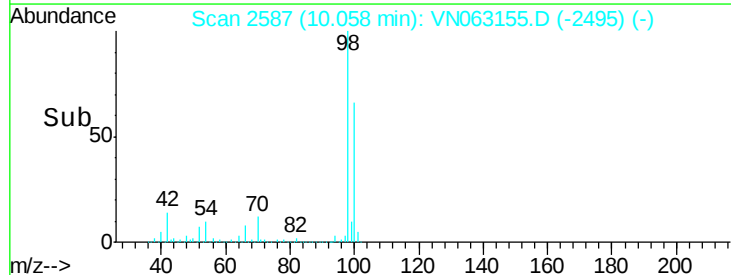
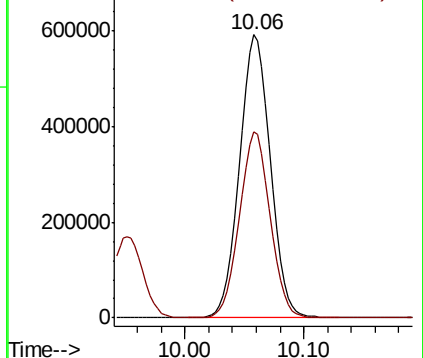


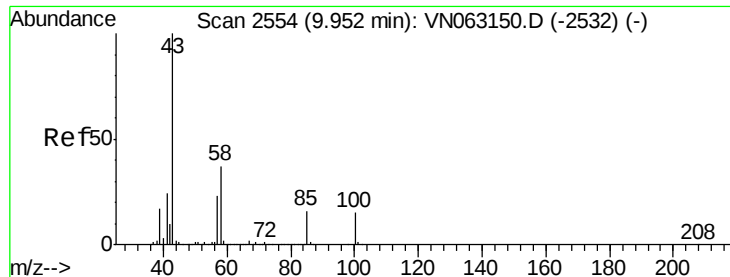
#50
 Toluene-d8
 Concen: 47.879 ug/l
 RT: 10.06 min Scan# 2587
 Delta R.T. -0.00 min
 Lab File: VN063155.D
 Acq: 1 Sep 2020 15:00

Tgt Ion: 98 Resp: 1062266
 Ion Ratio Lower Upper
 98 100
 100 65.3 52.0 78.0



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

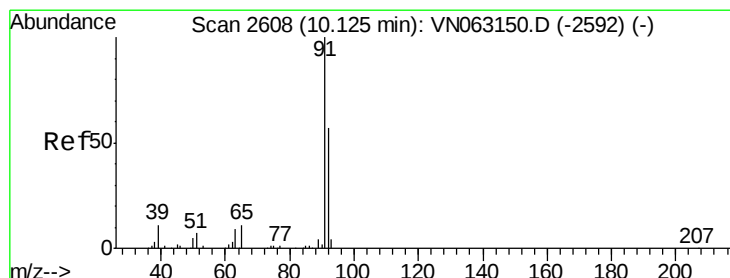
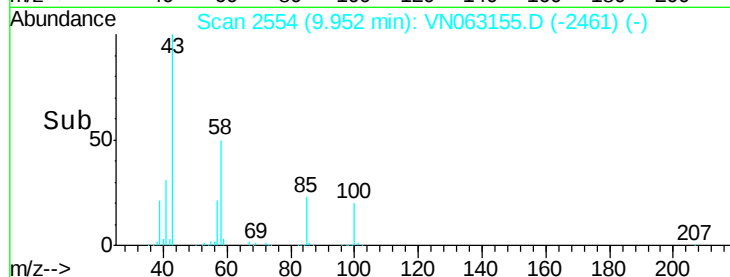
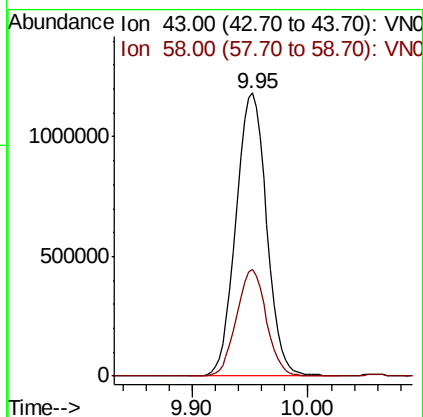
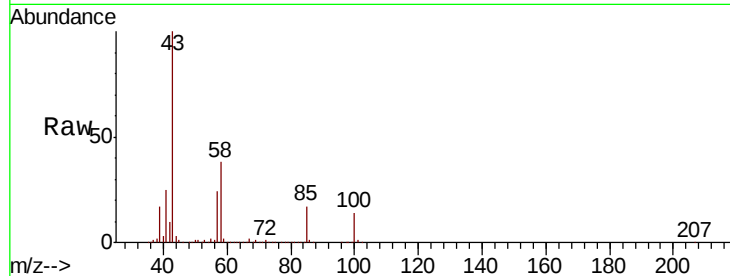




#51
 4-Methyl-2-Pentanone
 Concen: 283.668 ug/l
 RT: 9.95 min Scan# 2554
 Delta R.T. -0.00 min
 Lab File: VN063155.D
 Acq: 1 Sep 2020 15:00

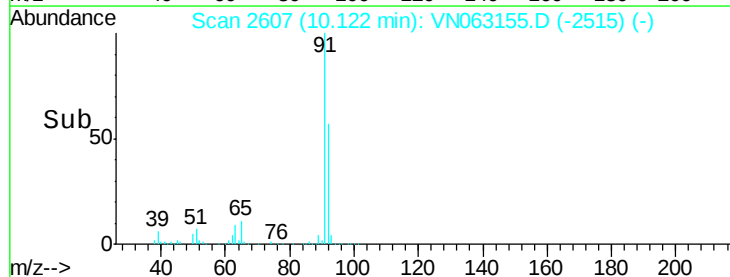
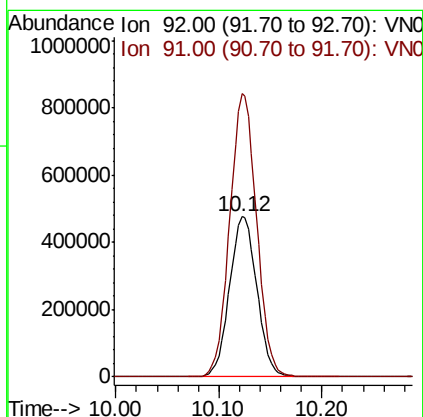
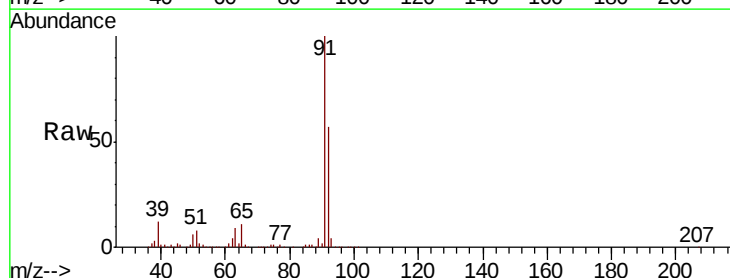
Instrument :
 MSVOA_N
 ClientSampled :

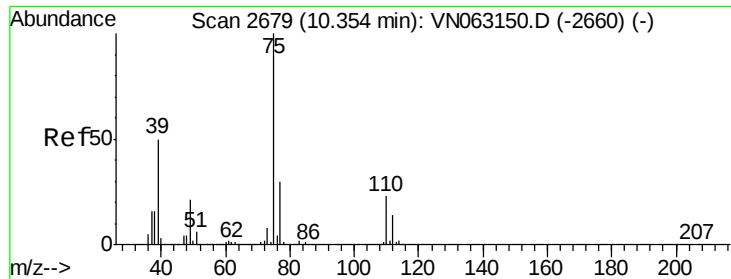
Tot Ion: 43 Resp: 2171415
 Ion Ratio Lower Upper
 43 100
 58 36.8 29.2 43.8



#52
 Toluene
 Concen: 55.705 ug/l
 RT: 10.12 min Scan# 2607
 Delta R.T. -0.00 min
 Lab File: VN063155.D
 Acq: 1 Sep 2020 15:00

Tgt Ion: 92 Resp: 880792
 Ion Ratio Lower Upper
 92 100
 91 173.7 141.2 211.8





#53

t-1,3-Dichloropropene

Concen: 54.367 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN063155.D

Acq: 1 Sep 2020 15:00

Instrument :

MSVOA_N

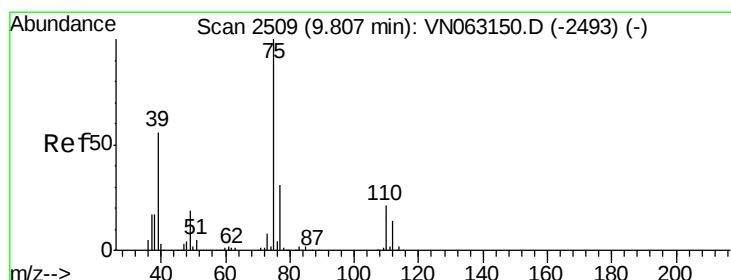
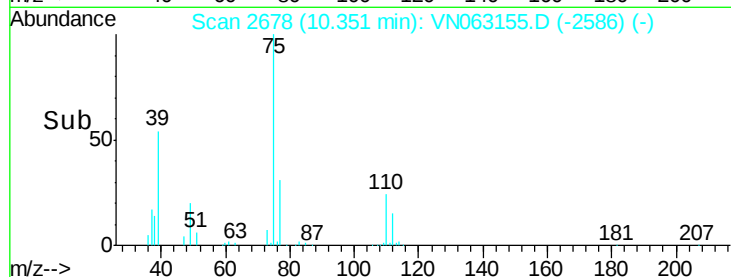
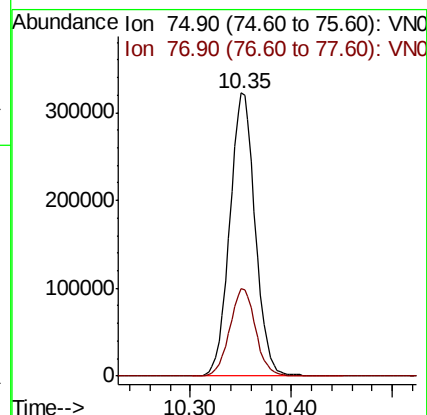
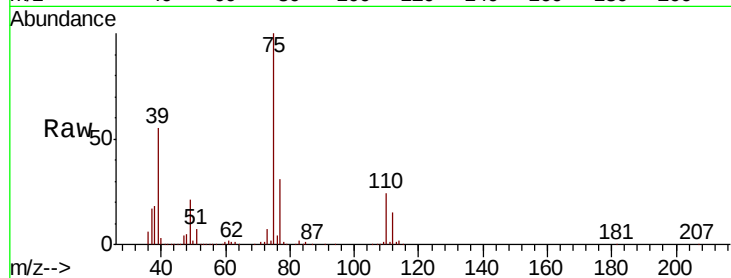
ClientSampleId :

Tot Ion: 75 Resp: 567703

Ion Ratio Lower Upper

75 100

77 30.8 24.2 36.2



#54

cis-1,3-Dichloropropene

Concen: 55.051 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN063155.D

Acq: 1 Sep 2020 15:00

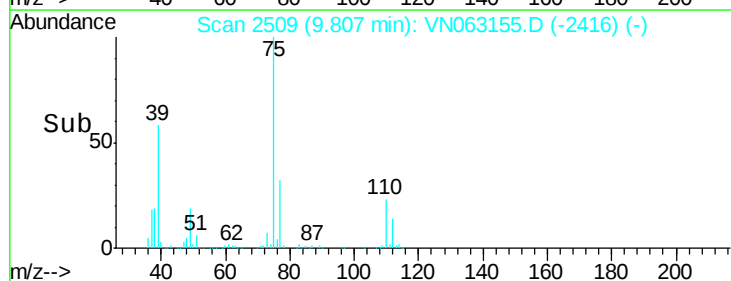
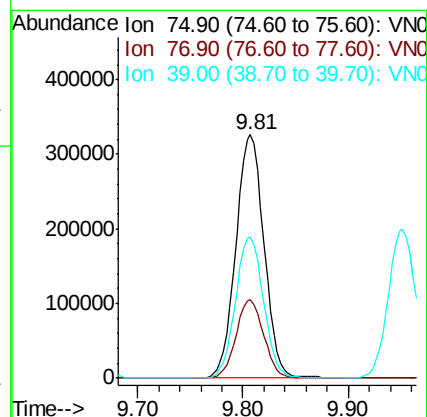
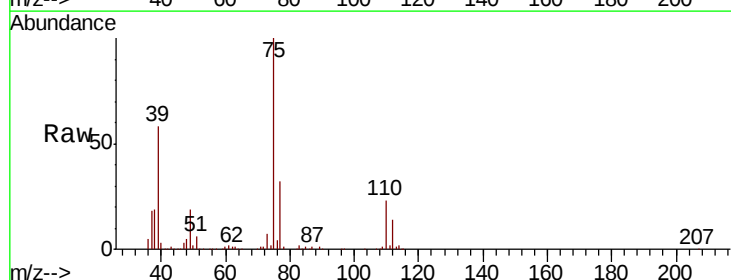
Tgt Ion: 75 Resp: 603406

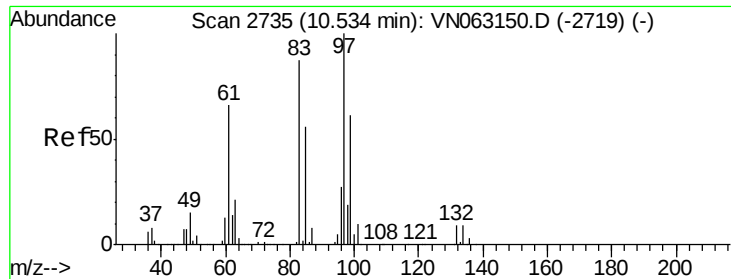
Ion Ratio Lower Upper

75 100

77 32.1 24.8 37.2

39 57.8 45.0 67.6

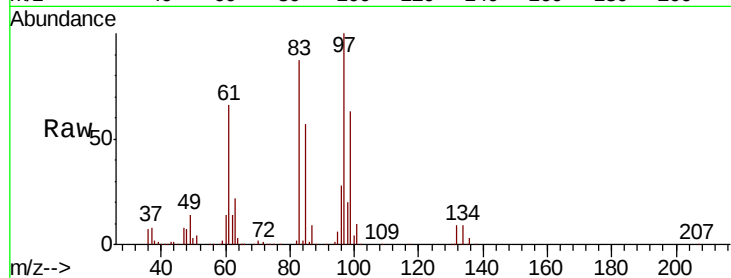




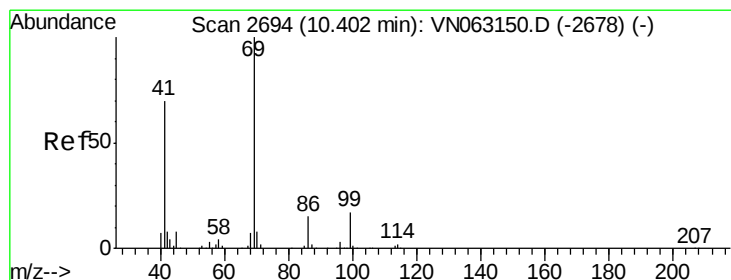
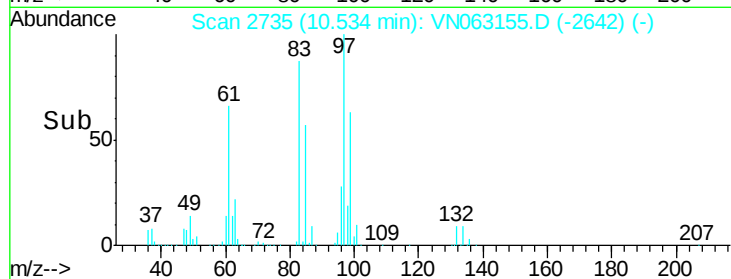
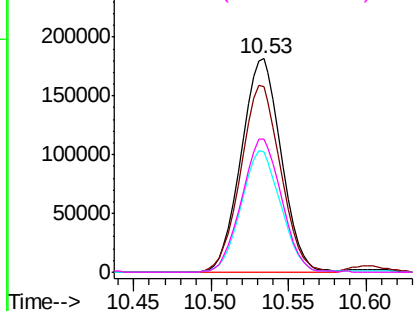
#55
 1,1,2-Trichloroethane
 Concen: 54.037 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. -0.00 min
 Lab File: VN063155.D
 Acq: 1 Sep 2020 15:00

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:	97	Resp:	327219
Ion	Ratio	Lower	Upper
97	100		
83	86.8	69.8	104.8
85	56.5	44.9	67.3
99	62.5	48.8	73.2

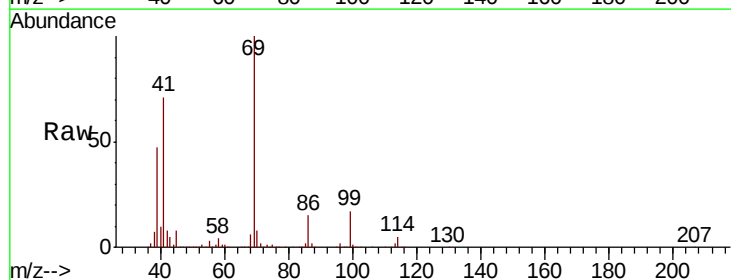


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

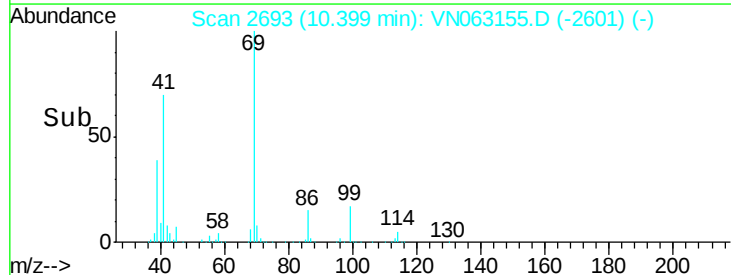
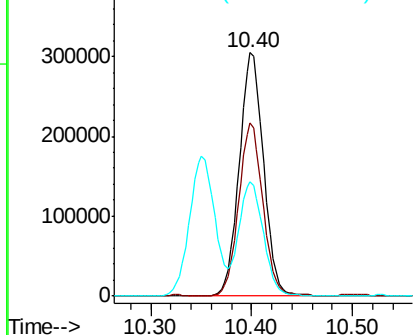


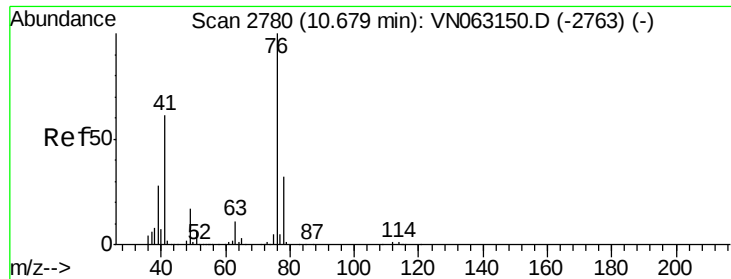
#56
 Ethyl methacrylate
 Concen: 55.217 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN063155.D
 Acq: 1 Sep 2020 15:00

Tgt Ion:	69	Resp:	508853
Ion	Ratio	Lower	Upper
69	100		
41	69.7	55.5	83.3
39	46.7	38.2	57.2



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

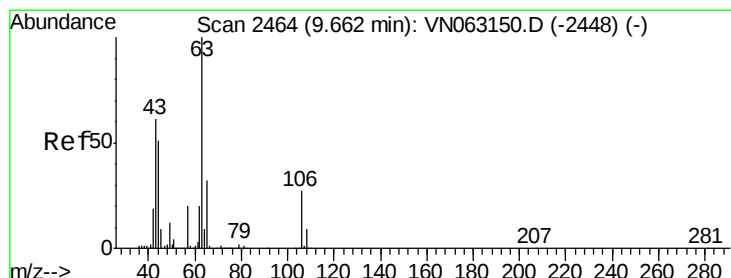
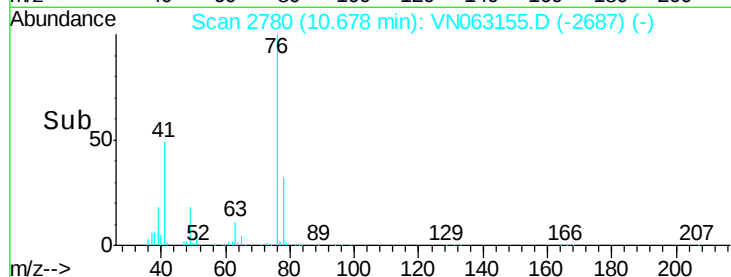
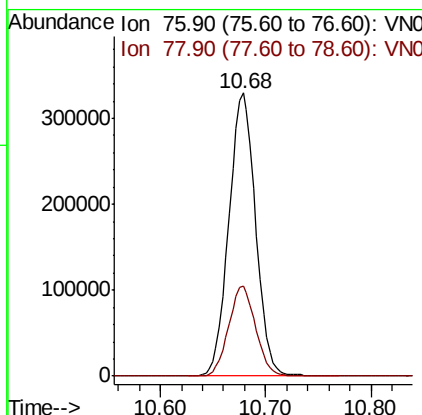
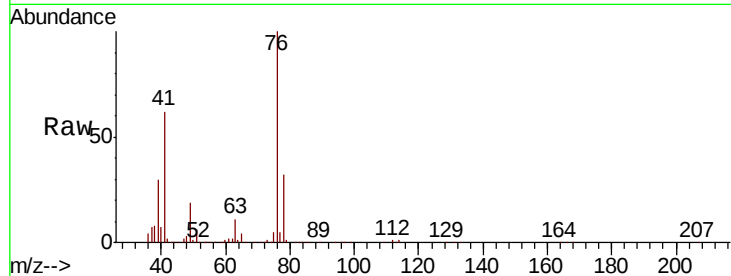




#57
 1,3-Dichloropropane
 Concen: 53.472 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. -0.00 min
 Lab File: VN063155.D
 Acq: 1 Sep 2020 15:00

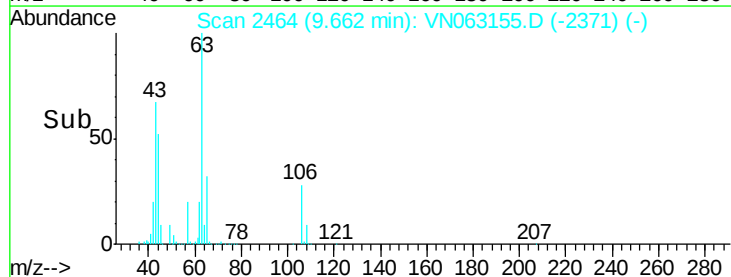
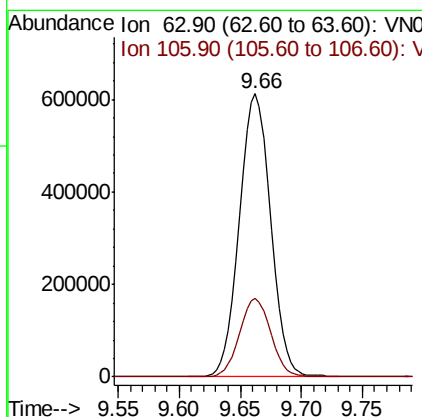
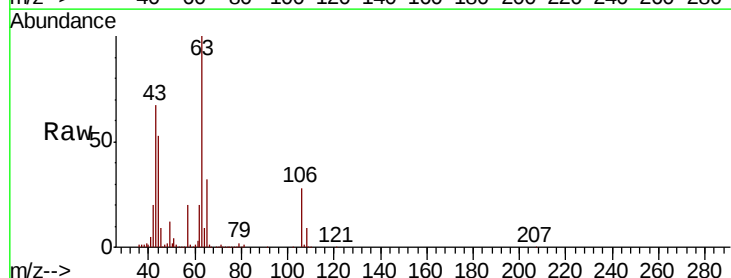
Instrument :
 MSVOA_N
 ClientSampleId :

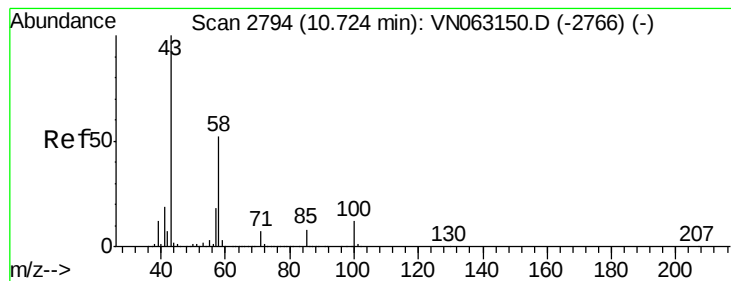
Tot Ion: 76 Resp: 576838
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 227.261 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: VN063155.D
 Acq: 1 Sep 2020 15:00

Tgt Ion: 63 Resp: 1084510
 Ion Ratio Lower Upper
 63 100
 106 27.8 21.8 32.6





#59

2-Hexanone

Concen: 303.639 ug/l

RT: 10.72 min Scan# 2793

Delta R.T. -0.00 min

Lab File: VN063155.D

Acq: 1 Sep 2020 15:00

Instrument :

MSVOA_N

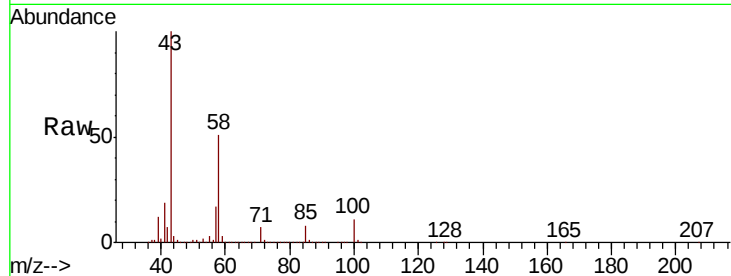
ClientSampled :

Tot Ion: 43 Resp: 1633473

Ion Ratio Lower Upper

43 100

58 51.3 25.9 77.8



Abundance Ion 43.00 (42.70 to 43.70): VN063155.D (-2766) (-)

Ion 58.00 (57.70 to 58.70): VN063155.D (-2766) (-)

10.72

800000

600000

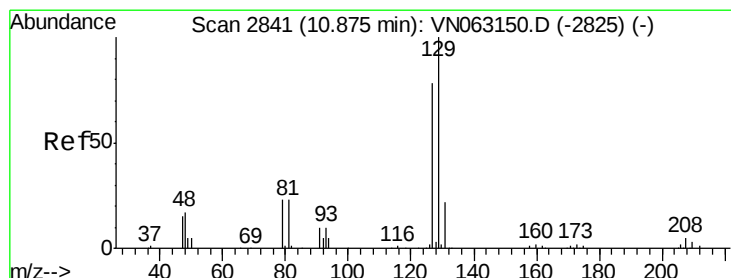
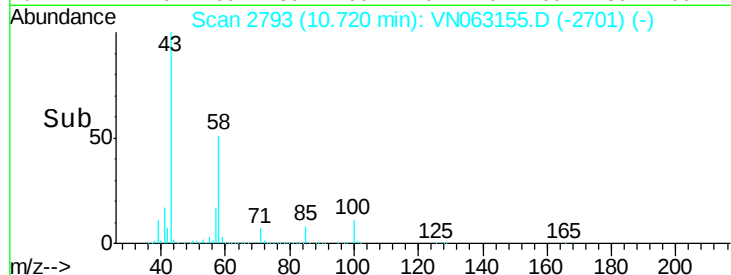
400000

200000

0

10.70 10.80

Time-->



#60

Dibromochloromethane

Concen: 56.607 ug/l

RT: 10.87 min Scan# 2841

Delta R.T. -0.00 min

Lab File: VN063155.D

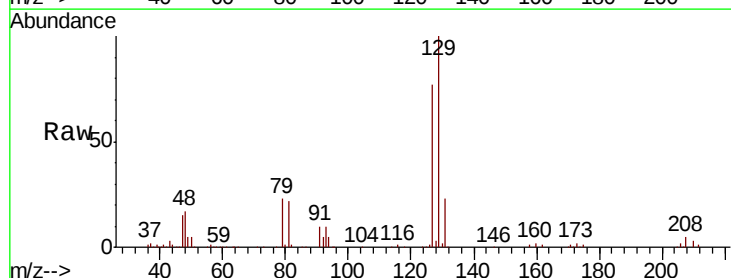
Acq: 1 Sep 2020 15:00

Tgt Ion:129 Resp: 378970

Ion Ratio Lower Upper

129 100

127 77.1 39.0 117.0



Abundance Ion 128.80 (128.50 to 129.50): VN063155.D (-2825) (-)

Ion 126.80 (126.50 to 127.50): VN063155.D (-2825) (-)

250000

200000

150000

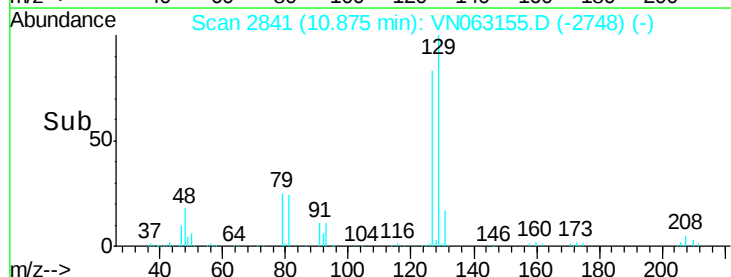
100000

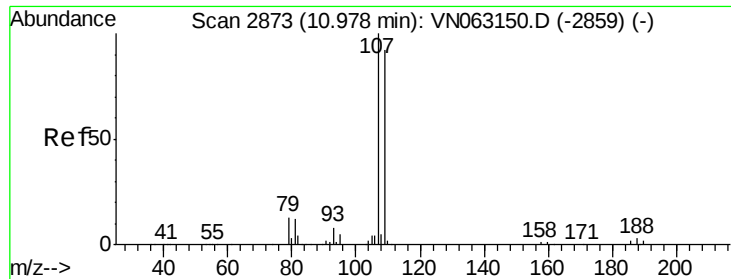
50000

0

10.80 10.90

Time-->

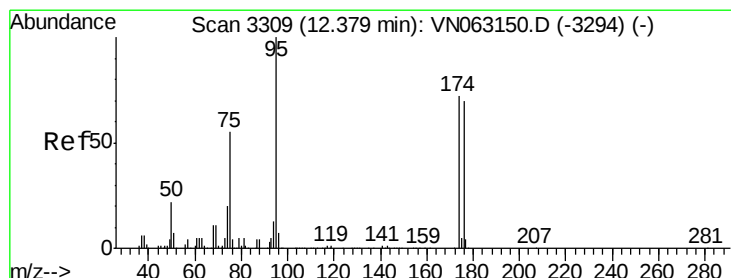
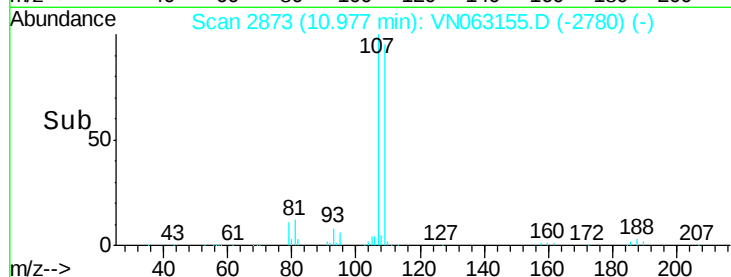
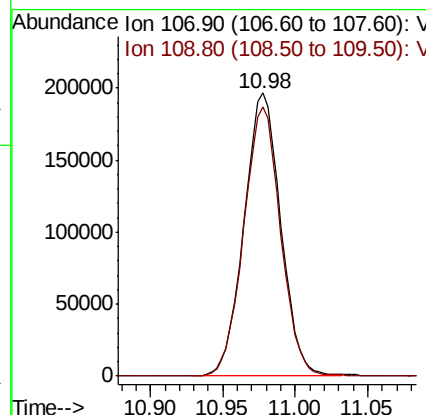
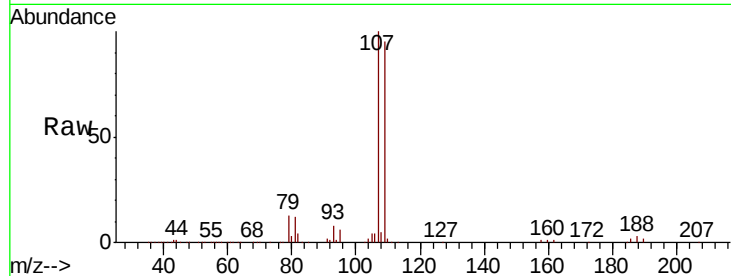




#61
 1,2-Dibromoethane
 Concen: 55.067 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: VN063155.D
 Acq: 1 Sep 2020 15:00

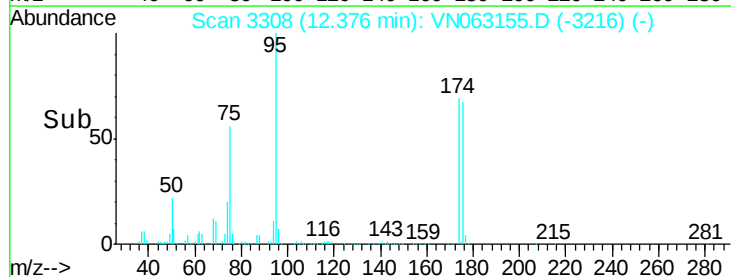
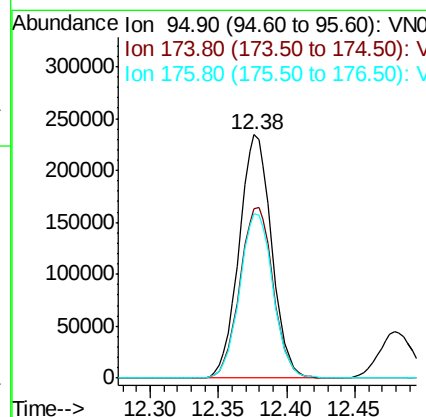
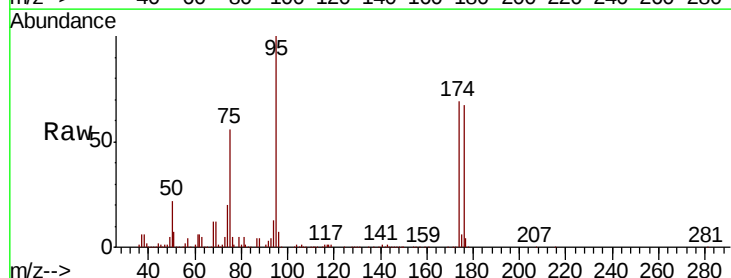
Instrument :
 MSVOA_N
 ClientSampleId :

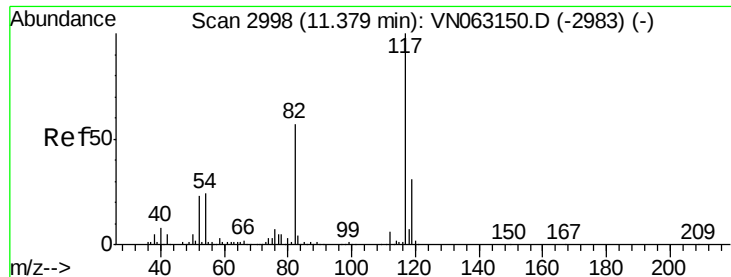
Tot Ion:107 Resp: 346639
 Ion Ratio Lower Upper
 107 100
 109 95.6 73.4 110.0



#62
 4-Bromofluorobenzene
 Concen: 49.992 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN063155.D
 Acq: 1 Sep 2020 15:00

Tgt Ion: 95 Resp: 387989
 Ion Ratio Lower Upper
 95 100
 174 71.9 0.0 143.8
 176 69.1 0.0 138.4

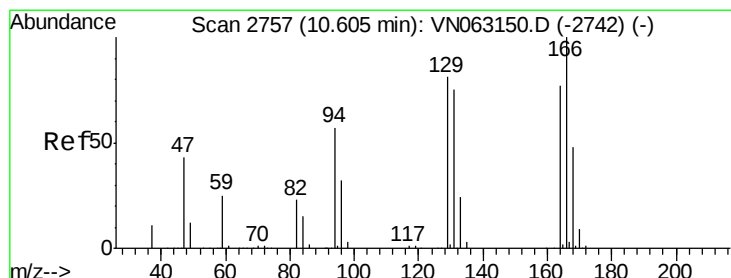
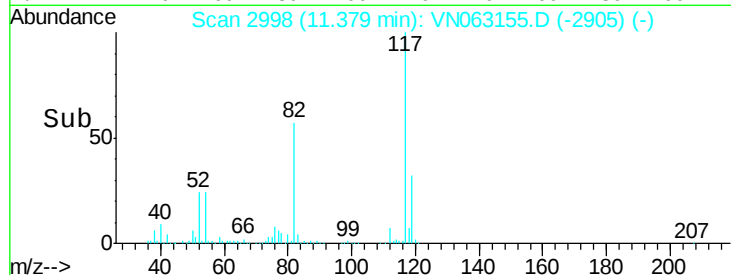
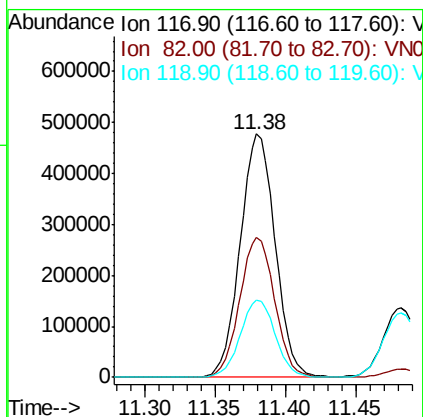
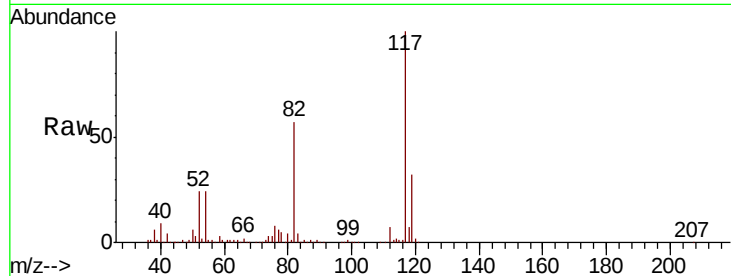




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063155.D
Acq: 1 Sep 2020 15:00

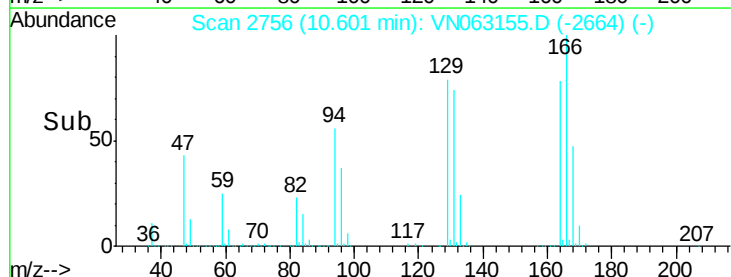
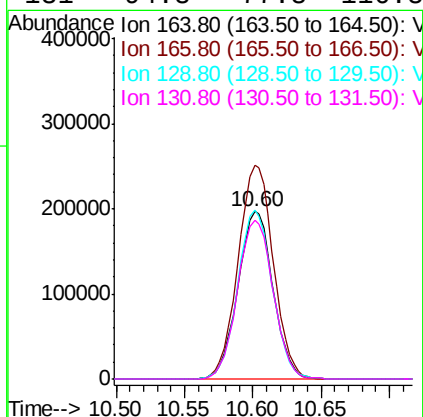
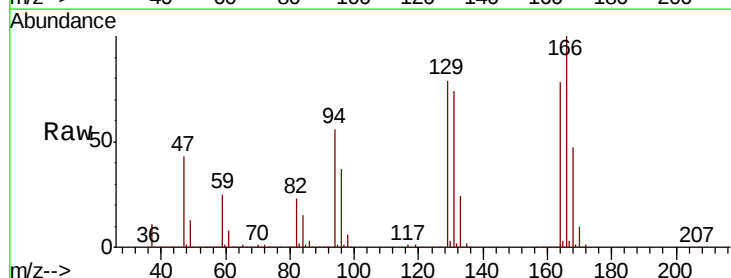
Instrument :
MSVOA_N
ClientSampleId :

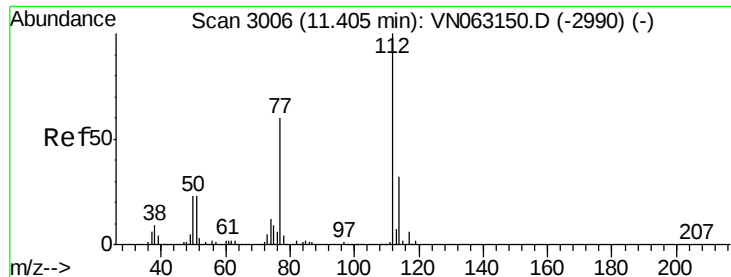
Tot Ion:117 Resp: 830633
Ion Ratio Lower Upper
117 100
82 57.2 45.4 68.0
119 31.6 24.6 37.0



#64
Tetrachloroethene
Concen: 58.929 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063155.D
Acq: 1 Sep 2020 15:00

Tgt Ion:164 Resp: 351500
Ion Ratio Lower Upper
164 100
166 127.6 103.4 155.2
129 101.1 83.4 125.0
131 94.8 77.8 116.8

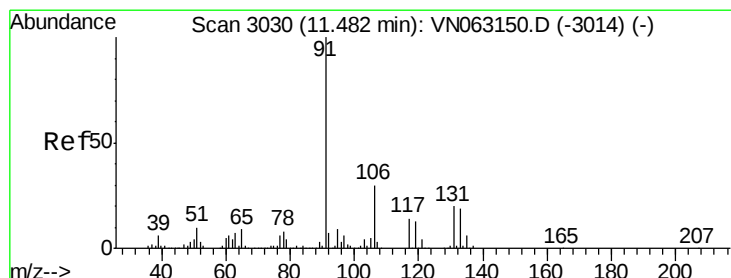
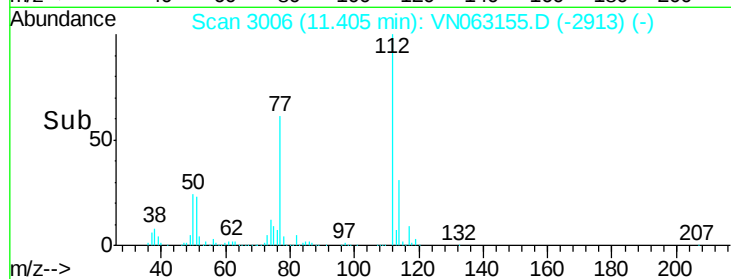
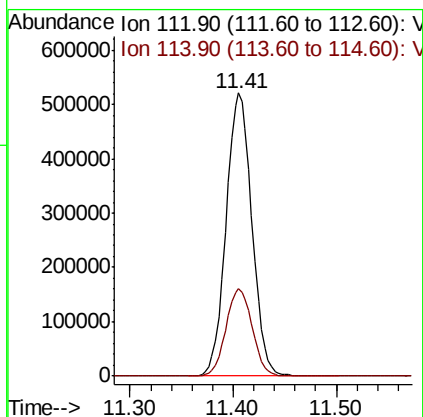
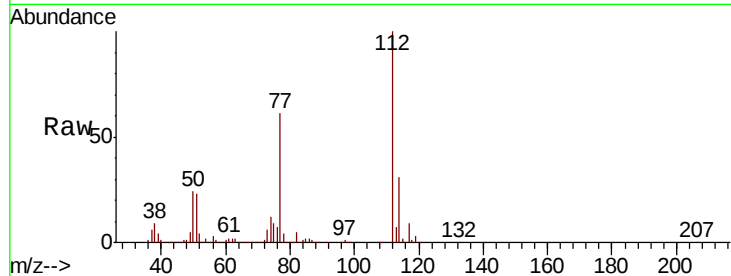




#65
Chlorobenzene
Concen: 54.236 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063155.D
Acq: 1 Sep 2020 15:00

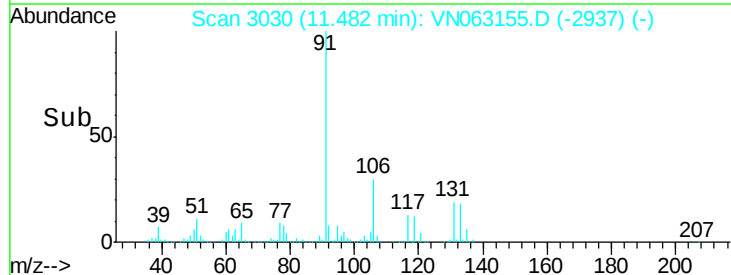
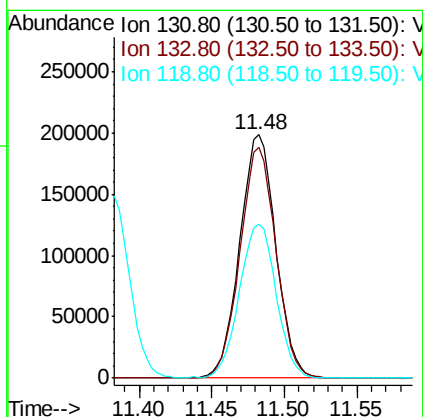
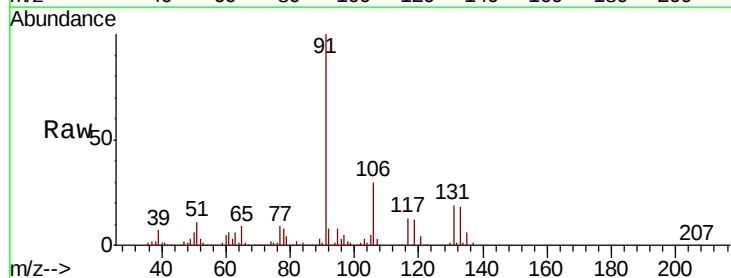
Instrument :
MSVOA_N
ClientSampled :

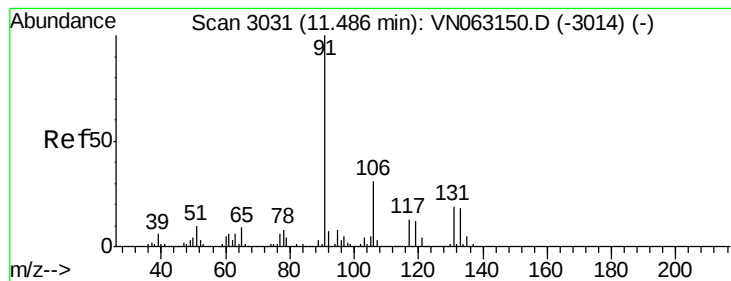
Tot Ion:112 Resp: 907362
Ion Ratio Lower Upper
112 100
114 30.8 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 55.398 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN063155.D
Acq: 1 Sep 2020 15:00

Tgt Ion:131 Resp: 344104
Ion Ratio Lower Upper
131 100
133 94.9 47.3 142.0
119 64.6 32.4 97.0





#67

Ethyl Benzene

Concen: 56.899 ug/l

RT: 11.49 min Scan# 3031

Delta R.T. -0.00 min

Lab File: VN063155.D

Acq: 1 Sep 2020 15:00

Instrument :

MSVOA_N

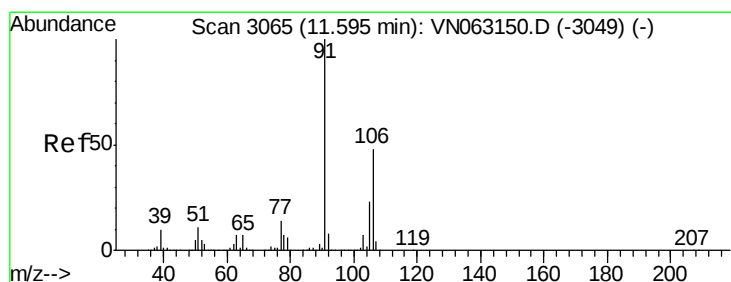
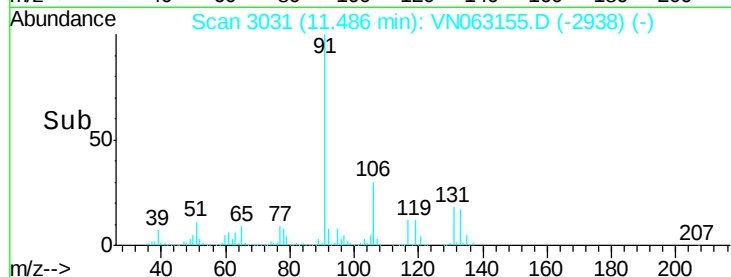
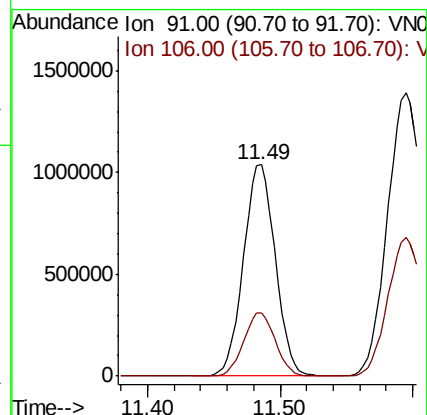
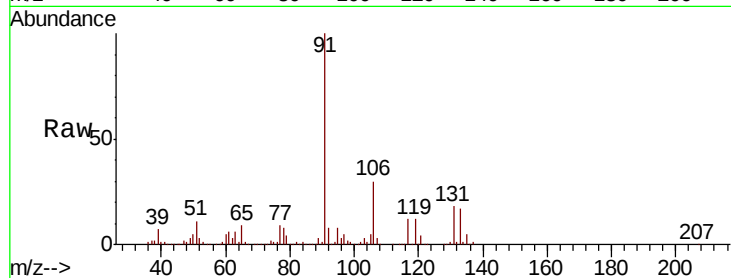
ClientSampled :

Tot Ion: 91 Resp: 1736573

Ion Ratio Lower Upper

91 100

106 29.8 24.4 36.6



#68

m/p-Xylenes

Concen: 114.000 ug/l

RT: 11.59 min Scan# 3065

Delta R.T. -0.00 min

Lab File: VN063155.D

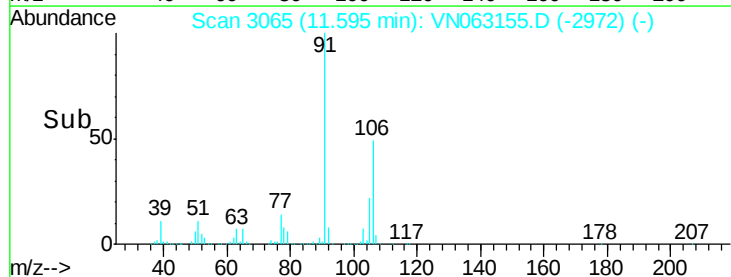
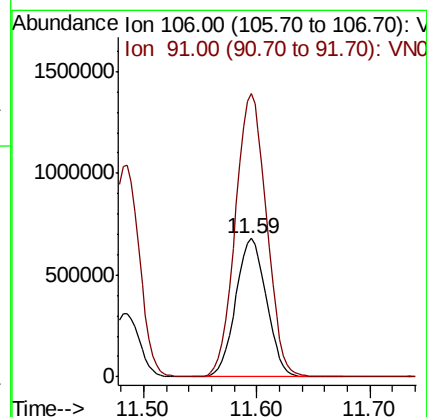
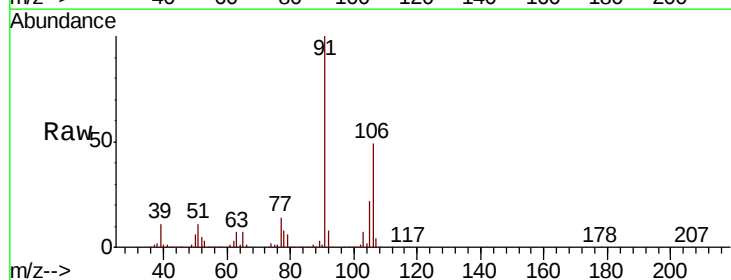
Acq: 1 Sep 2020 15:00

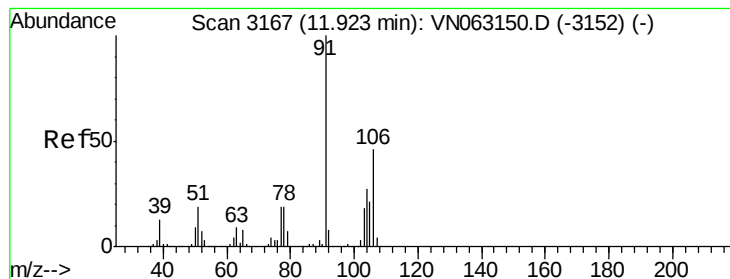
Tgt Ion:106 Resp: 1288630

Ion Ratio Lower Upper

106 100

91 207.1 166.7 250.1





#69

o-Xylene

Concen: 56.233 ug/l

RT: 11.92 min Scan# 3167

Delta R.T. -0.00 min

Lab File: VN063155.D

Acq: 1 Sep 2020 15:00

Instrument :

MSVOA_N

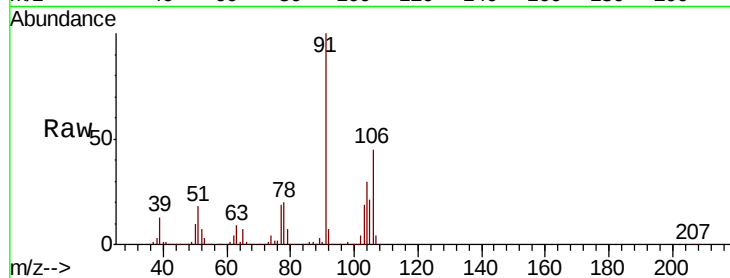
ClientSampled :

Tot Ion:106 Resp: 614055

Ion Ratio Lower Upper

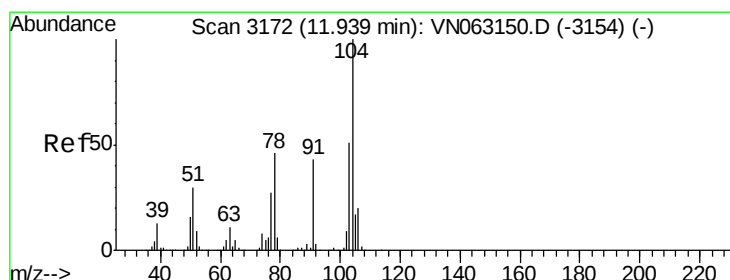
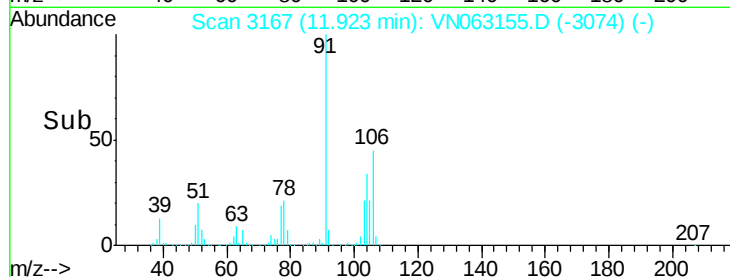
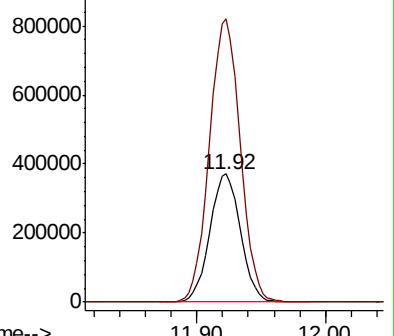
106 100

91 221.7 108.6 325.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#70

Styrene

Concen: 56.464 ug/l

RT: 11.94 min Scan# 3172

Delta R.T. -0.00 min

Lab File: VN063155.D

Acq: 1 Sep 2020 15:00

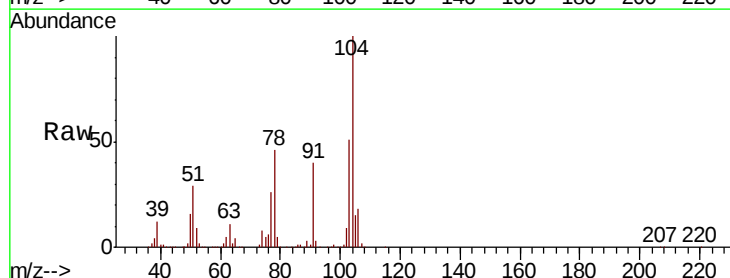
Tgt Ion:104 Resp: 1059659

Ion Ratio Lower Upper

104 100

78 51.6 41.0 61.6

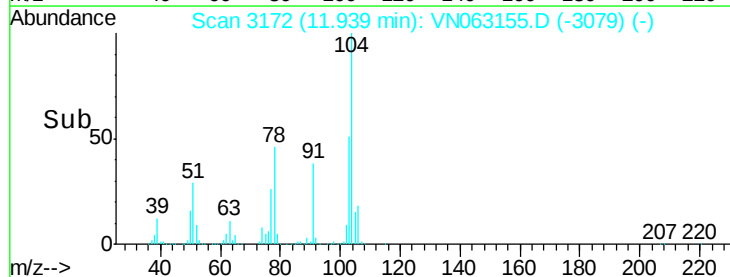
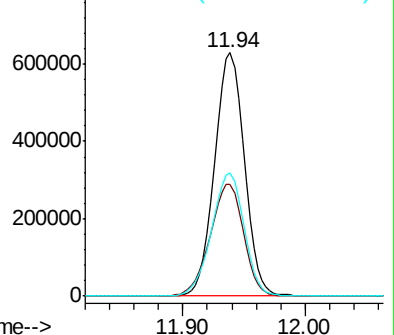
103 55.4 43.8 65.8

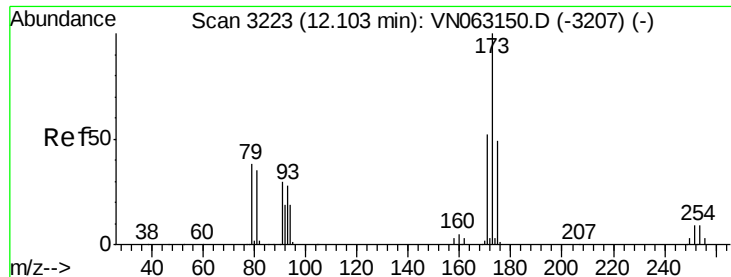


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN

Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 56.850 ug/l

RT: 12.10 min Scan# 3223

Delta R.T. -0.00 min

Lab File: VN063155.D

Acq: 1 Sep 2020 15:00

Instrument :

MSVOA_N

ClientSampled :

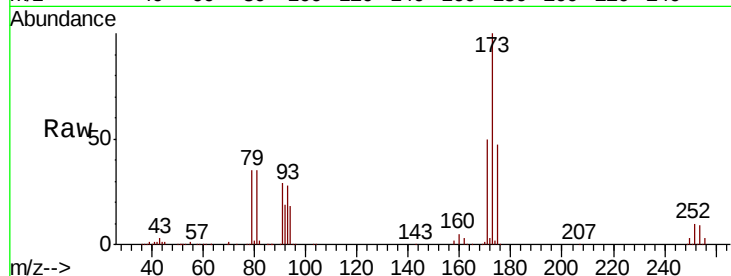
Tot Ion:173 Resp: 239643

Ion Ratio Lower Upper

173 100

175 47.0 24.6 73.8

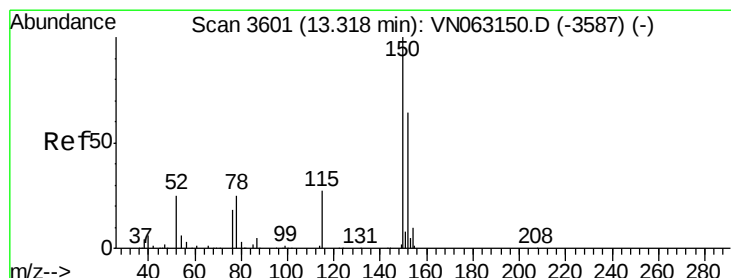
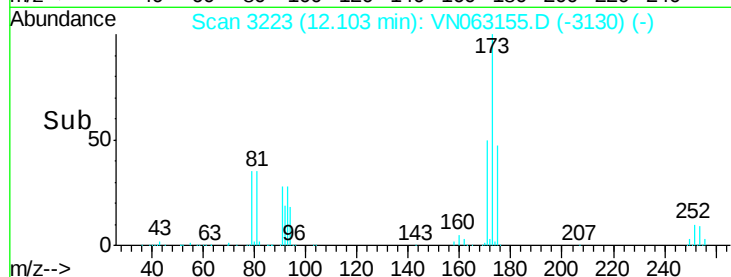
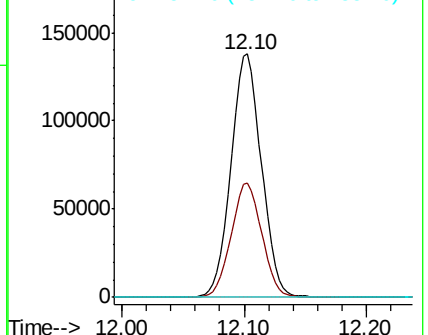
254 0.1 0.0 0.0#



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: VN063155.D

Acq: 1 Sep 2020 15:00

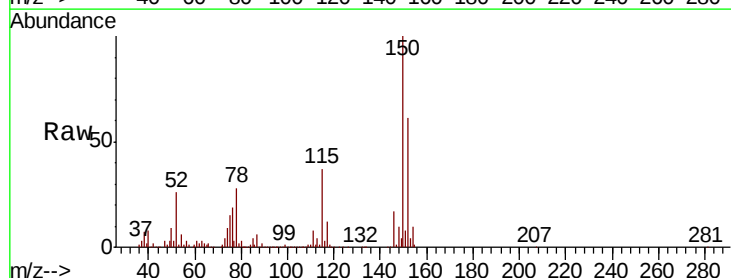
Tgt Ion:152 Resp: 410032

Ion Ratio Lower Upper

152 100

115 61.7 32.0 96.2

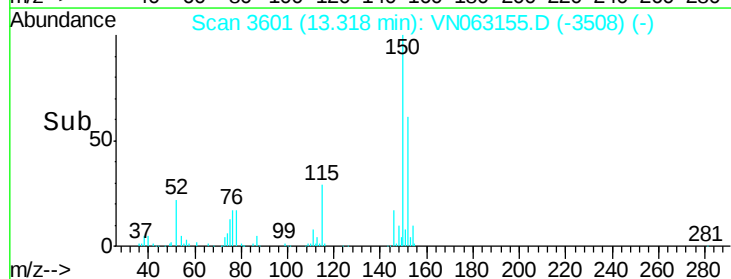
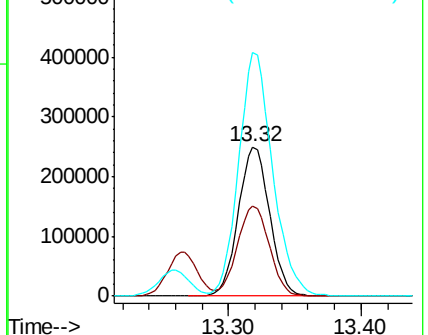
150 176.4 0.0 353.0

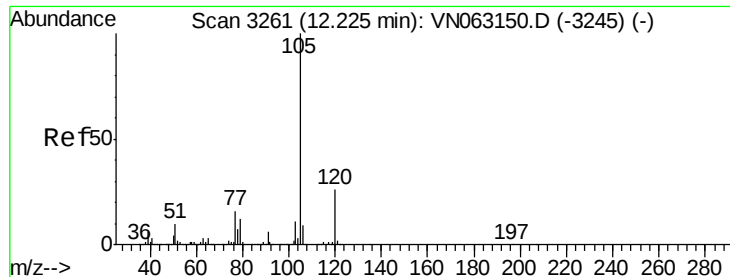


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

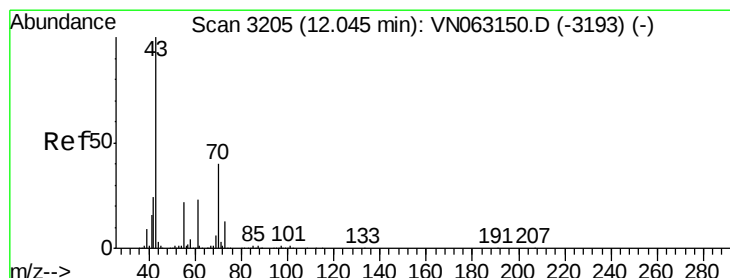
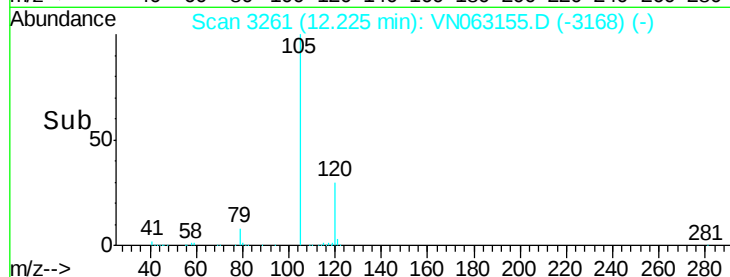
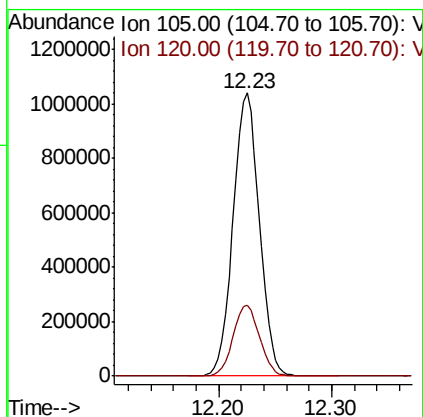
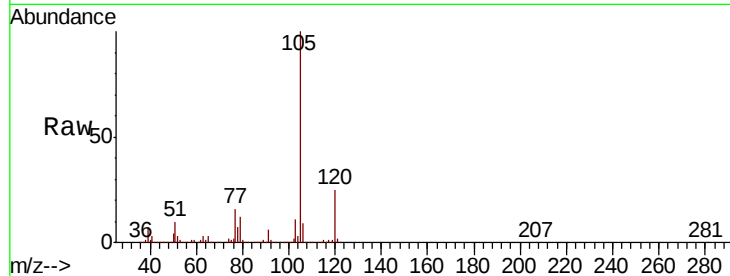




#73
Isopropylbenzene
Concen: 53.480 ug/l
RT: 12.23 min Scan# 3261
Delta R.T. -0.00 min
Lab File: VN063155.D
Acq: 1 Sep 2020 15:00

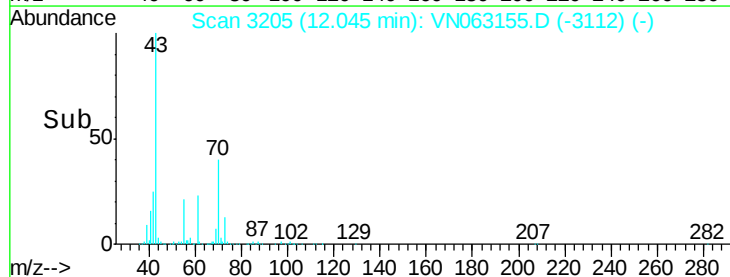
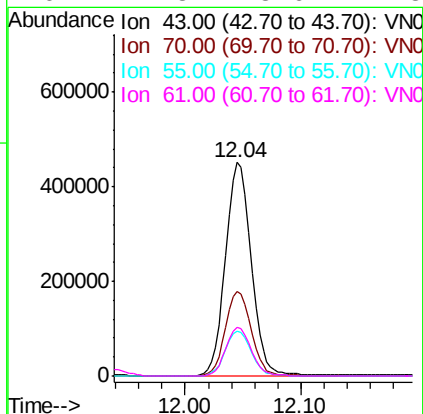
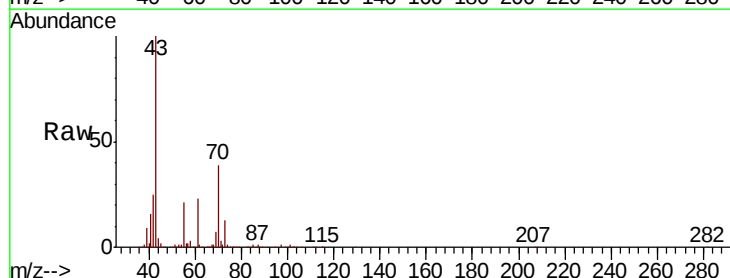
Instrument :
MSVOA_N
ClientSampleId :

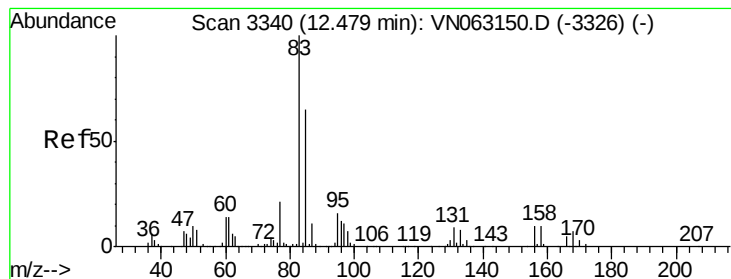
Tot Ion:105 Resp: 1681900
Ion Ratio Lower Upper
105 100
120 25.3 12.9 38.6



#74
N-ethyl acetate
Concen: 53.076 ug/l
RT: 12.04 min Scan# 3205
Delta R.T. -0.00 min
Lab File: VN063155.D
Acq: 1 Sep 2020 15:00

Tgt Ion: 43 Resp: 691395
Ion Ratio Lower Upper
43 100
70 39.8 32.1 48.1
55 21.7 17.4 26.0
61 22.8 18.6 27.8





#75

1,1,2,2-Tetrachloroethane

Concen: 48.830 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063155.D

Acq: 1 Sep 2020 15:00

Instrument :

MSVOA_N

ClientSampleId :

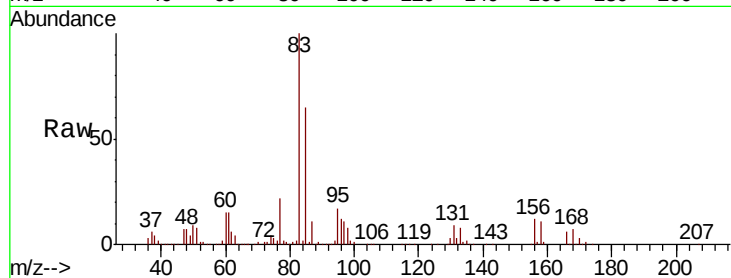
Tot Ion: 83 Resp: 442736

Ion Ratio Lower Upper

83 100

131 9.3 4.7 14.0

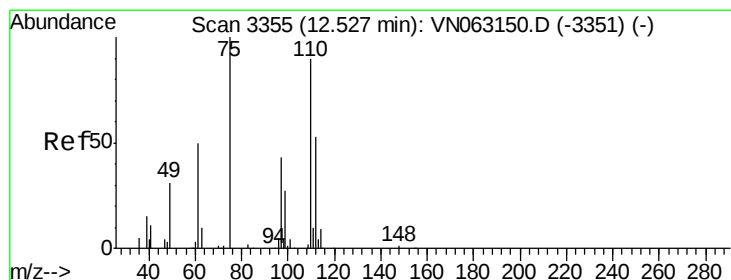
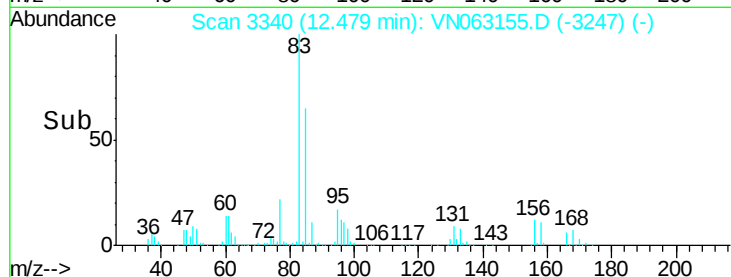
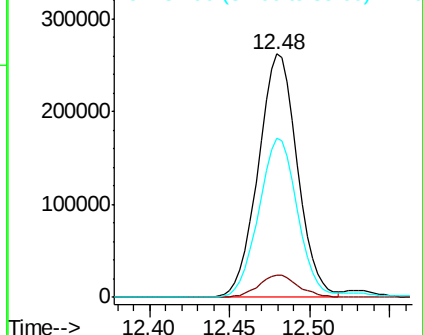
85 64.8 32.7 98.1



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: 77.249 ug/l

RT: 12.53 min Scan# 3356

Delta R.T. 0.00 min

Lab File: VN063155.D

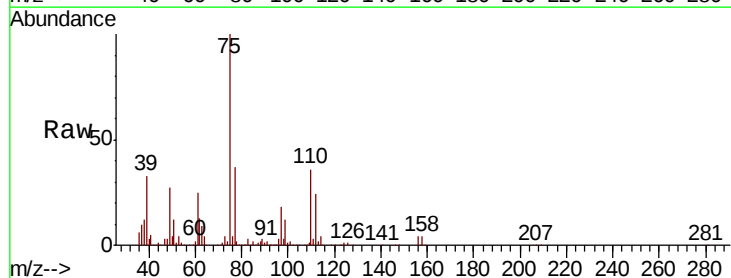
Acq: 1 Sep 2020 15:00

Tgt Ion: 75 Resp: 622335

Ion Ratio Lower Upper

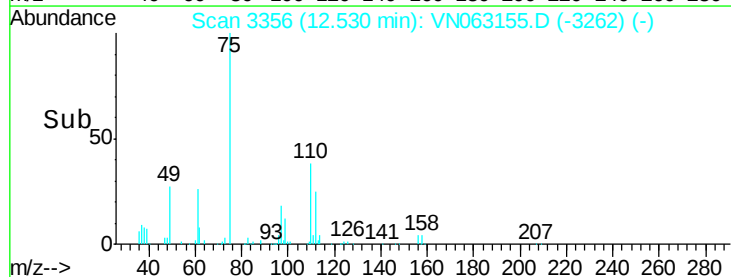
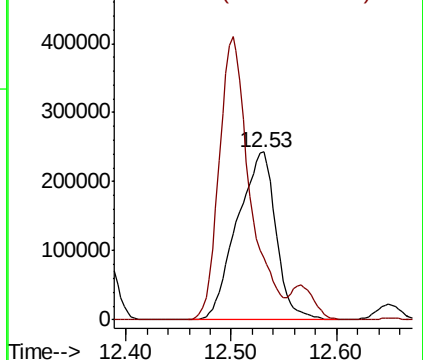
75 100

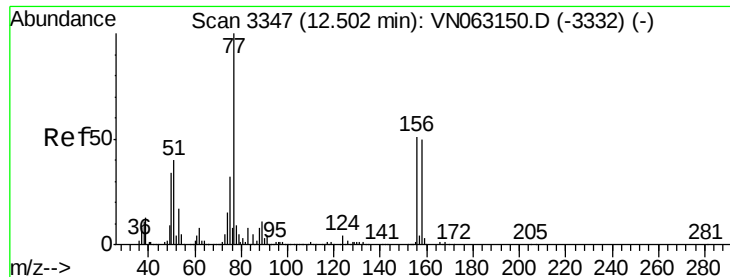
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 52.691 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. -0.00 min

Lab File: VN063155.D

Acq: 1 Sep 2020 15:00

Instrument :

MSVOA_N

ClientSampleId :

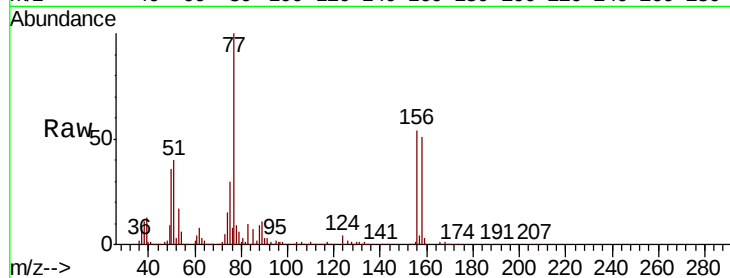
Tot Ion:156 Resp: 374766

Ion	Ratio	Lower	Upper
156	100		
77	220.6	116.1	348.3
158	96.2	48.8	146.4

156 100

77 220.6 116.1 348.3

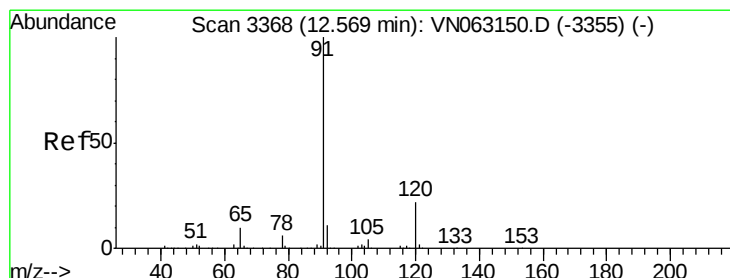
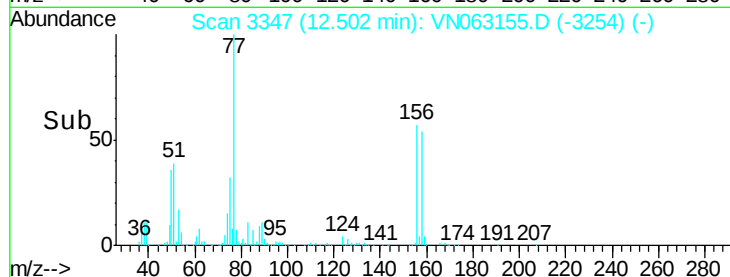
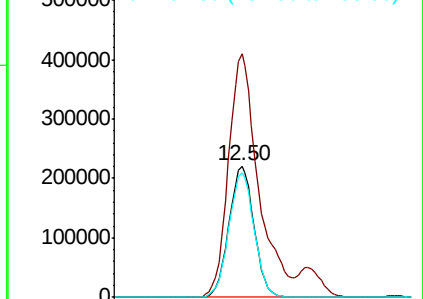
158 96.2 48.8 146.4



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: 55.012 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063155.D

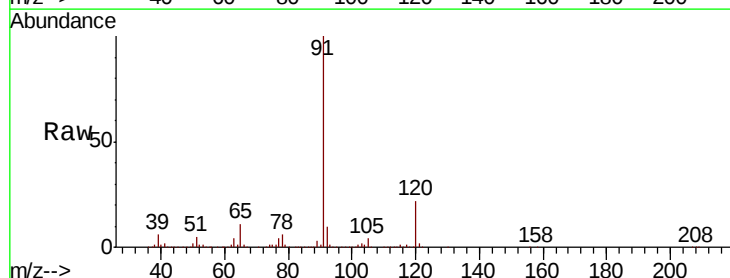
Acq: 1 Sep 2020 15:00

Tgt Ion: 91 Resp: 2001986

Ion	Ratio	Lower	Upper
91	100		
120	21.8	10.9	32.7

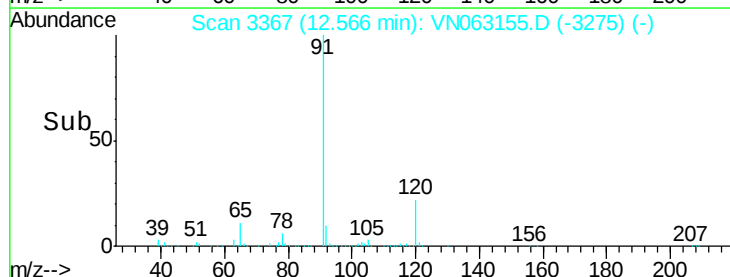
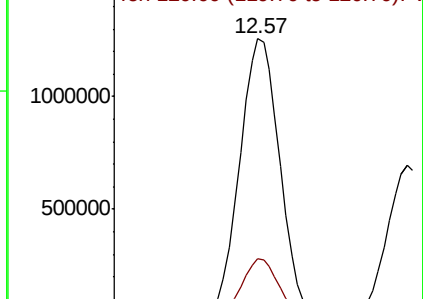
91 100

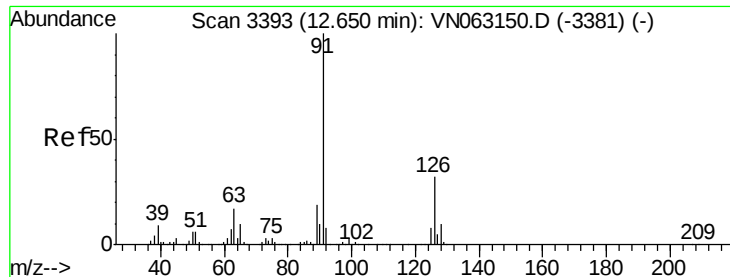
120 21.8 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.386 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. -0.00 min

Lab File: VN063155.D

Acq: 1 Sep 2020 15:00

Instrument :

MSVOA_N

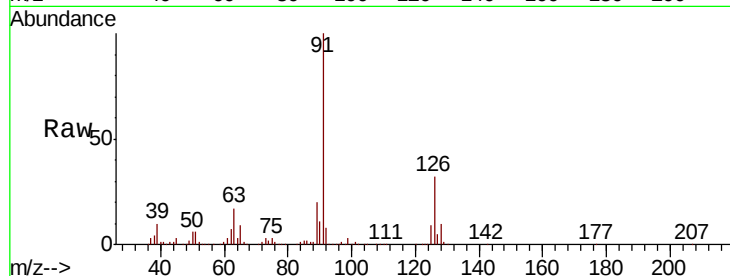
ClientSampled :

Tot Ion: 91 Resp: 1141832

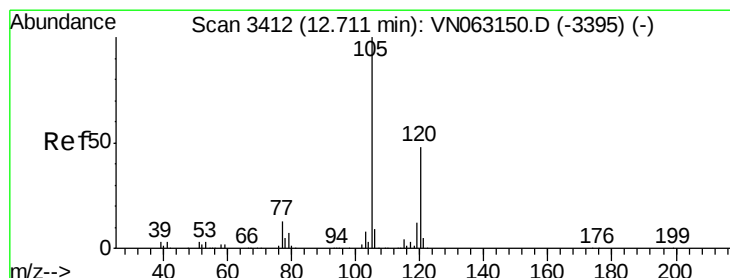
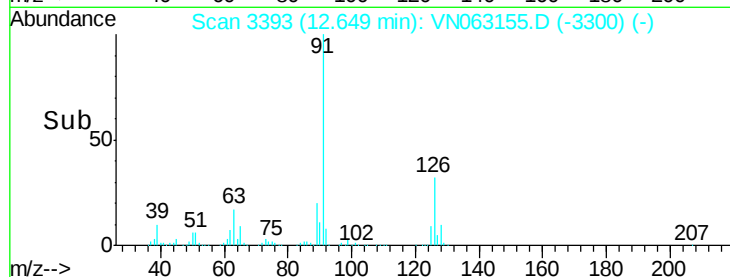
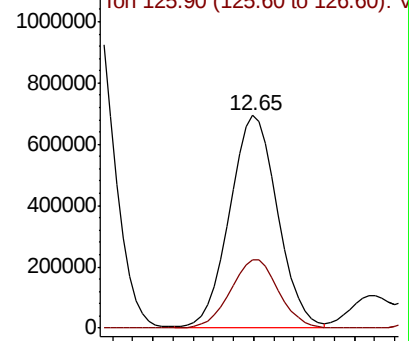
Ion Ratio Lower Upper

91 100

126 32.5 16.1 48.3



Abundance Ion 91.00 (90.70 to 91.70): VN063155.D (-3393) (-)



#80

1,3,5-Trimethylbenzene

Concen: 54.917 ug/l

RT: 12.71 min Scan# 3412

Delta R.T. -0.00 min

Lab File: VN063155.D

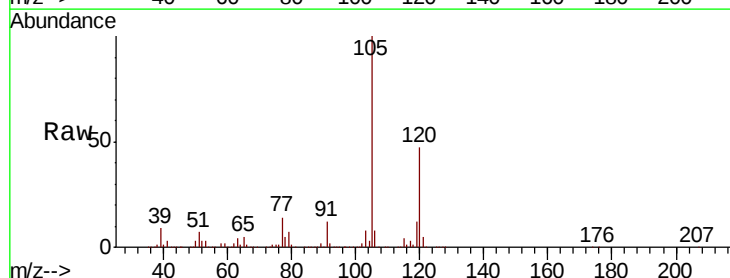
Acq: 1 Sep 2020 15:00

Tgt Ion:105 Resp: 1437552

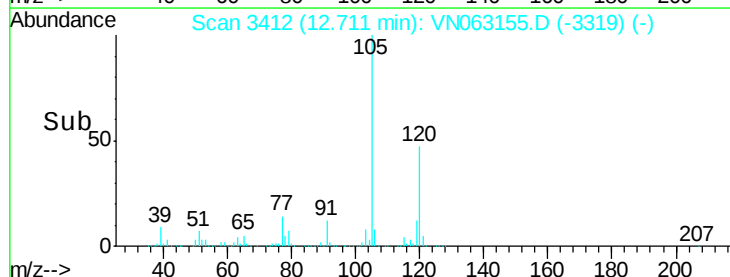
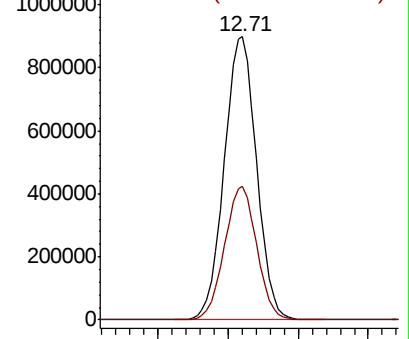
Ion Ratio Lower Upper

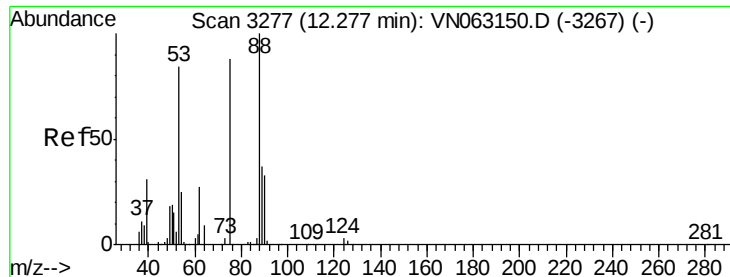
105 100

120 46.9 24.2 72.6



Abundance Ion 105.00 (104.70 to 105.70): VN063155.D (-3412) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 48.342 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. -0.00 min

Lab File: VN063155.D

Acq: 1 Sep 2020 15:00

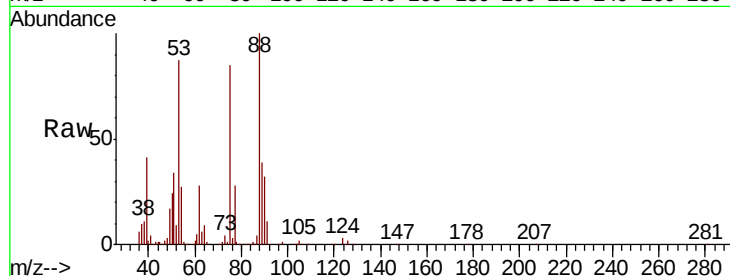
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 75 Resp: 161134

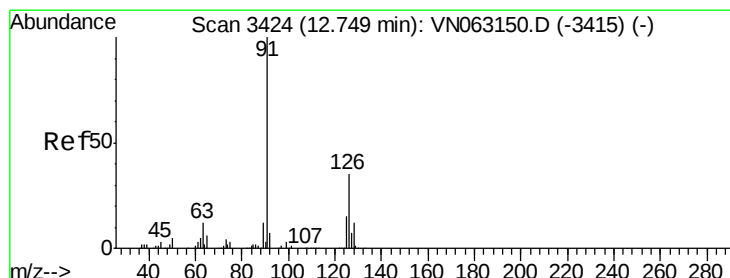
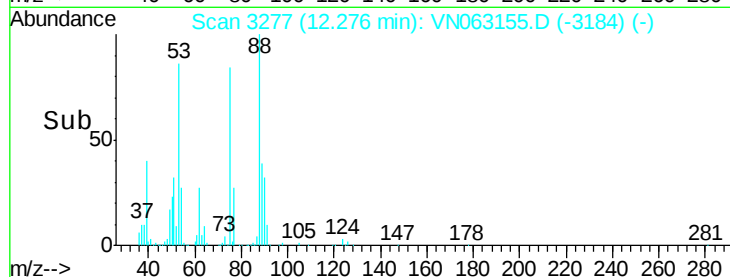
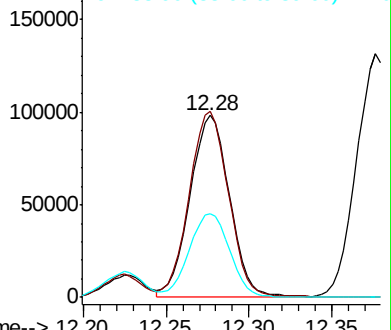
Ion	Ratio	Lower	Upper
75	100		
53	102.6	78.7	118.1
89	46.9	35.3	52.9



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: 54.241 ug/l

RT: 12.75 min Scan# 3424

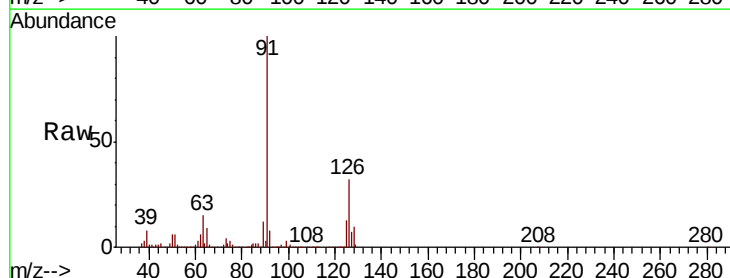
Delta R.T. -0.00 min

Lab File: VN063155.D

Acq: 1 Sep 2020 15:00

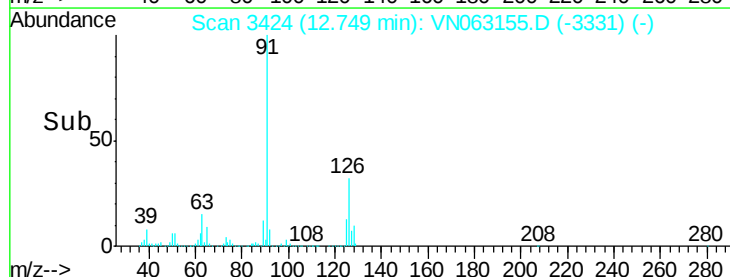
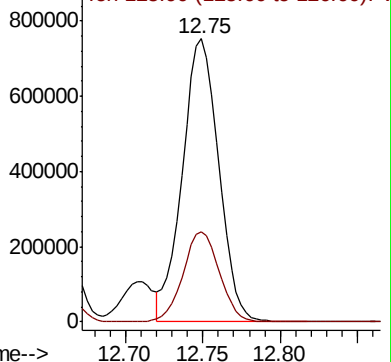
Tgt Ion: 91 Resp: 1226157

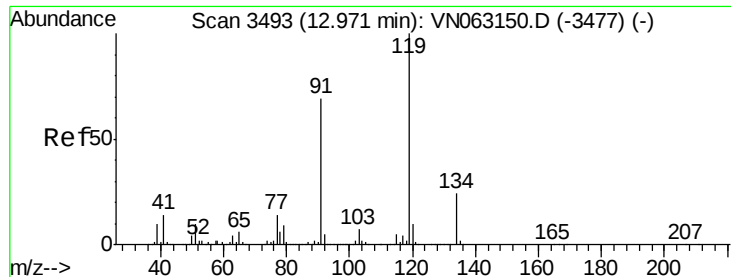
Ion	Ratio	Lower	Upper
91	100		
126	31.8	16.2	48.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 52.579 ug/l

RT: 12.97 min Scan# 3493

Delta R.T. -0.00 min

Lab File: VN063155.D

Acq: 1 Sep 2020 15:00

Instrument :

MSVOA_N

ClientSampleId :

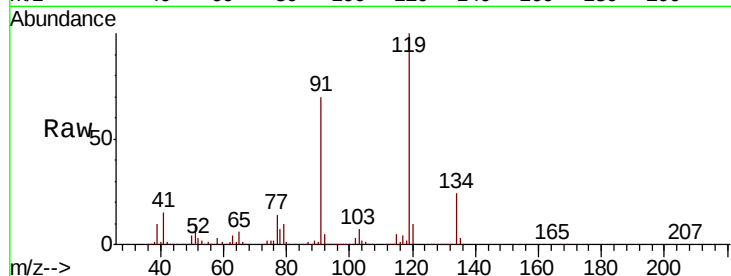
Tot Ion:119 Resp: 1180394

Ion Ratio Lower Upper

119 100

91 68.2 33.7 101.0

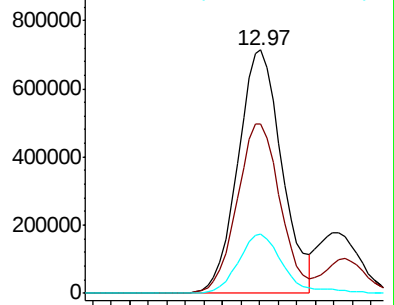
134 24.8 12.0 36.0



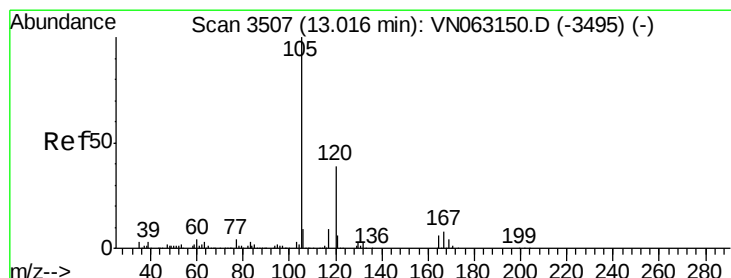
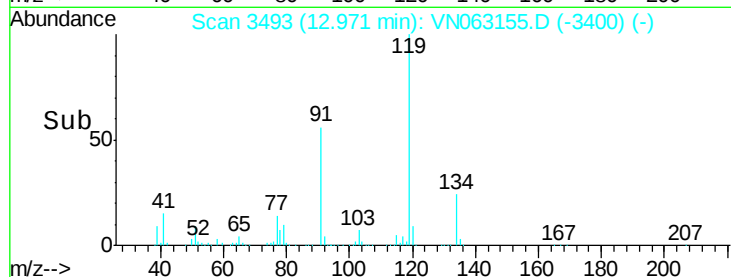
Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



Time-->



#84

1,2,4-Trimethylbenzene

Concen: 55.226 ug/l

RT: 13.02 min Scan# 3507

Delta R.T. -0.00 min

Lab File: VN063155.D

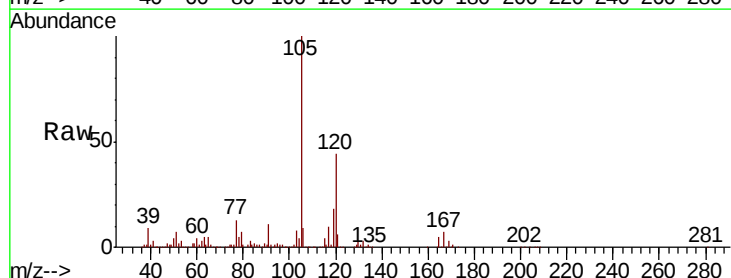
Acq: 1 Sep 2020 15:00

Tgt Ion:105 Resp: 1457165

Ion Ratio Lower Upper

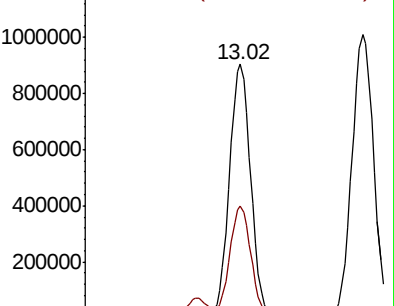
105 100

120 43.9 22.6 67.7

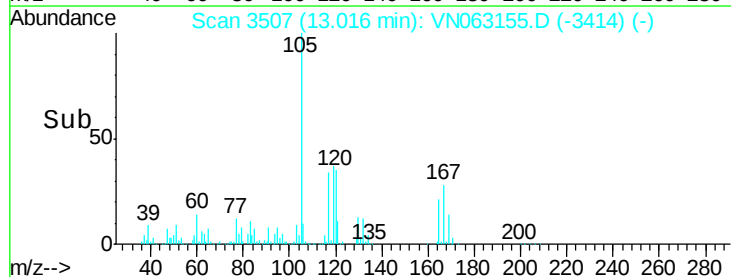


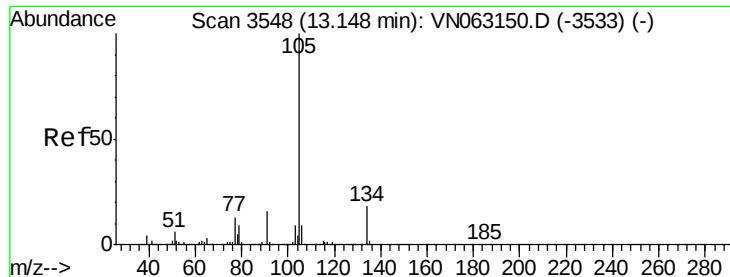
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->





#85

sec-Butylbenzene

Concen: 56.328 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. -0.00 min

Lab File: VN063155.D

Acq: 1 Sep 2020 15:00

Instrument :

MSVOA_N

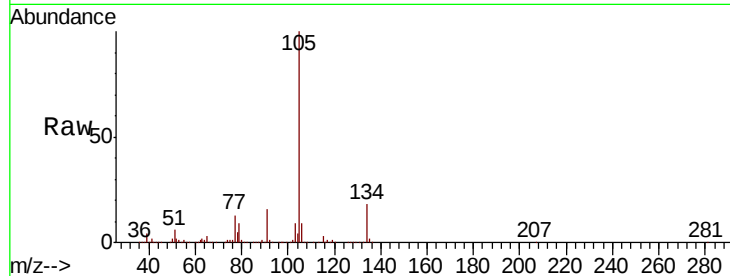
ClientSampled :

Tot Ion:105 Resp: 1648091

Ion Ratio Lower Upper

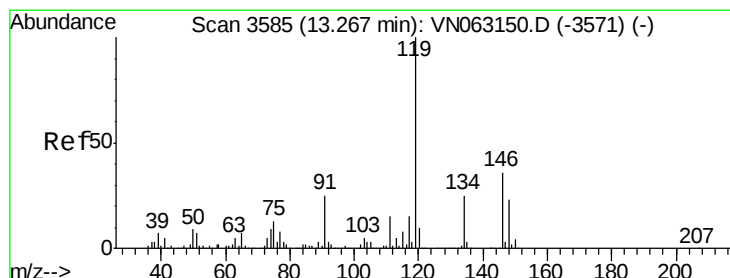
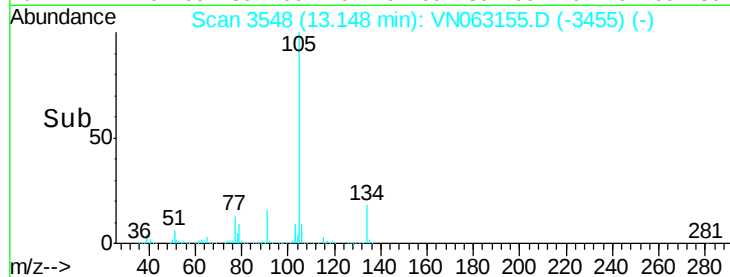
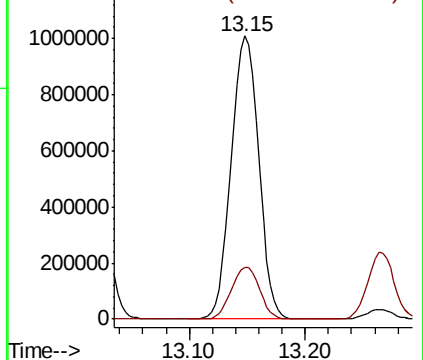
105 100

134 18.9 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: 57.078 ug/l

RT: 13.27 min Scan# 3585

Delta R.T. -0.00 min

Lab File: VN063155.D

Acq: 1 Sep 2020 15:00

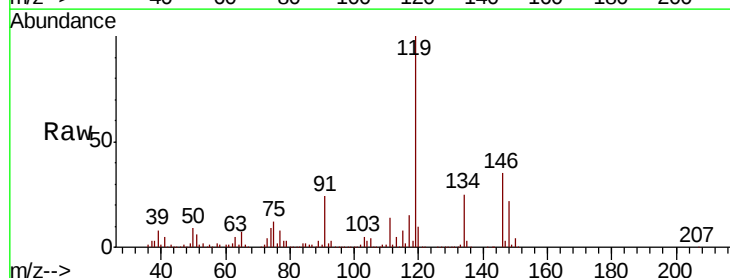
Tgt Ion:119 Resp: 1482689

Ion Ratio Lower Upper

119 100

134 25.3 12.4 37.4

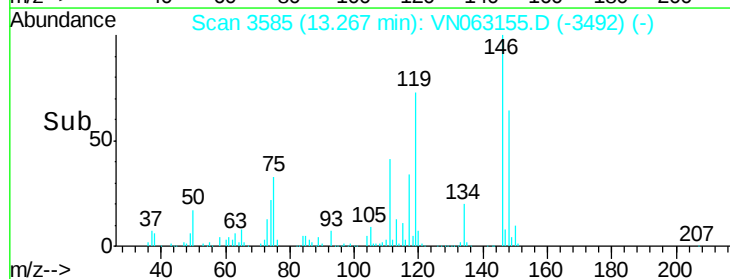
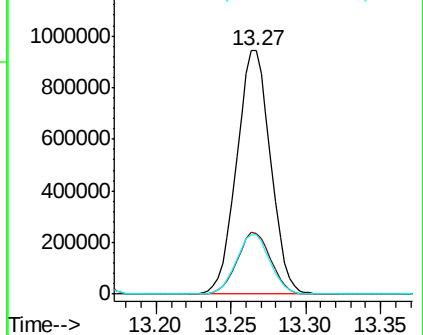
91 24.4 12.2 36.6

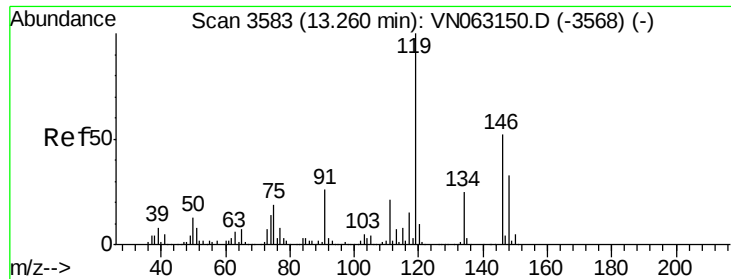


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

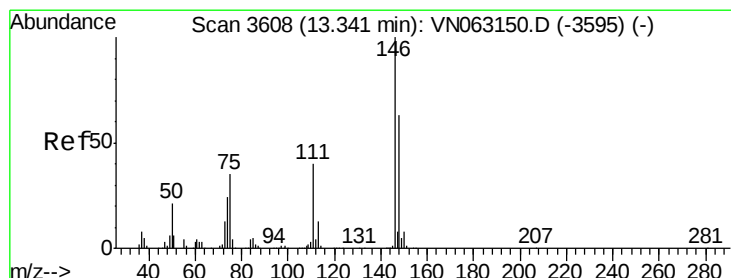
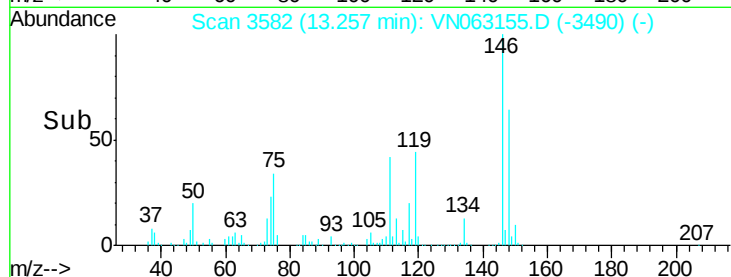
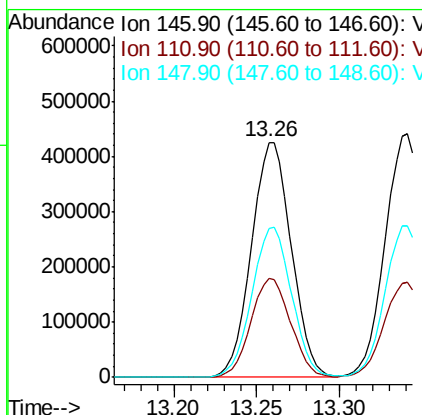
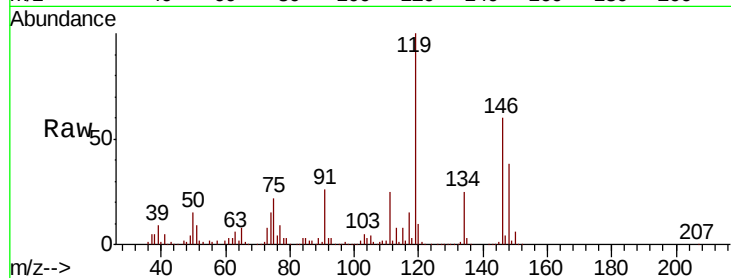




#87
 1,3-Dichlorobenzene
 Concen: 54.424 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN063155.D
 Acq: 1 Sep 2020 15:00

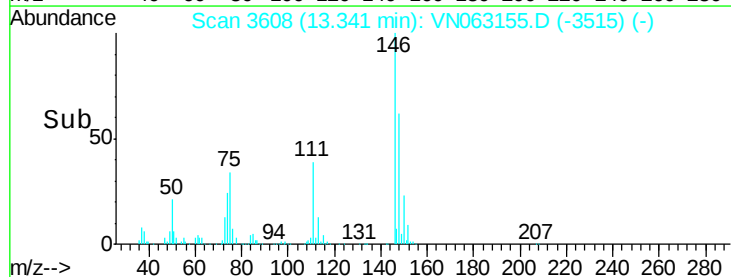
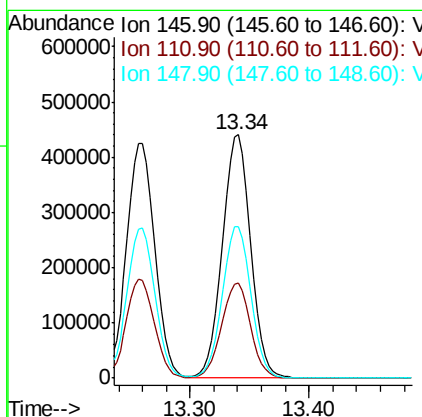
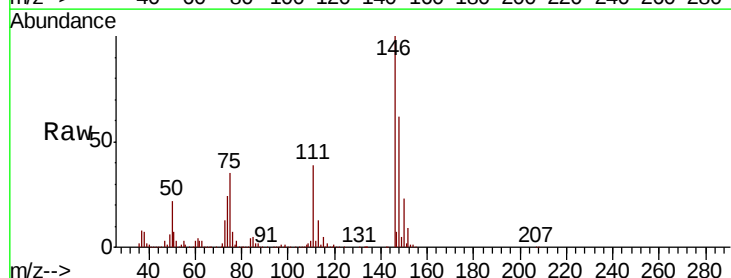
Instrument :
 MSVOA_N
 ClientSampled :

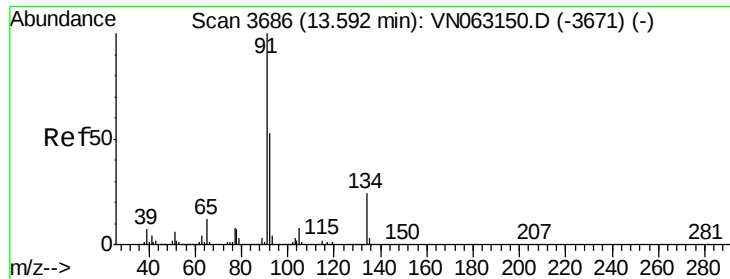
Tot Ion:146 Resp: 711113
 Ion Ratio Lower Upper
 146 100
 111 41.8 21.3 63.7
 148 63.6 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 53.552 ug/l
 RT: 13.34 min Scan# 3608
 Delta R.T. -0.00 min
 Lab File: VN063155.D
 Acq: 1 Sep 2020 15:00

Tgt Ion:146 Resp: 724520
 Ion Ratio Lower Upper
 146 100
 111 39.7 20.5 61.5
 148 62.9 31.9 95.7

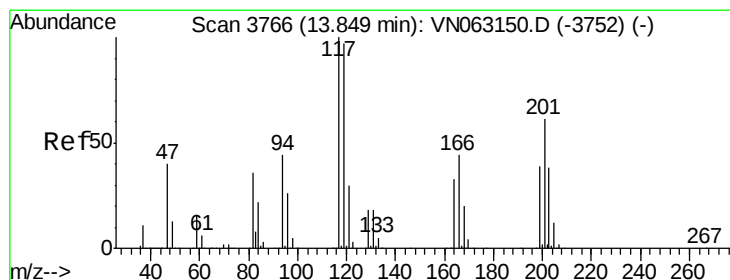
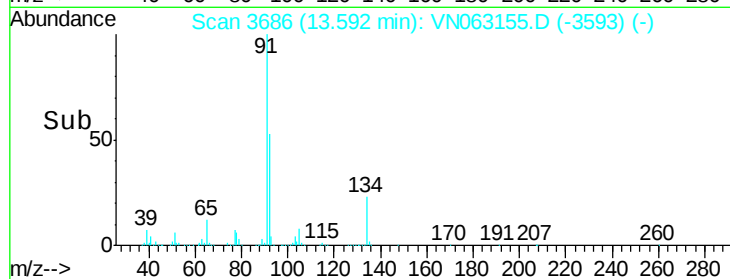
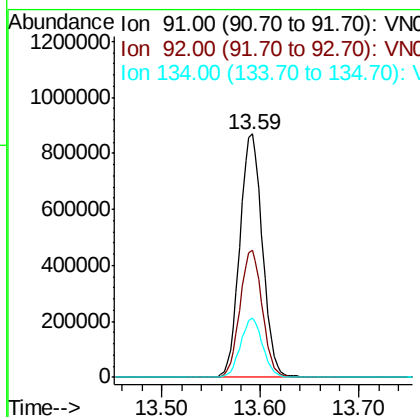
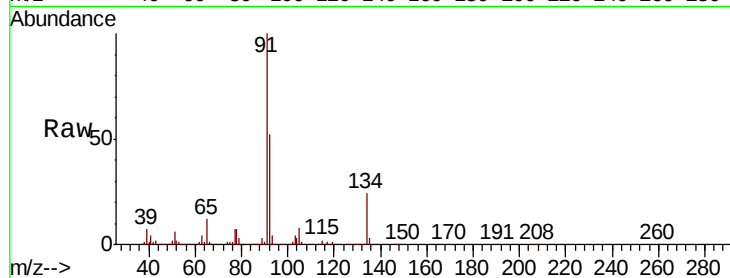




#89
n-Butylbenzene
Concen: 57.317 ug/l
RT: 13.59 min Scan# 3686
Delta R.T. -0.00 min
Lab File: VN063155.D
Acq: 1 Sep 2020 15:00

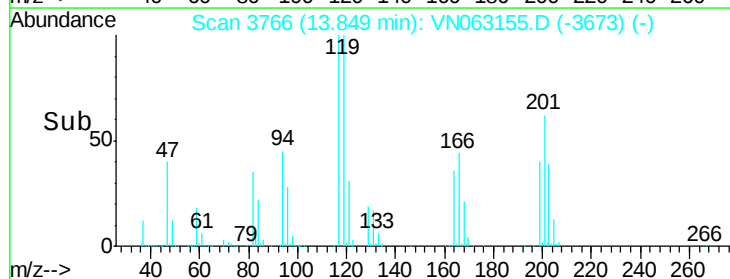
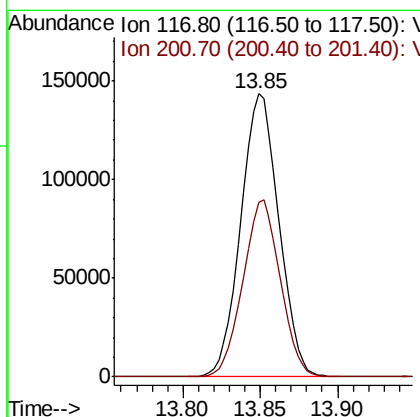
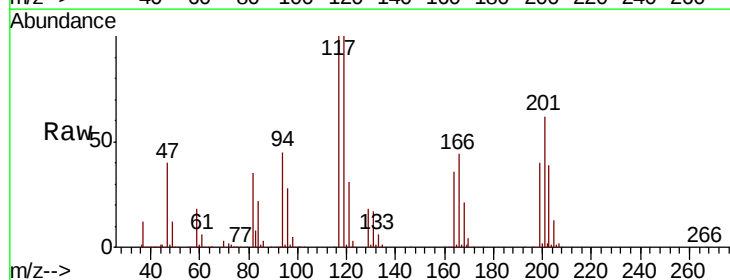
Instrument :
MSVOA_N
ClientSampled :

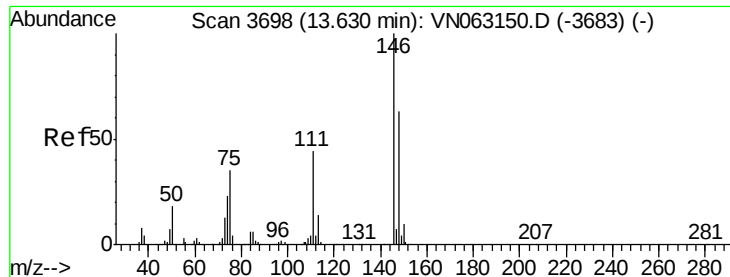
Tot Ion: 91 Resp: 1375501
Ion Ratio Lower Upper
91 100
92 51.7 26.3 78.8
134 23.7 12.0 36.0



#90
Hexachloroethane
Concen: 51.226 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. -0.00 min
Lab File: VN063155.D
Acq: 1 Sep 2020 15:00

Tgt Ion: 117 Resp: 246325
Ion Ratio Lower Upper
117 100
201 61.1 30.6 92.0

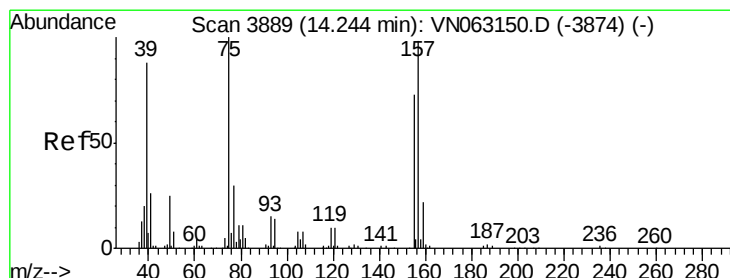
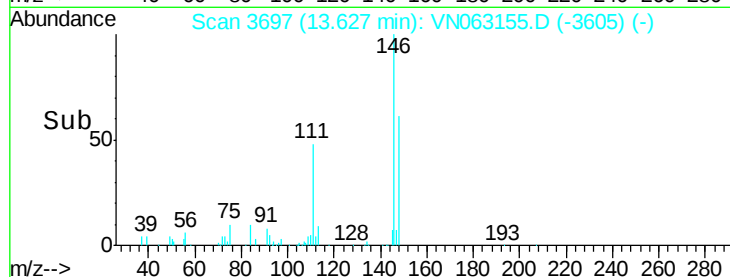
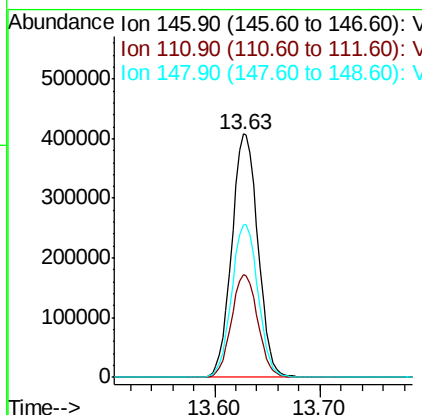
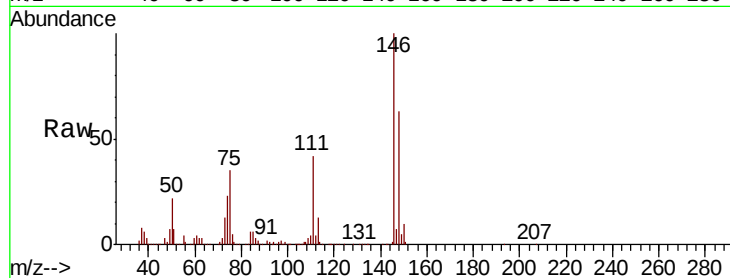




#91
 1,2-Dichlorobenzene
 Concen: 55.322 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN063155.D
 Acq: 1 Sep 2020 15:00

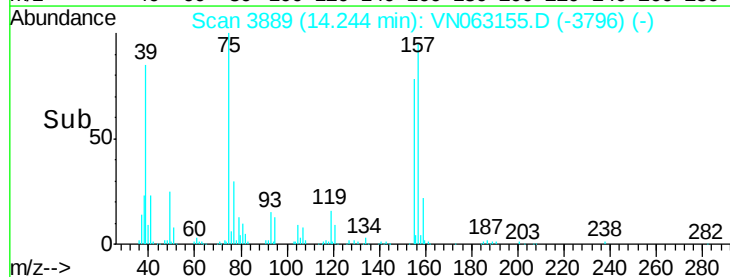
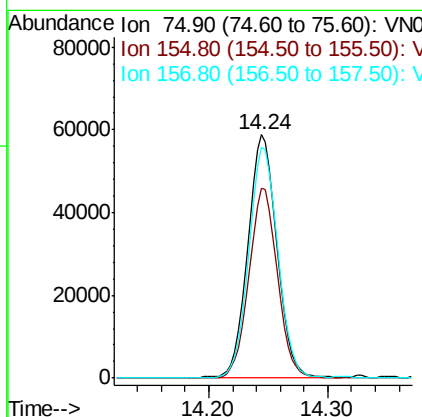
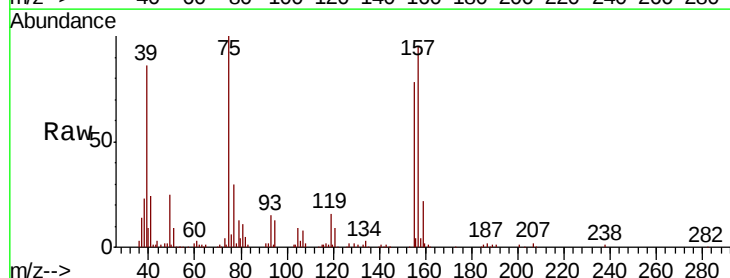
Instrument :
 MSVOA_N
 ClientSampled :

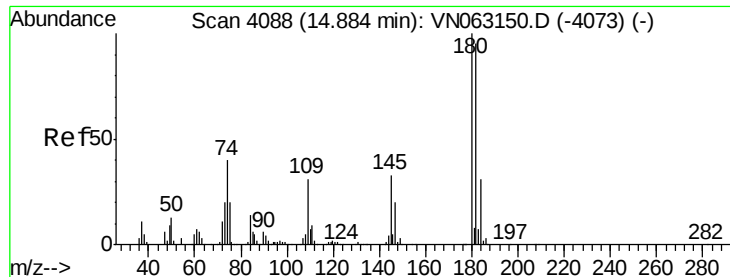
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.5	22.0	66.0
148	63.3	31.6	95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.020 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. -0.00 min
 Lab File: VN063155.D
 Acq: 1 Sep 2020 15:00

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.3	36.1	108.5
157	94.6	48.4	145.0

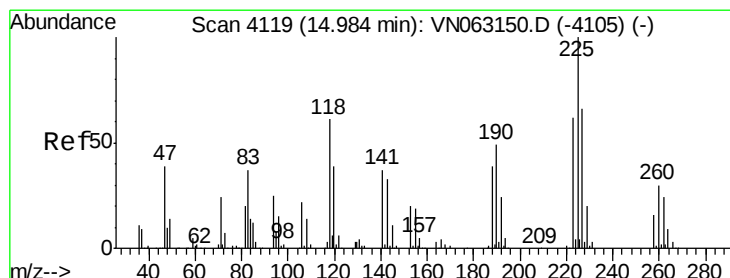
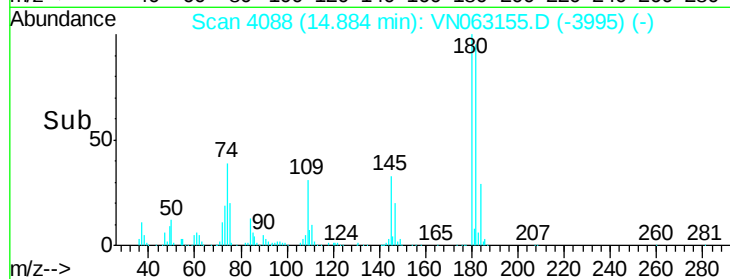
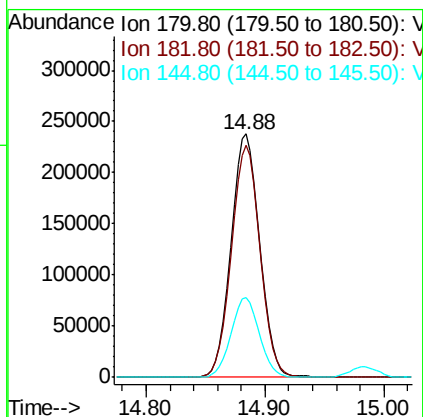
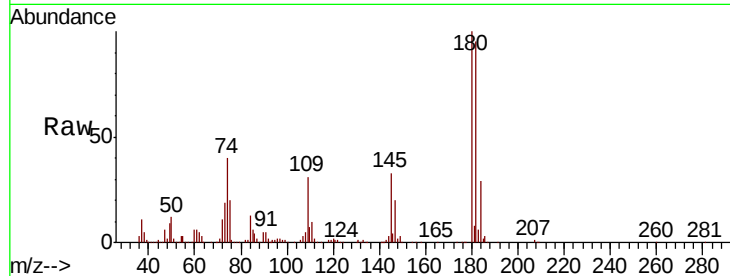




#93
 1,2,4-Trichlorobenzene
 Concen: 56.011 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. -0.00 min
 Lab File: VN063155.D
 Acq: 1 Sep 2020 15:00

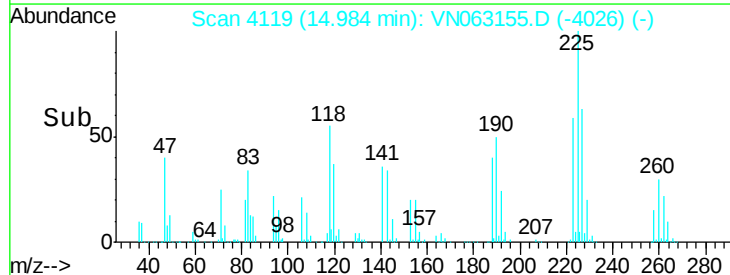
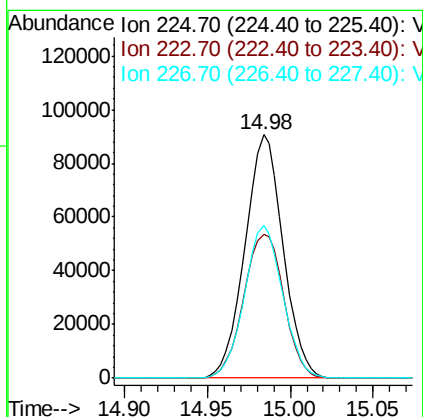
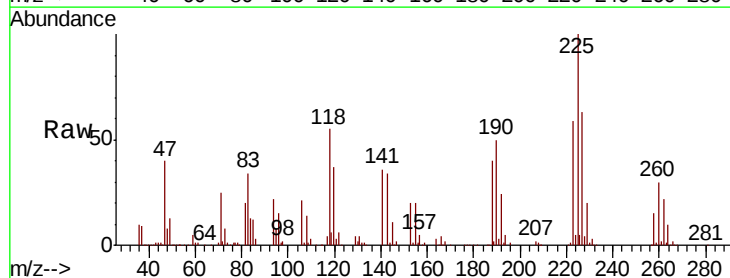
Instrument :
 MSVOA_N
 ClientSampleId :

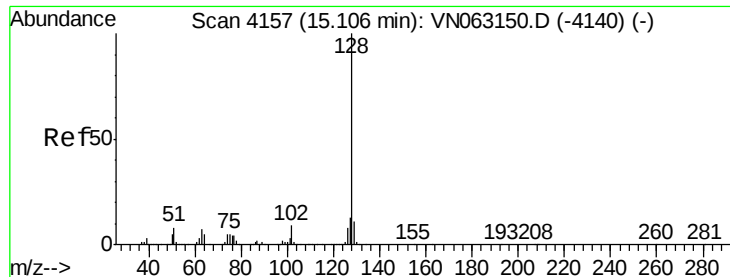
Tot Ion:180 Resp: 396777
 Ion Ratio Lower Upper
 180 100
 182 95.0 47.5 142.5
 145 32.3 16.6 49.8



#94
 Hexachlorobutadiene
 Concen: 54.597 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. -0.00 min
 Lab File: VN063155.D
 Acq: 1 Sep 2020 15:00

Tgt Ion:225 Resp: 144481
 Ion Ratio Lower Upper
 225 100
 223 62.5 30.9 92.7
 227 63.2 32.9 98.7





#95

Naphthalene

Concen: 53.055 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. -0.00 min

Lab File: VN063155.D

Acq: 1 Sep 2020 15:00

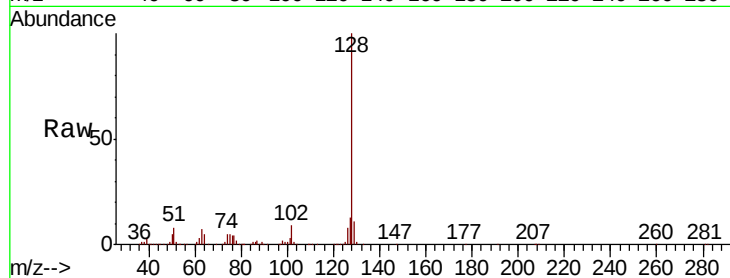
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:128 Resp: 1253915

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.5	15.7
129	10.7	8.6	13.0

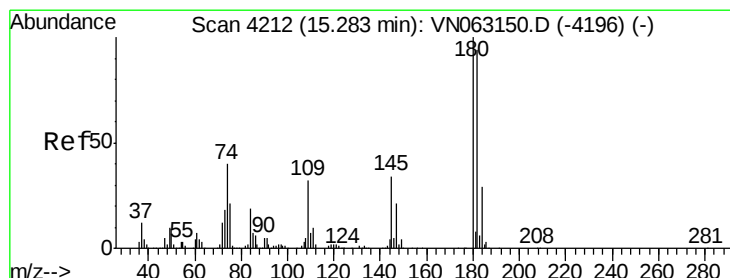
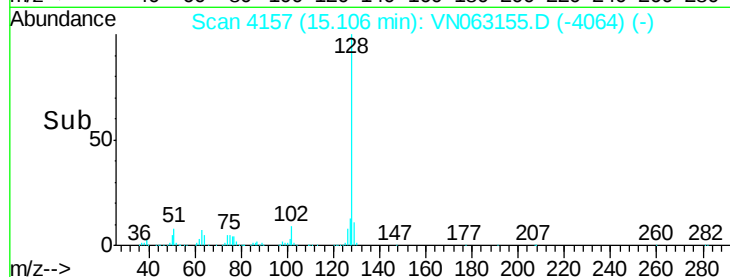
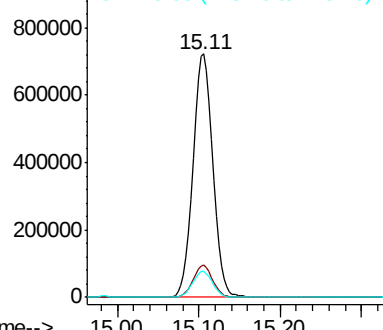


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 53.453 ug/l

RT: 15.29 min Scan# 4213

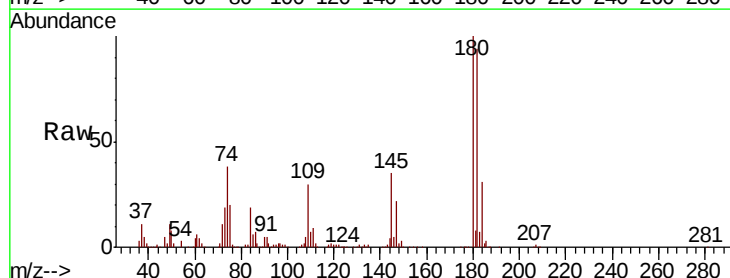
Delta R.T. 0.00 min

Lab File: VN063155.D

Acq: 1 Sep 2020 15:00

Tgt Ion:180 Resp: 368911

Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.5	142.5
145	34.5	17.3	52.0



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

