

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090120\
 Data File : VN063160.D
 Acq On : 1 Sep 2020 17:17
 Operator : JC/MD
 Sample : VN0901WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0901WBSD01

Quant Time: Sep 02 04:35:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 01 04:21:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	423229	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	776793	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	718265	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	321341	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	328754	47.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.04%	
35) Dibromofluoromethane	7.55	113	234341	47.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.04%	
50) Toluene-d8	10.06	98	919295	47.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.86%	
62) 4-Bromofluorobenzene	12.38	95	316994	47.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	77144	18.508	ug/l	97
3) Chloromethane	2.04	50	109996	18.123	ug/l	98
4) Vinyl Chloride	2.17	62	125224	18.678	ug/l	98
5) Bromomethane	2.54	94	113767	20.159	ug/l	100
6) Chloroethane	2.68	64	105417	19.776	ug/l	98
7) Trichlorofluoromethane	2.98	101	189592	18.029	ug/l	100
8) Diethyl Ether	3.37	74	60002	18.705	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	88845	19.496	ug/l	98
10) Methyl Iodide	3.91	142	95700	15.398	ug/l	97
11) Tert butyl alcohol	4.73	59	90412	106.461	ug/l #	92
12) 1,1-Dichloroethene	3.70	96	86271	18.579	ug/l	97
13) Acrolein	3.57	56	15973	62.055	ug/l	83
14) Allyl chloride	4.28	41	160071	19.410	ug/l	97
15) Acrylonitrile	4.93	53	234373	99.980	ug/l	99
16) Acetone	3.78	43	205098	104.283	ug/l	99
17) Carbon Disulfide	4.01	76	246826	17.859	ug/l	99
18) Methyl Acetate	4.28	43	108784	21.572	ug/l #	73
19) Methyl tert-butyl Ether	4.99	73	331286	19.232	ug/l	98
20) Methylene Chloride	4.51	84	106691	18.987	ug/l	93
21) trans-1,2-Dichloroethene	4.99	96	96796	18.868	ug/l	97
22) Diisopropyl ether	5.90	45	344500	18.641	ug/l	96
23) Vinyl Acetate	5.84	43	1460602	99.052	ug/l	98
24) 1,1-Dichloroethane	5.80	63	185359	18.194	ug/l	99
25) 2-Butanone	6.78	43	329598	108.231	ug/l	99
26) 2,2-Dichloropropane	6.78	77	164416	17.812	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	116358	18.660	ug/l	98
28) Bromochloromethane	7.15	49	94953	17.839	ug/l	100
29) Tetrahydrofuran	7.16	42	211027	100.217	ug/l	99
30) Chloroform	7.33	83	198150	18.590	ug/l	98
31) Cyclohexane	7.61	56	168834	17.672	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	175238	19.079	ug/l	98
36) 1,1-Dichloropropene	7.75	75	137367	18.395	ug/l	98
37) Ethyl Acetate	6.88	43	148168	21.233	ug/l #	71
38) Carbon Tetrachloride	7.73	117	142666	18.838	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	159951	19.066	ug/l	98
40) Benzene	8.00	78	425564	19.393	ug/l	100
41) Methacrylonitrile	7.14	41	64974m	20.653	ug/l	
42) 1,2-Dichloroethane	8.09	62	160888	19.627	ug/l	99
43) Isopropyl Acetate	8.13	43	250224	20.546	ug/l	100
44) Trichloroethene	8.80	130	112340	21.105	ug/l	94
45) 1,2-Dichloropropane	9.08	63	112490	19.361	ug/l	96
46) Dibromomethane	9.17	93	77794	20.204	ug/l	99
47) Bromodichloromethane	9.37	83	163601	19.823	ug/l	98
48) Methyl methacrylate	9.17	41	111167	20.248	ug/l	95
49) 1,4-Dioxane	9.17	88	36074	424.815	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	726107	109.717	ug/l	99
52) Toluene	10.13	92	264896	19.378	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	171772	19.027	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	181708	19.175	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	105659	20.182	ug/l	97
56) Ethyl methacrylate	10.40	69	157738	19.798	ug/l	99
57) 1,3-Dichloropropane	10.68	76	185267	19.864	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	403310	97.754	ug/l	99
59) 2-Hexanone	10.72	43	524112	112.687	ug/l	97
60) Dibromochloromethane	10.87	129	113255	19.567	ug/l	99
61) 1,2-Dibromoethane	10.98	107	109867	20.188	ug/l	99
64) Tetrachloroethene	10.60	164	106574	20.662	ug/l	97
65) Chlorobenzene	11.41	112	276757	19.131	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	103230	19.219	ug/l	98
67) Ethyl Benzene	11.49	91	518372	19.642	ug/l	97
68) m/p-Xylenes	11.59	106	382333	39.115	ug/l	99
69) o-Xylene	11.92	106	185559	19.651	ug/l	98
70) Styrene	11.94	104	310731	19.148	ug/l	99
71) Bromoform	12.10	173	69362	19.029	ug/l	# 96
73) Isopropylbenzene	12.23	105	490357	19.896	ug/l	99
74) N-amyl acetate	12.05	43	201001	19.689	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	143947	20.258	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	137538m	21.784	ug/l	
77) Bromobenzene	12.50	156	111565	20.015	ug/l	97
78) n-propylbenzene	12.57	91	573650	20.114	ug/l	99
79) 2-Chlorotoluene	12.65	91	331808	19.425	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	410111	19.991	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.28	75	45496	17.417	ug/l	96
82) 4-Chlorotoluene	12.75	91	349889	19.750	ug/l	99
83) tert-Butylbenzene	12.97	119	338267	19.226	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	412608	19.954	ug/l	99
85) sec-Butylbenzene	13.15	105	469013	20.454	ug/l	99
86) p-Isopropyltoluene	13.27	119	415126	20.392	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	202593	19.785	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	203083	19.154	ug/l	98
89) n-Butylbenzene	13.59	91	376138	20.000	ug/l	98
90) Hexachloroethane	13.85	117	66169	17.558	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	207668	20.899	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.25	75	30338	19.420	ug/l	96

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Quant Title : SW846 8260
QLast Update : Tue Sep 01 04:21:28 2020
Response via : Initial Calibration

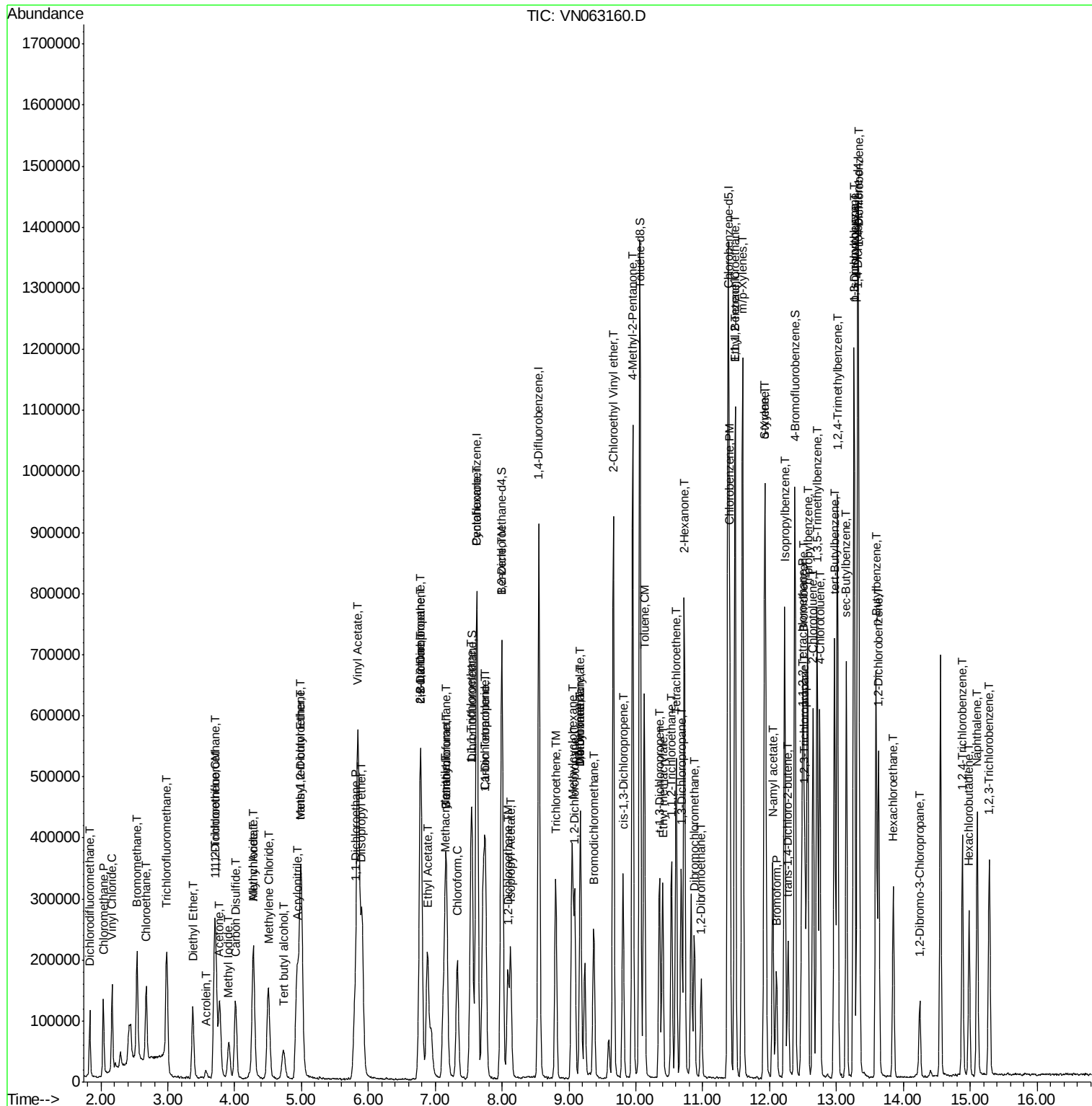
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	108675	19.575	ug/l	99
94) Hexachlorobutadiene	14.98	225	41345	19.936	ug/l	94
95) Naphthalene	15.11	128	349920	18.892	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	105449	19.496	ug/l	99

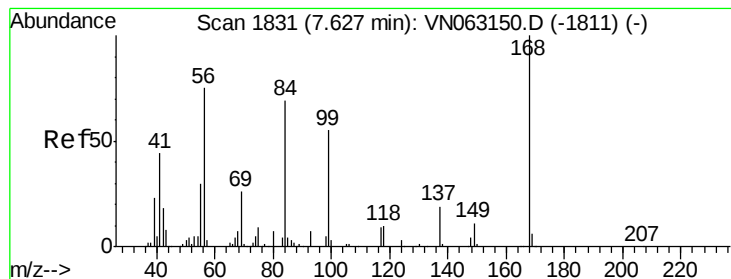
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN090120\
 Data File : VN063160.D
 Acq On : 1 Sep 2020 17:17
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 Misc : 5.00mL/MSVOA N/WATER
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VN063160.D

Acq: 1 Sep 2020 17:17

Instrument :

MSVOA_N

ClientSampleId :

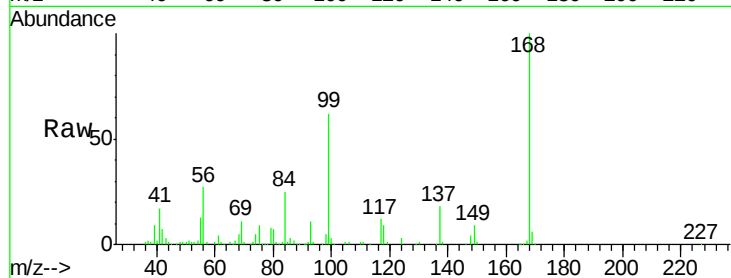
VN0901WBSD01

Tot Ion:168 Resp: 423229

Ion Ratio Lower Upper

168 100

99 61.8 54.2 81.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

150000

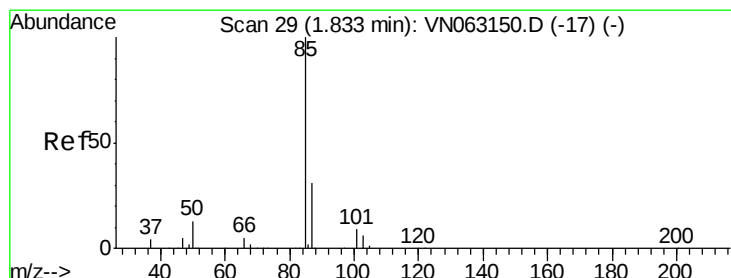
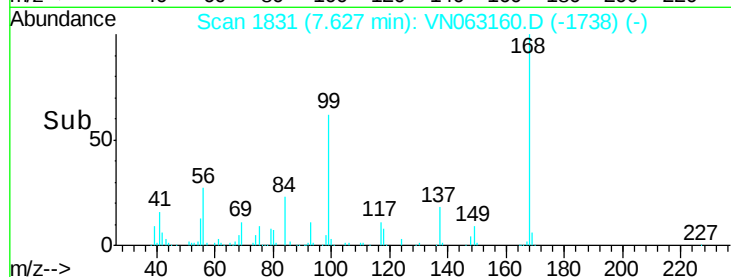
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50000

0

7.50 7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 18.508 ug/l

RT: 1.83 min Scan# 29

Delta R.T. -0.00 min

Lab File: VN063160.D

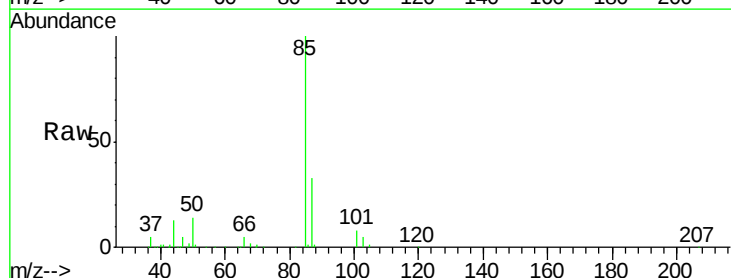
Acq: 1 Sep 2020 17:17

Tgt Ion: 85 Resp: 77144

Ion Ratio Lower Upper

85 100

87 32.6 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

60000

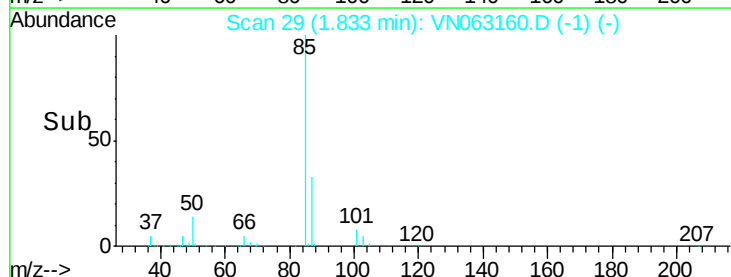
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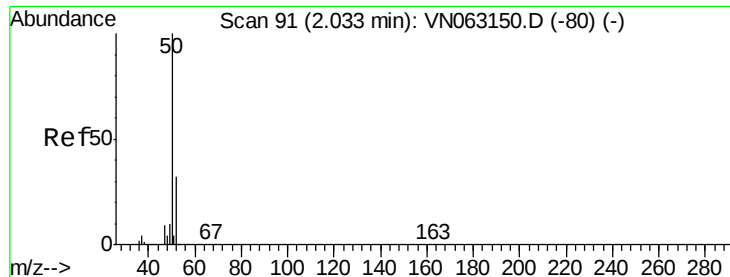
20000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 18.123 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063160.D

Acq: 1 Sep 2020 17:17

Instrument :

MSVOA_N

ClientSampleId :

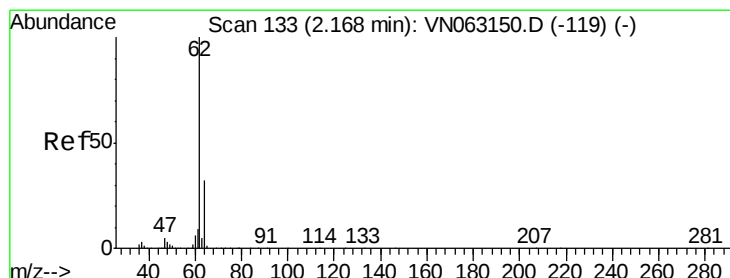
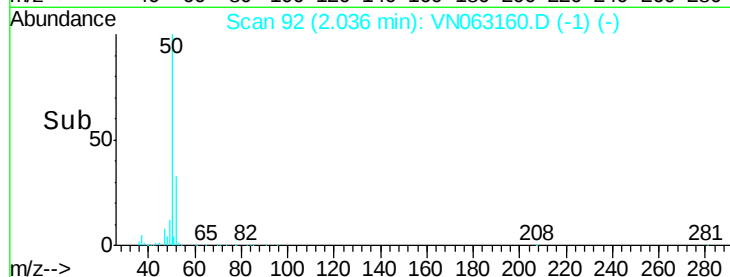
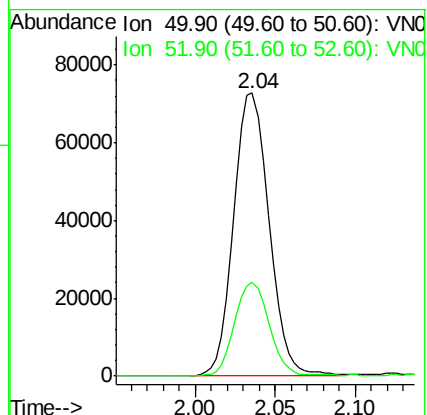
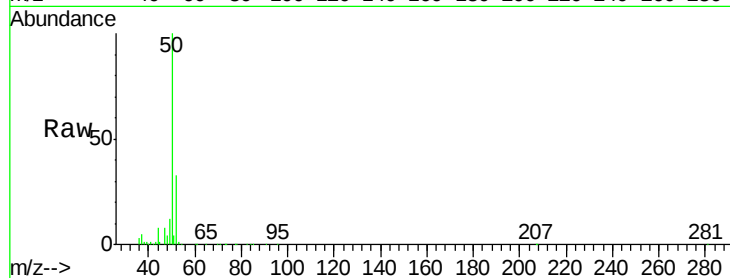
VN0901WBSD01

Tot Ion: 50 Resp: 109996

Ion Ratio Lower Upper

50 100

52 33.1 25.8 38.6



#4

Vinyl Chloride

Concen: 18.678 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN063160.D

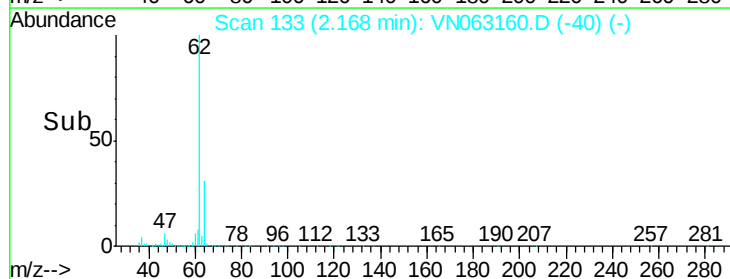
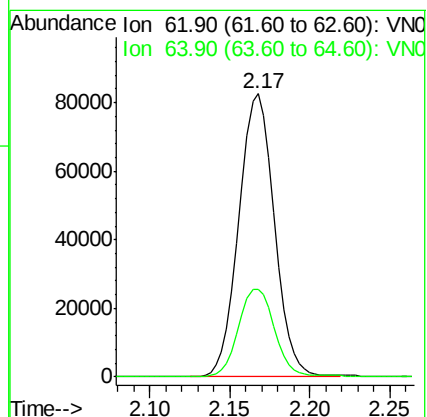
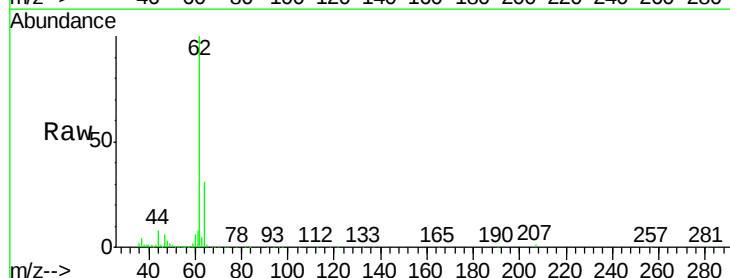
Acq: 1 Sep 2020 17:17

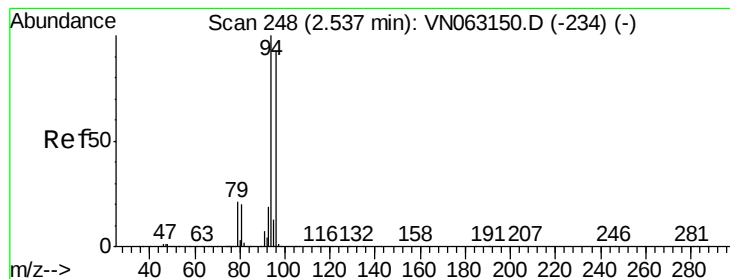
Tgt Ion: 62 Resp: 125224

Ion Ratio Lower Upper

62 100

64 30.9 25.8 38.8





#5

Bromomethane

Concen: 20.159 ug/l

RT: 2.54 min Scan# 249

Delta R.T. 0.00 min

Lab File: VN063160.D

Acq: 1 Sep 2020 17:17

Instrument :

MSVOA_N

ClientSampleId :

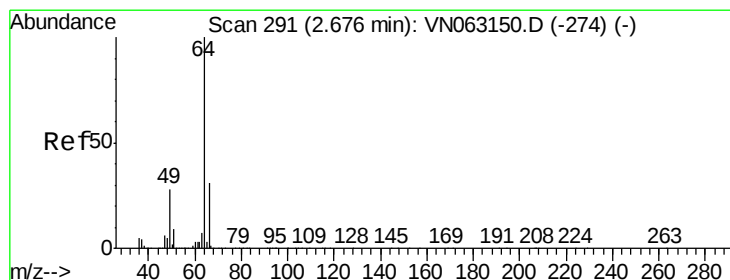
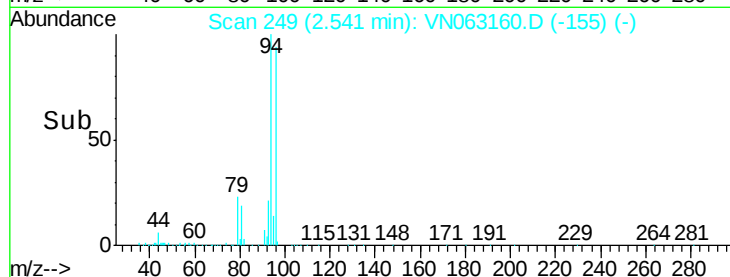
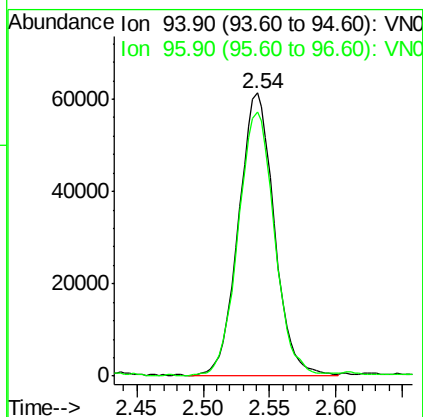
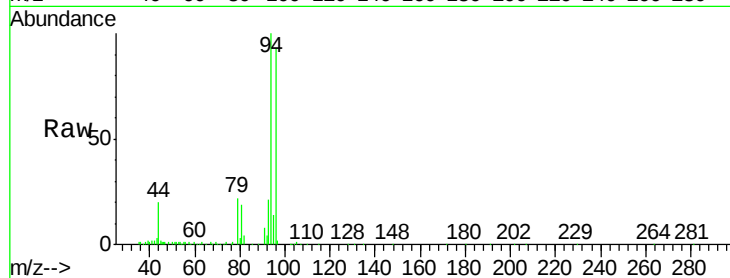
VN0901WBSD01

Tot Ion: 94 Resp: 113767

Ion Ratio Lower Upper

94 100

96 93.0 74.4 111.6



#6

Chloroethane

Concen: 19.776 ug/l

RT: 2.68 min Scan# 291

Delta R.T. -0.00 min

Lab File: VN063160.D

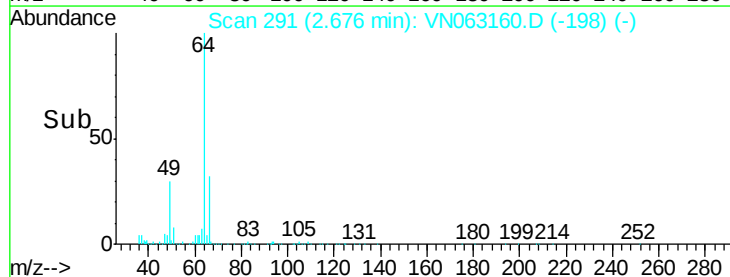
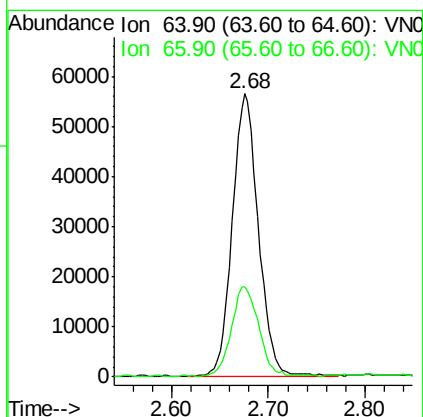
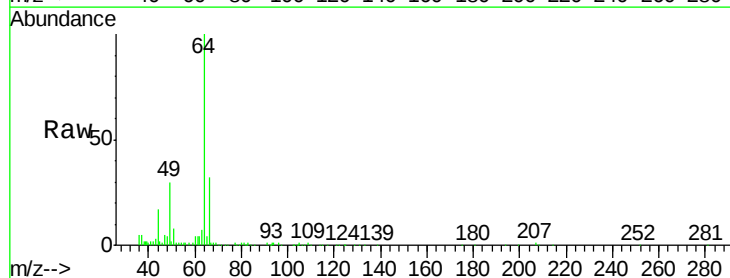
Acq: 1 Sep 2020 17:17

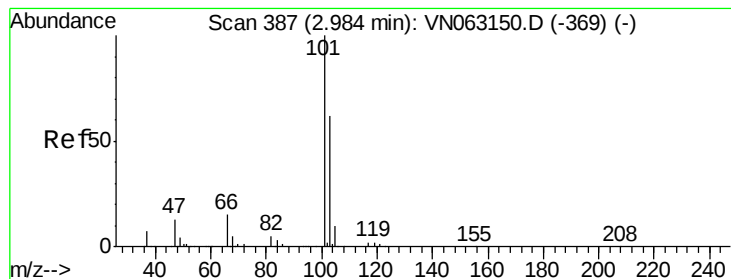
Tgt Ion: 64 Resp: 105417

Ion Ratio Lower Upper

64 100

66 31.7 24.7 37.1



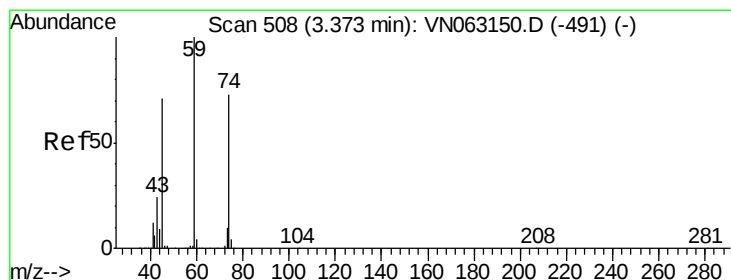
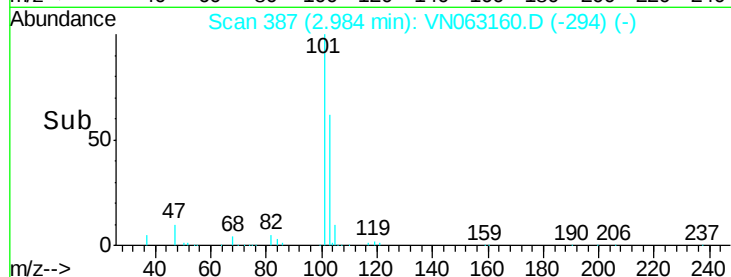
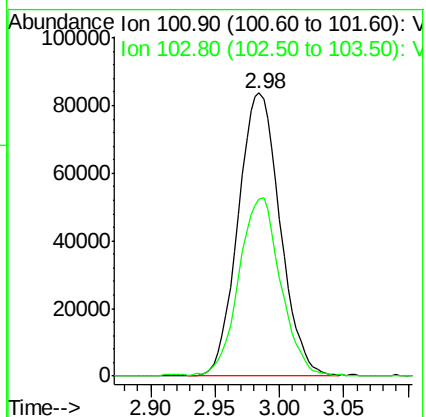
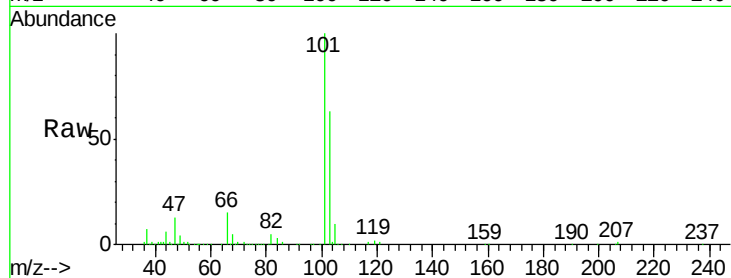


#7

Trichlorofluoromethane
 Concen: 18.029 ug/l
 RT: 2.98 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: VN063160.D
 Acq: 1 Sep 2020 17:17

Instrument :
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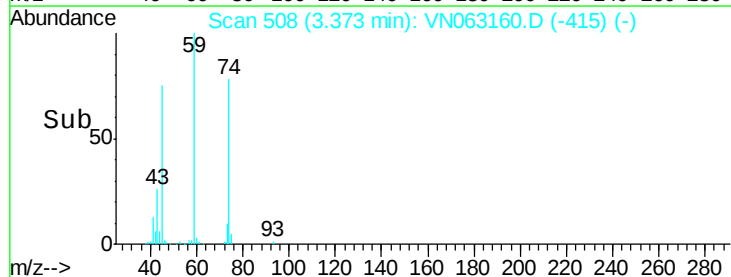
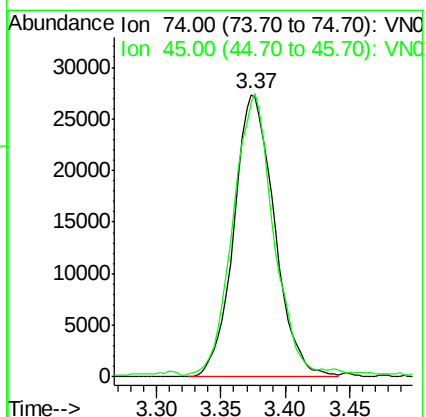
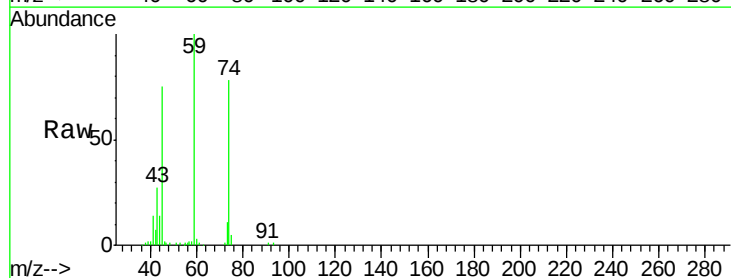
Tot Ion:101 Resp: 189592
 Ion Ratio Lower Upper
 101 100
 103 62.4 49.7 74.5

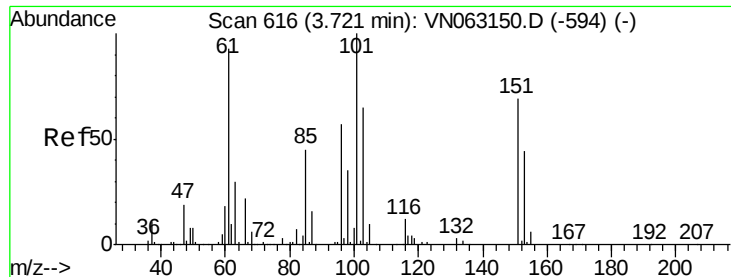


#8

Diethyl Ether
 Concen: 18.705 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN063160.D
 Acq: 1 Sep 2020 17:17

Tgt Ion: 74 Resp: 60002
 Ion Ratio Lower Upper
 74 100
 45 99.2 49.5 148.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.496 ug/l

RT: 3.72 min Scan# 616

Delta R.T. -0.00 min

Lab File: VN063160.D

Acq: 1 Sep 2020 17:17

Instrument :

MSVOA_N

ClientSampleId :

VN0901WBSD01

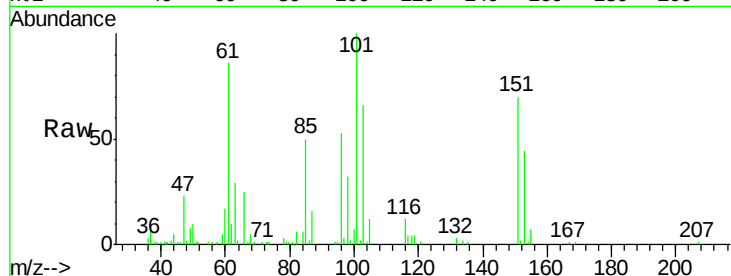
Tot Ion:101 Resp: 88845

Ion Ratio Lower Upper

101 100

85 48.9 37.8 56.8

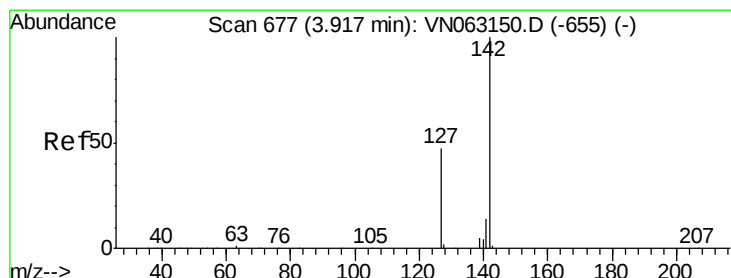
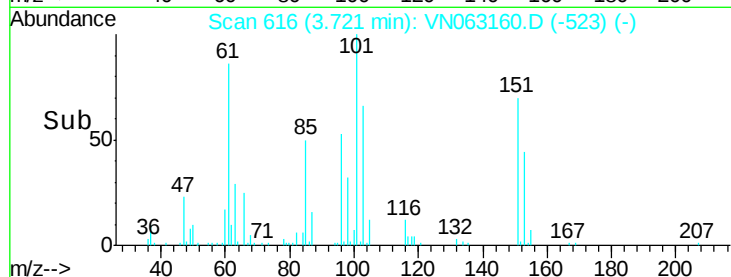
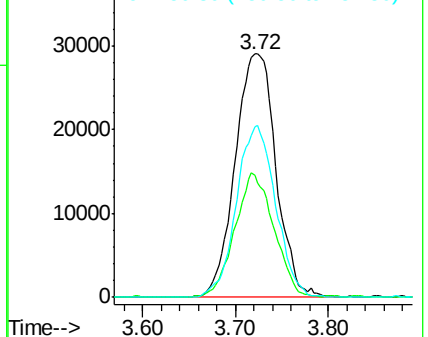
151 67.8 55.0 82.4



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: 15.398 ug/l

RT: 3.91 min Scan# 676

Delta R.T. -0.00 min

Lab File: VN063160.D

Acq: 1 Sep 2020 17:17

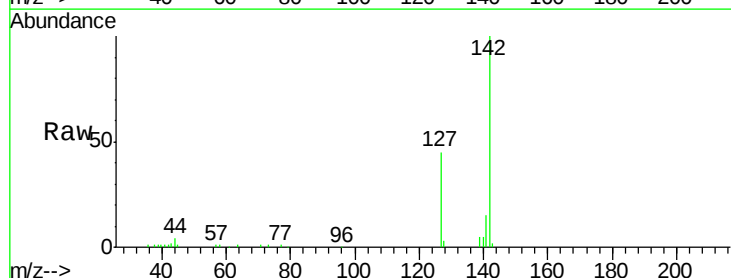
Tgt Ion:142 Resp: 95700

Ion Ratio Lower Upper

142 100

127 44.6 37.6 56.4

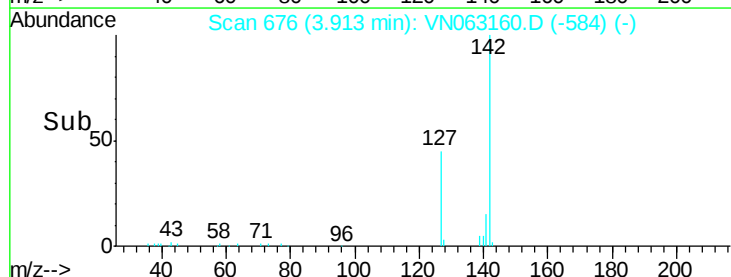
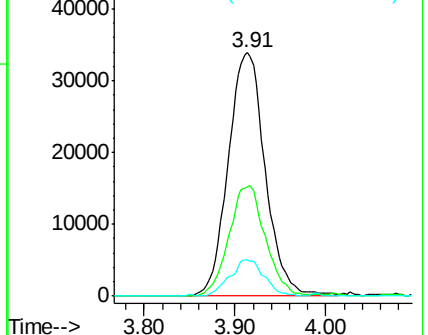
141 13.8 11.3 16.9

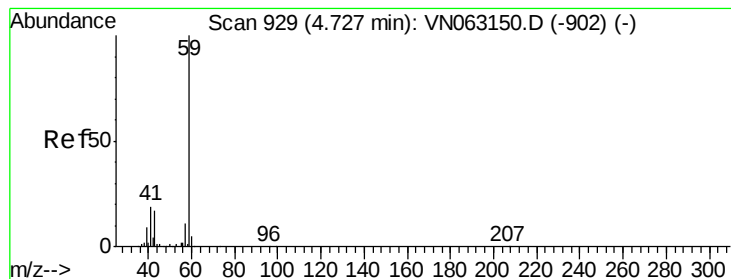


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



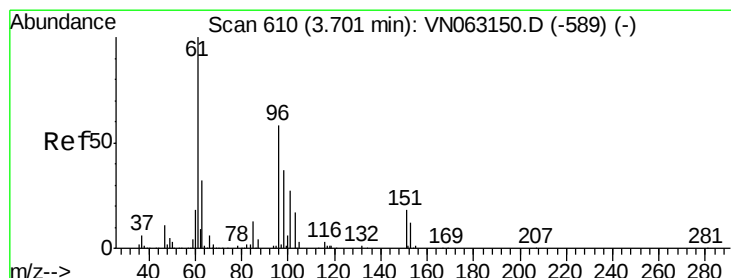
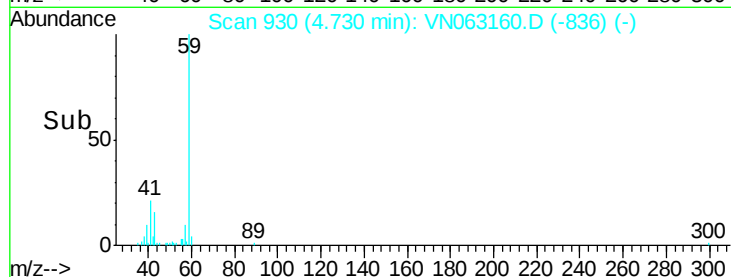
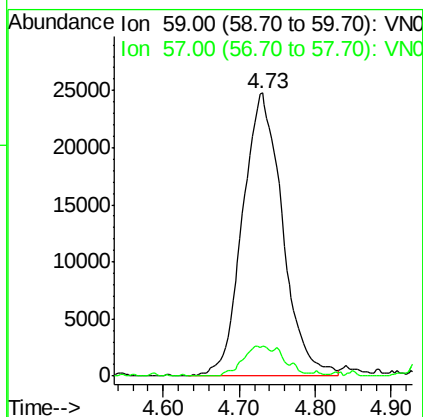
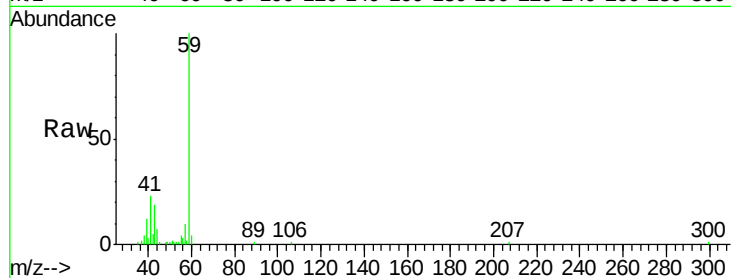


#11

Tert butyl alcohol
 Concen: 106.461 ug/l
 RT: 4.73 min Scan# 930
 Delta R.T. 0.00 min
 Lab File: VN063160.D
 Acq: 1 Sep 2020 17:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0901WBSD01

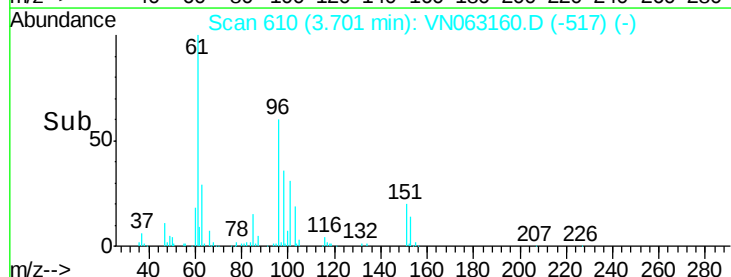
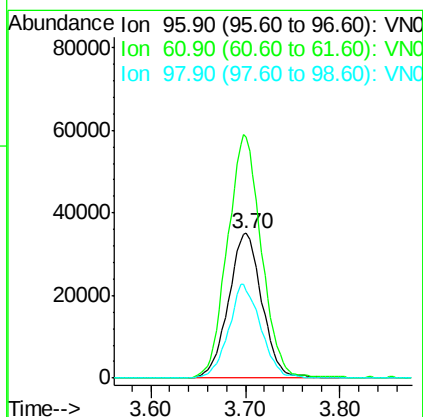
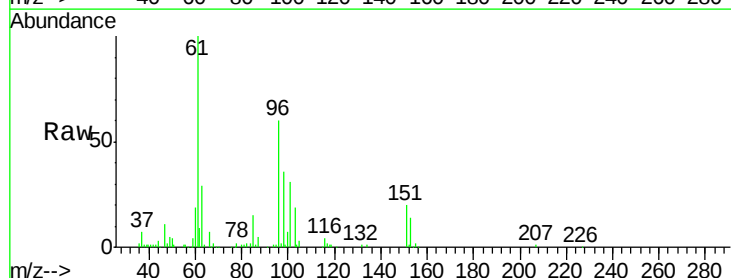
Tot Ion: 59 Resp: 90412
 Ion Ratio Lower Upper
 59 100
 57 7.4 8.4 12.6#

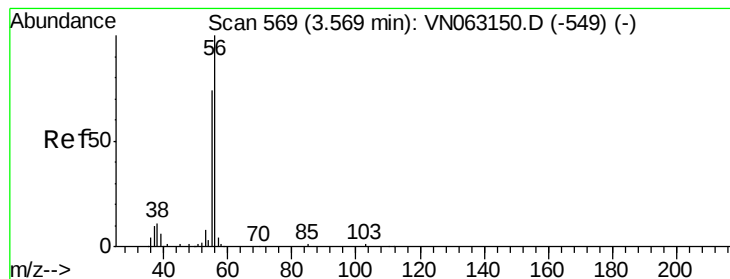


#12

1,1-Dichloroethene
 Concen: 18.579 ug/l
 RT: 3.70 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: VN063160.D
 Acq: 1 Sep 2020 17:17

Tgt Ion: 96 Resp: 86271
 Ion Ratio Lower Upper
 96 100
 61 166.9 137.4 206.2
 98 60.9 50.5 75.7





#13

Acrolein

Concen: 62.055 ug/l

RT: 3.57 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN063160.D

Acq: 1 Sep 2020 17:17

Instrument :

MSVOA_N

ClientSampleId :

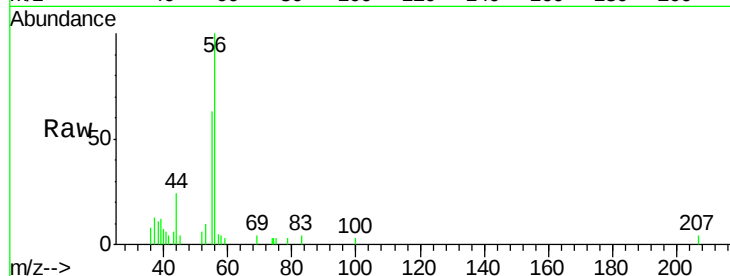
VN0901WBSD01

Tot Ion: 56 Resp: 15973

Ion Ratio Lower Upper

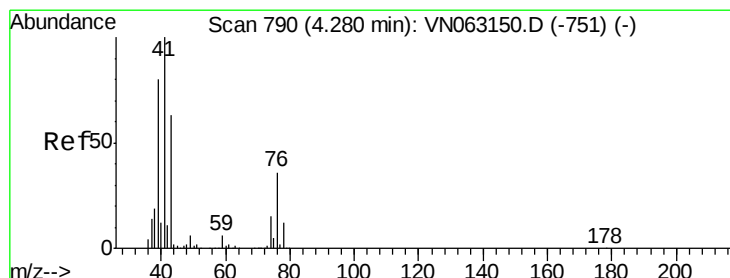
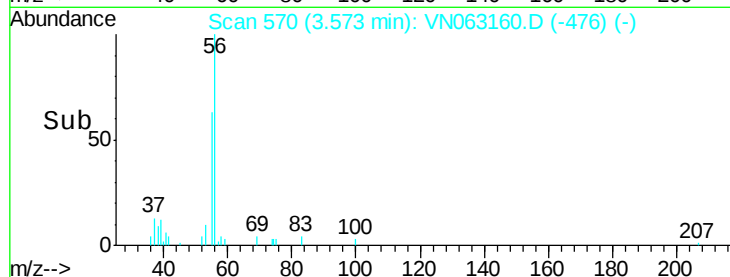
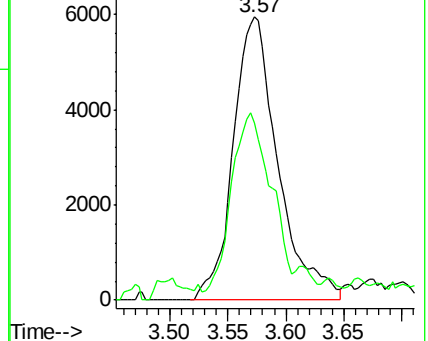
56 100

55 55.7 55.4 83.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 19.410 ug/l

RT: 4.28 min Scan# 790

Delta R.T. -0.00 min

Lab File: VN063160.D

Acq: 1 Sep 2020 17:17

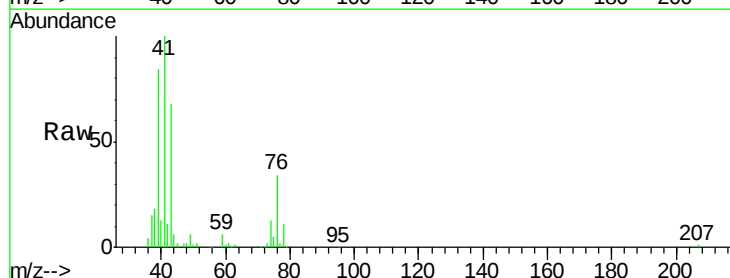
Tgt Ion: 41 Resp: 160071

Ion Ratio Lower Upper

41 100

39 78.9 60.2 90.2

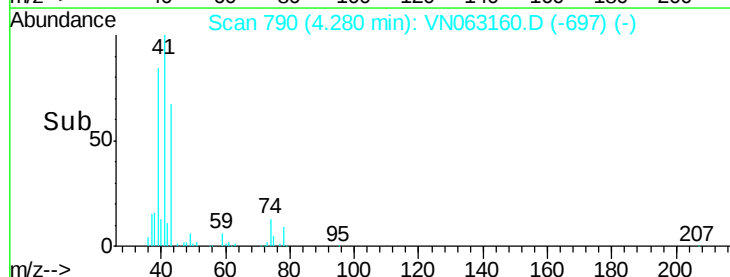
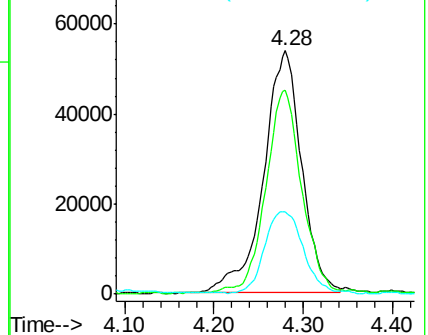
76 34.2 27.7 41.5

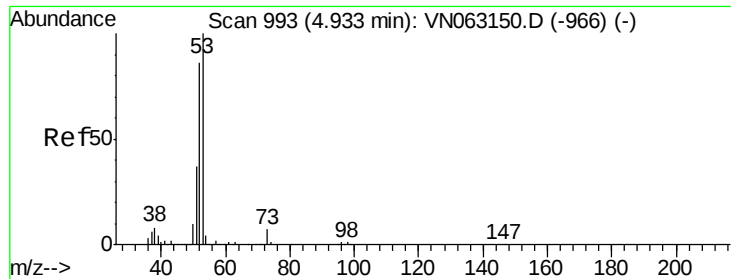


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 99.980 ug/l

RT: 4.93 min Scan# 993

Delta R.T. 0.00 min

Lab File: VN063160.D

Acq: 1 Sep 2020 17:17

Instrument :

MSVOA_N

ClientSampleId :

VN0901WBSD01

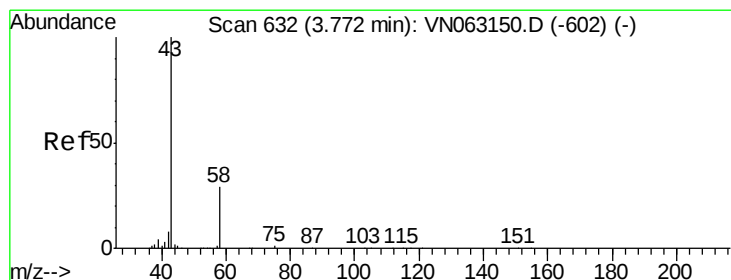
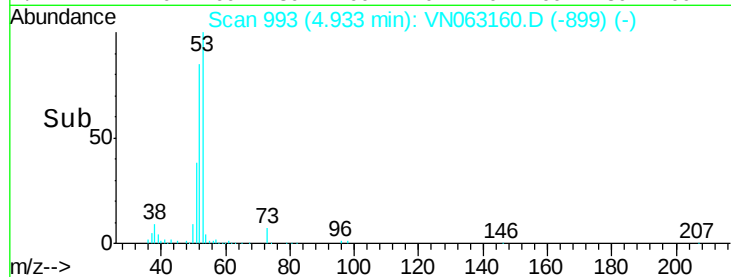
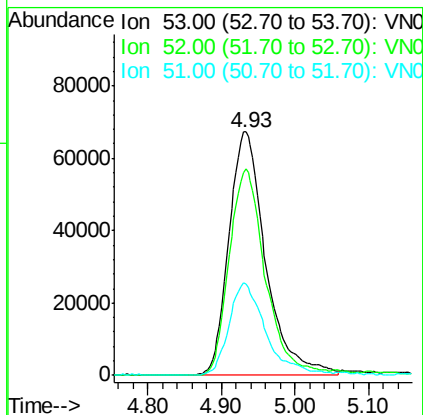
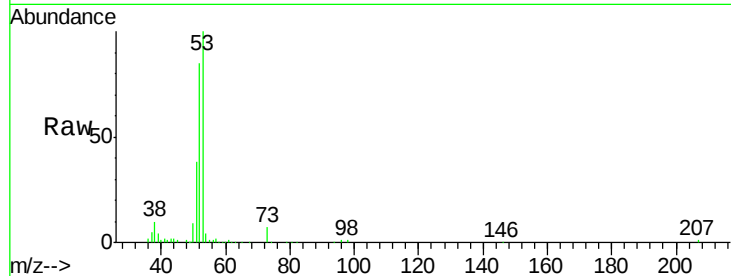
Tot Ion: 53 Resp: 234373

Ion Ratio Lower Upper

53 100

52 82.8 67.2 100.8

51 37.5 30.2 45.4



#16

Acetone

Concen: 104.283 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN063160.D

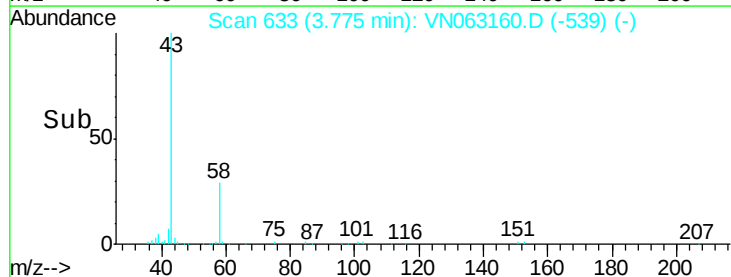
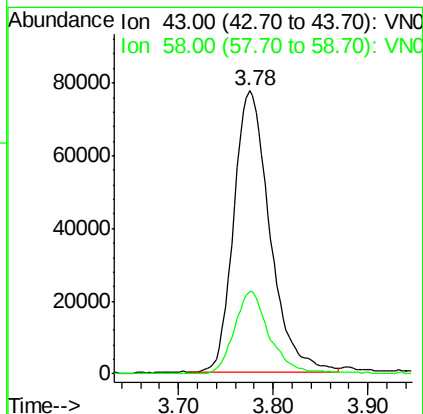
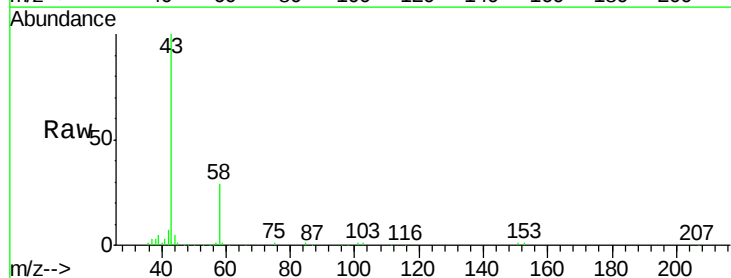
Acq: 1 Sep 2020 17:17

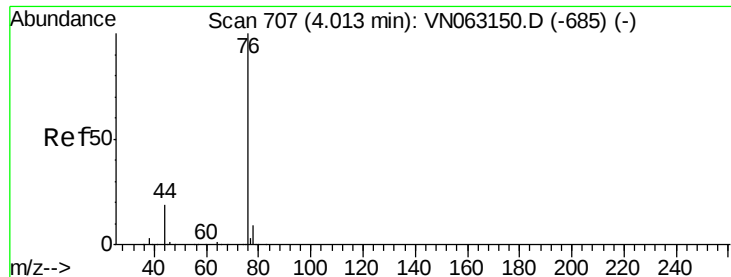
Tgt Ion: 43 Resp: 205098

Ion Ratio Lower Upper

43 100

58 29.5 23.1 34.7





#17

Carbon Disulfide

Concen: 17.859 ug/l

RT: 4.01 min Scan# 707

Delta R.T. -0.00 min

Lab File: VN063160.D

Acq: 1 Sep 2020 17:17

Instrument :

MSVOA_N

ClientSampleId :

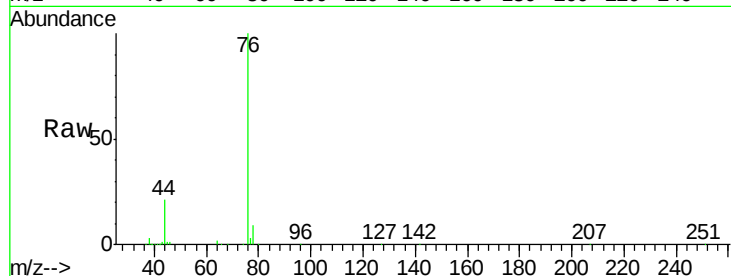
VN0901WBSD01

Tot Ion: 76 Resp: 246826

Ion Ratio Lower Upper

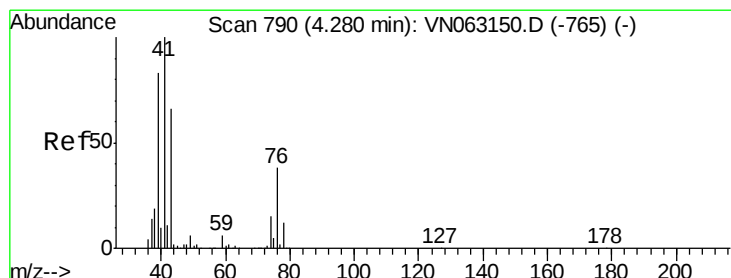
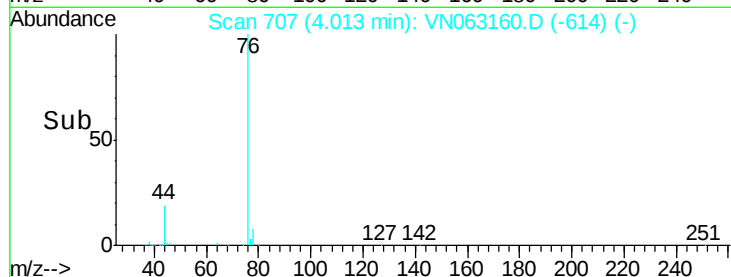
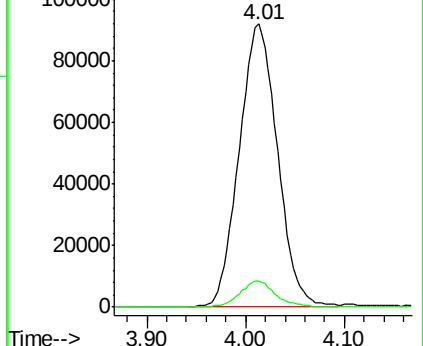
76 100

78 9.0 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: 21.572 ug/l

RT: 4.28 min Scan# 791

Delta R.T. 0.00 min

Lab File: VN063160.D

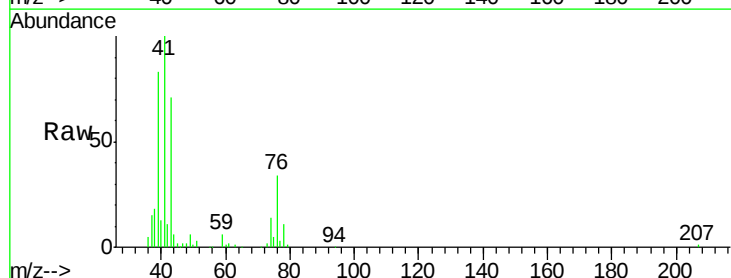
Acq: 1 Sep 2020 17:17

Tgt Ion: 43 Resp: 108784

Ion Ratio Lower Upper

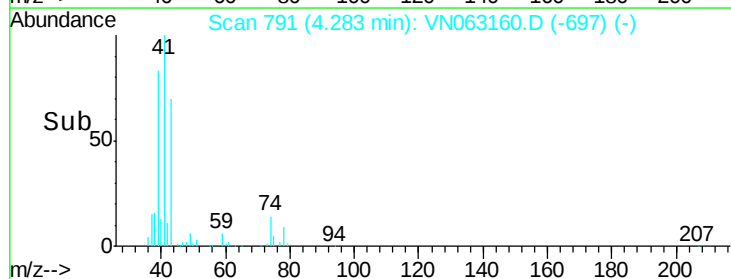
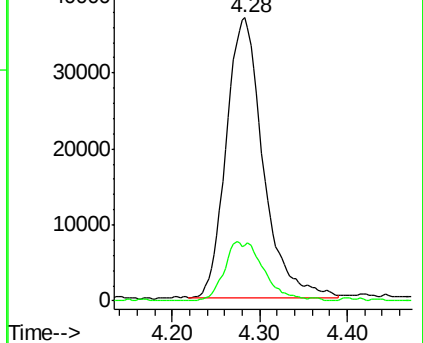
43 100

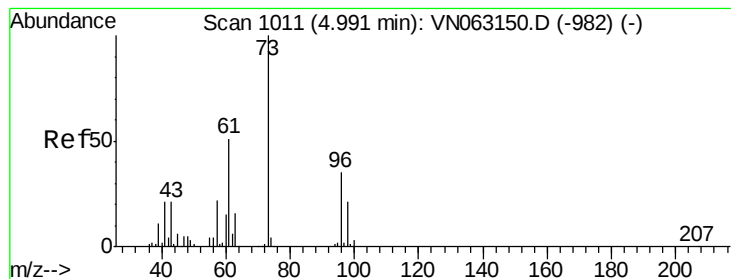
74 10.4 19.0 28.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0



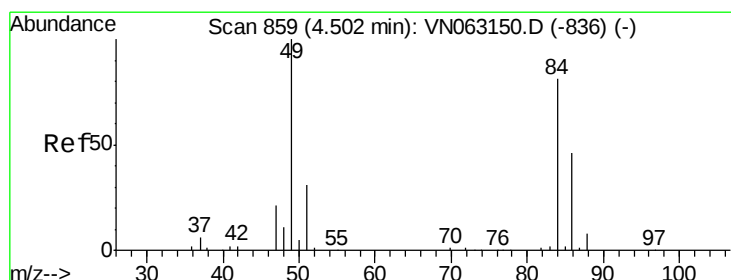
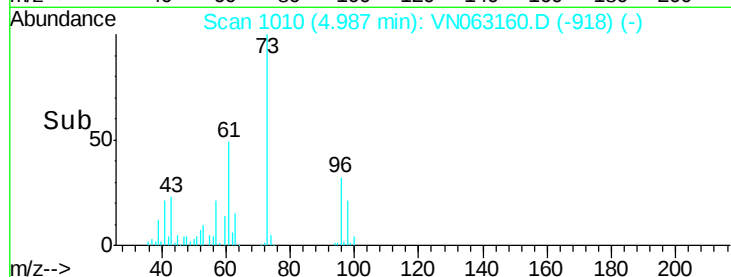
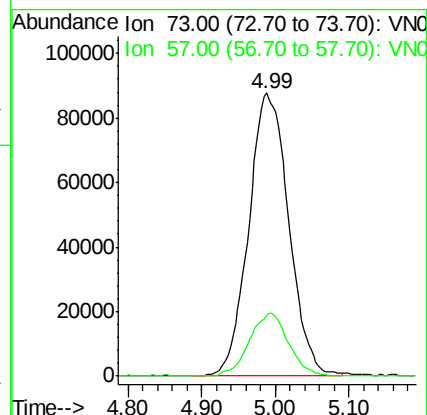
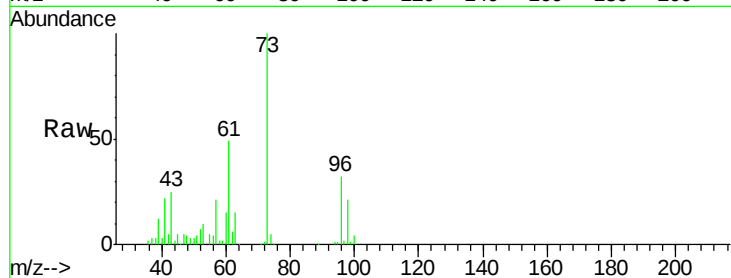


#19

Methyl tert-butyl Ether
 Concen: 19.232 ug/l
 RT: 4.99 min Scan# 1010
 Delta R.T. -0.00 min
 Lab File: VN063160.D
 Acq: 1 Sep 2020 17:17

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0901WBSD01

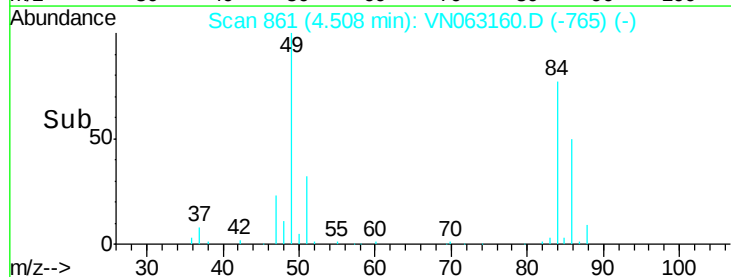
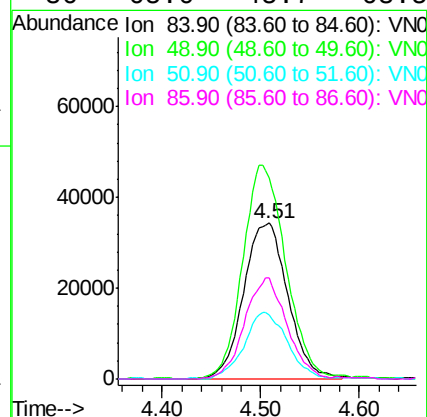
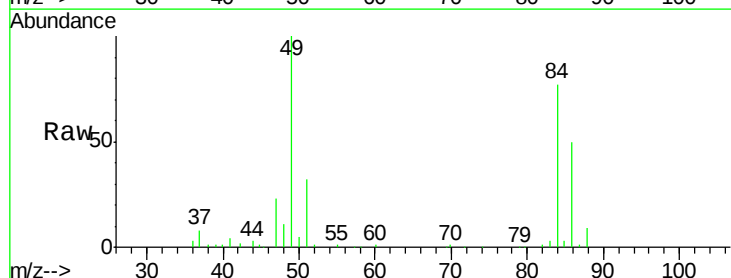
Tot Ion: 73 Resp: 331286
 Ion Ratio Lower Upper
 73 100
 57 21.2 17.6 26.4

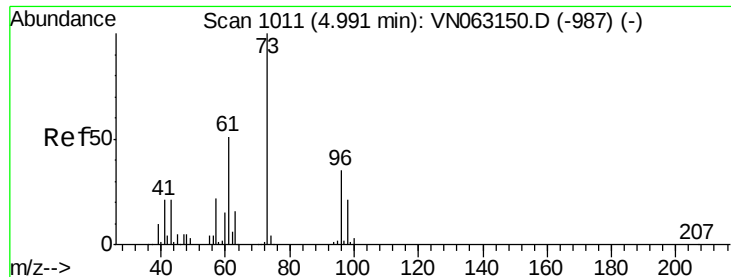


#20

Methylene Chloride
 Concen: 18.987 ug/l
 RT: 4.51 min Scan# 861
 Delta R.T. 0.01 min
 Lab File: VN063160.D
 Acq: 1 Sep 2020 17:17

Tgt Ion: 84 Resp: 106691
 Ion Ratio Lower Upper
 84 100
 49 129.1 98.4 147.6
 51 40.8 30.4 45.6
 86 65.0 45.7 68.5





#21

trans-1,2-Dichloroethene

Concen: 18.868 ug/l

RT: 4.99 min Scan# 1012

Delta R.T. 0.00 min

Lab File: VN063160.D

Acq: 1 Sep 2020 17:17

Instrument :

MSVOA_N

ClientSampleId :

VN0901WBSD01

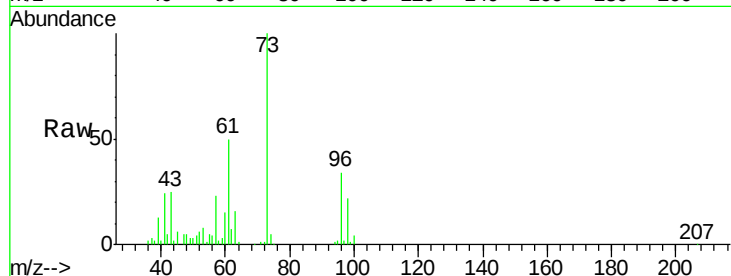
Tot Ion: 96 Resp: 96796

Ion Ratio Lower Upper

96 100

61 148.0 116.2 174.4

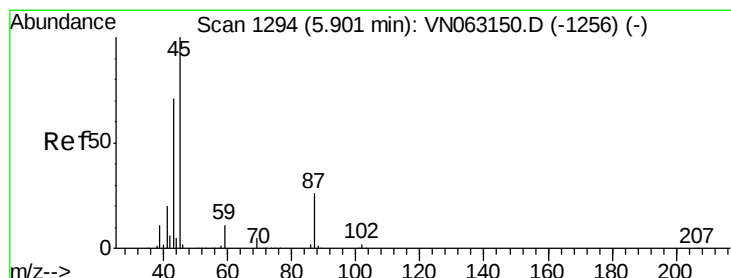
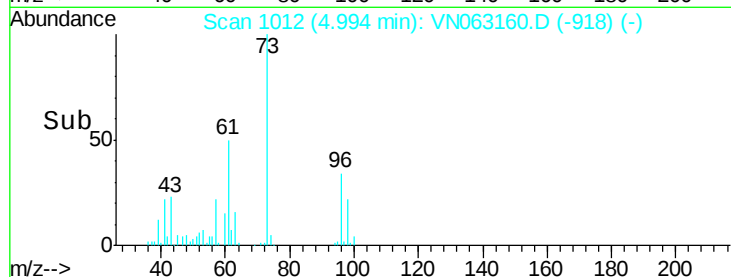
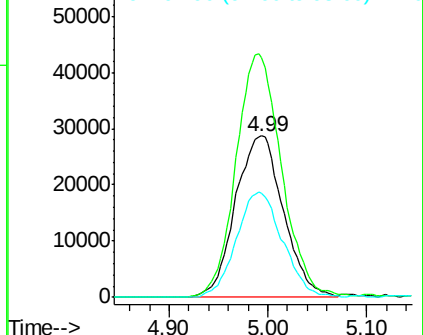
98 64.5 48.0 72.0



Abundance Ion 95.90 (95.60 to 96.60): VN063160.D (-918) (-)

Ion 60.90 (60.60 to 61.60): VN063160.D (-918) (-)

Ion 97.90 (97.60 to 98.60): VN063160.D (-918) (-)



#22

Diisopropyl ether

Concen: 18.641 ug/l

RT: 5.90 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VN063160.D

Acq: 1 Sep 2020 17:17

Tgt Ion: 45 Resp: 344500

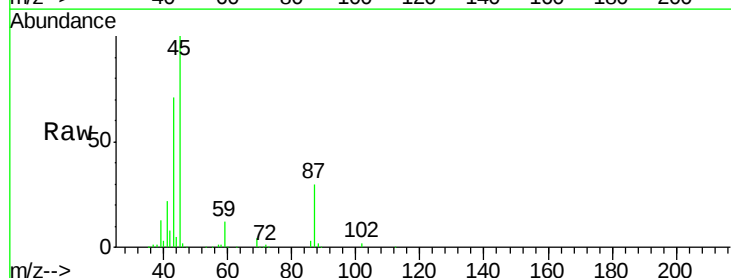
Ion Ratio Lower Upper

45 100

43 67.7 56.8 85.2

87 30.0 21.1 31.7

59 11.5 8.9 13.3

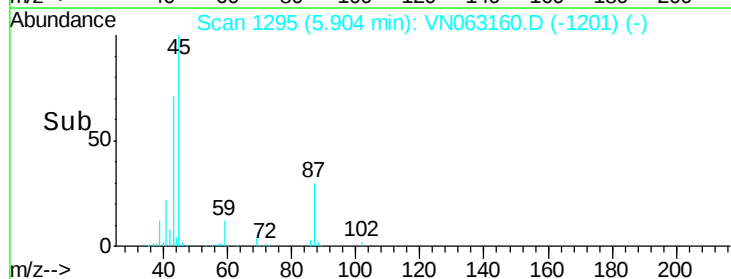
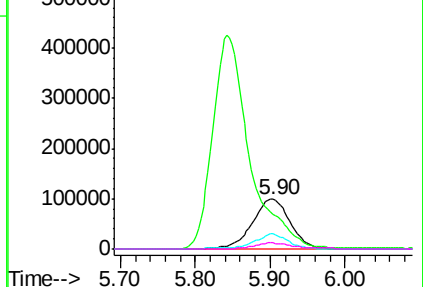


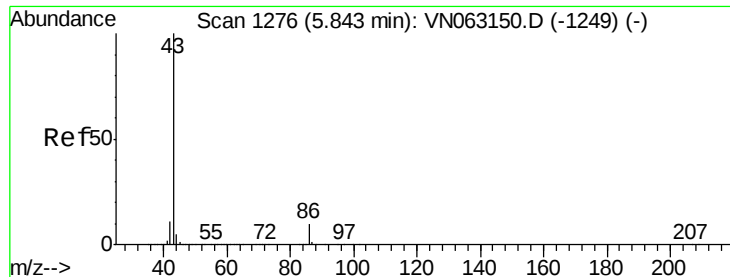
Abundance Ion 45.00 (44.70 to 45.70): VN063160.D (-1201) (-)

Ion 43.00 (42.70 to 43.70): VN063160.D (-1201) (-)

Ion 87.00 (86.70 to 87.70): VN063160.D (-1201) (-)

Ion 59.00 (58.70 to 59.70): VN063160.D (-1201) (-)





#23

Vinyl Acetate

Concen: 99.052 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. -0.00 min

Lab File: VN063160.D

Acq: 1 Sep 2020 17:17

Instrument :

MSVOA_N

ClientSampleId :

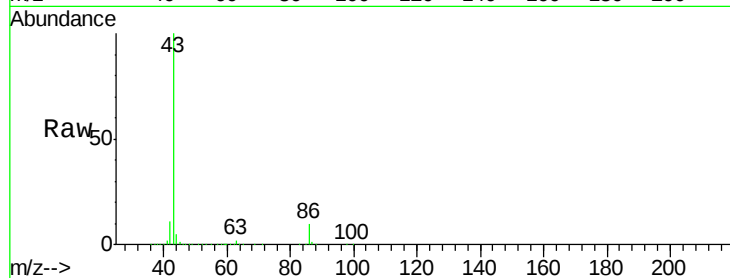
VN0901WBSD01

Tot Ion: 43 Resp: 1460602

Ion Ratio Lower Upper

43 100

86 9.6 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.84

400000

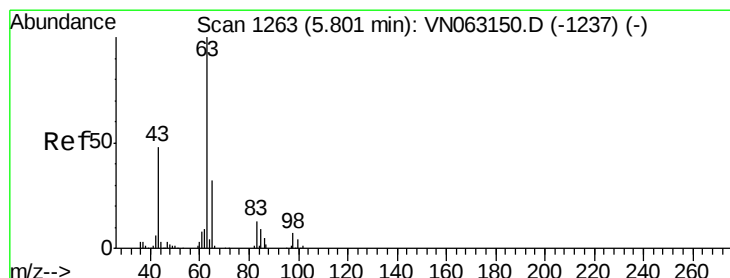
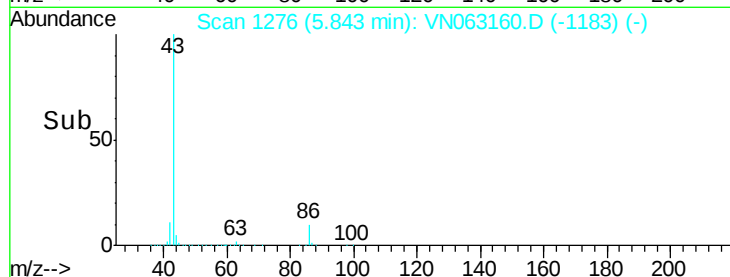
300000

200000

100000

0

Time--> 5.70 5.80 5.90 6.00



#24

1,1-Dichloroethane

Concen: 18.194 ug/l

RT: 5.80 min Scan# 1264

Delta R.T. 0.00 min

Lab File: VN063160.D

Acq: 1 Sep 2020 17:17

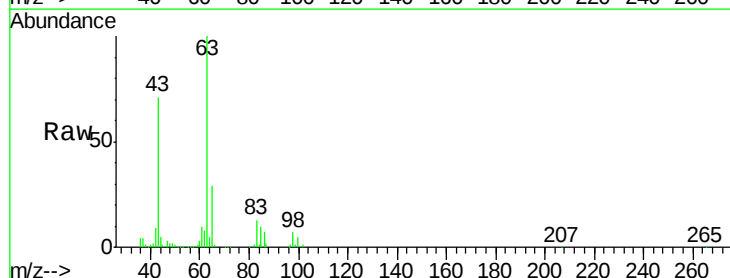
Tgt Ion: 63 Resp: 185359

Ion Ratio Lower Upper

63 100

98 7.3 3.4 10.1

100 4.5 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

5.80

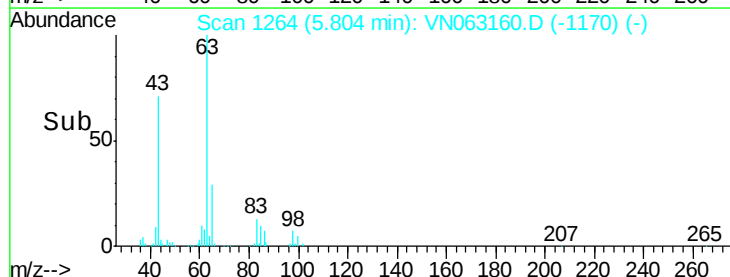
60000

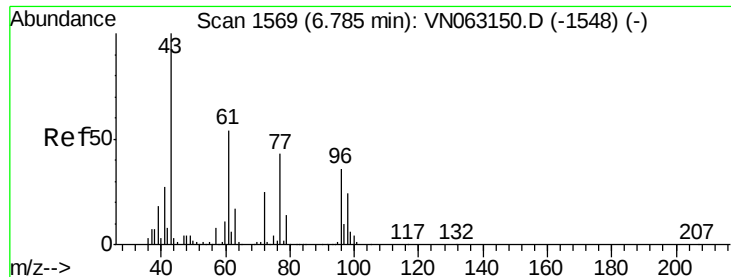
40000

20000

0

Time--> 5.70 5.80 5.90

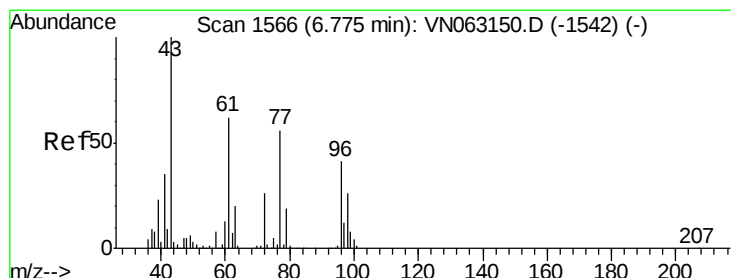
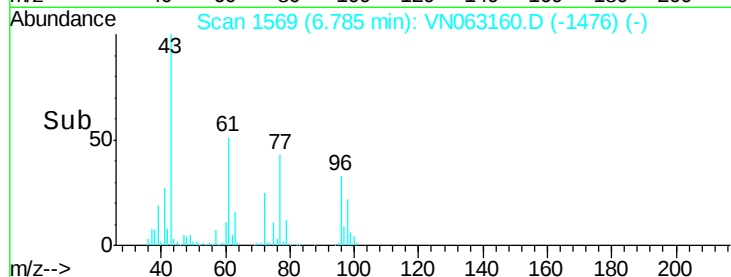
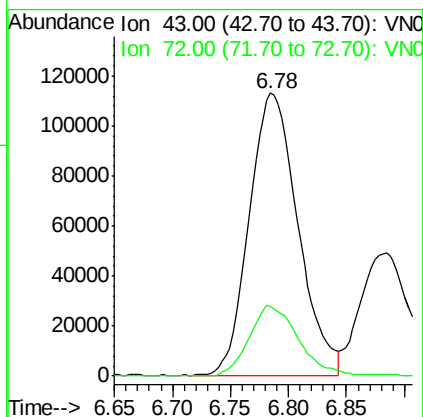
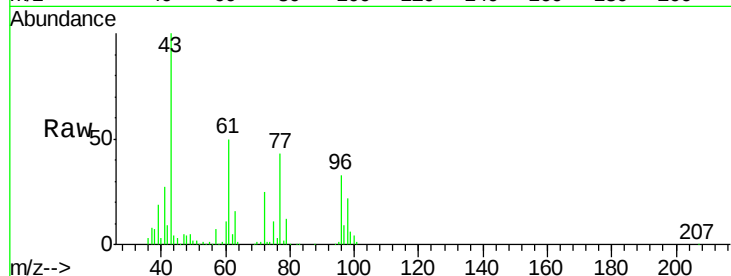




#25
 2-Butanone
 Concen: 108.231 ug/l
 RT: 6.78 min Scan# 1569
 Delta R.T. -0.00 min
 Lab File: VN063160.D
 Acq: 1 Sep 2020 17:17

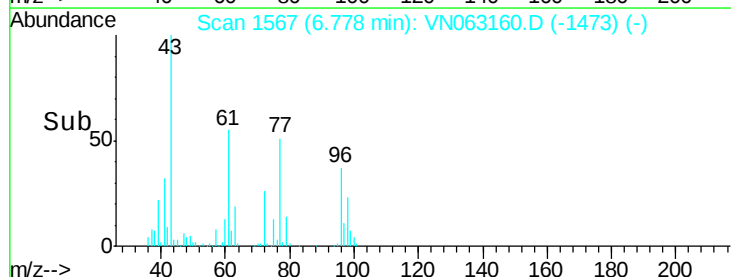
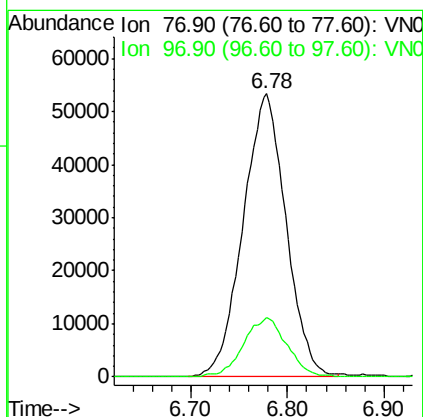
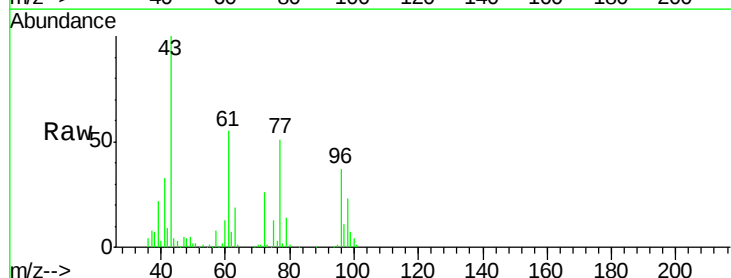
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0901WBSD01

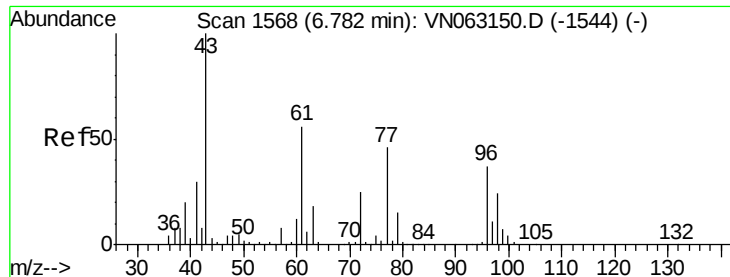
Tot Ion: 43 Resp: 329598
 Ion Ratio Lower Upper
 43 100
 72 24.8 20.2 30.4



#26
 2,2-Dichloropropane
 Concen: 17.812 ug/l
 RT: 6.78 min Scan# 1567
 Delta R.T. 0.00 min
 Lab File: VN063160.D
 Acq: 1 Sep 2020 17:17

Tgt Ion: 77 Resp: 164416
 Ion Ratio Lower Upper
 77 100
 97 21.1 10.7 31.9





#27

cis-1,2-Dichloroethene

Concen: 18.660 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN063160.D

Acq: 1 Sep 2020 17:17

Instrument :

MSVOA_N

ClientSampleId :

VN0901WBSD01

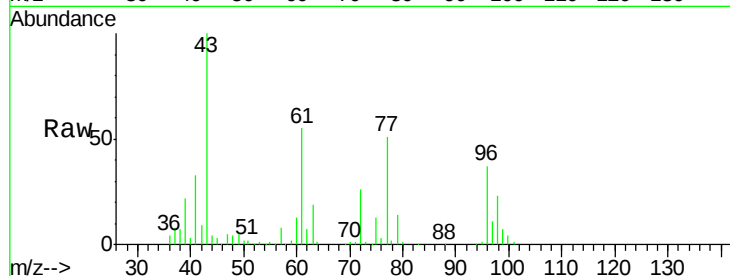
Tot Ion: 96 Resp: 116358

Ion Ratio Lower Upper

96 100

61 149.7 0.0 303.2

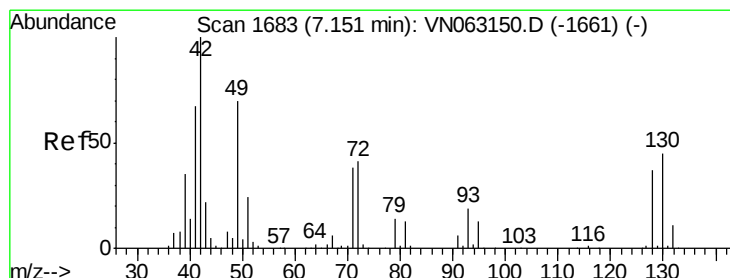
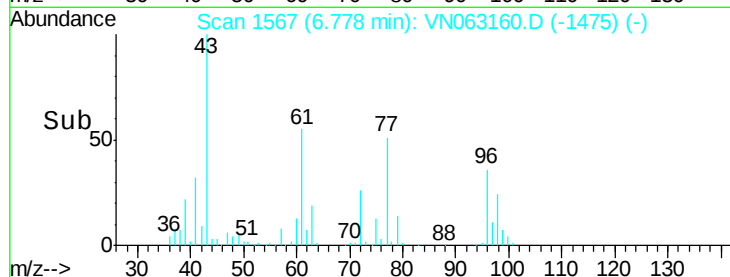
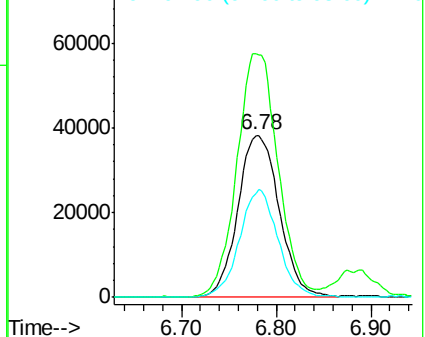
98 61.8 0.0 129.0



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: 17.839 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VN063160.D

Acq: 1 Sep 2020 17:17

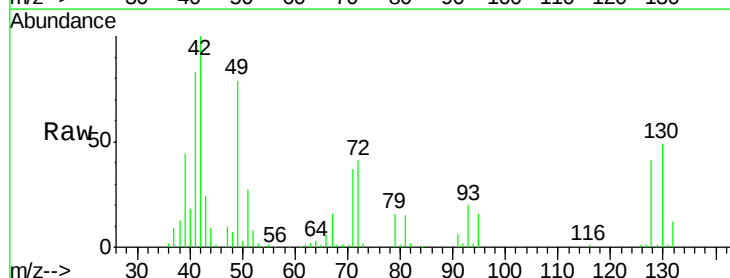
Tgt Ion: 49 Resp: 94953

Ion Ratio Lower Upper

49 100

129 0.8 0.0 4.0

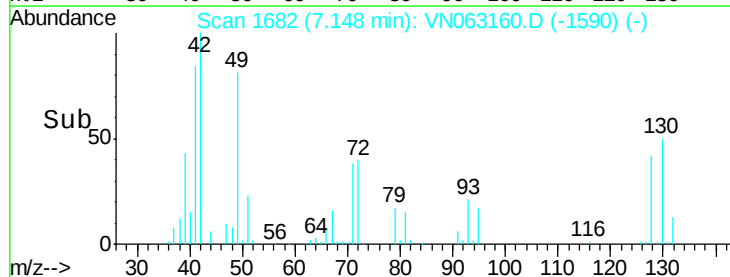
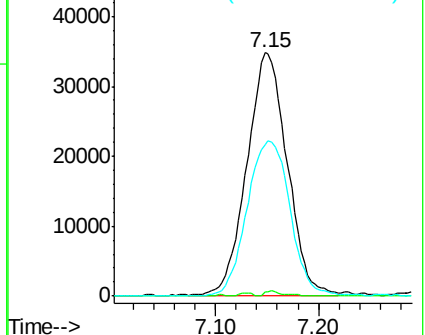
130 67.8 54.4 81.6

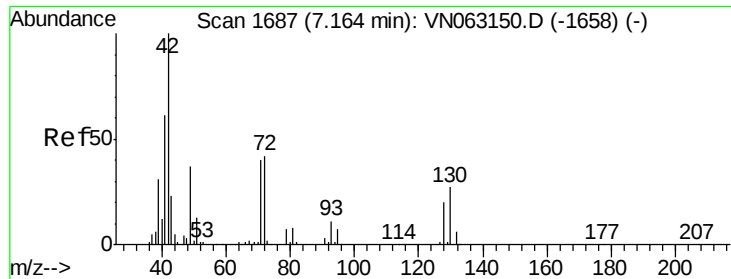


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

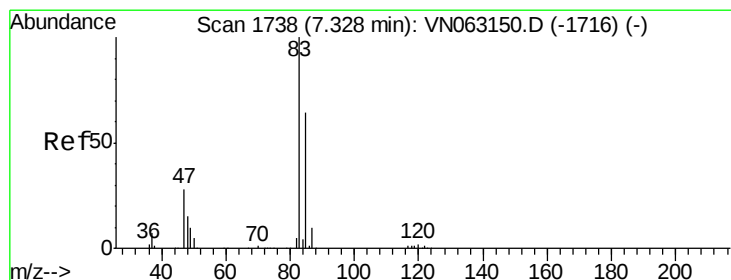
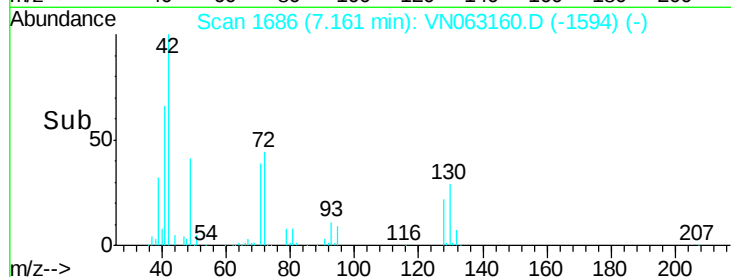
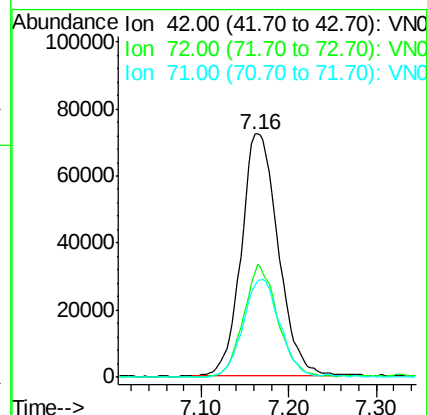
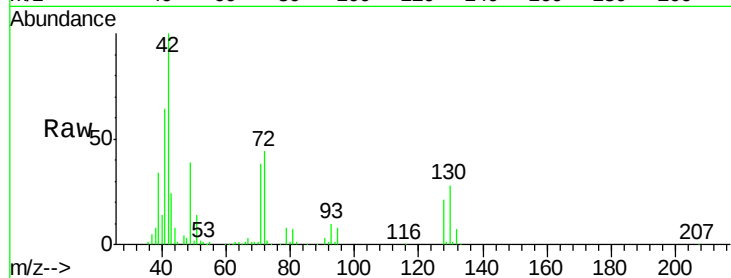




#29
Tetrahydrofuran
Concen: 100.217 ug/l
RT: 7.16 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VN063160.D
Acq: 1 Sep 2020 17:17

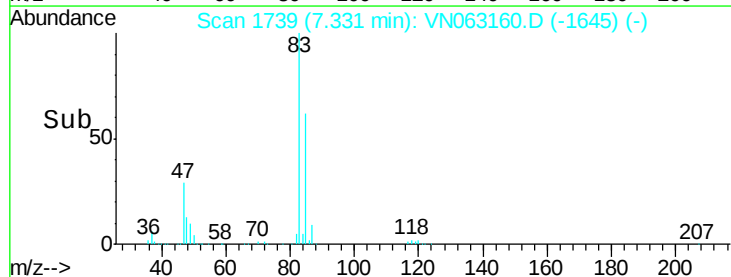
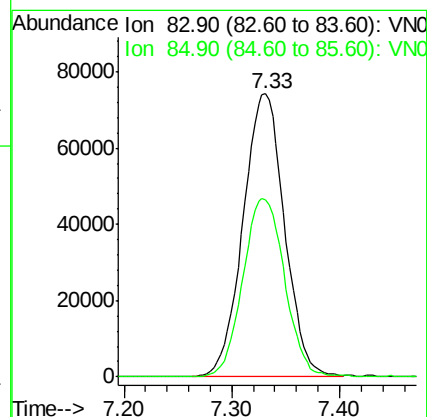
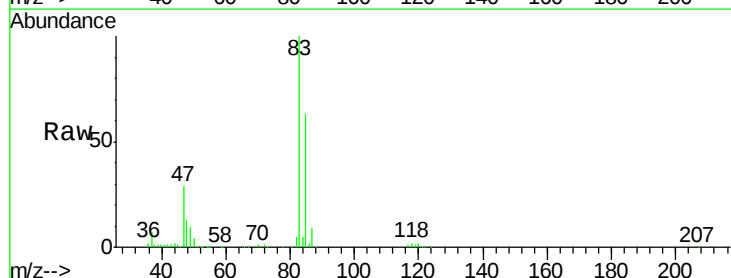
Instrument :
MSVOA_N
ClientSampleId :
VN0901WBSD01

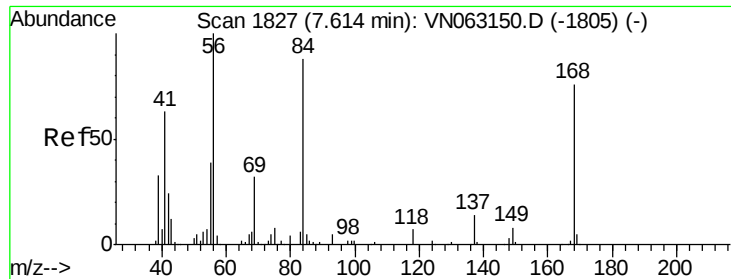
Tot Ion: 42 Resp: 211027
Ion Ratio Lower Upper
42 100
72 43.2 33.9 50.9
71 40.3 31.9 47.9



#30
Chloroform
Concen: 18.590 ug/l
RT: 7.33 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VN063160.D
Acq: 1 Sep 2020 17:17

Tgt Ion: 83 Resp: 198150
Ion Ratio Lower Upper
83 100
85 62.4 51.0 76.6

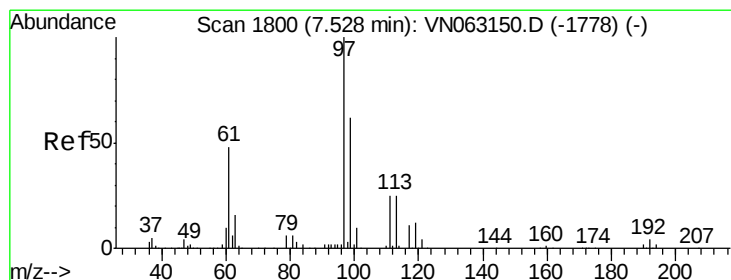
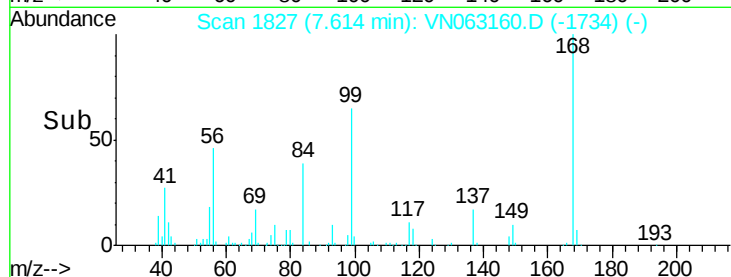
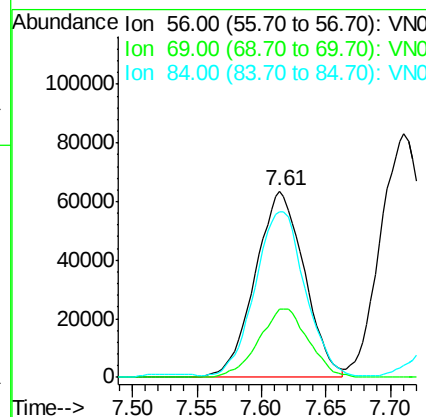
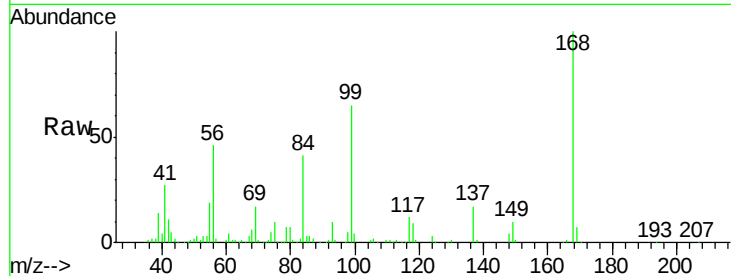




#31
Cyclohexane
Concen: 17.672 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN063160.D
Acq: 1 Sep 2020 17:17

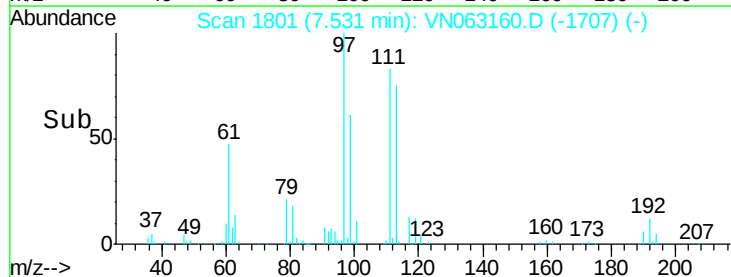
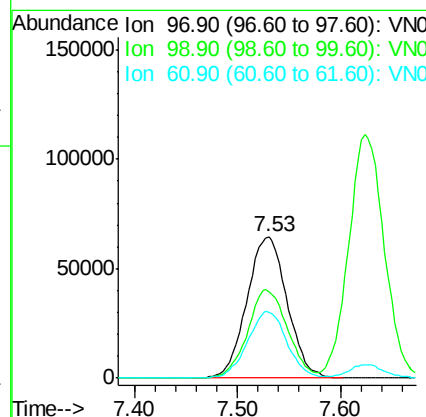
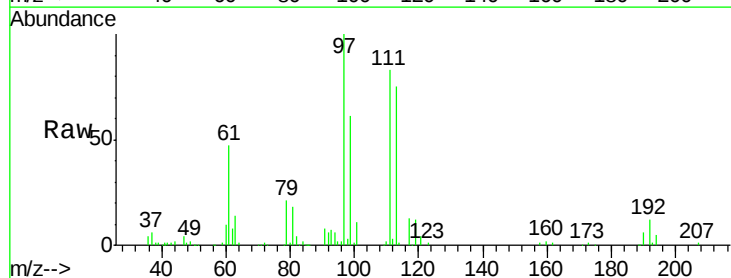
Instrument :
MSVOA_N
ClientSampleId :
VN0901WBSD01

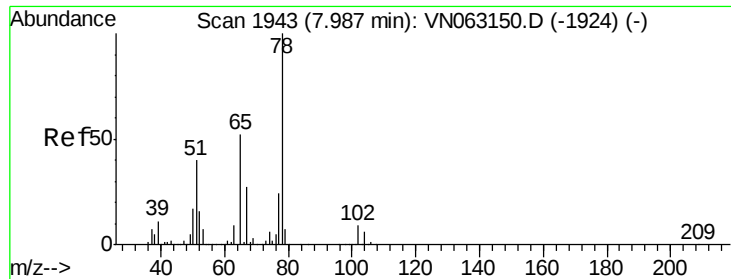
Tot Ion: 56 Resp: 168834
Ion Ratio Lower Upper
56 100
69 36.4 25.4 38.0
84 87.4 70.2 105.4



#32
1,1,1-Trichloroethane
Concen: 19.079 ug/l
RT: 7.53 min Scan# 1801
Delta R.T. 0.00 min
Lab File: VN063160.D
Acq: 1 Sep 2020 17:17

Tgt Ion: 97 Resp: 175238
Ion Ratio Lower Upper
97 100
99 61.9 50.8 76.2
61 46.2 37.4 56.2





#33

1,2-Dichloroethane-d4

Concen: 47.518 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063160.D

Acq: 1 Sep 2020 17:17

Instrument :

MSVOA_N

ClientSampleId :

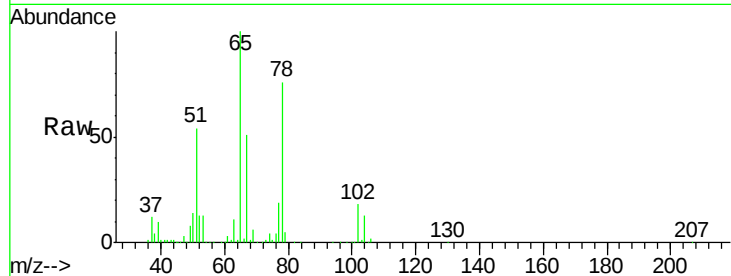
VN0901WBSD01

Tot Ion: 65 Resp: 328754

Ion Ratio Lower Upper

65 100

67 51.1 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VN063150.D (-1924) (-)

Ion 66.90 (66.60 to 67.60): VN063150.D (-1924) (-)

7.99

150000

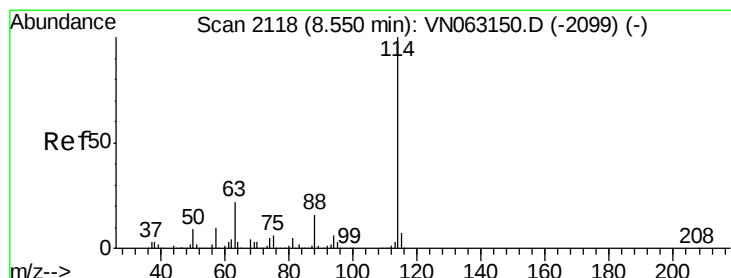
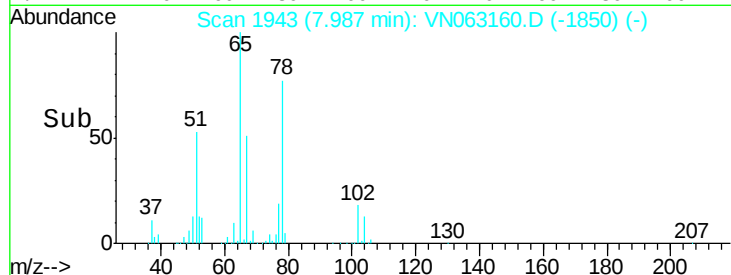
100000

50000

0

7.90 8.00 8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN063160.D

Acq: 1 Sep 2020 17:17

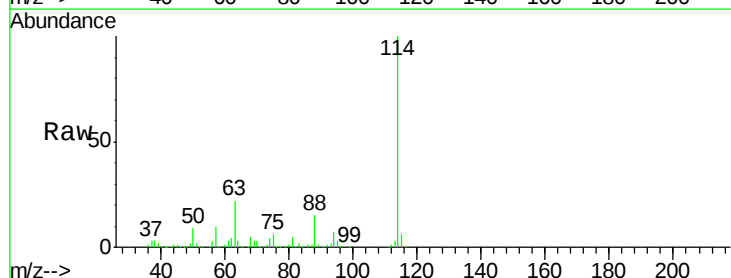
Tgt Ion: 114 Resp: 776793

Ion Ratio Lower Upper

114 100

63 22.2 0.0 43.0

88 14.8 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): VN063150.D (-2099) (-)

Ion 63.00 (62.70 to 63.70): VN063150.D (-2099) (-)

Ion 87.90 (87.60 to 88.60): VN063150.D (-2099) (-)

8.55

500000

400000

300000

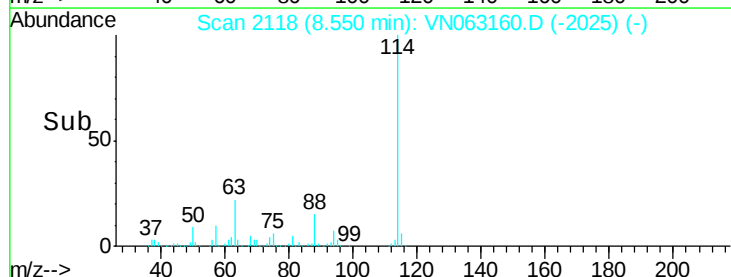
200000

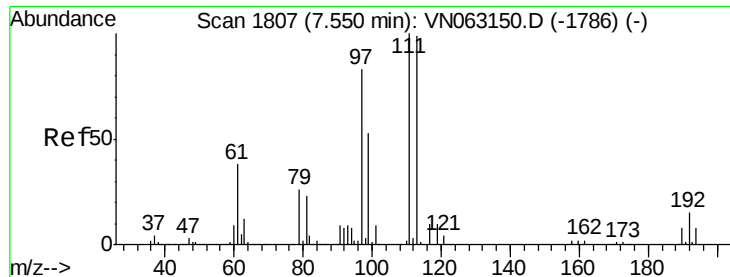
100000

0

8.50 8.60 8.70

Time-->

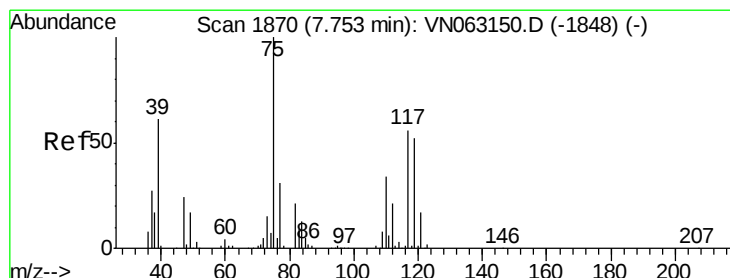
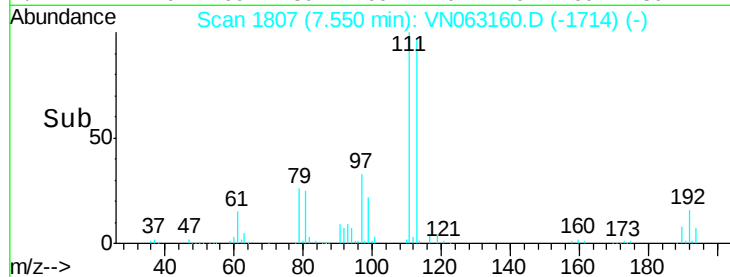
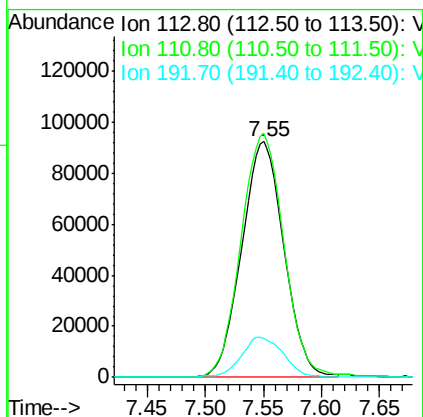
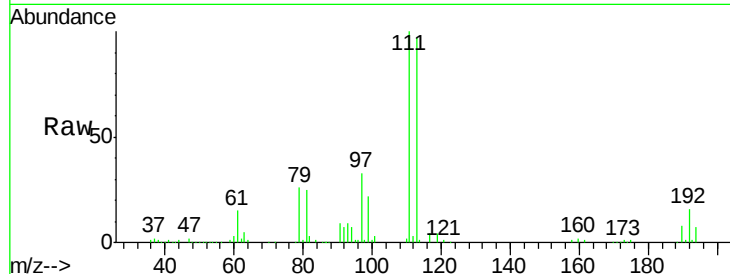




#35
 Dibromofluoromethane
 Concen: 47.023 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VN063160.D
 Acq: 1 Sep 2020 17:17

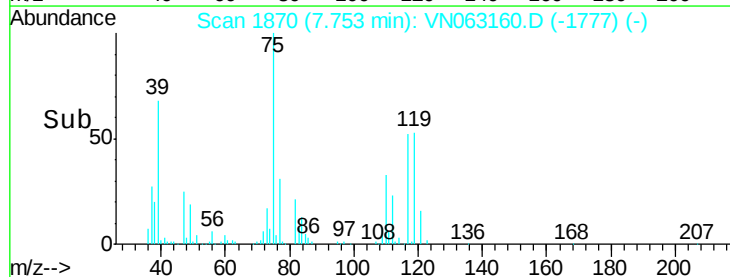
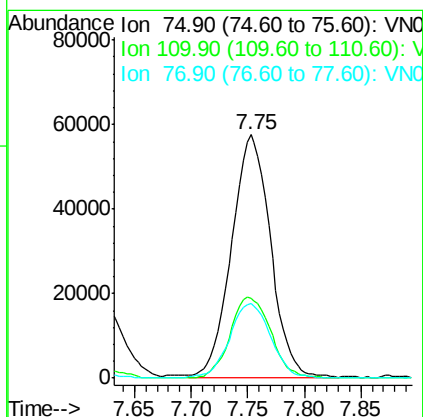
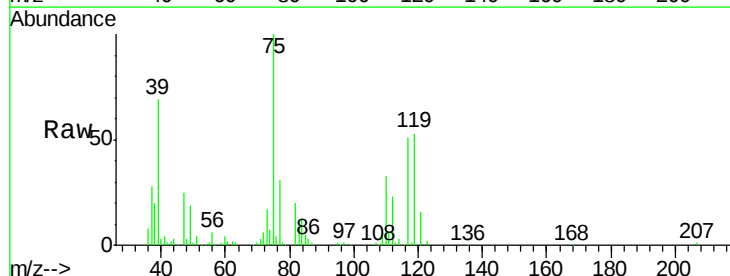
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0901WBSD01

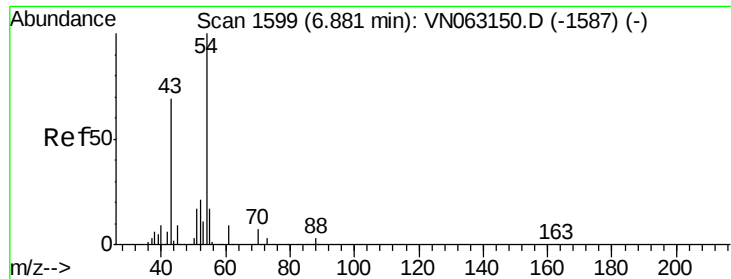
Tot Ion:113 Resp: 234341
 Ion Ratio Lower Upper
 113 100
 111 105.3 80.7 121.1
 192 17.0 12.6 19.0



#36
 1,1-Dichloropropene
 Concen: 18.395 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN063160.D
 Acq: 1 Sep 2020 17:17

Tgt Ion: 75 Resp: 137367
 Ion Ratio Lower Upper
 75 100
 110 34.8 16.6 49.8
 77 32.7 25.4 38.2

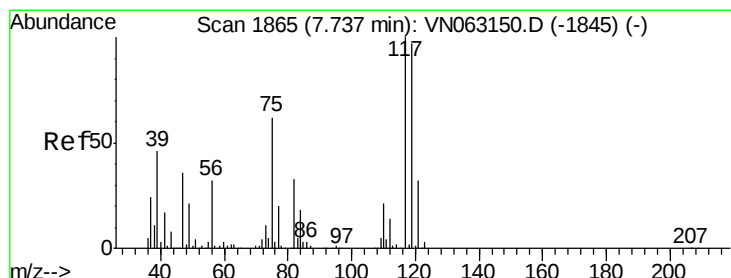
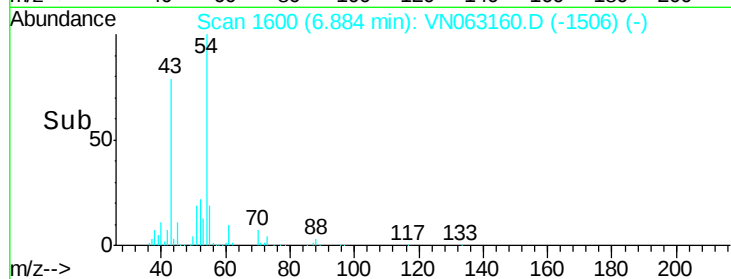
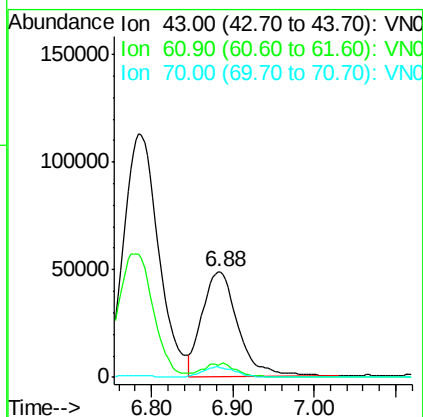
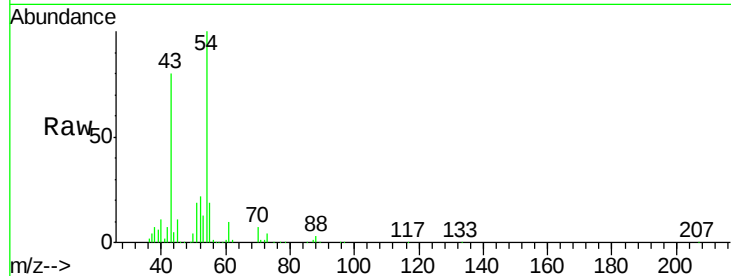




#37
Ethyl Acetate
Concen: 21.233 ug/l
RT: 6.88 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VN063160.D
Acq: 1 Sep 2020 17:17

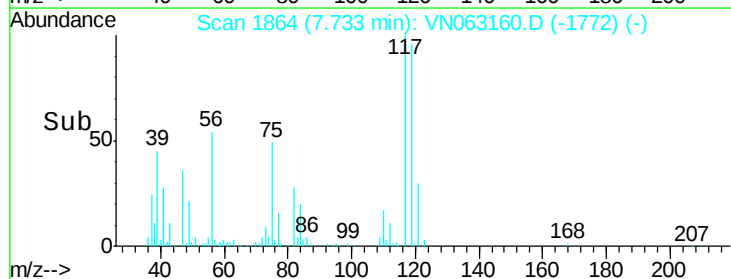
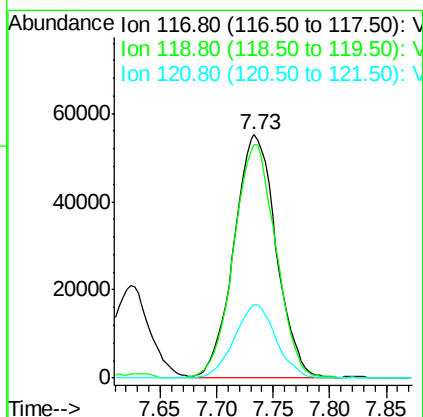
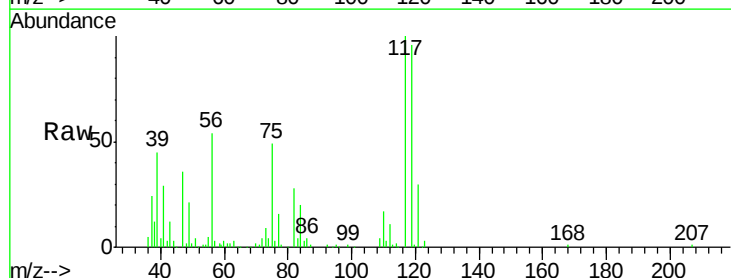
Instrument :
MSVOA_N
ClientSampled :
VN0901WBSD01

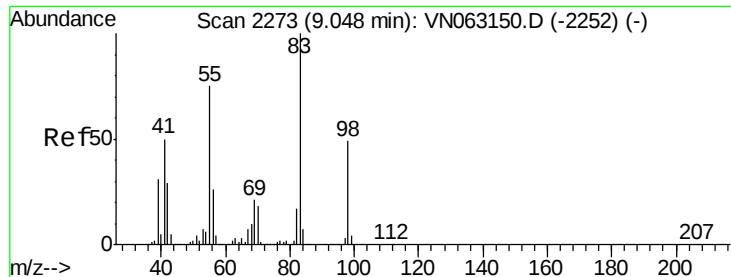
Tot Ion: 43 Resp: 148168
Ion Ratio Lower Upper
43 100
61 0.0 10.2 15.4#
70 9.5 3.0 4.6#



#38
Carbon Tetrachloride
Concen: 18.838 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN063160.D
Acq: 1 Sep 2020 17:17

Tgt Ion: 117 Resp: 142666
Ion Ratio Lower Upper
117 100
119 95.6 77.2 115.8
121 30.2 25.6 38.4

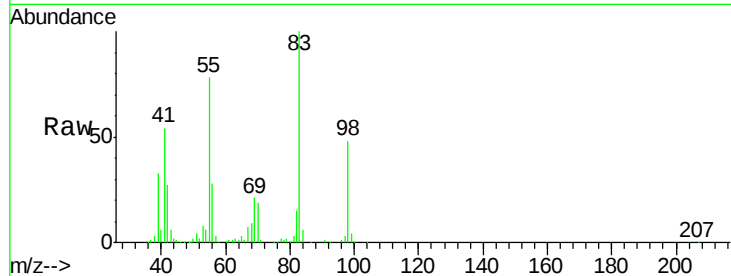




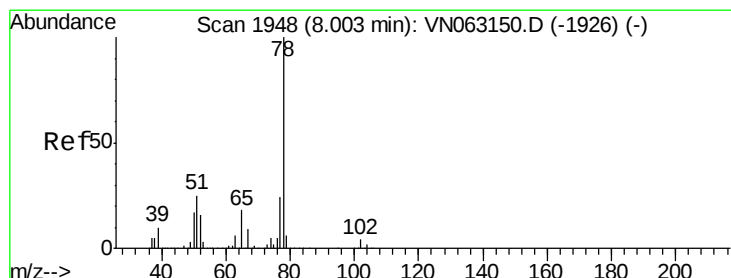
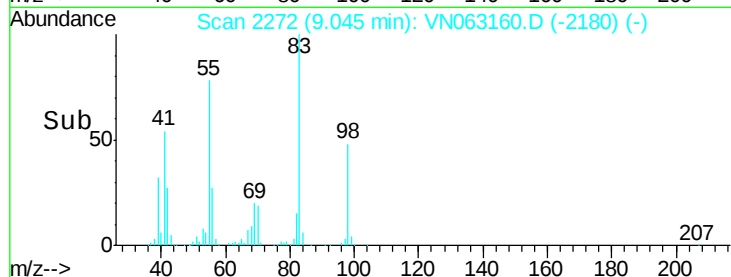
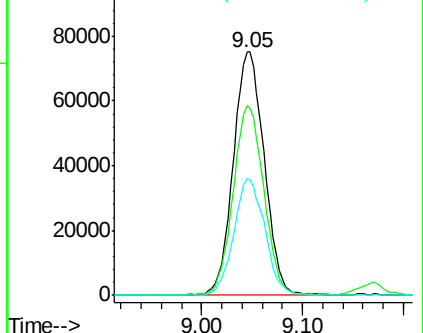
#39
Methvlcvclohexane
Concen: 19.066 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN063160.D
Acq: 1 Sep 2020 17:17

Instrument :
MSVOA_N
ClientSampleId :
VN0901WBSD01

Tot Ion: 83 Resp: 159951
Ion Ratio Lower Upper
83 100
55 77.4 60.3 90.5
98 48.0 38.9 58.3

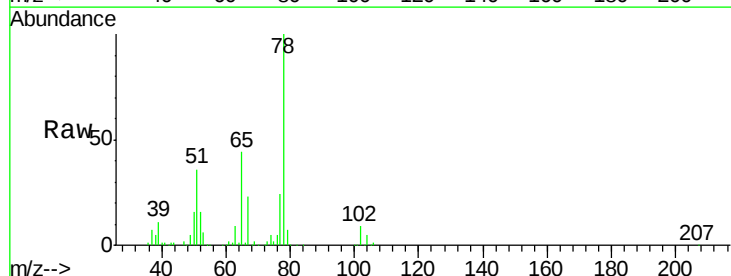


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

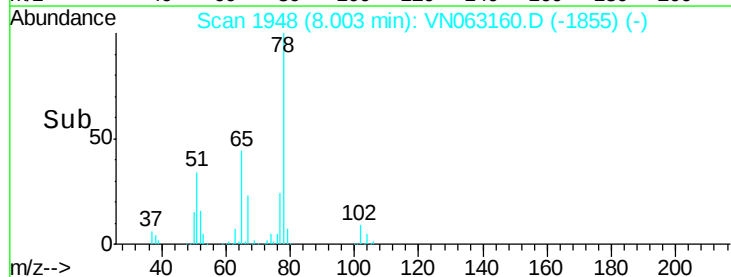
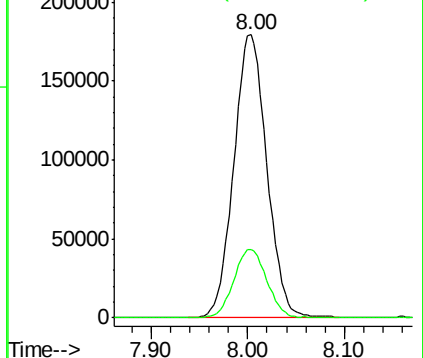


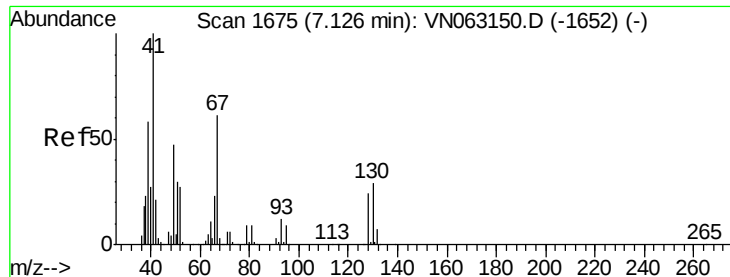
#40
Benzene
Concen: 19.393 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN063160.D
Acq: 1 Sep 2020 17:17

Tgt Ion: 78 Resp: 425564
Ion Ratio Lower Upper
78 100
77 24.2 19.3 28.9



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0





#41

Methacrylonitrile

Concen: 20.653 ug/l m

RT: 7.14 min Scan# 1678

Delta R.T. 0.01 min

Lab File: VN063160.D

Acq: 1 Sep 2020 17:17

Instrument :

MSVOA_N

ClientSampled :

VN0901WBSD01

Tot Ion: 41 Resp: 64974

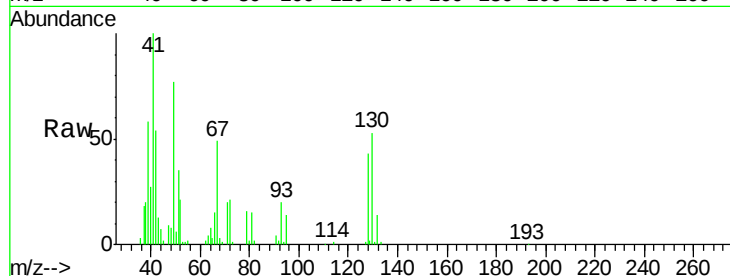
Ion Ratio Lower Upper

41 100

39 0.0 46.6 70.0#

67 0.0 62.6 94.0#

52 0.0 28.0 42.0#

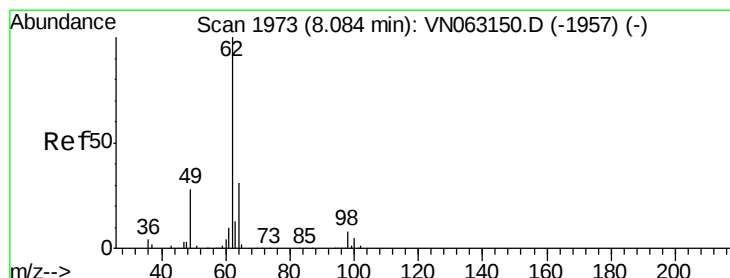
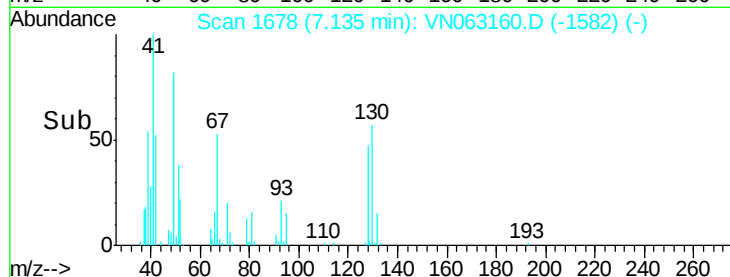
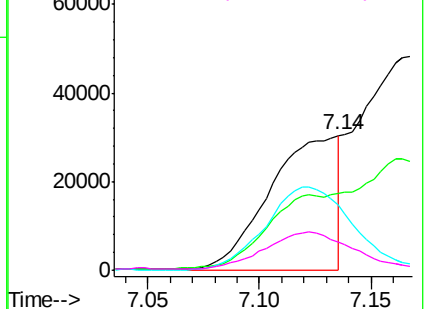


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#42

1,2-Dichloroethane

Concen: 19.627 ug/l

RT: 8.09 min Scan# 1974

Delta R.T. 0.00 min

Lab File: VN063160.D

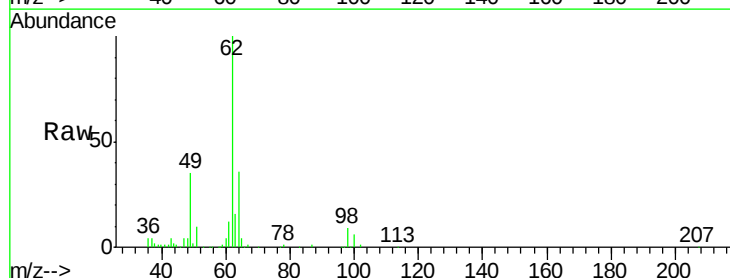
Acq: 1 Sep 2020 17:17

Tgt Ion: 62 Resp: 160888

Ion Ratio Lower Upper

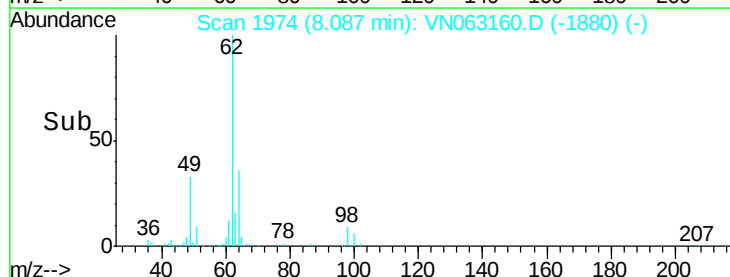
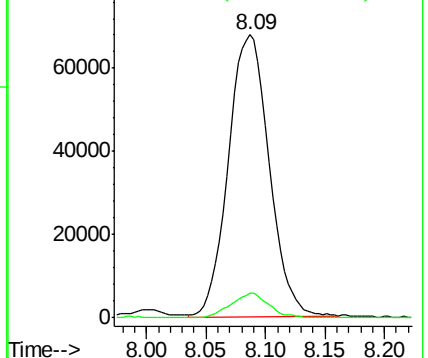
62 100

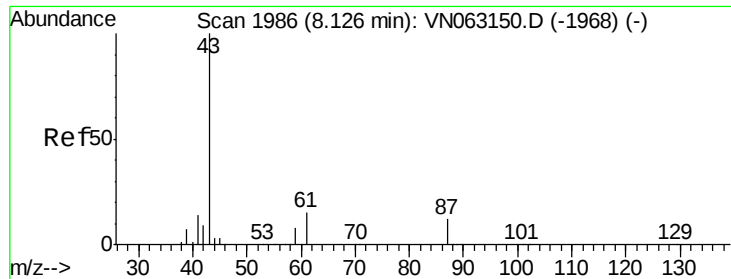
98 8.2 0.0 17.2



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 20.546 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN063160.D

Acq: 1 Sep 2020 17:17

Instrument :

MSVOA_N

ClientSampleId :

VN0901WBSD01

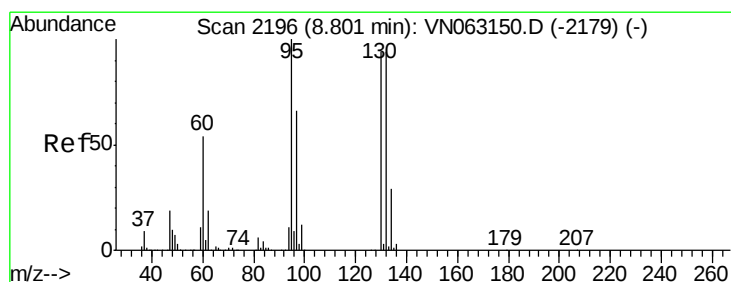
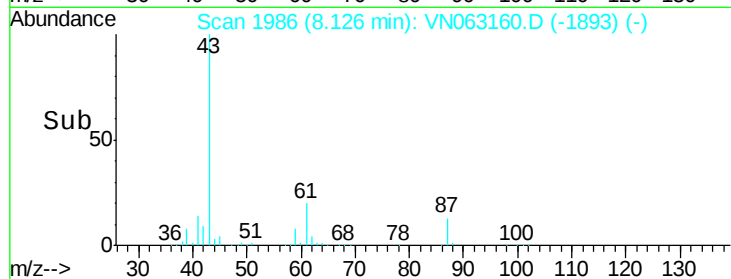
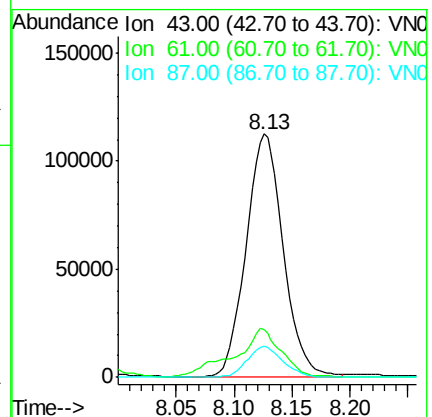
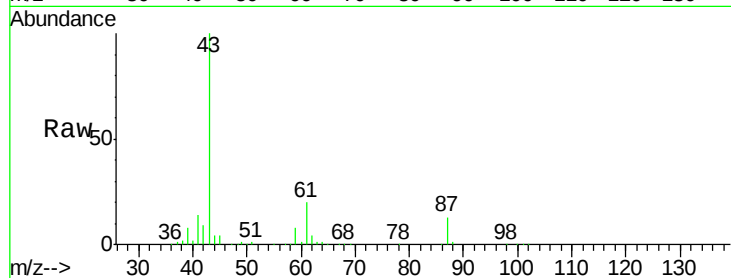
Tot Ion: 43 Resp: 250224

Ion Ratio Lower Upper

43 100

61 25.1 20.2 30.4

87 12.3 9.8 14.6



#44

Trichloroethene

Concen: 21.105 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN063160.D

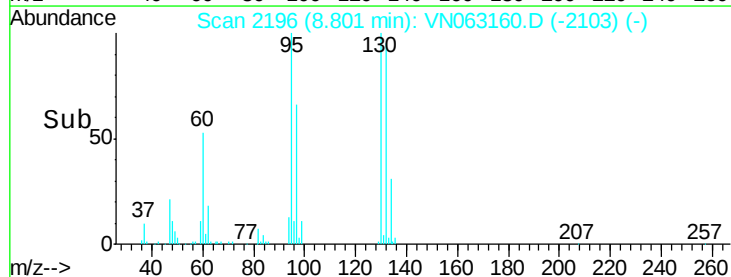
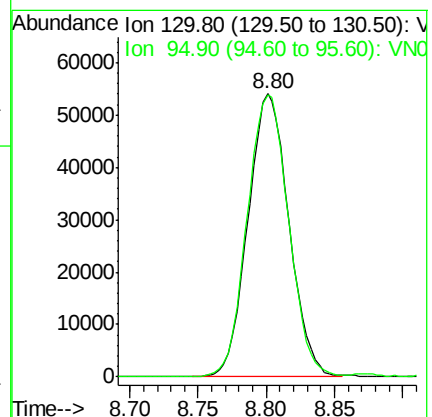
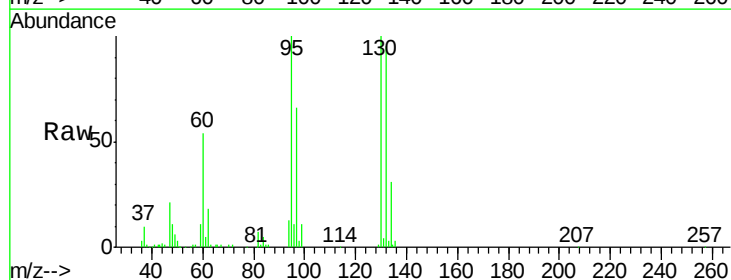
Acq: 1 Sep 2020 17:17

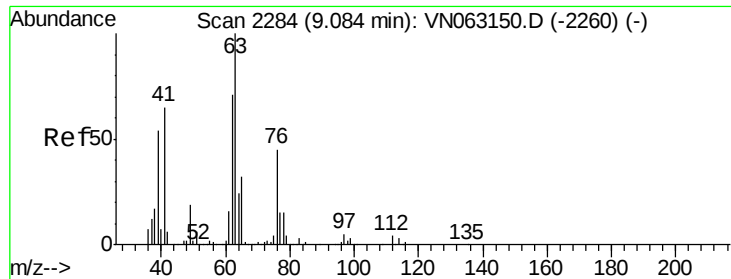
Tgt Ion:130 Resp: 112340

Ion Ratio Lower Upper

130 100

95 99.6 0.0 212.0

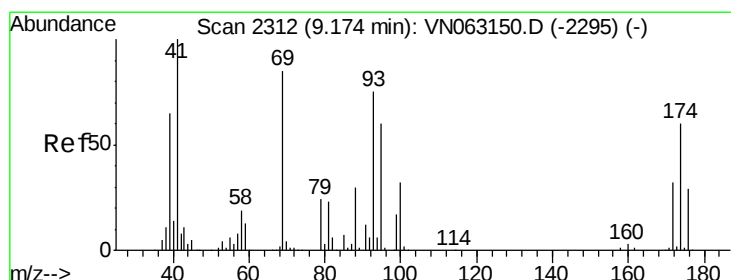
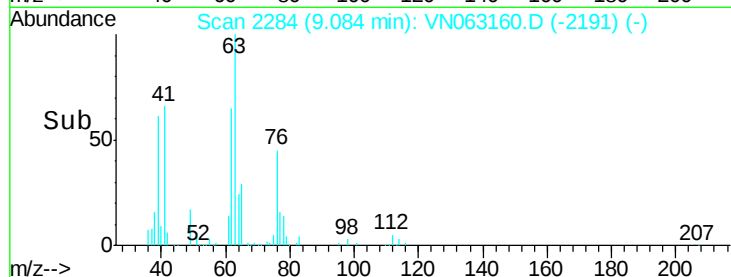
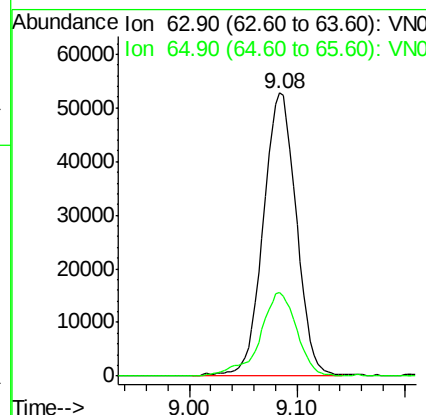
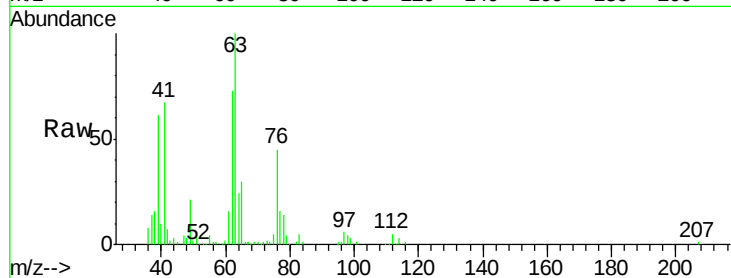




#45
 1,2-Dichloropropane
 Concen: 19.361 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN063160.D
 Acq: 1 Sep 2020 17:17

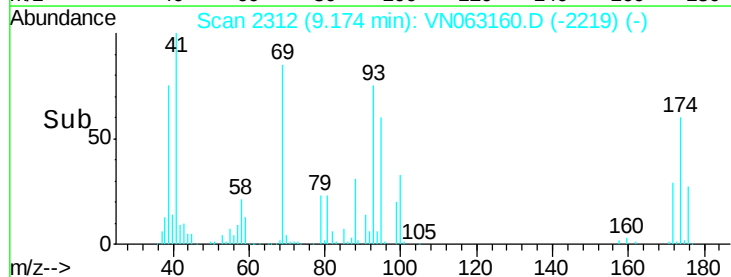
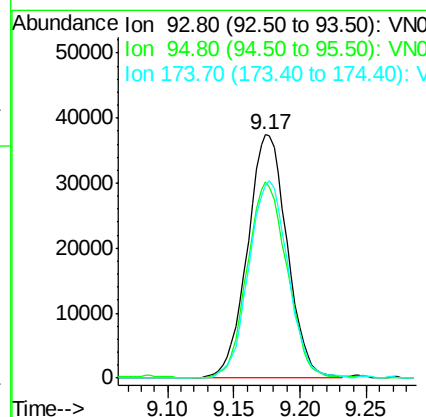
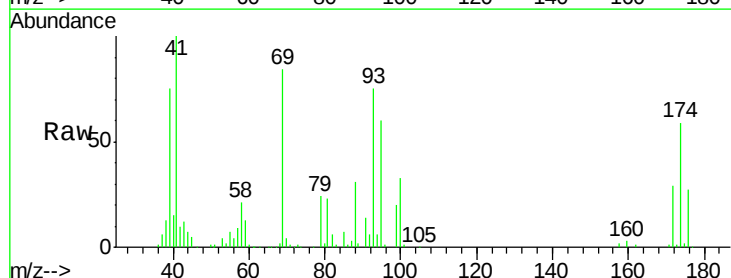
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0901WBSD01

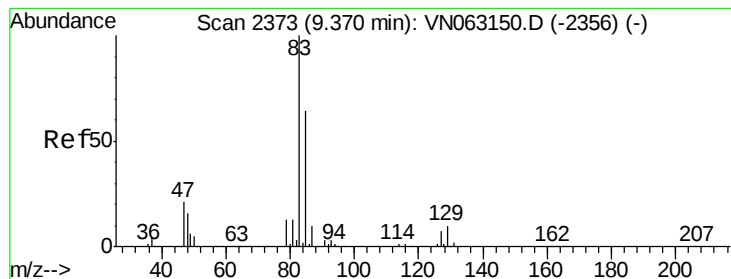
Tot Ion: 63 Resp: 112490
 Ion Ratio Lower Upper
 63 100
 65 29.6 25.4 38.0



#46
 Dibromomethane
 Concen: 20.204 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN063160.D
 Acq: 1 Sep 2020 17:17

Tgt Ion: 93 Resp: 77794
 Ion Ratio Lower Upper
 93 100
 95 80.6 65.2 97.8
 174 80.5 64.6 97.0





#47

Bromodichloromethane

Concen: 19.823 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN063160.D

Acq: 1 Sep 2020 17:17

Instrument :

MSVOA_N

ClientSampleId :

VN0901WBSD01

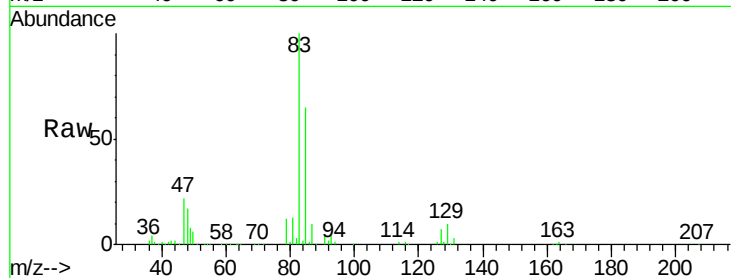
Tot Ion: 83 Resp: 163601

Ion Ratio Lower Upper

83 100

85 65.3 51.0 76.6

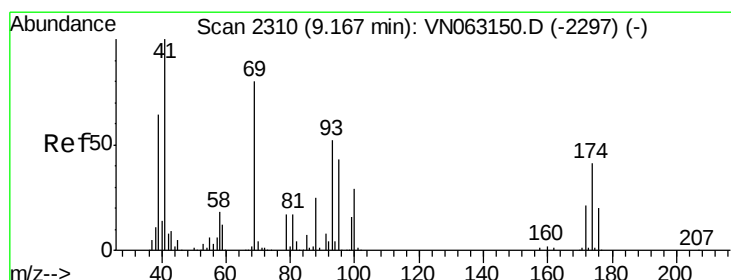
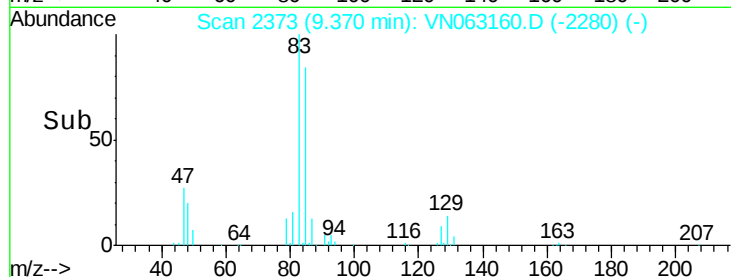
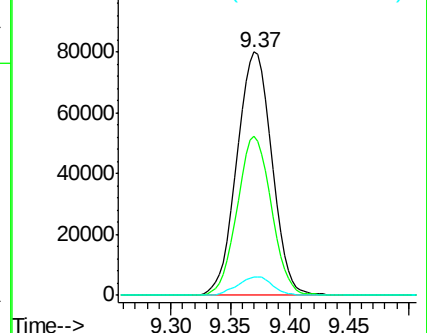
127 7.3 5.7 8.5



Abundance Ion 82.90 (82.60 to 83.60): VN063160.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN063160.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN063160.D (-2280) (-)



#48

Methyl methacrylate

Concen: 20.248 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN063160.D

Acq: 1 Sep 2020 17:17

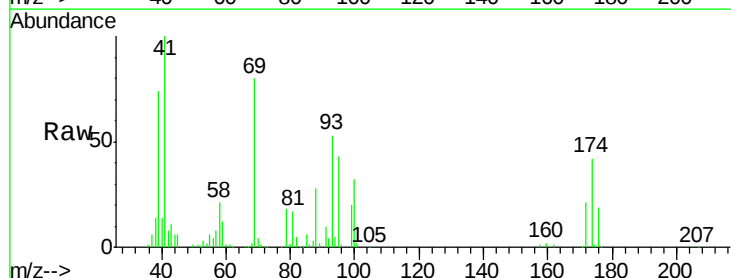
Tgt Ion: 41 Resp: 111167

Ion Ratio Lower Upper

41 100

69 82.7 65.9 98.9

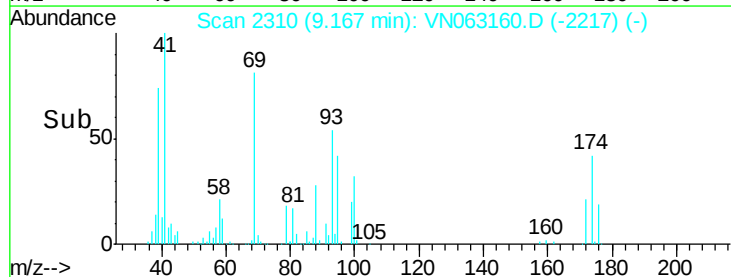
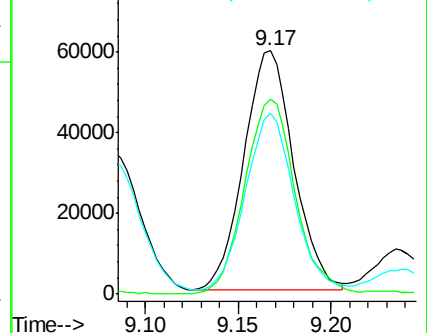
39 73.9 52.0 78.0

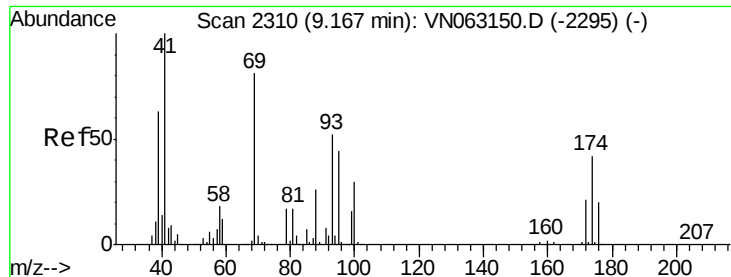


Abundance Ion 41.00 (40.70 to 41.70): VN063160.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN063160.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN063160.D (-2217) (-)





#49

1,4-Dioxane

Concen: 424.815 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN063160.D

Acq: 1 Sep 2020 17:17

Instrument :

MSVOA_N

ClientSampled :

VN0901WBSD01

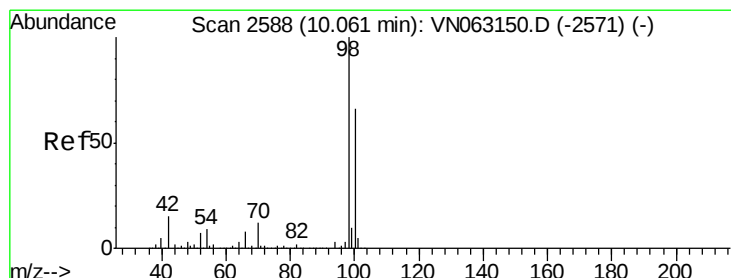
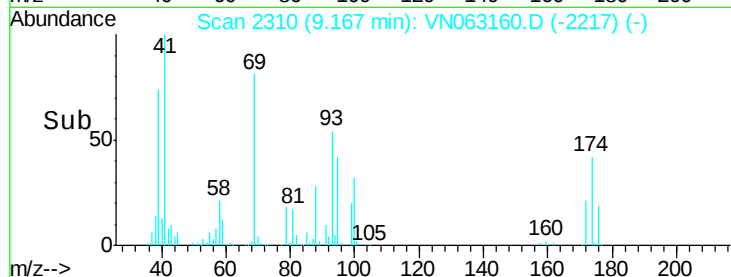
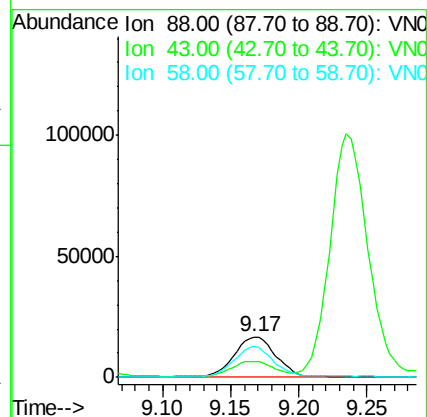
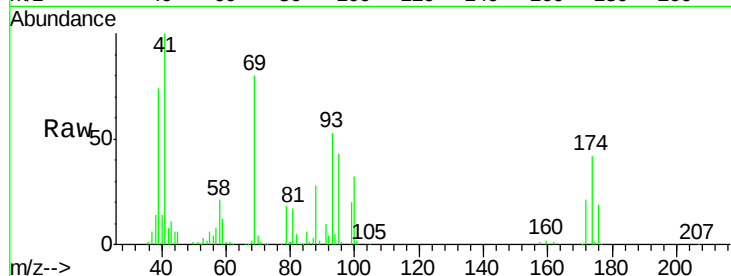
Tot Ion: 88 Resp: 36074

Ion Ratio Lower Upper

88 100

43 36.4 28.6 42.8

58 72.3 53.2 79.8



#50

Toluene-d8

Concen: 47.926 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. -0.00 min

Lab File: VN063160.D

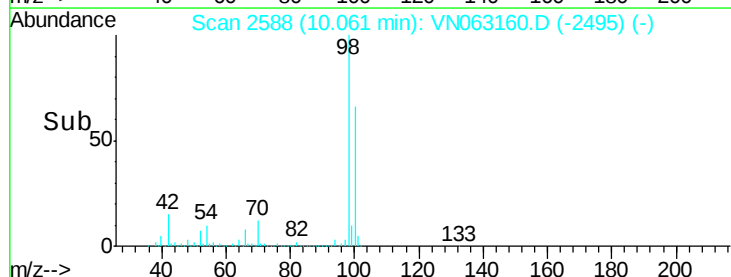
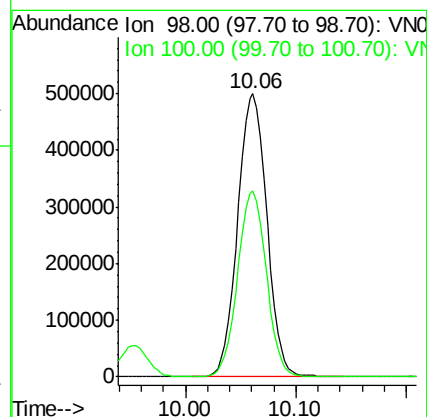
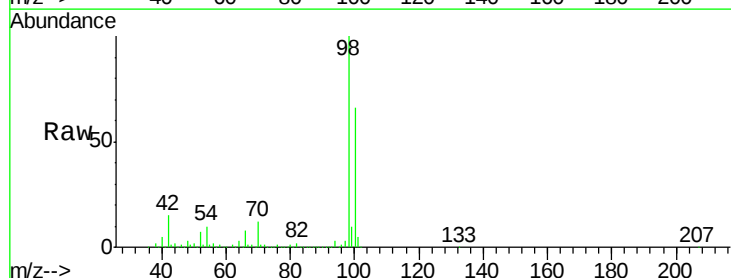
Acq: 1 Sep 2020 17:17

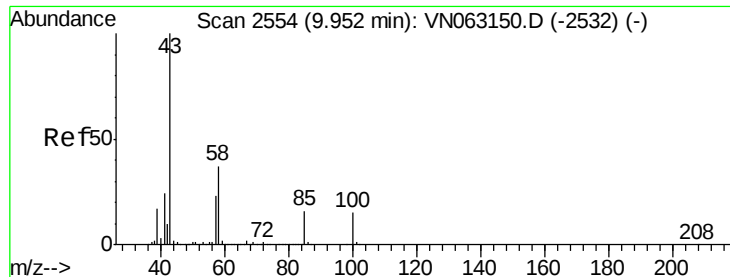
Tgt Ion: 98 Resp: 919295

Ion Ratio Lower Upper

98 100

100 64.6 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 109.717 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063160.D

Acq: 1 Sep 2020 17:17

Instrument :

MSVOA_N

ClientSampleId :

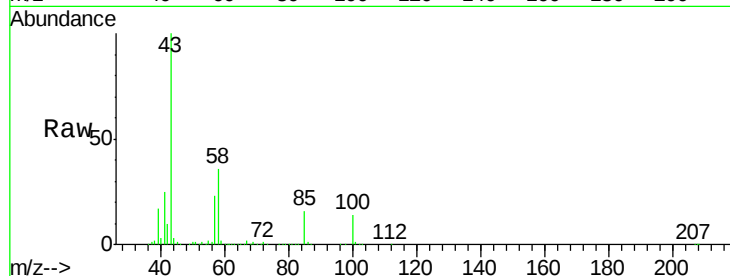
VN0901WBSD01

Tot Ion: 43 Resp: 726107

Ion Ratio Lower Upper

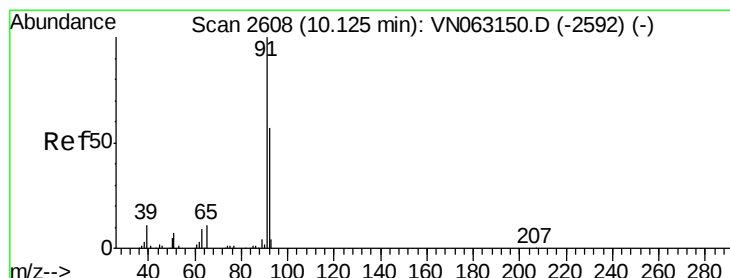
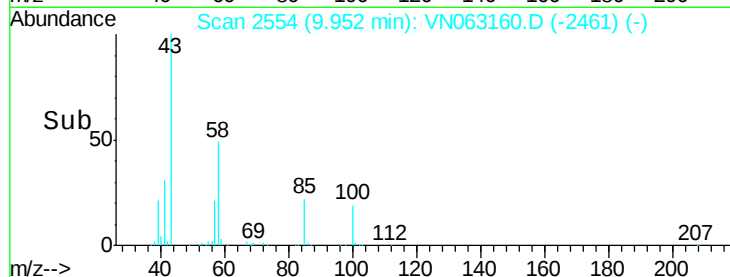
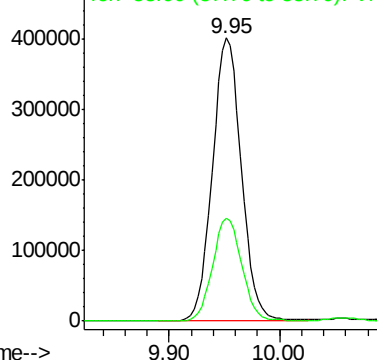
43 100

58 37.0 29.2 43.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 19.378 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. -0.00 min

Lab File: VN063160.D

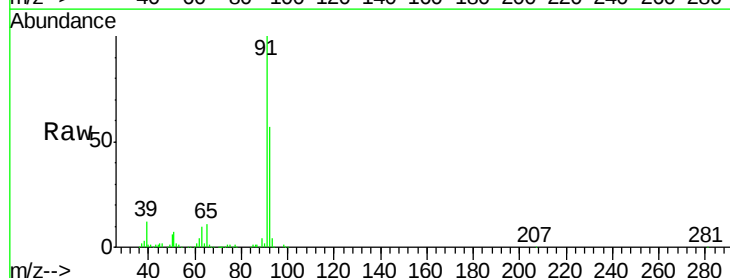
Acq: 1 Sep 2020 17:17

Tgt Ion: 92 Resp: 264896

Ion Ratio Lower Upper

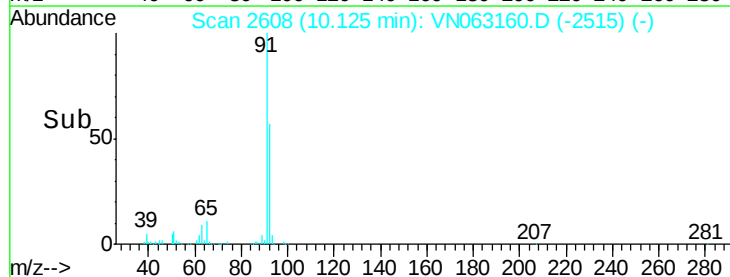
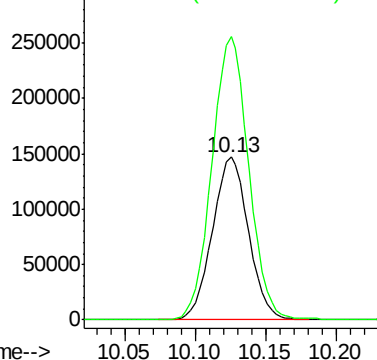
92 100

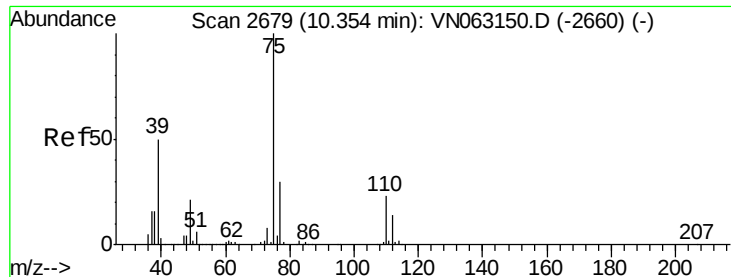
91 176.4 141.2 211.8



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 19.027 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. -0.00 min

Lab File: VN063160.D

Acq: 1 Sep 2020 17:17

Instrument :

MSVOA_N

ClientSampleId :

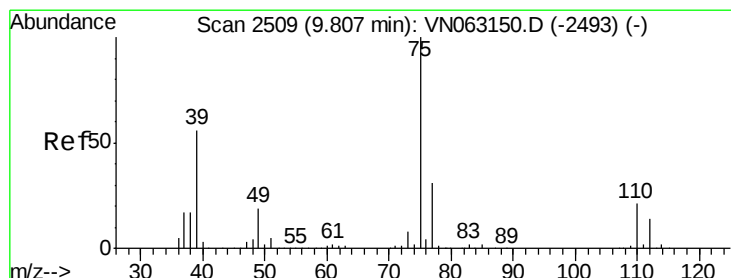
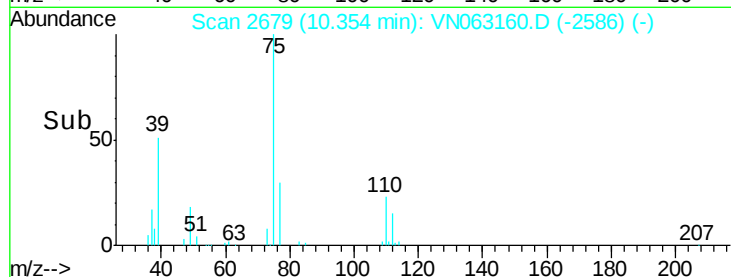
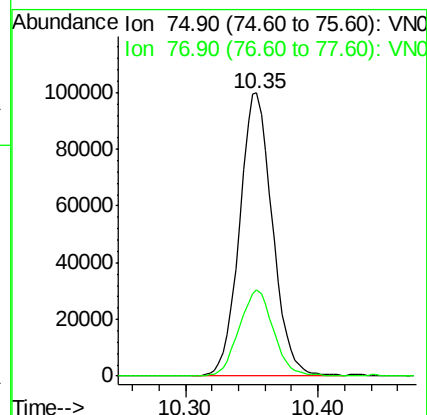
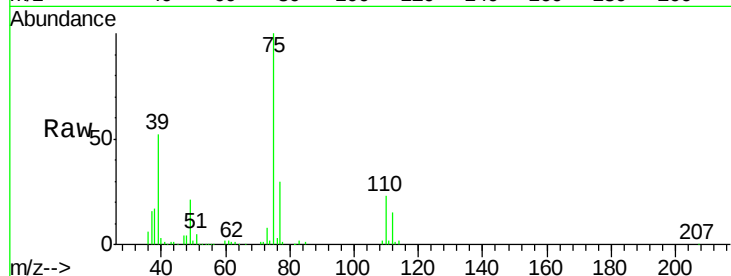
VN0901WBSD01

Tot Ion: 75 Resp: 171772

Ion Ratio Lower Upper

75 100

77 30.4 24.2 36.2



#54

cis-1,3-Dichloropropene

Concen: 19.175 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN063160.D

Acq: 1 Sep 2020 17:17

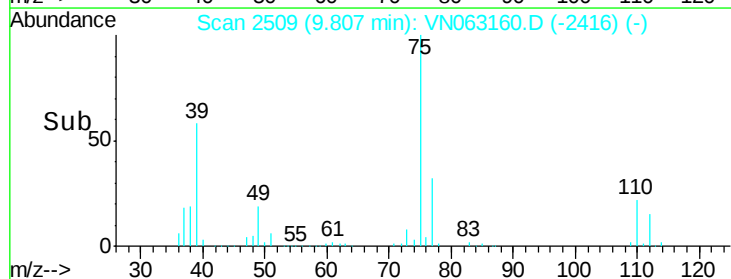
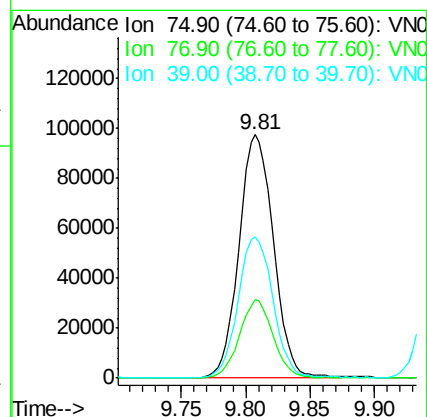
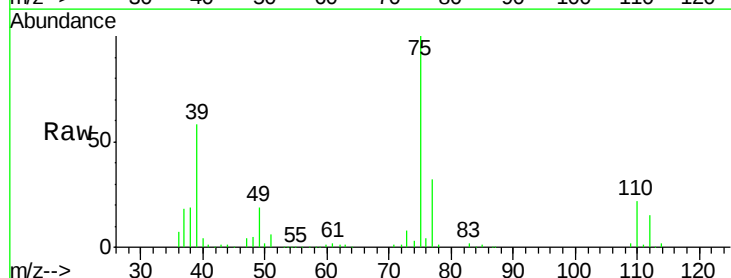
Tgt Ion: 75 Resp: 181708

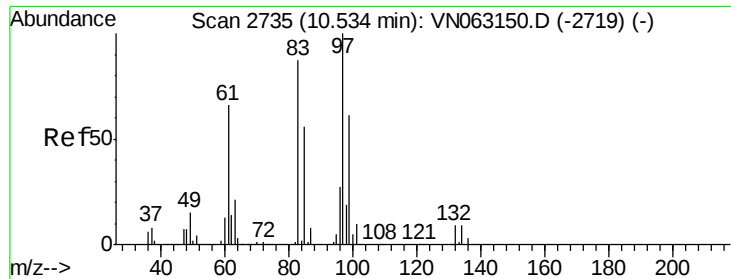
Ion Ratio Lower Upper

75 100

77 31.8 24.8 37.2

39 57.9 45.0 67.6

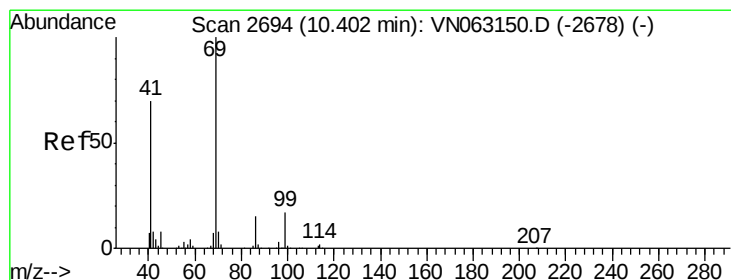
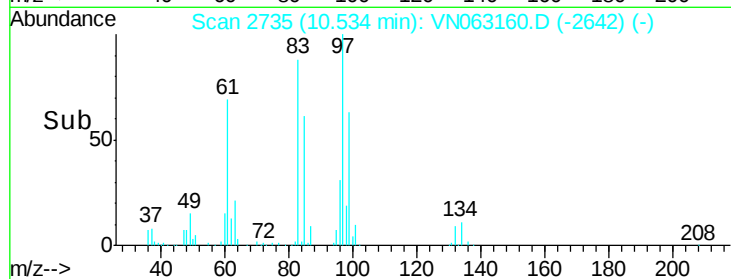
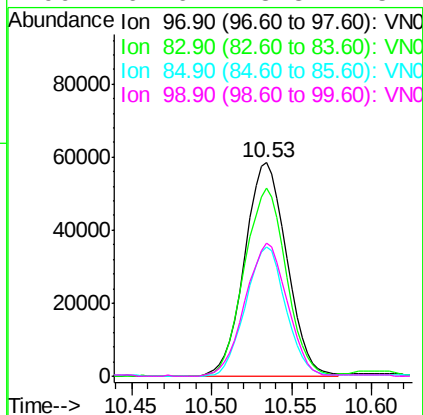
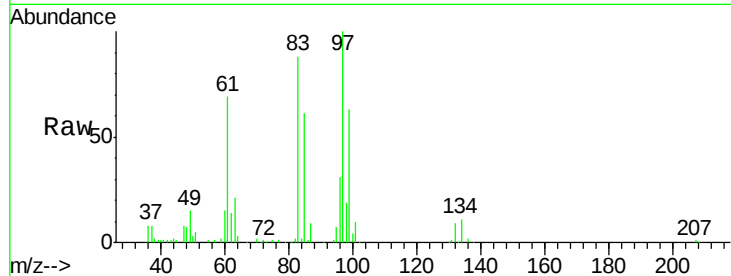




#55
 1,1,2-Trichloroethane
 Concen: 20.182 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. -0.00 min
 Lab File: VN063160.D
 Acq: 1 Sep 2020 17:17

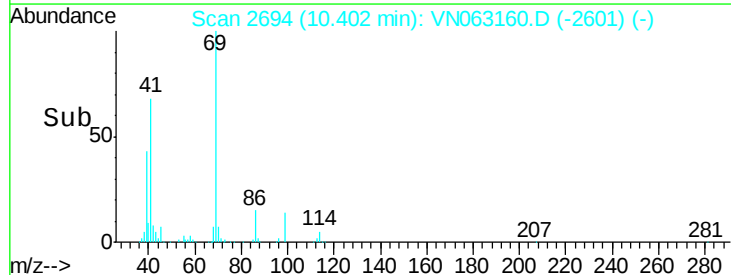
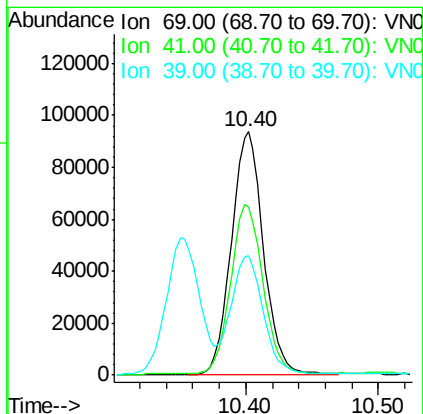
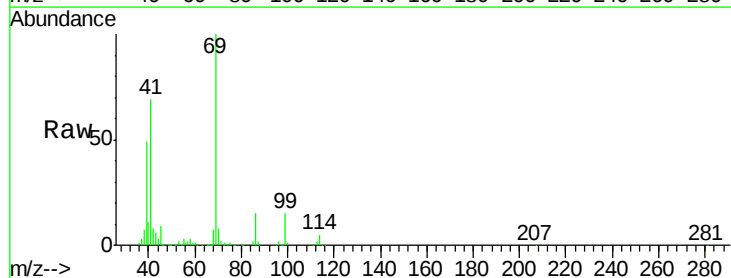
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0901WBSD01

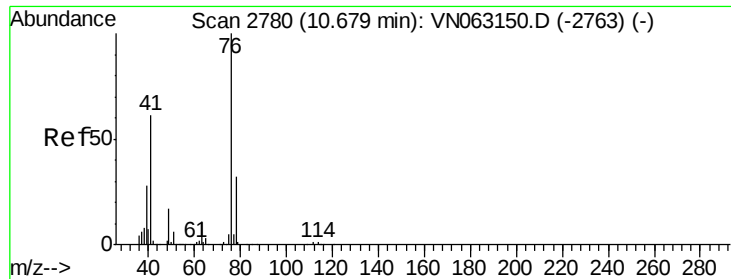
Tot Ion: 97 Resp: 105659
 Ion Ratio Lower Upper
 97 100
 83 87.9 69.8 104.8
 85 60.7 44.9 67.3
 99 62.6 48.8 73.2



#56
 Ethyl methacrylate
 Concen: 19.798 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. -0.00 min
 Lab File: VN063160.D
 Acq: 1 Sep 2020 17:17

Tgt Ion: 69 Resp: 157738
 Ion Ratio Lower Upper
 69 100
 41 69.9 55.5 83.3
 39 49.0 38.2 57.2

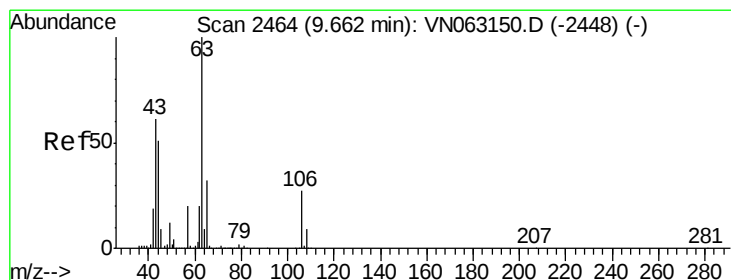
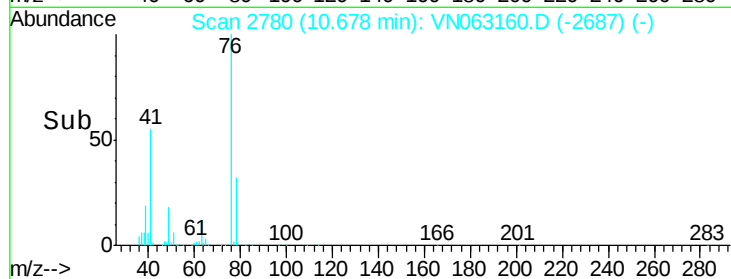
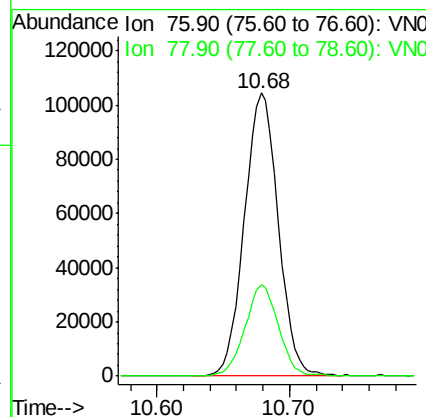
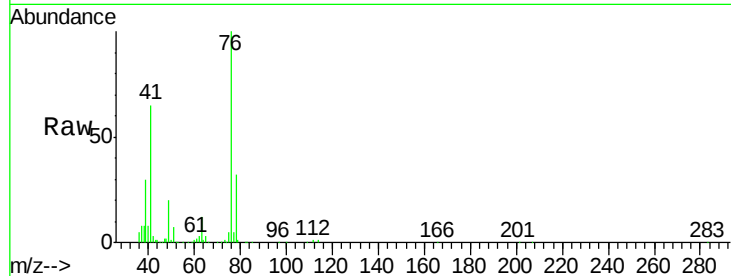




#57
 1,3-Dichloropropane
 Concen: 19.864 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. -0.00 min
 Lab File: VN063160.D
 Acq: 1 Sep 2020 17:17

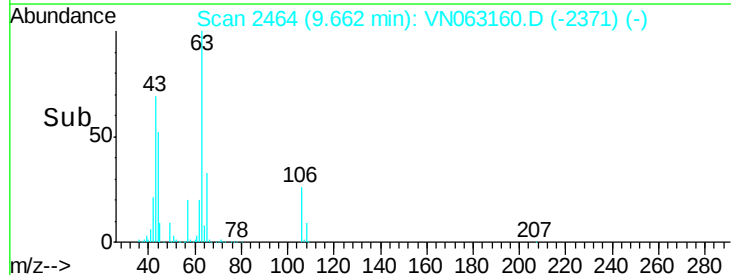
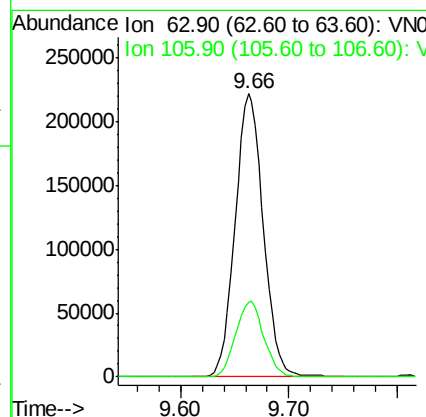
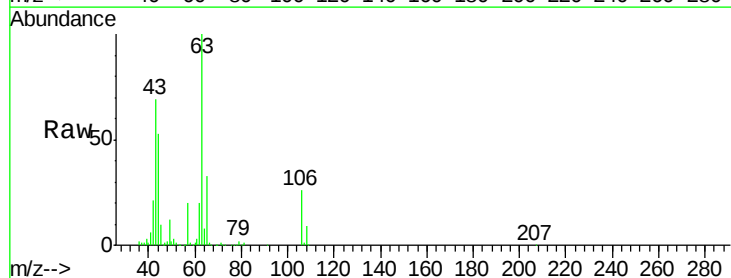
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0901WBSD01

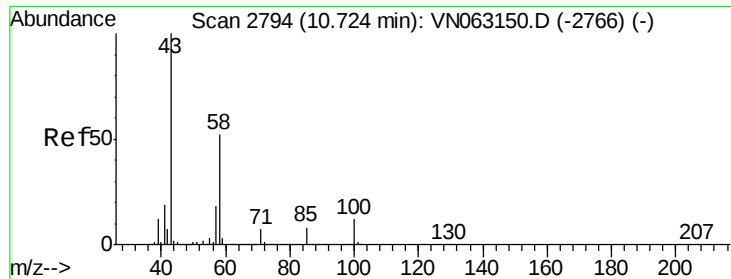
Tot Ion: 76 Resp: 185267
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 97.754 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: VN063160.D
 Acq: 1 Sep 2020 17:17

Tgt Ion: 63 Resp: 403310
 Ion Ratio Lower Upper
 63 100
 106 26.9 21.8 32.6

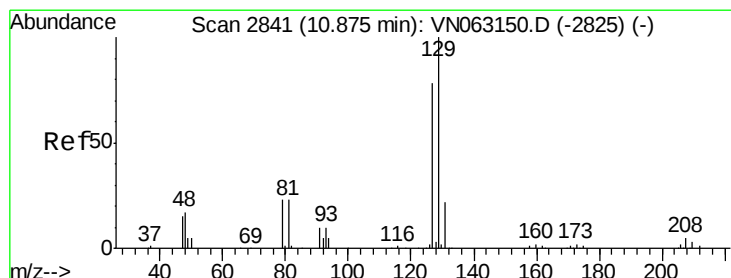
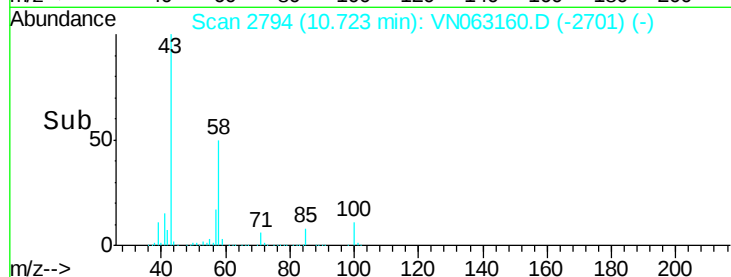
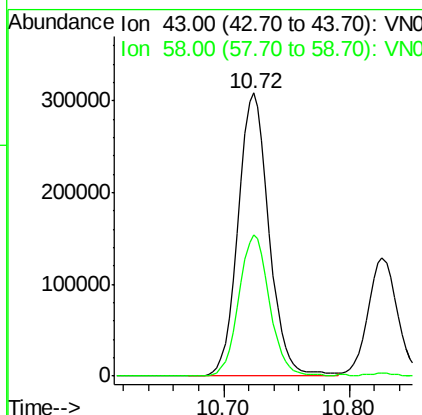
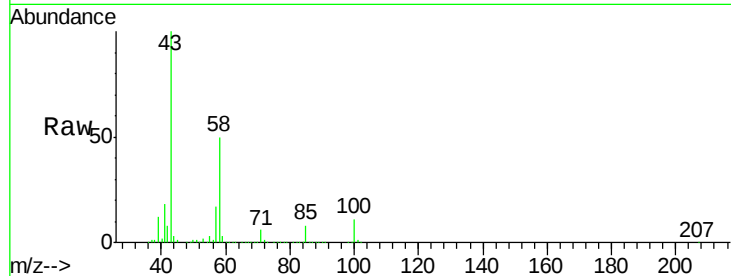




#59
2-Hexanone
Concen: 112.687 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. -0.00 min
Lab File: VN063160.D
Acq: 1 Sep 2020 17:17

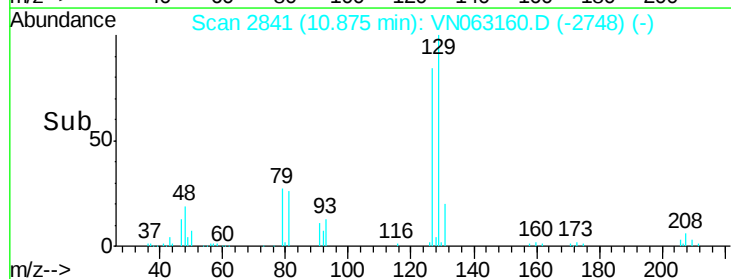
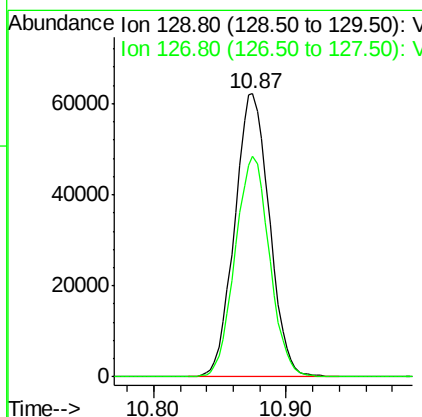
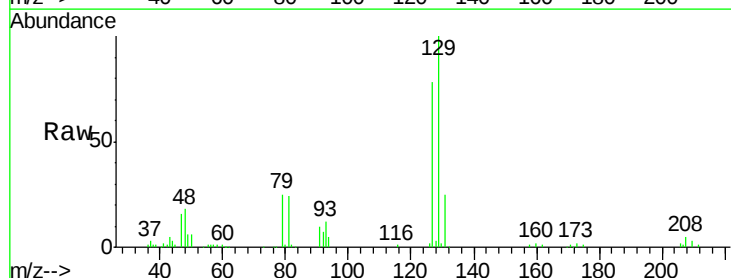
Instrument :
MSVOA_N
ClientSampleId :
VN0901WBSD01

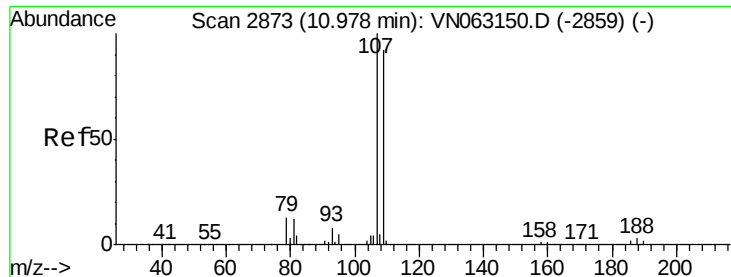
Tot Ion: 43 Resp: 524112
Ion Ratio Lower Upper
43 100
58 50.1 25.9 77.8



#60
Dibromochloromethane
Concen: 19.567 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. -0.00 min
Lab File: VN063160.D
Acq: 1 Sep 2020 17:17

Tgt Ion: 129 Resp: 113255
Ion Ratio Lower Upper
129 100
127 77.1 39.0 117.0





#61

1,2-Dibromoethane

Concen: 20.188 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. -0.00 min

Lab File: VN063160.D

Acq: 1 Sep 2020 17:17

Instrument :

MSVOA_N

ClientSampleId :

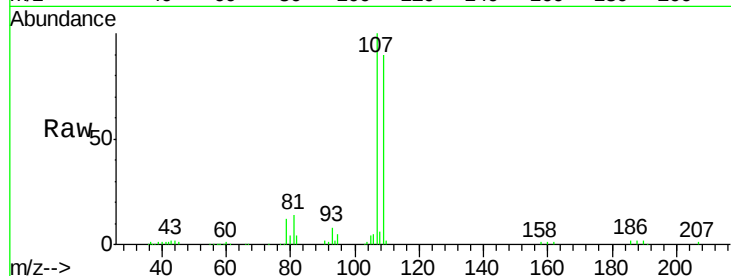
VN0901WBSD01

Tot Ion:107 Resp: 109867

Ion Ratio Lower Upper

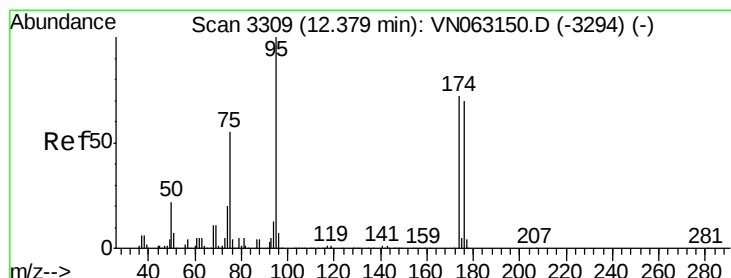
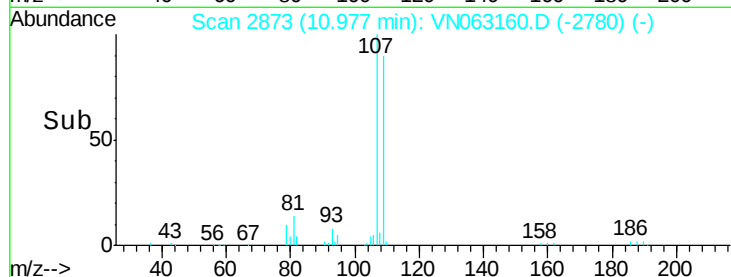
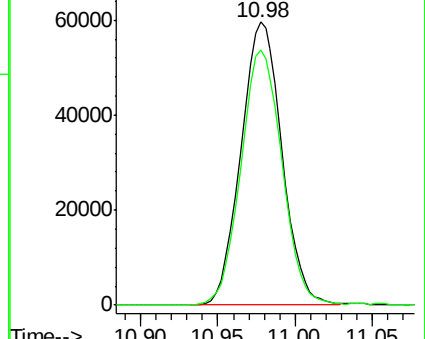
107 100

109 90.3 73.4 110.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.243 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063160.D

Acq: 1 Sep 2020 17:17

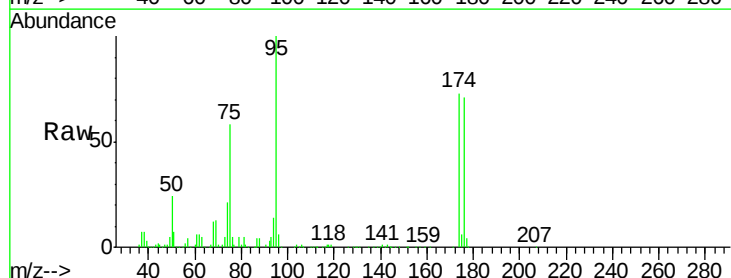
Tgt Ion: 95 Resp: 316994

Ion Ratio Lower Upper

95 100

174 72.6 0.0 143.8

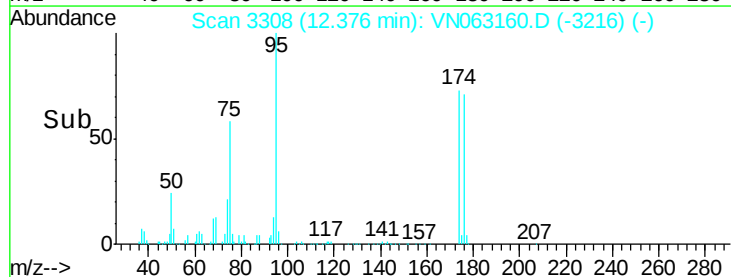
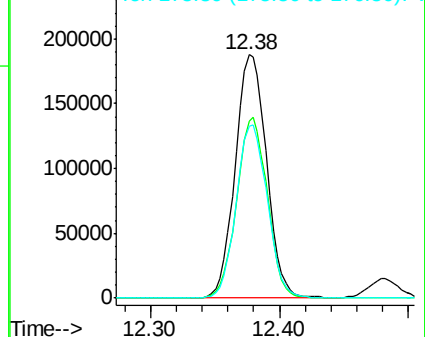
176 70.9 0.0 138.4

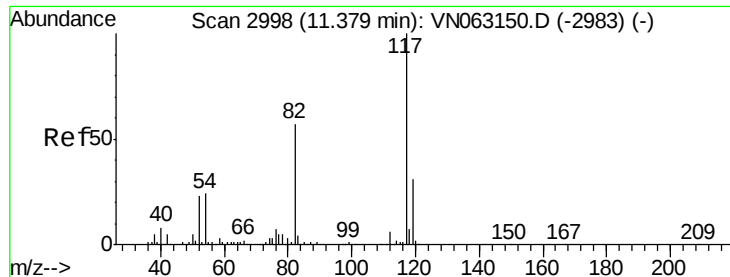


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

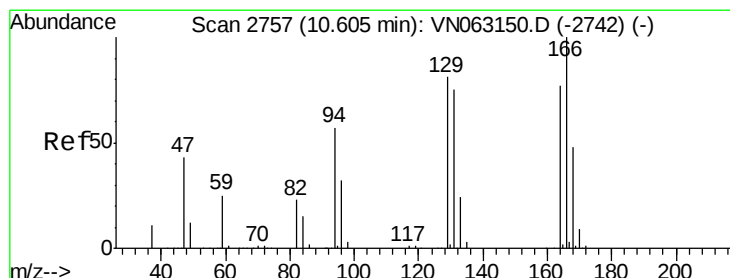
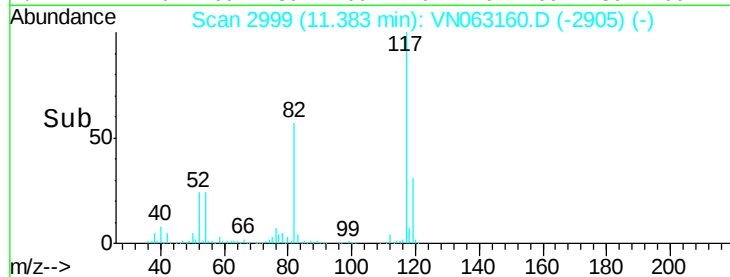
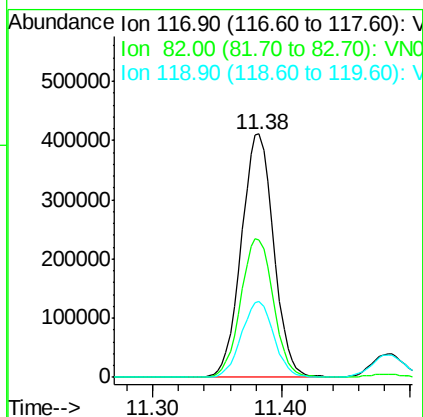
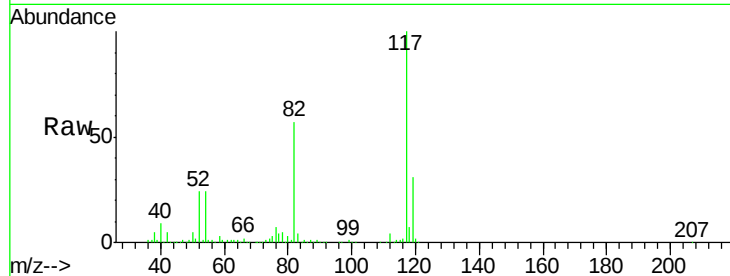




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2999
Delta R.T. 0.00 min
Lab File: VN063160.D
Acq: 1 Sep 2020 17:17

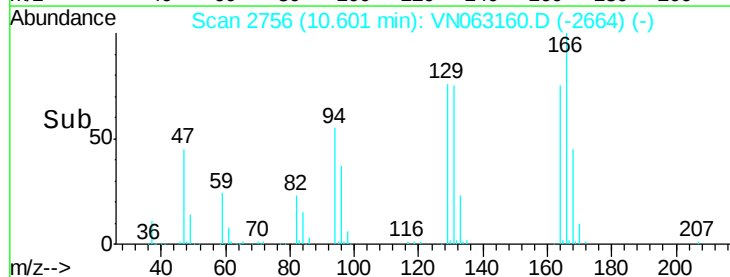
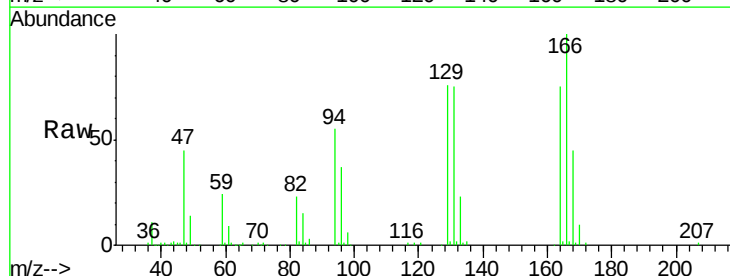
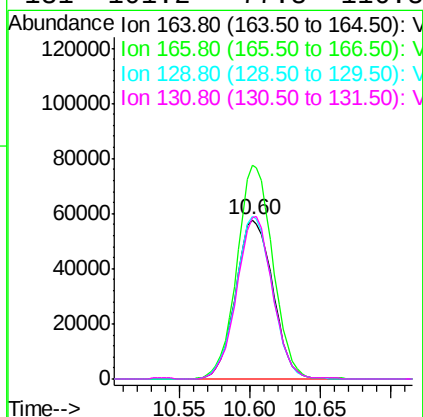
Instrument :
MSVOA_N
ClientSampleId :
VN0901WBSD01

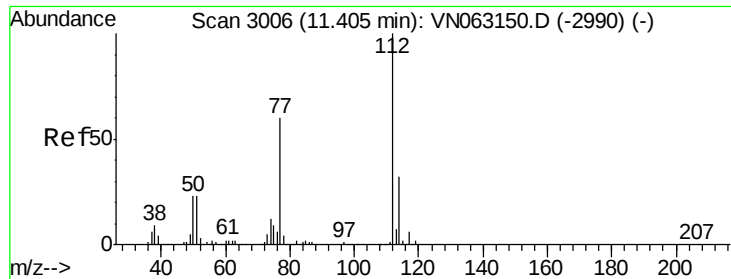
Tot Ion:117 Resp: 718265
Ion Ratio Lower Upper
117 100
82 56.6 45.4 68.0
119 31.2 24.6 37.0



#64
Tetrachloroethene
Concen: 20.662 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063160.D
Acq: 1 Sep 2020 17:17

Tgt Ion:164 Resp: 106574
Ion Ratio Lower Upper
164 100
166 134.2 103.4 155.2
129 102.3 83.4 125.0
131 101.2 77.8 116.8





#65

Chlorobenzene

Concen: 19.131 ug/l

RT: 11.41 min Scan# 3007

Delta R.T. 0.00 min

Lab File: VN063160.D

Acq: 1 Sep 2020 17:17

Instrument :

MSVOA_N

ClientSampleId :

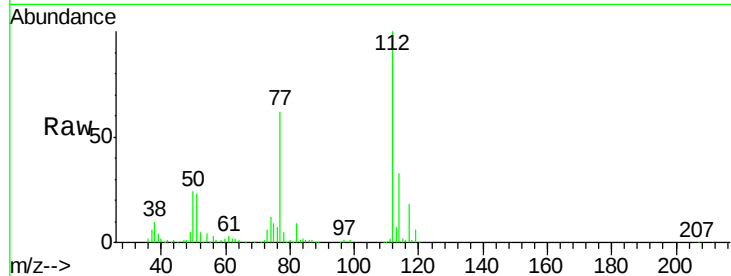
VN0901WBSD01

Tot Ion:112 Resp: 276757

Ion Ratio Lower Upper

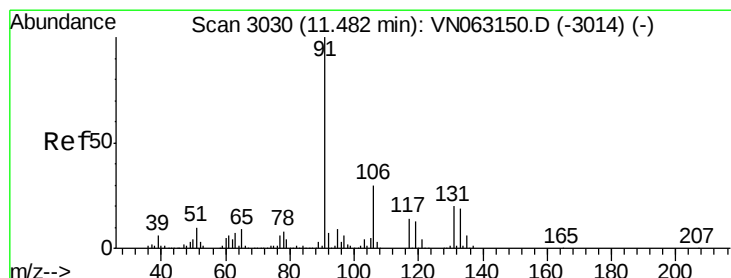
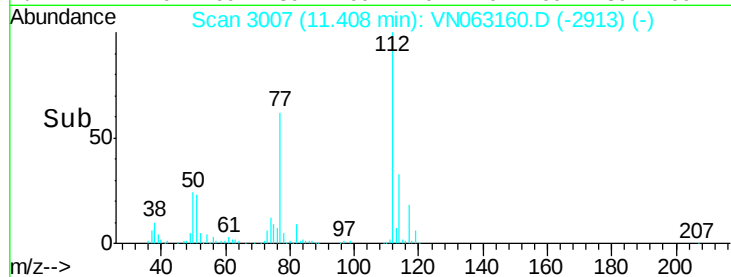
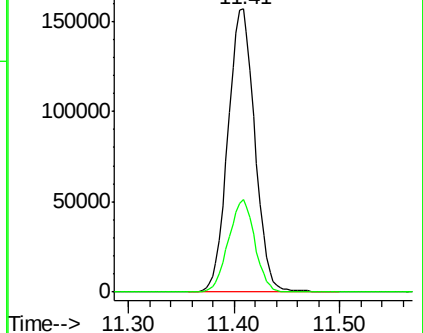
112 100

114 32.6 25.2 37.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.219 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. -0.00 min

Lab File: VN063160.D

Acq: 1 Sep 2020 17:17

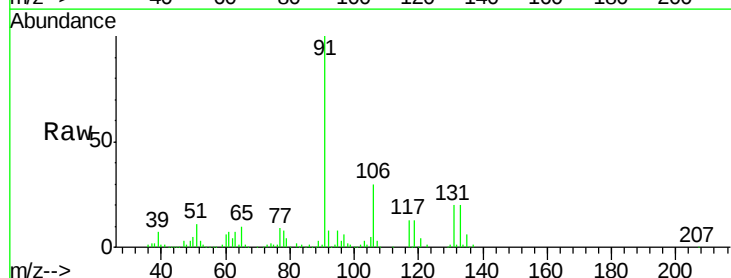
Tgt Ion:131 Resp: 103230

Ion Ratio Lower Upper

131 100

133 95.9 47.3 142.0

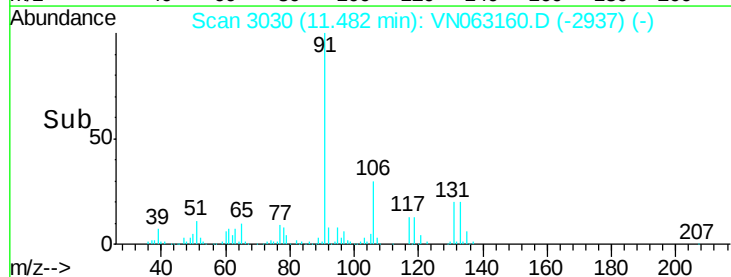
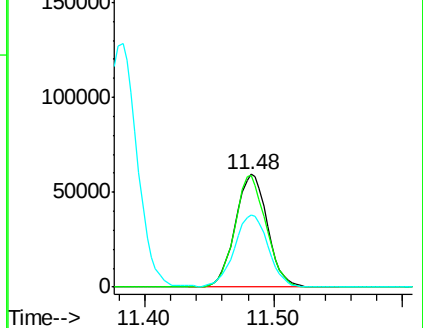
119 67.2 32.4 97.0

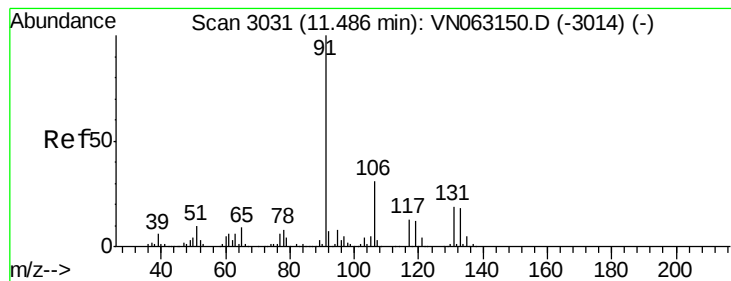


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.642 ug/l

RT: 11.49 min Scan# 3031

Delta R.T. -0.00 min

Lab File: VN063160.D

Acq: 1 Sep 2020 17:17

Instrument :

MSVOA_N

ClientSampled :

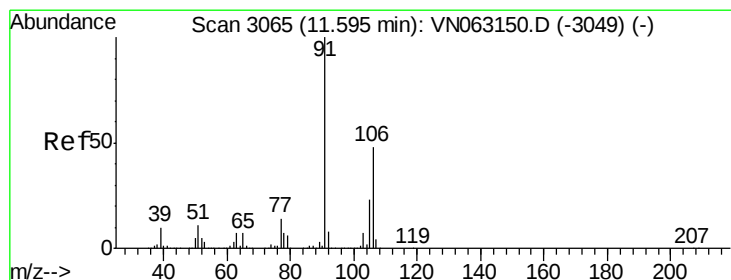
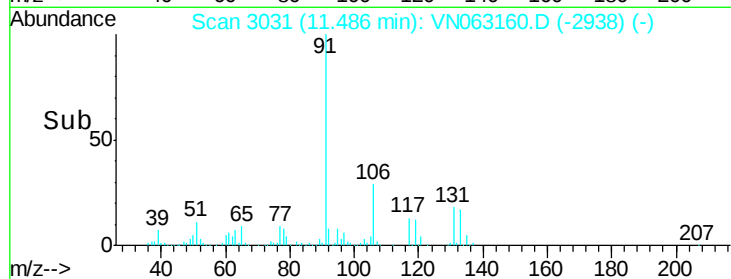
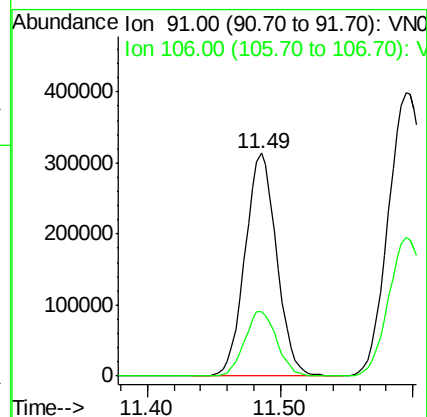
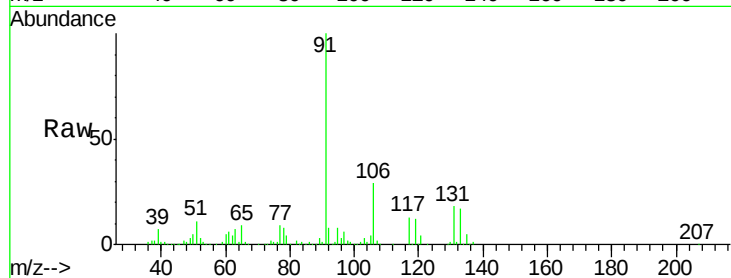
VN0901WBSD01

Tot Ion: 91 Resp: 518372

Ion Ratio Lower Upper

91 100

106 29.0 24.4 36.6



#68

m/p-Xylenes

Concen: 39.115 ug/l

RT: 11.59 min Scan# 3065

Delta R.T. -0.00 min

Lab File: VN063160.D

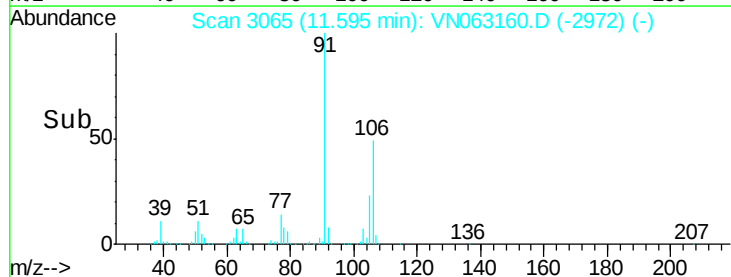
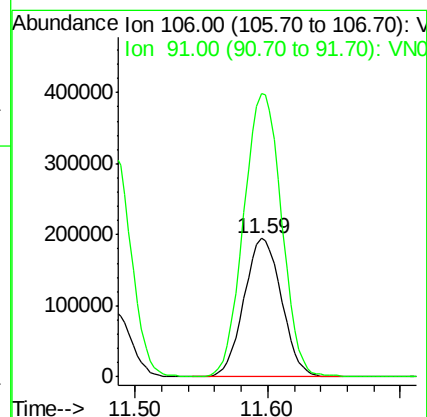
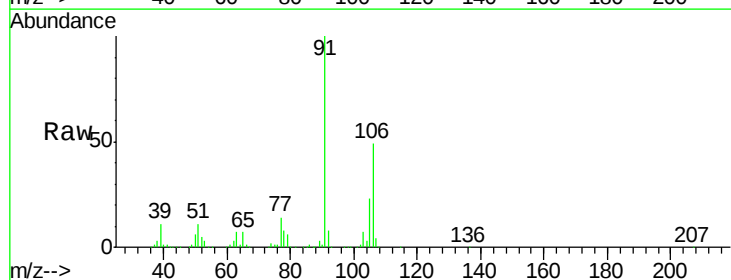
Acq: 1 Sep 2020 17:17

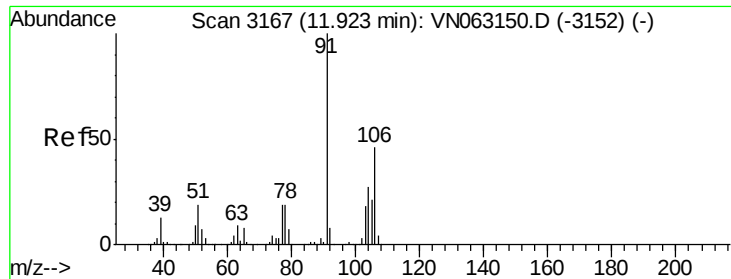
Tgt Ion: 106 Resp: 382333

Ion Ratio Lower Upper

106 100

91 207.0 166.7 250.1

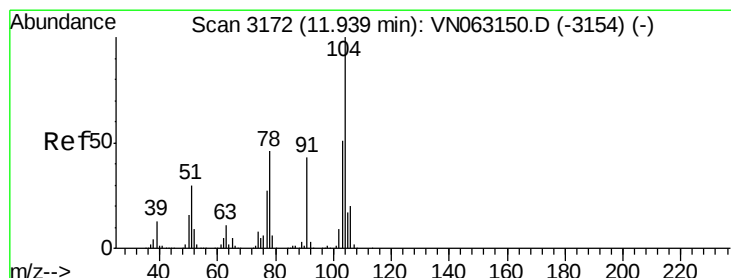
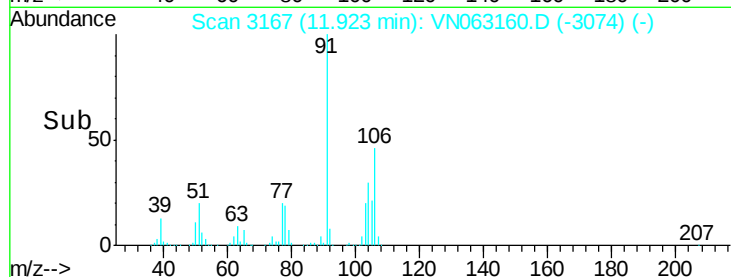
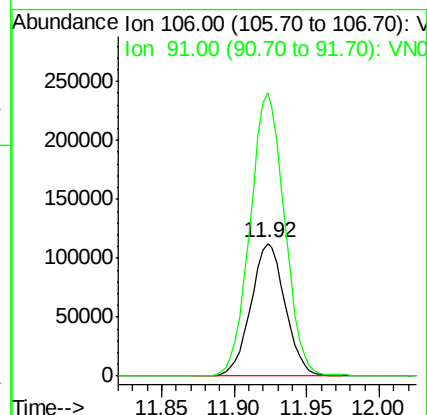
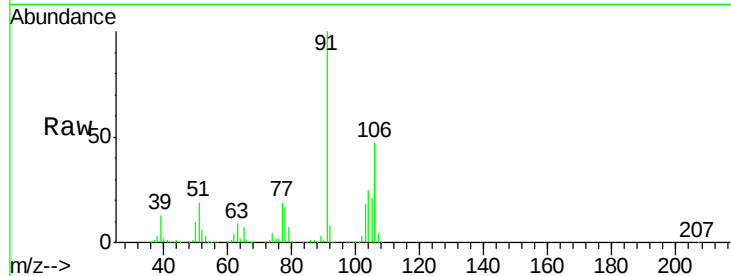




#69
o-Xylene
Concen: 19.651 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN063160.D
Acq: 1 Sep 2020 17:17

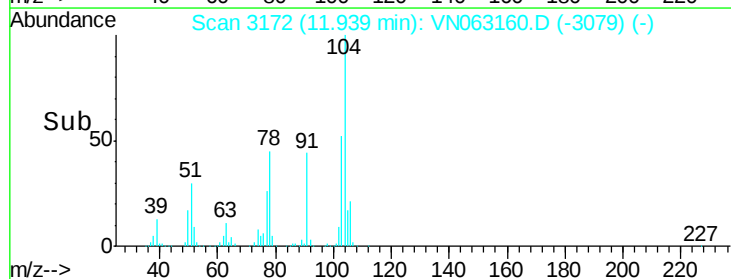
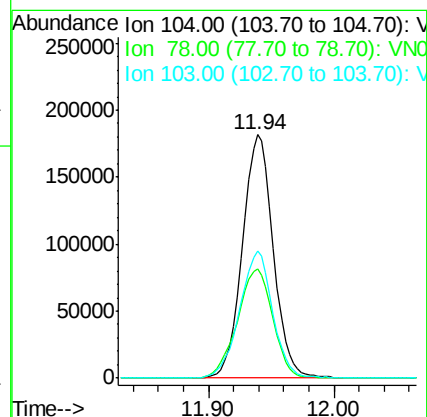
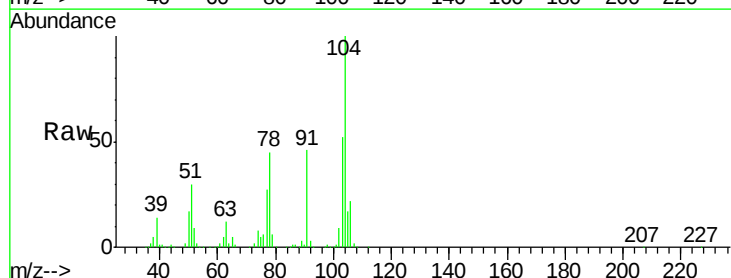
Instrument :
MSVOA_N
ClientSampled :
VN0901WBSD01

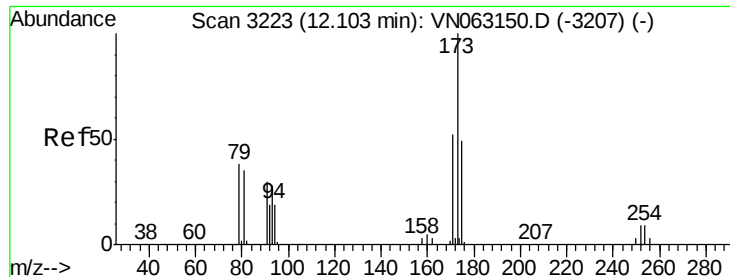
Tot Ion:106 Resp: 185559
Ion Ratio Lower Upper
106 100
91 213.8 108.6 325.6



#70
Styrene
Concen: 19.148 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063160.D
Acq: 1 Sep 2020 17:17

Tgt Ion:104 Resp: 310731
Ion Ratio Lower Upper
104 100
78 51.5 41.0 61.6
103 56.0 43.8 65.8





#71

Bromoform

Concen: 19.029 ug/l

RT: 12.10 min Scan# 3223

Delta R.T. -0.00 min

Lab File: VN063160.D

Acq: 1 Sep 2020 17:17

Instrument :

MSVOA_N

ClientSampleId :

VN0901WBSD01

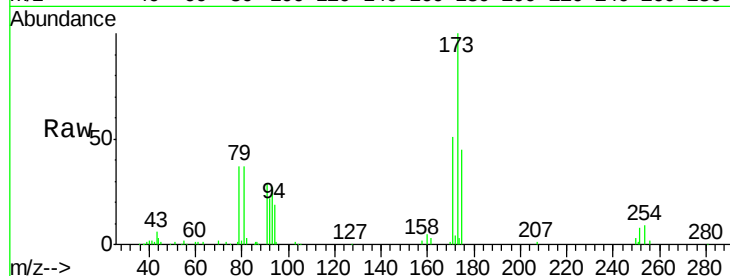
Tot Ion:173 Resp: 69362

Ion Ratio Lower Upper

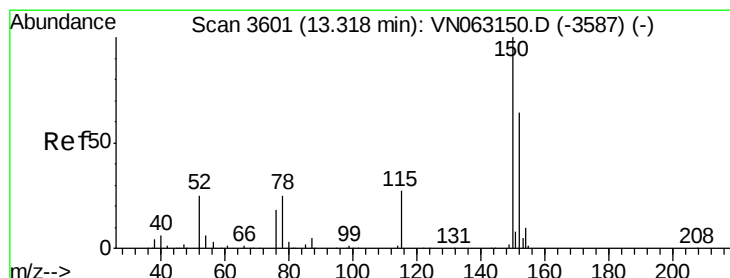
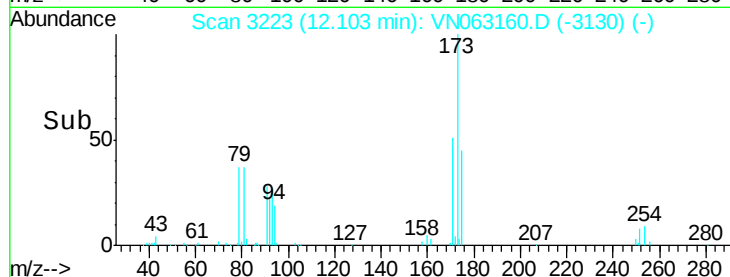
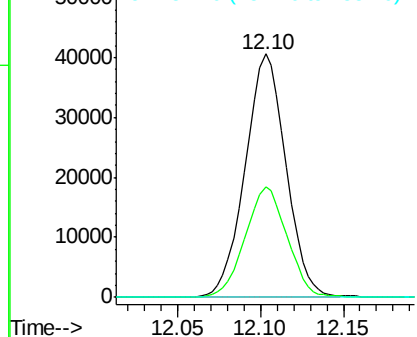
173 100

175 46.6 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# 3602

Delta R.T. 0.00 min

Lab File: VN063160.D

Acq: 1 Sep 2020 17:17

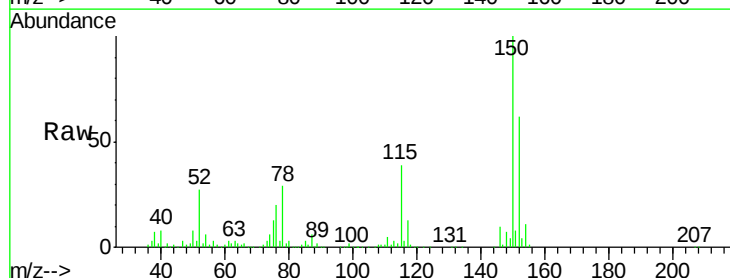
Tgt Ion:152 Resp: 321341

Ion Ratio Lower Upper

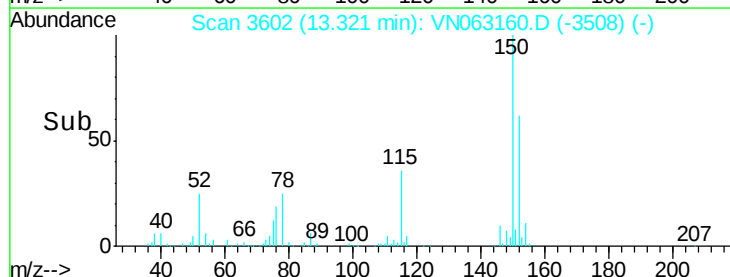
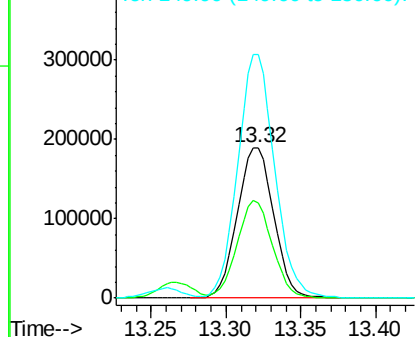
152 100

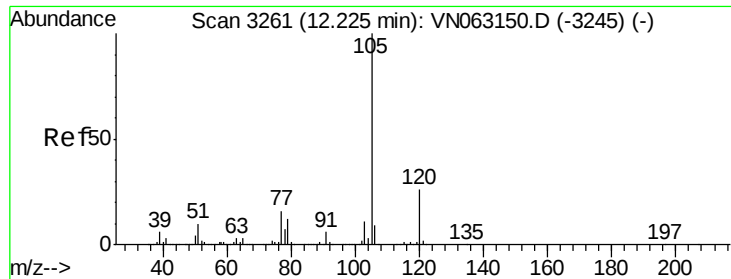
115 63.0 32.0 96.2

150 164.0 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: 19.896 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. -0.00 min

Lab File: VN063160.D

Acq: 1 Sep 2020 17:17

Instrument :

MSVOA_N

ClientSampleId :

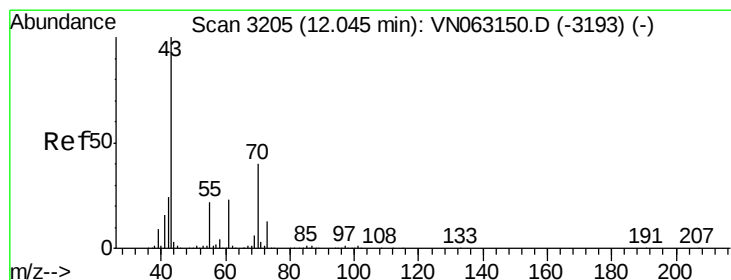
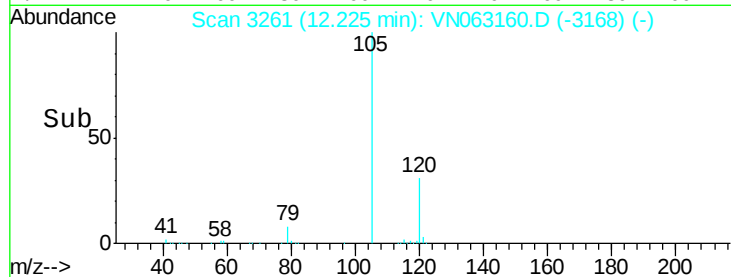
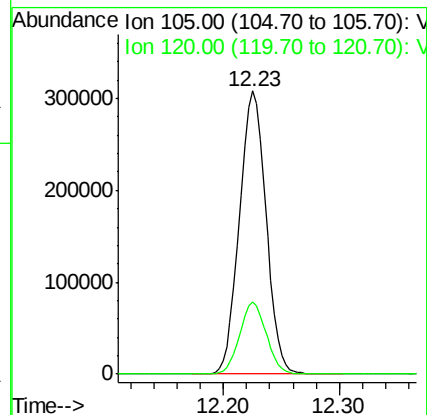
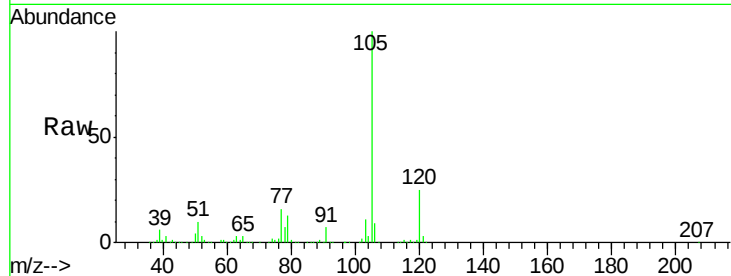
VN0901WBSD01

Tot Ion:105 Resp: 490357

Ion Ratio Lower Upper

105 100

120 25.3 12.9 38.6



#74

N-ethyl acetate

Concen: 19.689 ug/l

RT: 12.05 min Scan# 3206

Delta R.T. 0.00 min

Lab File: VN063160.D

Acq: 1 Sep 2020 17:17

Tgt Ion: 43 Resp: 201001

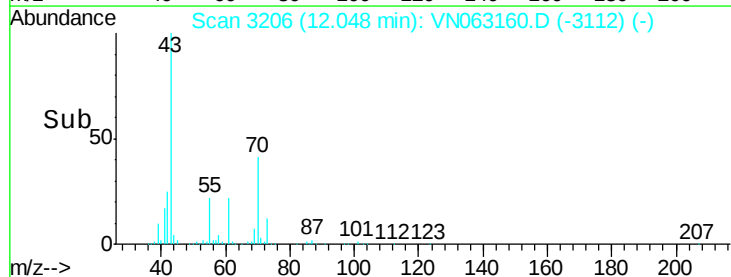
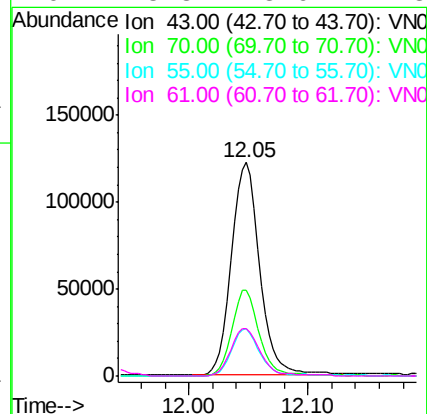
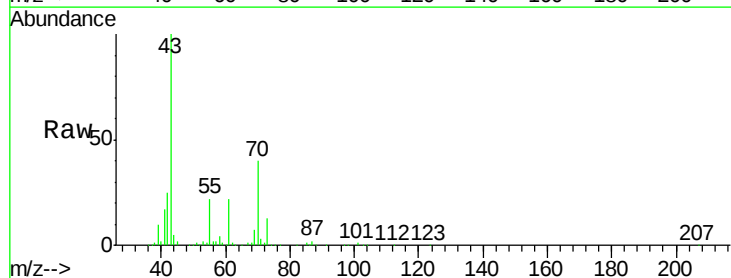
Ion Ratio Lower Upper

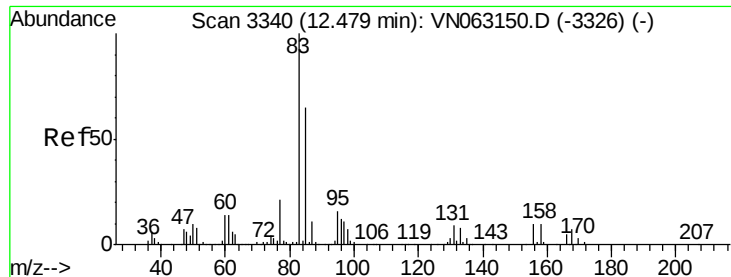
43 100

70 39.5 32.1 48.1

55 21.6 17.4 26.0

61 23.3 18.6 27.8





#75

1,1,2,2-Tetrachloroethane

Concen: 20.258 ug/l

RT: 12.48 min Scan# 3341

Delta R.T. 0.00 min

Lab File: VN063160.D

Acq: 1 Sep 2020 17:17

Instrument :

MSVOA_N

ClientSampleId :

VN0901WBSD01

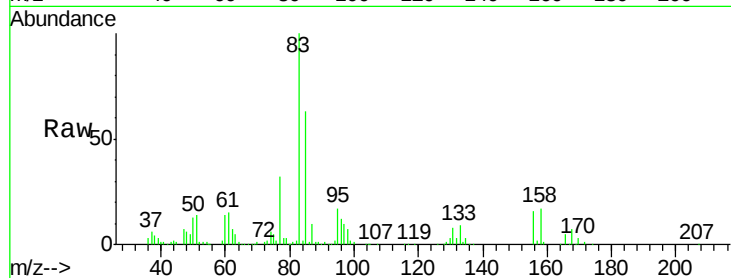
Tot Ion: 83 Resp: 143947

Ion Ratio Lower Upper

83 100

131 9.1 4.7 14.0

85 63.5 32.7 98.1

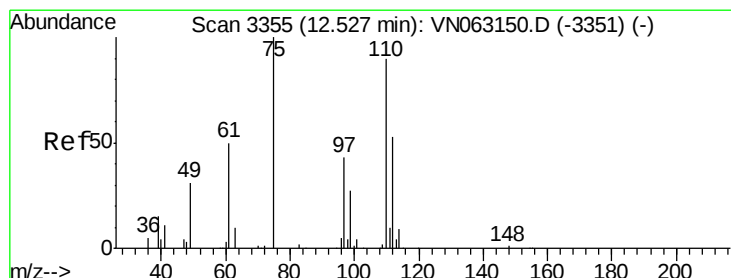
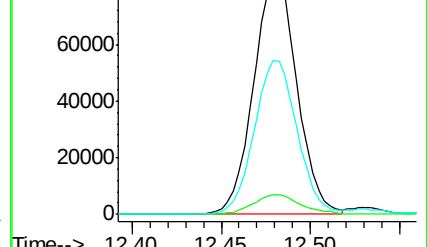
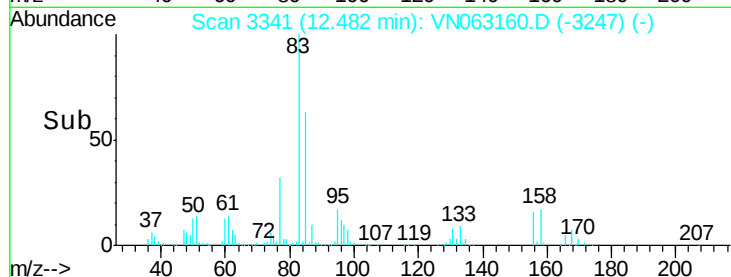


Abundance Ion 82.90 (82.60 to 83.60): VN063160.D (-3247) (-)

Ion 130.80 (130.50 to 131.50): VN063160.D (-3247) (-)

Ion 84.90 (84.60 to 85.60): VN063160.D (-3247) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 21.784 ug/l m

RT: 12.53 min Scan# 3356

Delta R.T. 0.00 min

Lab File: VN063160.D

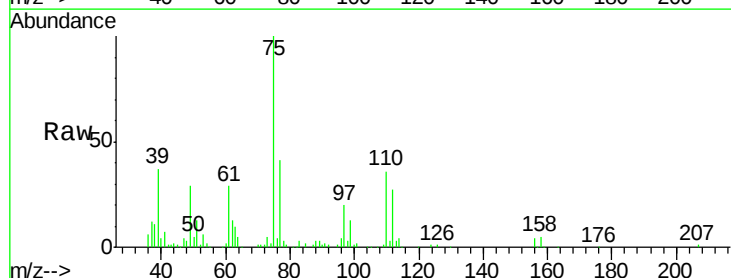
Acq: 1 Sep 2020 17:17

Tgt Ion: 75 Resp: 137538

Ion Ratio Lower Upper

75 100

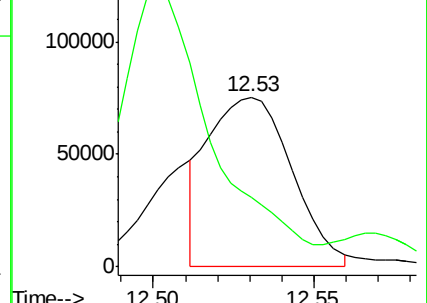
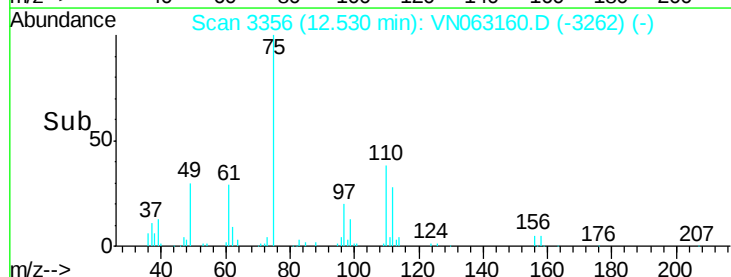
77 0.0 0.0 0.0

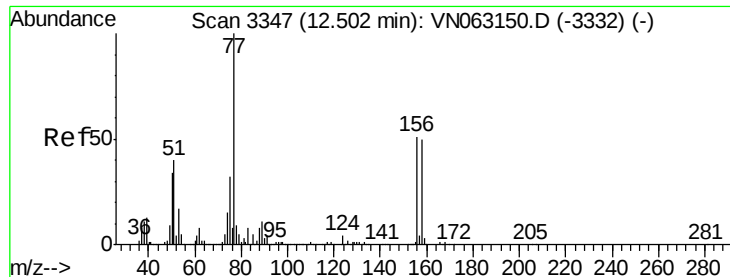


Abundance Ion 74.90 (74.60 to 75.60): VN063160.D (-3262) (-)

Ion 77.00 (76.70 to 77.70): VN063160.D (-3262) (-)

Time-->





#77

Bromobenzene

Concen: 20.015 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. -0.00 min

Lab File: VN063160.D

Acq: 1 Sep 2020 17:17

Instrument :

MSVOA_N

ClientSampleId :

VN0901WBSD01

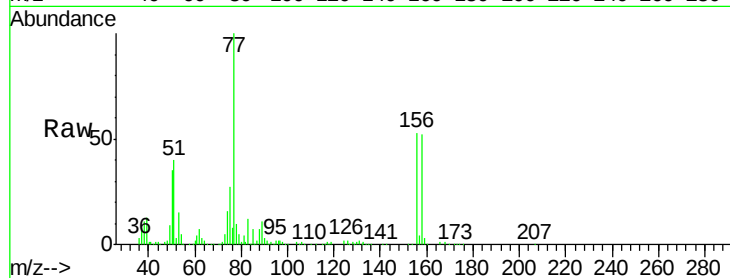
Tot Ion:156 Resp: 111565

Ion Ratio Lower Upper

156 100

77 225.8 116.1 348.3

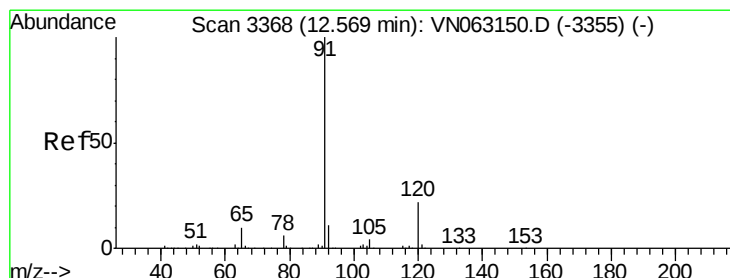
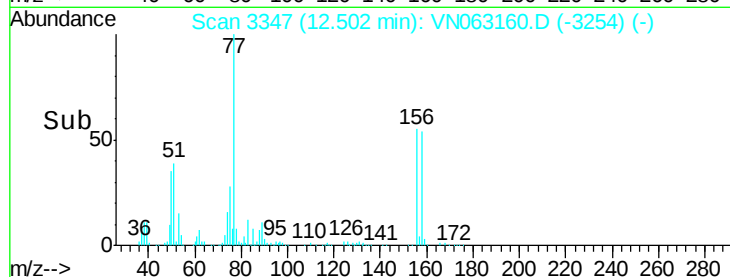
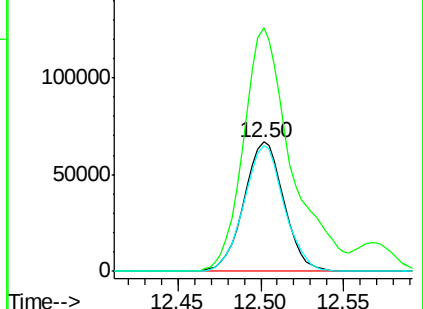
158 98.2 48.8 146.4



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: 20.114 ug/l

RT: 12.57 min Scan# 3368

Delta R.T. -0.00 min

Lab File: VN063160.D

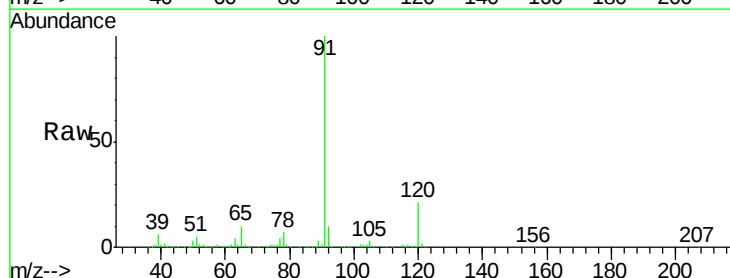
Acq: 1 Sep 2020 17:17

Tgt Ion: 91 Resp: 573650

Ion Ratio Lower Upper

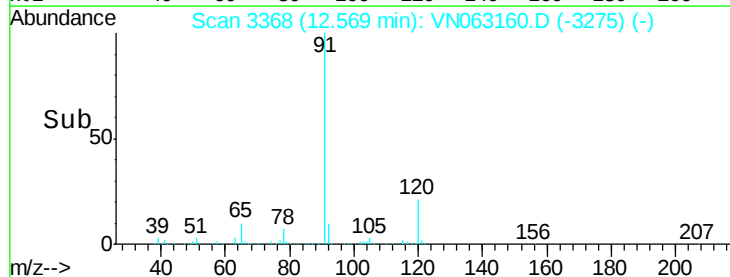
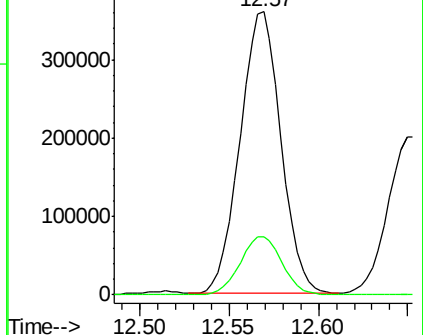
91 100

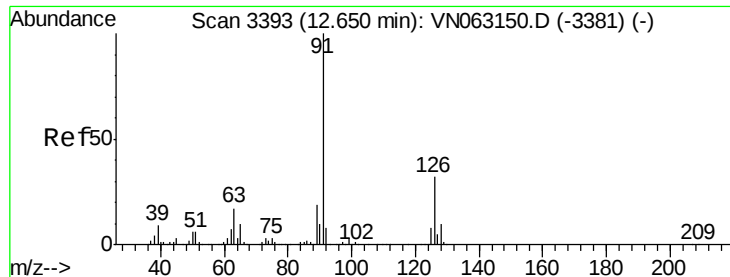
120 21.4 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.425 ug/l

RT: 12.65 min Scan# 3394

Delta R.T. 0.00 min

Lab File: VN063160.D

Acq: 1 Sep 2020 17:17

Instrument :

MSVOA_N

ClientSampleId :

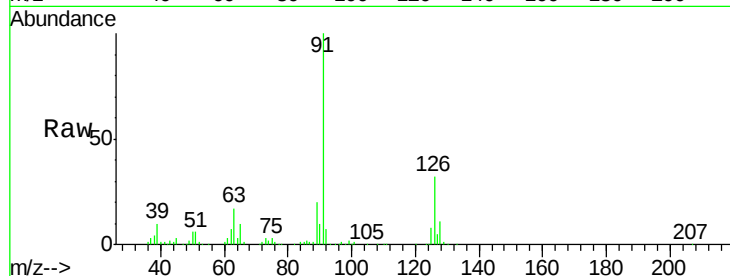
VN0901WBSD01

Tot Ion: 91 Resp: 331808

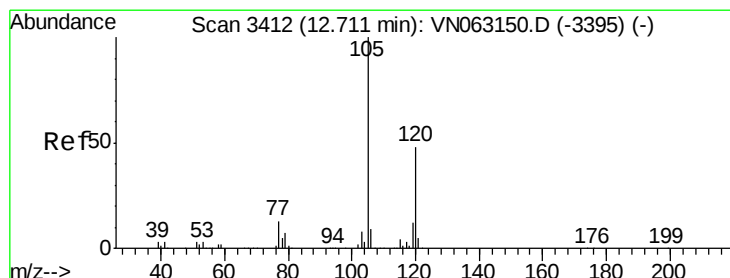
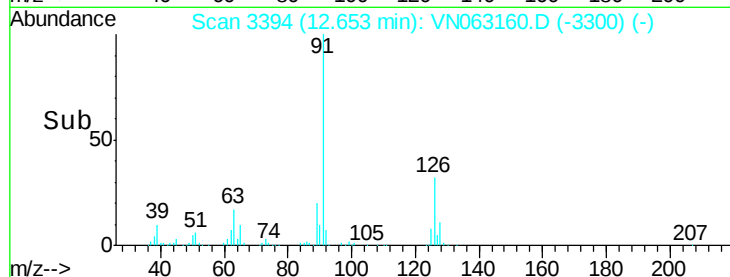
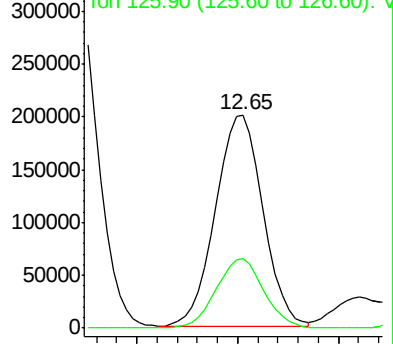
Ion Ratio Lower Upper

91 100

126 32.9 16.1 48.3



Abundance Ion 91.00 (90.70 to 91.70): VN063160.D (-3394) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.991 ug/l

RT: 12.71 min Scan# 3412

Delta R.T. -0.00 min

Lab File: VN063160.D

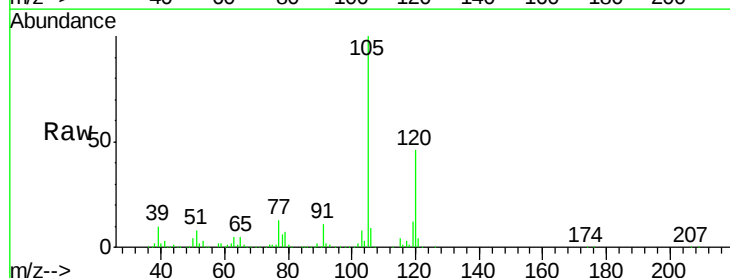
Acq: 1 Sep 2020 17:17

Tgt Ion:105 Resp: 410111

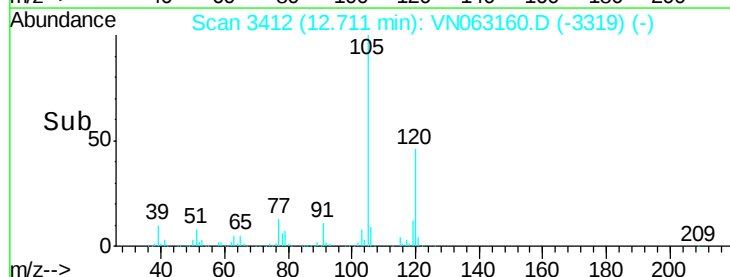
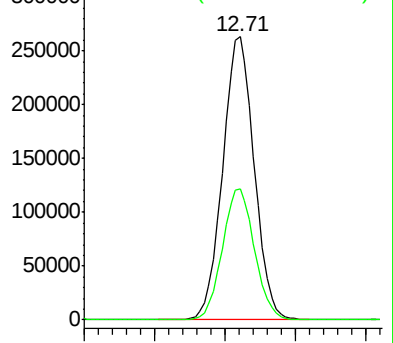
Ion Ratio Lower Upper

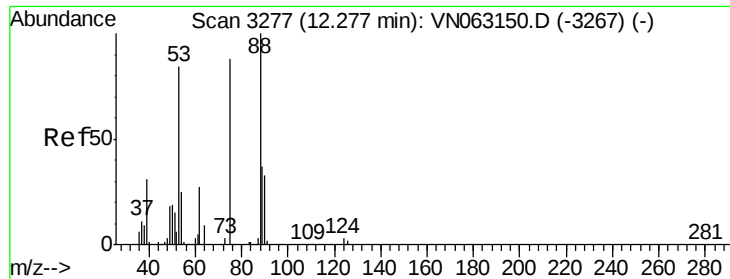
105 100

120 47.3 24.2 72.6



Abundance Ion 105.00 (104.70 to 105.70): VN063160.D (-3412) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 17.417 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. -0.00 min

Lab File: VN063160.D

Acq: 1 Sep 2020 17:17

Instrument :

MSVOA_N

ClientSampleId :

VN0901WBSD01

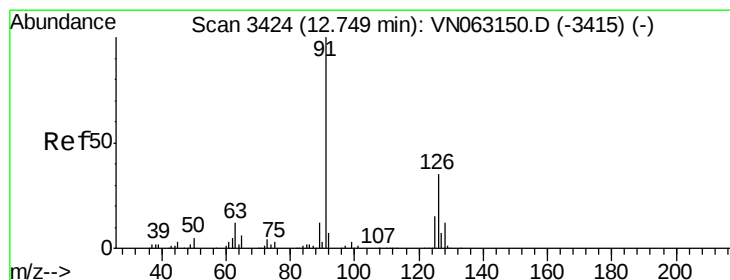
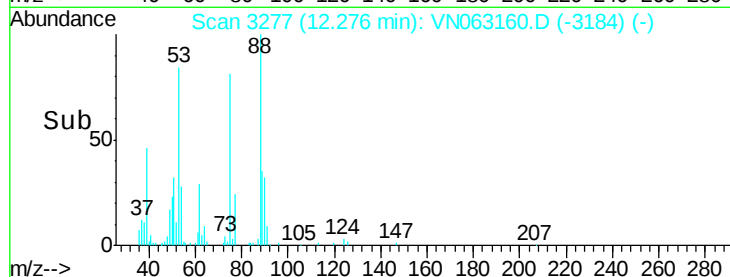
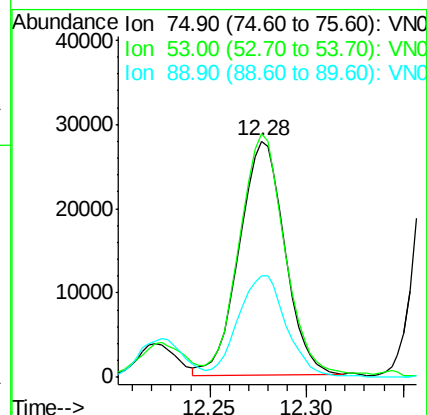
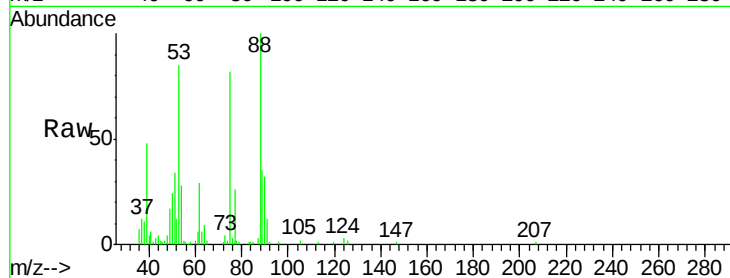
Tot Ion: 75 Resp: 45496

Ion Ratio Lower Upper

75 100

53 103.0 78.7 118.1

89 46.3 35.3 52.9



#82

4-Chlorotoluene

Concen: 19.750 ug/l

RT: 12.75 min Scan# 3424

Delta R.T. -0.00 min

Lab File: VN063160.D

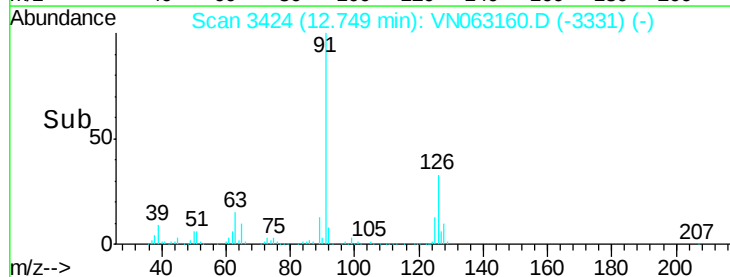
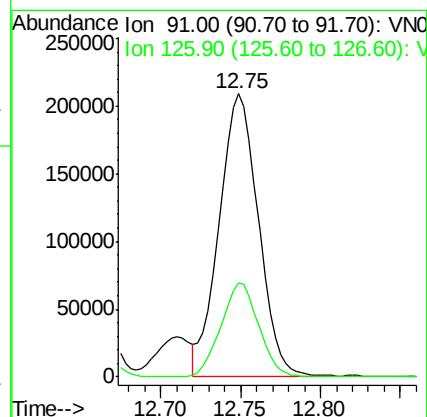
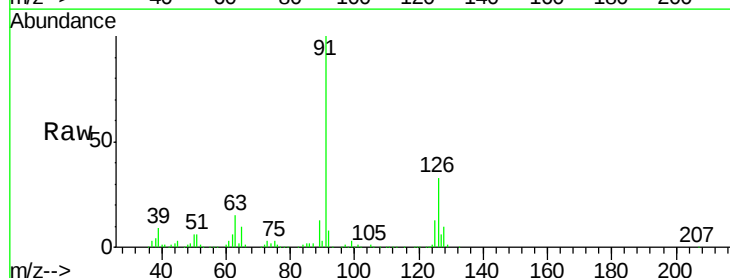
Acq: 1 Sep 2020 17:17

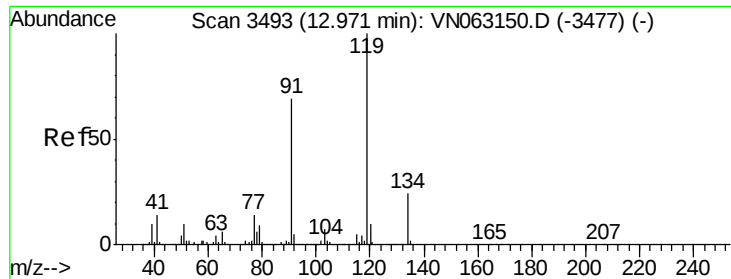
Tgt Ion: 91 Resp: 349889

Ion Ratio Lower Upper

91 100

126 31.9 16.2 48.5

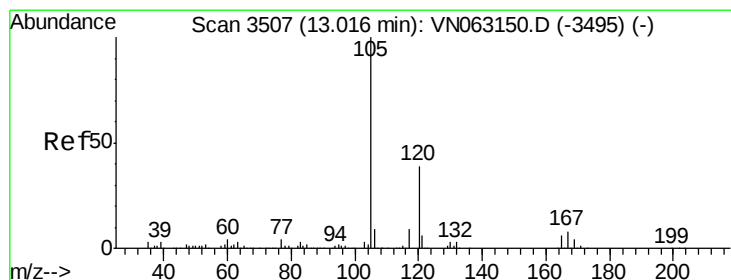
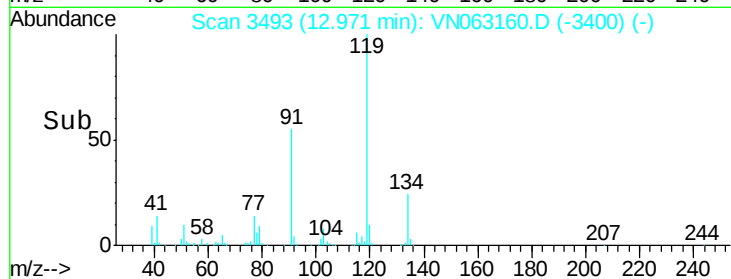
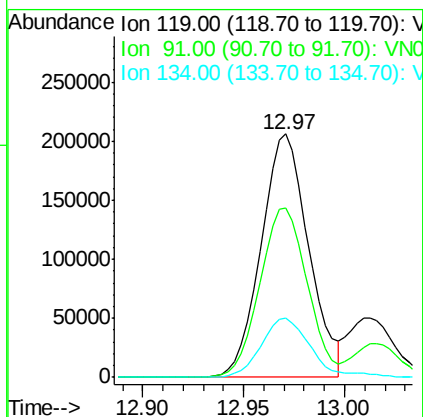
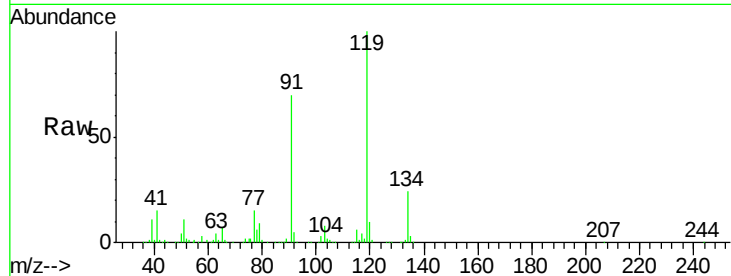




#83
 tert-Butylbenzene
 Concen: 19.226 ug/l
 RT: 12.97 min Scan# 3493
 Delta R.T. -0.00 min
 Lab File: VN063160.D
 Acq: 1 Sep 2020 17:17

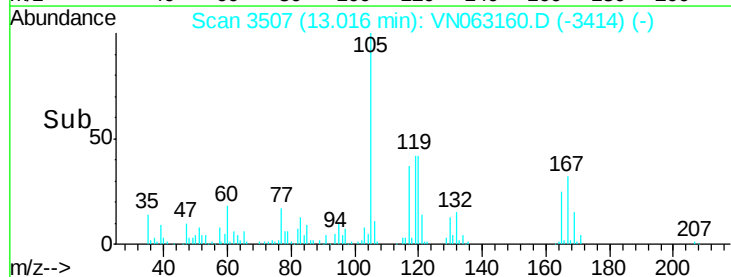
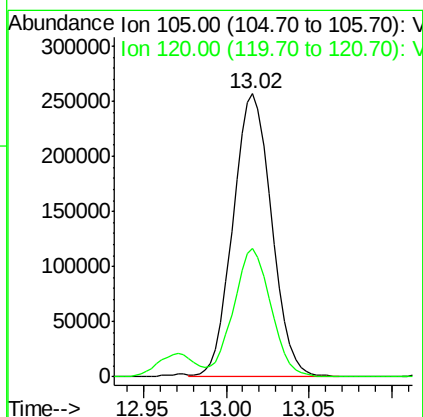
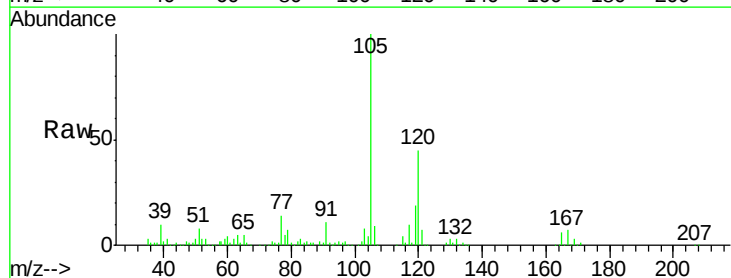
Instrument :
 MSVOA_N
 ClientSampleID :
 VN0901WBSD01

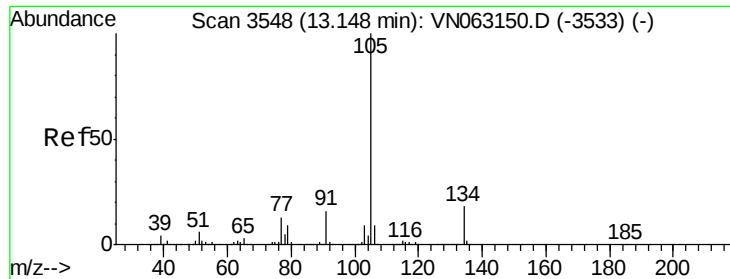
Tot Ion:119 Resp: 338267
 Ion Ratio Lower Upper
 119 100
 91 68.9 33.7 101.0
 134 25.4 12.0 36.0



#84
 1,2,4-Trimethylbenzene
 Concen: 19.954 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. -0.00 min
 Lab File: VN063160.D
 Acq: 1 Sep 2020 17:17

Tgt Ion:105 Resp: 412608
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.6 67.7





#85

sec-Butylbenzene

Concen: 20.454 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. -0.00 min

Lab File: VN063160.D

Acq: 1 Sep 2020 17:17

Instrument :

MSVOA_N

ClientSampleId :

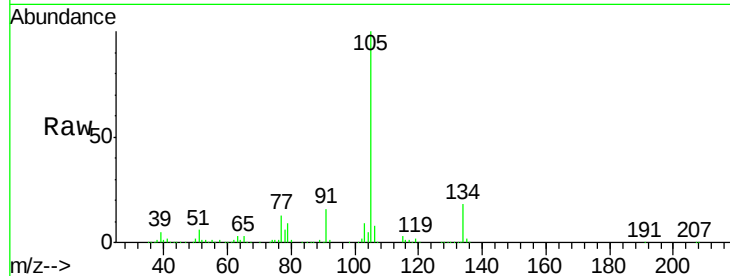
VN0901WBSD01

Tot Ion:105 Resp: 469013

Ion Ratio Lower Upper

105 100

134 18.4 9.4 28.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.15

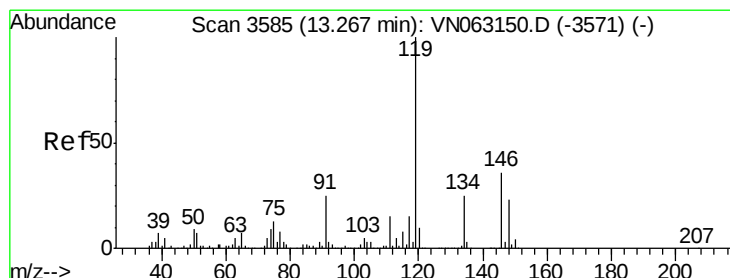
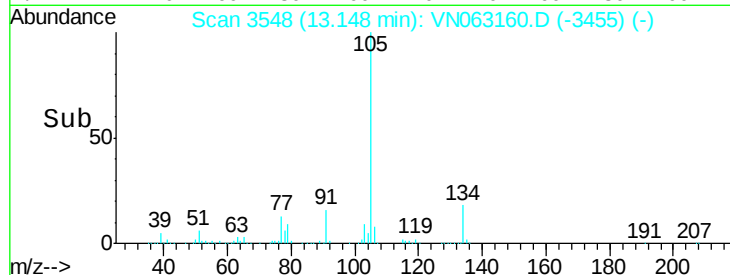
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 20.392 ug/l

RT: 13.27 min Scan# 3585

Delta R.T. -0.00 min

Lab File: VN063160.D

Acq: 1 Sep 2020 17:17

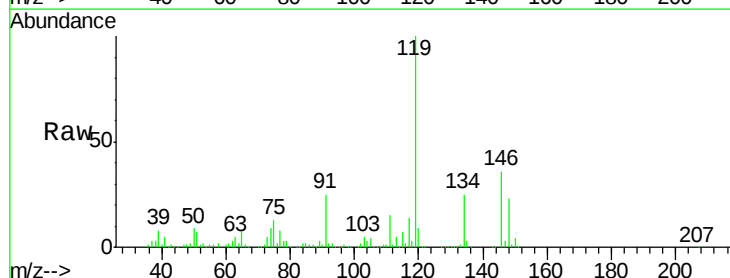
Tgt Ion:119 Resp: 415126

Ion Ratio Lower Upper

119 100

134 24.6 12.4 37.4

91 25.2 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

13.27

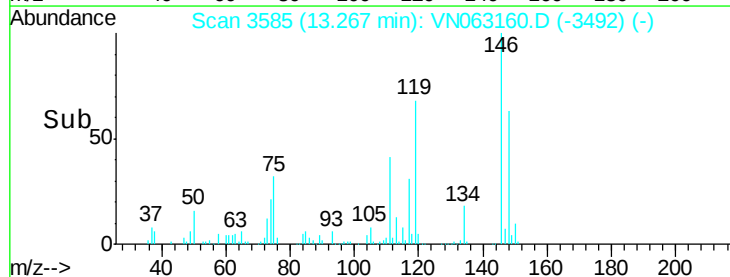
300000

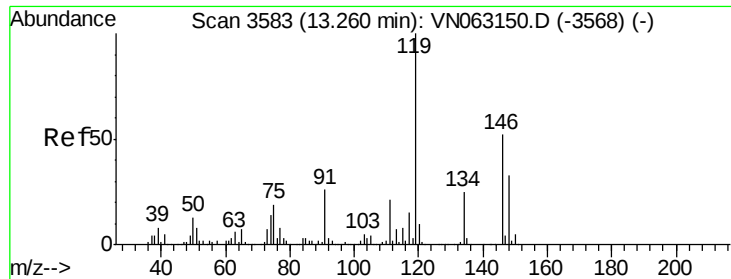
200000

100000

0

Time-->

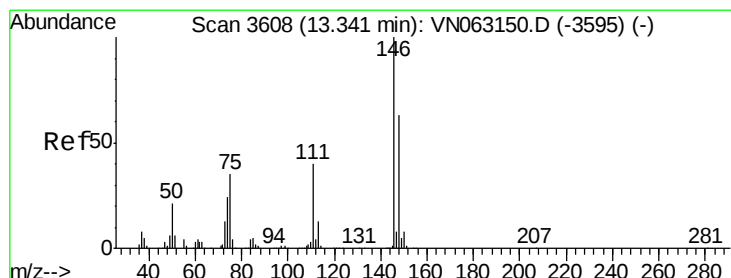
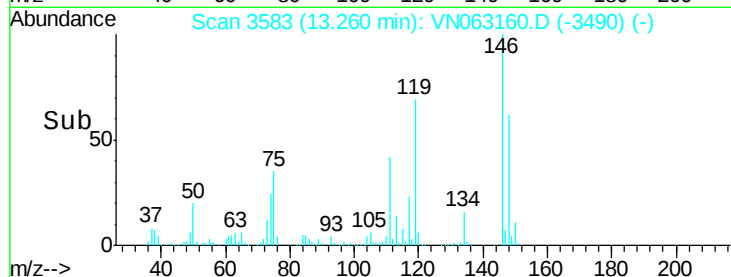
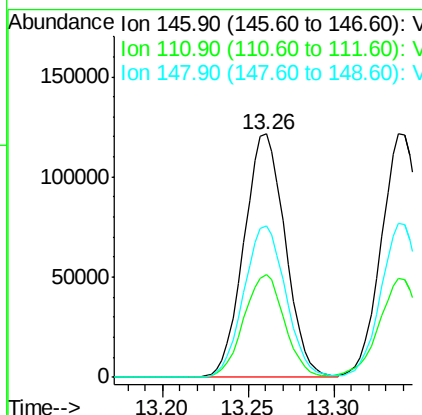
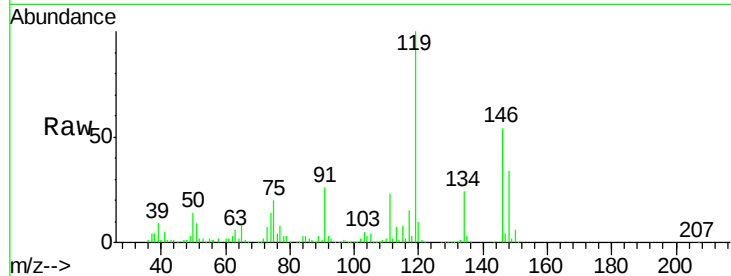




#87
 1,3-Dichlorobenzene
 Concen: 19.785 ug/l
 RT: 13.26 min Scan# 3583
 Delta R.T. -0.00 min
 Lab File: VN063160.D
 Acq: 1 Sep 2020 17:17

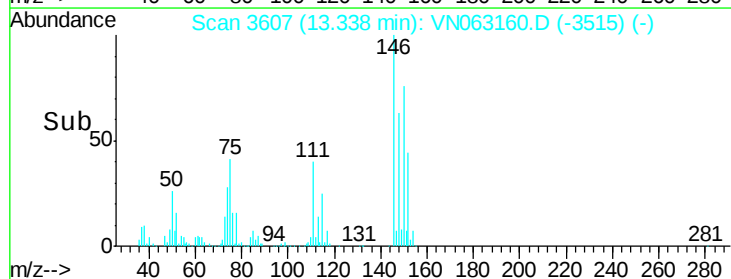
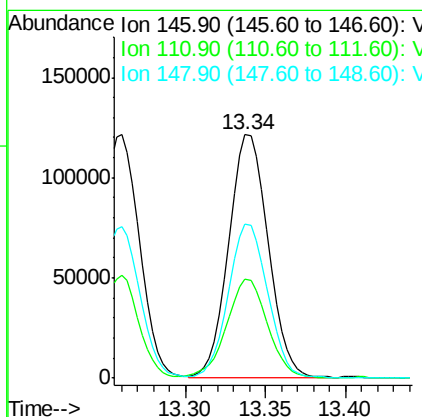
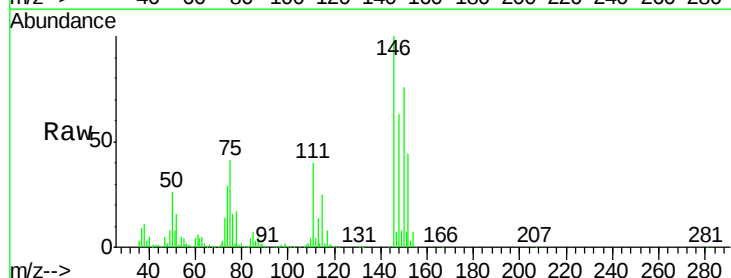
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0901WBSD01

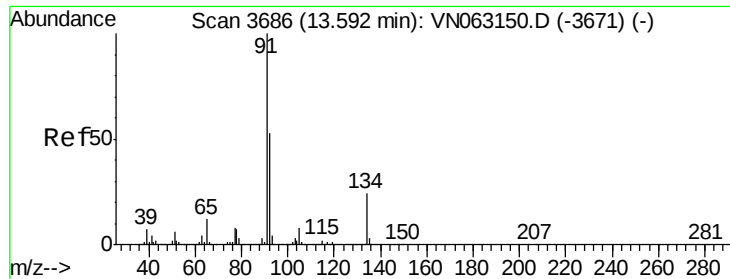
Tot Ion:146 Resp: 202593
 Ion Ratio Lower Upper
 146 100
 111 41.5 21.3 63.7
 148 63.2 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 19.154 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VN063160.D
 Acq: 1 Sep 2020 17:17

Tgt Ion:146 Resp: 203083
 Ion Ratio Lower Upper
 146 100
 111 42.2 20.5 61.5
 148 62.7 31.9 95.7





#89

n-Butylbenzene

Concen: 20.000 ug/l

RT: 13.59 min Scan# 3686

Delta R.T. -0.00 min

Lab File: VN063160.D

Acq: 1 Sep 2020 17:17

Instrument :

MSVOA_N

ClientSampleId :

VN0901WBSD01

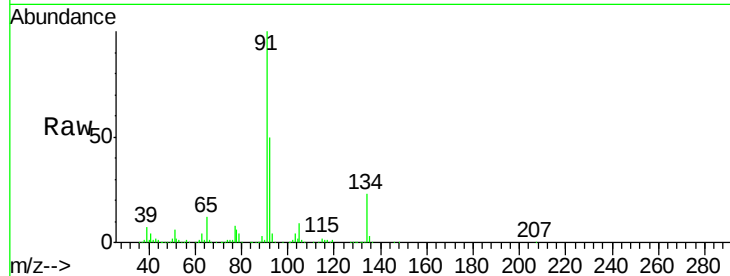
Tot Ion: 91 Resp: 376138

Ion Ratio Lower Upper

91 100

92 50.5 26.3 78.8

134 23.5 12.0 36.0

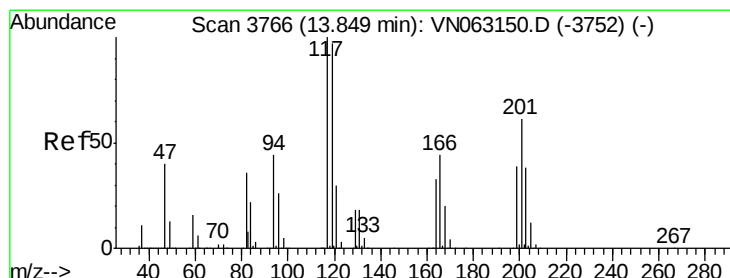
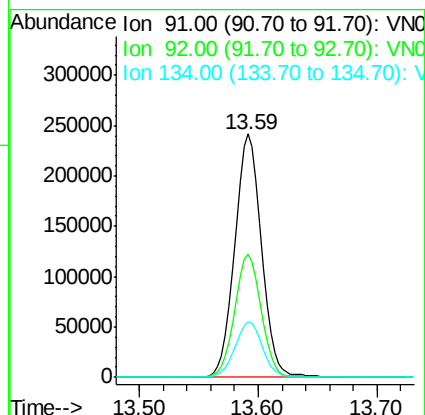
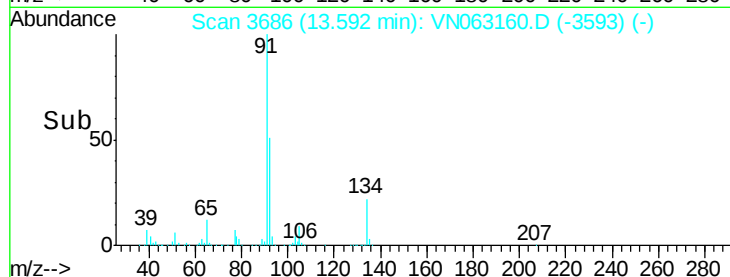


Abundance Ion 91.00 (90.70 to 91.70): VN063150.D (-3671) (-)

Ion 92.00 (91.70 to 92.70): VN063150.D (-3671) (-)

Ion 134.00 (133.70 to 134.70): VN063150.D (-3671) (-)

Time-->



#90

Hexachloroethane

Concen: 17.558 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. -0.00 min

Lab File: VN063160.D

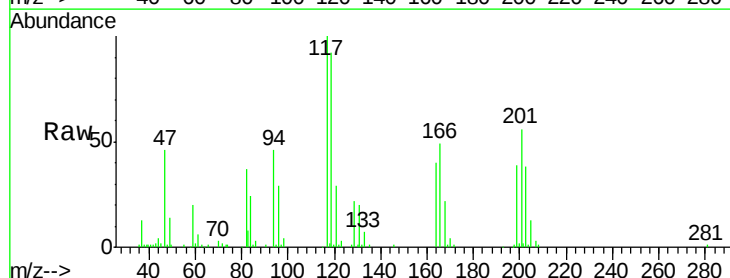
Acq: 1 Sep 2020 17:17

Tgt Ion: 117 Resp: 66169

Ion Ratio Lower Upper

117 100

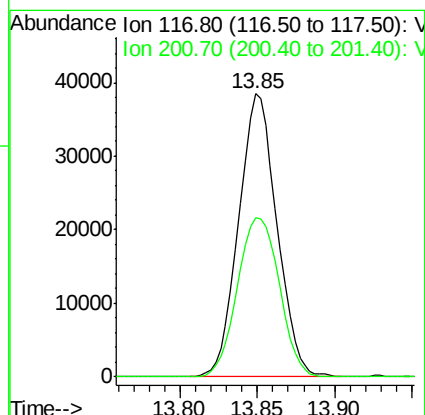
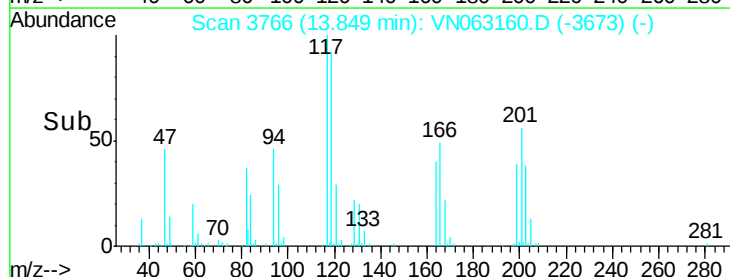
201 61.4 30.6 92.0

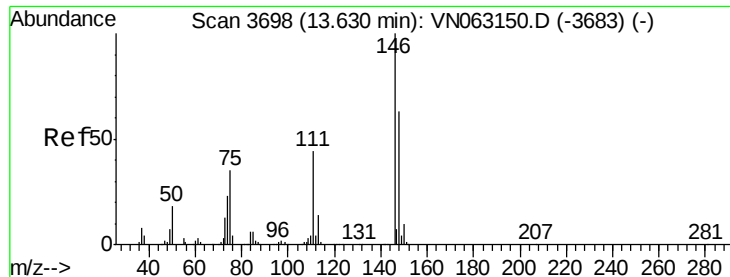


Abundance Ion 116.80 (116.50 to 117.50): VN063150.D (-3752) (-)

Ion 200.70 (200.40 to 201.40): VN063150.D (-3752) (-)

Time-->

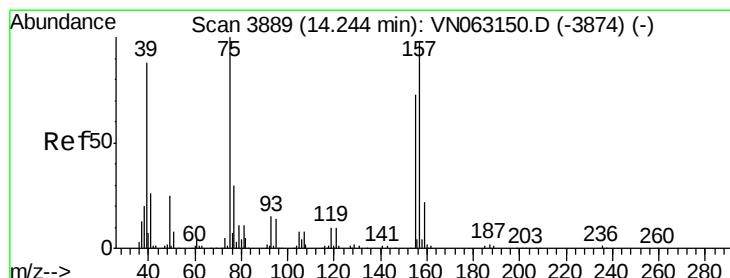
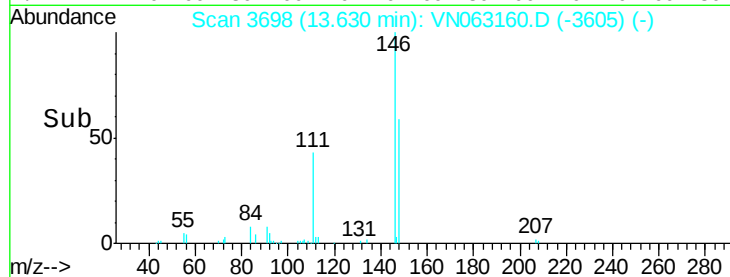
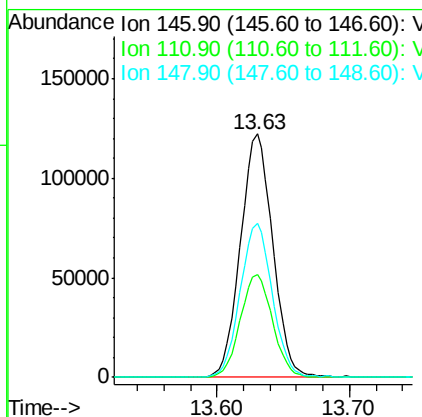
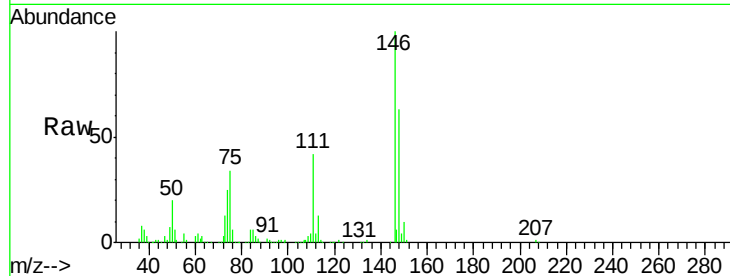




#91
 1,2-Dichlorobenzene
 Concen: 20.899 ug/l
 RT: 13.63 min Scan# 3698
 Delta R.T. -0.00 min
 Lab File: VN063160.D
 Acq: 1 Sep 2020 17:17

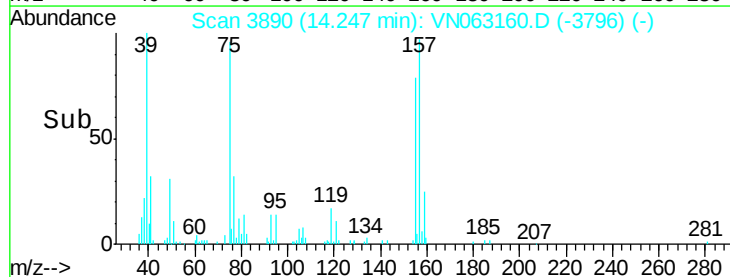
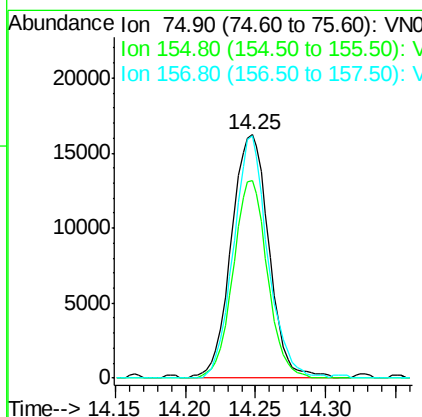
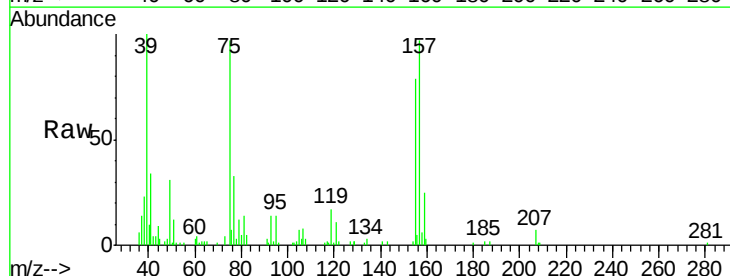
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0901WBSD01

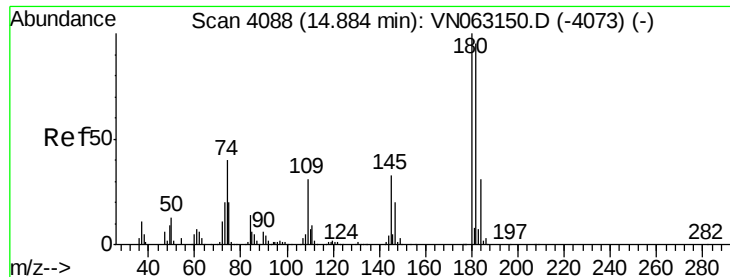
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.0	22.0	66.0
148	62.7	31.6	95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.420 ug/l
 RT: 14.25 min Scan# 3890
 Delta R.T. 0.00 min
 Lab File: VN063160.D
 Acq: 1 Sep 2020 17:17

Tgt Ion	Ratio	Lower	Upper
75	100		
155	73.8	36.1	108.5
157	90.6	48.4	145.0

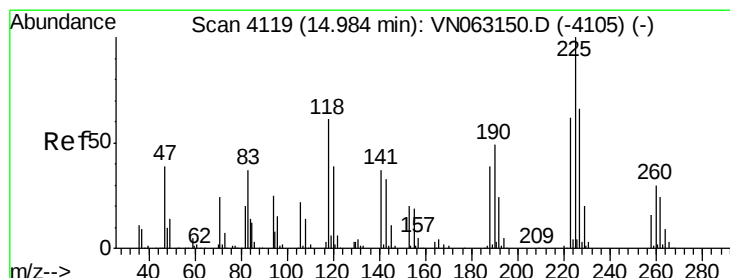
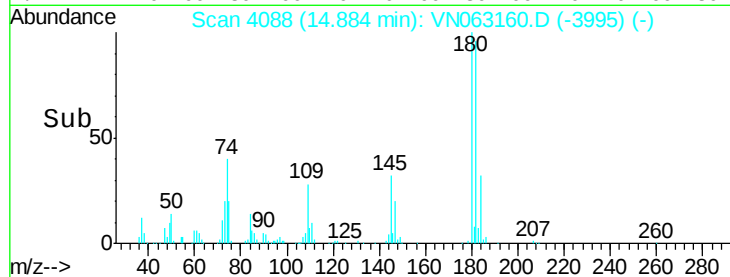
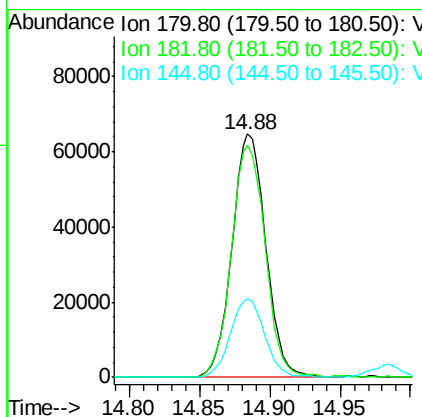
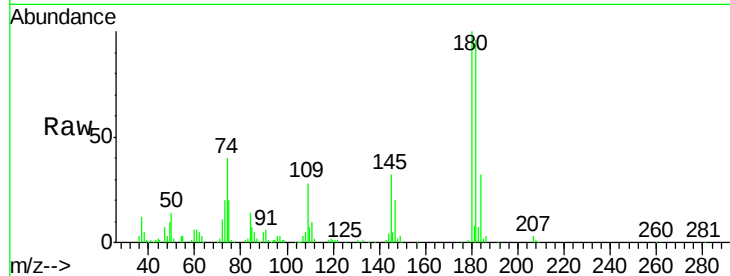




#93
 1,2,4-Trichlorobenzene
 Concen: 19.575 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. -0.00 min
 Lab File: VN063160.D
 Acq: 1 Sep 2020 17:17

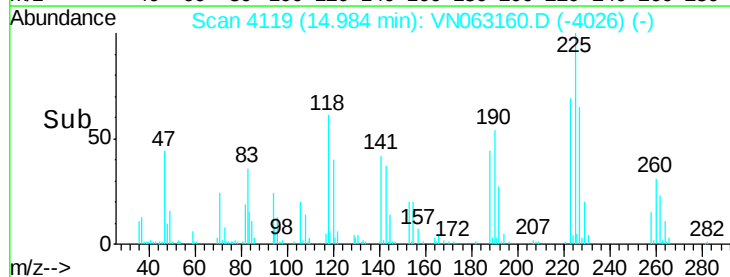
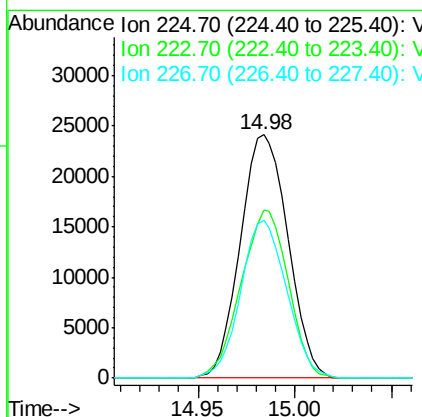
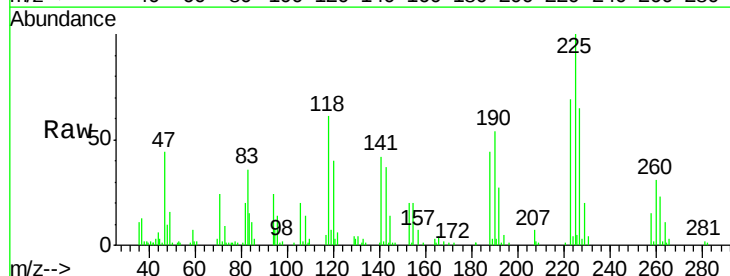
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0901WBSD01

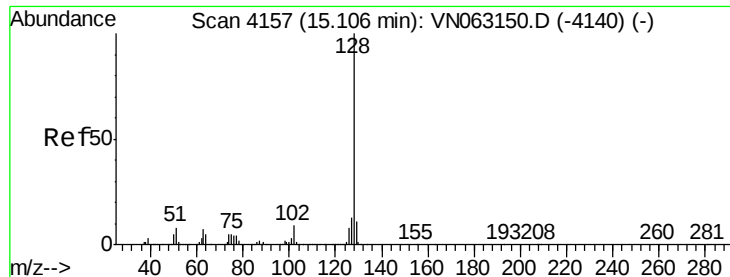
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.5	142.5
145	32.8	16.6	49.8



#94
 Hexachlorobutadiene
 Concen: 19.936 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. -0.00 min
 Lab File: VN063160.D
 Acq: 1 Sep 2020 17:17

Tgt Ion	Ratio	Lower	Upper
225	100		
223	68.3	30.9	92.7
227	62.7	32.9	98.7





#95

Naphthalene

Concen: 18.892 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. -0.00 min

Lab File: VN063160.D

Acq: 1 Sep 2020 17:17

Instrument :

MSVOA_N

ClientSampleID :

VN0901WBSD01

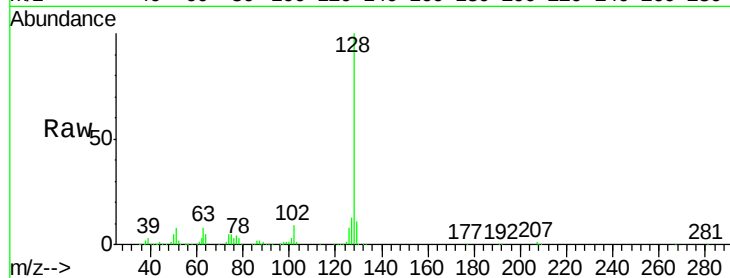
Tot Ion:128 Resp: 349920

Ion Ratio Lower Upper

128 100

127 12.8 10.5 15.7

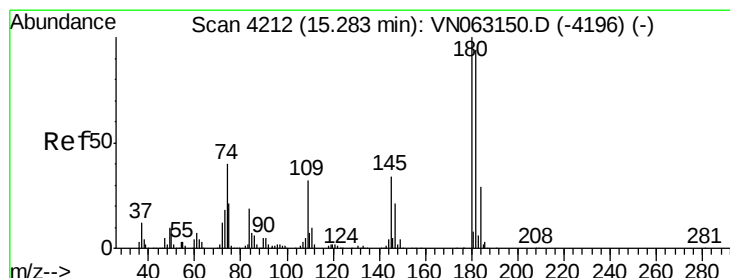
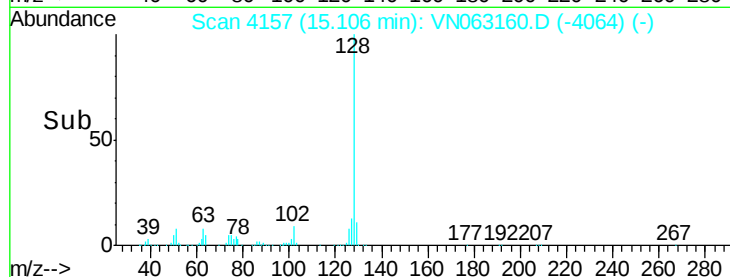
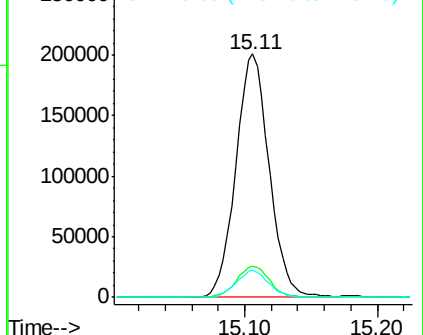
129 10.7 8.6 13.0



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: 19.496 ug/l

RT: 15.29 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN063160.D

Acq: 1 Sep 2020 17:17

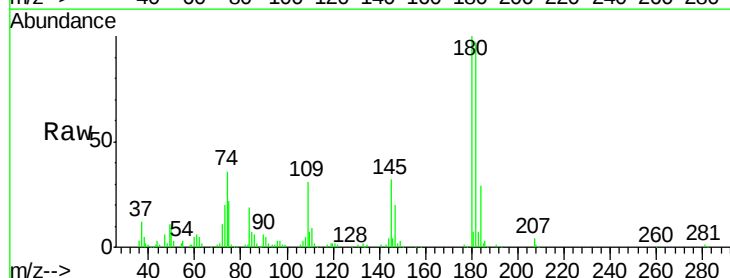
Tgt Ion:180 Resp: 105449

Ion Ratio Lower Upper

180 100

182 96.1 47.5 142.5

145 34.1 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

