

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100620\NOT REVIEWED DATA\
 Data File : VN063896.D
 Acq On : 6 Oct 2020 16:01
 Operator : JC/MD
 Sample : VN1006WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1006WBS01

Quant Time: Oct 06 18:28:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N100620W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Oct 06 16:42:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	55299	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	292792	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	273363	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	146945	29.59	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.63%
60) 4-Bromofluorobenzene	12.38	95	136682	29.24	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.47%
63) Toluene-d8	10.06	98	383647	30.97	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	103.23%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	63203	16.886	ug/l 98
3) Chloromethane	2.04	50	63866	16.489	ug/l 99
4) Vinyl Chloride	2.16	62	62523	16.227	ug/l 99
5) Bromomethane	2.54	94	40890	16.488	ug/l 98
6) Chloroethane	2.68	64	38839	16.068	ug/l 97
7) Trichlorofluoromethane	2.98	101	100268	16.485	ug/l 97
8) Diethyl Ether	3.37	74	32627	16.566	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	50377	15.939	ug/l 95
10) 1,1-Dichloroethene	3.70	96	50126	16.892	ug/l 92
11) Methyl Iodide	3.91	142	55896	14.763	ug/l 89
12) Methyl Acetate	4.28	43	58640	16.057	ug/l 96
13) Acrolein	3.57	56	37778	106.276	ug/l 98
14) Acrylonitrile	4.93	53	109328	72.811	ug/l 93
15) Acetone	3.77	58	32771	75.397	ug/l # 68
16) Carbon Disulfide	4.01	76	138827	15.776	ug/l 96
17) Allyl chloride	4.27	41	85692	15.515	ug/l 82
18) Methylene Chloride	4.50	84	59399	16.700	ug/l 93
19) trans-1,2-Dichloroethene	4.99	96	53386	15.928	ug/l 95
20) Diisopropyl ether	5.90	45	168928	15.215	ug/l 90
21) 1,1-Dichloroethane	5.80	63	108555	16.151	ug/l 99
22) cis-1,2-Dichloroethene	6.78	96	62485	16.422	ug/l 94
23) tert-Butyl Alcohol	4.73	59	46015	71.443	ug/l # 100
24) Methyl tert-Butyl Ether	4.99	73	156447	15.715	ug/l 92
25) Chloroform	7.33	83	113518	16.108	ug/l 99
26) Cyclohexane	7.61	56	75880	15.673	ug/l # 96
29) 1,1-Dichloropropene	7.75	75	82279	16.047	ug/l 96
30) 2-Butanone	6.78	43	181100	72.012	ug/l 97
31) 2,2-Dichloropropane	6.78	77	99807	16.288	ug/l 95
32) 1,1,1-Trichloroethane	7.53	97	105907	16.191	ug/l 97
33) Carbon Tetrachloride	7.73	117	90001	15.704	ug/l 94
34) Benzene	8.00	78	229558	15.747	ug/l 94
35) Methacrylonitrile	7.13	41	35997	15.060	ug/l 86
36) 1,2-Dichloroethane	8.09	62	100417	15.677	ug/l # 93
37) Trichloroethene	8.80	130	60075	15.728	ug/l 98
38) Methylcyclohexane	9.05	83	67333	15.553	ug/l 99
39) 1,2-Dichloropropane	9.08	63	61721	15.582	ug/l 98
40) Dibromomethane	9.17	93	43939	15.883	ug/l 89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.37	83	88526	15.396	ug/l	97
42) Vinyl Acetate	5.84	43	805280	77.154	ug/l	98
44) Isopropyl Acetate	8.13	43	136145	15.254	ug/l	92
45) 1,4-Dioxane	9.16	88	15446	269.926	ug/l	97
46) Methyl methacrylate	9.17	41	66324	14.936	ug/l	84
47) n-amyl Acetate	12.05	43	110727	13.953	ug/l	93
48) t-1,3-Dichloropropene	10.35	75	94095	15.144	ug/l	95
49) cis-1,3-Dichloropropene	9.81	75	98338	15.262	ug/l #	80
50) 1,1,2-Trichloroethane	10.53	97	58601	15.863	ug/l	97
51) Ethyl methacrylate	10.40	69	80104	14.950	ug/l	83
52) 1,3-Dichloropropane	10.68	76	98990	15.643	ug/l	100
53) Dibromochloromethane	10.87	129	65353	15.371	ug/l	99
54) 1,2-Dibromoethane	10.98	107	60120	15.522	ug/l	98
55) 2-Chloroethyl vinyl ether	9.66	63	231327	80.902	ug/l	99
56) Bromoform	12.10	173	44846	15.222	ug/l	94
58) 4-Methyl-2-Pentanone	9.95	43	397399	74.906	ug/l	95
59) 2-Hexanone	10.72	43	292032	73.901	ug/l	94
61) Tetrachloroethene	10.60	164	56429	16.272	ug/l	93
62) Toluene	10.13	91	253180	16.126	ug/l	99
64) Chlorobenzene	11.41	112	152412	16.017	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.48	131	59955	16.110	ug/l	100
66) Ethyl Benzene	11.49	91	274127	15.900	ug/l	99
67) m/p-Xylenes	11.59	106	201017	31.354	ug/l	96
68) o-Xylene	11.92	106	94217	15.424	ug/l	90
69) Styrene	11.94	104	160046	15.356	ug/l	96
70) Isopropylbenzene	12.22	105	255102	15.717	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.48	83	78371	15.275	ug/l	95
72) 1,2,3-Trichloropropane	12.53	75	109753	20.979	ug/l	59
73) Bromobenzene	12.50	156	65379	15.892	ug/l	89
74) n-propylbenzene	12.57	91	292904	15.437	ug/l	99
75) 2-Chlorotoluene	12.65	91	185525	16.030	ug/l	95
76) 1,3,5-Trimethylbenzene	12.71	105	212372	15.516	ug/l	98
77) t-1,4-Dichloro-2-butene	12.27	75	25768	13.848	ug/l	83
78) 4-Chlorotoluene	12.75	91	190880	15.575	ug/l	97
79) tert-butylbenzene	12.97	119	171794	15.667	ug/l	96
80) 1,2,4-Trimethylbenzene	13.02	105	213130	15.533	ug/l	97
81) sec-Butylbenzene	13.15	105	223210	15.487	ug/l	97
82) p-Isopropyltoluene	13.26	119	196655	15.096	ug/l	95
83) 1,3-Dichlorobenzene	13.26	146	109644	14.986	ug/l	96
84) 1,4-Dichlorobenzene	13.34	146	106481	14.651	ug/l	95
85) n-Butylbenzene	13.59	91	163408	14.337	ug/l	99
86) Hexachloroethane	13.85	117	33671	14.998	ug/l	83
87) 1,2-Dichlorobenzene	13.63	146	108222	15.074	ug/l	94
88) 1,2-Dibromo-3-Chloropropan	14.24	75	17257	14.077	ug/l	87
89) 1,2,4-Trichlorobenzene	14.88	180	50166	13.746	ug/l	97
90) Hexachlorobutadiene	14.98	225	28992	14.999	ug/l	92
91) Naphthalene	15.10	128	145326	13.018	ug/l	99
92) 1,2,3-Trichlorobenzene	15.28	180	47698	13.419	ug/l	97

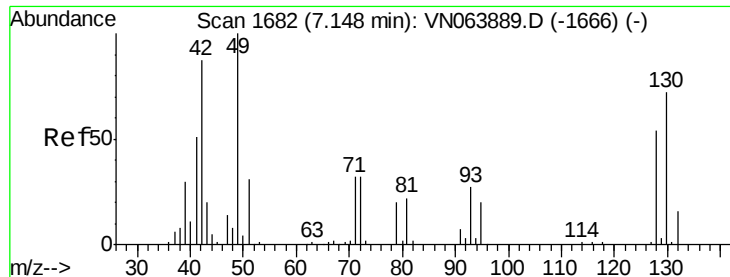
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VN063896.D

Acq: 6 Oct 2020 16:01

Instrument :

MSVOA_N

ClientSampleId :

VN1006WBS01

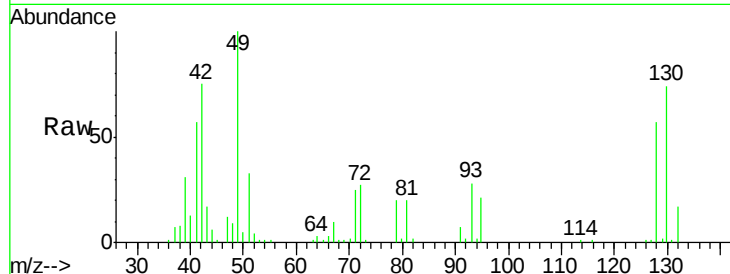
Tgt Ion:128 Resp: 55299

Ion Ratio Lower Upper

128 100

49 183.8 0.0 437.5

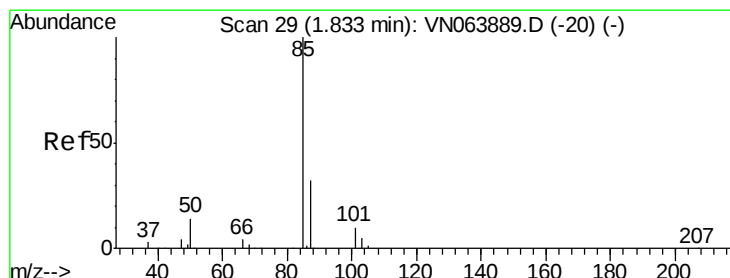
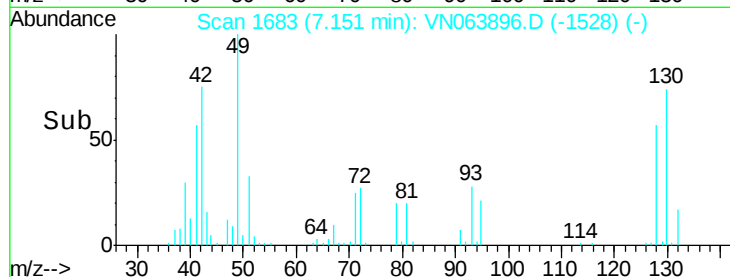
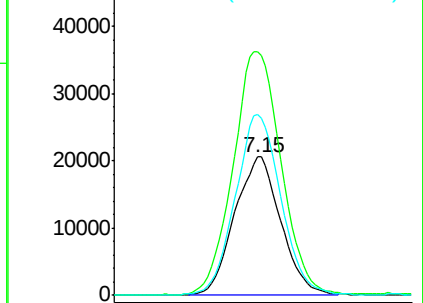
130 128.7 0.0 327.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 16.886 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063896.D

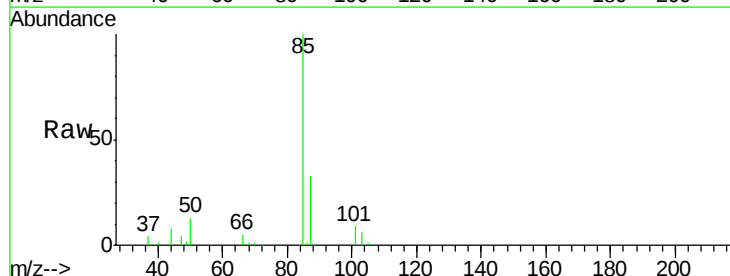
Acq: 6 Oct 2020 16:01

Tgt Ion: 85 Resp: 63203

Ion Ratio Lower Upper

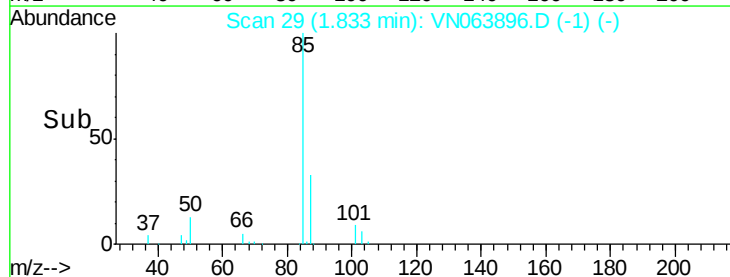
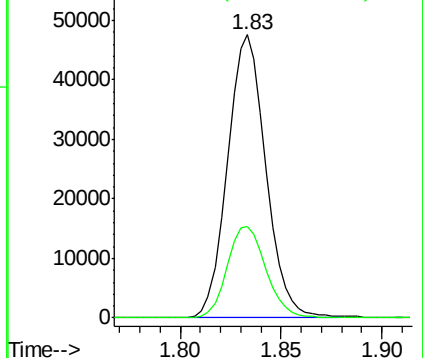
85 100

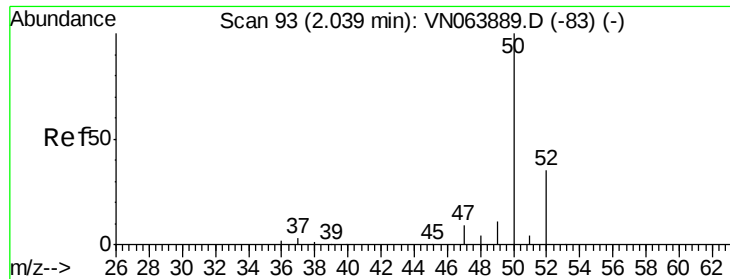
87 32.5 16.9 50.6



Abundance Ion 85.00 (84.70 to 85.70): VN0

Ion 87.00 (86.70 to 87.70): VN0





#3

Chloromethane

Concen: 16.489 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.01 min

Lab File: VN063896.D

Acq: 6 Oct 2020 16:01

Instrument :

MSVOA_N

ClientSampleId :

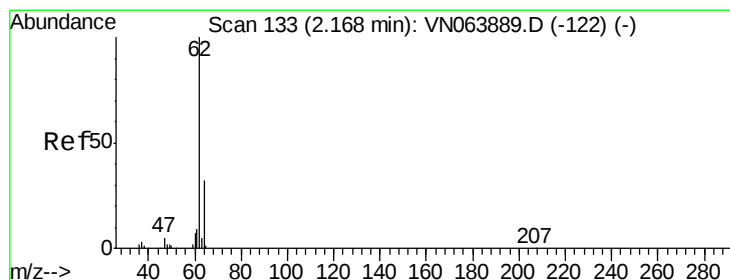
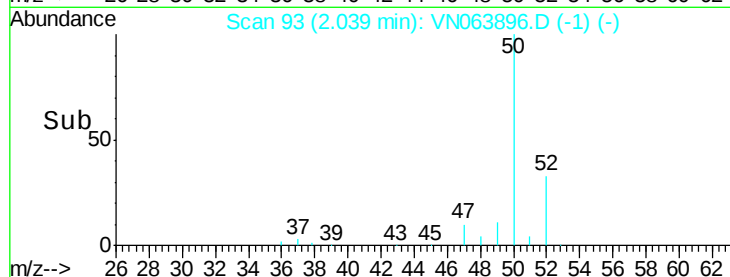
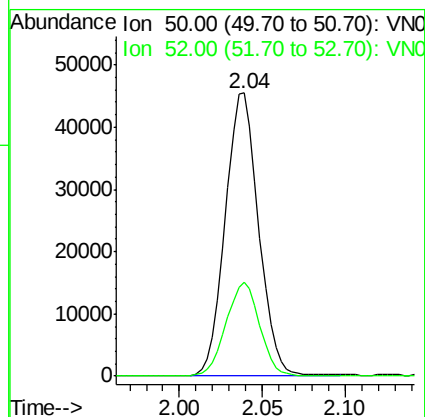
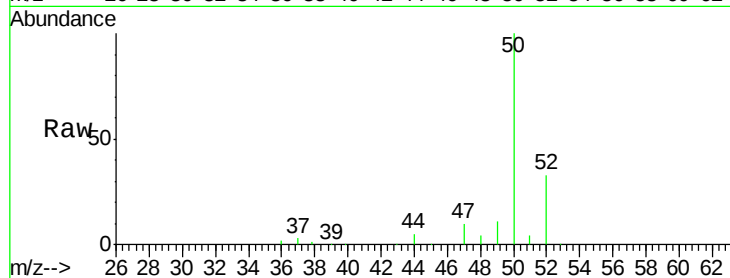
VN1006WBS01

Tgt Ion: 50 Resp: 63866

Ion Ratio Lower Upper

50 100

52 33.0 26.0 39.0



#4

Vinyl Chloride

Concen: 16.227 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.01 min

Lab File: VN063896.D

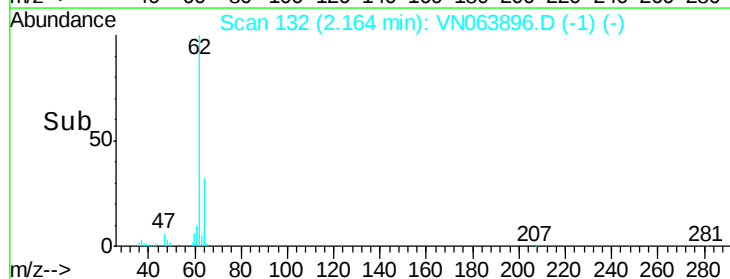
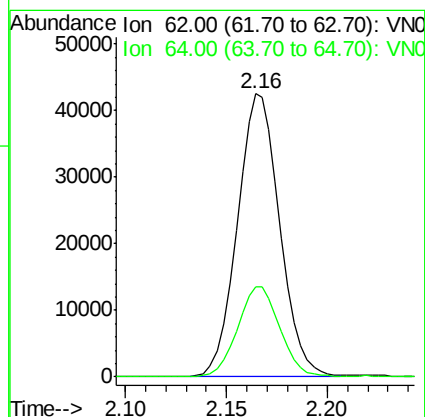
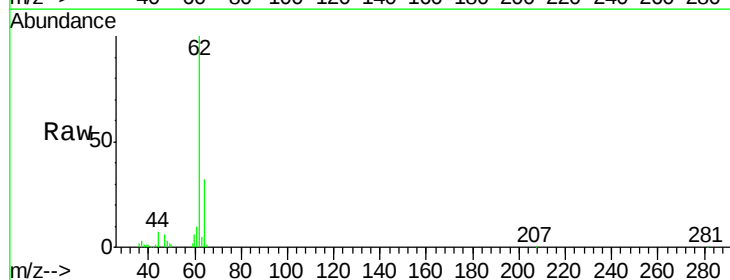
Acq: 6 Oct 2020 16:01

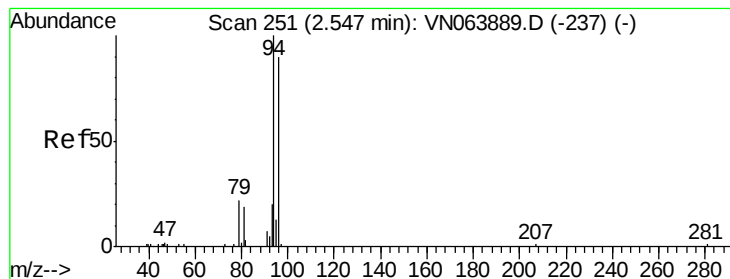
Tgt Ion: 62 Resp: 62523

Ion Ratio Lower Upper

62 100

64 32.0 25.0 37.4





#5

Bromomethane

Concen: 16.488 ug/l

RT: 2.54 min Scan# 248

Delta R.T. 0.01 min

Lab File: VN063896.D

Acq: 6 Oct 2020 16:01

Instrument :

MSVOA_N

ClientSampleId :

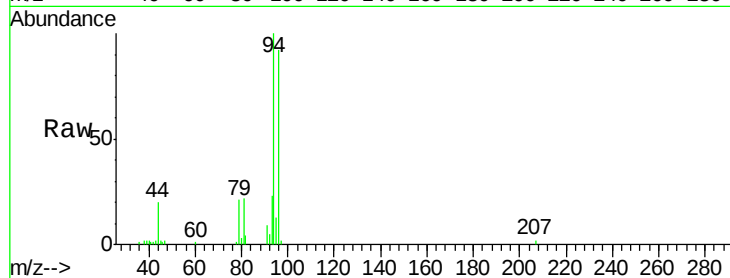
VN1006WBS01

Tgt Ion: 94 Resp: 40890

Ion Ratio Lower Upper

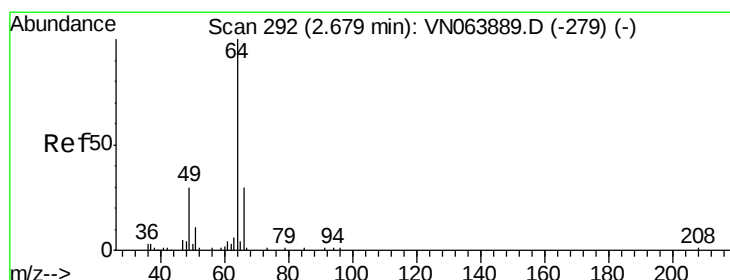
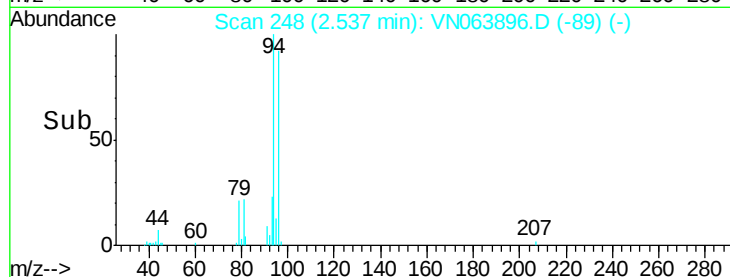
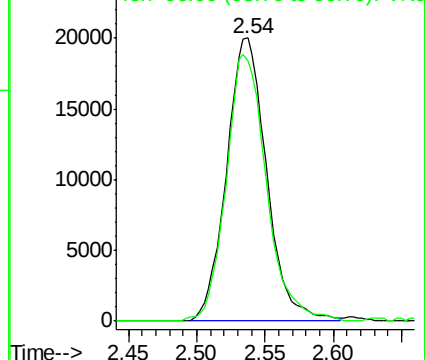
94 100

96 91.0 74.0 111.0



Abundance Ion 94.00 (93.70 to 94.70): VN0

Ion 96.00 (95.70 to 96.70): VN0



#6

Chloroethane

Concen: 16.068 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.01 min

Lab File: VN063896.D

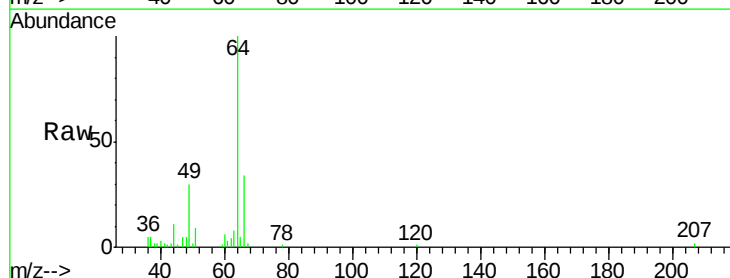
Acq: 6 Oct 2020 16:01

Tgt Ion: 64 Resp: 38839

Ion Ratio Lower Upper

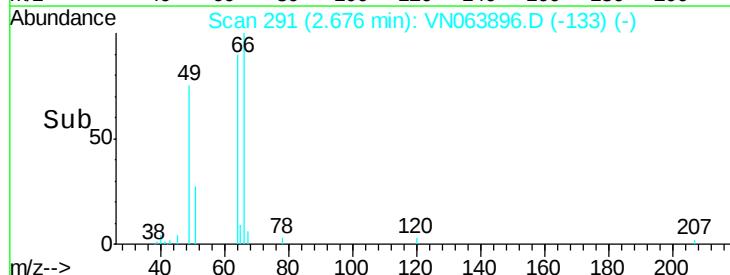
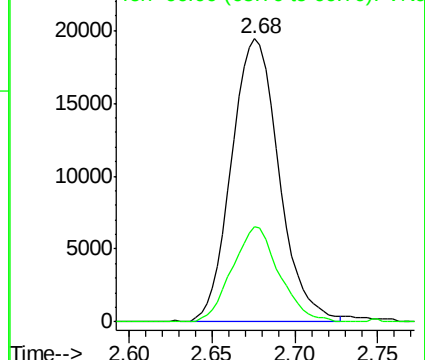
64 100

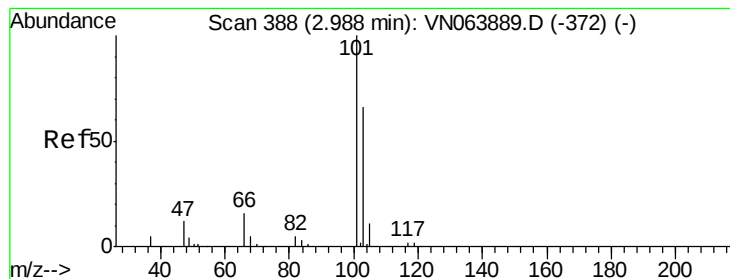
66 33.8 25.8 38.8



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0



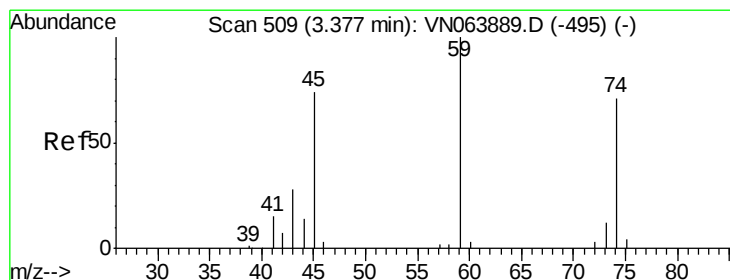
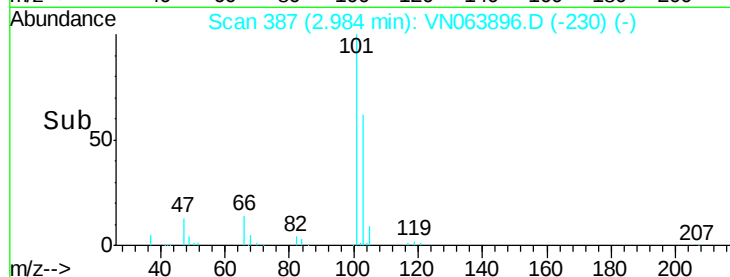
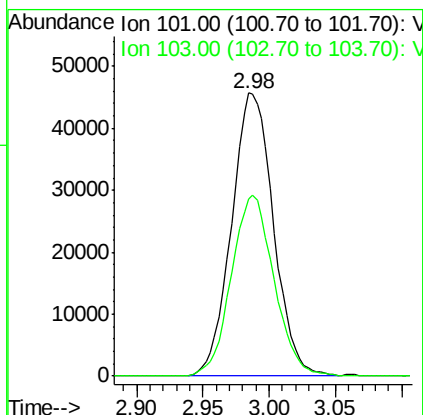
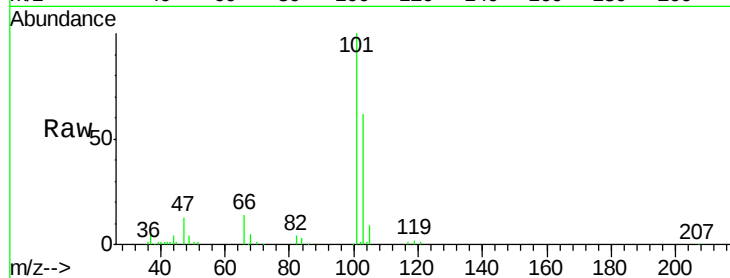


#7

Trichlorofluoromethane
 Concen: 16.485 ug/l
 RT: 2.98 min Scan# 387
 Delta R.T. 0.01 min
 Lab File: VN063896.D
 Acq: 6 Oct 2020 16:01

Instrument :
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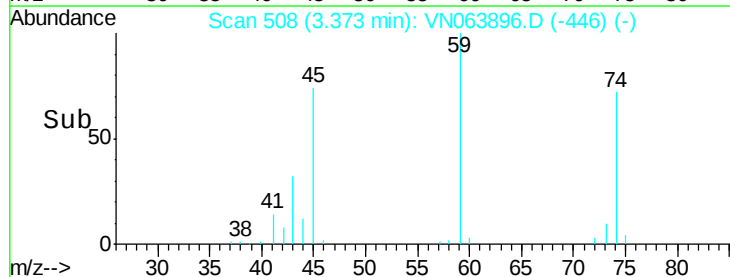
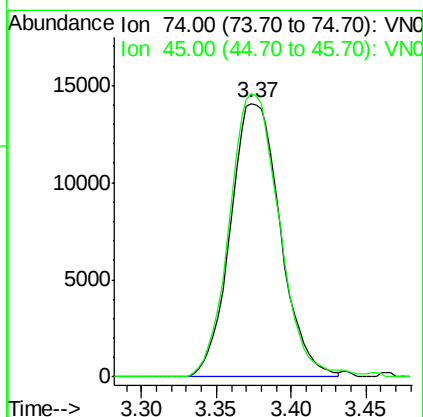
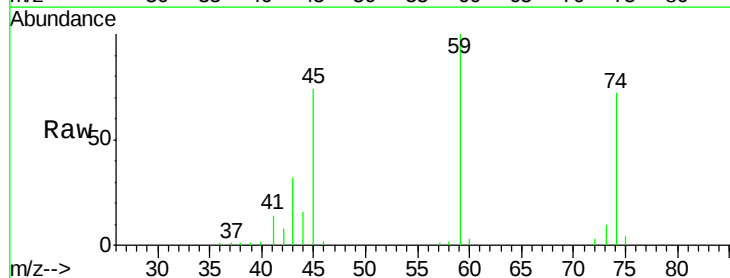
Tgt Ion:101 Resp: 100268
 Ion Ratio Lower Upper
 101 100
 103 62.4 51.9 77.9

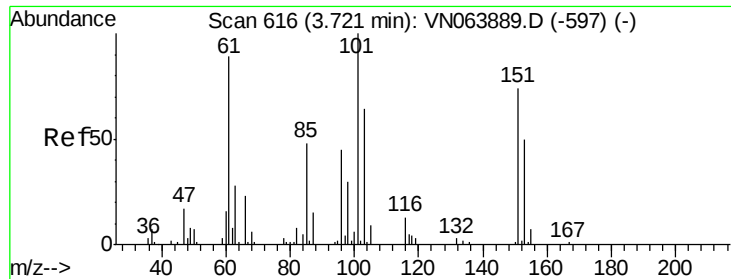


#8

Diethyl Ether
 Concen: 16.566 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN063896.D
 Acq: 6 Oct 2020 16:01

Tgt Ion: 74 Resp: 32627
 Ion Ratio Lower Upper
 74 100
 45 103.9 20.6 185.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 15.939 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN063896.D

Acq: 6 Oct 2020 16:01

Instrument :

MSVOA_N

ClientSampleId :

VN1006WBS01

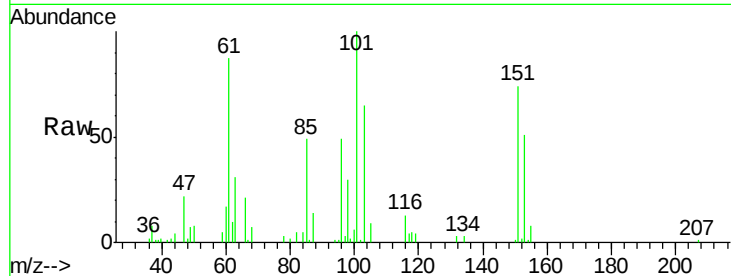
Tgt Ion: 101 Resp: 50377

Ion Ratio Lower Upper

101 100

85 48.3 0.0 85.0

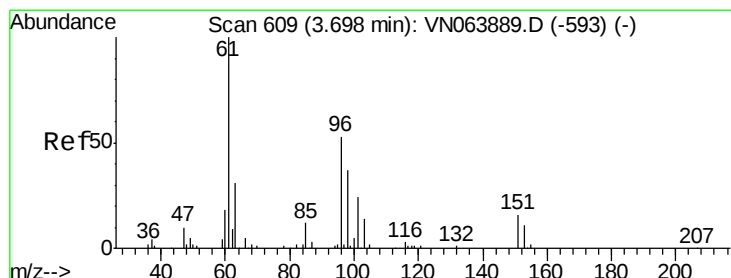
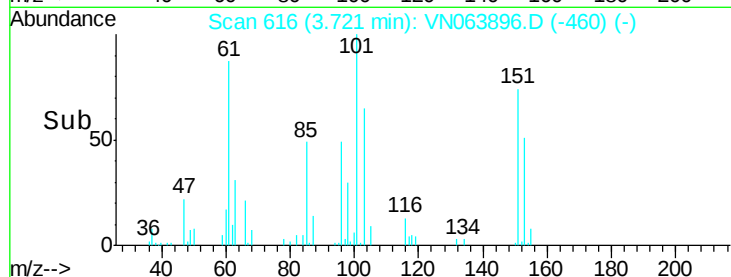
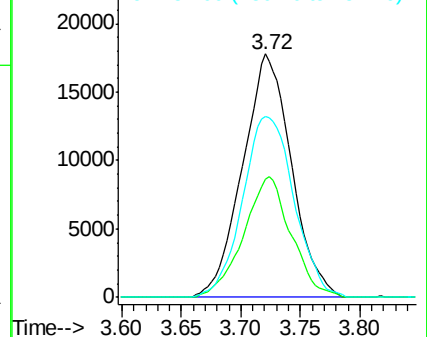
151 78.6 0.0 161.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VNO

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 16.892 ug/l

RT: 3.70 min Scan# 609

Delta R.T. 0.00 min

Lab File: VN063896.D

Acq: 6 Oct 2020 16:01

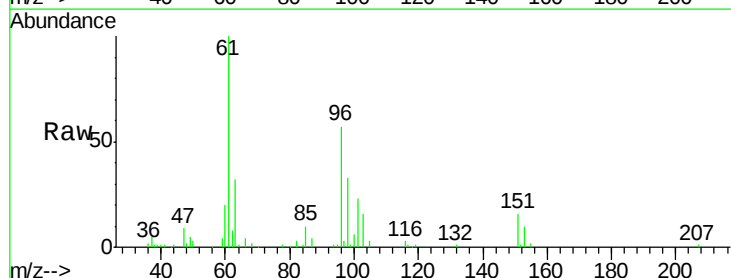
Tgt Ion: 96 Resp: 50126

Ion Ratio Lower Upper

96 100

61 175.5 130.8 196.2

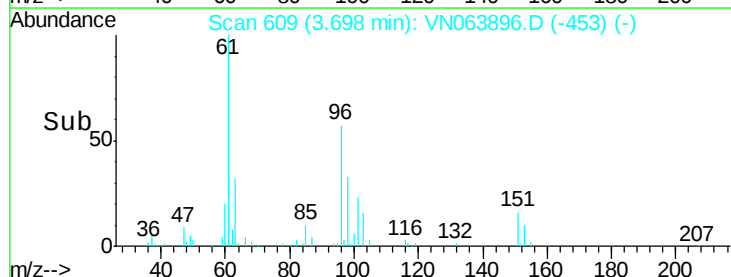
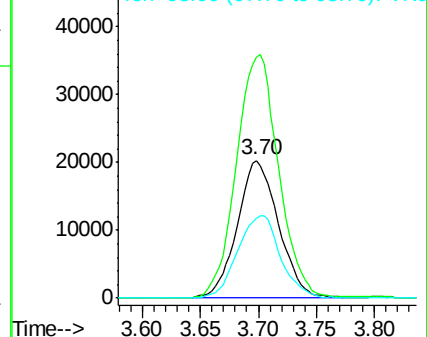
98 57.9 49.0 73.4

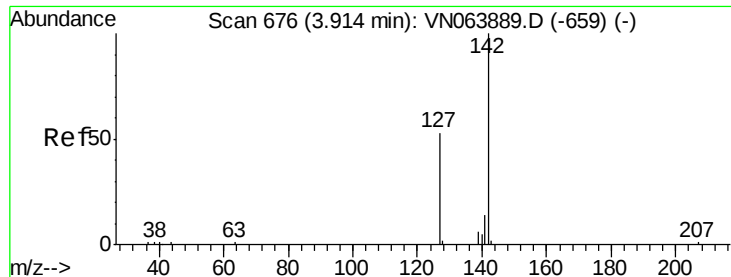


Abundance Ion 96.00 (95.70 to 96.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 98.00 (97.70 to 98.70): VNO

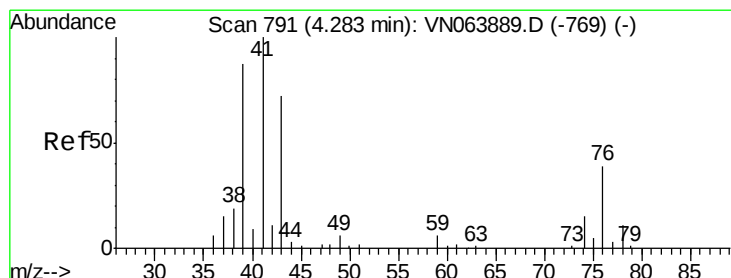
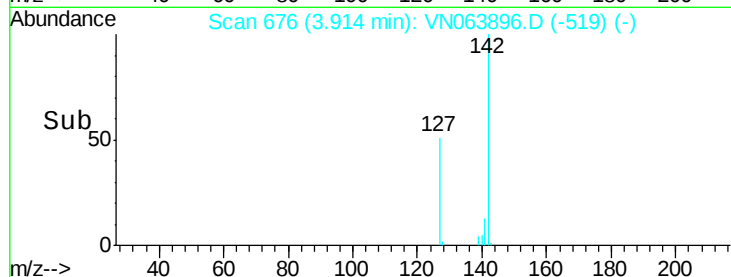
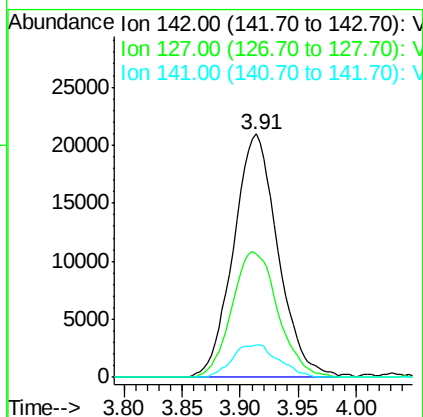
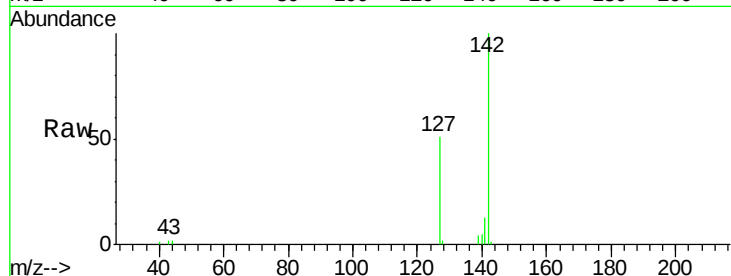




#11
Methyl Iodide
Concen: 14.763 ug/l
RT: 3.91 min Scan# 676
Delta R.T. 0.01 min
Lab File: VN063896.D
Acq: 6 Oct 2020 16:01

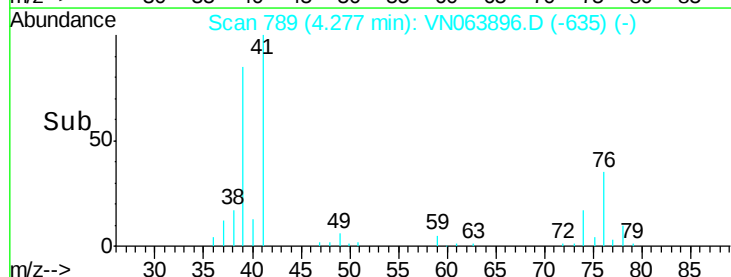
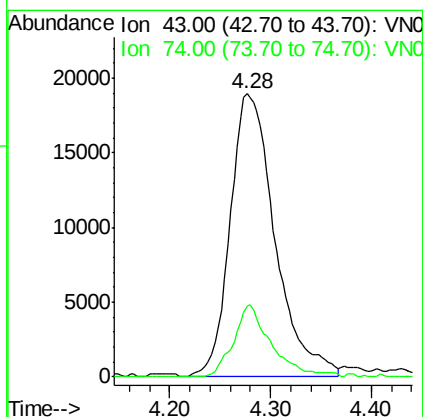
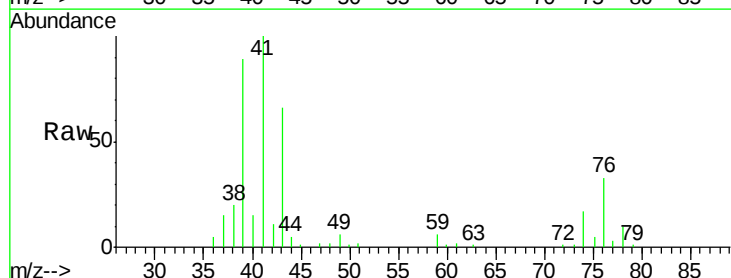
Instrument :
MSVOA_N
ClientSampled :
VN1006WBS01

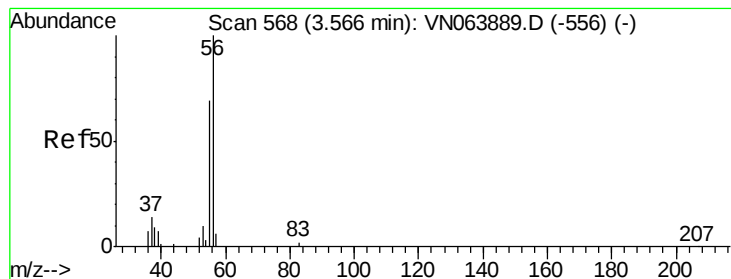
Tgt Ion:142 Resp: 55896
Ion Ratio Lower Upper
142 100
127 50.9 20.9 62.8
141 13.2 6.7 20.1



#12
Methyl Acetate
Concen: 16.057 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN063896.D
Acq: 6 Oct 2020 16:01

Tgt Ion: 43 Resp: 58640
Ion Ratio Lower Upper
43 100
74 25.1 18.6 27.8





#13

Acrolein

Concen: 106.276 ug/l

RT: 3.57 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN063896.D

Acq: 6 Oct 2020 16:01

Instrument :

MSVOA_N

ClientSampleId :

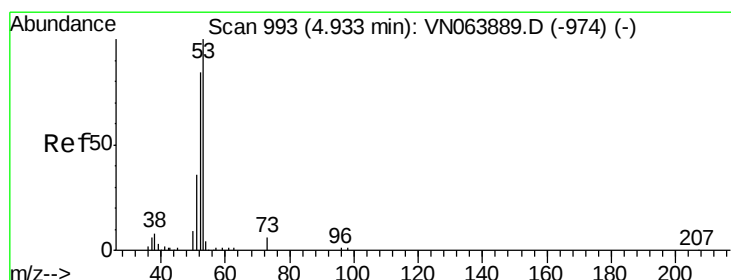
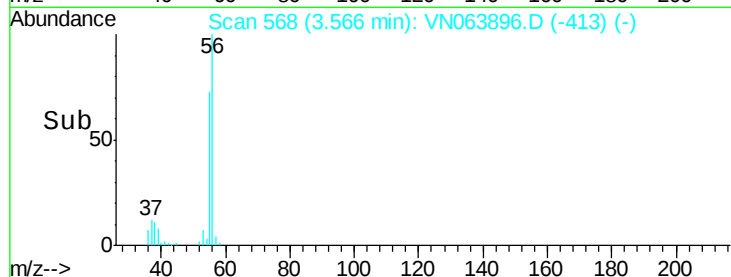
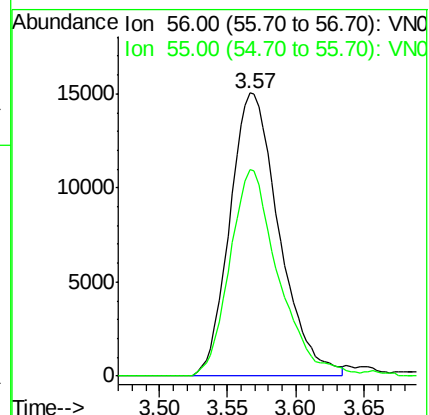
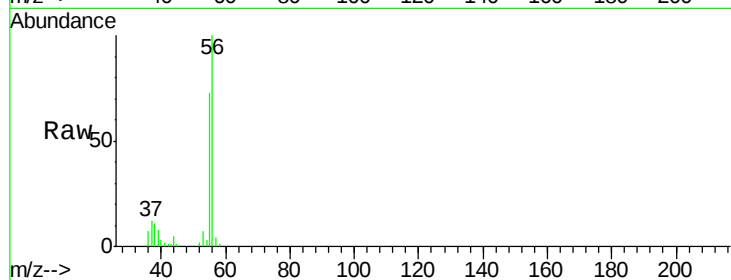
VN1006WBS01

Tgt Ion: 56 Resp: 37778

Ion Ratio Lower Upper

56 100

55 72.1 58.7 88.1



#14

Acrylonitrile

Concen: 72.811 ug/l

RT: 4.93 min Scan# 993

Delta R.T. -0.00 min

Lab File: VN063896.D

Acq: 6 Oct 2020 16:01

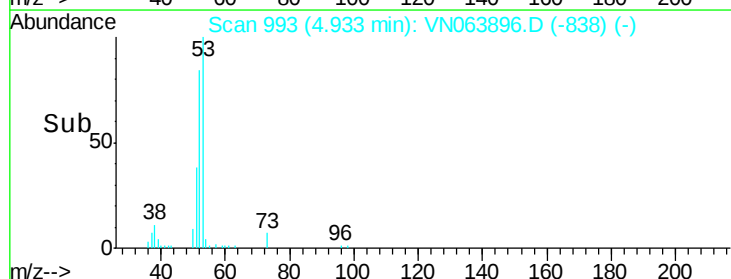
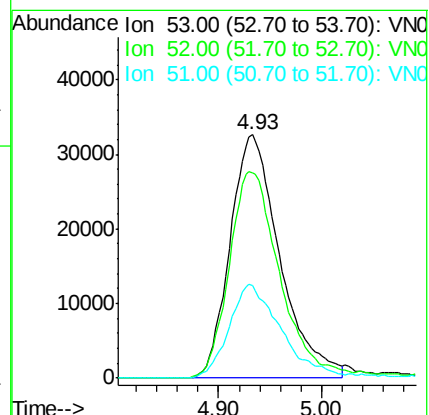
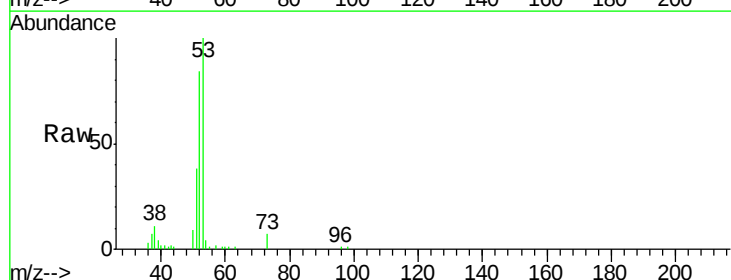
Tgt Ion: 53 Resp: 109328

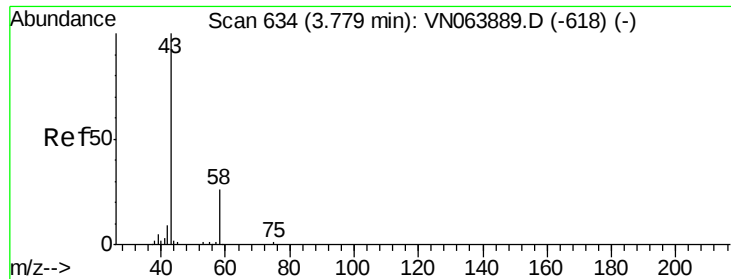
Ion Ratio Lower Upper

53 100

52 84.0 39.9 119.7

51 40.2 17.0 51.0





#15

Acetone

Concen: 75.397 ug/l

RT: 3.77 min Scan# 632

Delta R.T. -0.00 min

Lab File: VN063896.D

Acq: 6 Oct 2020 16:01

Instrument :

MSVOA_N

ClientSampleId :

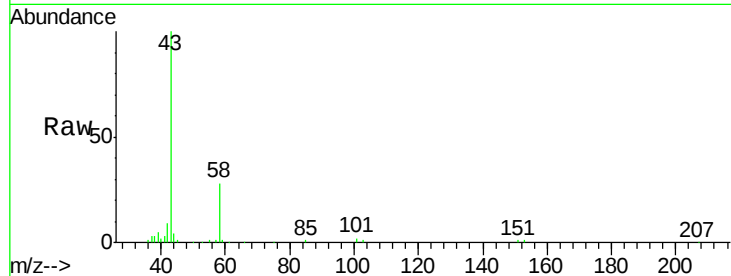
VN1006WBS01

Tgt Ion: 58 Resp: 32771

Ion Ratio Lower Upper

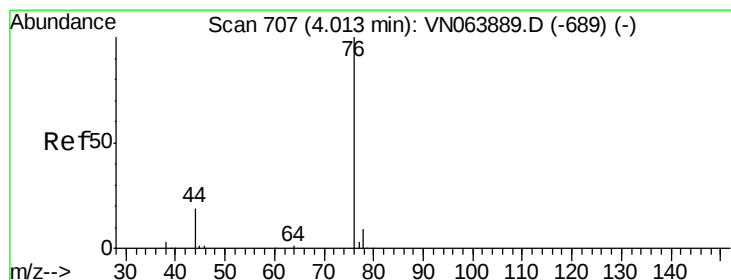
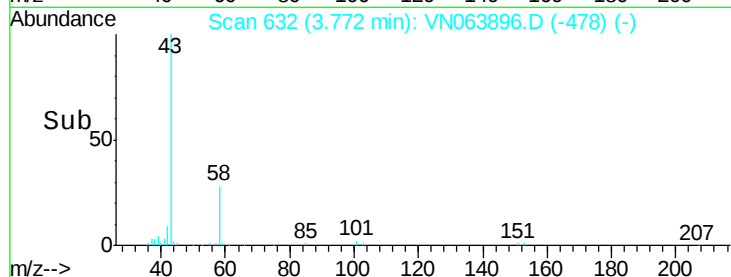
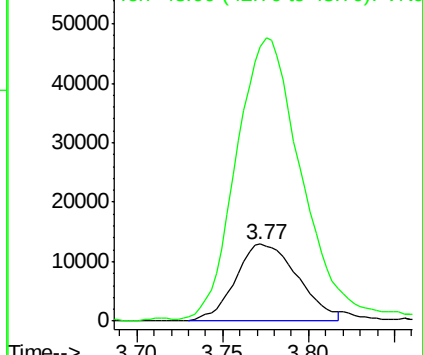
58 100

43 352.4 233.2 349.8#



Abundance Ion 58.00 (57.70 to 58.70): VN0

Ion 43.00 (42.70 to 43.70): VN0



#16

Carbon Disulfide

Concen: 15.776 ug/l

RT: 4.01 min Scan# 707

Delta R.T. 0.01 min

Lab File: VN063896.D

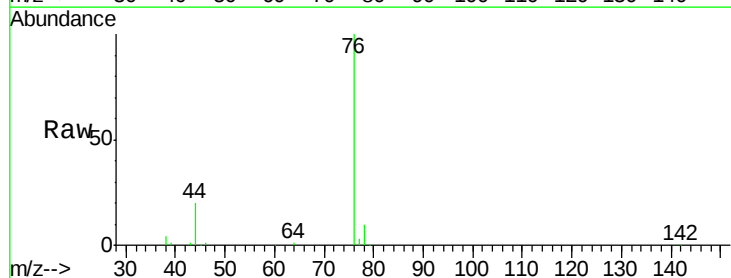
Acq: 6 Oct 2020 16:01

Tgt Ion: 76 Resp: 138827

Ion Ratio Lower Upper

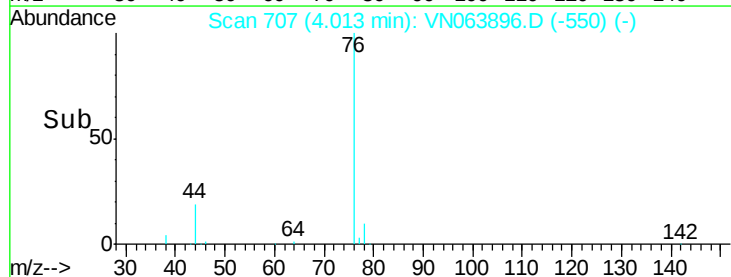
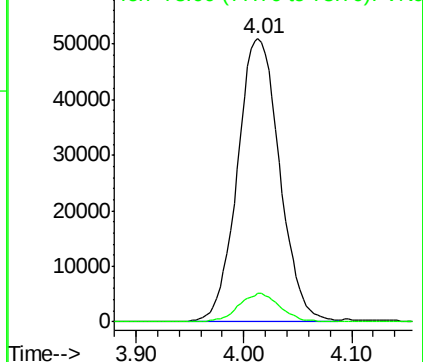
76 100

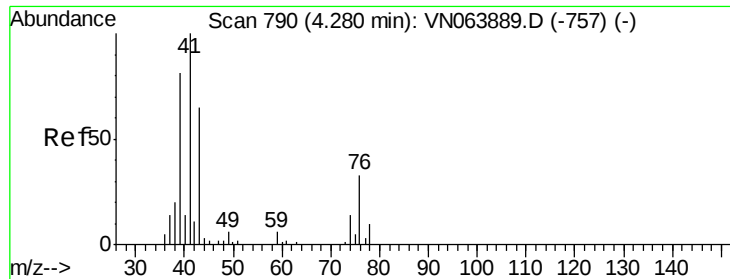
78 10.2 7.0 10.4



Abundance Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0

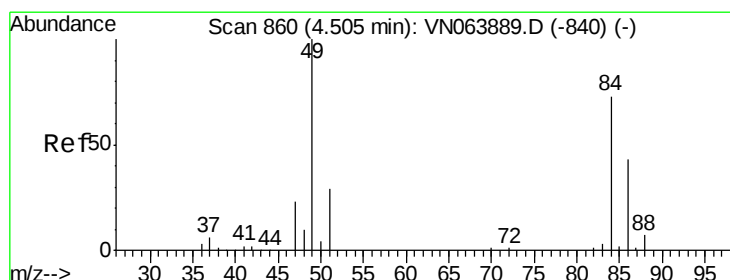
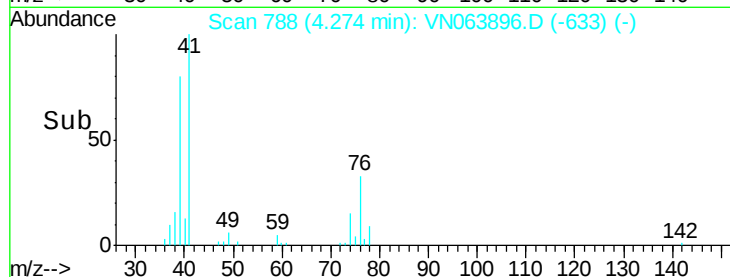
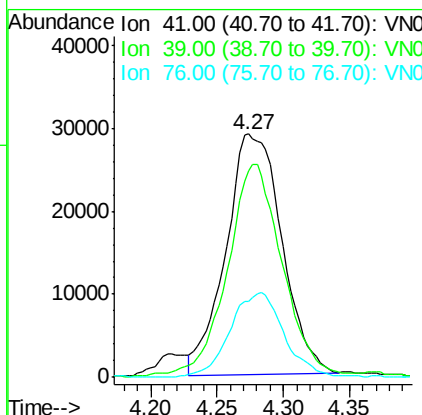
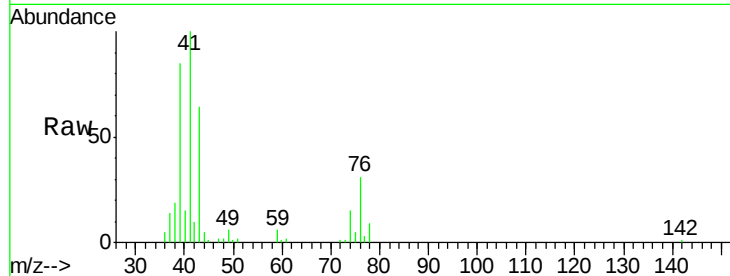




#17
 Allyl chloride
 Concen: 15.515 ug/l
 RT: 4.27 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: VN063896.D
 Acq: 6 Oct 2020 16:01

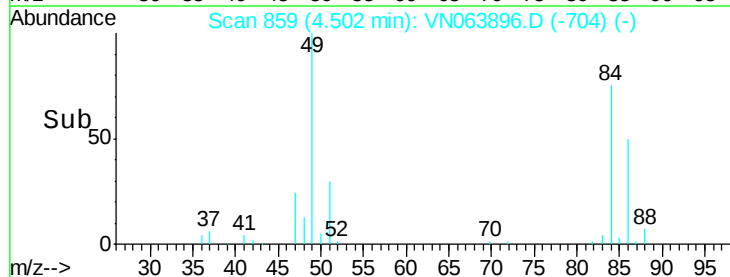
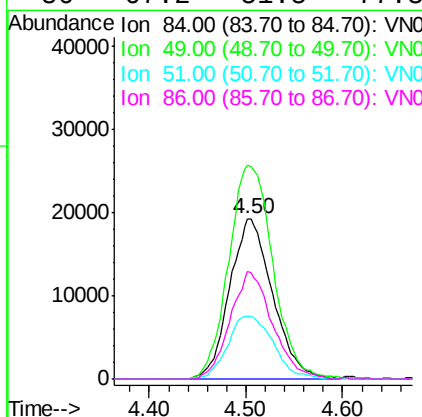
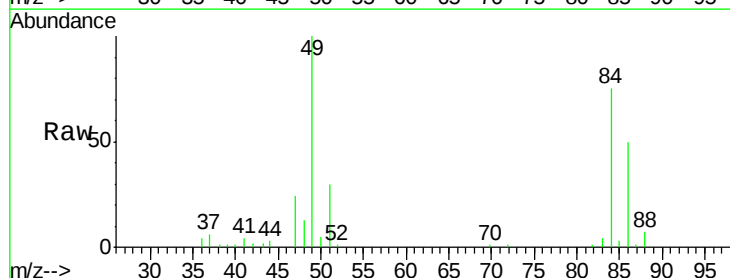
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1006WBS01

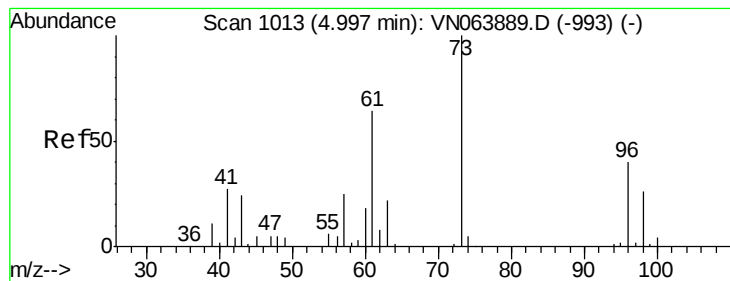
Tgt Ion: 41 Resp: 85692
 Ion Ratio Lower Upper
 41 100
 39 84.3 33.8 101.4
 76 31.4 19.4 58.4



#18
 Methylene Chloride
 Concen: 16.700 ug/l
 RT: 4.50 min Scan# 859
 Delta R.T. -0.00 min
 Lab File: VN063896.D
 Acq: 6 Oct 2020 16:01

Tgt Ion: 84 Resp: 59399
 Ion Ratio Lower Upper
 84 100
 49 133.3 97.8 146.8
 51 39.4 30.7 46.1
 86 67.2 51.5 77.3





#19

trans-1,2-Dichloroethene

Concen: 15.928 ug/l

RT: 4.99 min Scan# 1011

Delta R.T. 0.00 min

Lab File: VN063896.D

Acq: 6 Oct 2020 16:01

Instrument :

MSVOA_N

ClientSampleId :

VN1006WBS01

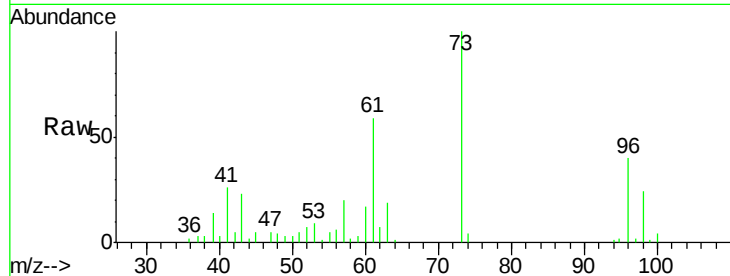
Tgt Ion: 96 Resp: 53386

Ion Ratio Lower Upper

96 100

61 148.6 115.9 173.9

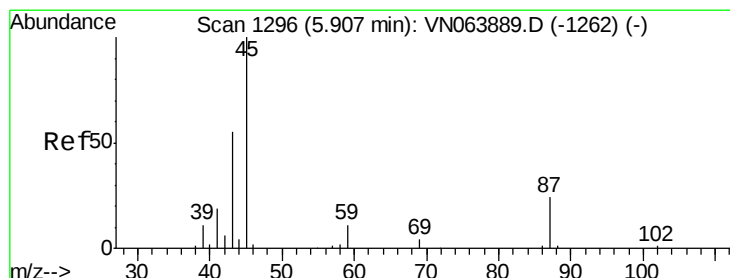
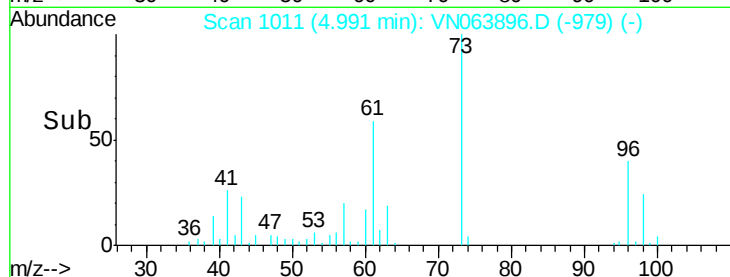
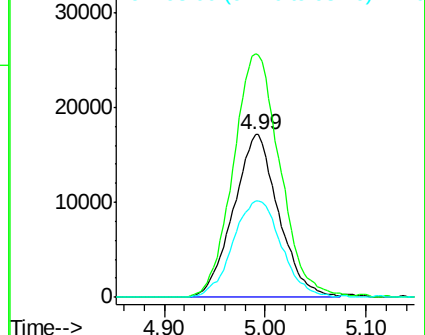
98 59.4 53.3 79.9



Abundance Ion 96.00 (95.70 to 96.70): VN063896.D (-1232) (-)

Ion 61.00 (60.70 to 61.70): VN063896.D (-1232) (-)

Ion 98.00 (97.70 to 98.70): VN063896.D (-1232) (-)



#20

Diisopropyl ether

Concen: 15.215 ug/l

RT: 5.90 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VN063896.D

Acq: 6 Oct 2020 16:01

Tgt Ion: 45 Resp: 168928

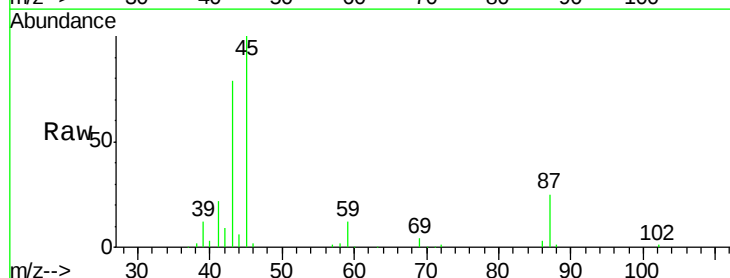
Ion Ratio Lower Upper

45 100

43 76.2 51.8 77.6

87 25.5 21.8 32.6

59 11.4 9.6 14.4

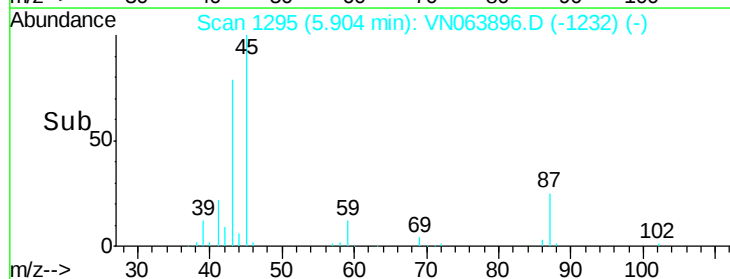
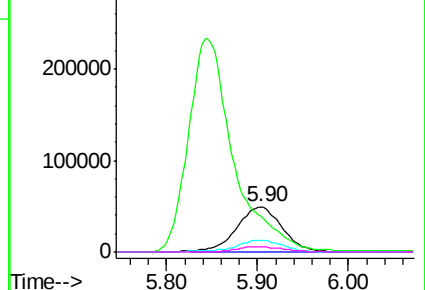


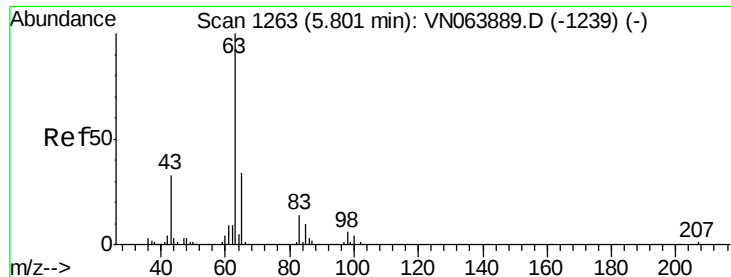
Abundance Ion 45.00 (44.70 to 45.70): VN063896.D (-1232) (-)

Ion 43.00 (42.70 to 43.70): VN063896.D (-1232) (-)

Ion 87.00 (86.70 to 87.70): VN063896.D (-1232) (-)

Ion 59.00 (58.70 to 59.70): VN063896.D (-1232) (-)





#21

1,1-Dichloroethane

Concen: 16.151 ug/l

RT: 5.80 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VN063896.D

Acq: 6 Oct 2020 16:01

Instrument :

MSVOA_N

ClientSampleId :

VN1006WBS01

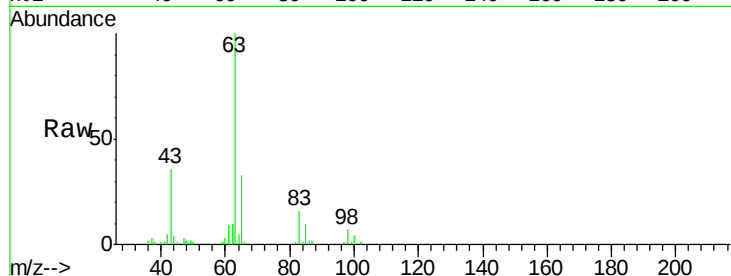
Tgt Ion: 63 Resp: 108555

Ion Ratio Lower Upper

63 100

98 6.7 3.1 9.3

100 3.8 1.8 5.3

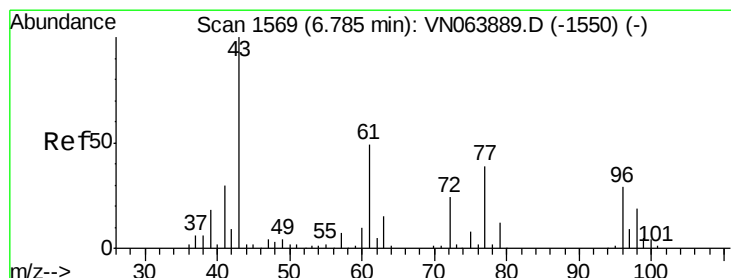
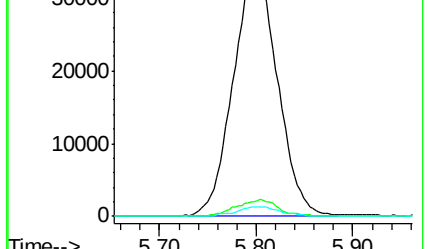
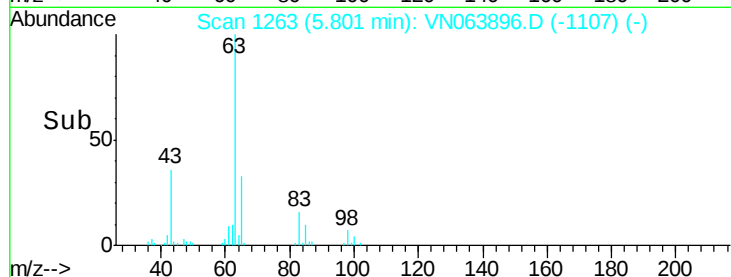


Abundance Ion 63.00 (62.70 to 63.70): VN063896.D (-1107) (-)

Ion 98.00 (97.70 to 98.70): VN063896.D (-1107) (-)

Ion 100.00 (99.70 to 100.70): VN063896.D (-1107) (-)

Time-->



#22

cis-1,2-Dichloroethene

Concen: 16.422 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VN063896.D

Acq: 6 Oct 2020 16:01

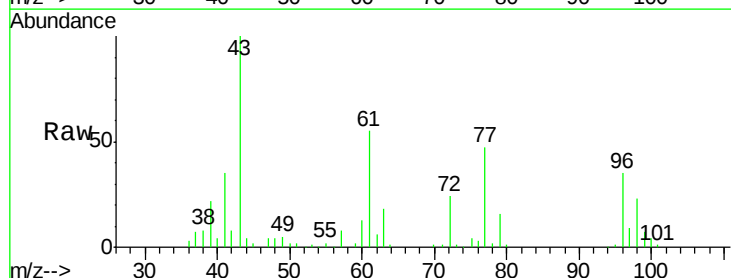
Tgt Ion: 96 Resp: 62485

Ion Ratio Lower Upper

96 100

61 161.4 120.9 181.3

98 63.4 50.3 75.5

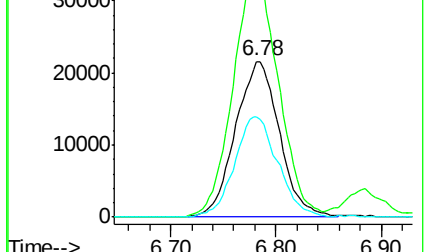
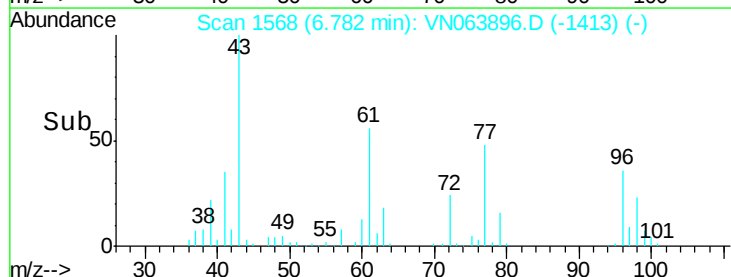


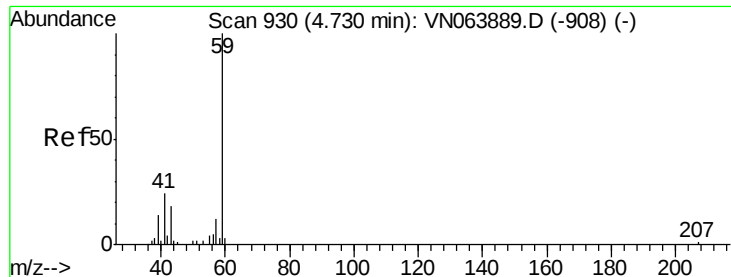
Abundance Ion 96.00 (95.70 to 96.70): VN063896.D (-1413) (-)

Ion 61.00 (60.70 to 61.70): VN063896.D (-1413) (-)

Ion 98.00 (97.70 to 98.70): VN063896.D (-1413) (-)

Time-->





#23

tert-Butyl Alcohol

Concen: 71.443 ug/l

RT: 4.73 min Scan# 930

Delta R.T. -0.01 min

Lab File: VN063896.D

Acq: 6 Oct 2020 16:01

Instrument :

MSVOA_N

ClientSampleId :

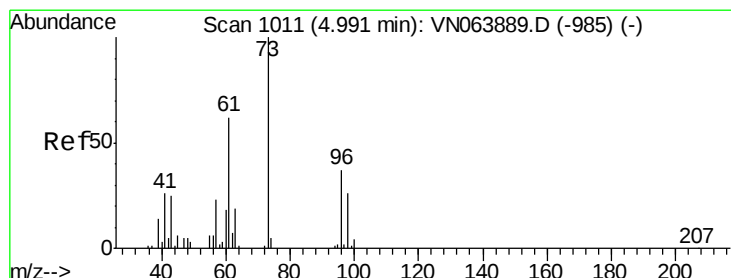
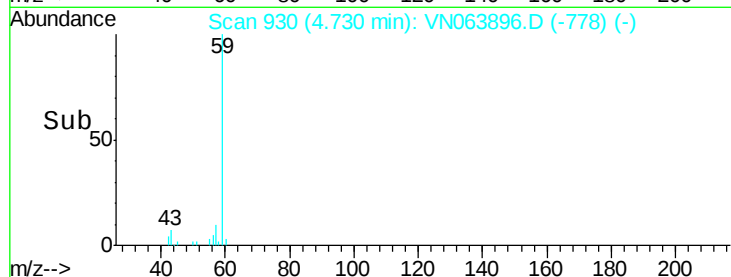
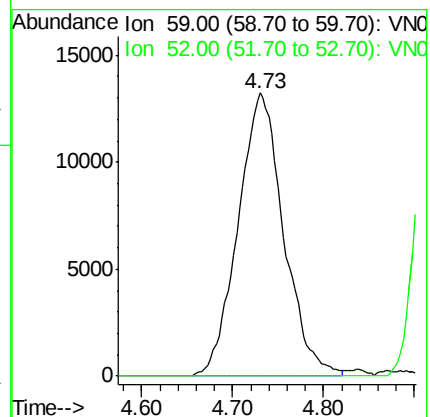
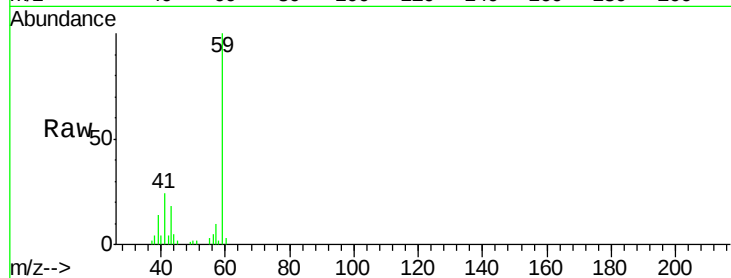
VN1006WBS01

Tgt Ion: 59 Resp: 46015

Ion Ratio Lower Upper

59 100

52 0.0 0.0 0.0



#24

Methyl tert-Butyl Ether

Concen: 15.715 ug/l

RT: 4.99 min Scan# 1011

Delta R.T. -0.00 min

Lab File: VN063896.D

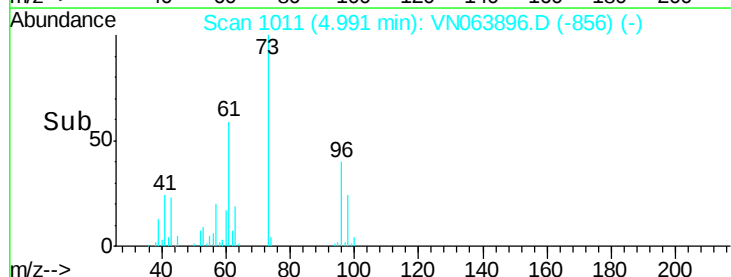
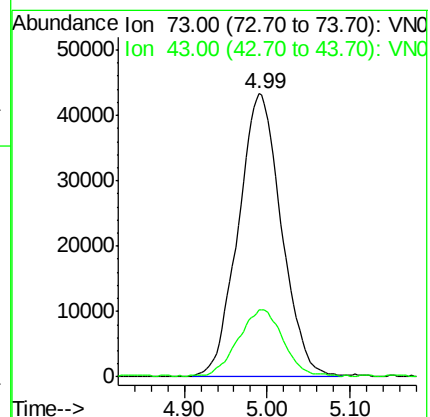
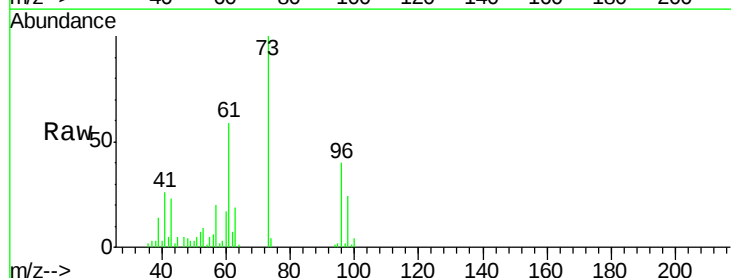
Acq: 6 Oct 2020 16:01

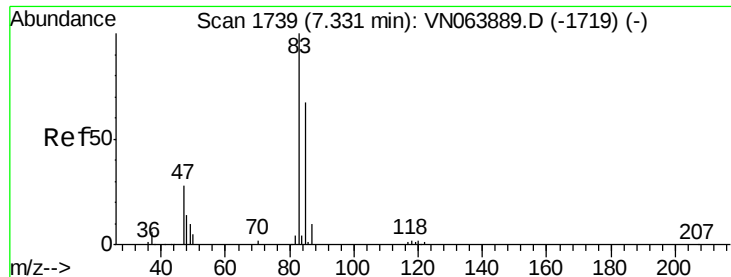
Tgt Ion: 73 Resp: 156447

Ion Ratio Lower Upper

73 100

43 23.4 15.8 23.6





#25

Chloroform

Concen: 16.108 ug/l

RT: 7.33 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VN063896.D

Acq: 6 Oct 2020 16:01

Instrument :

MSVOA_N

ClientSampleId :

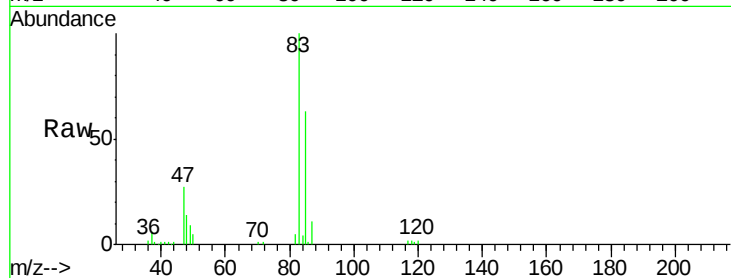
VN1006WBS01

Tgt Ion: 83 Resp: 113518

Ion Ratio Lower Upper

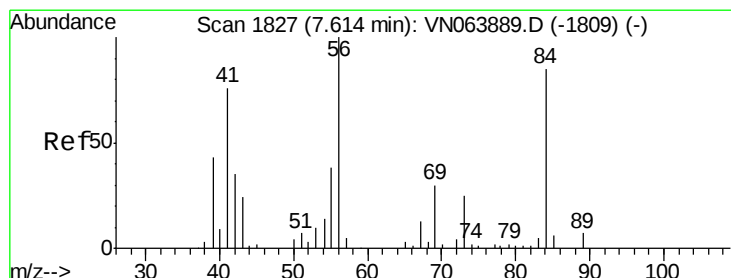
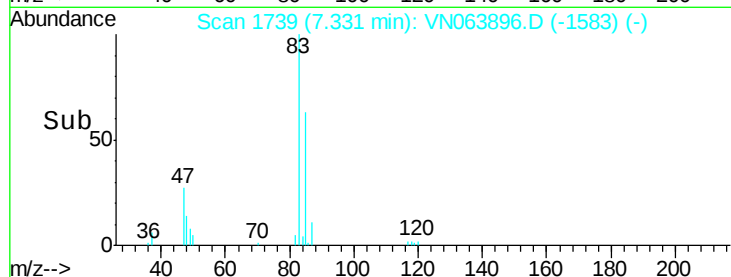
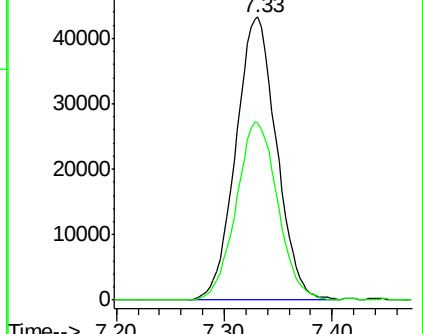
83 100

85 62.8 51.0 76.4



Abundance Ion 83.00 (82.70 to 83.70): VN063889.D (-1719) (-)

Ion 85.00 (84.70 to 85.70): VN063889.D (-1719) (-)



#26

Cyclohexane

Concen: 15.673 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN063896.D

Acq: 6 Oct 2020 16:01

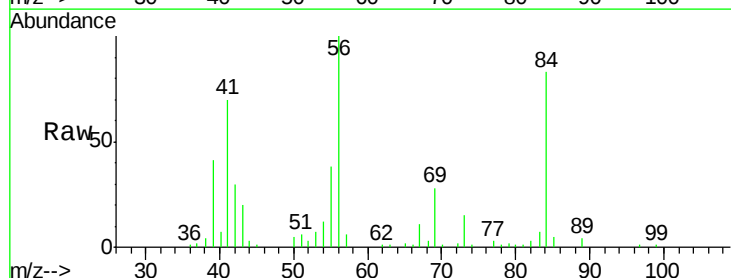
Tgt Ion: 56 Resp: 75880

Ion Ratio Lower Upper

56 100

89 2.1 0.0 0.0#

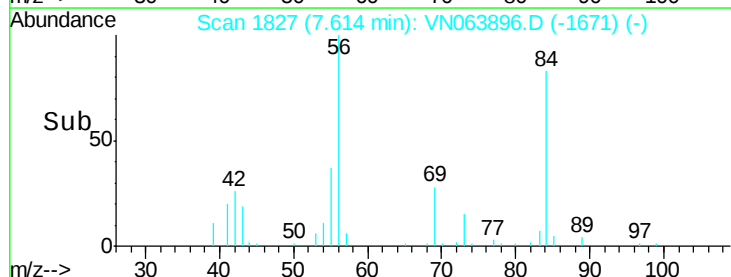
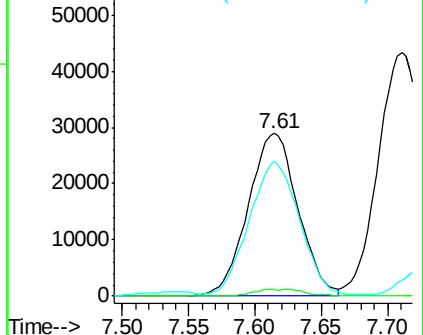
84 84.5 65.0 97.4

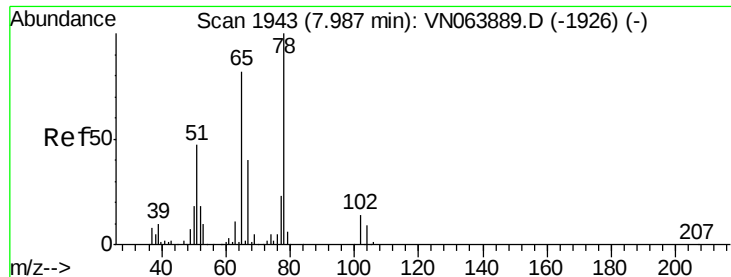


Abundance Ion 56.00 (55.70 to 56.70): VN063889.D (-1809) (-)

Ion 89.00 (88.70 to 89.70): VN063889.D (-1809) (-)

Ion 84.00 (83.70 to 84.70): VN063889.D (-1809) (-)





#27

1,2-Dichloroethane-d4

Concen: 29.588 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063896.D

Acq: 6 Oct 2020 16:01

Instrument :

MSVOA_N

ClientSampleId :

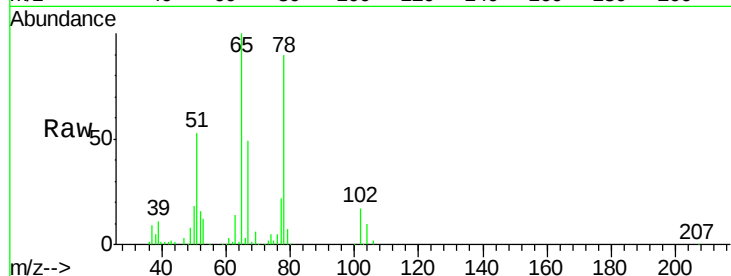
VN1006WBS01

Tgt Ion: 65 Resp: 146945

Ion Ratio Lower Upper

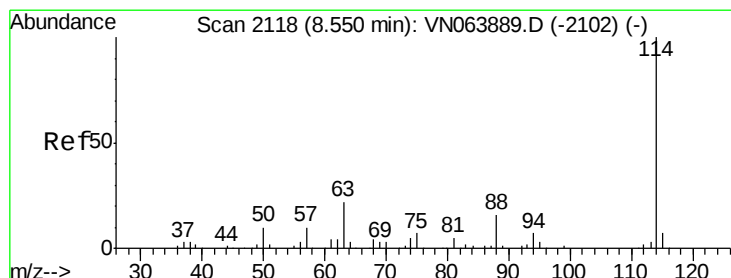
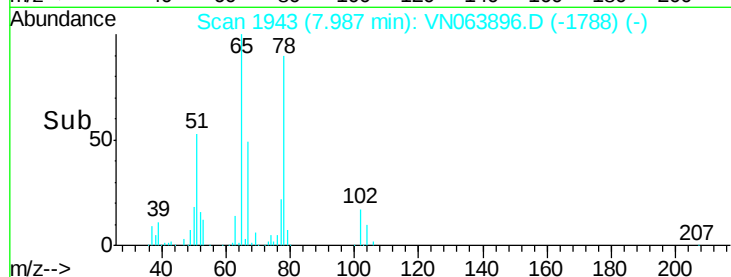
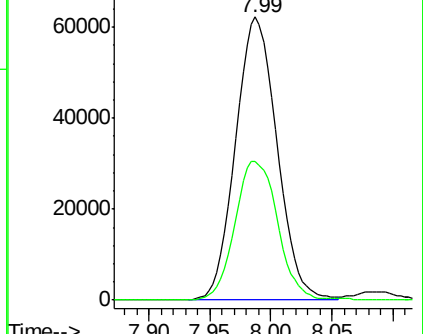
65 100

67 50.3 43.8 65.6



Abundance Ion 65.00 (64.70 to 65.70): VN063889.D (-1926) (-)

Ion 67.00 (66.70 to 67.70): VN063889.D (-1926) (-)



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN063896.D

Acq: 6 Oct 2020 16:01

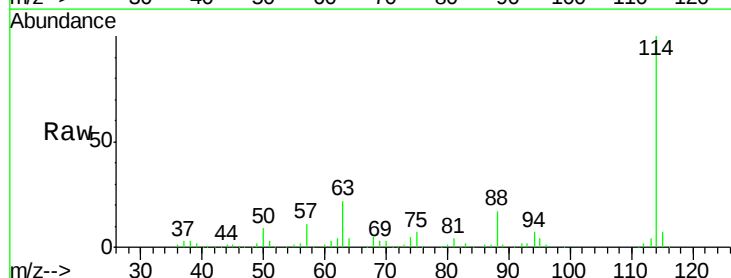
Tgt Ion: 114 Resp: 292792

Ion Ratio Lower Upper

114 100

63 22.6 17.0 25.6

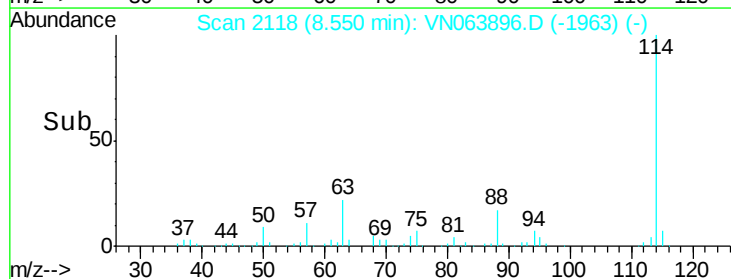
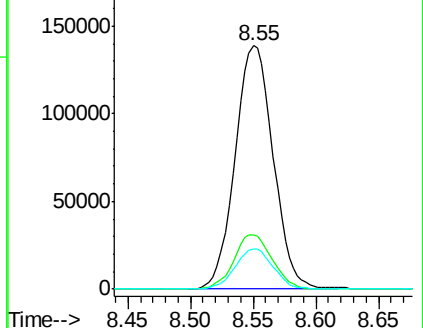
88 16.6 12.6 18.8

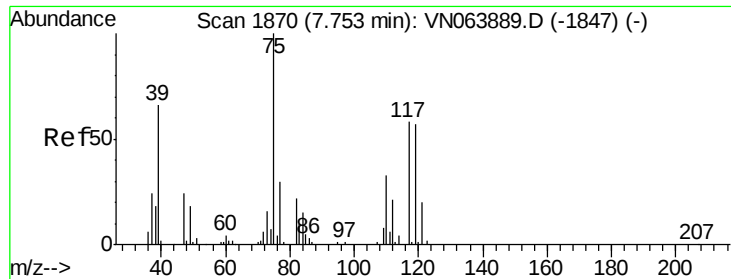


Abundance Ion 114.00 (113.70 to 114.70): VN063889.D (-2102) (-)

Ion 63.00 (62.70 to 63.70): VN063889.D (-2102) (-)

Ion 88.00 (87.70 to 88.70): VN063889.D (-2102) (-)

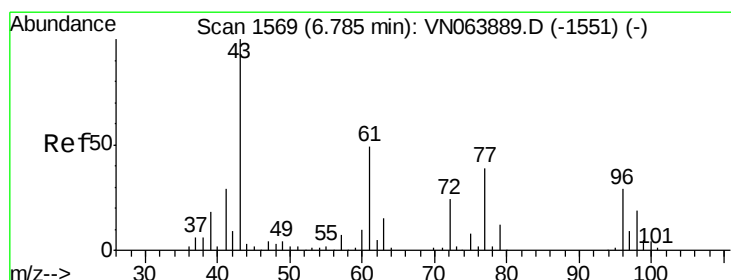
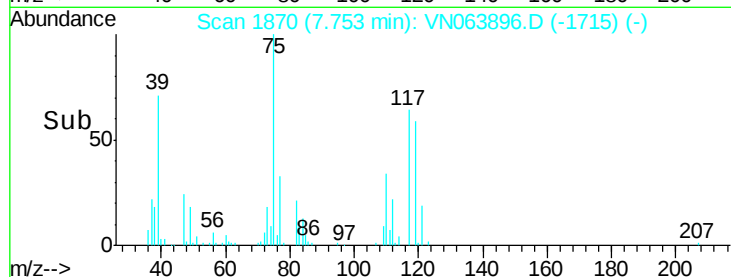
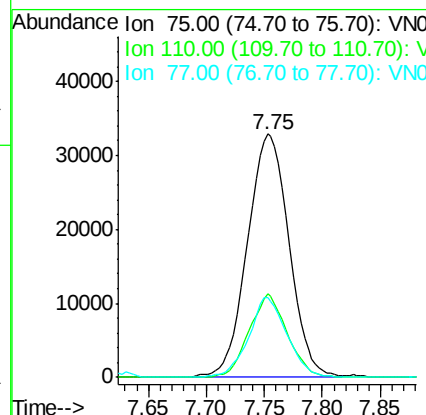
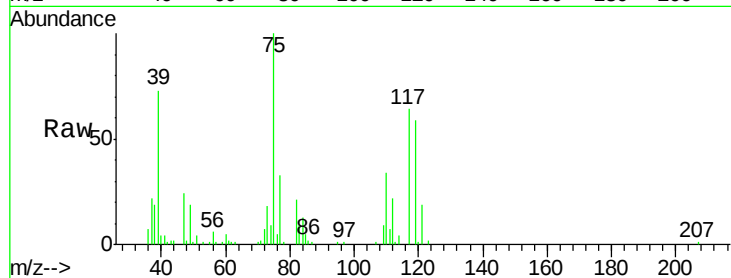




#29
 1,1-Dichloropropene
 Concen: 16.047 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN063896.D
 Acq: 6 Oct 2020 16:01

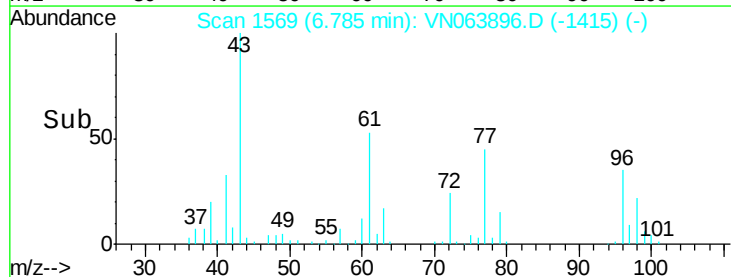
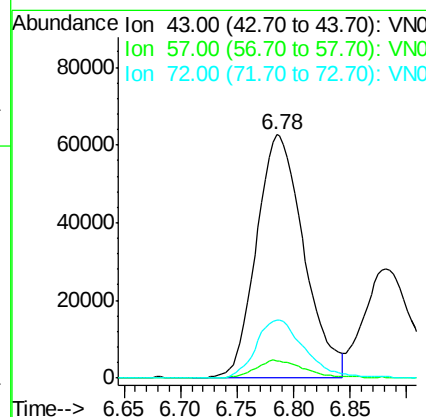
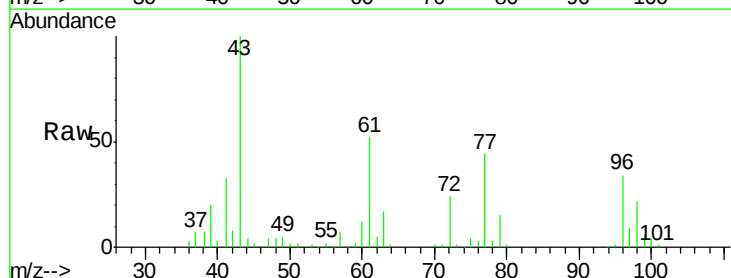
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1006WBS01

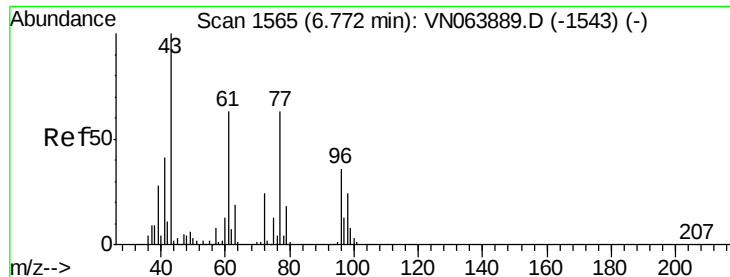
Tgt Ion: 75 Resp: 82279
 Ion Ratio Lower Upper
 75 100
 110 31.3 0.0 70.6
 77 30.2 0.0 60.2



#30
 2-Butanone
 Concen: 72.012 ug/l
 RT: 6.78 min Scan# 1569
 Delta R.T. -0.00 min
 Lab File: VN063896.D
 Acq: 6 Oct 2020 16:01

Tgt Ion: 43 Resp: 181100
 Ion Ratio Lower Upper
 43 100
 57 7.5 6.6 9.8
 72 24.7 21.3 31.9





#31

2,2-Dichloropropane

Concen: 16.288 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN063896.D

Acq: 6 Oct 2020 16:01

Instrument :

MSVOA_N

ClientSampleId :

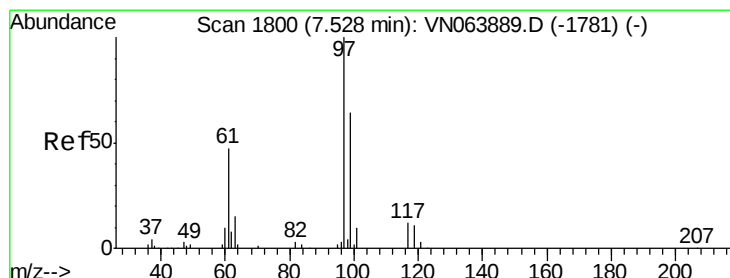
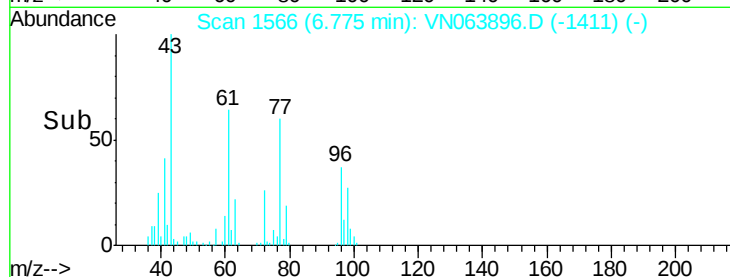
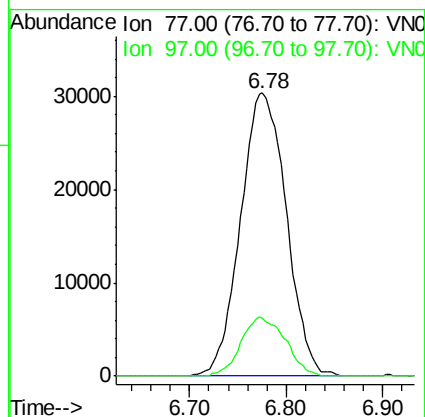
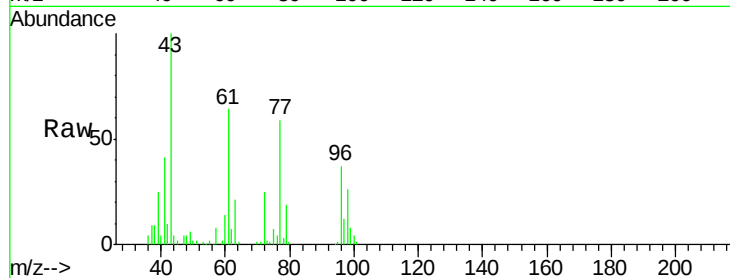
VN1006WBS01

Tgt Ion: 77 Resp: 99807

Ion Ratio Lower Upper

77 100

97 20.2 18.2 27.4



#32

1,1,1-Trichloroethane

Concen: 16.191 ug/l

RT: 7.53 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN063896.D

Acq: 6 Oct 2020 16:01

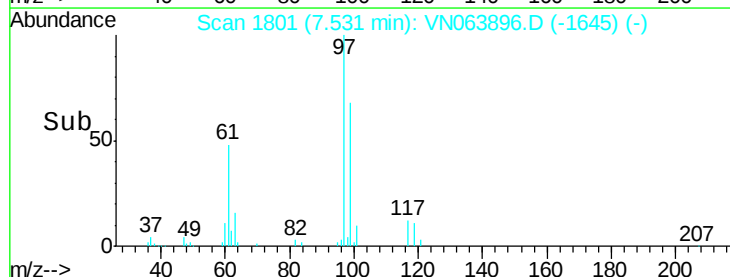
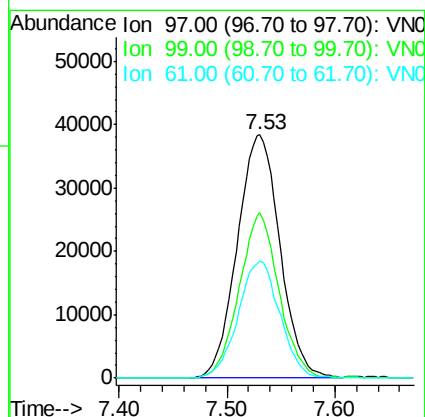
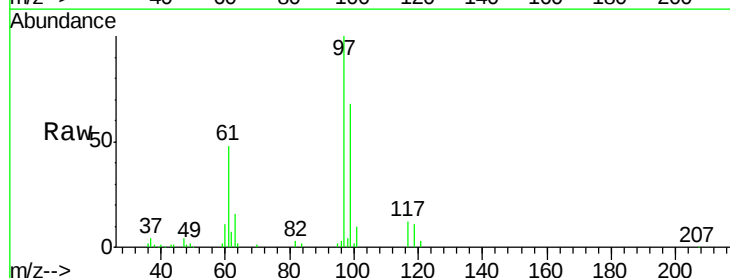
Tgt Ion: 97 Resp: 105907

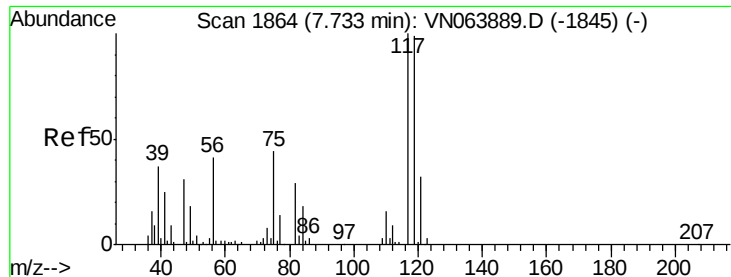
Ion Ratio Lower Upper

97 100

99 62.8 51.7 77.5

61 46.7 35.3 52.9

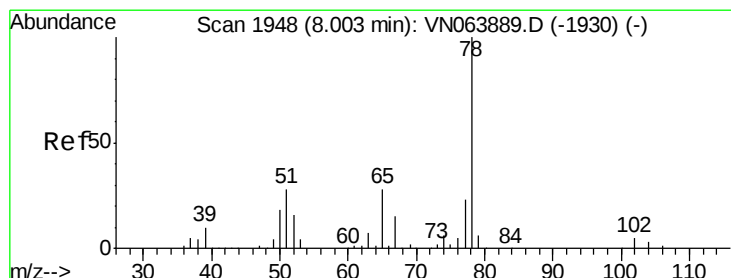
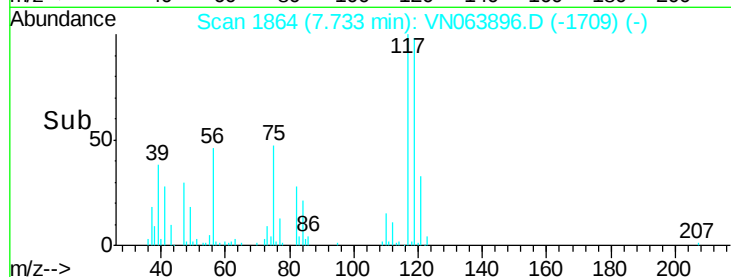
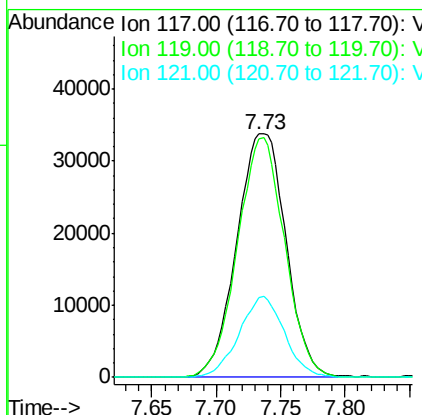
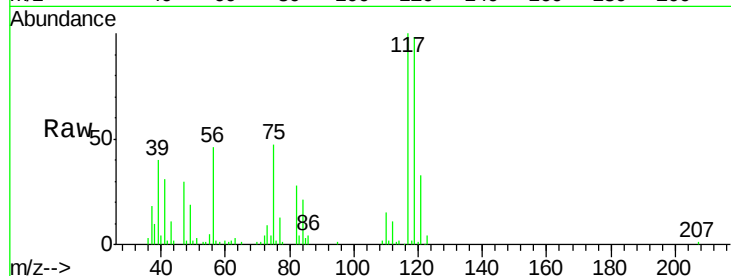




#33
Carbon Tetrachloride
Concen: 15.704 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN063896.D
Acq: 6 Oct 2020 16:01

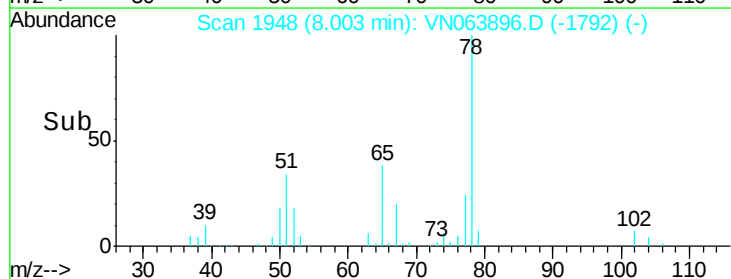
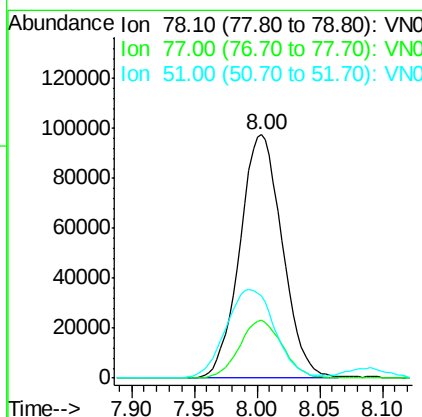
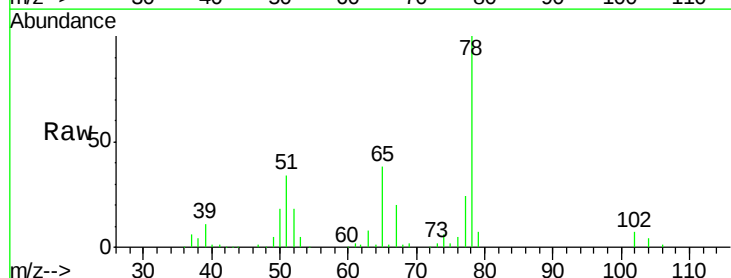
Instrument :
MSVOA_N
ClientSampled :
VN1006WBS01

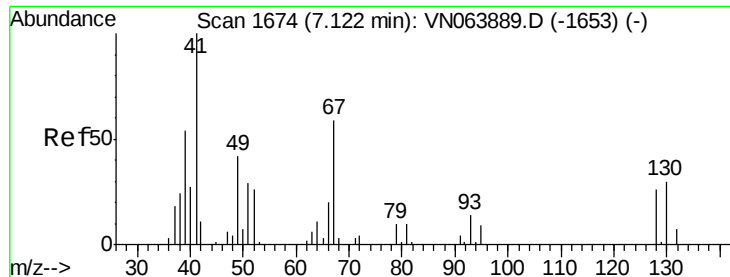
Tgt Ion:117 Resp: 90001
Ion Ratio Lower Upper
117 100
119 97.8 73.0 109.4
121 32.5 24.9 37.3



#34
Benzene
Concen: 15.747 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063896.D
Acq: 6 Oct 2020 16:01

Tgt Ion: 78 Resp: 229558
Ion Ratio Lower Upper
78 100
77 23.8 18.6 27.8
51 33.1 22.2 33.2

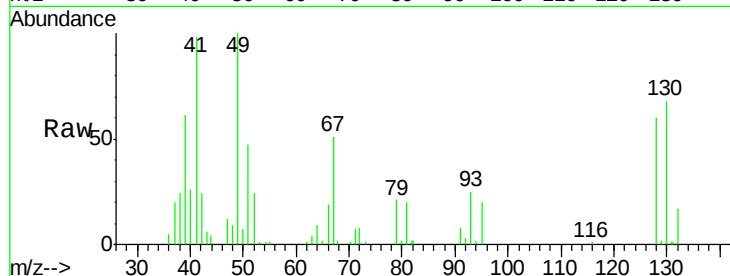




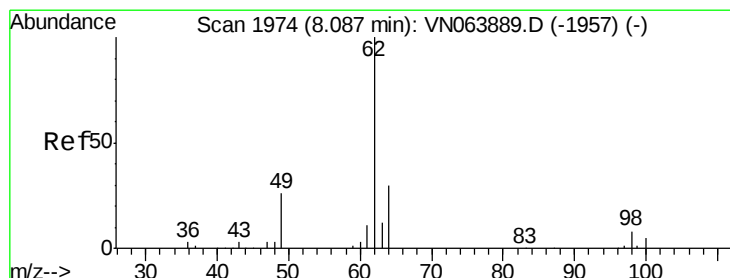
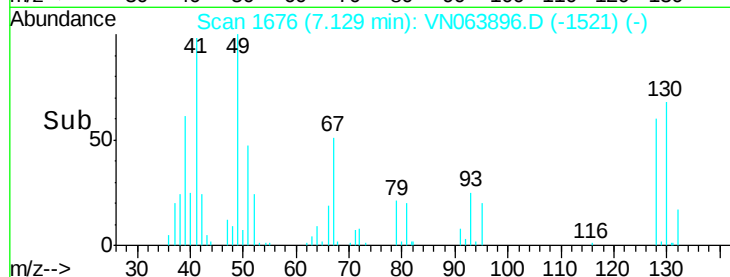
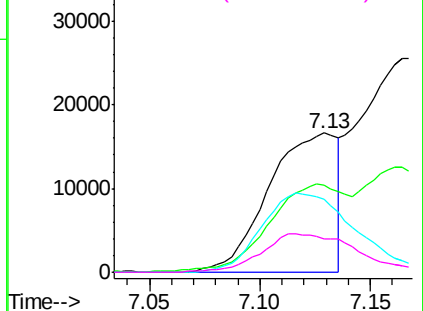
#35
Methacrylonitrile
Concen: 15.060 ug/l
RT: 7.13 min Scan# 1676
Delta R.T. -0.00 min
Lab File: VN063896.D
Acq: 6 Oct 2020 16:01

Instrument :
MSVOA_N
ClientSampleId :
VN1006WBS01

Tgt Ion: 41 Resp: 35997
Ion Ratio Lower Upper
41 100
39 60.3 23.7 71.1
67 52.3 31.6 94.7
52 23.4 13.1 39.3

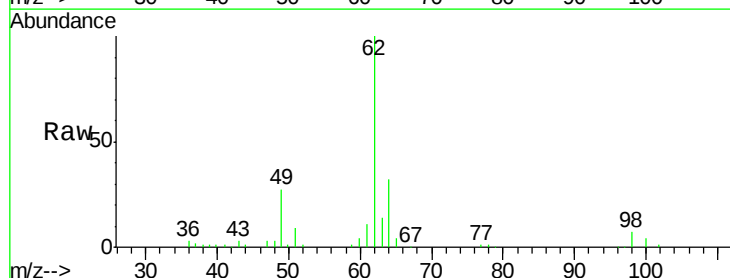


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

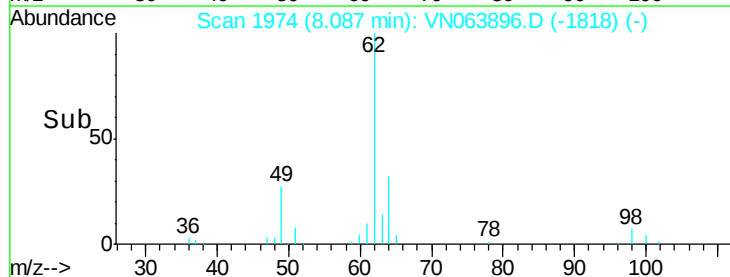
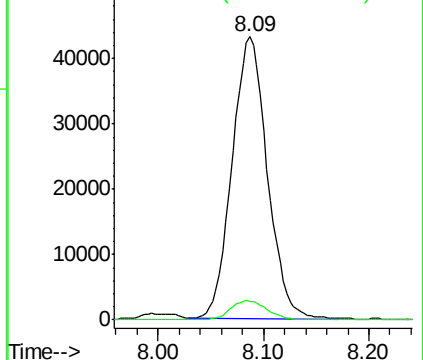


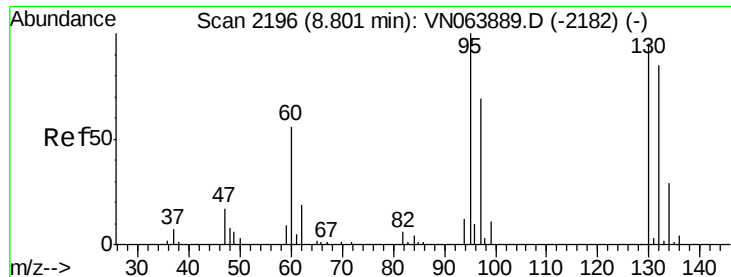
#36
1,2-Dichloroethane
Concen: 15.677 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN063896.D
Acq: 6 Oct 2020 16:01

Tgt Ion: 62 Resp: 100417
Ion Ratio Lower Upper
62 100
98 7.0 7.6 11.4#



Abundance Ion 62.00 (61.70 to 62.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

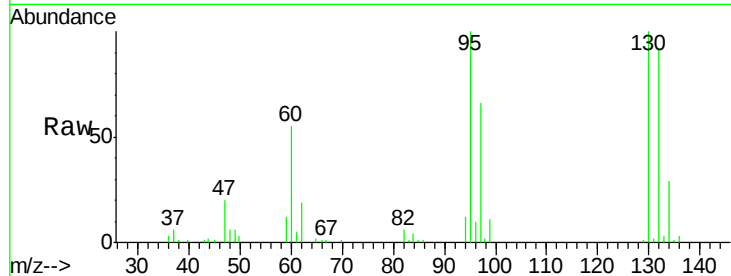




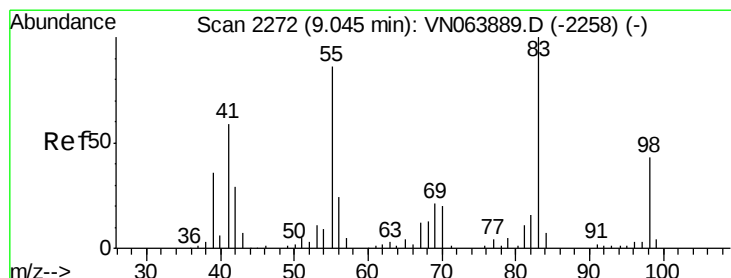
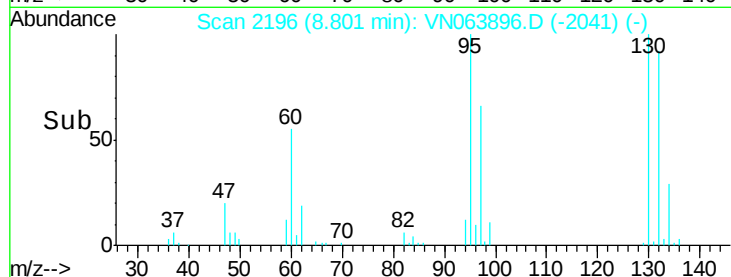
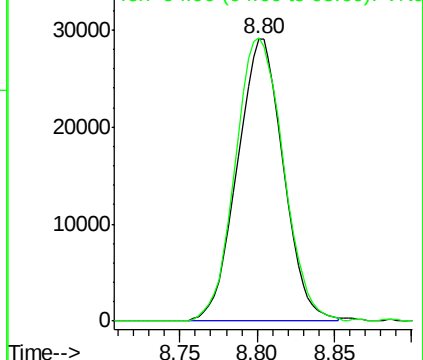
#37
 Trichloroethene
 Concen: 15.728 ug/l
 RT: 8.80 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: VN063896.D
 Acq: 6 Oct 2020 16:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1006WBS01

Tgt Ion:130 Resp: 60075
 Ion Ratio Lower Upper
 130 100
 95 100.3 78.9 118.3

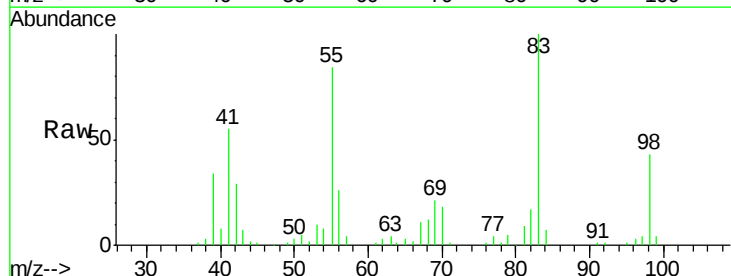


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VN

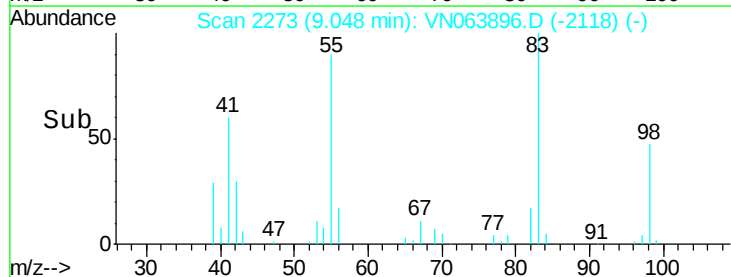
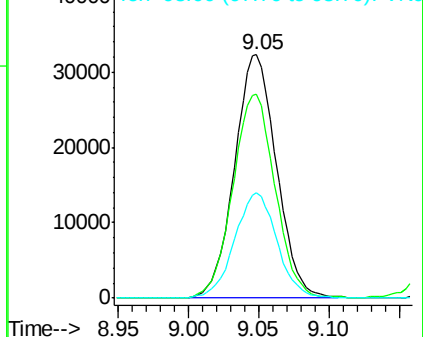


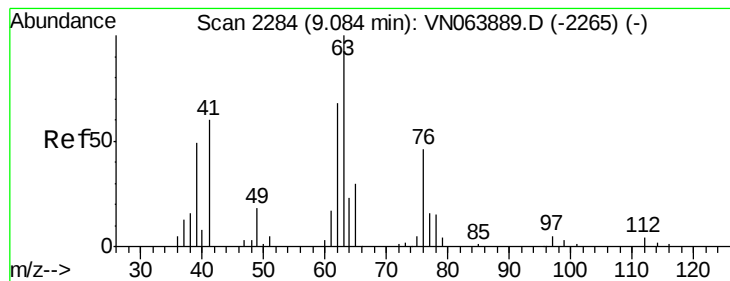
#38
 Methylcyclohexane
 Concen: 15.553 ug/l
 RT: 9.05 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN063896.D
 Acq: 6 Oct 2020 16:01

Tgt Ion: 83 Resp: 67333
 Ion Ratio Lower Upper
 83 100
 55 84.1 41.9 125.7
 98 43.7 22.2 66.6



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





#39

1,2-Dichloropropane

Concen: 15.582 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN063896.D

Acq: 6 Oct 2020 16:01

Instrument :

MSVOA_N

ClientSampleId :

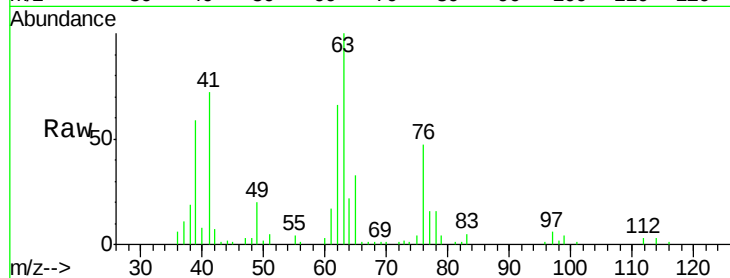
VN1006WBS01

Tgt Ion: 63 Resp: 61721

Ion Ratio Lower Upper

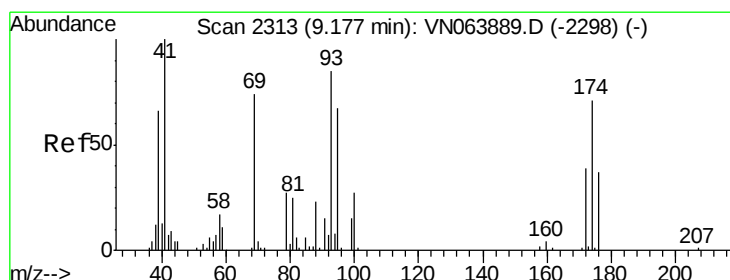
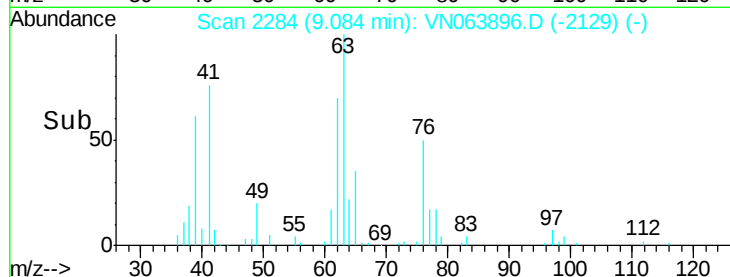
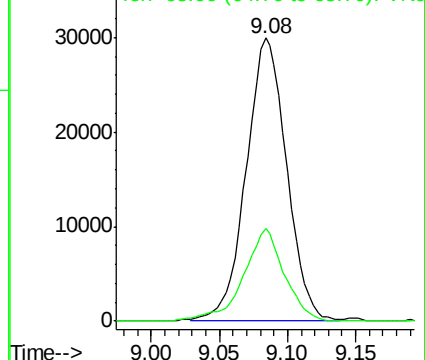
63 100

65 32.8 25.1 37.7



Abundance Ion 63.00 (62.70 to 63.70): VN0

Ion 65.00 (64.70 to 65.70): VN0



#40

Dibromomethane

Concen: 15.883 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN063896.D

Acq: 6 Oct 2020 16:01

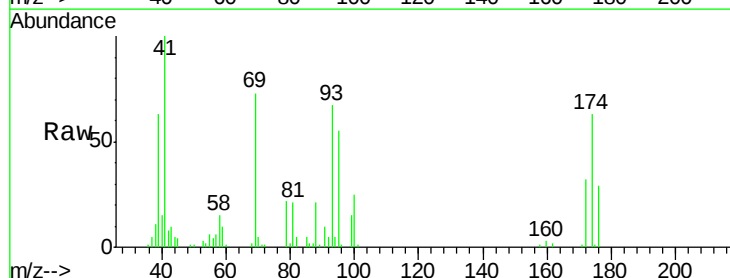
Tgt Ion: 93 Resp: 43939

Ion Ratio Lower Upper

93 100

95 79.2 0.0 168.2

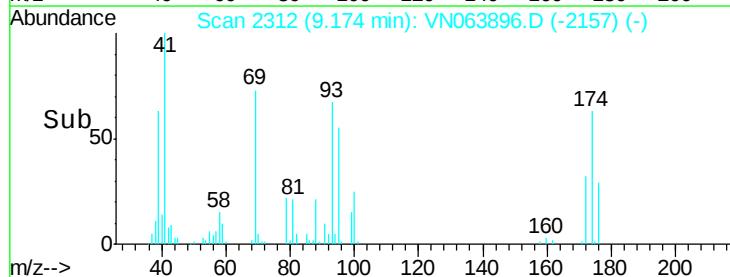
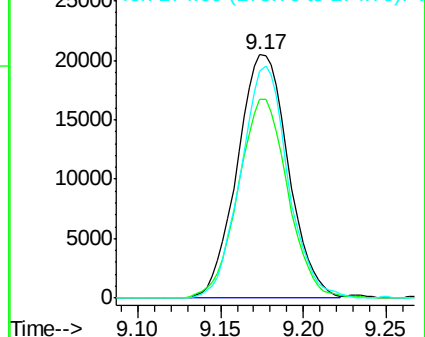
174 88.0 0.0 208.4

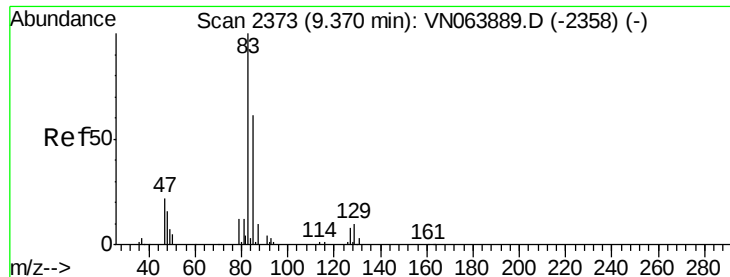


Abundance Ion 93.00 (92.70 to 93.70): VN0

Ion 95.00 (94.70 to 95.70): VN0

Ion 174.00 (173.70 to 174.70): V





#41

Bromodichloromethane

Concen: 15.396 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN063896.D

Acq: 6 Oct 2020 16:01

Instrument :

MSVOA_N

ClientSampleId :

VN1006WBS01

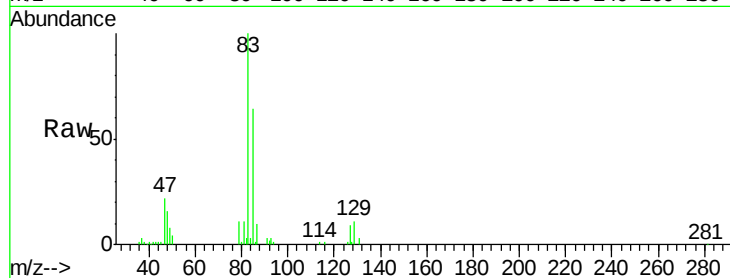
Tgt Ion: 83 Resp: 88526

Ion Ratio Lower Upper

83 100

85 63.7 52.6 79.0

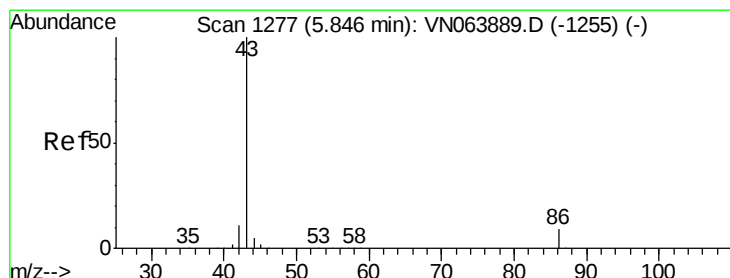
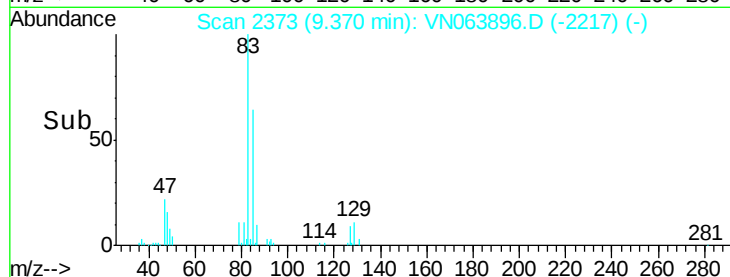
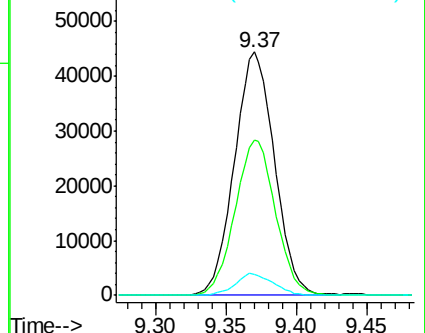
127 8.6 7.4 11.0



Abundance Ion 83.00 (82.70 to 83.70): VN063896.D (-2217) (-)

Ion 85.00 (84.70 to 85.70): VN063896.D (-2217) (-)

Ion 127.00 (126.70 to 127.70): VN063896.D (-2217) (-)



#42

Vinyl Acetate

Concen: 77.154 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. -0.00 min

Lab File: VN063896.D

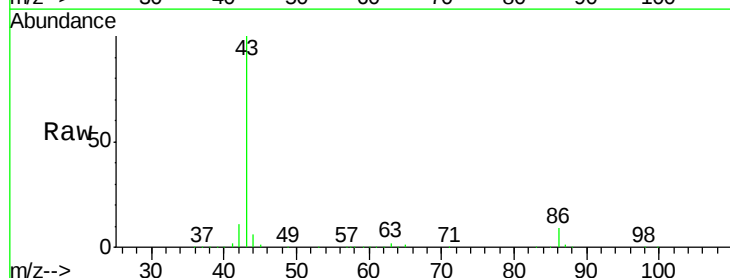
Acq: 6 Oct 2020 16:01

Tgt Ion: 43 Resp: 805280

Ion Ratio Lower Upper

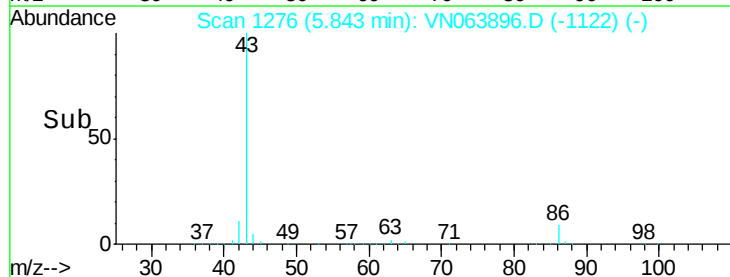
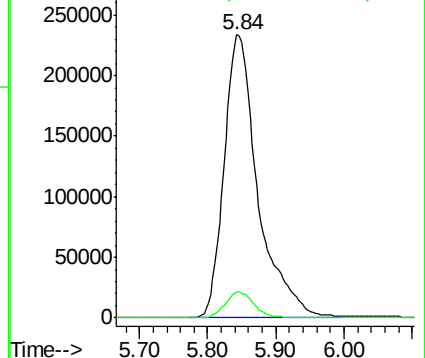
43 100

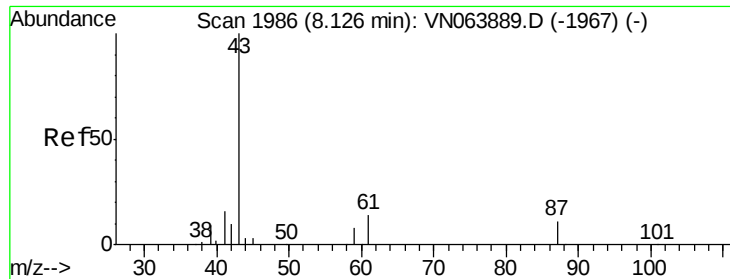
86 7.8 6.7 10.1



Abundance Ion 43.00 (42.70 to 43.70): VN063896.D (-1122) (-)

Ion 86.00 (85.70 to 86.70): VN063896.D (-1122) (-)





#44

Isopropyl Acetate

Concen: 15.254 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN063896.D

Acq: 6 Oct 2020 16:01

Instrument :

MSVOA_N

ClientSampleId :

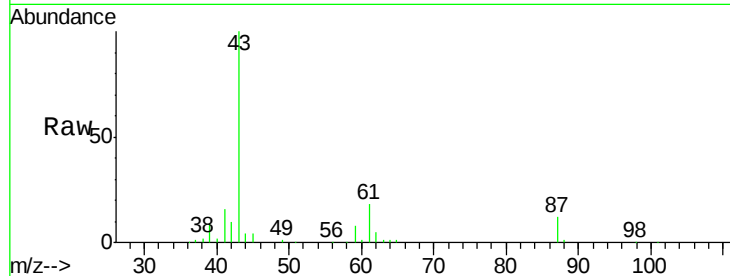
VN1006WBS01

Tgt Ion: 43 Resp: 136145

Ion Ratio Lower Upper

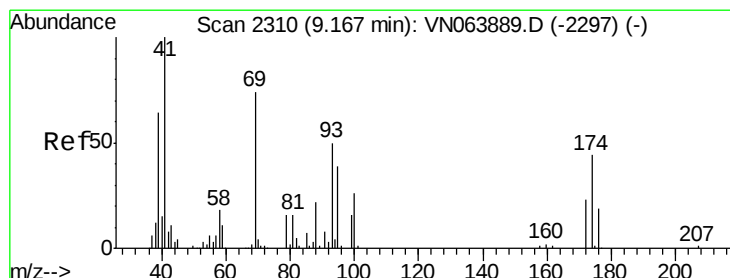
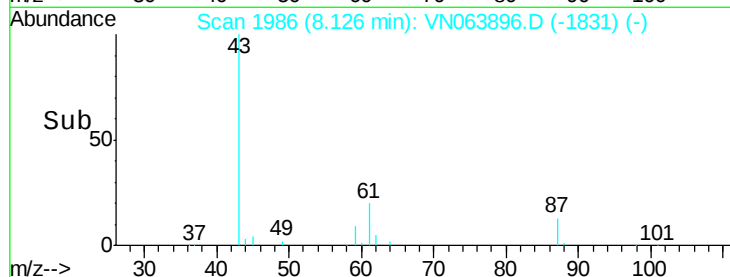
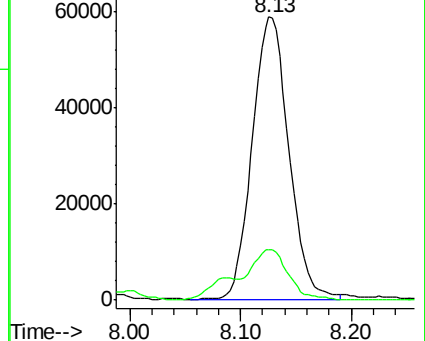
43 100

61 17.9 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VN063889.D (-1967) (-)

Ion 61.00 (60.70 to 61.70): VN063889.D (-1967) (-)



#45

1,4-Dioxane

Concen: 269.926 ug/l

RT: 9.16 min Scan# 2308

Delta R.T. -0.01 min

Lab File: VN063896.D

Acq: 6 Oct 2020 16:01

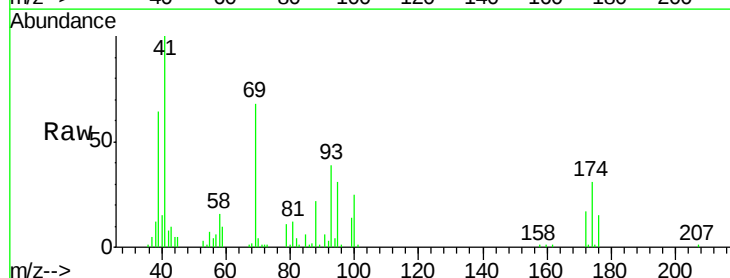
Tgt Ion: 88 Resp: 15446

Ion Ratio Lower Upper

88 100

43 40.7 28.5 42.7

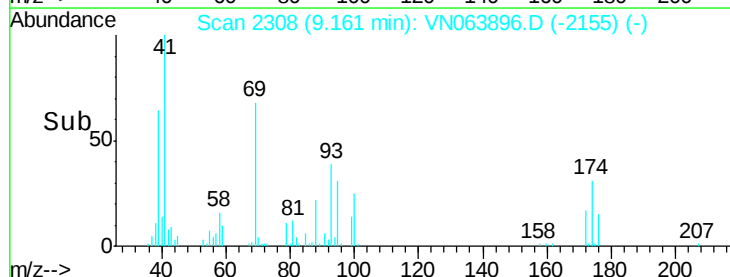
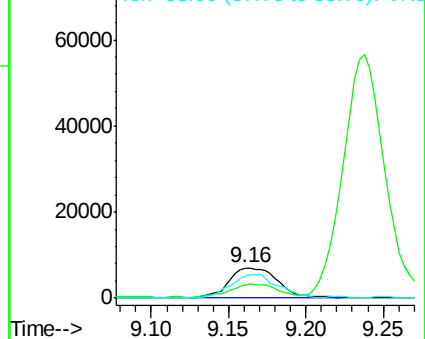
58 75.0 59.6 89.4

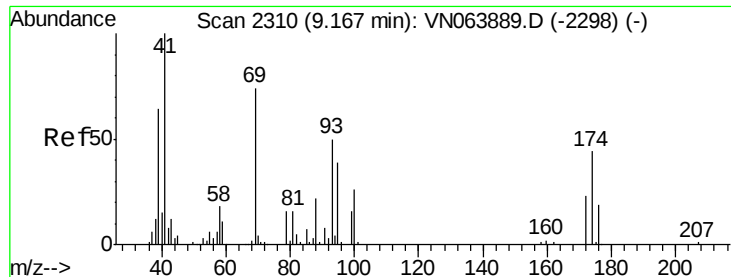


Abundance Ion 88.00 (87.70 to 88.70): VN063889.D (-2297) (-)

Ion 43.00 (42.70 to 43.70): VN063889.D (-2297) (-)

Ion 58.00 (57.70 to 58.70): VN063889.D (-2297) (-)

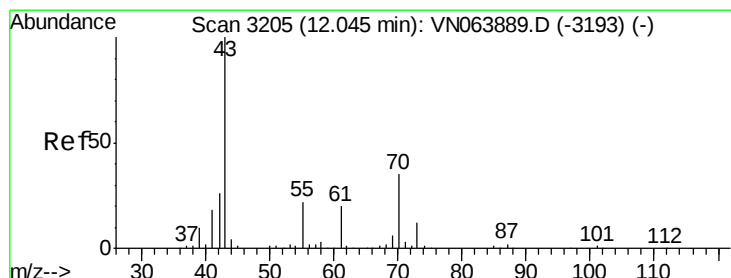
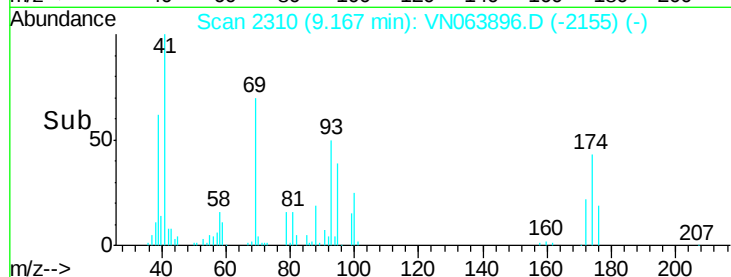
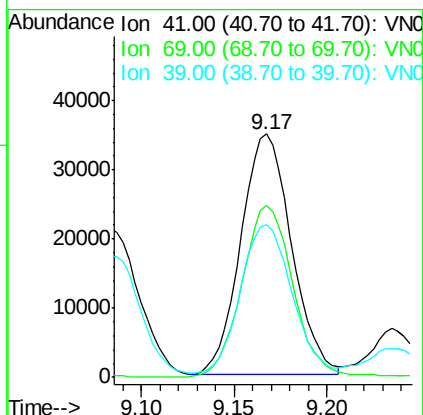
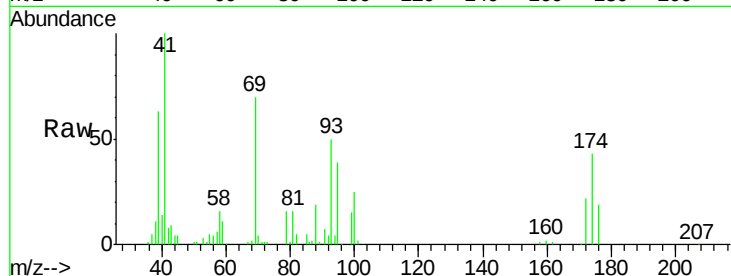




#46
Methyl methacrylate
Concen: 14.936 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN063896.D
Acq: 6 Oct 2020 16:01

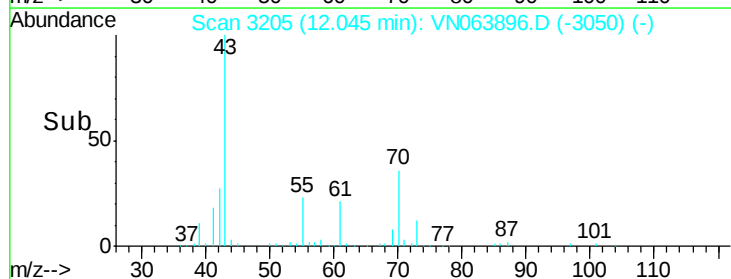
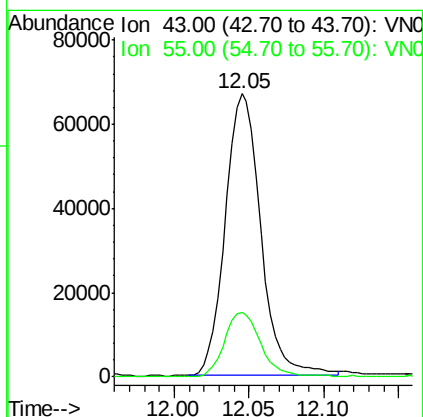
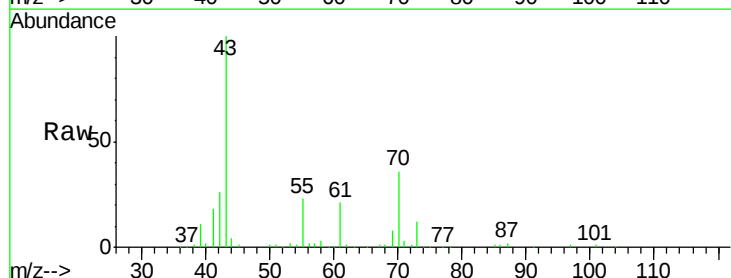
Instrument :
MSVOA_N
ClientSampleId :
VN1006WBS01

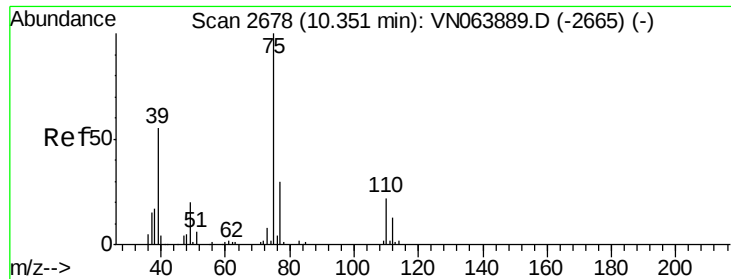
Tgt Ion: 41 Resp: 66324
Ion Ratio Lower Upper
41 100
69 71.3 42.6 128.0
39 61.6 25.1 75.4



#47
n-ethyl acetate
Concen: 13.953 ug/l
RT: 12.05 min Scan# 3205
Delta R.T. -0.00 min
Lab File: VN063896.D
Acq: 6 Oct 2020 16:01

Tgt Ion: 43 Resp: 110727
Ion Ratio Lower Upper
43 100
55 23.1 21.2 31.8

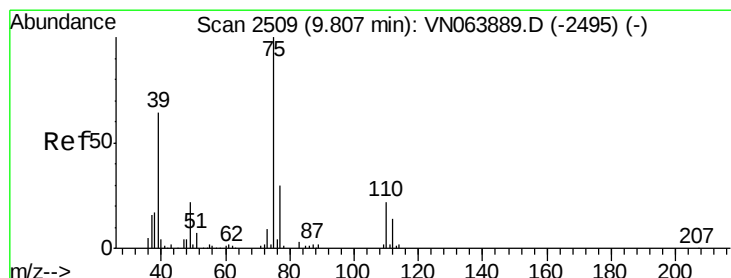
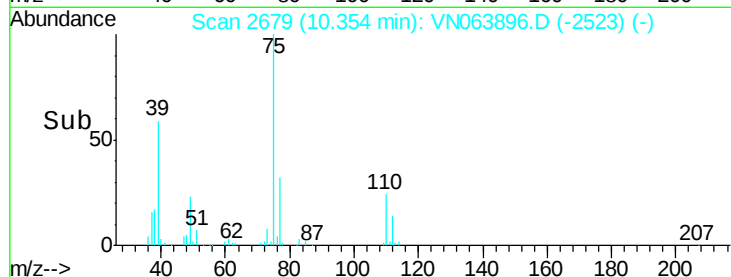
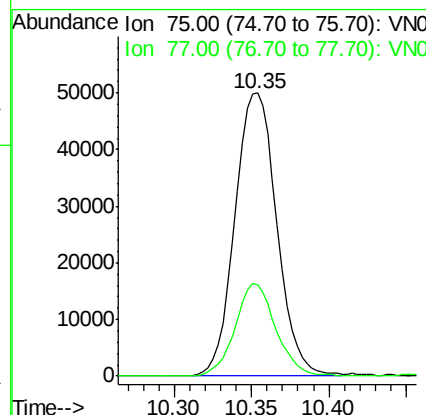
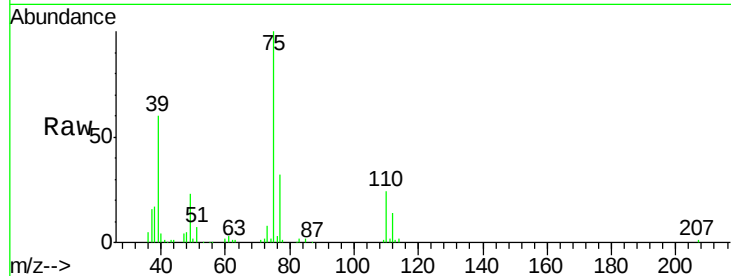




#48
 t-1,3-Dichloropropene
 Concen: 15.144 ug/l
 RT: 10.35 min Scan# 2679
 Delta R.T. 0.00 min
 Lab File: VN063896.D
 Acq: 6 Oct 2020 16:01

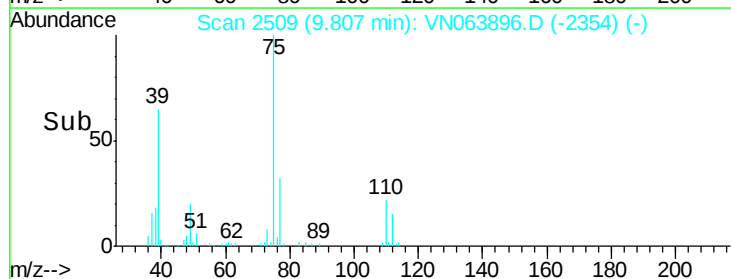
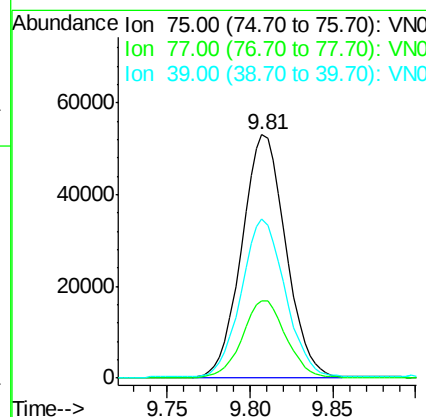
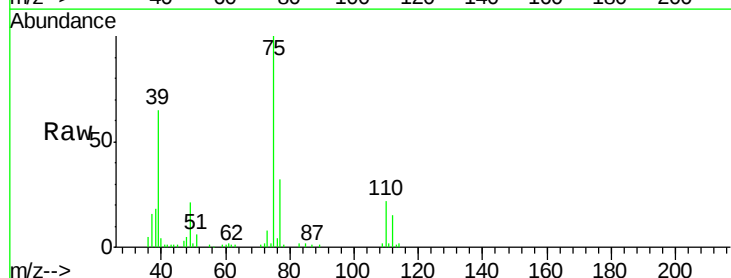
Instrument :
 MSVOA_N
 ClientSampled :
 VN1006WBS01

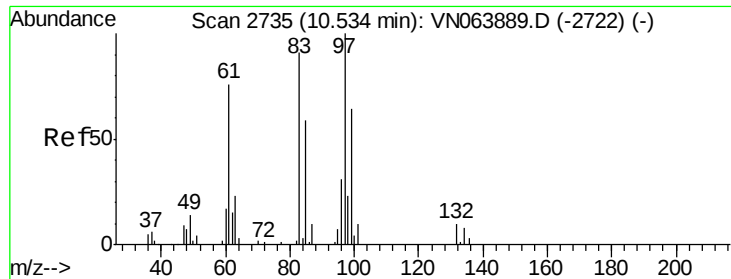
Tgt Ion: 75 Resp: 94095
 Ion Ratio Lower Upper
 75 100
 77 32.2 23.8 35.8



#49
 cis-1,3-Dichloropropene
 Concen: 15.262 ug/l
 RT: 9.81 min Scan# 2509
 Delta R.T. -0.00 min
 Lab File: VN063896.D
 Acq: 6 Oct 2020 16:01

Tgt Ion: 75 Resp: 98338
 Ion Ratio Lower Upper
 75 100
 77 31.8 24.8 37.2
 39 64.7 34.5 51.7#

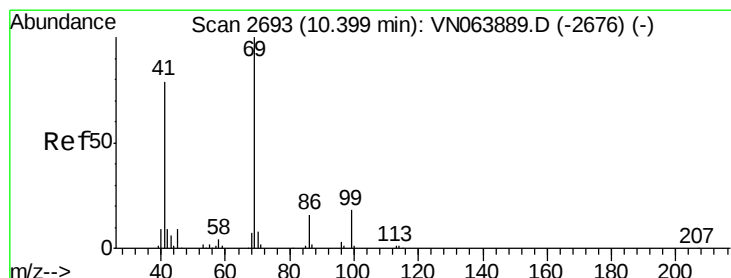
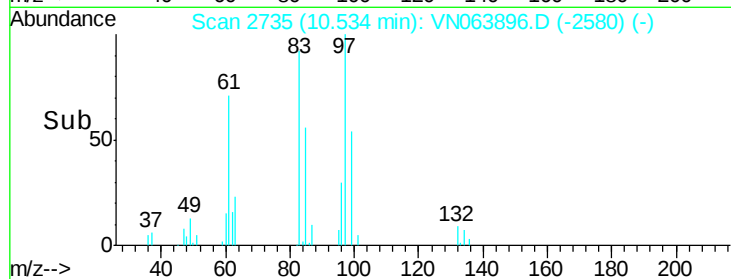
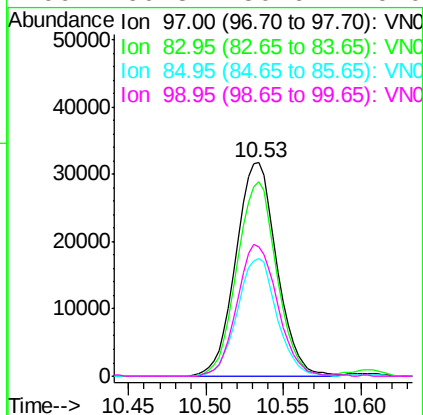
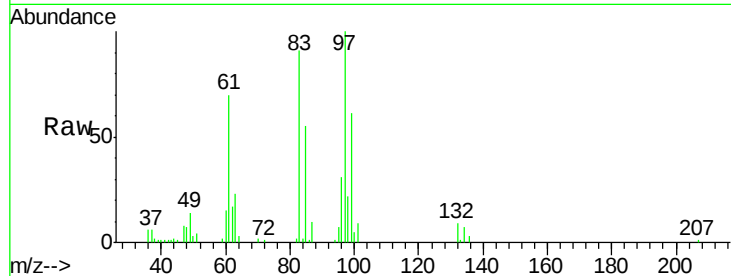




#50
 1,1,2-Trichloroethane
 Concen: 15.863 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. -0.00 min
 Lab File: VN063896.D
 Acq: 6 Oct 2020 16:01

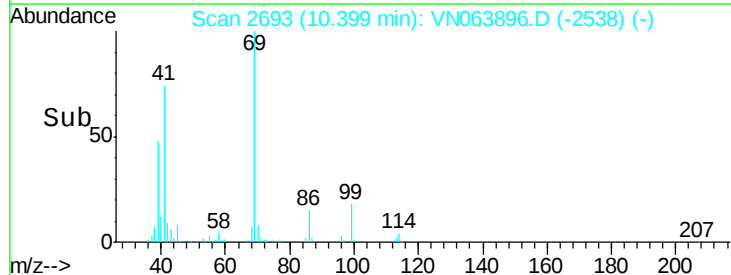
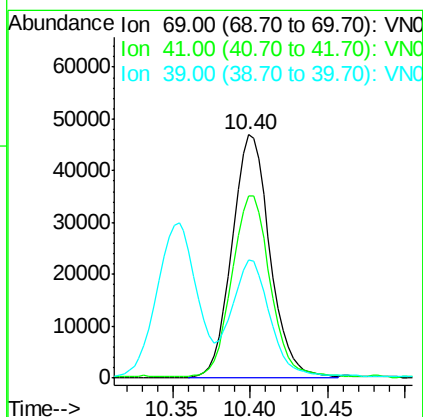
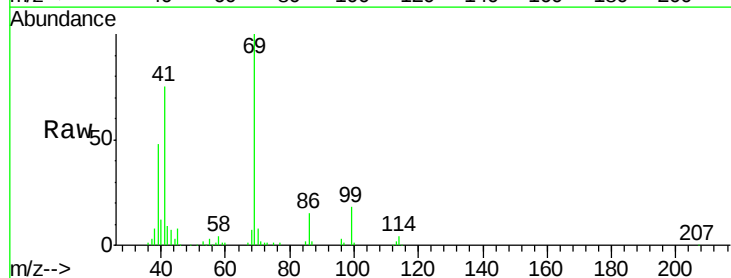
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1006WBS01

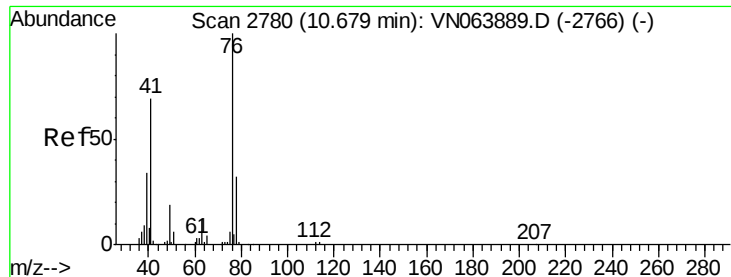
Tgt Ion:	97	Resp:	58601
Ion	Ratio	Lower	Upper
97	100		
83	90.9	69.9	104.9
85	55.1	44.0	66.0
99	60.8	50.6	76.0



#51
 Ethyl methacrylate
 Concen: 14.950 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN063896.D
 Acq: 6 Oct 2020 16:01

Tgt Ion:	69	Resp:	80104
Ion	Ratio	Lower	Upper
69	100		
41	73.9	32.1	96.5
39	47.0	16.1	48.3





#52

1,3-Dichloropropane

Concen: 15.643 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. -0.00 min

Lab File: VN063896.D

Acq: 6 Oct 2020 16:01

Instrument :

MSVOA_N

ClientSampleId :

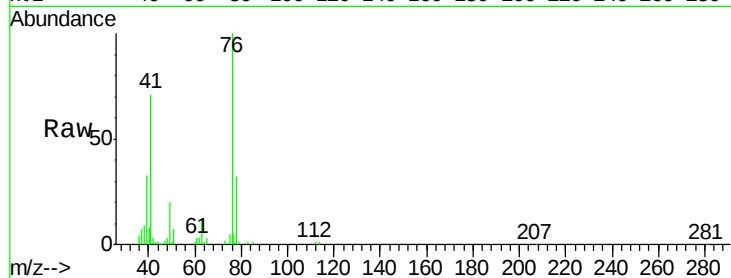
VN1006WBS01

Tgt Ion: 76 Resp: 98990

Ion Ratio Lower Upper

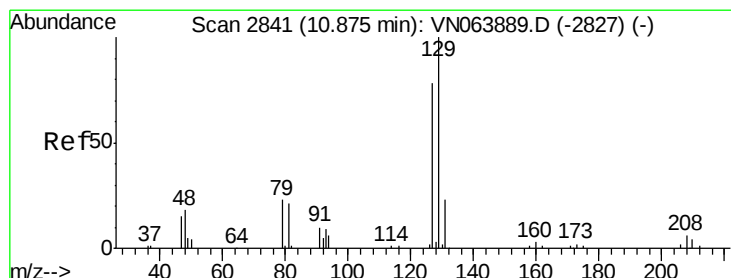
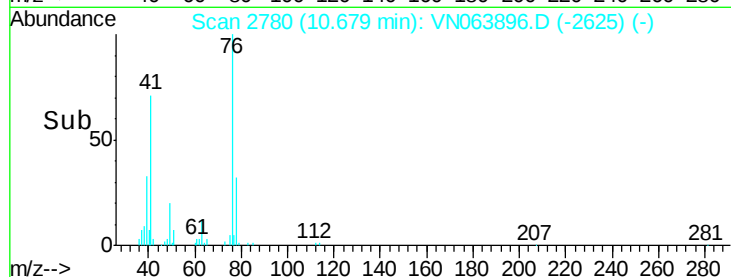
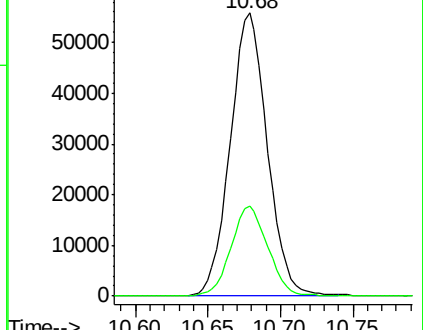
76 100

78 31.4 0.0 63.2



Abundance Ion 76.00 (75.70 to 76.70): VN063889.D (-2766) (-)

Ion 78.00 (77.70 to 78.70): VN063889.D (-2766) (-)



#53

Dibromochloromethane

Concen: 15.371 ug/l

RT: 10.87 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VN063896.D

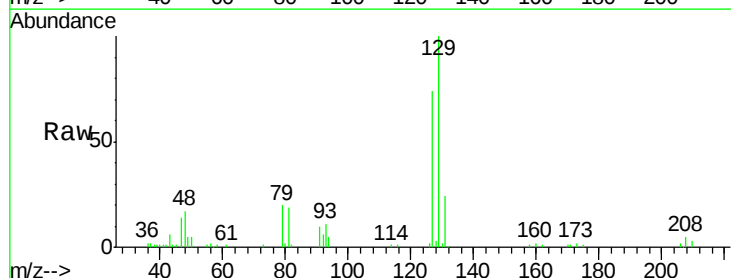
Acq: 6 Oct 2020 16:01

Tgt Ion: 129 Resp: 65353

Ion Ratio Lower Upper

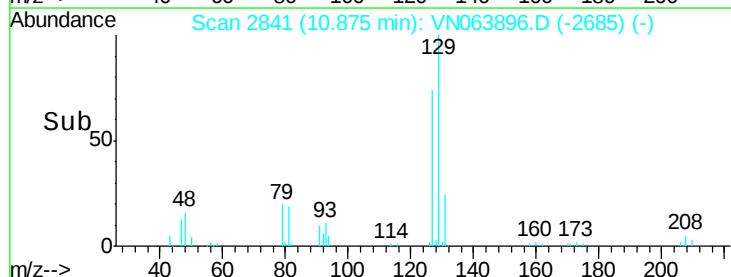
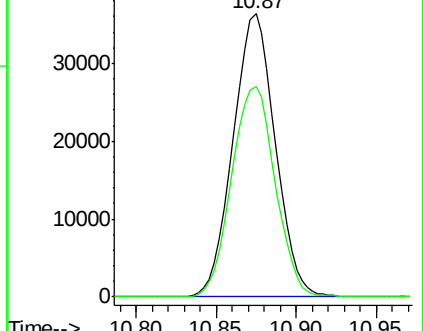
129 100

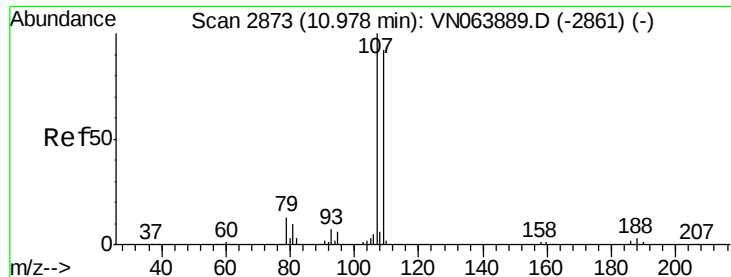
127 76.5 38.7 116.1



Abundance Ion 129.00 (128.70 to 129.70): VN063889.D (-2827) (-)

Ion 127.00 (126.70 to 127.70): VN063889.D (-2827) (-)

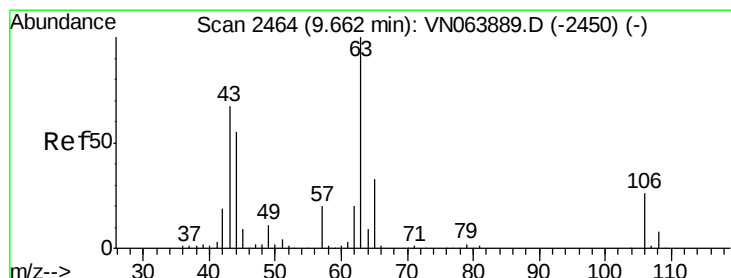
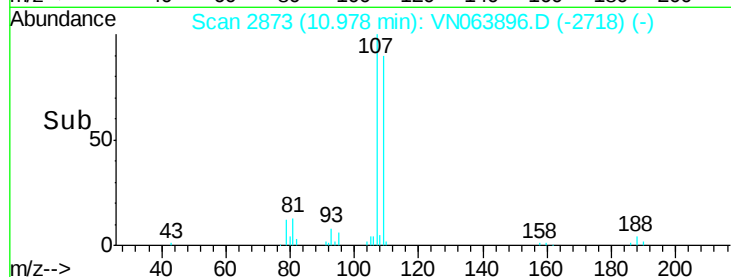
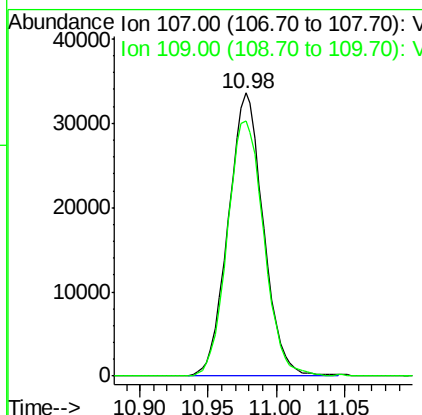
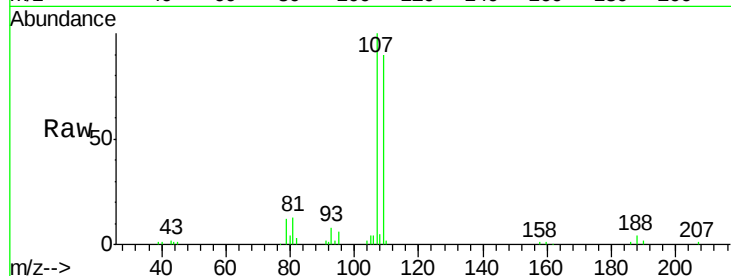




#54
 1,2-Dibromoethane
 Concen: 15.522 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: VN063896.D
 Acq: 6 Oct 2020 16:01

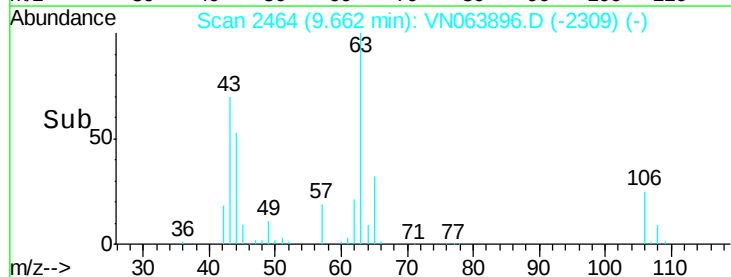
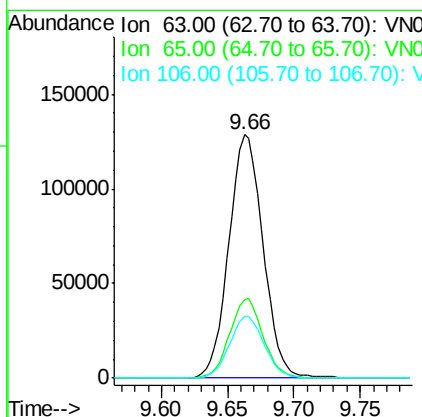
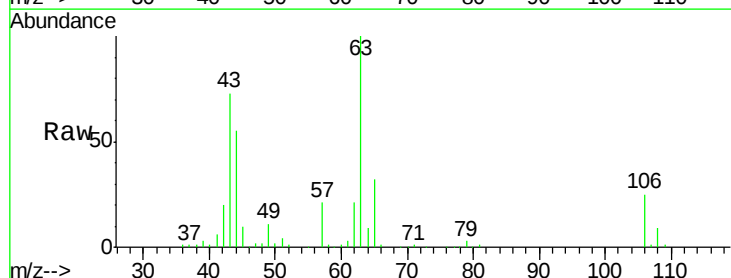
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1006WBS01

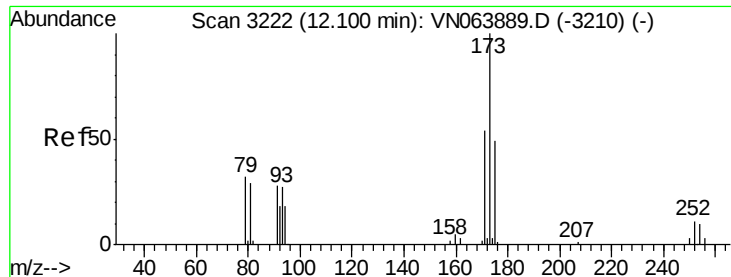
Tgt Ion: 107 Resp: 60120
 Ion Ratio Lower Upper
 107 100
 109 93.5 76.3 114.5



#55
 2-Chloroethyl vinyl ether
 Concen: 80.902 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: VN063896.D
 Acq: 6 Oct 2020 16:01

Tgt Ion: 63 Resp: 231327
 Ion Ratio Lower Upper
 63 100
 65 31.9 25.9 38.9
 106 25.6 19.9 29.9

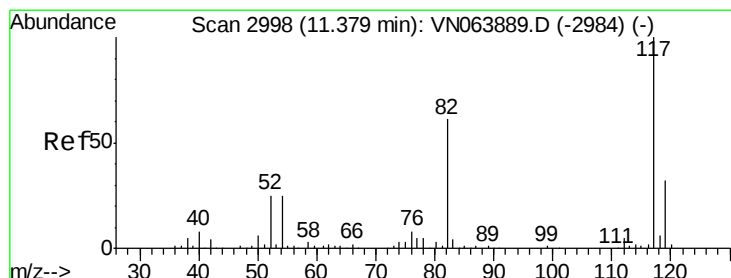
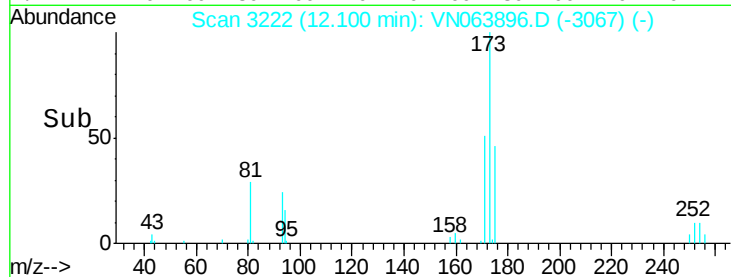
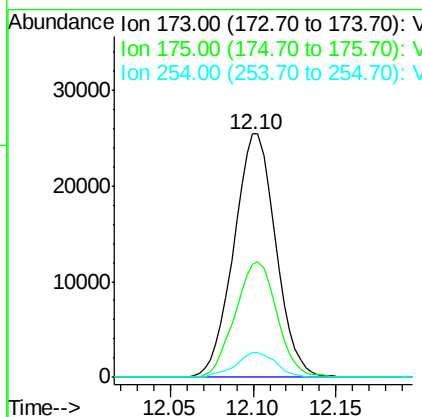
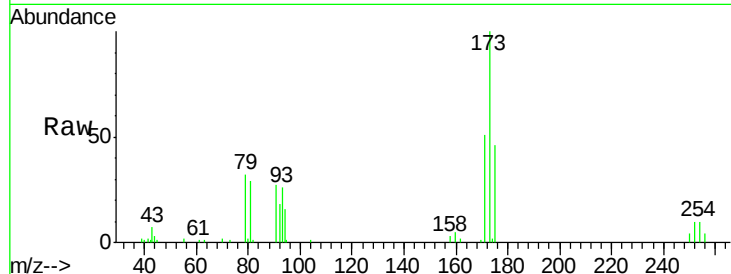




#56
Bromoform
Concen: 15.222 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN063896.D
Acq: 6 Oct 2020 16:01

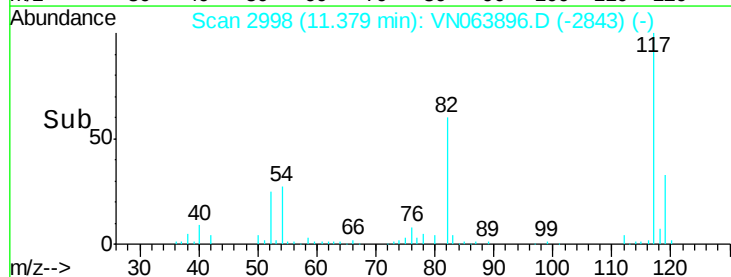
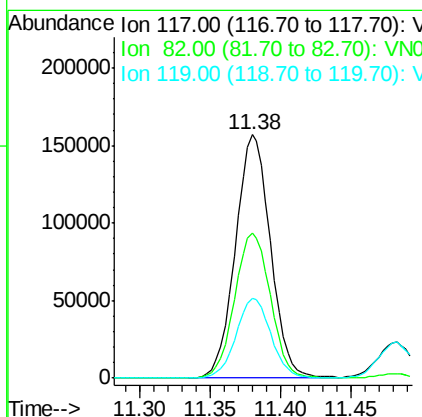
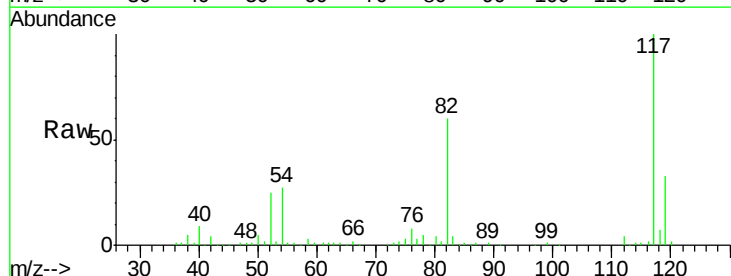
Instrument :
MSVOA_N
ClientSampleId :
VN1006WBS01

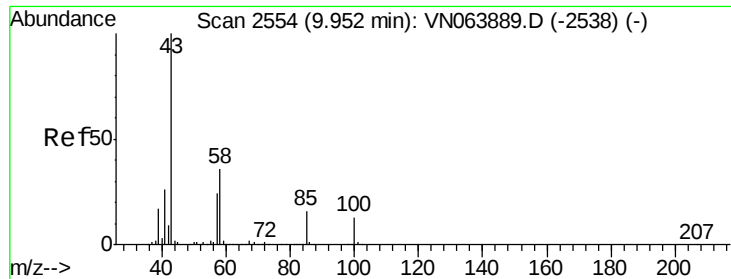
Tgt Ion:173 Resp: 44846
Ion Ratio Lower Upper
173 100
175 47.3 41.2 61.8
254 9.8 9.0 13.4



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063896.D
Acq: 6 Oct 2020 16:01

Tgt Ion:117 Resp: 273363
Ion Ratio Lower Upper
117 100
82 60.7 44.9 67.3
119 32.6 26.0 39.0

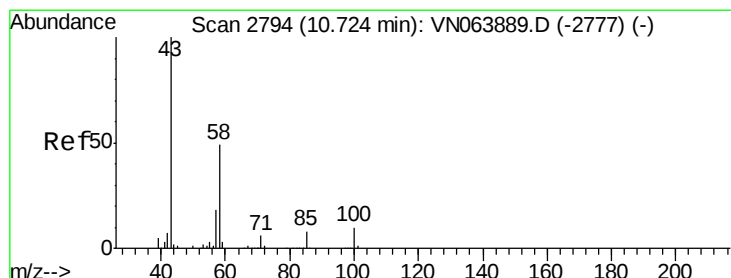
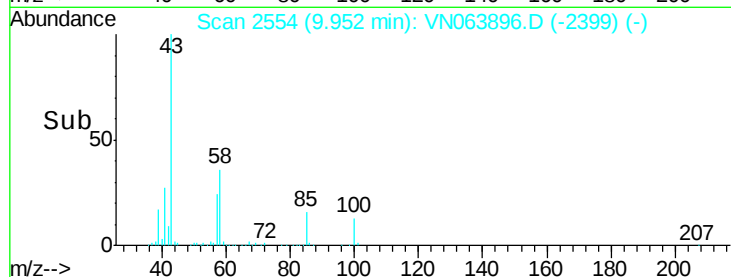
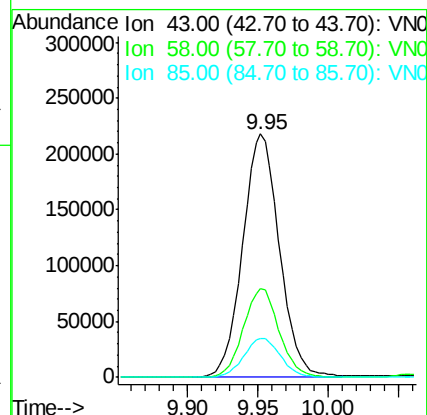
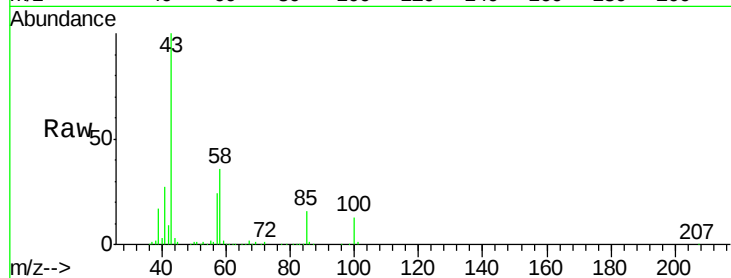




#58
 4-Methyl-2-Pentanone
 Concen: 74.906 ug/l
 RT: 9.95 min Scan# 2554
 Delta R.T. -0.00 min
 Lab File: VN063896.D
 Acq: 6 Oct 2020 16:01

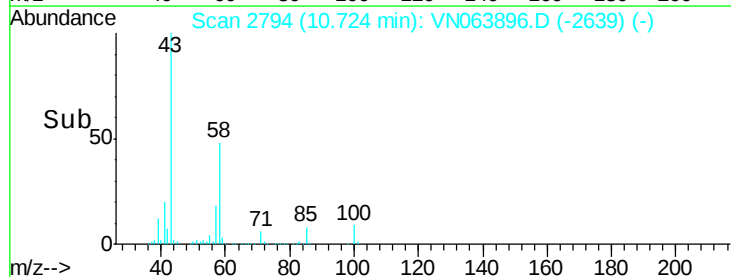
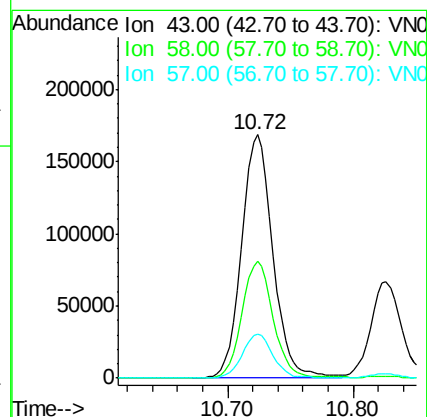
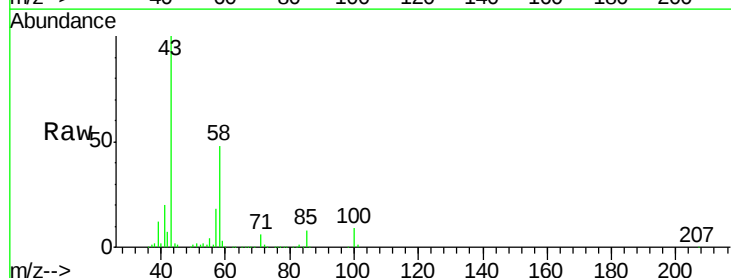
Instrument :
 MSVOA_N
 ClientSampled :
 VN1006WBS01

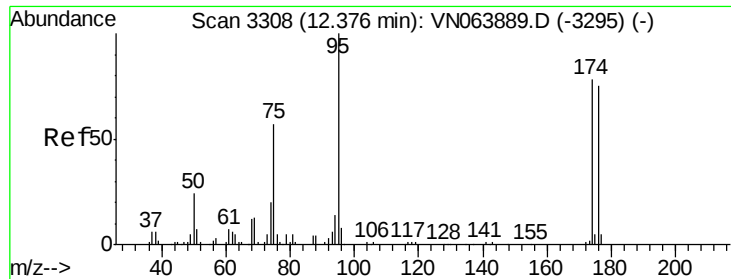
Tgt Ion	Ratio	Lower	Upper
43	100		
58	35.6	31.4	47.0
85	16.1	13.4	20.2



#59
 2-Hexanone
 Concen: 73.901 ug/l
 RT: 10.72 min Scan# 2794
 Delta R.T. -0.00 min
 Lab File: VN063896.D
 Acq: 6 Oct 2020 16:01

Tgt Ion	Ratio	Lower	Upper
43	100		
58	47.9	42.6	64.0
57	17.7	14.6	21.8

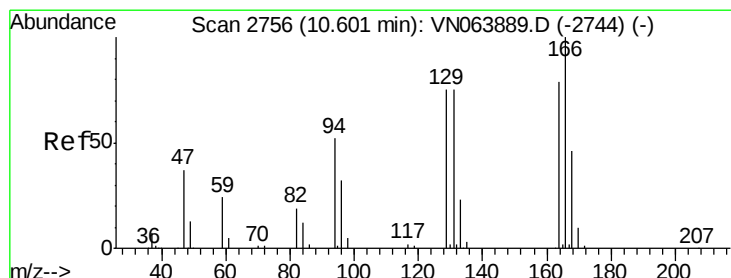
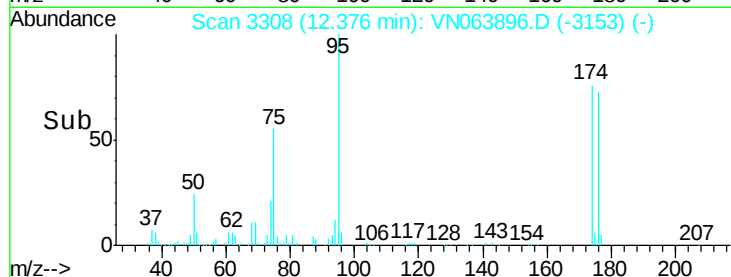
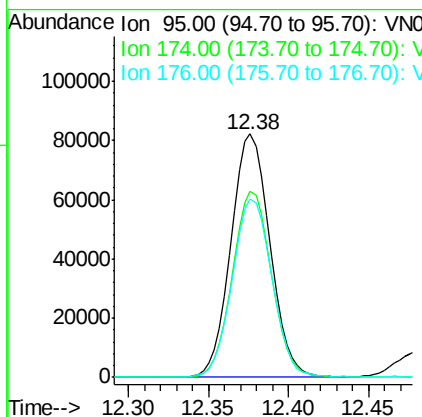
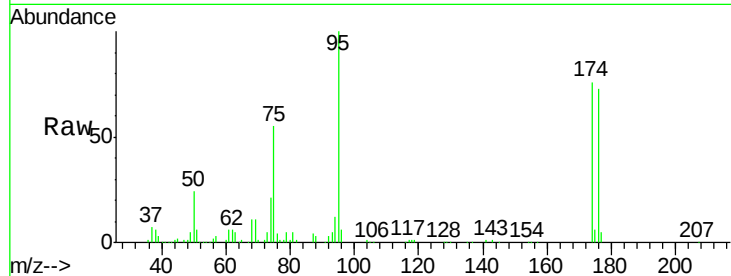




#60
4-Bromofluorobenzene
Concen: 29.238 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN063896.D
Acq: 6 Oct 2020 16:01

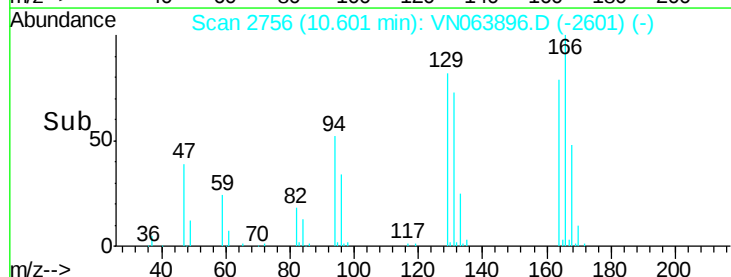
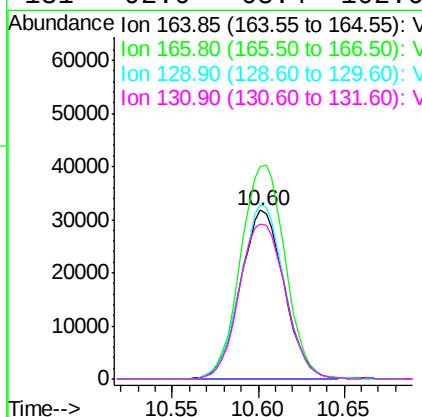
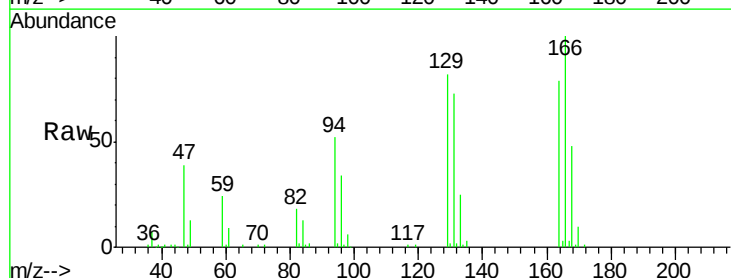
Instrument :
MSVOA_N
ClientSampleId :
VN1006WBS01

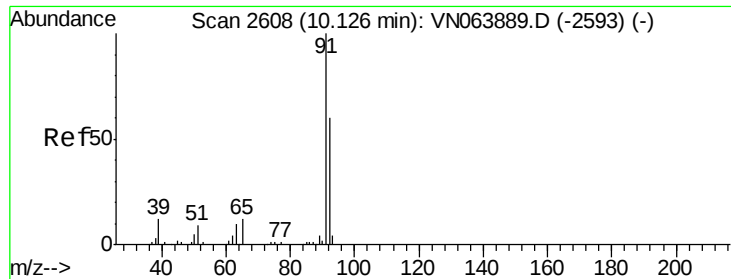
Tgt Ion: 95 Resp: 136682
Ion Ratio Lower Upper
95 100
174 76.7 70.1 105.1
176 74.6 66.8 100.2



#61
Tetrachloroethene
Concen: 16.272 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063896.D
Acq: 6 Oct 2020 16:01

Tgt Ion: 164 Resp: 56429
Ion Ratio Lower Upper
164 100
166 126.2 100.1 150.1
129 103.8 72.5 108.7
131 92.0 68.4 102.6

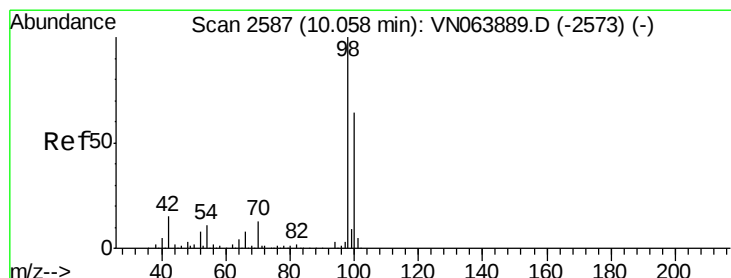
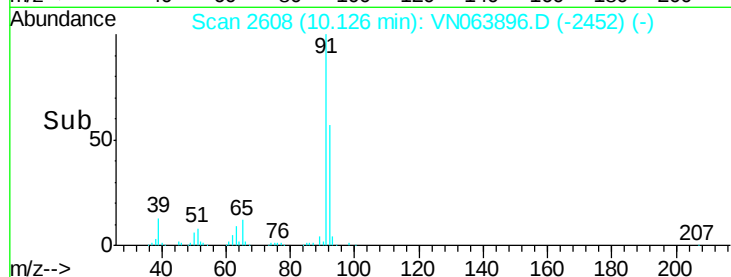
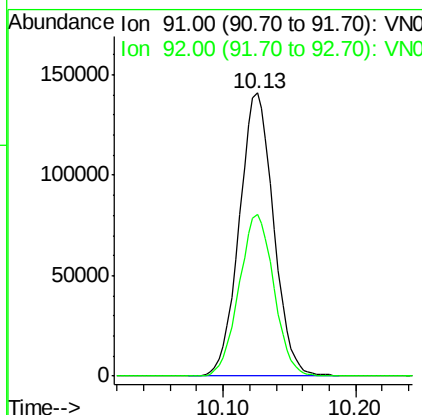
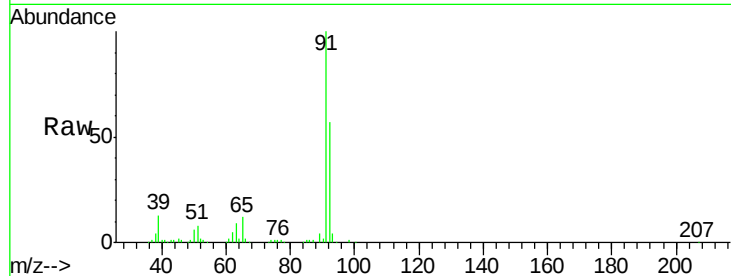




#62
Toluene
Concen: 16.126 ug/l
RT: 10.13 min Scan# 2608
Delta R.T. 0.00 min
Lab File: VN063896.D
Acq: 6 Oct 2020 16:01

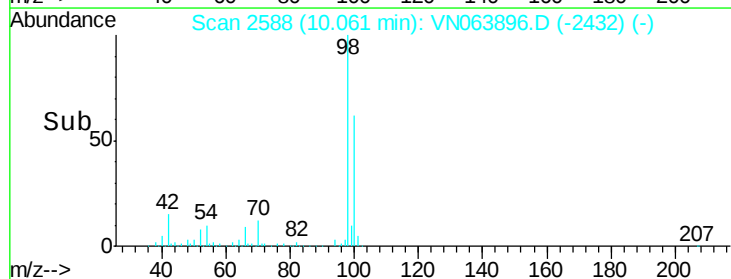
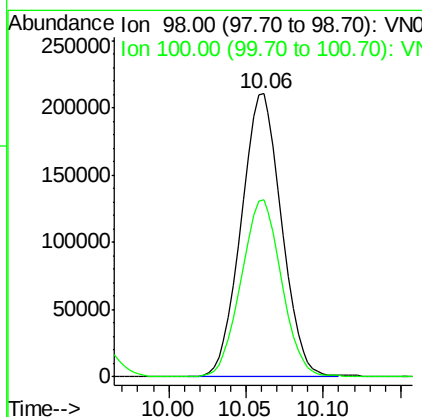
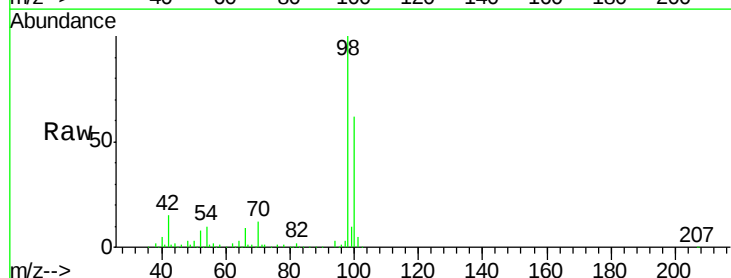
Instrument :
MSVOA_N
ClientSampleId :
VN1006WBS01

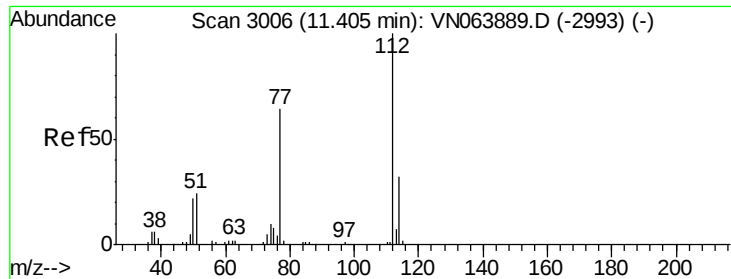
Tgt Ion: 91 Resp: 253180
Ion Ratio Lower Upper
91 100
92 57.9 45.5 68.3



#63
Toluene-d8
Concen: 30.968 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063896.D
Acq: 6 Oct 2020 16:01

Tgt Ion: 98 Resp: 383647
Ion Ratio Lower Upper
98 100
100 62.5 51.4 77.2





#64

Chlorobenzene

Concen: 16.017 ug/l

RT: 11.41 min Scan# 3006

Delta R.T. -0.00 min

Lab File: VN063896.D

Acq: 6 Oct 2020 16:01

Instrument :

MSVOA_N

ClientSampleId :

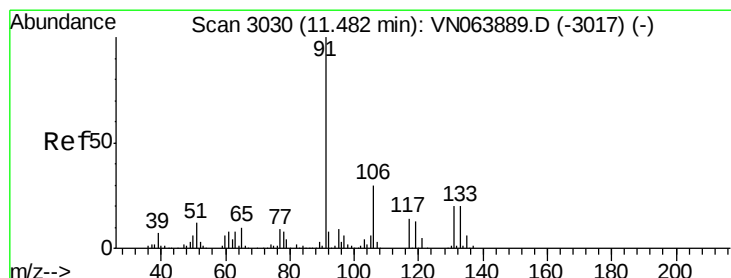
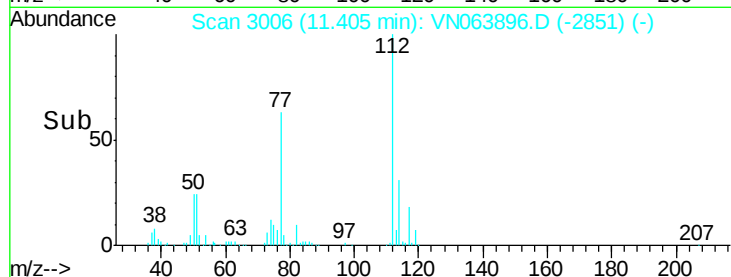
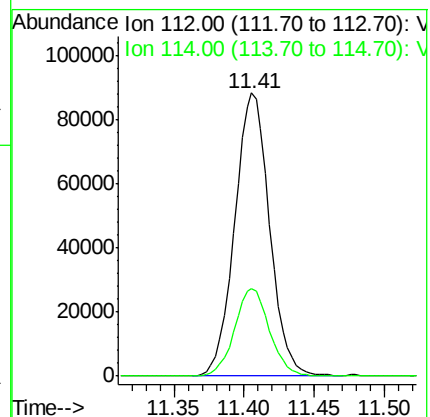
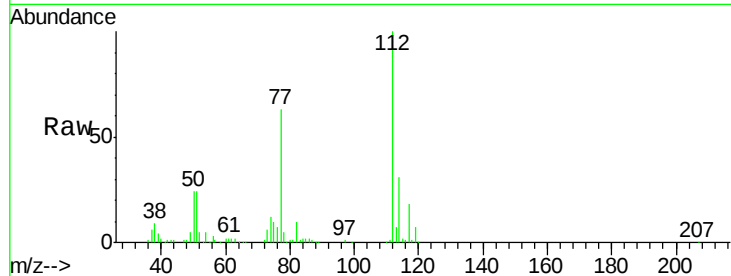
VN1006WBS01

Tgt Ion:112 Resp: 152412

Ion Ratio Lower Upper

112 100

114 31.1 25.1 37.7



#65

1,1,1,2-Tetrachloroethane

Concen: 16.110 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. 0.00 min

Lab File: VN063896.D

Acq: 6 Oct 2020 16:01

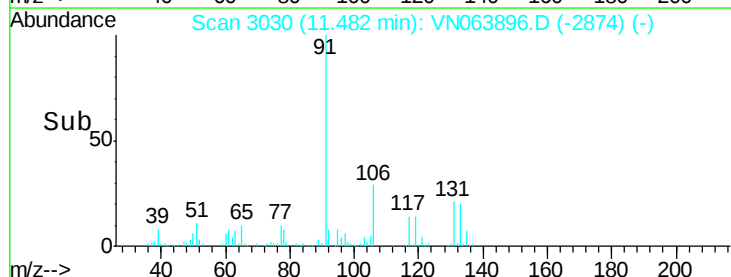
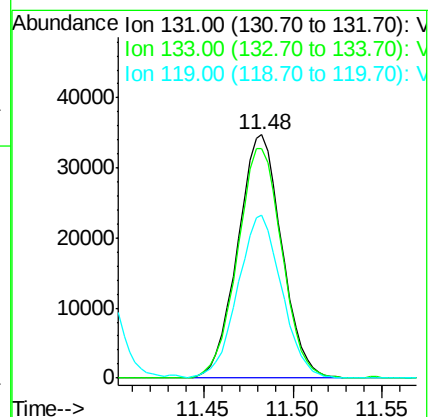
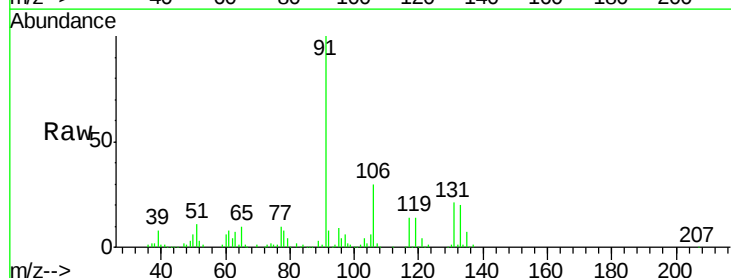
Tgt Ion:131 Resp: 59955

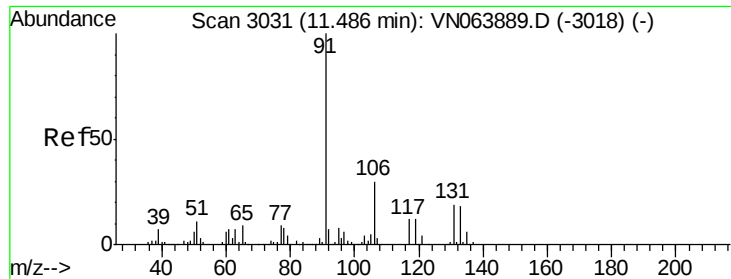
Ion Ratio Lower Upper

131 100

133 95.3 0.0 191.2

119 66.6 0.0 134.2

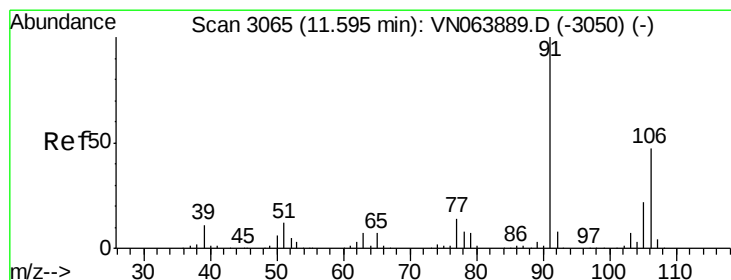
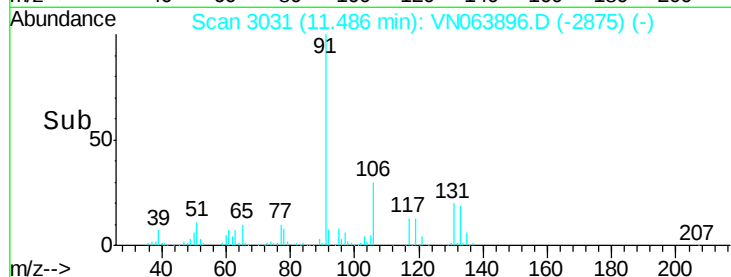
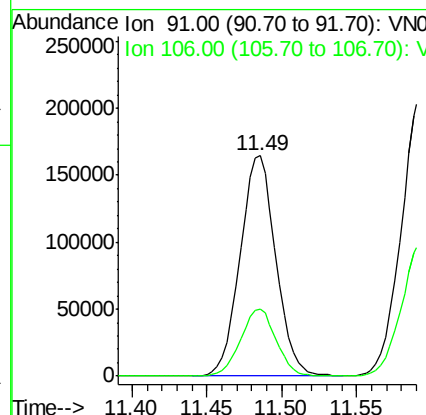
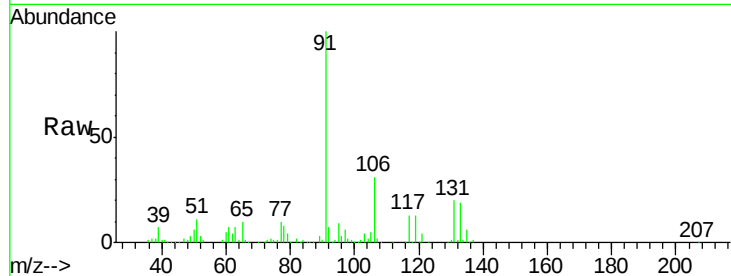




#66
Ethyl Benzene
Concen: 15.900 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN063896.D
Acq: 6 Oct 2020 16:01

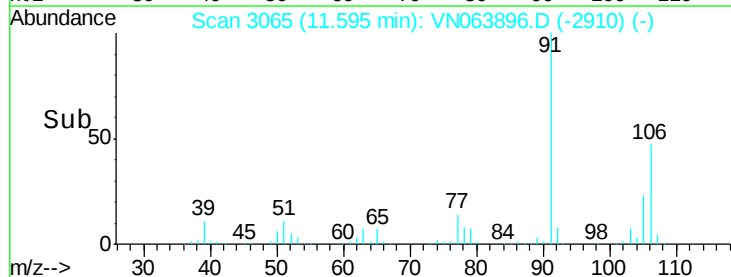
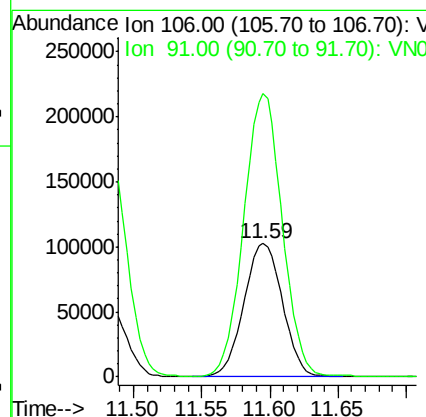
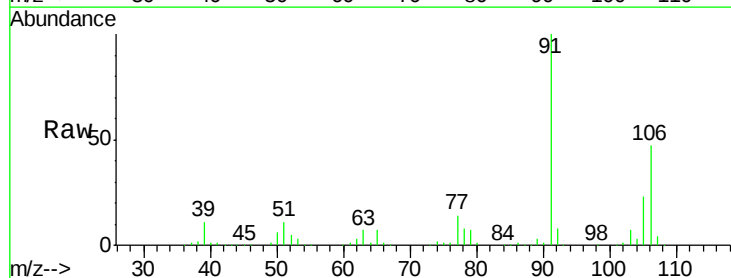
Instrument :
MSVOA_N
ClientSampleId :
VN1006WBS01

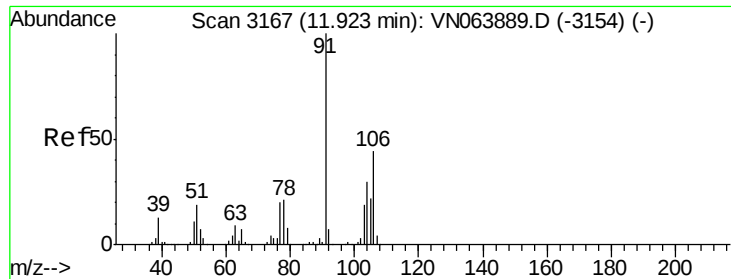
Tgt Ion: 91 Resp: 274127
Ion Ratio Lower Upper
91 100
106 30.7 25.0 37.4



#67
m/p-Xylenes
Concen: 31.354 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN063896.D
Acq: 6 Oct 2020 16:01

Tgt Ion: 106 Resp: 201017
Ion Ratio Lower Upper
106 100
91 211.9 164.9 247.3

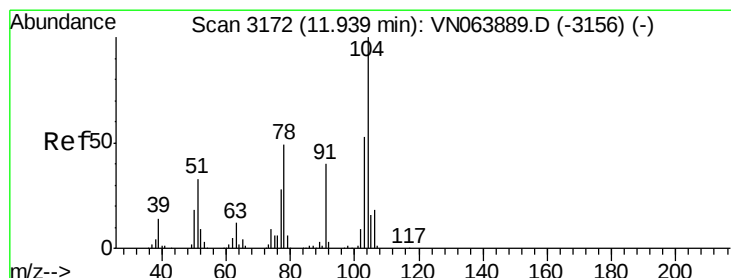
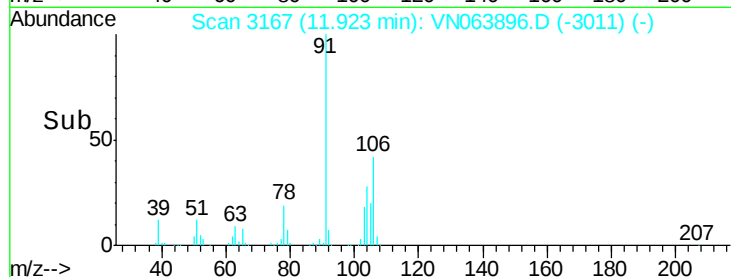
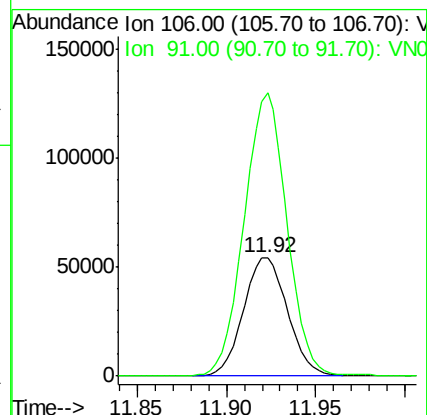
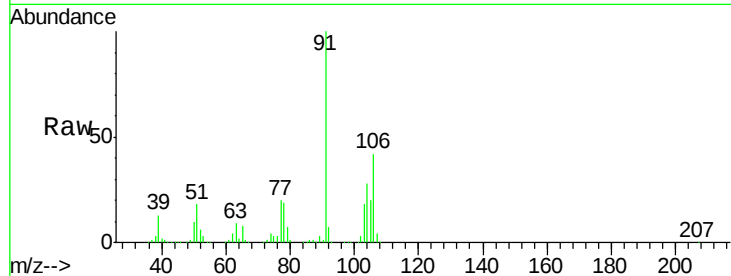




#68
o-Xylene
Concen: 15.424 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063896.D
Acq: 6 Oct 2020 16:01

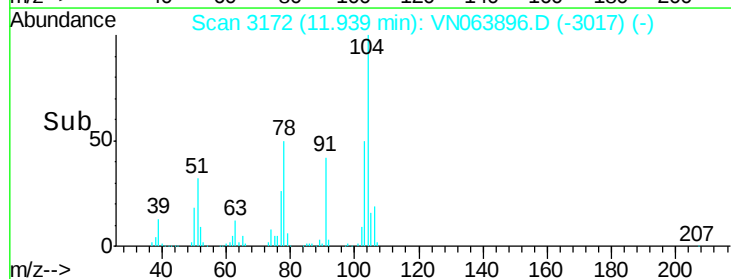
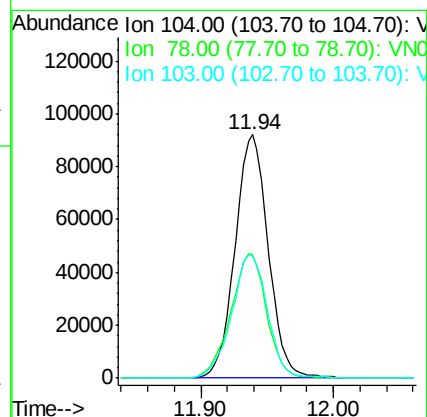
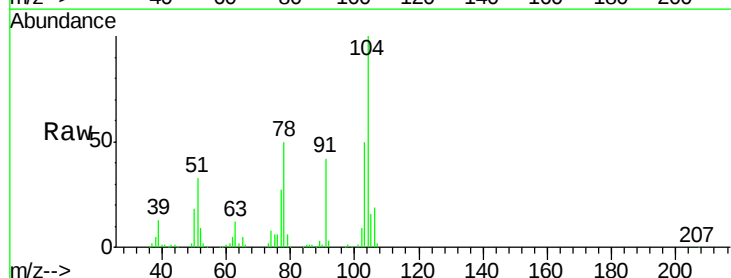
Instrument :
MSVOA_N
ClientSampled :
VN1006WBS01

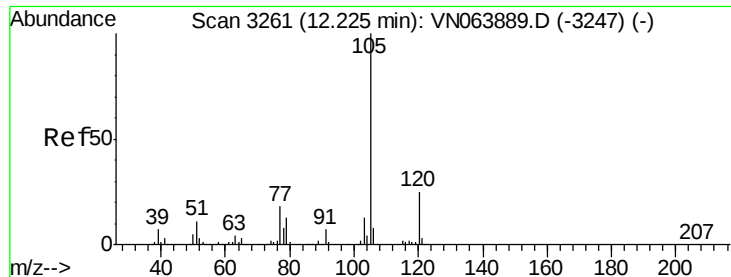
Tgt Ion:106 Resp: 94217
Ion Ratio Lower Upper
106 100
91 231.2 108.0 324.0



#69
Styrene
Concen: 15.356 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063896.D
Acq: 6 Oct 2020 16:01

Tgt Ion:104 Resp: 160046
Ion Ratio Lower Upper
104 100
78 55.1 39.6 59.4
103 54.7 44.4 66.6

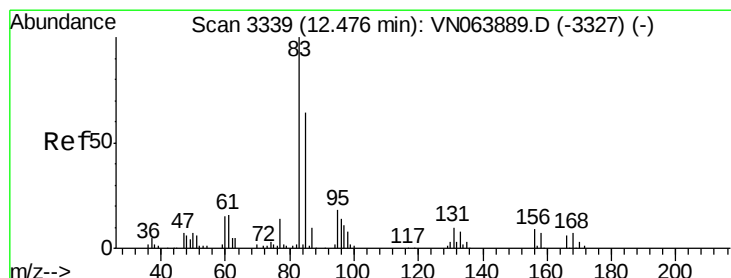
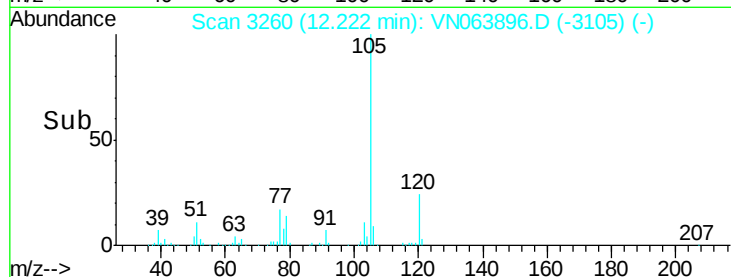
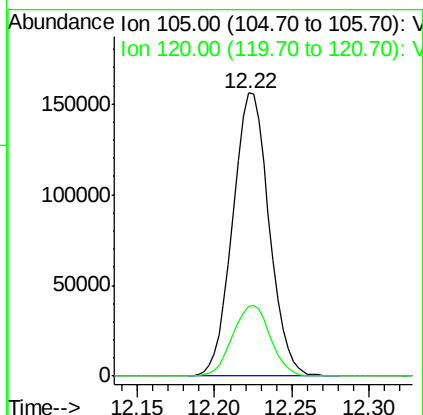
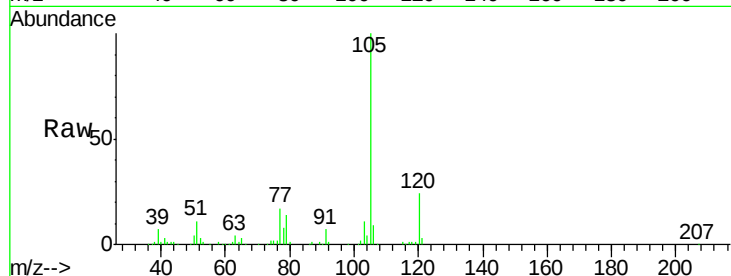




#70
Isopropylbenzene
Concen: 15.717 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. -0.00 min
Lab File: VN063896.D
Acq: 6 Oct 2020 16:01

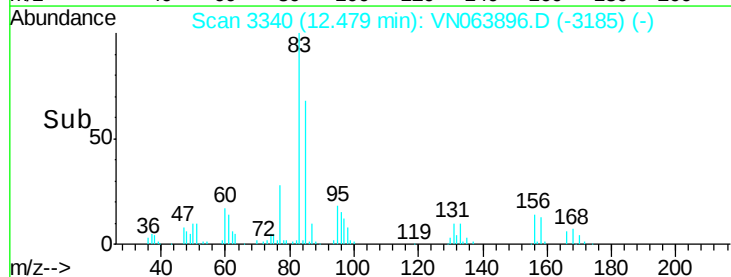
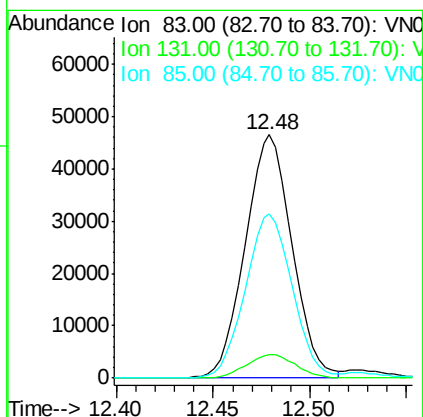
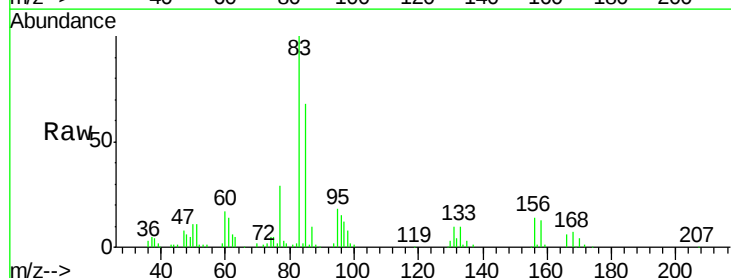
Instrument :
MSVOA_N
ClientSampleId :
VN1006WBS01

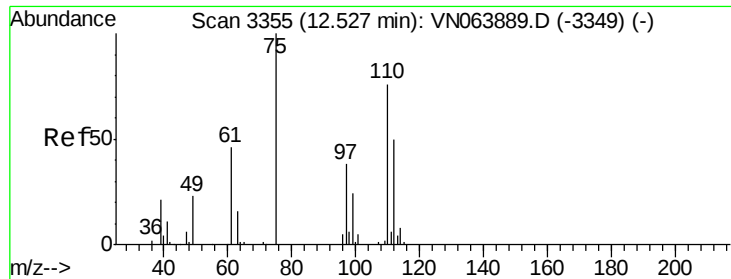
Tgt Ion: 105 Resp: 255102
Ion Ratio Lower Upper
105 100
120 25.9 18.5 34.3



#71
1,1,2,2-Tetrachloroethane
Concen: 15.275 ug/l
RT: 12.48 min Scan# 3340
Delta R.T. -0.00 min
Lab File: VN063896.D
Acq: 6 Oct 2020 16:01

Tgt Ion: 83 Resp: 78371
Ion Ratio Lower Upper
83 100
131 10.2 4.5 13.7
85 67.4 31.8 95.3





#72

1,2,3-Trichloropropane

Concen: 20.979 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN063896.D

Acq: 6 Oct 2020 16:01

Instrument :

MSVOA_N

ClientSampleId :

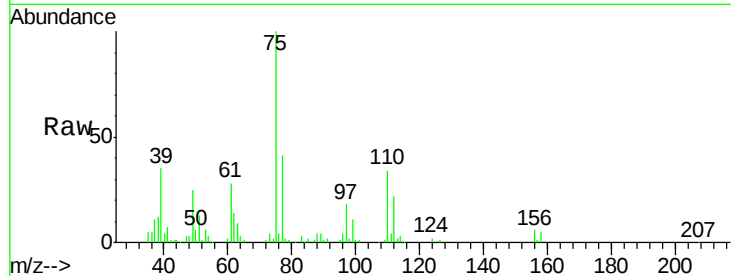
VN1006WBS01

Tgt Ion: 75 Resp: 109753

Ion Ratio Lower Upper

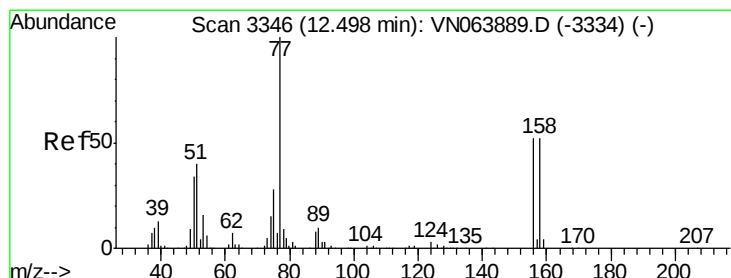
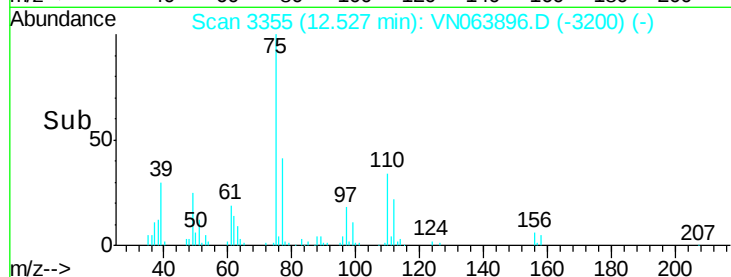
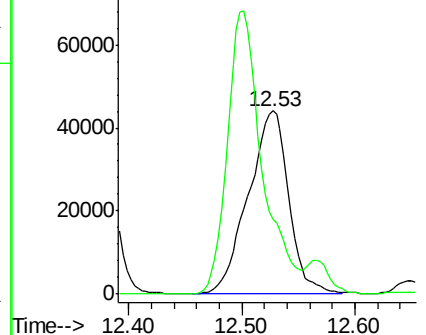
75 100

77 133.2 0.0 387.8



Abundance Ion 75.00 (74.70 to 75.70): VN063889.D (-3349) (-)

Ion 77.00 (76.70 to 77.70): VN063889.D (-3349) (-)



#73

Bromobenzene

Concen: 15.892 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN063896.D

Acq: 6 Oct 2020 16:01

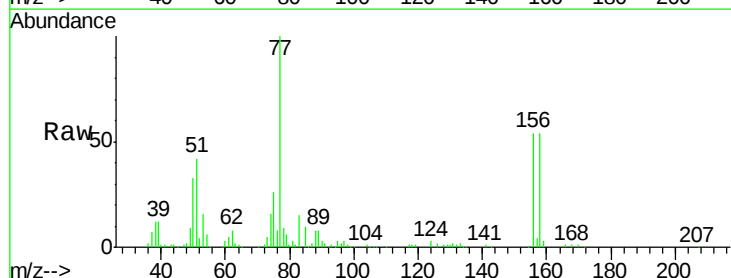
Tgt Ion: 156 Resp: 65379

Ion Ratio Lower Upper

156 100

77 223.6 0.0 398.6

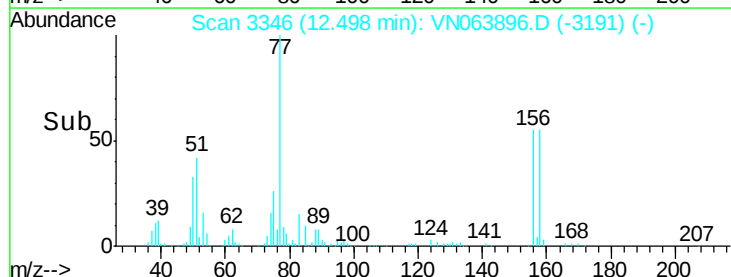
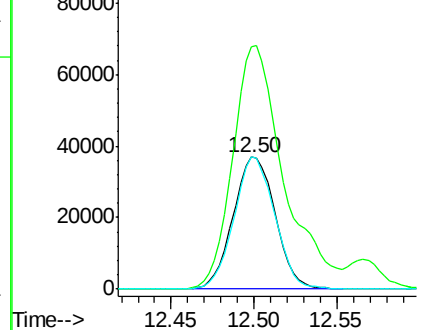
158 96.5 0.0 195.4

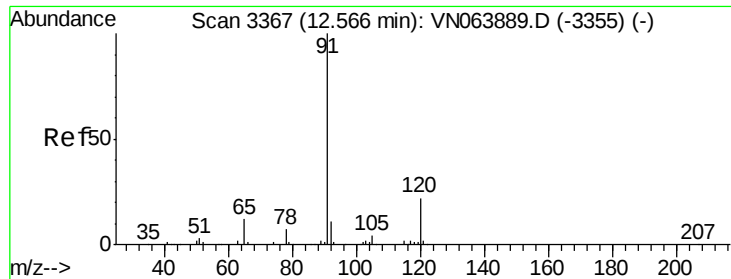


Abundance Ion 156.00 (155.70 to 156.70): VN063889.D (-3334) (-)

Ion 77.00 (76.70 to 77.70): VN063889.D (-3334) (-)

Ion 158.00 (157.70 to 158.70): VN063889.D (-3334) (-)





#74

n-propylbenzene

Concen: 15.437 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063896.D

Acq: 6 Oct 2020 16:01

Instrument :

MSVOA_N

ClientSampleId :

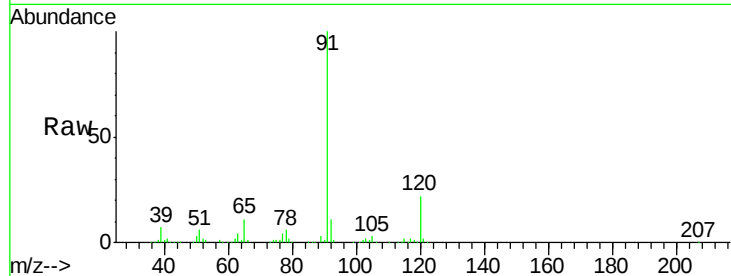
VN1006WBS01

Tgt Ion: 91 Resp: 292904

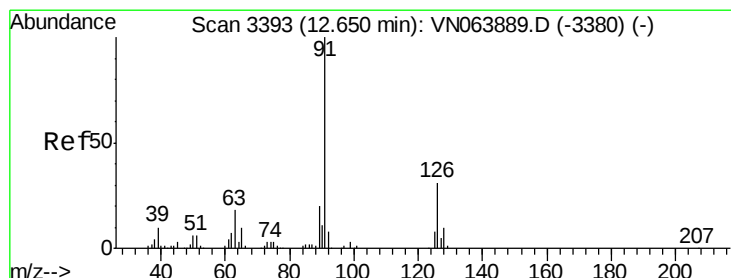
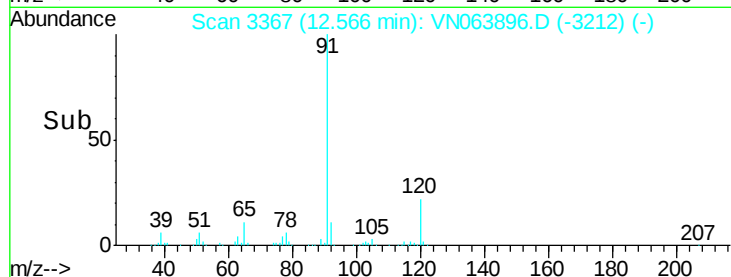
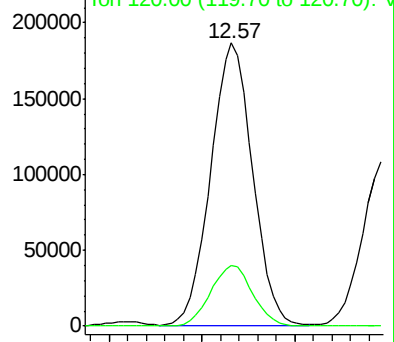
Ion Ratio Lower Upper

91 100

120 21.6 0.0 44.0



Abundance Ion 91.00 (90.70 to 91.70): VN063889.D (-3355) (-)



#75

2-Chlorotoluene

Concen: 16.030 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. -0.00 min

Lab File: VN063896.D

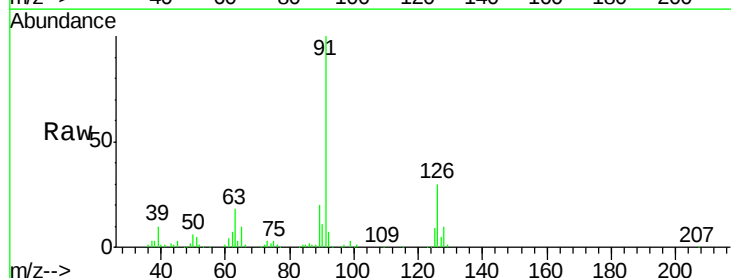
Acq: 6 Oct 2020 16:01

Tgt Ion: 91 Resp: 185525

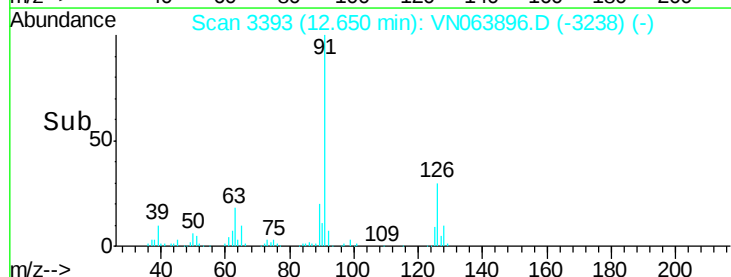
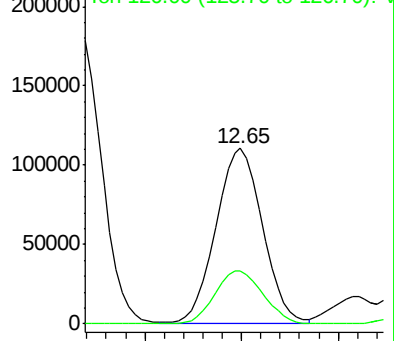
Ion Ratio Lower Upper

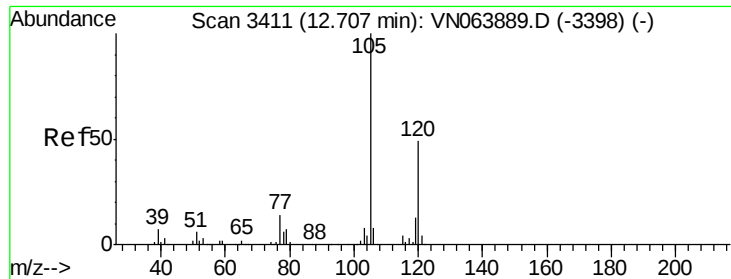
91 100

126 31.2 0.0 68.0



Abundance Ion 91.00 (90.70 to 91.70): VN063889.D (-3380) (-)

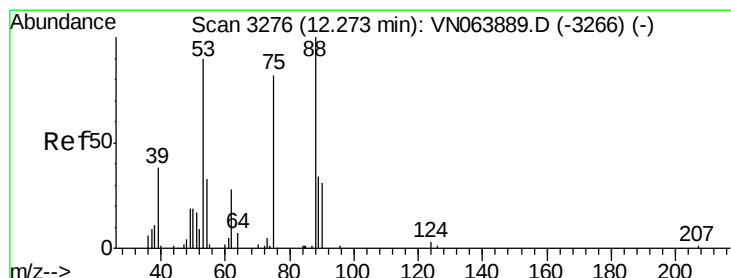
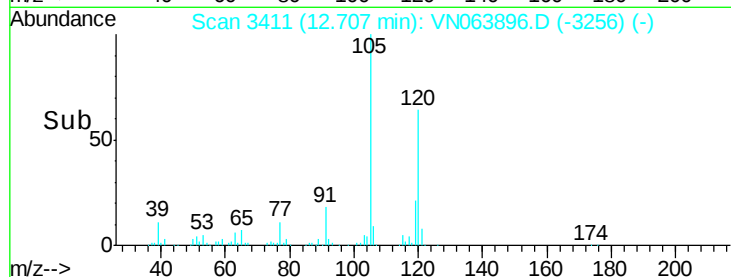
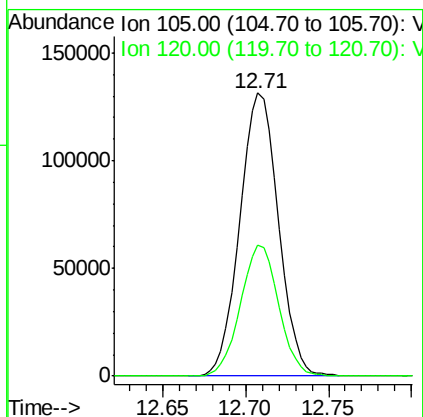
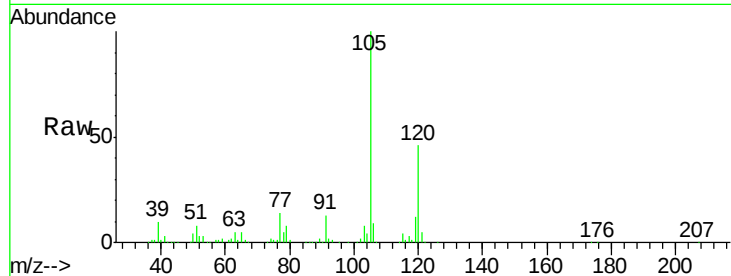




#76
 1,3,5-Trimethylbenzene
 Concen: 15.516 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. -0.00 min
 Lab File: VN063896.D
 Acq: 6 Oct 2020 16:01

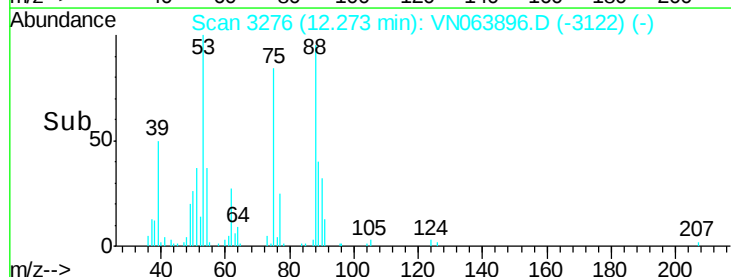
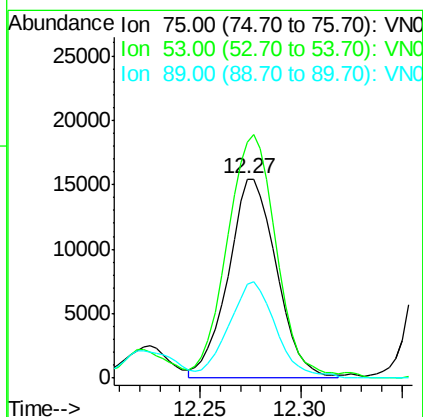
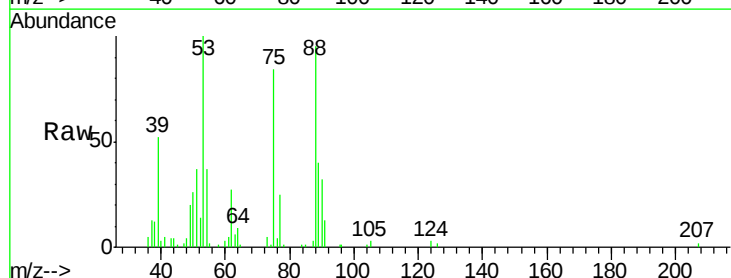
Instrument :
 MSVOA_N
 ClientSampled :
 VN1006WBS01

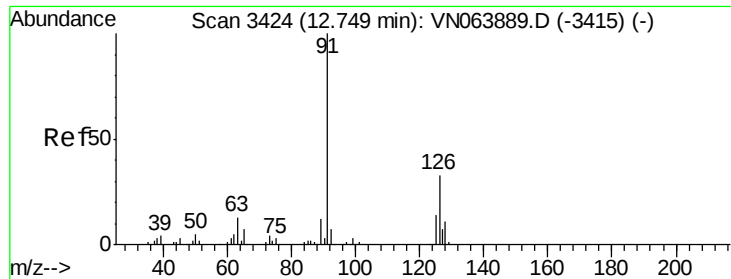
Tgt Ion: 105 Resp: 212372
 Ion Ratio Lower Upper
 105 100
 120 45.9 0.0 95.0



#77
 t-1,4-Dichloro-2-butene
 Concen: 13.848 ug/l
 RT: 12.27 min Scan# 3276
 Delta R.T. -0.00 min
 Lab File: VN063896.D
 Acq: 6 Oct 2020 16:01

Tgt Ion: 75 Resp: 25768
 Ion Ratio Lower Upper
 75 100
 53 118.0 47.0 141.0
 89 46.5 22.9 68.7

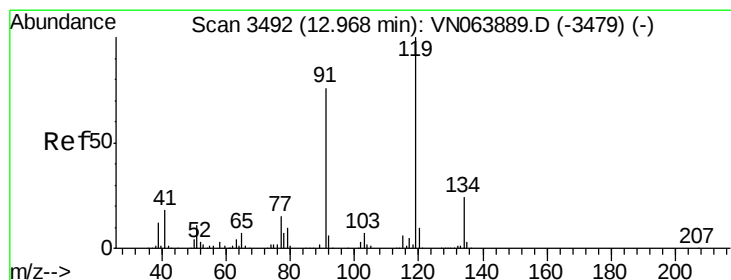
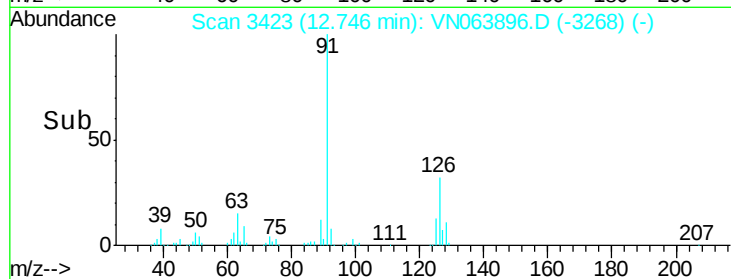
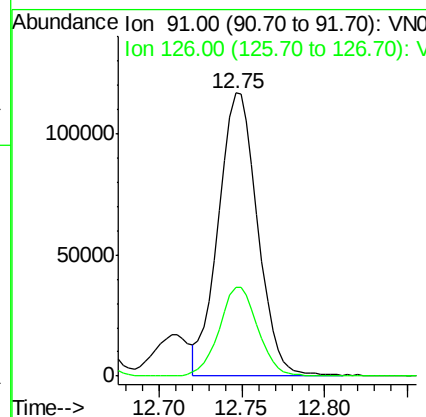
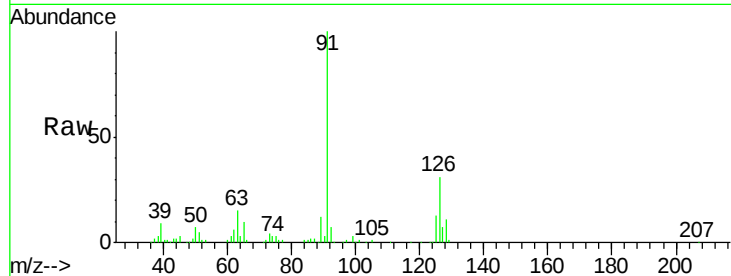




#78
4-Chlorotoluene
Concen: 15.575 ug/l
RT: 12.75 min Scan# 3423
Delta R.T. -0.00 min
Lab File: VN063896.D
Acq: 6 Oct 2020 16:01

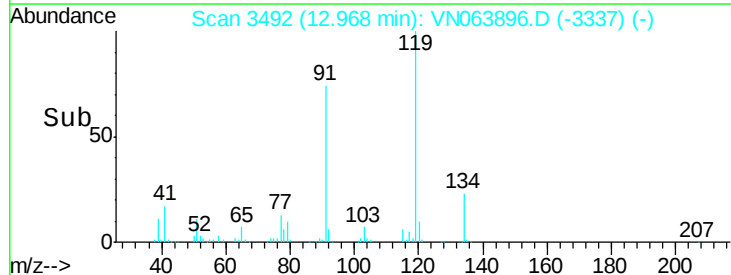
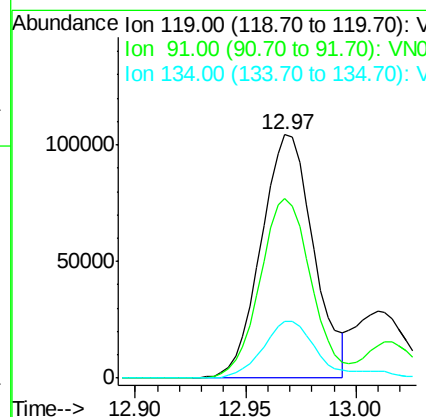
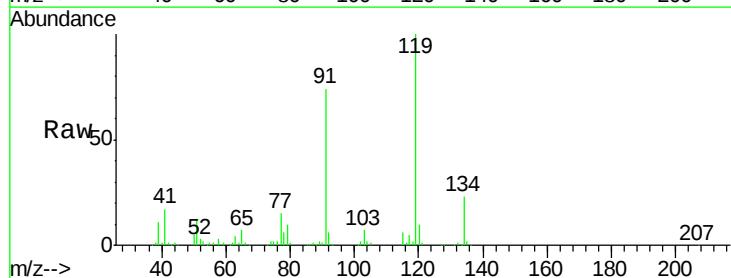
Instrument :
MSVOA_N
ClientSampled :
VN1006WBS01

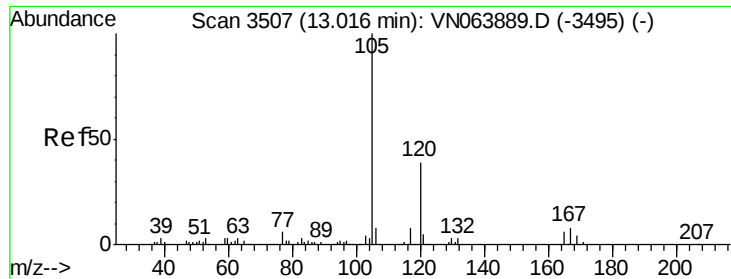
Tgt Ion: 91 Resp: 190880
Ion Ratio Lower Upper
91 100
126 31.0 0.0 65.0



#79
tert-butylbenzene
Concen: 15.667 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. -0.00 min
Lab File: VN063896.D
Acq: 6 Oct 2020 16:01

Tgt Ion: 119 Resp: 171794
Ion Ratio Lower Upper
119 100
91 72.2 0.0 136.8
134 23.4 0.0 48.8

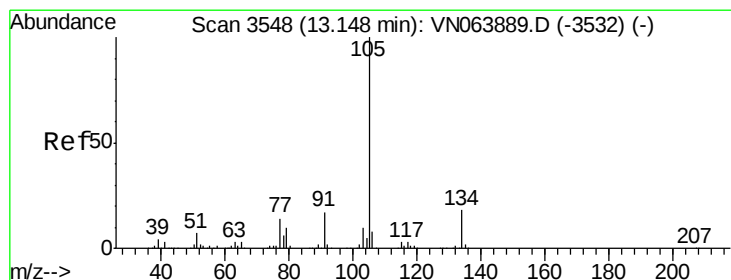
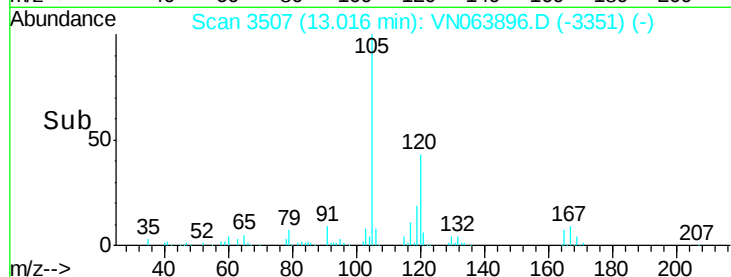
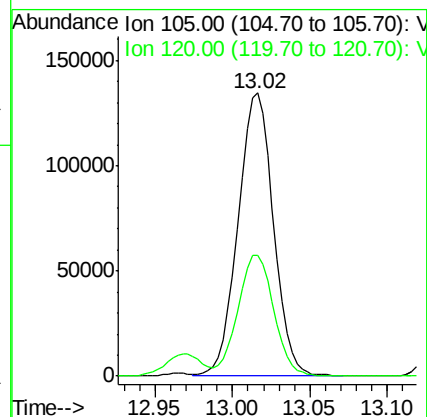
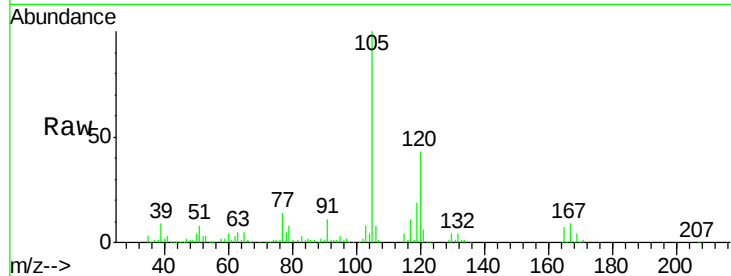




#80
1,2,4-Trimethylbenzene
Concen: 15.533 ug/l
RT: 13.02 min Scan# 3507
Delta R.T. 0.00 min
Lab File: VN063896.D
Acq: 6 Oct 2020 16:01

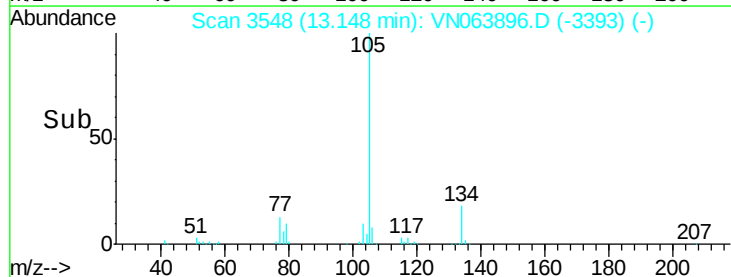
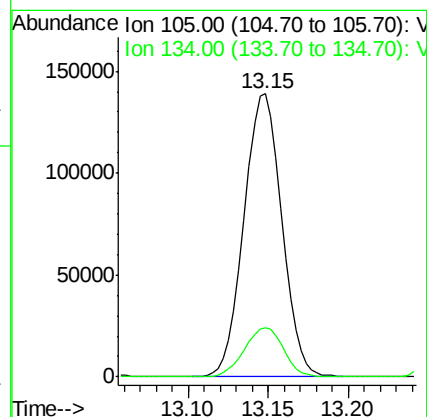
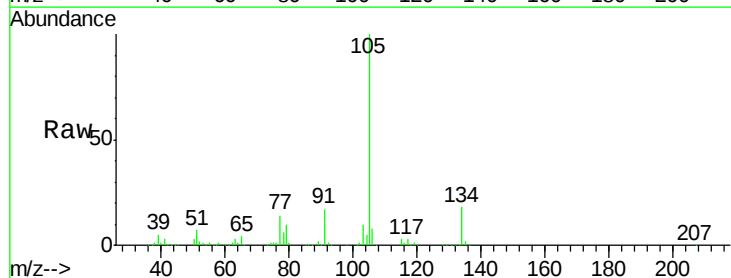
Instrument :
MSVOA_N
ClientSampled :
VN1006WBS01

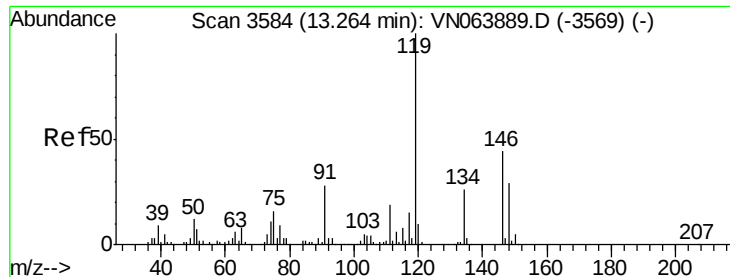
Tgt Ion:105 Resp: 213130
Ion Ratio Lower Upper
105 100
120 43.2 0.0 90.4



#81
sec-Butylbenzene
Concen: 15.487 ug/l
RT: 13.15 min Scan# 3548
Delta R.T. -0.00 min
Lab File: VN063896.D
Acq: 6 Oct 2020 16:01

Tgt Ion:105 Resp: 223210
Ion Ratio Lower Upper
105 100
134 18.1 0.0 39.4

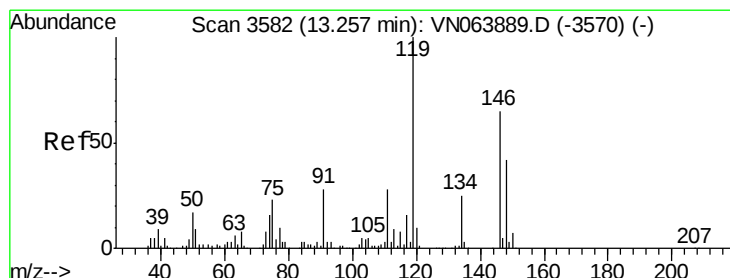
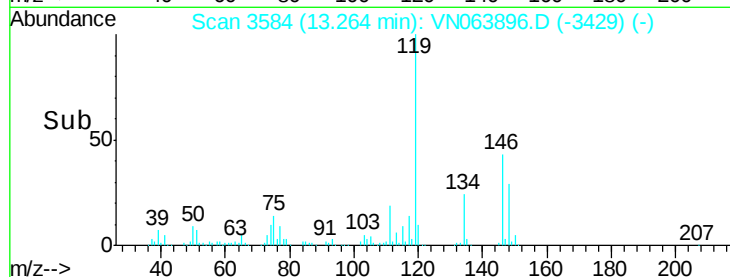
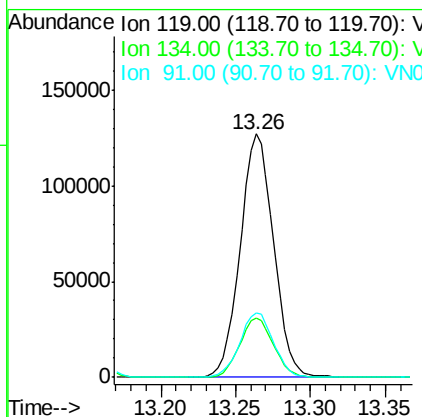
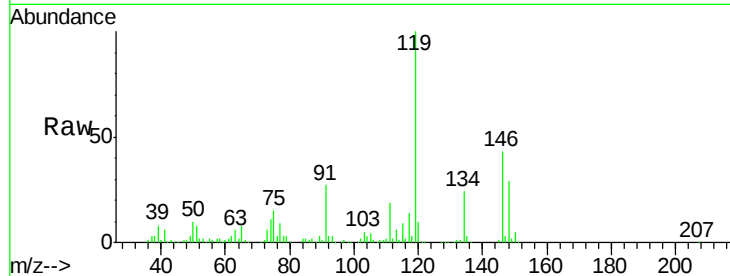




#82
p-Isopropyltoluene
Concen: 15.096 ug/l
RT: 13.26 min Scan# 3584
Delta R.T. -0.00 min
Lab File: VN063896.D
Acq: 6 Oct 2020 16:01

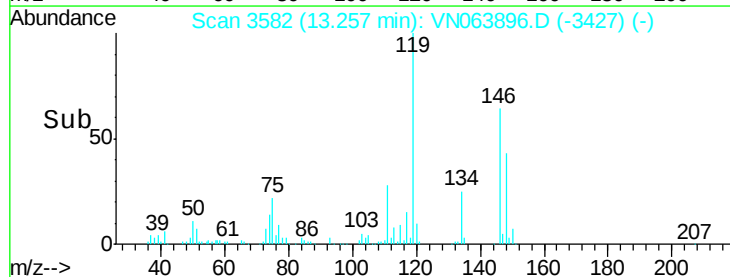
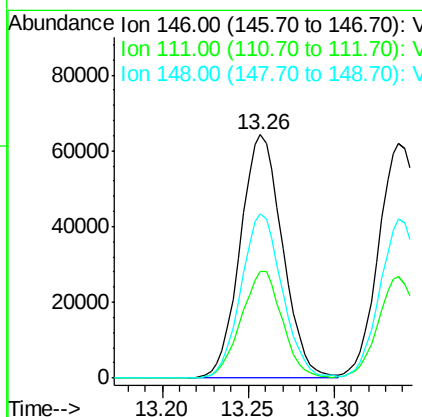
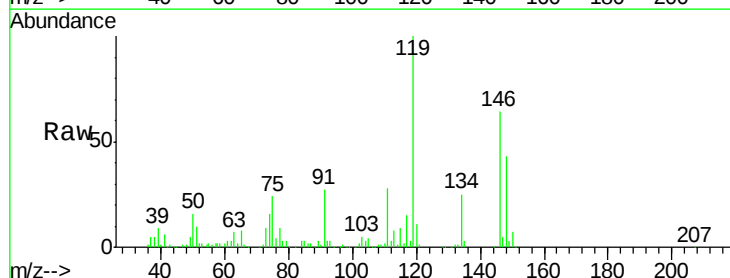
Instrument :
MSVOA_N
ClientSampleId :
VN1006WBS01

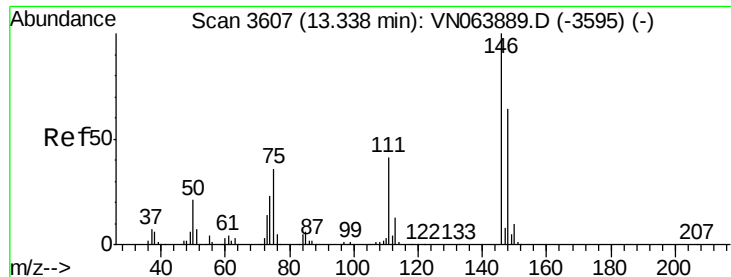
Tgt Ion:119 Resp: 196655
Ion Ratio Lower Upper
119 100
134 24.8 0.0 52.2
91 26.8 0.0 46.2



#83
1,3-Dichlorobenzene
Concen: 14.986 ug/l
RT: 13.26 min Scan# 3582
Delta R.T. -0.00 min
Lab File: VN063896.D
Acq: 6 Oct 2020 16:01

Tgt Ion:146 Resp: 109644
Ion Ratio Lower Upper
146 100
111 42.6 19.4 58.1
148 65.5 31.5 94.5





#84

1,4-Dichlorobenzene

Concen: 14.651 ug/l

RT: 13.34 min Scan# 3607

Delta R.T. -0.00 min

Lab File: VN063896.D

Acq: 6 Oct 2020 16:01

Instrument :

MSVOA_N

ClientSampleId :

VN1006WBS01

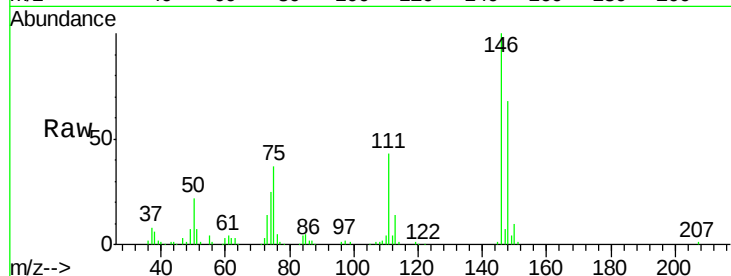
Tgt Ion:146 Resp: 106481

Ion Ratio Lower Upper

146 100

111 42.2 18.6 55.8

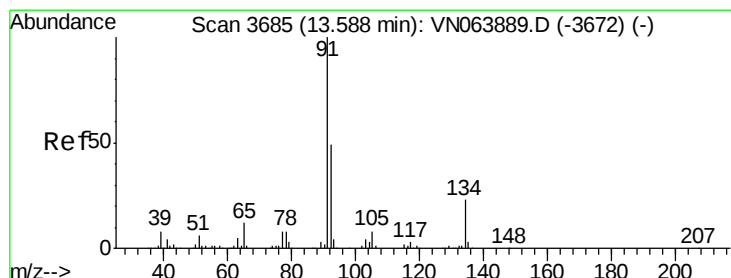
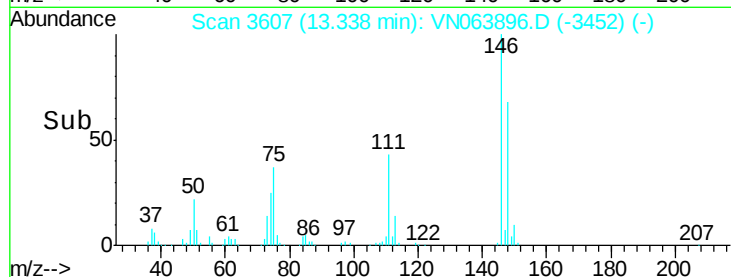
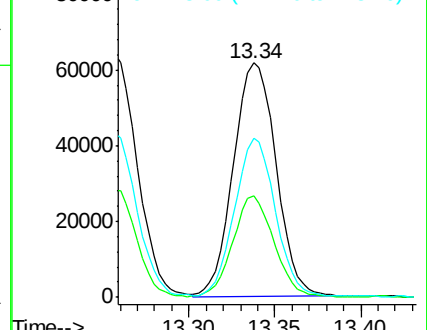
148 65.6 31.6 94.8



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#85

n-Butylbenzene

Concen: 14.337 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN063896.D

Acq: 6 Oct 2020 16:01

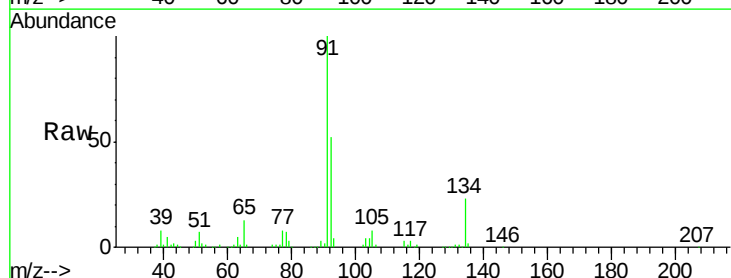
Tgt Ion: 91 Resp: 163408

Ion Ratio Lower Upper

91 100

92 49.8 0.0 100.6

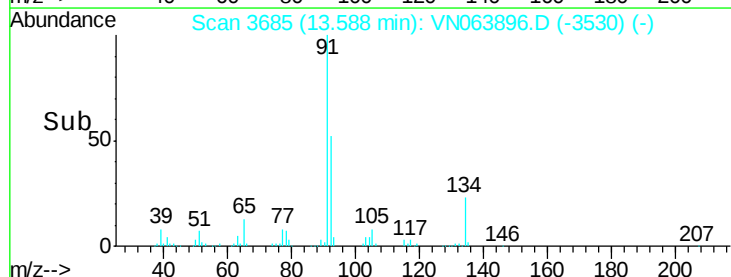
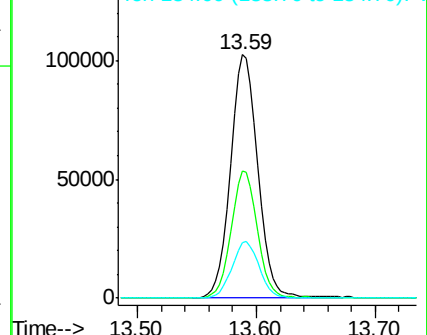
134 23.0 0.0 47.4

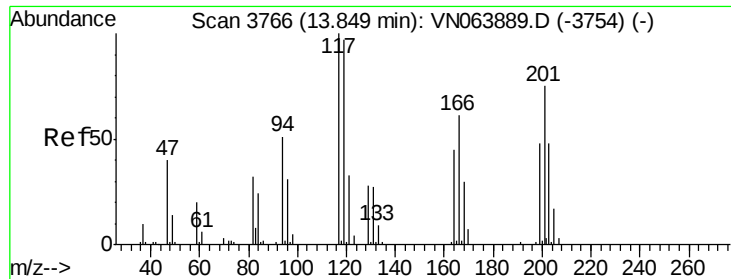


Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V





#86

Hexachloroethane

Concen: 14.998 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. -0.00 min

Lab File: VN063896.D

Acq: 6 Oct 2020 16:01

Instrument :

MSVOA_N

ClientSampleId :

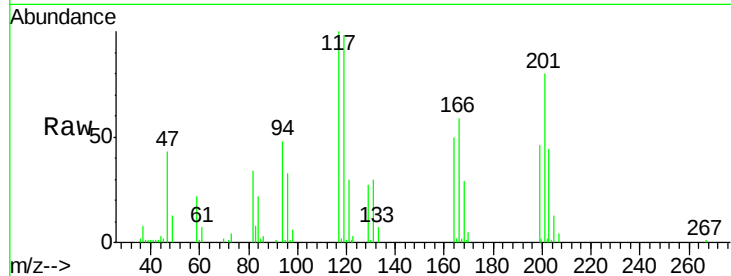
VN1006WBS01

Tgt Ion:117 Resp: 33671

Ion Ratio Lower Upper

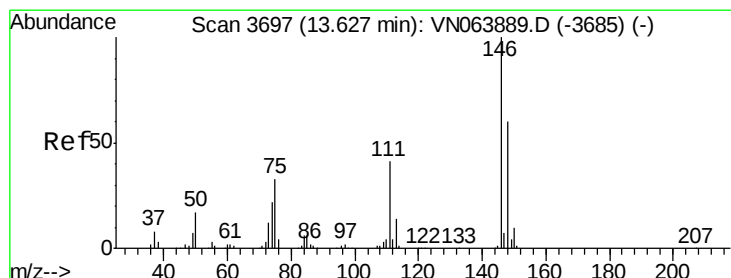
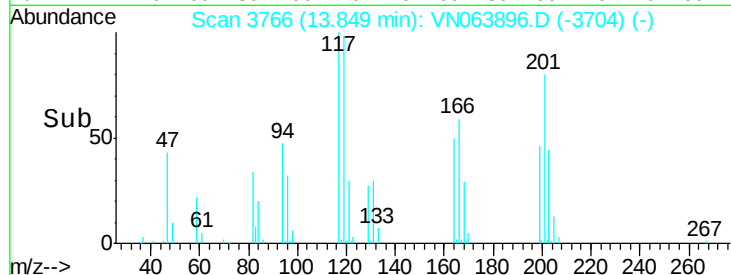
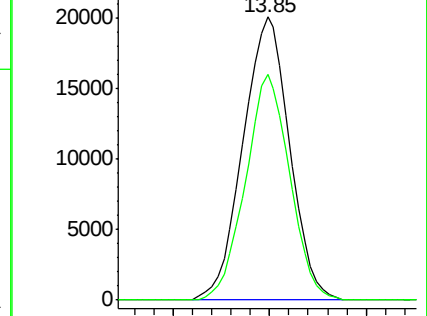
117 100

201 75.6 46.1 138.3



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 201.00 (200.70 to 201.70): V



#87

1,2-Dichlorobenzene

Concen: 15.074 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. -0.00 min

Lab File: VN063896.D

Acq: 6 Oct 2020 16:01

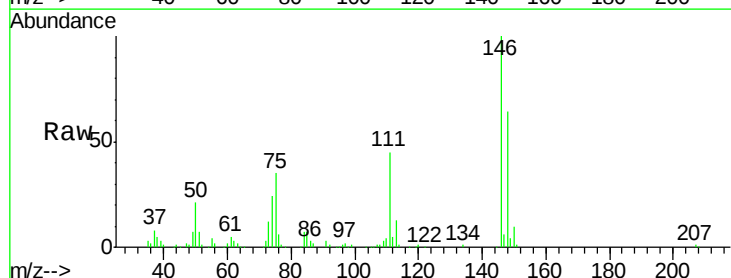
Tgt Ion:146 Resp: 108222

Ion Ratio Lower Upper

146 100

111 44.6 19.1 57.3

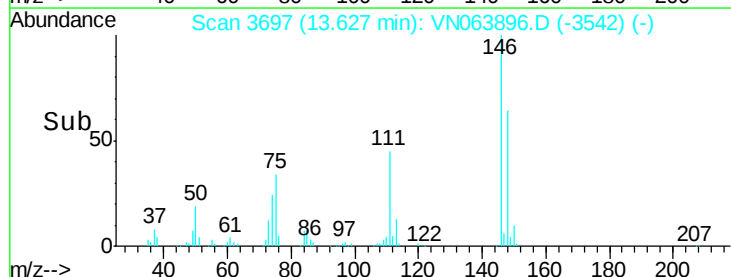
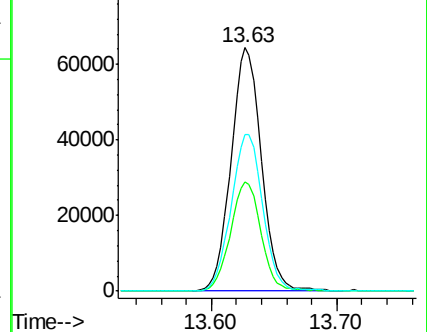
148 66.2 31.8 95.4

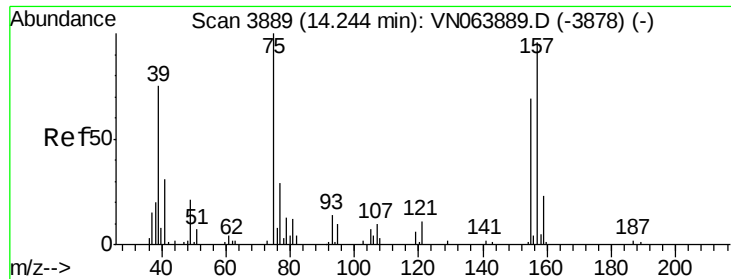


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#88

1,2-Dibromo-3-Chloropropane

Concen: 14.077 ug/l

RT: 14.24 min Scan# 3889

Delta R.T. -0.00 min

Lab File: VN063896.D

Acq: 6 Oct 2020 16:01

Instrument :

MSVOA_N

ClientSampleId :

VN1006WBS01

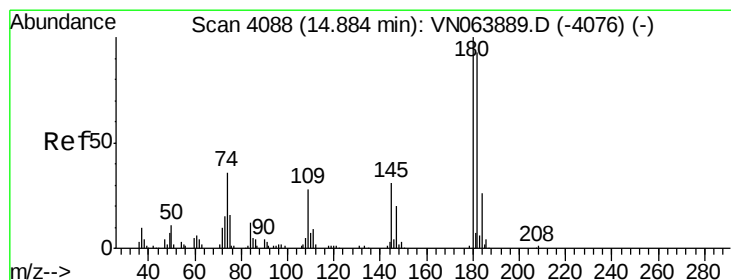
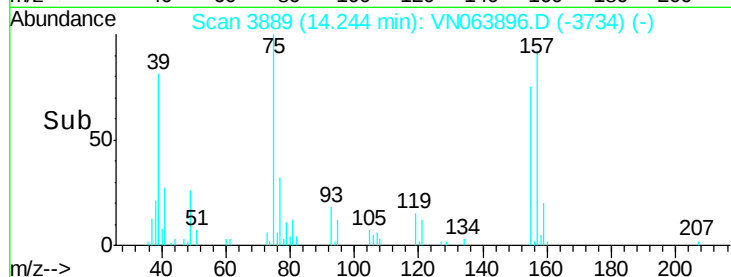
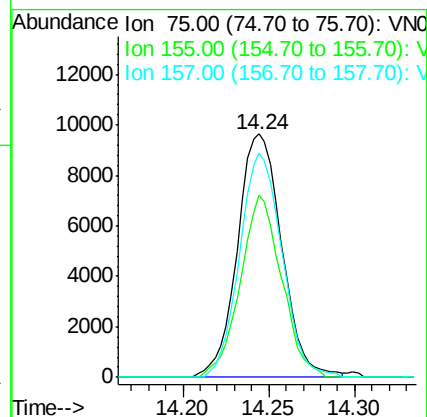
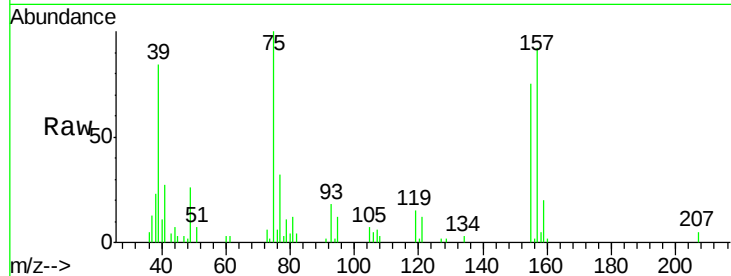
Tgt Ion: 75 Resp: 17257

Ion Ratio Lower Upper

75 100

155 69.4 64.8 97.2

157 88.2 81.2 121.8



#89

1,2,4-Trichlorobenzene

Concen: 13.746 ug/l

RT: 14.88 min Scan# 4088

Delta R.T. 0.00 min

Lab File: VN063896.D

Acq: 6 Oct 2020 16:01

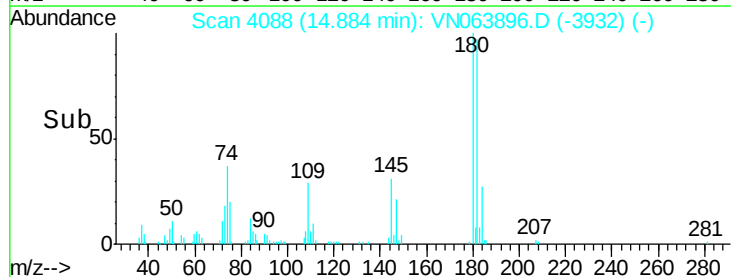
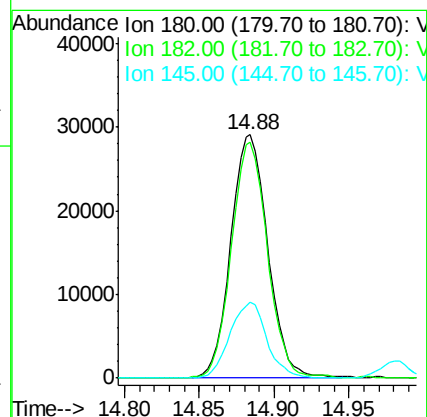
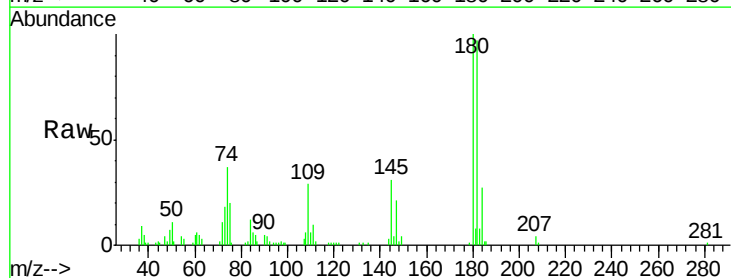
Tgt Ion: 180 Resp: 50166

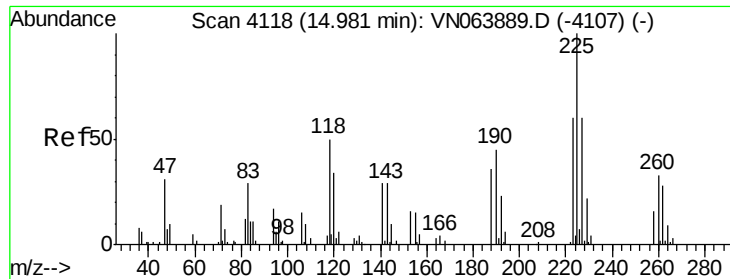
Ion Ratio Lower Upper

180 100

182 94.0 76.9 115.3

145 31.2 21.9 32.9





#90

Hexachlorobutadiene

Concen: 14.999 ug/l

RT: 14.98 min Scan# 4118

Delta R.T. -0.00 min

Lab File: VN063896.D

Acq: 6 Oct 2020 16:01

Instrument :

MSVOA_N

ClientSampled :

VN1006WBS01

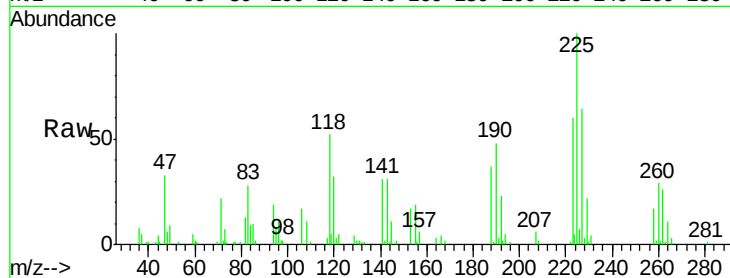
Tgt Ion:225 Resp: 28992

Ion Ratio Lower Upper

225 100

223 66.5 0.0 122.8

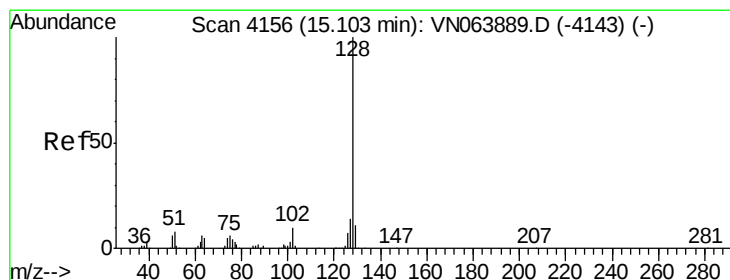
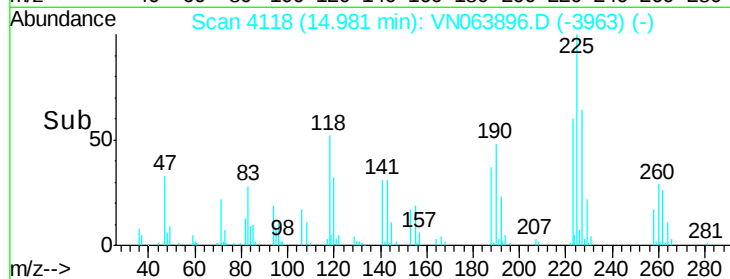
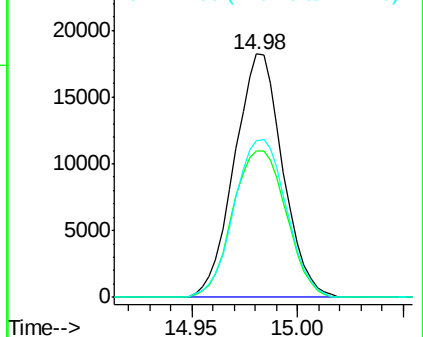
227 70.1 0.0 125.6



Abundance Ion 225.00 (224.70 to 225.70): V

Ion 223.00 (222.70 to 223.70): V

Ion 227.00 (226.70 to 227.70): V



#91

Naphthalene

Concen: 13.018 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. -0.00 min

Lab File: VN063896.D

Acq: 6 Oct 2020 16:01

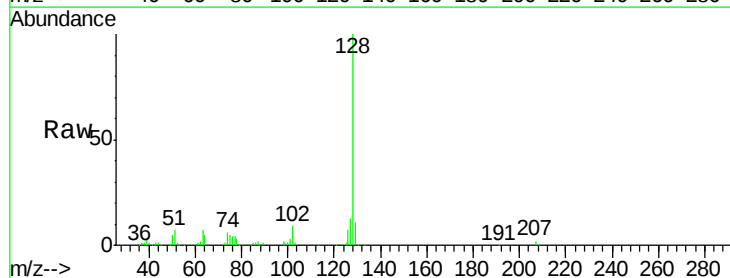
Tgt Ion:128 Resp: 145326

Ion Ratio Lower Upper

128 100

127 13.3 11.1 16.7

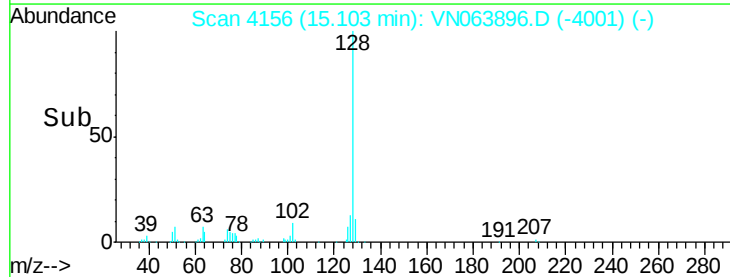
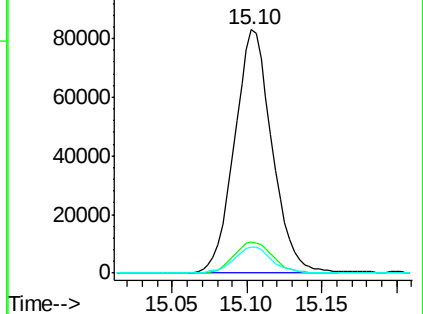
129 10.8 8.4 12.6

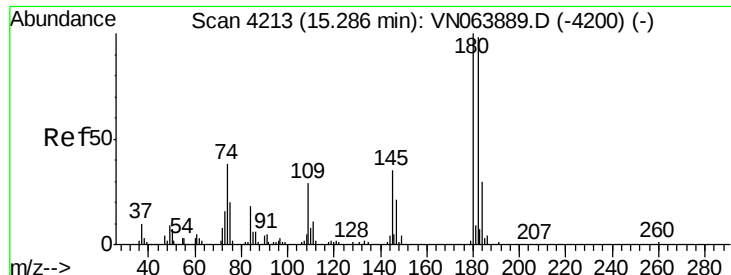


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

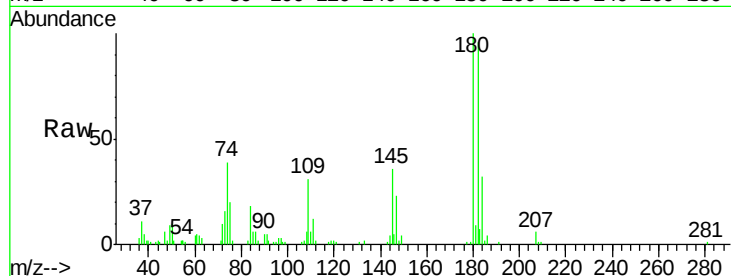




#92
 1,2,3-Trichlorobenzene
 Concen: 13.419 ug/l
 RT: 15.28 min Scan# 4212
 Delta R.T. -0.00 min
 Lab File: VN063896.D
 Acq: 6 Oct 2020 16:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1006WBS01

Tgt Ion:180 Resp: 47698
 Ion Ratio Lower Upper
 180 100
 182 94.6 0.0 188.0
 145 36.9 0.0 62.0



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

