

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100620\
 Data File : VN063912.D
 Acq On : 6 Oct 2020 23:53
 Operator : JC/MD
 Sample : VN1006WBS04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1006WBS04

Quant Time: Oct 07 05:00:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	262056	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	447135	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	414875	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	191740	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	222924	51.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.98%	
35) Dibromofluoromethane	7.55	113	154538	49.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.62%	
50) Toluene-d8	10.06	98	562801	47.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.70%	
62) 4-Bromofluorobenzene	12.38	95	199220	45.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	48017	17.365	ug/l	99
3) Chloromethane	2.04	50	56881	17.532	ug/l	100
4) Vinyl Chloride	2.16	62	58275	17.893	ug/l	95
5) Bromomethane	2.53	94	36134	17.639	ug/l	100
6) Chloroethane	2.67	64	38894	19.986	ug/l	98
7) Trichlorofluoromethane	2.98	101	95411	18.472	ug/l	96
8) Diethyl Ether	3.37	74	32670	18.702	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	49793	18.036	ug/l	97
10) Methyl Iodide	3.91	142	48862	15.243	ug/l	98
11) Tert butyl alcohol	4.73	59	53916	112.801	ug/l #	85
12) 1,1-Dichloroethene	3.70	96	48099	18.227	ug/l	99
13) Acrolein	3.57	56	39410	134.343	ug/l	98
14) Allyl chloride	4.28	41	96087	19.600	ug/l	93
15) Acrylonitrile	4.93	53	142772	104.352	ug/l	99
16) Acetone	3.78	43	142055	106.591	ug/l	98
17) Carbon Disulfide	4.01	76	130558	18.749	ug/l	99
18) Methyl Acetate	4.28	43	74667	21.579	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	186007	19.402	ug/l	100
20) Methylene Chloride	4.51	84	59944	19.697	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	52609	17.799	ug/l	89
22) Diisopropyl ether	5.90	45	206811	20.504	ug/l	96
23) Vinyl Acetate	5.85	43	846721	101.340	ug/l	100
24) 1,1-Dichloroethane	5.80	63	111151	19.273	ug/l	99
25) 2-Butanone	6.79	43	206027	109.040	ug/l	99
26) 2,2-Dichloropropane	6.78	77	83924	15.890	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	63942	18.810	ug/l	99
28) Bromochloromethane	7.15	49	57278	20.094	ug/l	97
29) Tetrahydrofuran	7.17	42	137936	108.847	ug/l	97
30) Chloroform	7.33	83	119291	19.838	ug/l	94
31) Cyclohexane	7.62	56	89669	17.841	ug/l #	92
32) 1,1,1-Trichloroethane	7.53	97	107382	19.798	ug/l	98
36) 1,1-Dichloropropene	7.76	75	81027	17.887	ug/l	98
37) Ethyl Acetate	6.88	43	84171	18.702	ug/l	100
38) Carbon Tetrachloride	7.74	117	91922	18.096	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	69748	15.440	ug/l	100
40) Benzene	8.00	78	235121	18.172	ug/l	100
41) Methacrylonitrile	7.16	41	131584	65.785	ug/l #	23
42) 1,2-Dichloroethane	8.09	62	106046	19.201	ug/l	98
43) Isopropyl Acetate	8.13	43	143577	19.341	ug/l	99
44) Trichloroethene	8.80	130	60012	17.702	ug/l	98
45) 1,2-Dichloropropane	9.08	63	64150	18.359	ug/l	99
46) Dibromomethane	9.17	93	43403	18.006	ug/l	98
47) Bromodichloromethane	9.37	83	91640	18.446	ug/l	99
48) Methyl methacrylate	9.17	41	73397	20.012	ug/l	94
49) 1,4-Dioxane	9.16	88	21645	415.250	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	448612	102.977	ug/l	99
52) Toluene	10.13	92	146966	18.364	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	94814	17.804	ug/l	96
54) cis-1,3-Dichloropropene	9.81	75	99680	17.898	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	62446	19.457	ug/l	97
56) Ethyl methacrylate	10.40	69	85111	18.709	ug/l	97
57) 1,3-Dichloropropane	10.68	76	103422	19.047	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	233319	95.880	ug/l	100
59) 2-Hexanone	10.72	43	325923	100.711	ug/l	97
60) Dibromochloromethane	10.87	129	69067	18.479	ug/l	98
61) 1,2-Dibromoethane	10.98	107	63481	19.336	ug/l	100
64) Tetrachloroethene	10.60	164	55361	17.248	ug/l	99
65) Chlorobenzene	11.41	112	152778	17.952	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	61374	18.811	ug/l	97
67) Ethyl Benzene	11.49	91	278395	17.977	ug/l	99
68) m/p-Xylenes	11.59	106	202635	35.109	ug/l	97
69) o-Xylene	11.92	106	100302	18.594	ug/l	97
70) Styrene	11.94	104	167201	18.259	ug/l	99
71) Bromoform	12.10	173	46640	18.691	ug/l #	99
73) Isopropylbenzene	12.23	105	261381	18.690	ug/l	100
74) N-amyl acetate	12.05	43	118209	19.596	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	85620	20.021	ug/l	96
76) 1,2,3-Trichloropropane	12.53	75	120148	28.426	ug/l #	100
77) Bromobenzene	12.50	156	65925	19.211	ug/l	99
78) n-propylbenzene	12.57	91	294276	18.080	ug/l	100
79) 2-Chlorotoluene	12.65	91	188113	18.792	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	219279	18.689	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	24218	16.503	ug/l #	86
82) 4-Chlorotoluene	12.75	91	193068	18.579	ug/l	98
83) tert-Butylbenzene	12.97	119	172191	17.942	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	216302	18.465	ug/l	98
85) sec-Butylbenzene	13.15	105	226729	17.986	ug/l	99
86) p-Isopropyltoluene	13.26	119	198856	17.832	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	115002	18.524	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	112014	17.328	ug/l	96
89) n-Butylbenzene	13.59	91	163301	15.866	ug/l	99
90) Hexachloroethane	13.85	117	40859	18.908	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	112801	18.344	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	19065	19.009	ug/l	96

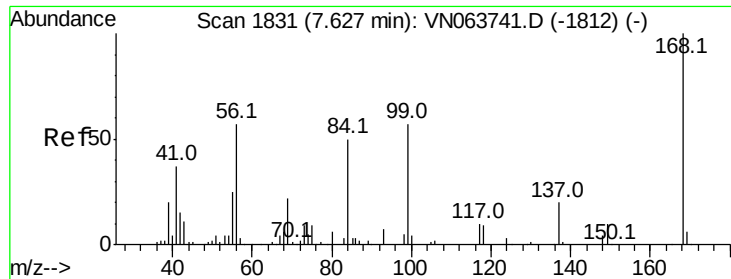
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Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	51143	16.500	ug/l	94
94) Hexachlorobutadiene	14.98	225	30076	18.082	ug/l	99
95) Naphthalene	15.11	128	154644	16.296	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	51286	16.886	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN063912.D

Acq: 6 Oct 2020 23:53

Instrument :

MSVOA_N

ClientSampleId :

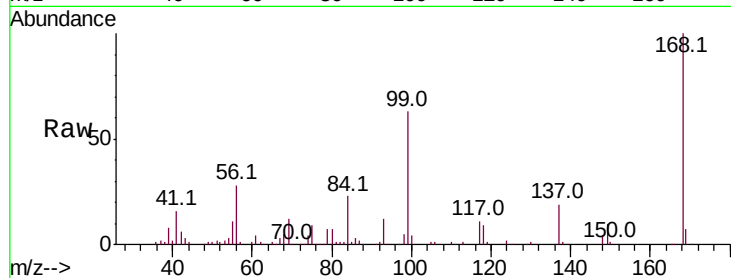
VN1006WBS04

Tot Ion:168 Resp: 262056

Ion Ratio Lower Upper

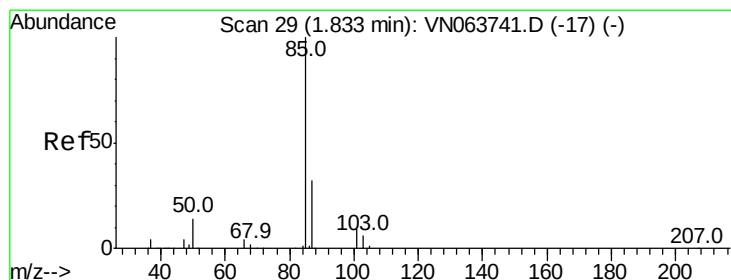
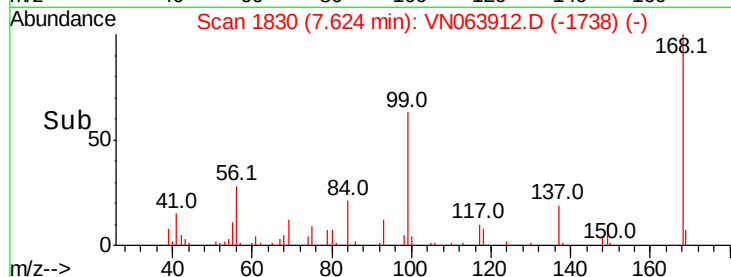
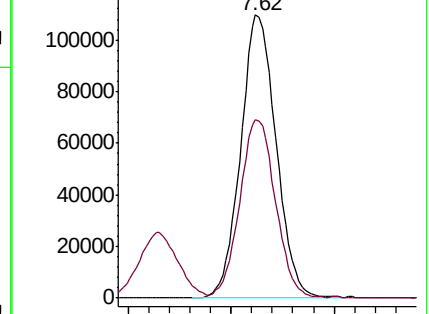
168 100

99 62.7 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 17.365 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063912.D

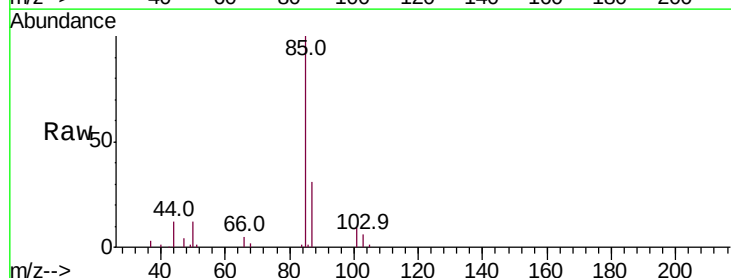
Acq: 6 Oct 2020 23:53

Tgt Ion: 85 Resp: 48017

Ion Ratio Lower Upper

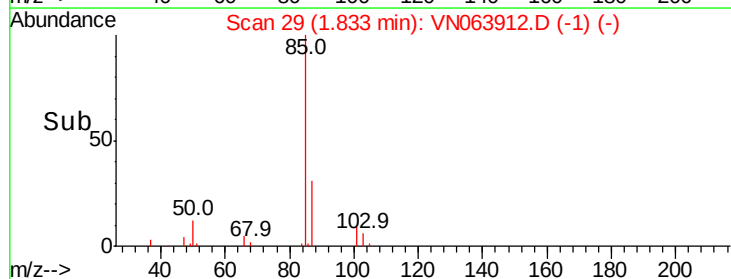
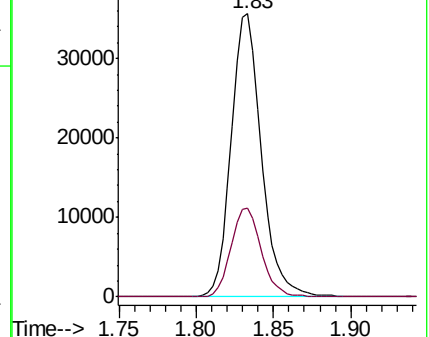
85 100

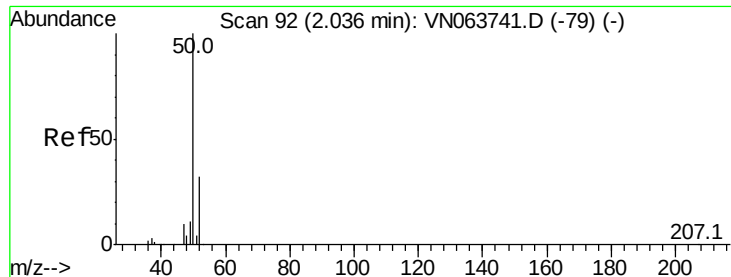
87 31.5 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 17.532 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063912.D

Acq: 6 Oct 2020 23:53

Instrument :

MSVOA_N

ClientSampleId :

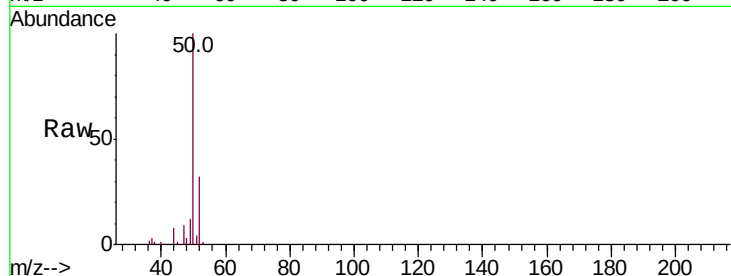
VN1006WBS04

Tot Ion: 50 Resp: 56881

Ion Ratio Lower Upper

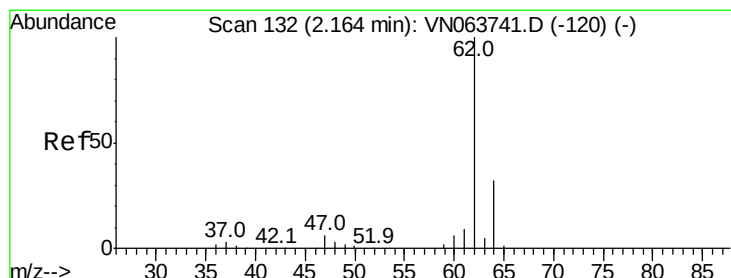
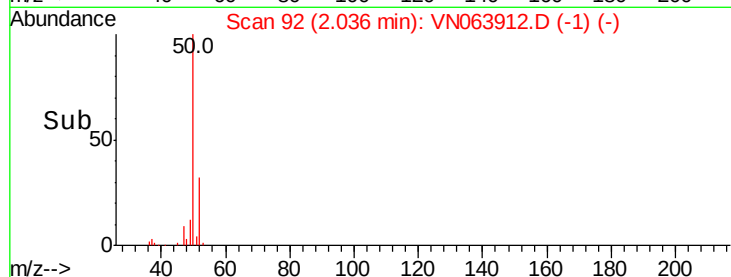
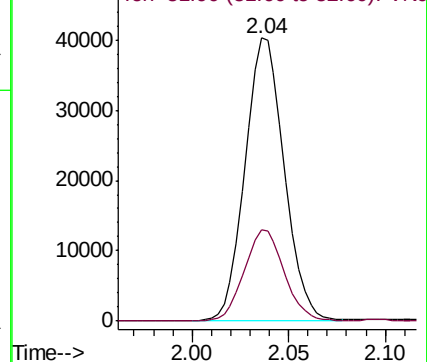
50 100

52 32.1 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 17.893 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN063912.D

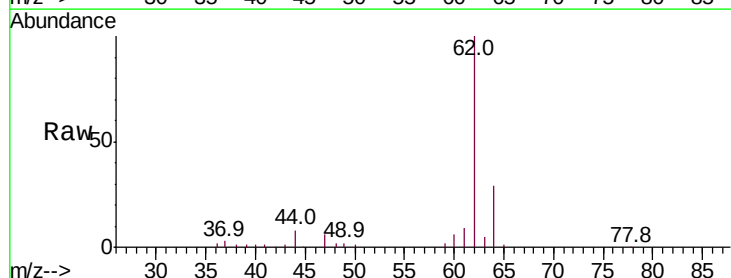
Acq: 6 Oct 2020 23:53

Tgt Ion: 62 Resp: 58275

Ion Ratio Lower Upper

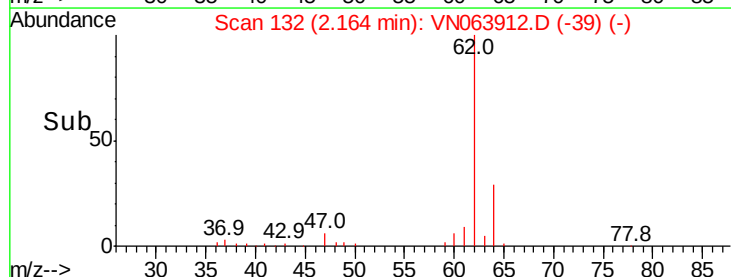
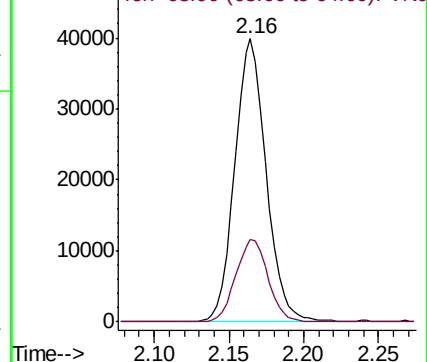
62 100

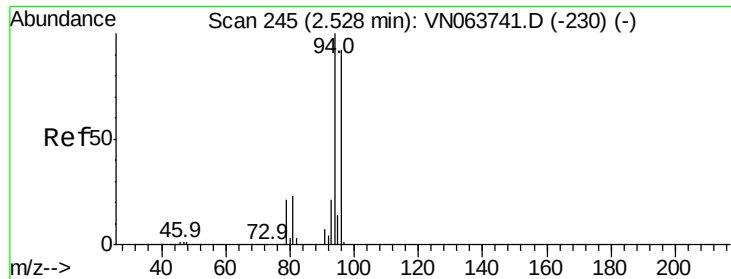
64 29.2 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 17.639 ug/l

RT: 2.53 min Scan# 247

Delta R.T. 0.01 min

Lab File: VN063912.D

Acq: 6 Oct 2020 23:53

Instrument :

MSVOA_N

ClientSampleId :

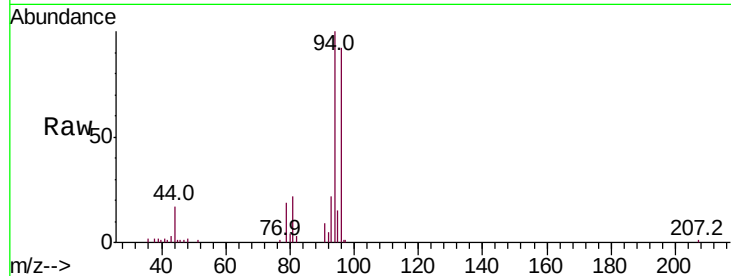
VN1006WBS04

Tot Ion: 94 Resp: 36134

Ion Ratio Lower Upper

94 100

96 91.7 73.3 109.9



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.53

20000

15000

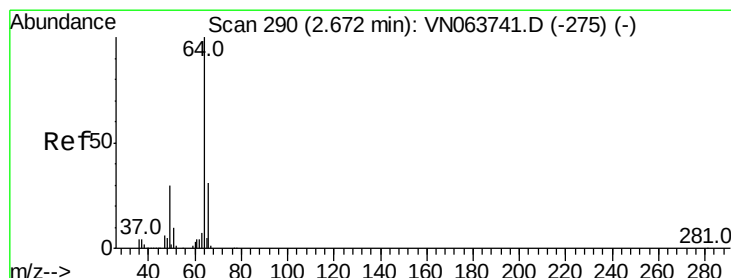
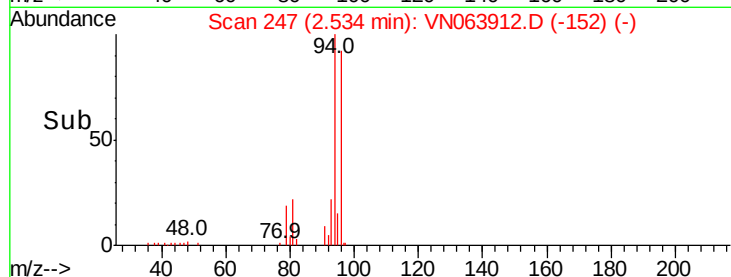
10000

5000

0

Time-->

2.45 2.50 2.55 2.60



#6

Chloroethane

Concen: 19.986 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN063912.D

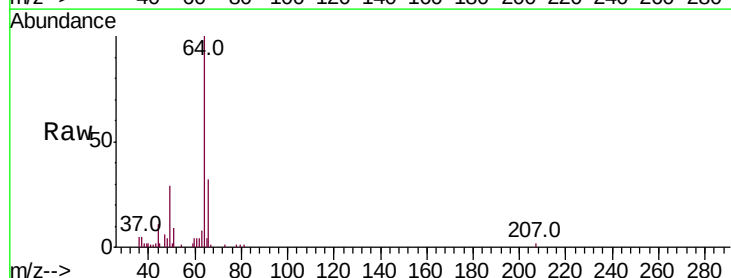
Acq: 6 Oct 2020 23:53

Tgt Ion: 64 Resp: 38894

Ion Ratio Lower Upper

64 100

66 32.3 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.67

20000

15000

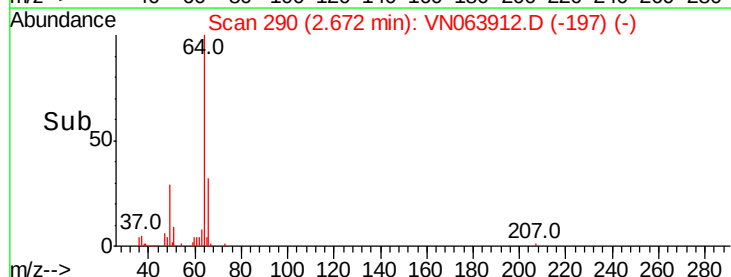
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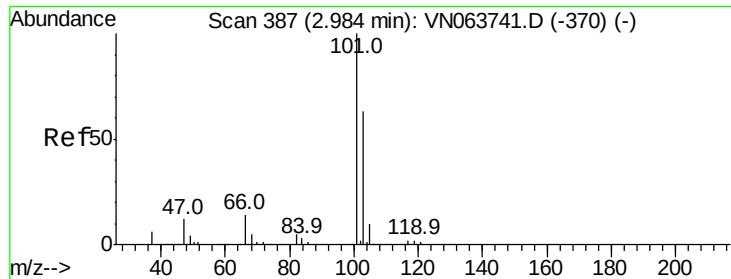
5000

0

Time-->

2.60 2.65 2.70 2.75



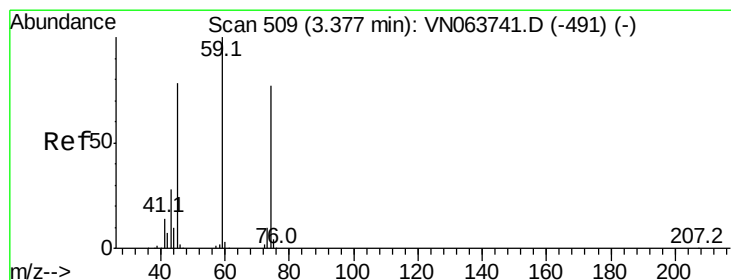
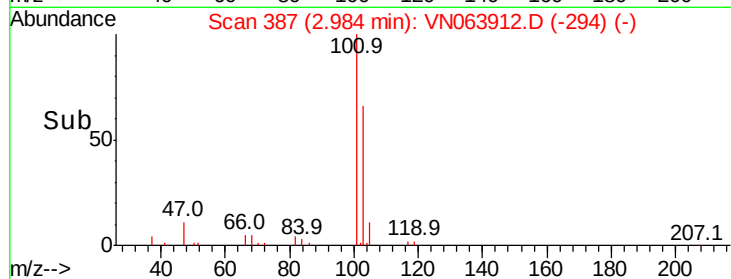
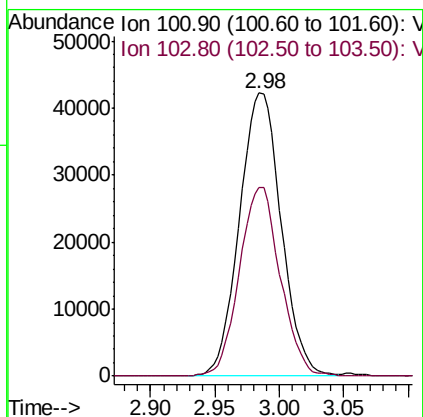
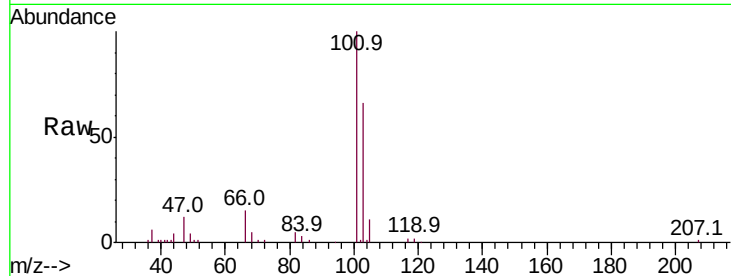


#7

Trichlorofluoromethane
 Concen: 18.472 ug/l
 RT: 2.98 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: VN063912.D
 Acq: 6 Oct 2020 23:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1006WBS04

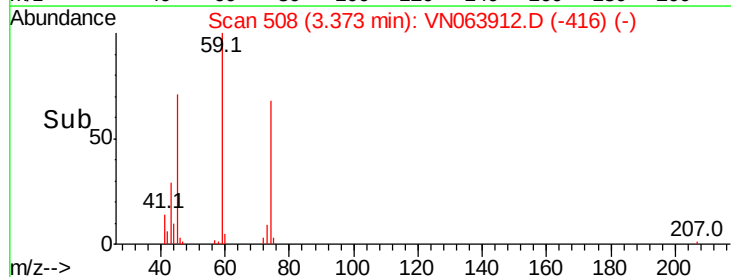
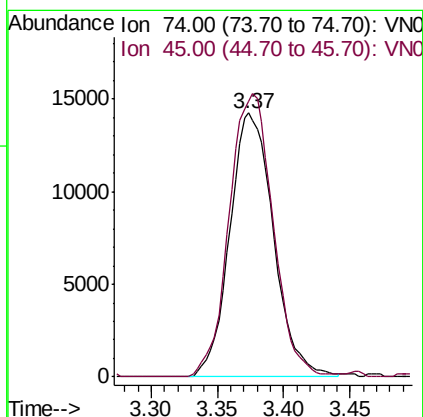
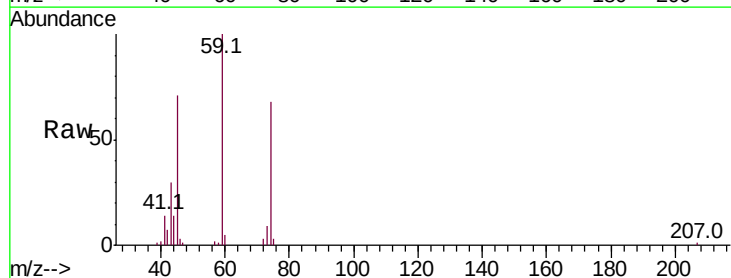
Tot Ion:101 Resp: 95411
 Ion Ratio Lower Upper
 101 100
 103 66.5 50.7 76.1

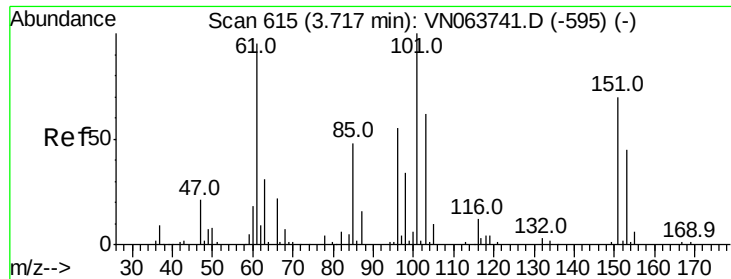


#8

Diethyl Ether
 Concen: 18.702 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN063912.D
 Acq: 6 Oct 2020 23:53

Tgt Ion: 74 Resp: 32670
 Ion Ratio Lower Upper
 74 100
 45 107.6 50.9 152.8

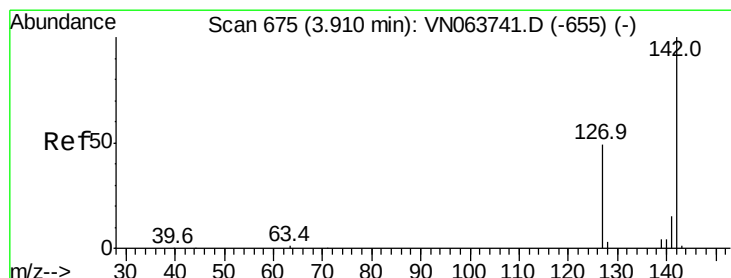
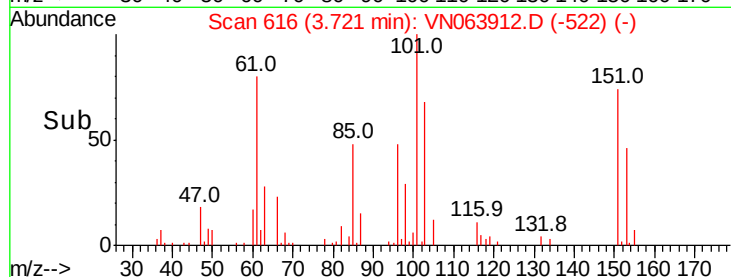
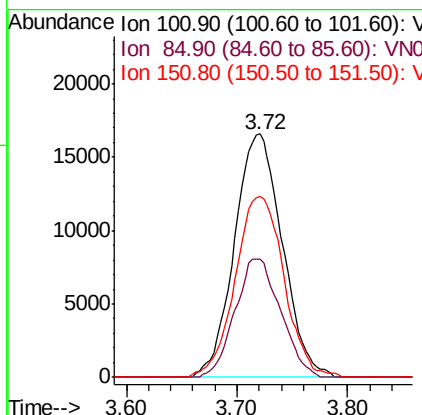
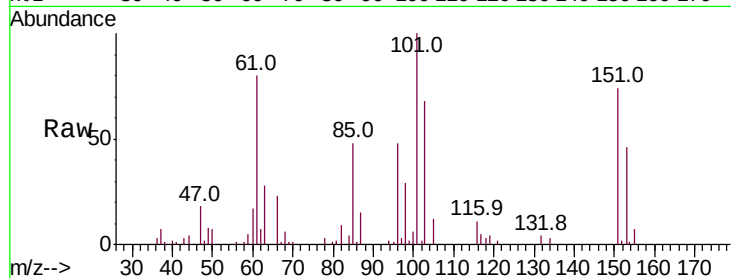




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 18.036 ug/l
 RT: 3.72 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: VN063912.D
 Acq: 6 Oct 2020 23:53

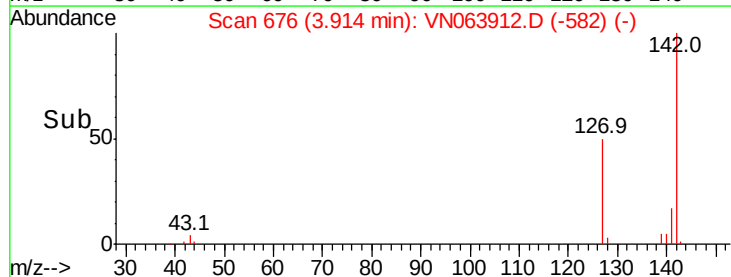
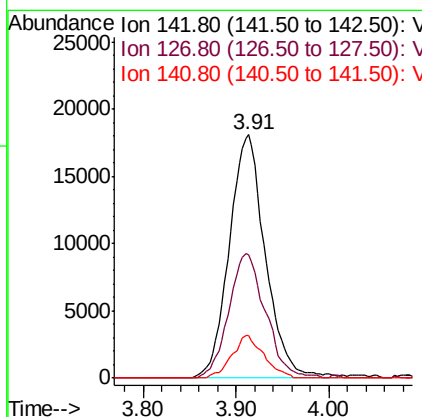
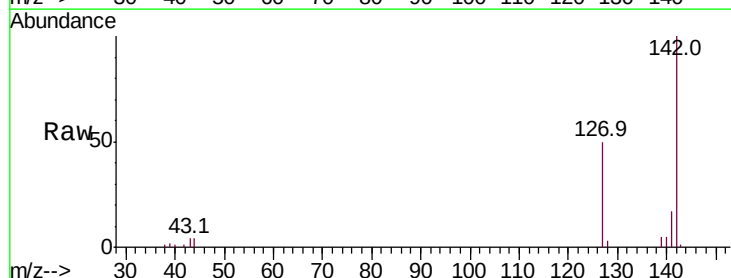
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1006WBS04

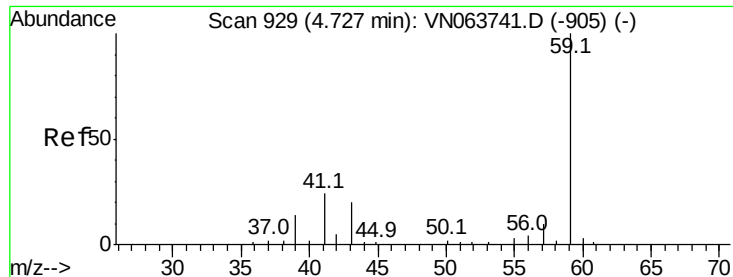
Tot Ion:101 Resp: 49793
 Ion Ratio Lower Upper
 101 100
 85 46.3 38.6 58.0
 151 76.0 58.7 88.1



#10
 Methyl Iodide
 Concen: 15.243 ug/l
 RT: 3.91 min Scan# 676
 Delta R.T. 0.00 min
 Lab File: VN063912.D
 Acq: 6 Oct 2020 23:53

Tgt Ion:142 Resp: 48862
 Ion Ratio Lower Upper
 142 100
 127 52.0 40.5 60.7
 141 15.4 11.7 17.5





#11

Tert butyl alcohol

Concen: 112.801 ug/l

RT: 4.73 min Scan# 931

Delta R.T. 0.01 min

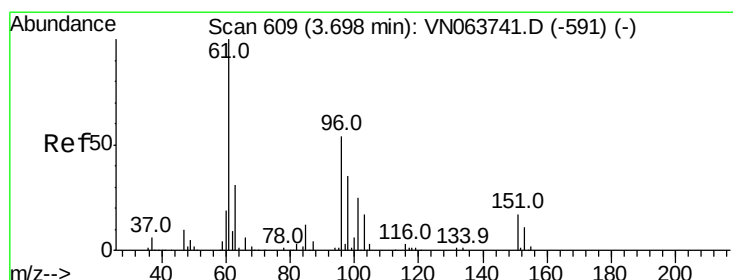
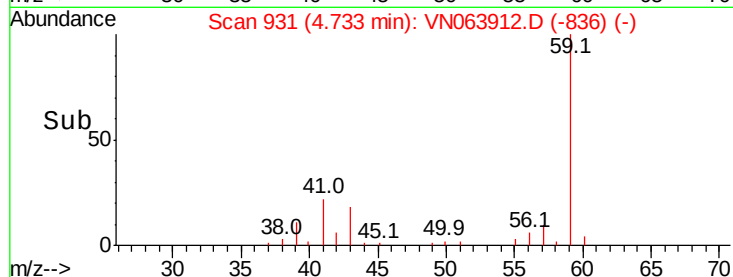
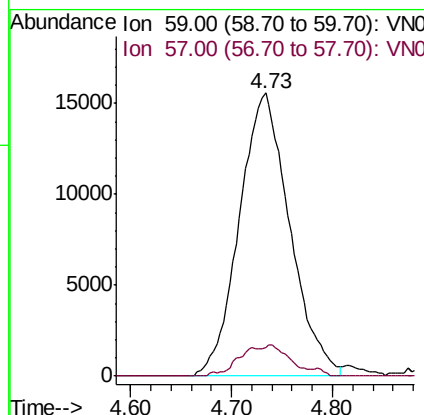
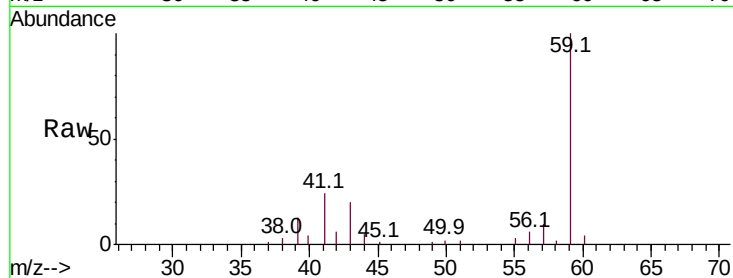
Lab File: VN063912.D

Acq: 6 Oct 2020 23:53

Instrument :
MSVOA_N
ClientSampleId :
VN1006WBS04

Tot Ion: 59 Resp: 53916

Ion	Ratio	Lower	Upper
59	100		
57	5.2	8.7	13.1#



#12

1,1-Dichloroethene

Concen: 18.227 ug/l

RT: 3.70 min Scan# 609

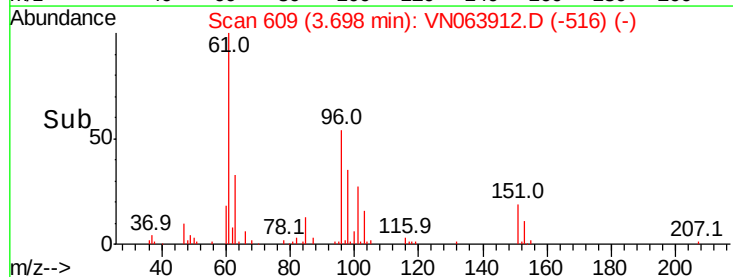
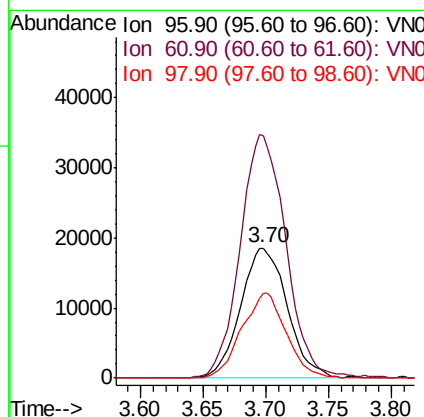
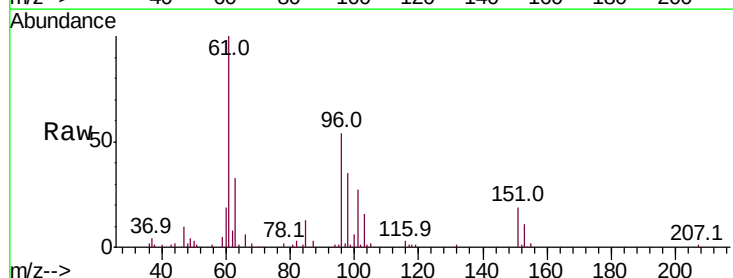
Delta R.T. 0.00 min

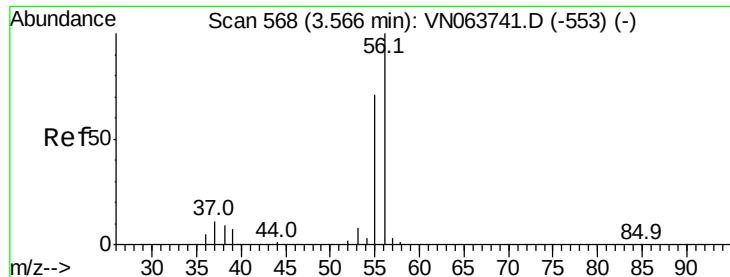
Lab File: VN063912.D

Acq: 6 Oct 2020 23:53

Tgt Ion: 96 Resp: 48099

Ion	Ratio	Lower	Upper
96	100		
61	186.2	147.7	221.5
98	65.1	51.9	77.9





#13

Acrolein

Concen: 134.343 ug/l

RT: 3.57 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN063912.D

Acq: 6 Oct 2020 23:53

Instrument :

MSVOA_N

ClientSampleId :

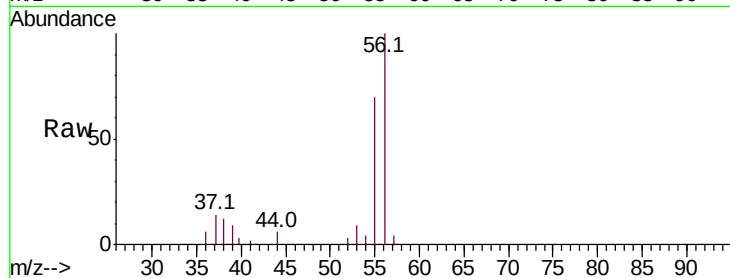
VN1006WBS04

Tot Ion: 56 Resp: 39410

Ion Ratio Lower Upper

56 100

55 72.6 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VN063741.D (-553) (-)

Ion 55.00 (54.70 to 55.70): VN063741.D (-553) (-)

3.57

15000

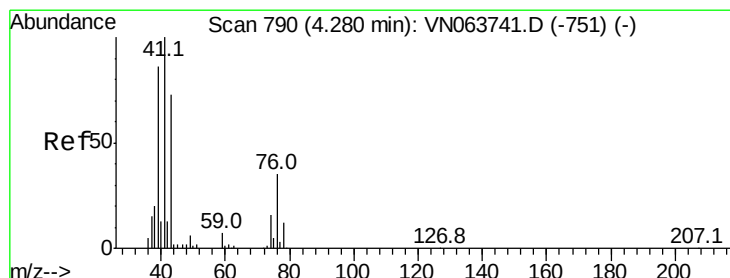
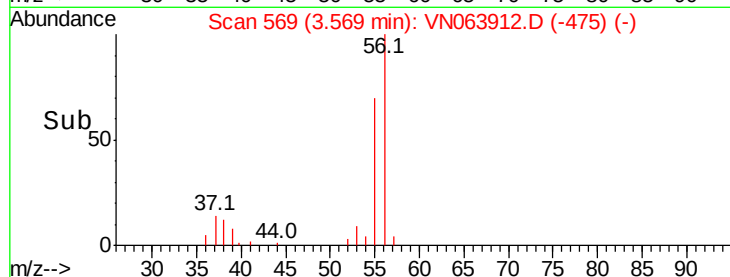
10000

5000

0

Time-->

3.50 3.55 3.60 3.65 3.70



#14

Allyl chloride

Concen: 19.600 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063912.D

Acq: 6 Oct 2020 23:53

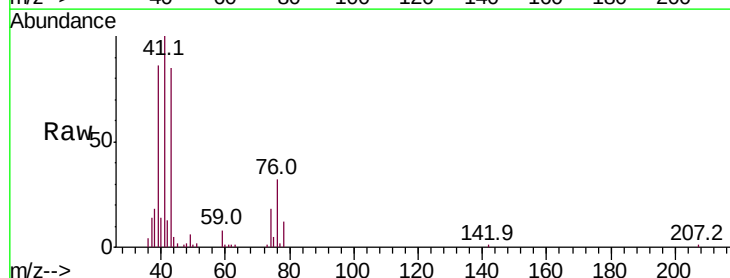
Tgt Ion: 41 Resp: 96087

Ion Ratio Lower Upper

41 100

39 73.9 64.5 96.7

76 29.3 25.9 38.9



Abundance Ion 41.00 (40.70 to 41.70): VN063741.D (-751) (-)

Ion 39.00 (38.70 to 39.70): VN063741.D (-751) (-)

Ion 75.90 (75.60 to 76.60): VN063741.D (-751) (-)

4.28

40000

30000

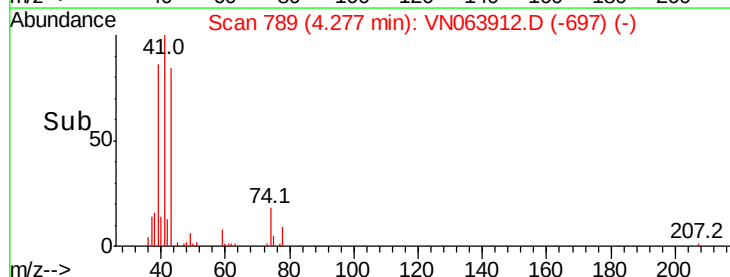
20000

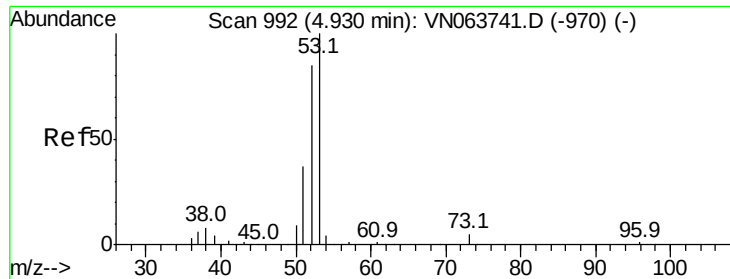
10000

0

Time-->

4.10 4.20 4.30 4.40





#15

Acrylonitrile

Concen: 104.352 ug/l

RT: 4.93 min Scan# 993

Delta R.T. 0.00 min

Lab File: VN063912.D

Acq: 6 Oct 2020 23:53

Instrument :

MSVOA_N

ClientSampleId :

VN1006WBS04

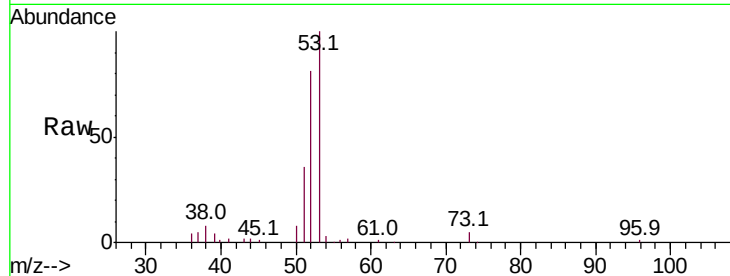
Tot Ion: 53 Resp: 142772

Ion Ratio Lower Upper

53 100

52 82.4 66.5 99.7

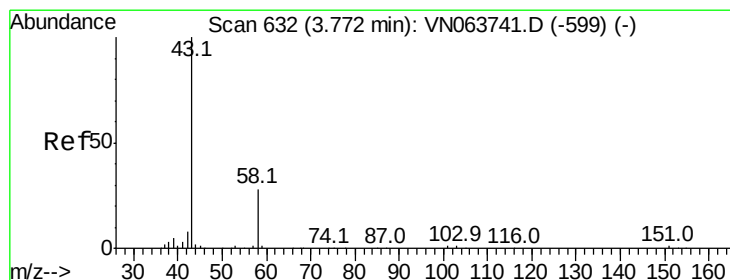
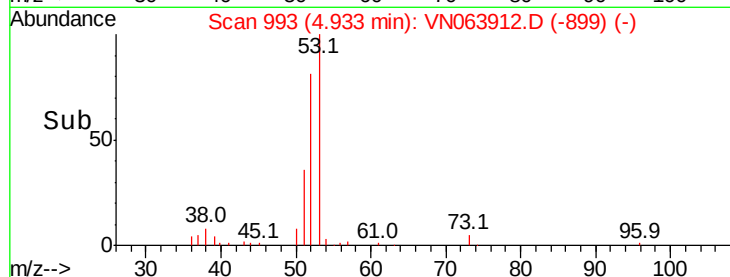
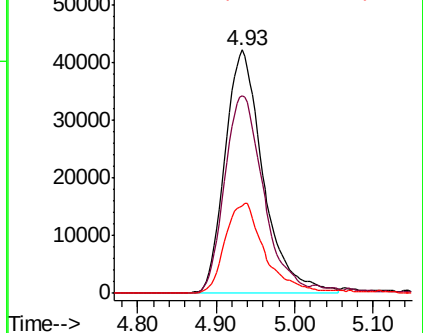
51 38.2 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 106.591 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.01 min

Lab File: VN063912.D

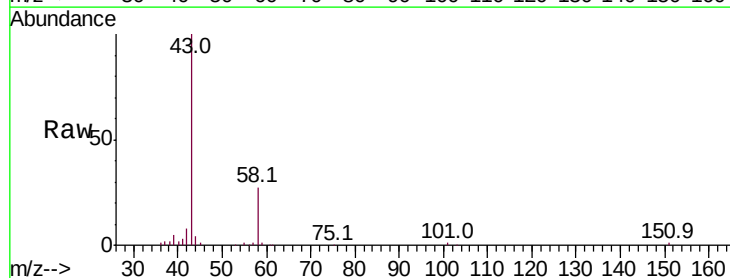
Acq: 6 Oct 2020 23:53

Tgt Ion: 43 Resp: 142055

Ion Ratio Lower Upper

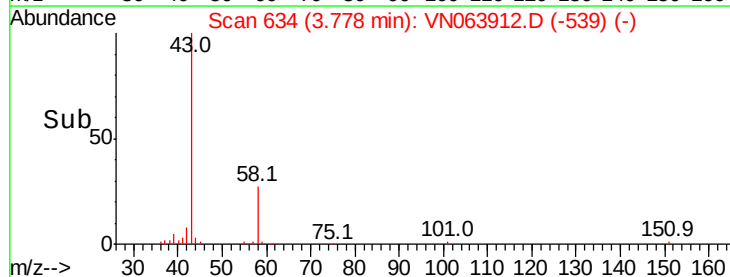
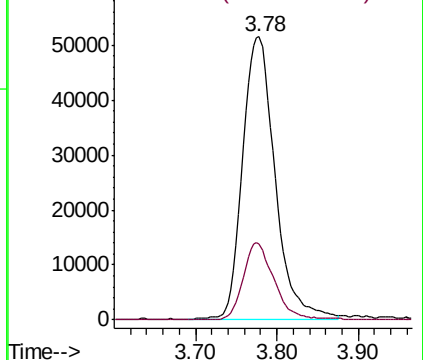
43 100

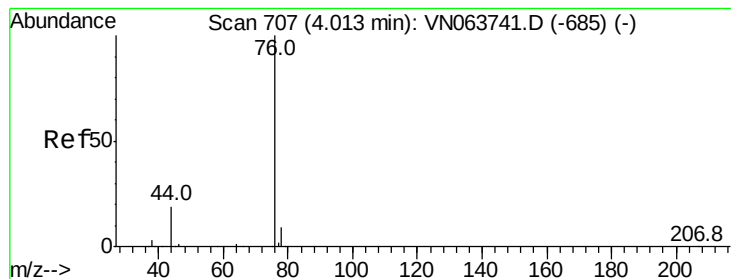
58 26.7 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 18.749 ug/l

RT: 4.01 min Scan# 706

Delta R.T. -0.00 min

Lab File: VN063912.D

Acq: 6 Oct 2020 23:53

Instrument :

MSVOA_N

ClientSampleId :

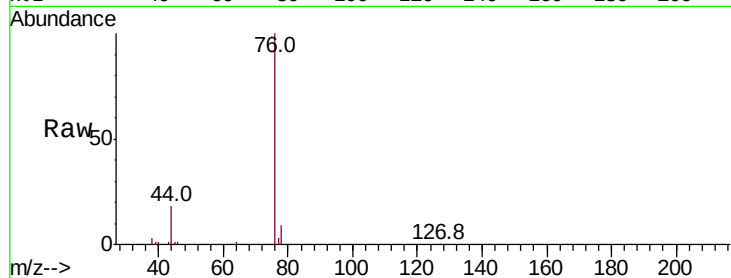
VN1006WBS04

Tot Ion: 76 Resp: 130558

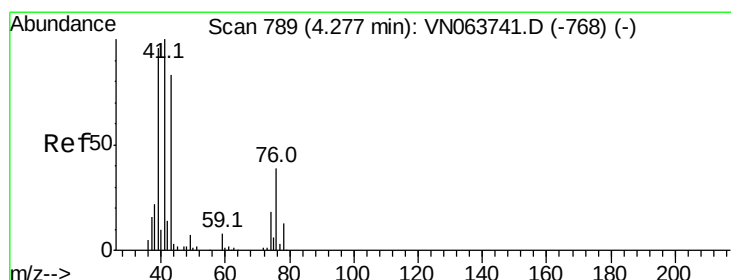
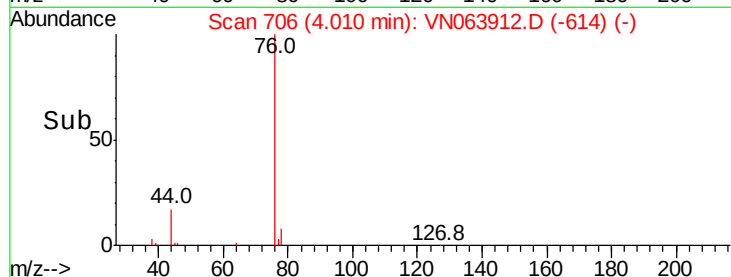
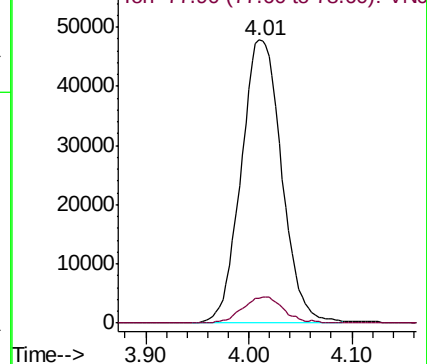
Ion Ratio Lower Upper

76 100

78 9.0 7.0 10.4



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



#18

Methyl Acetate

Concen: 21.579 ug/l

RT: 4.28 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN063912.D

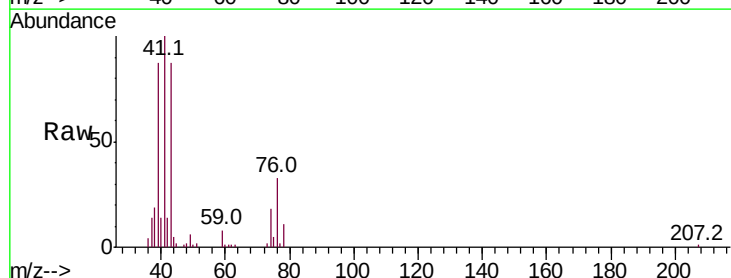
Acq: 6 Oct 2020 23:53

Tgt Ion: 43 Resp: 74667

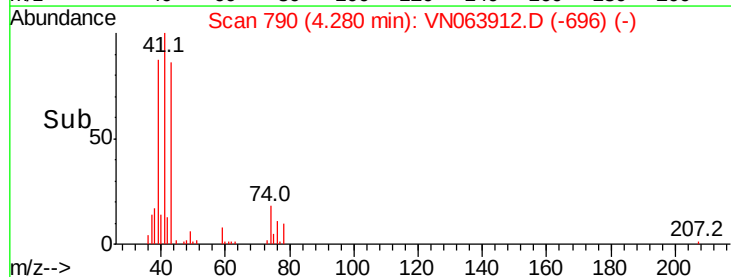
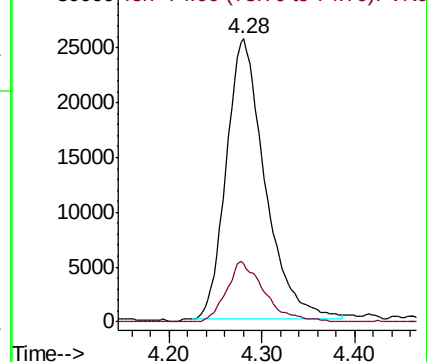
Ion Ratio Lower Upper

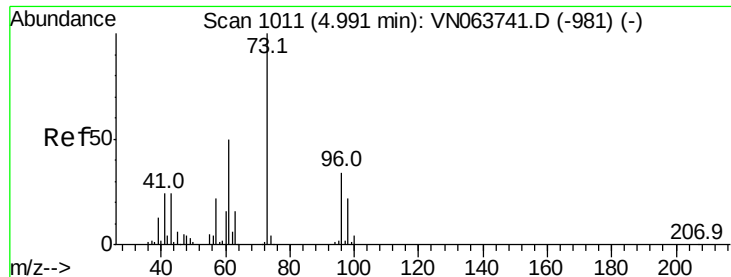
43 100

74 20.9 17.4 26.2



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

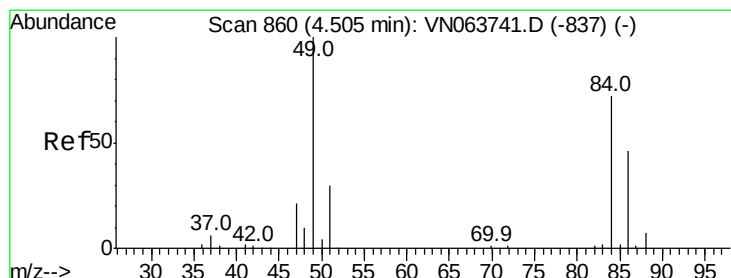
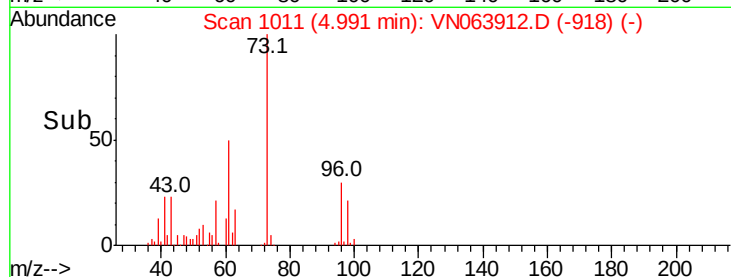
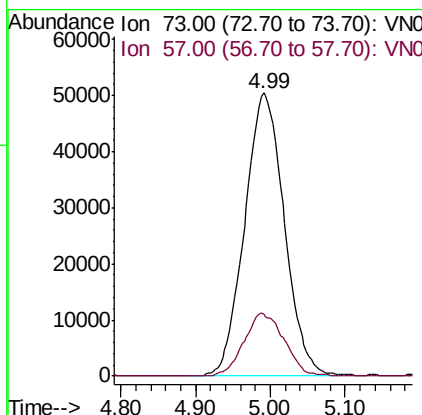
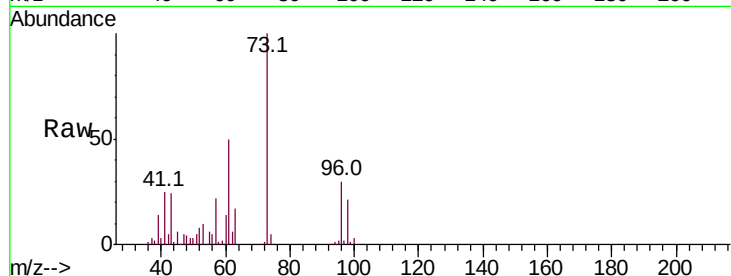




#19
Methyl tert-butyl Ether
Concen: 19.402 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063912.D
Acq: 6 Oct 2020 23:53

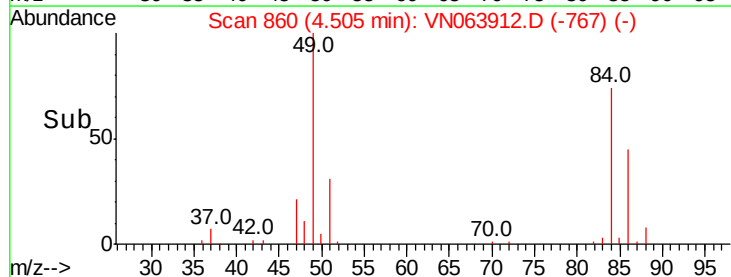
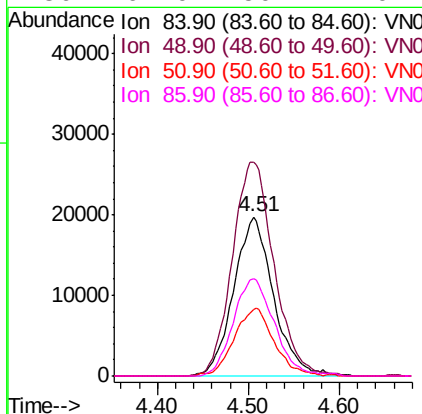
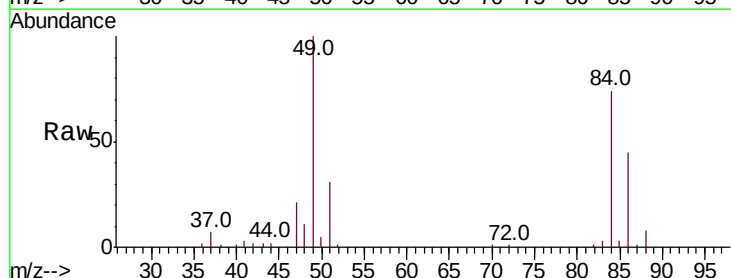
Instrument :
MSVOA_N
ClientSampleId :
VN1006WBS04

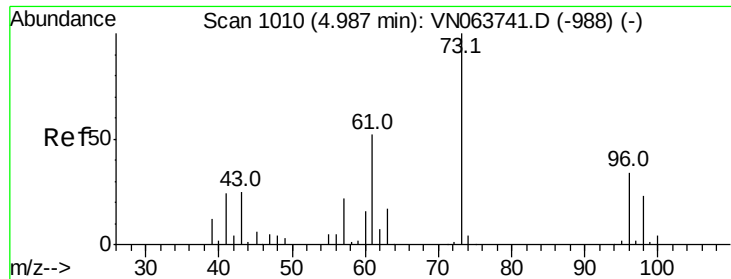
Tot Ion: 73 Resp: 186007
Ion Ratio Lower Upper
73 100
57 21.9 17.6 26.4



#20
Methylene Chloride
Concen: 19.697 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063912.D
Acq: 6 Oct 2020 23:53

Tgt Ion: 84 Resp: 59944
Ion Ratio Lower Upper
84 100
49 134.3 110.4 165.6
51 41.6 33.3 49.9
86 61.0 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 17.799 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. 0.00 min

Lab File: VN063912.D

Acq: 6 Oct 2020 23:53

Instrument :

MSVOA_N

ClientSampleId :

VN1006WBS04

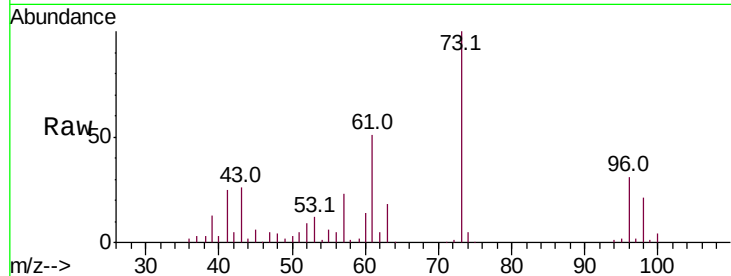
Tot Ion: 96 Resp: 52609

Ion Ratio Lower Upper

96 100

61 168.7 120.2 180.2

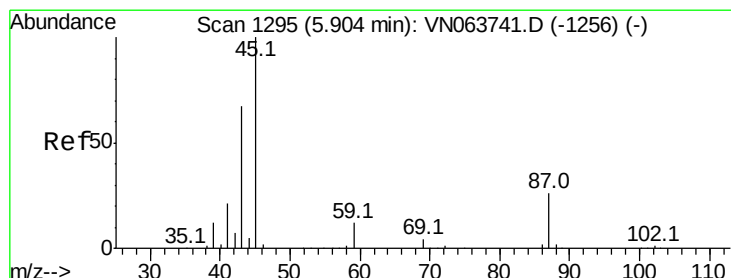
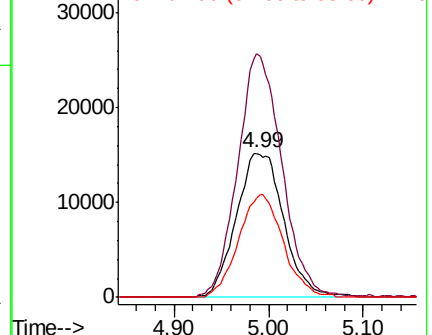
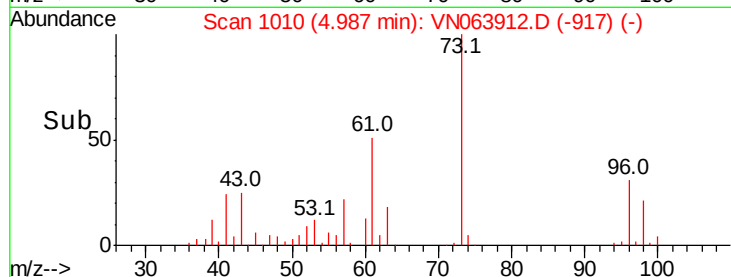
98 68.8 52.6 79.0



Abundance Ion 95.90 (95.60 to 96.60): VN063912.D (-917) (-)

Ion 60.90 (60.60 to 61.60): VN063912.D (-917) (-)

Ion 97.90 (97.60 to 98.60): VN063912.D (-917) (-)



#22

Diisopropyl ether

Concen: 20.504 ug/l

RT: 5.90 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VN063912.D

Acq: 6 Oct 2020 23:53

Tgt Ion: 45 Resp: 206811

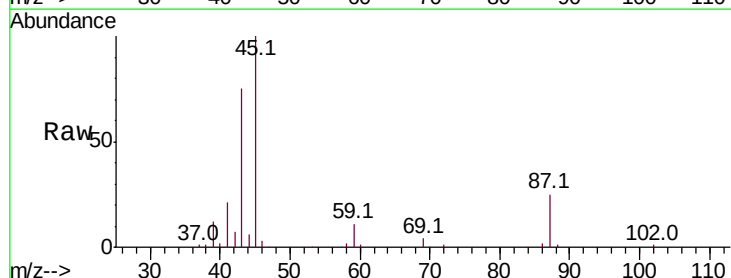
Ion Ratio Lower Upper

45 100

43 71.1 53.7 80.5

87 24.6 21.1 31.7

59 11.1 9.2 13.8

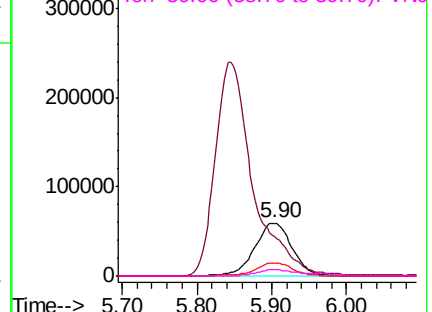
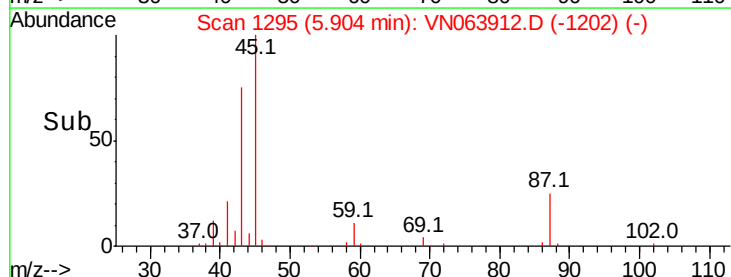


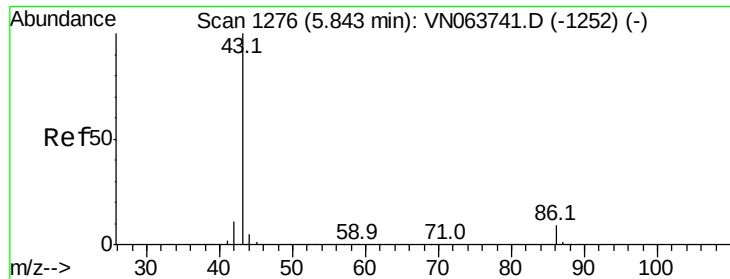
Abundance Ion 45.00 (44.70 to 45.70): VN063912.D (-1202) (-)

Ion 43.00 (42.70 to 43.70): VN063912.D (-1202) (-)

Ion 87.00 (86.70 to 87.70): VN063912.D (-1202) (-)

Ion 59.00 (58.70 to 59.70): VN063912.D (-1202) (-)

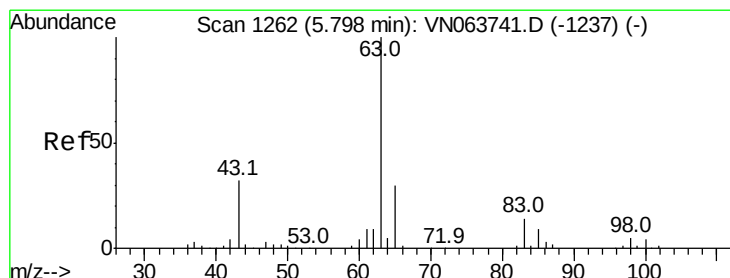
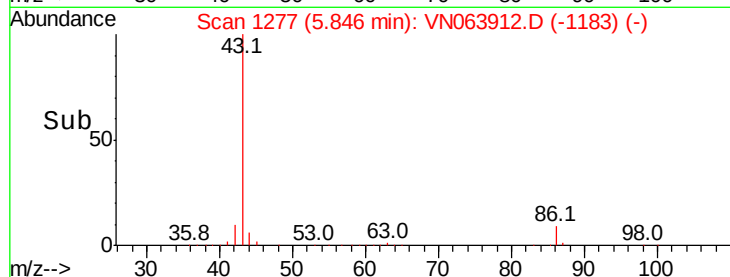
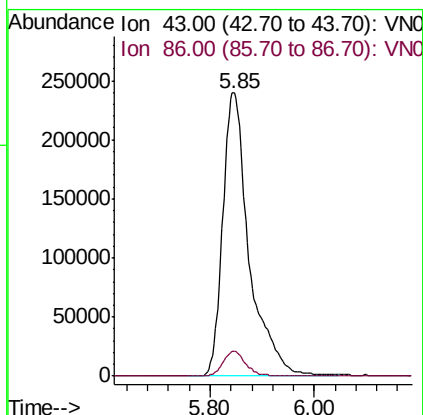
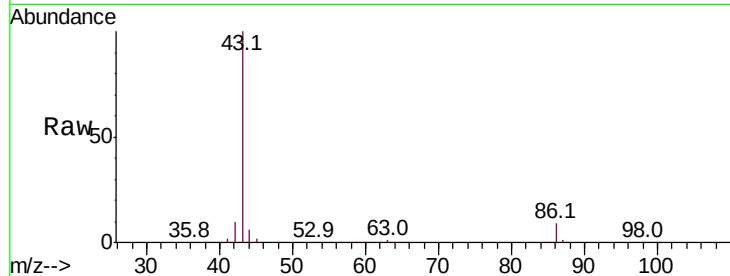




#23
 Vinyl Acetate
 Concen: 101.340 ug/l
 RT: 5.85 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VN063912.D
 Acq: 6 Oct 2020 23:53

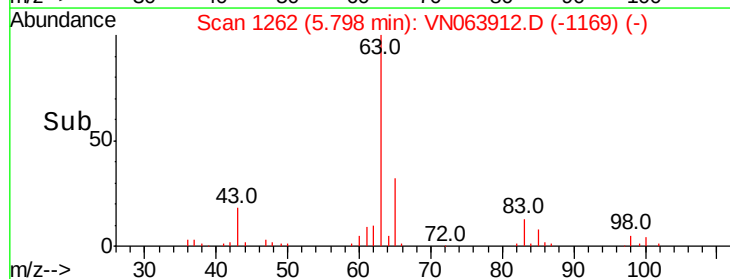
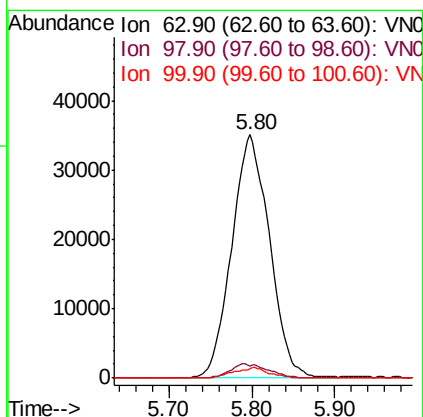
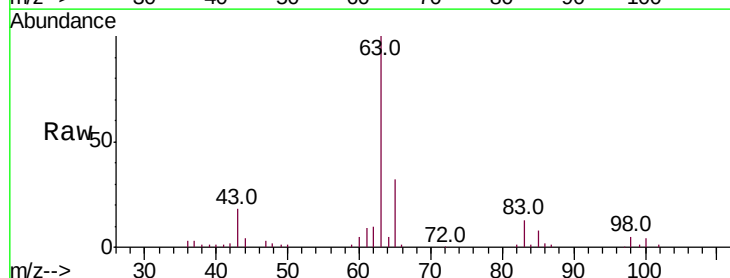
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1006WBS04

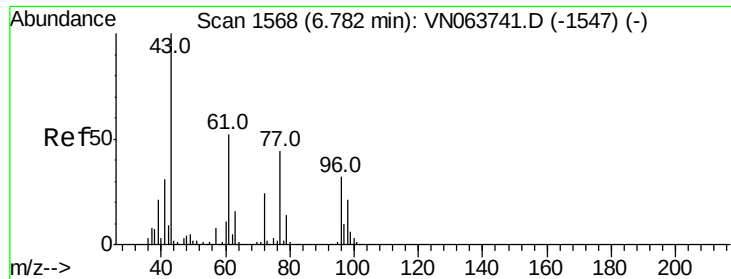
Tot Ion: 43 Resp: 846721
 Ion Ratio Lower Upper
 43 100
 86 9.0 7.3 10.9



#24
 1,1-Dichloroethane
 Concen: 19.273 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: VN063912.D
 Acq: 6 Oct 2020 23:53

Tgt Ion: 63 Resp: 111151
 Ion Ratio Lower Upper
 63 100
 98 4.9 2.7 8.1
 100 3.9 1.9 5.7





#25

2-Butanone

Concen: 109.040 ug/l

RT: 6.79 min Scan# 1570

Delta R.T. 0.01 min

Lab File: VN063912.D

Acq: 6 Oct 2020 23:53

Instrument :

MSVOA_N

ClientSampleId :

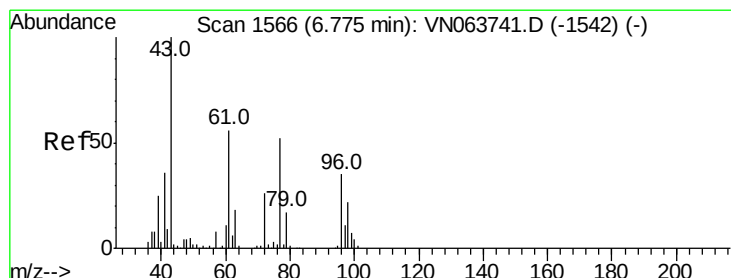
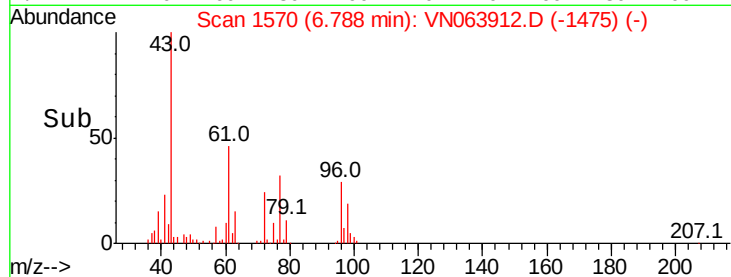
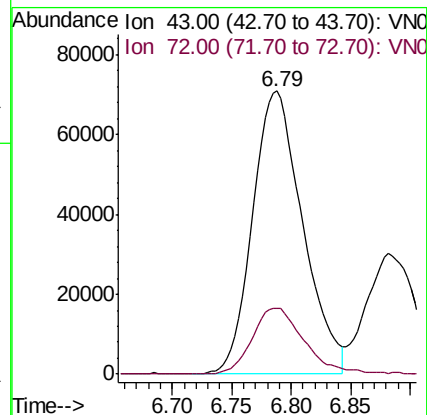
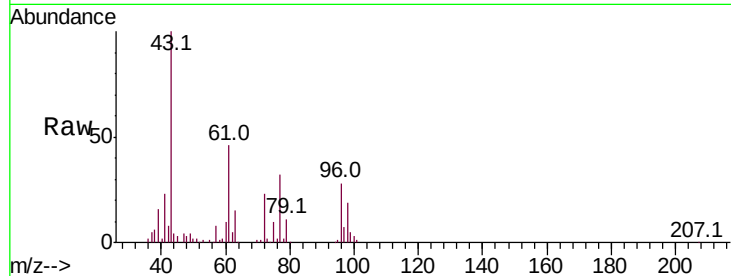
VN1006WBS04

Tot Ion: 43 Resp: 206027

Ion Ratio Lower Upper

43 100

72 23.5 19.3 28.9



#26

2,2-Dichloropropane

Concen: 15.890 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN063912.D

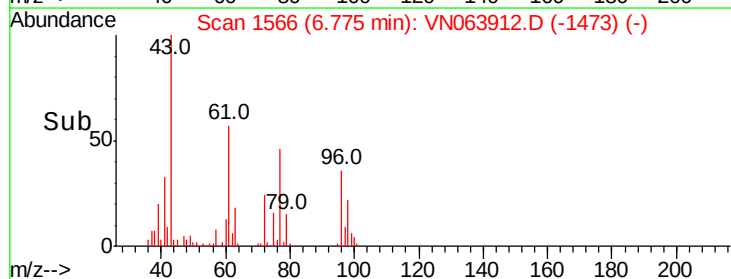
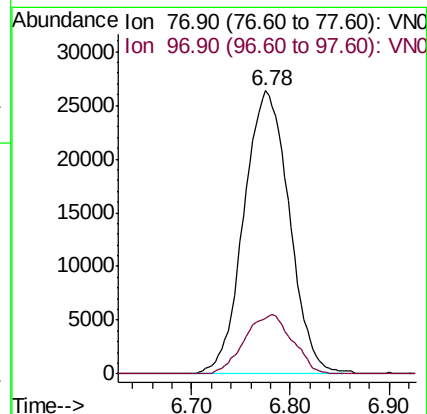
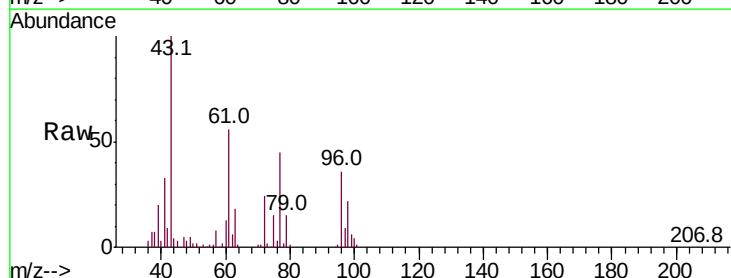
Acq: 6 Oct 2020 23:53

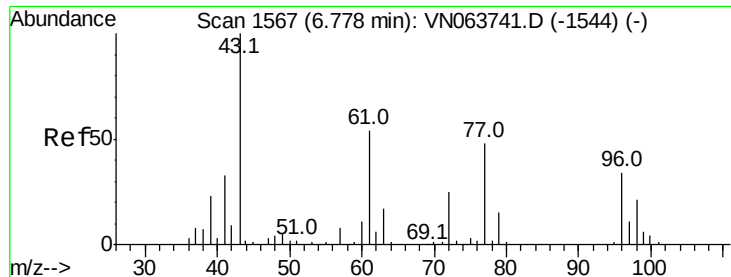
Tgt Ion: 77 Resp: 83924

Ion Ratio Lower Upper

77 100

97 22.0 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 18.810 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN063912.D

Acq: 6 Oct 2020 23:53

Instrument :

MSVOA_N

ClientSampleId :

VN1006WBS04

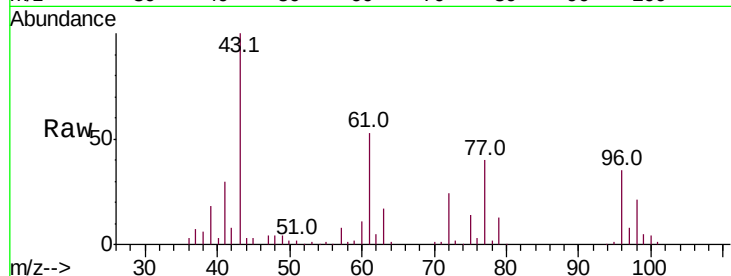
Tot Ion: 96 Resp: 63942

Ion Ratio Lower Upper

96 100

61 162.5 0.0 321.2

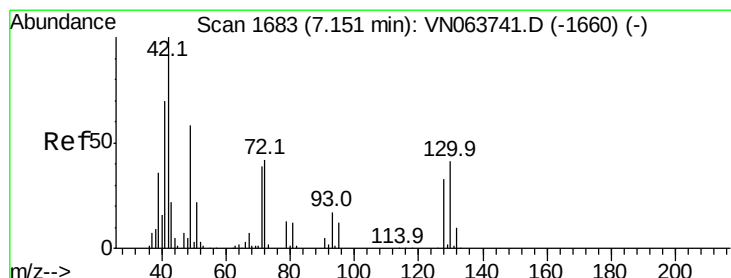
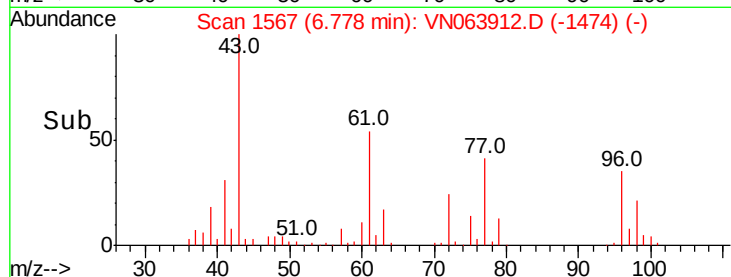
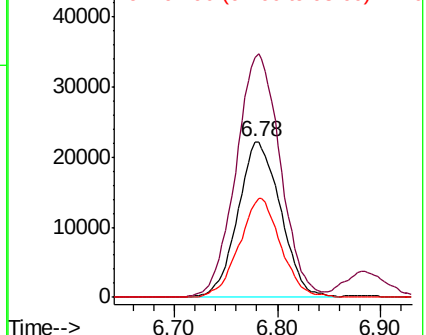
98 61.7 0.0 124.4



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 20.094 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN063912.D

Acq: 6 Oct 2020 23:53

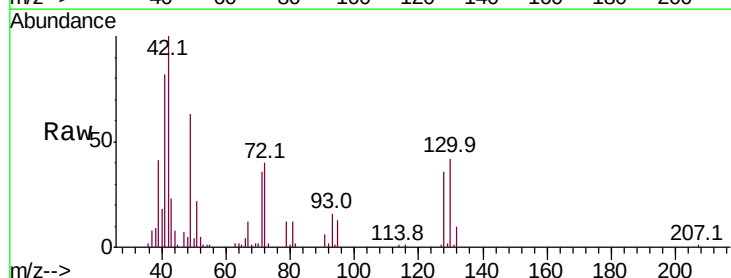
Tgt Ion: 49 Resp: 57278

Ion Ratio Lower Upper

49 100

129 1.2 0.0 4.8

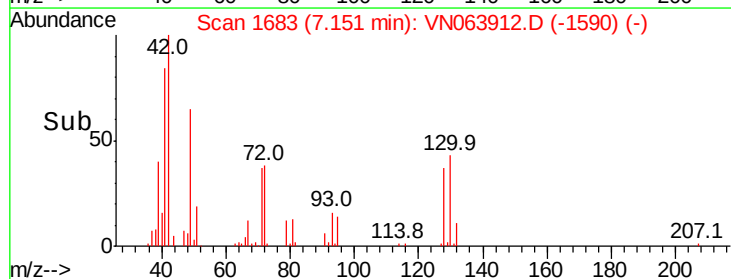
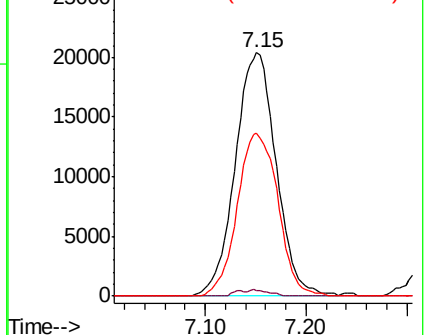
130 66.7 55.6 83.4

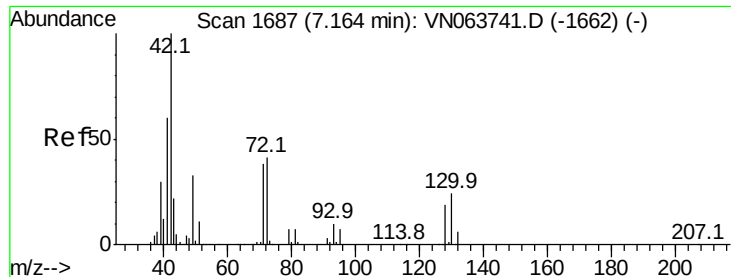


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 108.847 ug/l

RT: 7.17 min Scan# 1689

Delta R.T. 0.01 min

Lab File: VN063912.D

Acq: 6 Oct 2020 23:53

Instrument :

MSVOA_N

ClientSampleId :

VN1006WBS04

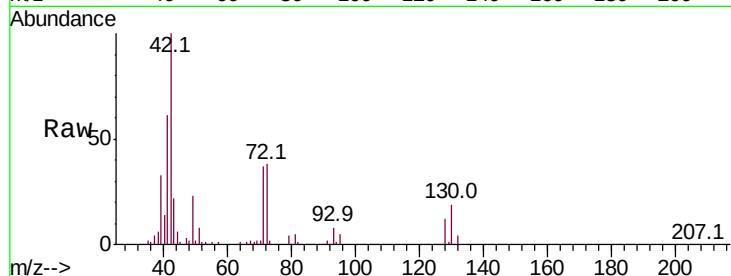
Tot Ion: 42 Resp: 137936

Ion Ratio Lower Upper

42 100

72 38.8 32.8 49.2

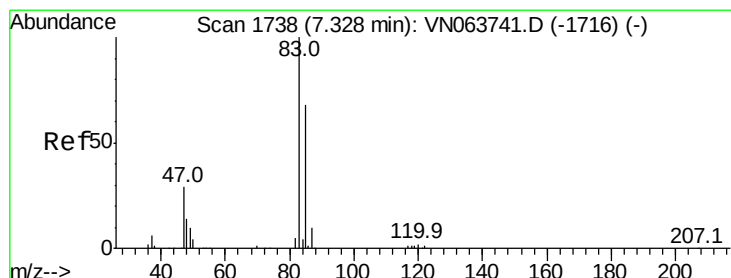
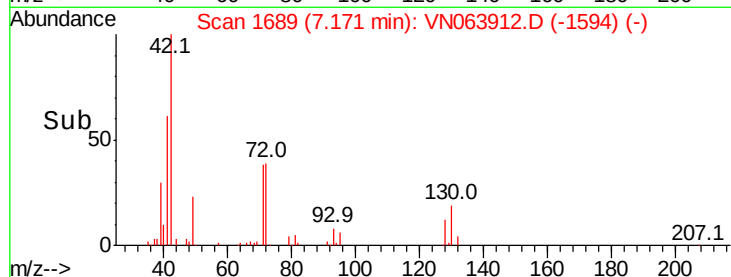
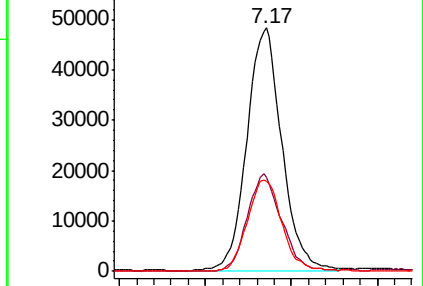
71 36.9 30.6 45.8



Abundance Ion 42.00 (41.70 to 42.70): VN063741.D (-1662) (-)

Ion 72.00 (71.70 to 72.70): VN063741.D (-1662) (-)

Ion 71.00 (70.70 to 71.70): VN063741.D (-1662) (-)



#30

Chloroform

Concen: 19.838 ug/l

RT: 7.33 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VN063912.D

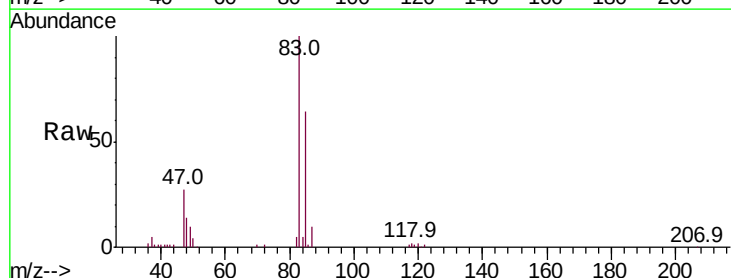
Acq: 6 Oct 2020 23:53

Tgt Ion: 83 Resp: 119291

Ion Ratio Lower Upper

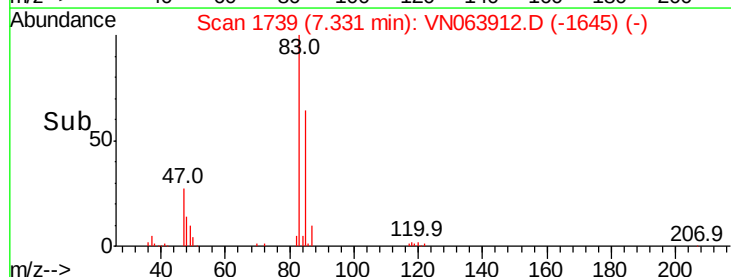
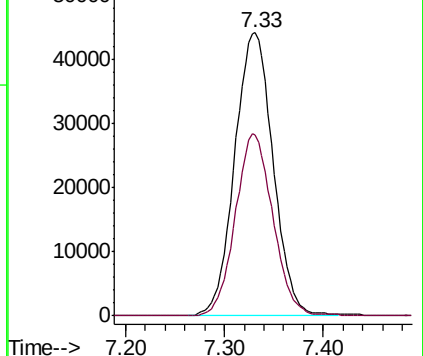
83 100

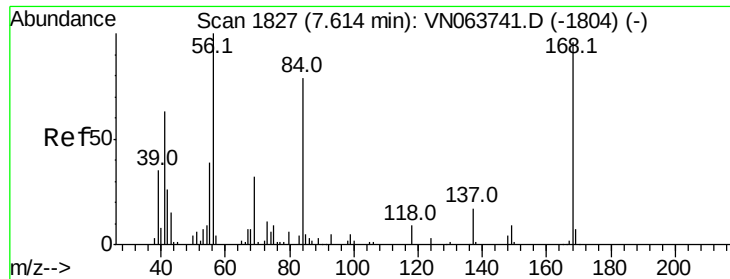
85 63.8 54.6 82.0



Abundance Ion 82.90 (82.60 to 83.60): VN063741.D (-1716) (-)

Ion 84.90 (84.60 to 85.60): VN063741.D (-1716) (-)

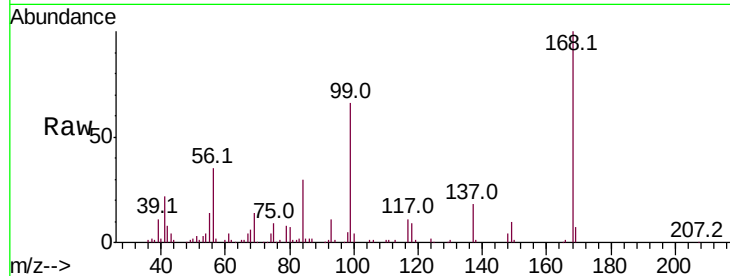




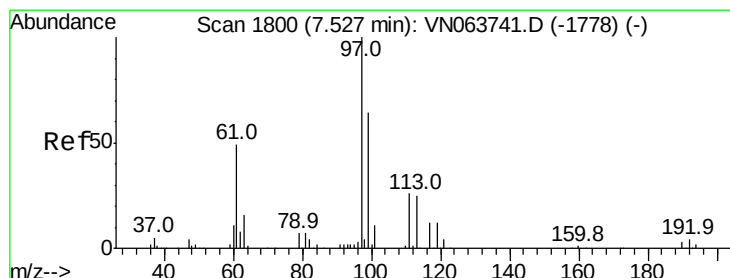
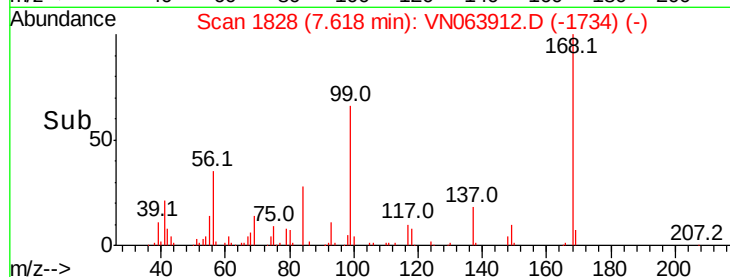
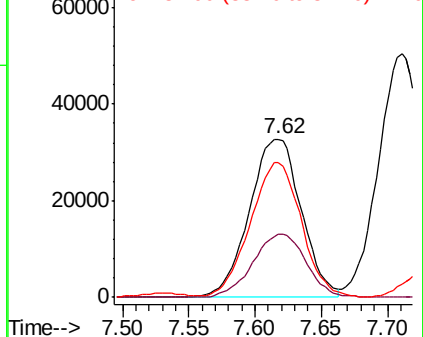
#31
Cyclohexane
Concen: 17.841 ug/l
RT: 7.62 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN063912.D
Acq: 6 Oct 2020 23:53

Instrument :
MSVOA_N
ClientSampled :
VN1006WBS04

Tot Ion: 56 Resp: 89669
Ion Ratio Lower Upper
56 100
69 39.5 25.4 38.2#
84 84.4 63.3 94.9

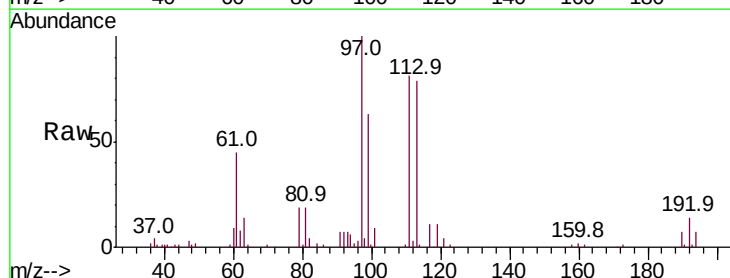


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

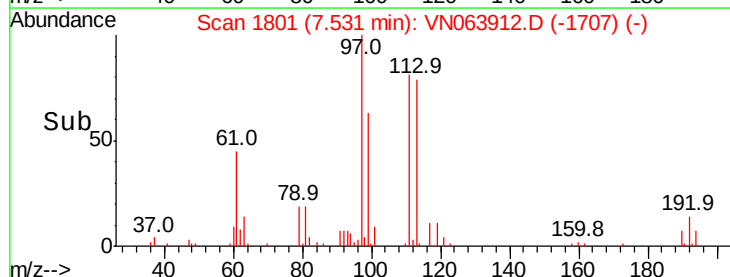
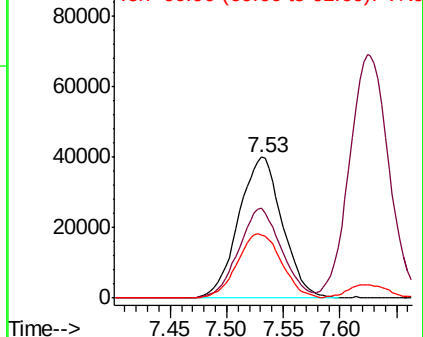


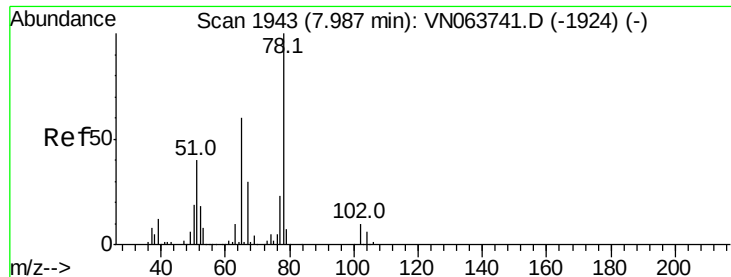
#32
1,1,1-Trichloroethane
Concen: 19.798 ug/l
RT: 7.53 min Scan# 1801
Delta R.T. 0.00 min
Lab File: VN063912.D
Acq: 6 Oct 2020 23:53

Tgt Ion: 97 Resp: 107382
Ion Ratio Lower Upper
97 100
99 62.7 51.0 76.6
61 46.3 38.7 58.1



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

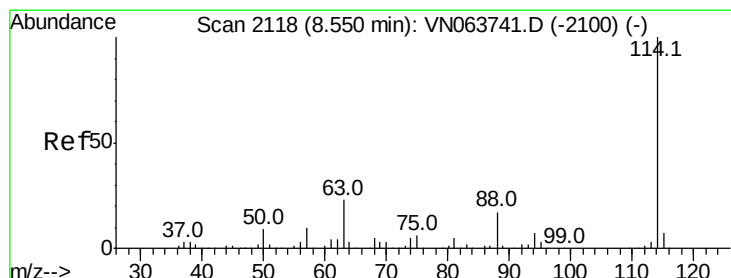
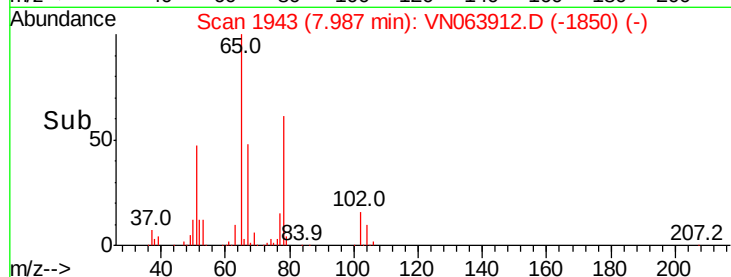
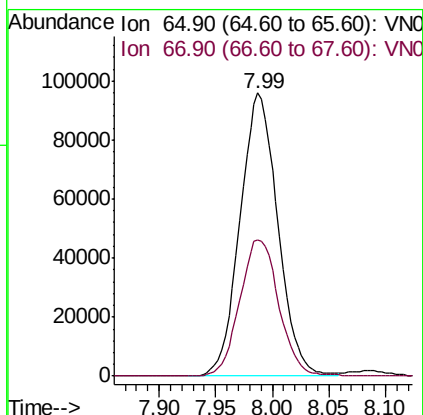
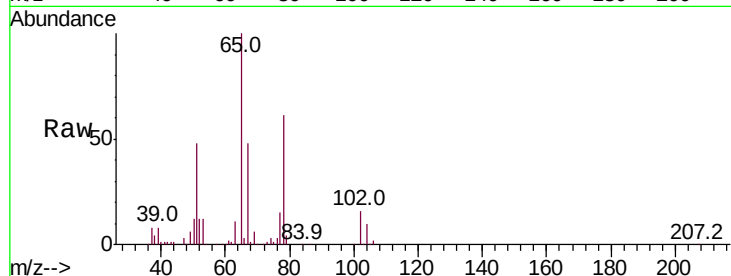




#33
 1,2-Dichloroethane-d4
 Concen: 51.491 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN063912.D
 Acq: 6 Oct 2020 23:53

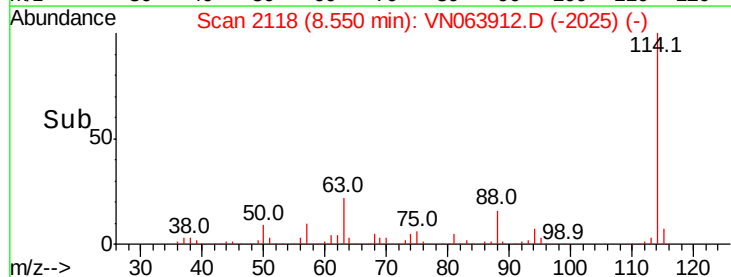
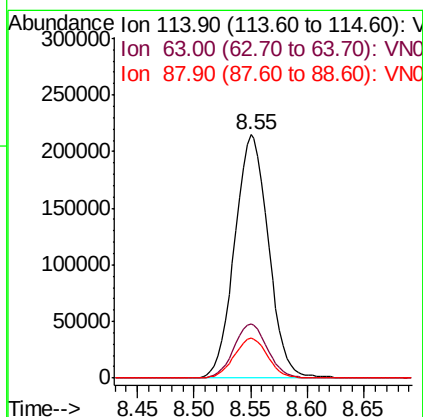
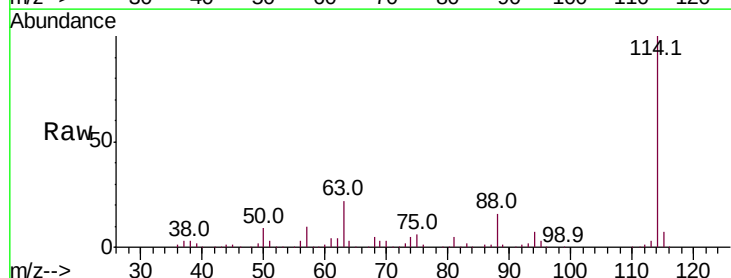
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1006WBS04

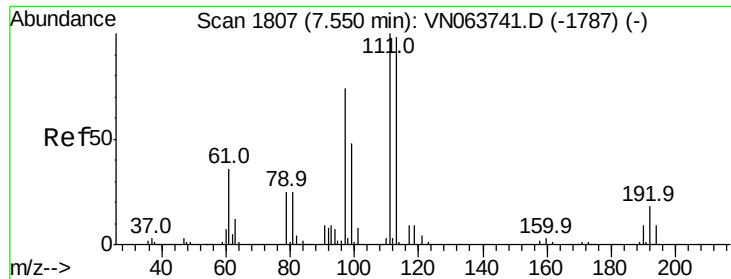
Tot Ion: 65 Resp: 222924
 Ion Ratio Lower Upper
 65 100
 67 49.7 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063912.D
 Acq: 6 Oct 2020 23:53

Tgt Ion: 114 Resp: 447135
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 45.0
 88 16.4 0.0 34.0

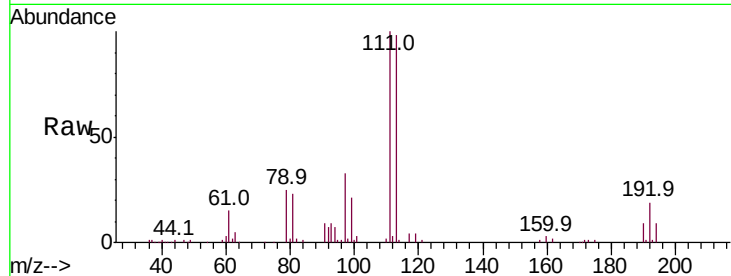




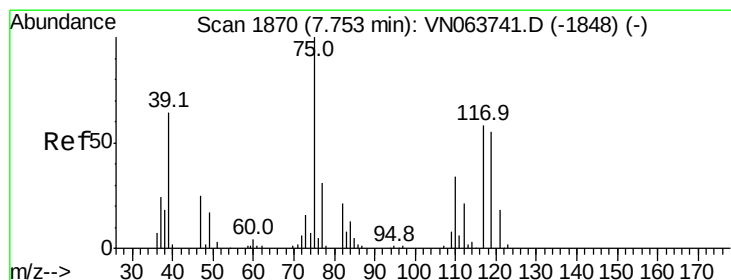
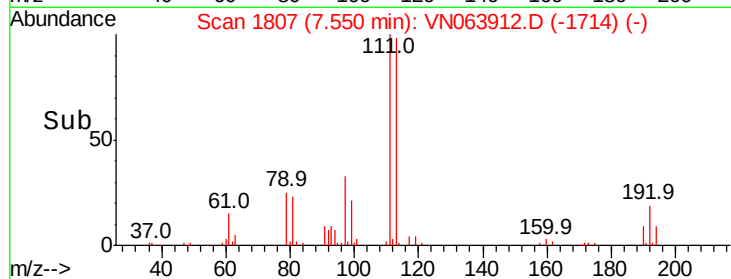
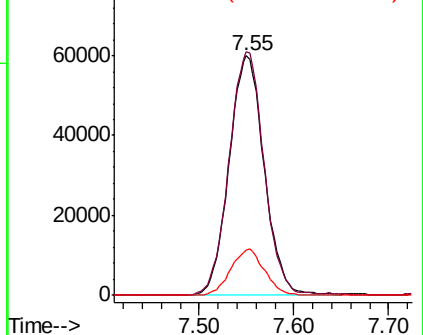
#35
 Dibromofluoromethane
 Concen: 49.810 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063912.D
 Acq: 6 Oct 2020 23:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1006WBS04

Tot Ion:113 Resp: 154538
 Ion Ratio Lower Upper
 113 100
 111 101.2 81.8 122.8
 192 18.6 14.2 21.2

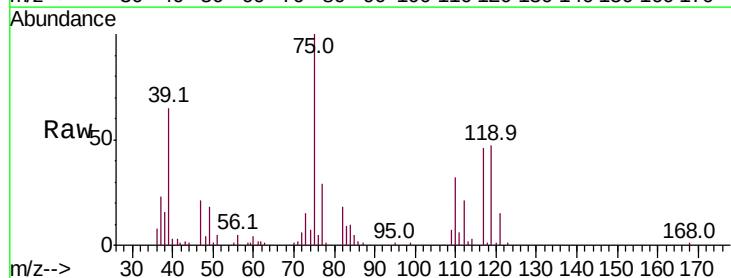


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

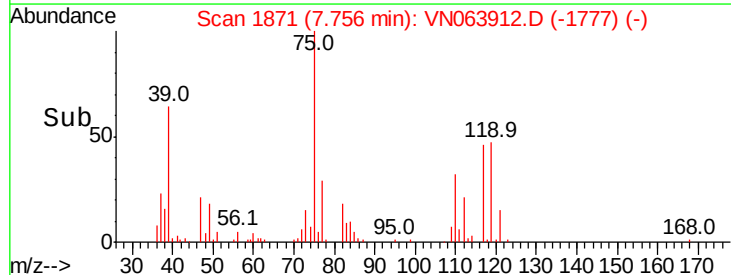
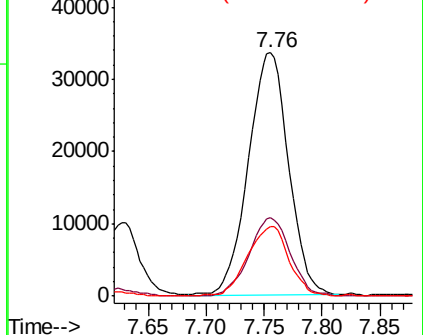


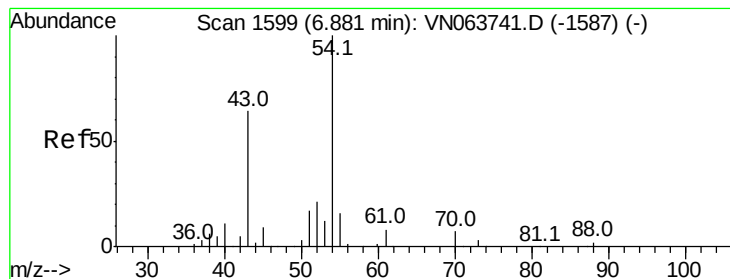
#36
 1,1-Dichloropropene
 Concen: 17.887 ug/l
 RT: 7.76 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN063912.D
 Acq: 6 Oct 2020 23:53

Tgt Ion: 75 Resp: 81027
 Ion Ratio Lower Upper
 75 100
 110 32.9 16.9 50.6
 77 29.4 24.5 36.7



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V





#37

Ethyl Acetate

Concen: 18.702 ug/l

RT: 6.88 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VN063912.D

Acq: 6 Oct 2020 23:53

Instrument :

MSVOA_N

ClientSampleId :

VN1006WBS04

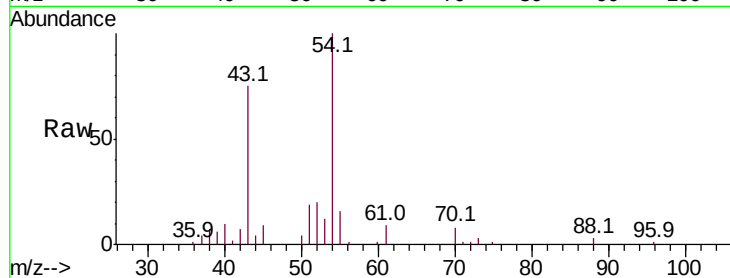
Tot Ion: 43 Resp: 84171

Ion Ratio Lower Upper

43 100

61 13.0 10.4 15.6

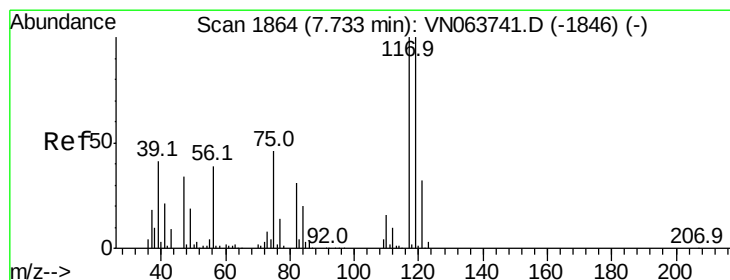
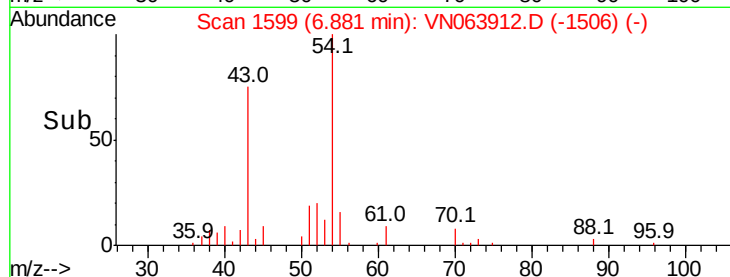
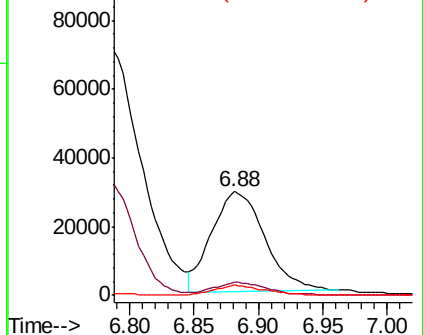
70 9.5 7.3 10.9



Abundance Ion 43.00 (42.70 to 43.70): VN063741.D (-1587) (-)

Ion 60.90 (60.60 to 61.60): VN063741.D (-1587) (-)

Ion 70.00 (69.70 to 70.70): VN063741.D (-1587) (-)



#38

Carbon Tetrachloride

Concen: 18.096 ug/l

RT: 7.74 min Scan# 1865

Delta R.T. 0.00 min

Lab File: VN063912.D

Acq: 6 Oct 2020 23:53

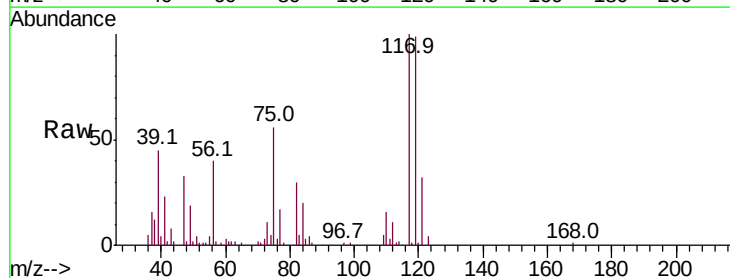
Tgt Ion: 117 Resp: 91922

Ion Ratio Lower Upper

117 100

119 99.2 80.1 120.1

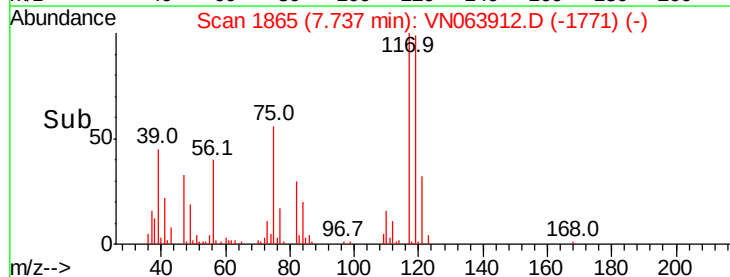
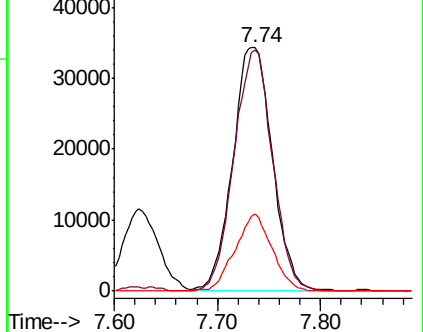
121 31.6 25.7 38.5

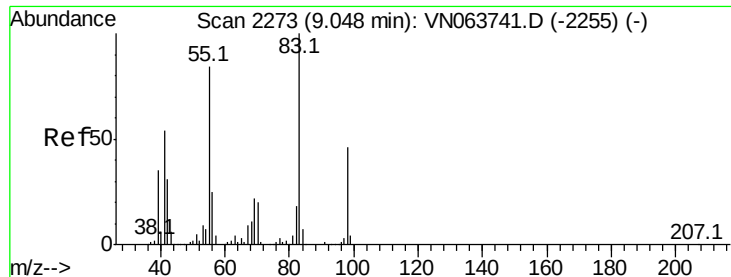


Abundance Ion 116.80 (116.50 to 117.50): VN063741.D (-1846) (-)

Ion 118.80 (118.50 to 119.50): VN063741.D (-1846) (-)

Ion 120.80 (120.50 to 121.50): VN063741.D (-1846) (-)

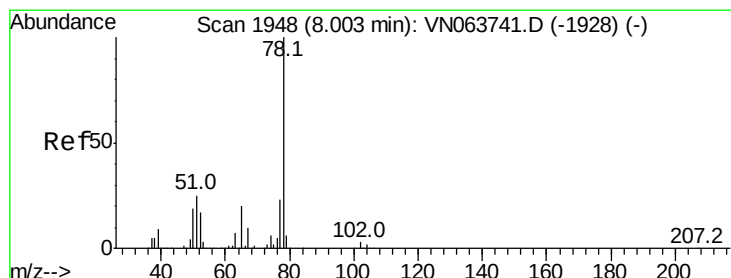
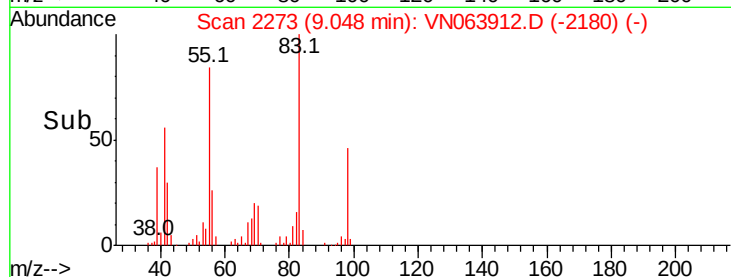
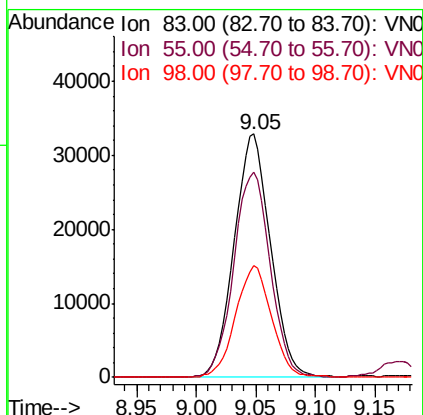
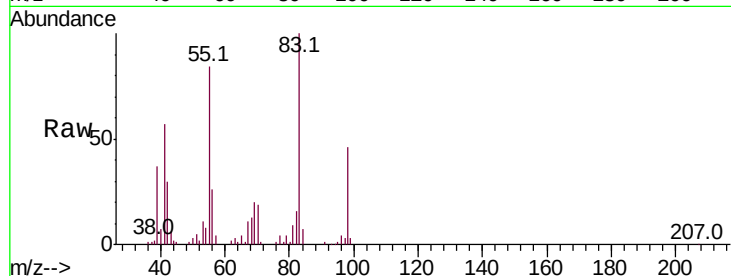




#39
Methylvlcyclohexane
Concen: 15.440 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063912.D
Acq: 6 Oct 2020 23:53

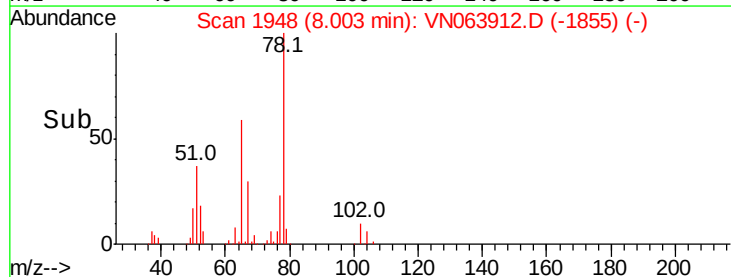
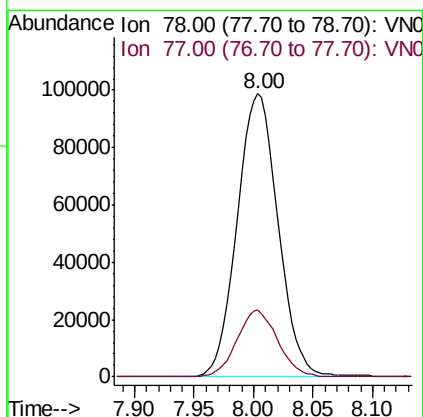
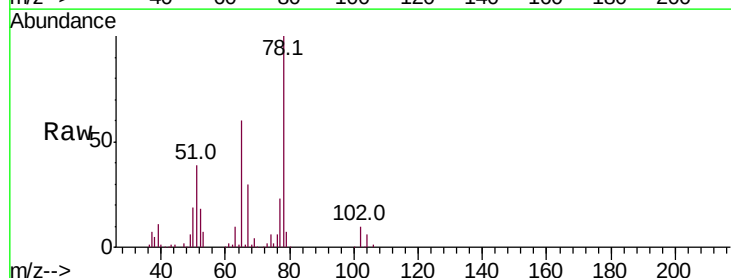
Instrument :
MSVOA_N
ClientSampleId :
VN1006WBS04

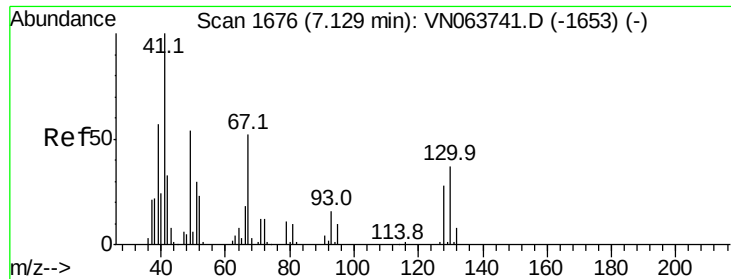
Tot Ion: 83 Resp: 69748
Ion Ratio Lower Upper
83 100
55 84.1 67.1 100.7
98 45.7 36.6 54.8



#40
Benzene
Concen: 18.172 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063912.D
Acq: 6 Oct 2020 23:53

Tgt Ion: 78 Resp: 235121
Ion Ratio Lower Upper
78 100
77 23.5 18.7 28.1

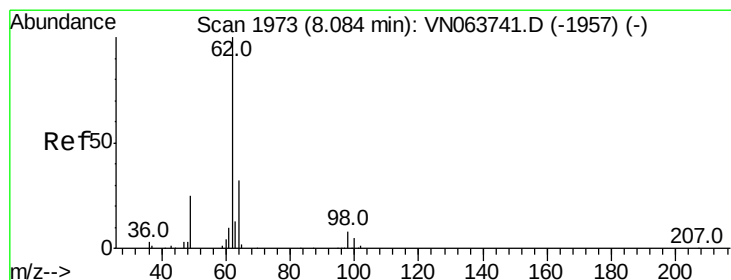
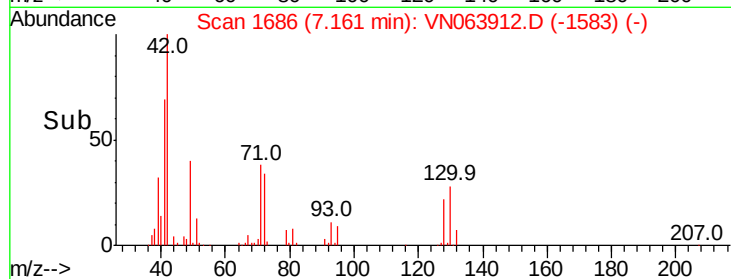
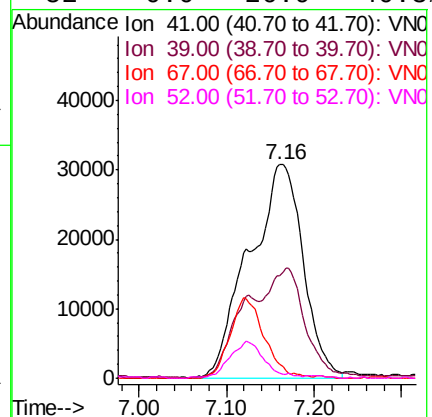
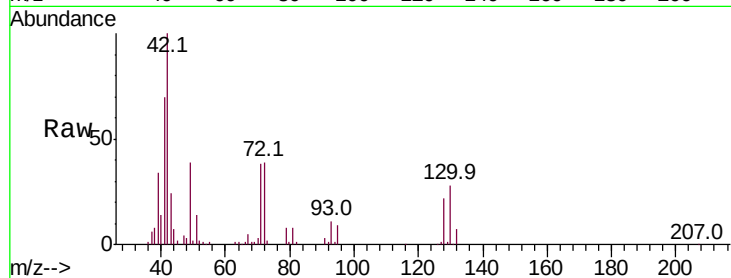




#41
Methacrylonitrile
Concen: 65.785 ug/l
RT: 7.16 min Scan# 1686
Delta R.T. 0.03 min
Lab File: VN063912.D
Acq: 6 Oct 2020 23:53

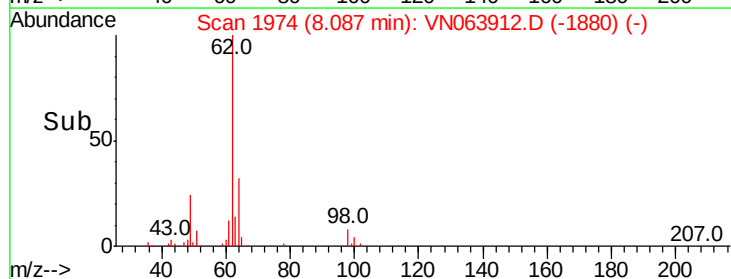
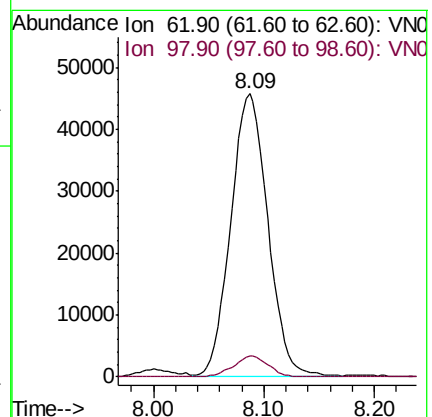
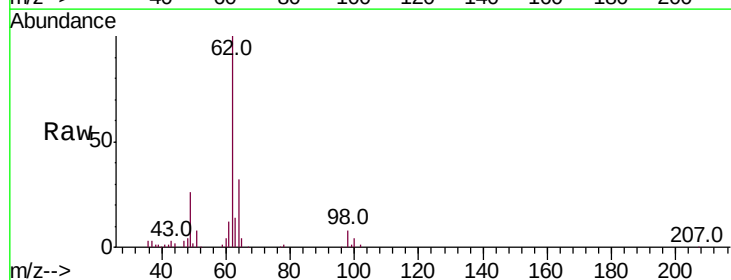
Instrument :
MSVOA_N
ClientSampleId :
VN1006WBS04

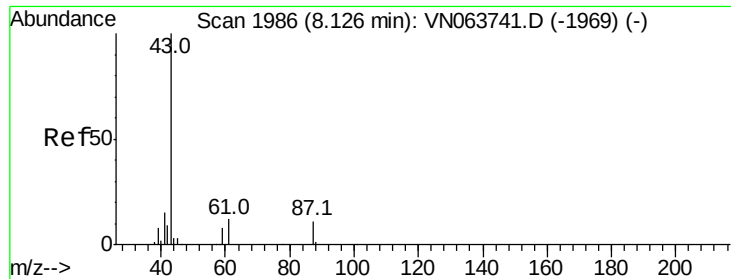
Tot Ion: 41 Resp: 131584
Ion Ratio Lower Upper
41 100
39 0.0 42.5 63.7#
67 0.0 57.4 86.2#
52 0.0 26.9 40.3#



#42
1,2-Dichloroethane
Concen: 19.201 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN063912.D
Acq: 6 Oct 2020 23:53

Tgt Ion: 62 Resp: 106046
Ion Ratio Lower Upper
62 100
98 6.8 0.0 15.0





#43

Isopropyl Acetate

Concen: 19.341 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN063912.D

Acq: 6 Oct 2020 23:53

Instrument :

MSVOA_N

ClientSampleId :

VN1006WBS04

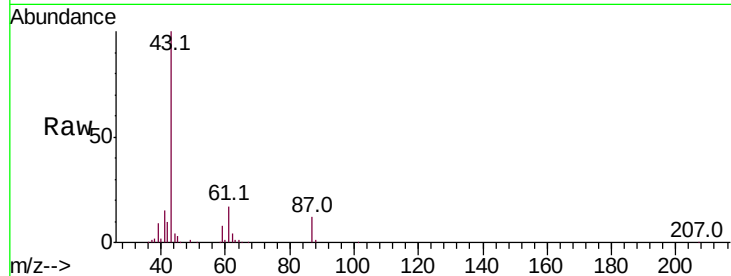
Tot Ion: 43 Resp: 143577

Ion Ratio Lower Upper

43 100

61 17.7 14.2 21.4

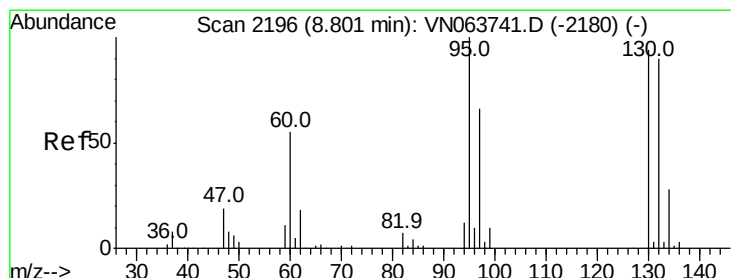
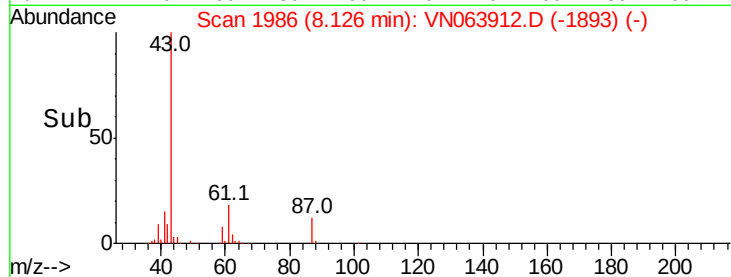
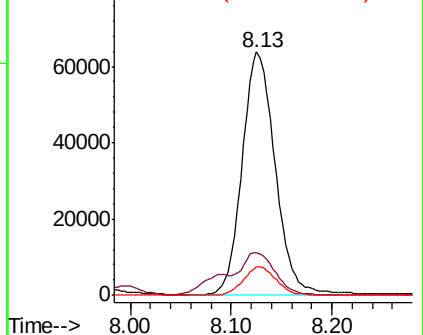
87 11.7 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VN063912.D (-2103) (-)

Ion 61.00 (60.70 to 61.70): VN063912.D (-2103) (-)

Ion 87.00 (86.70 to 87.70): VN063912.D (-2103) (-)



#44

Trichloroethene

Concen: 17.702 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN063912.D

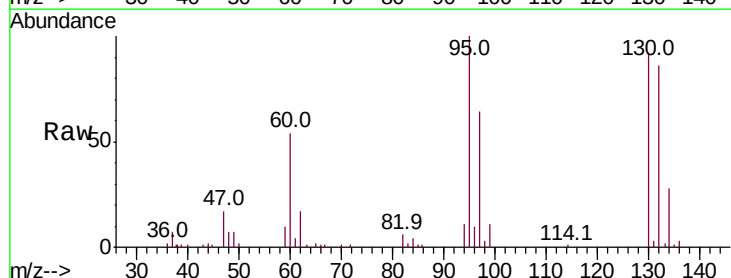
Acq: 6 Oct 2020 23:53

Tgt Ion:130 Resp: 60012

Ion Ratio Lower Upper

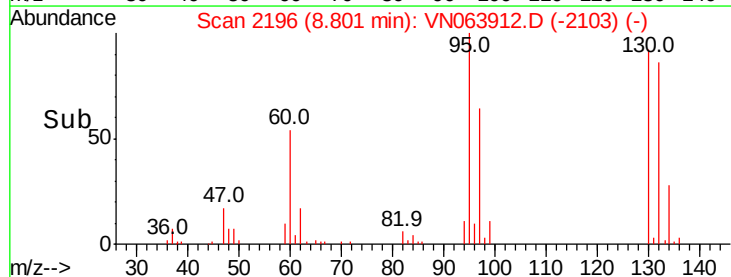
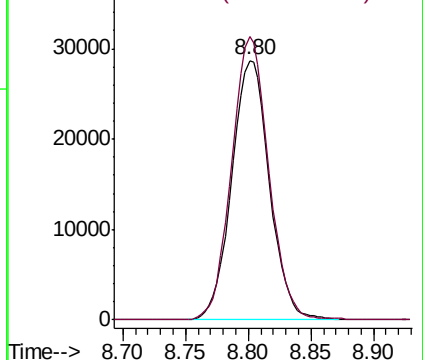
130 100

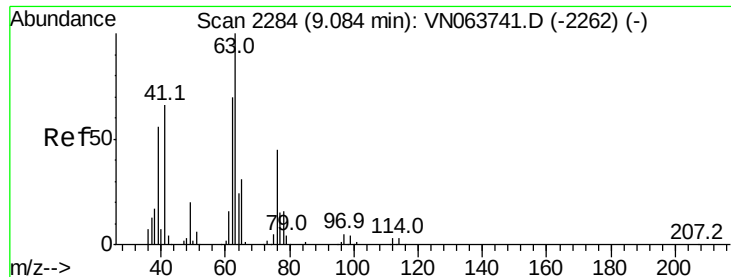
95 109.1 0.0 213.6



Abundance Ion 129.80 (129.50 to 130.50): VN063912.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN063912.D (-2103) (-)

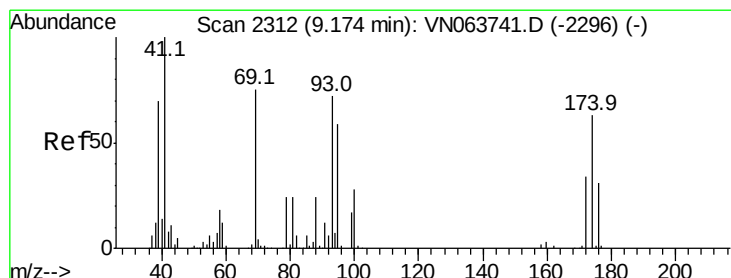
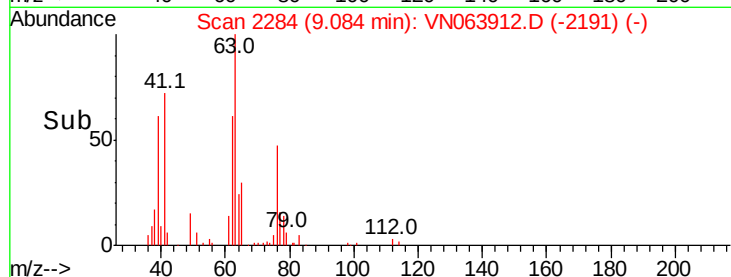
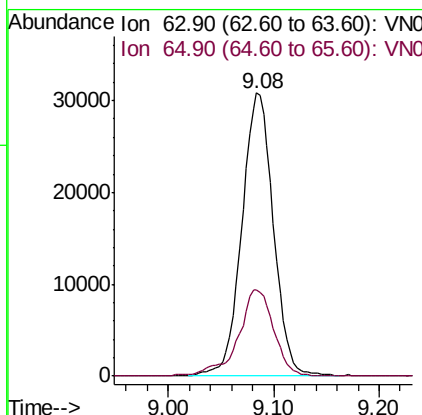
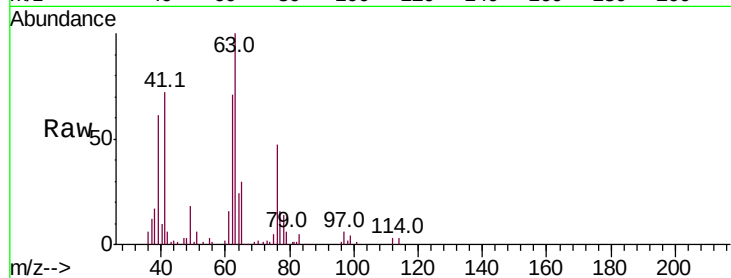




#45
 1,2-Dichloropropane
 Concen: 18.359 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN063912.D
 Acq: 6 Oct 2020 23:53

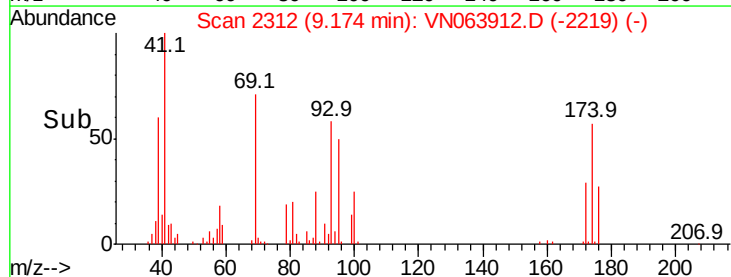
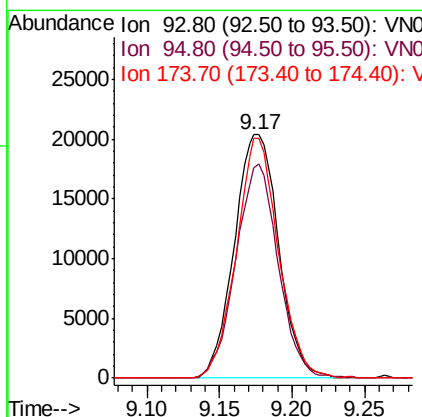
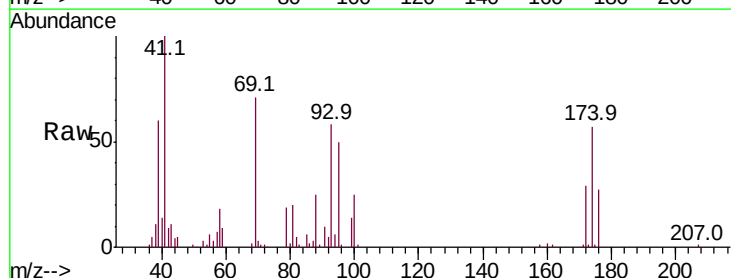
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1006WBS04

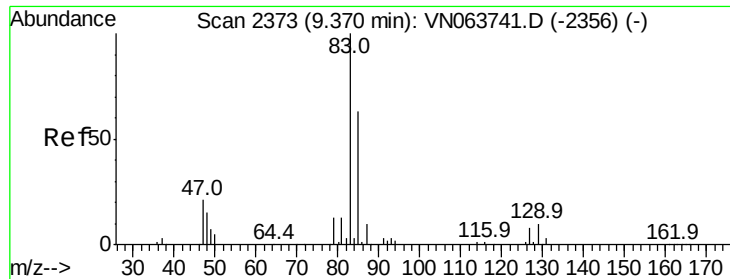
Tot Ion: 63 Resp: 64150
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.7 37.1



#46
 Dibromomethane
 Concen: 18.006 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN063912.D
 Acq: 6 Oct 2020 23:53

Tgt Ion: 93 Resp: 43403
 Ion Ratio Lower Upper
 93 100
 95 84.0 66.3 99.5
 174 93.4 72.7 109.1





#47

Bromodichloromethane

Concen: 18.446 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN063912.D

Acq: 6 Oct 2020 23:53

Instrument :

MSVOA_N

ClientSampleId :

VN1006WBS04

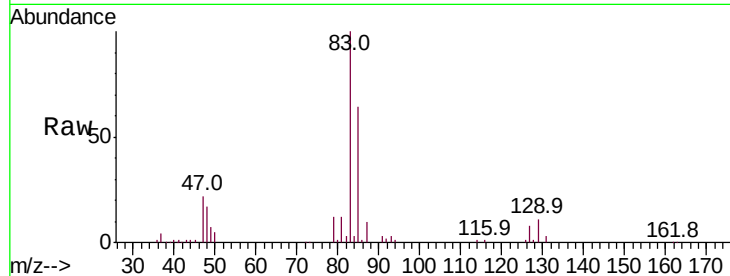
Tot Ion: 83 Resp: 91640

Ion Ratio Lower Upper

83 100

85 63.8 50.6 75.8

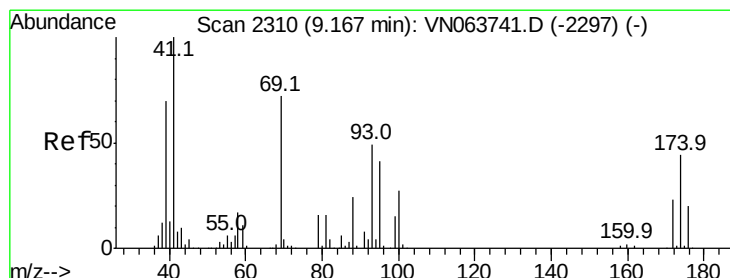
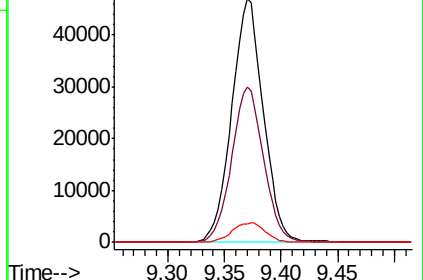
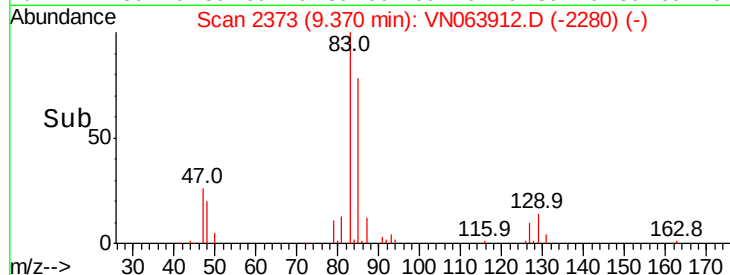
127 7.8 6.6 9.8



Abundance Ion 82.90 (82.60 to 83.60): VN063912.D (-2356) (-)

Ion 84.90 (84.60 to 85.60): VN063912.D (-2356) (-)

Ion 126.80 (126.50 to 127.50): VN063912.D (-2356) (-)



#48

Methyl methacrylate

Concen: 20.012 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN063912.D

Acq: 6 Oct 2020 23:53

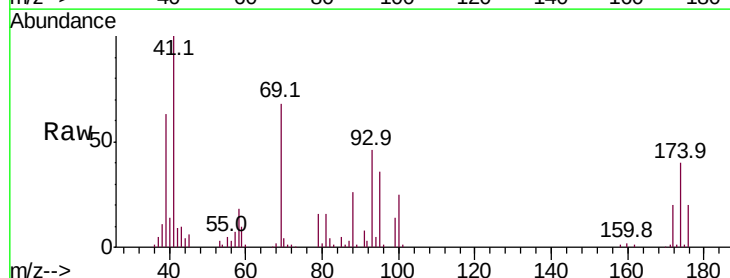
Tgt Ion: 41 Resp: 73397

Ion Ratio Lower Upper

41 100

69 73.3 60.9 91.3

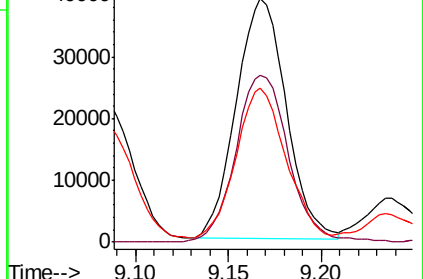
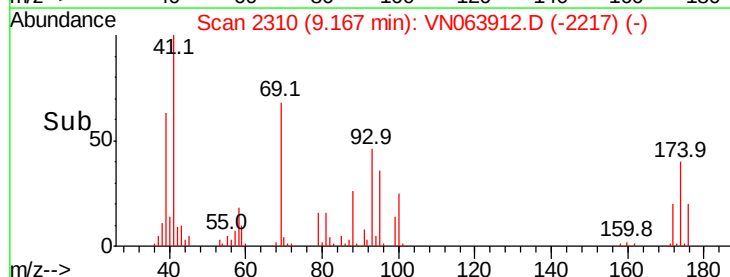
39 64.8 57.5 86.3

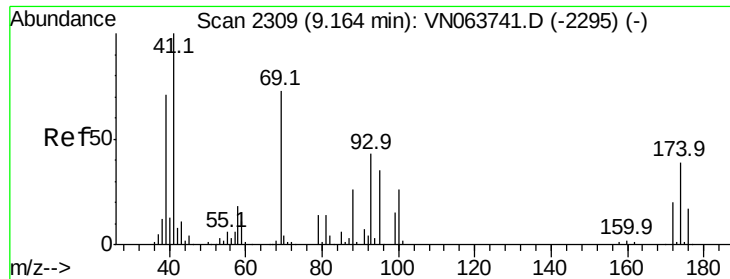


Abundance Ion 41.00 (40.70 to 41.70): VN063912.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN063912.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN063912.D (-2217) (-)





#49

1,4-Dioxane

Concen: 415.250 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN063912.D

Acq: 6 Oct 2020 23:53

Instrument :

MSVOA_N

ClientSampleId :

VN1006WBS04

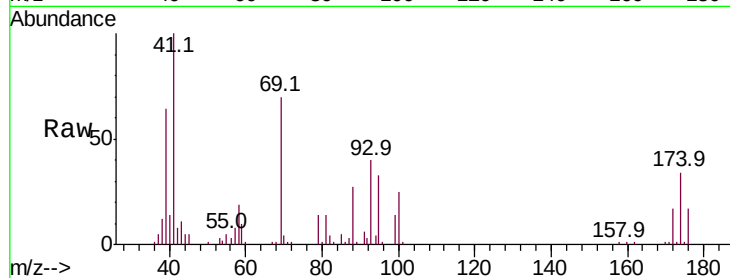
Tot Ion: 88 Resp: 21645

Ion Ratio Lower Upper

88 100

43 39.9 33.1 49.7

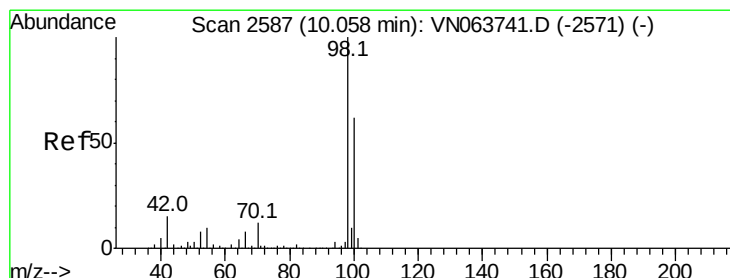
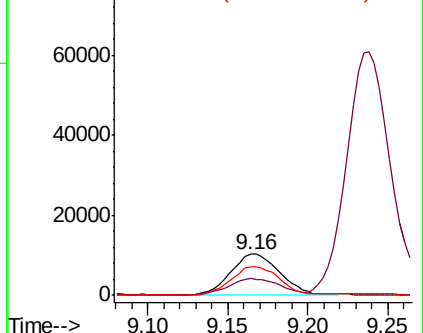
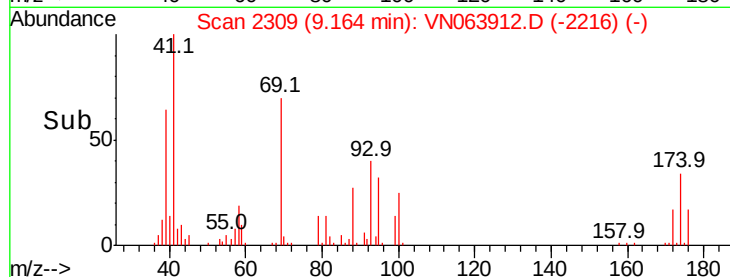
58 69.7 58.9 88.3



Abundance Ion 88.00 (87.70 to 88.70): VN063912.D (-2216) (-)

Ion 43.00 (42.70 to 43.70): VN063912.D (-2216) (-)

Ion 58.00 (57.70 to 58.70): VN063912.D (-2216) (-)



#50

Toluene-d8

Concen: 47.851 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063912.D

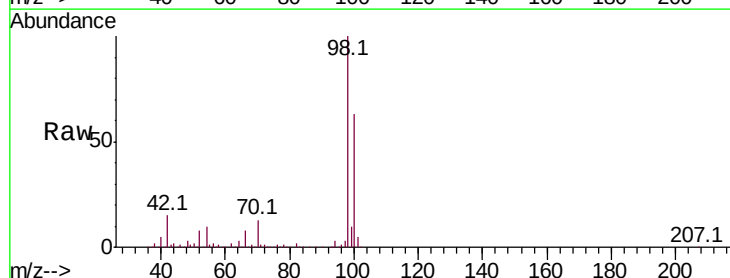
Acq: 6 Oct 2020 23:53

Tgt Ion: 98 Resp: 562801

Ion Ratio Lower Upper

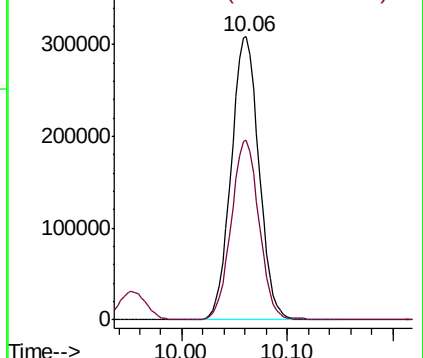
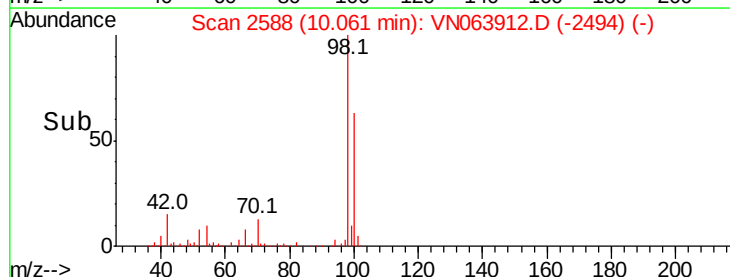
98 100

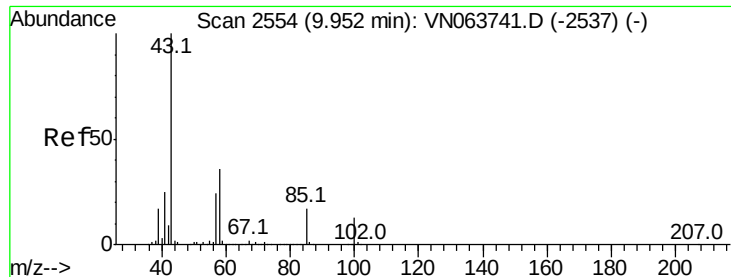
100 63.1 49.8 74.6



Abundance Ion 98.00 (97.70 to 98.70): VN063912.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN063912.D (-2494) (-)

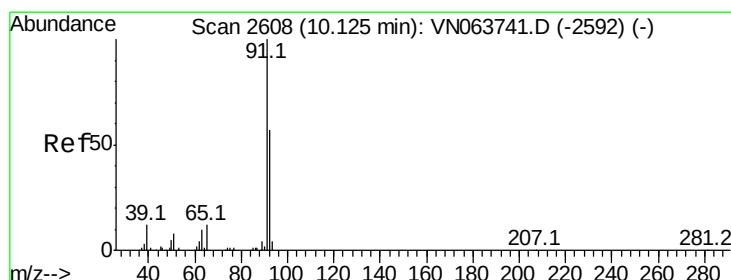
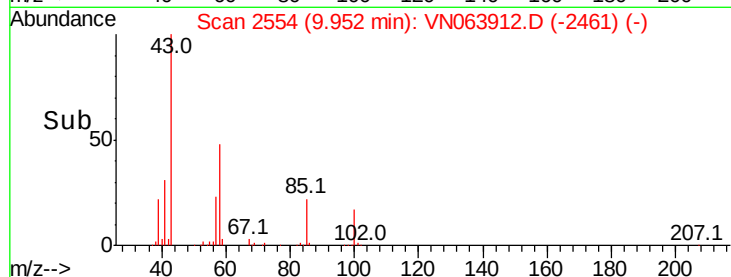
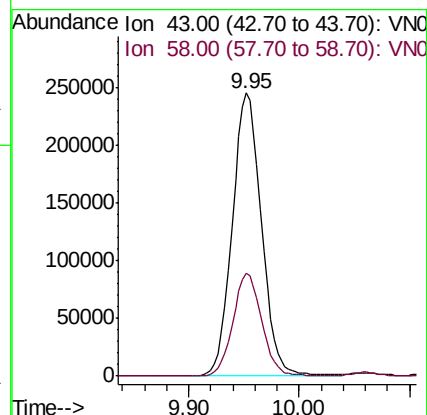
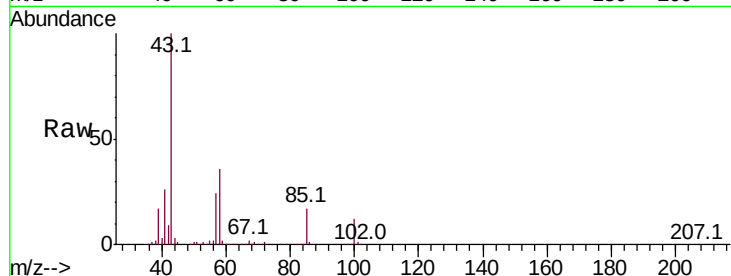




#51
4-Methyl-2-Pentanone
Concen: 102.977 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN063912.D
Acq: 6 Oct 2020 23:53

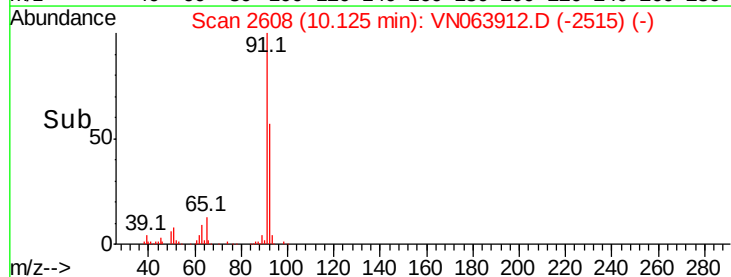
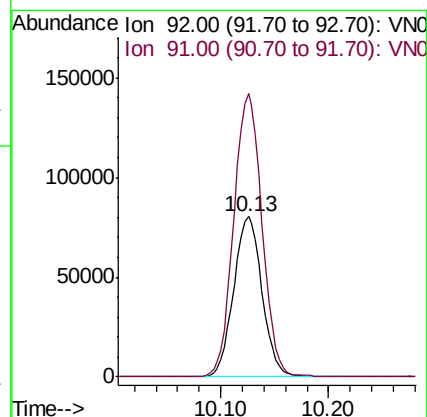
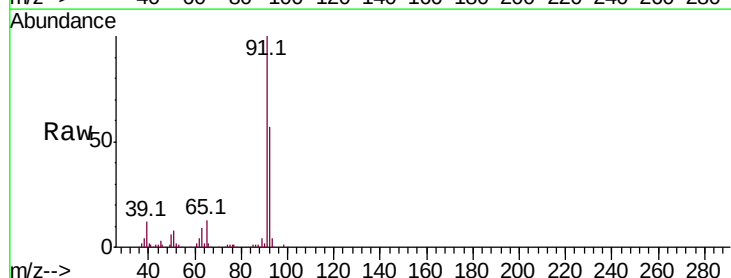
Instrument :
MSVOA_N
ClientSampled :
VN1006WBS04

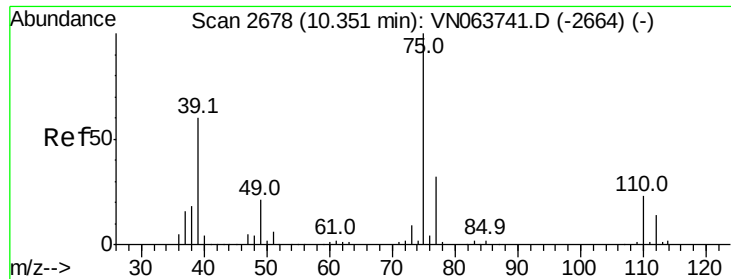
Tot Ion: 43 Resp: 448612
Ion Ratio Lower Upper
43 100
58 36.0 28.4 42.6



#52
Toluene
Concen: 18.364 ug/l
RT: 10.13 min Scan# 2608
Delta R.T. 0.00 min
Lab File: VN063912.D
Acq: 6 Oct 2020 23:53

Tgt Ion: 92 Resp: 146966
Ion Ratio Lower Upper
92 100
91 175.6 140.6 210.8





#53

t-1,3-Dichloropropene

Concen: 17.804 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN063912.D

Acq: 6 Oct 2020 23:53

Instrument :

MSVOA_N

ClientSampleId :

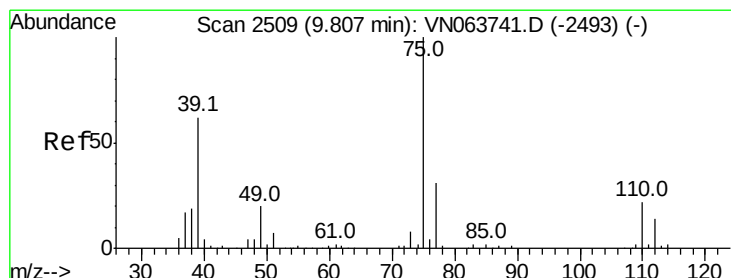
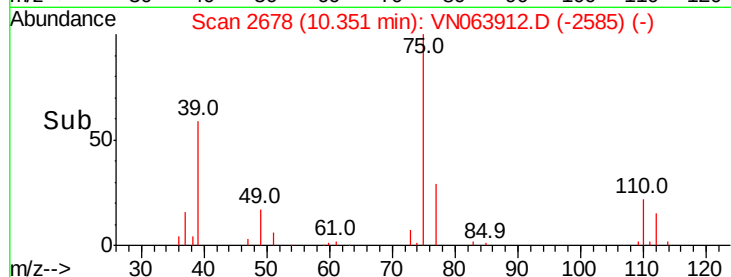
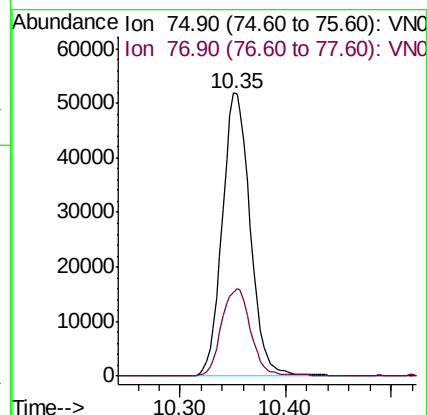
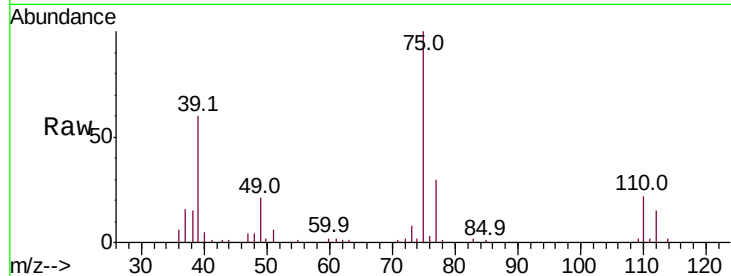
VN1006WBS04

Tot Ion: 75 Resp: 94814

Ion Ratio Lower Upper

75 100

77 29.6 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 17.898 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN063912.D

Acq: 6 Oct 2020 23:53

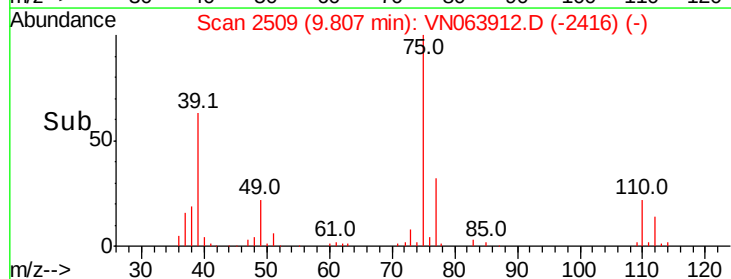
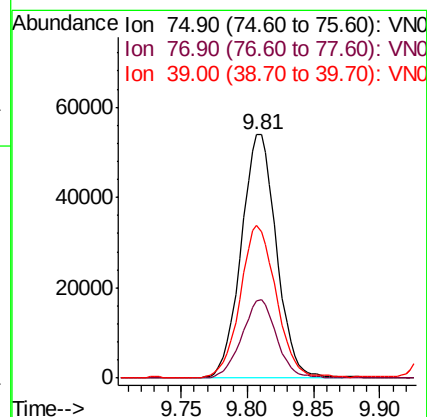
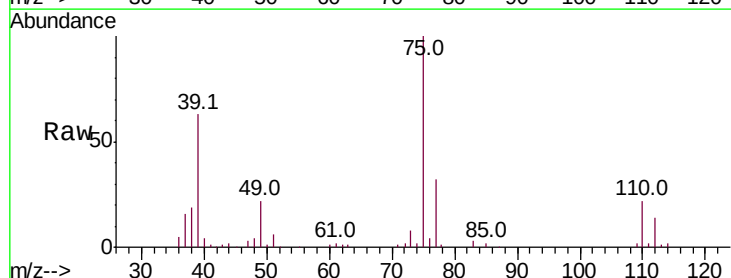
Tgt Ion: 75 Resp: 99680

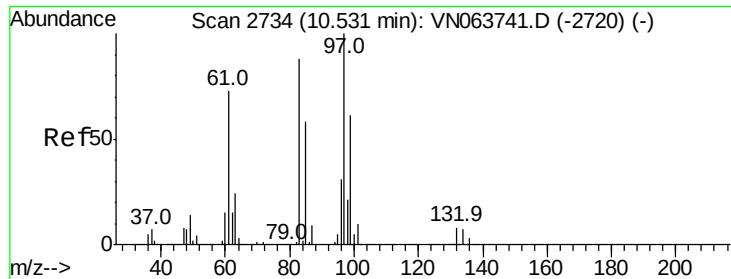
Ion Ratio Lower Upper

75 100

77 32.0 24.6 36.8

39 62.3 49.7 74.5





#55

1,1,2-Trichloroethane

Concen: 19.457 ug/l

RT: 10.53 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN063912.D

Acq: 6 Oct 2020 23:53

Instrument :

MSVOA_N

ClientSampled :

VN1006WBS04

Tot Ion: 97 Resp: 62446

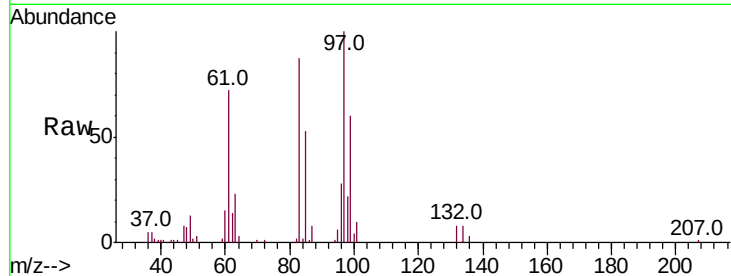
Ion Ratio Lower Upper

97 100

83 87.5 70.7 106.1

85 52.8 46.1 69.1

99 59.9 48.8 73.2

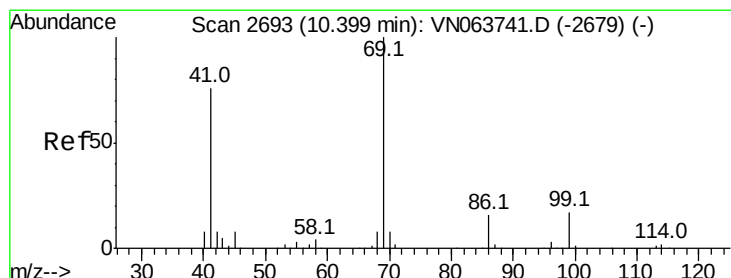
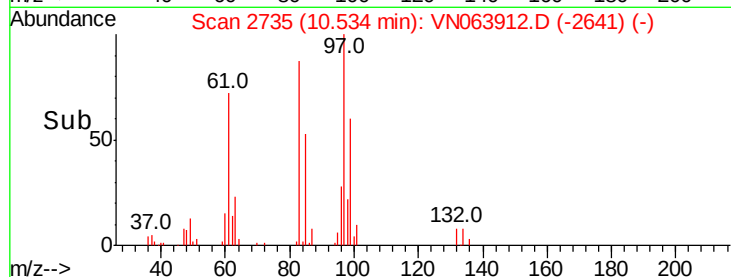
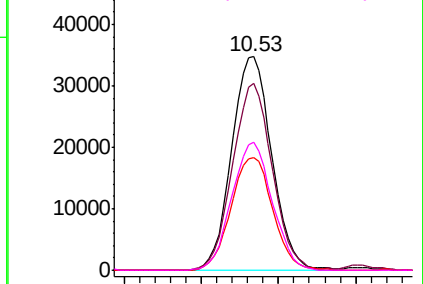


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 18.709 ug/l

RT: 10.40 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VN063912.D

Acq: 6 Oct 2020 23:53

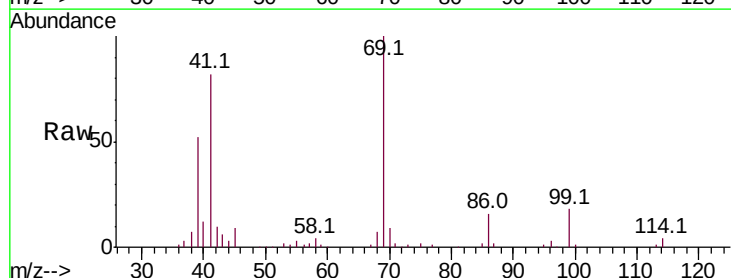
Tgt Ion: 69 Resp: 85111

Ion Ratio Lower Upper

69 100

41 78.4 61.1 91.7

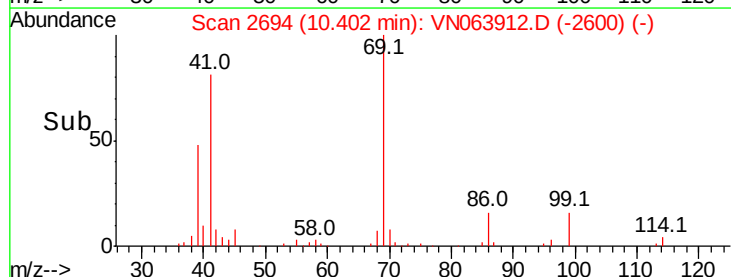
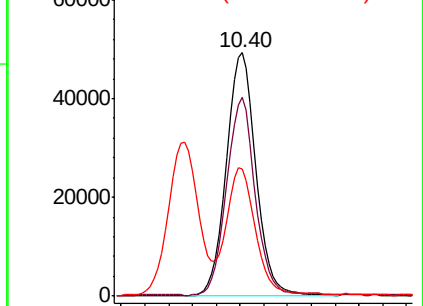
39 49.2 42.2 63.4

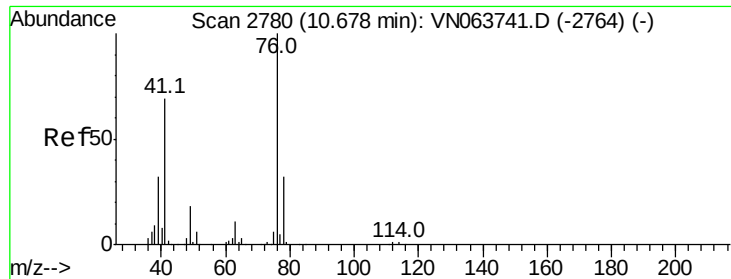


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 19.047 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

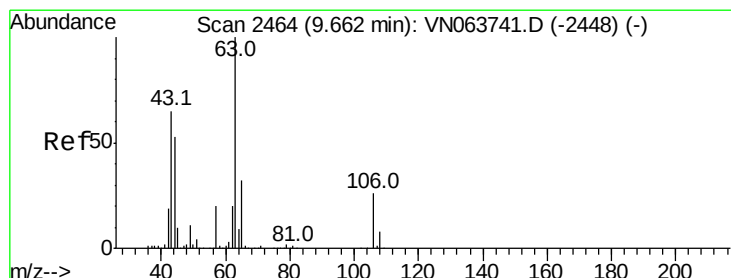
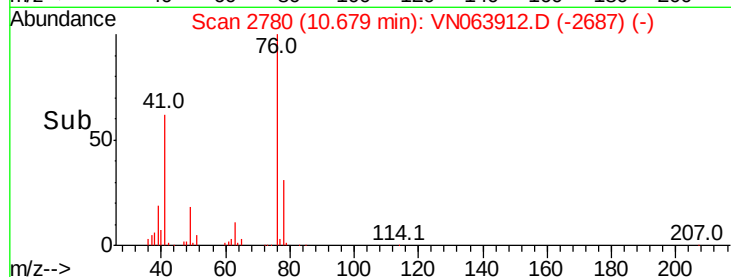
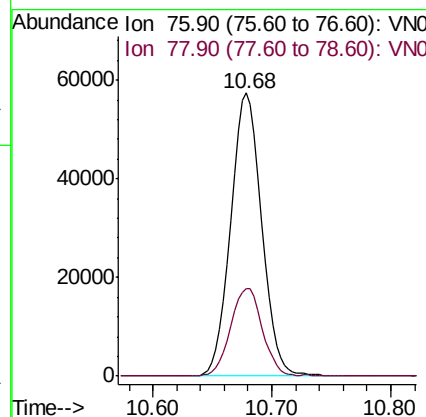
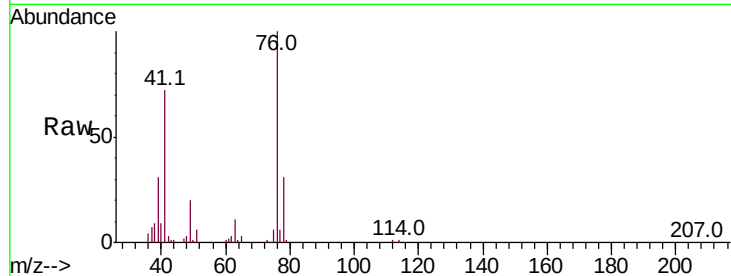
Lab File: VN063912.D

Acq: 6 Oct 2020 23:53

Instrument :
MSVOA_N
ClientSampleId :
VN1006WBS04

Tot Ion: 76 Resp: 103422

Ion	Ratio	Lower	Upper
76	100		
78	31.7	25.2	37.8



#58

2-Chloroethyl Vinyl ether

Concen: 95.880 ug/l

RT: 9.66 min Scan# 2464

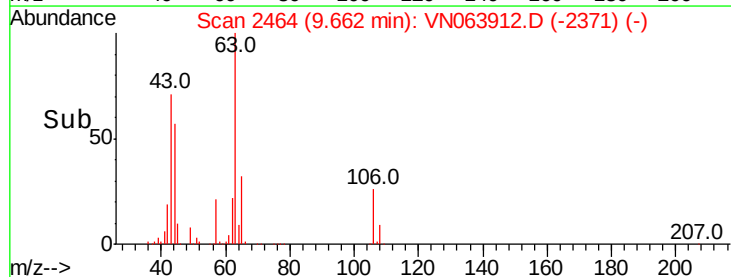
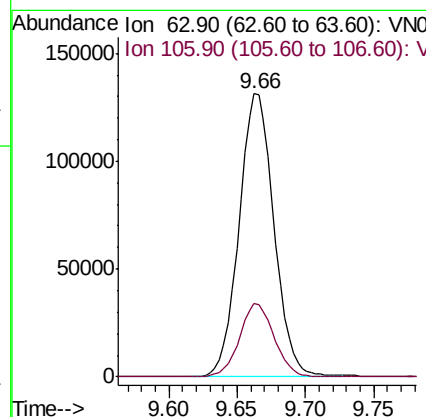
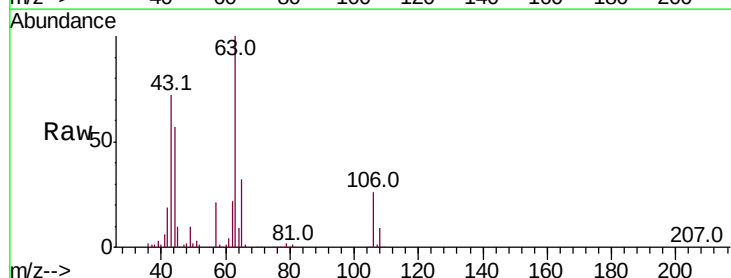
Delta R.T. 0.00 min

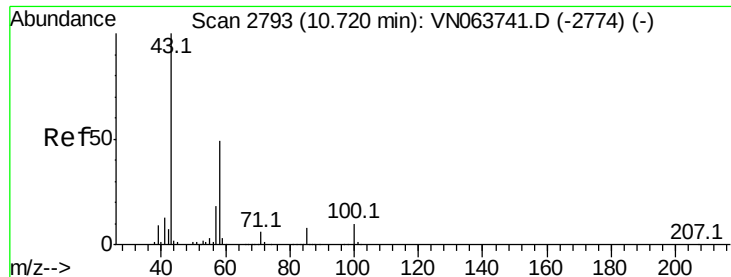
Lab File: VN063912.D

Acq: 6 Oct 2020 23:53

Tgt Ion: 63 Resp: 233319

Ion	Ratio	Lower	Upper
63	100		
106	25.7	20.7	31.1

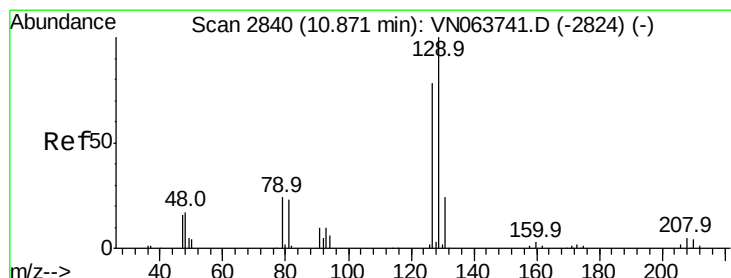
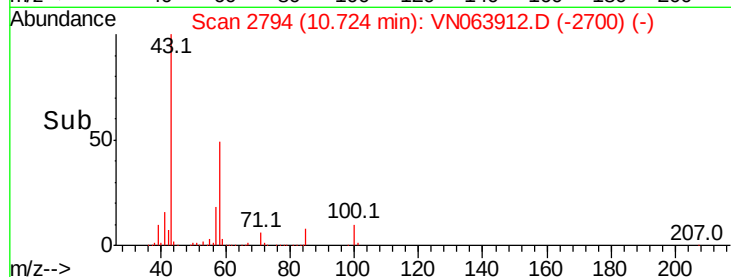
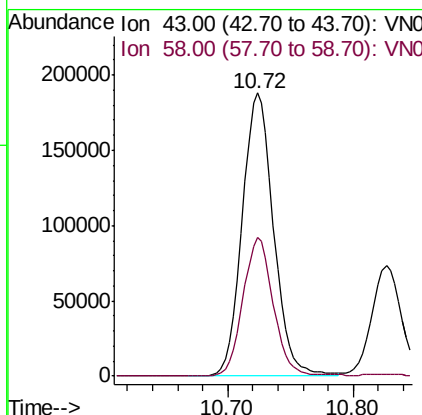
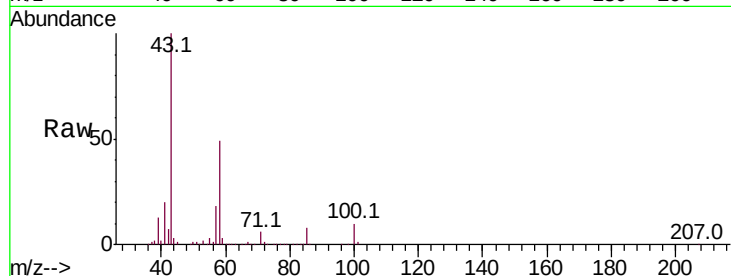




#59
2-Hexanone
Concen: 100.711 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063912.D
Acq: 6 Oct 2020 23:53

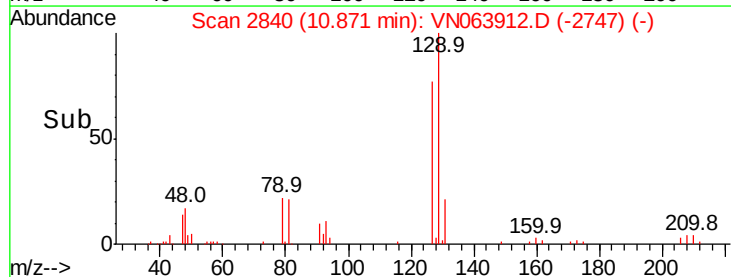
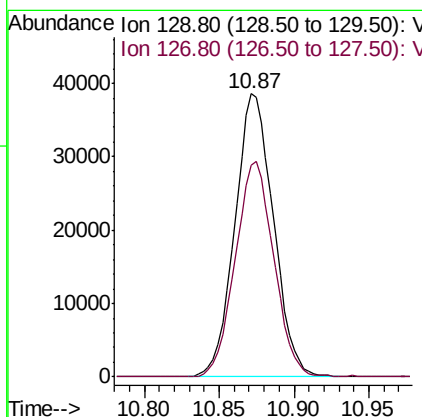
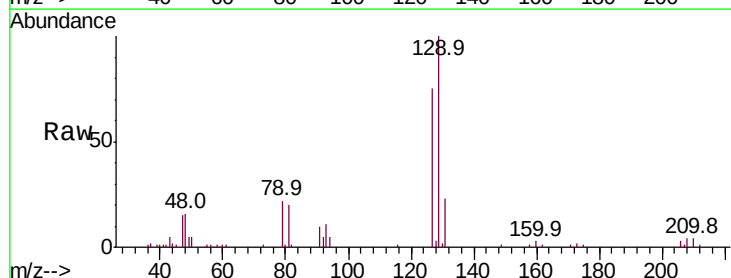
Instrument :
MSVOA_N
ClientSampleId :
VN1006WBS04

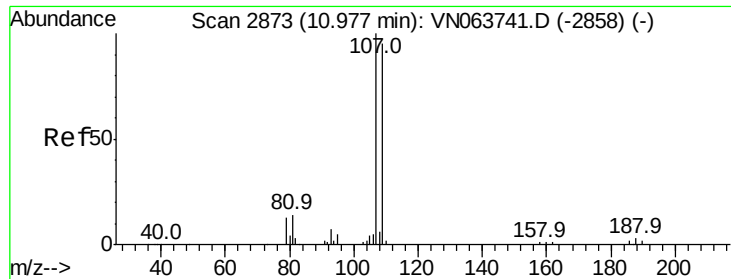
Tot Ion: 43 Resp: 325923
Ion Ratio Lower Upper
43 100
58 47.4 24.6 73.8



#60
Dibromochloromethane
Concen: 18.479 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN063912.D
Acq: 6 Oct 2020 23:53

Tgt Ion: 129 Resp: 69067
Ion Ratio Lower Upper
129 100
127 76.2 38.9 116.7

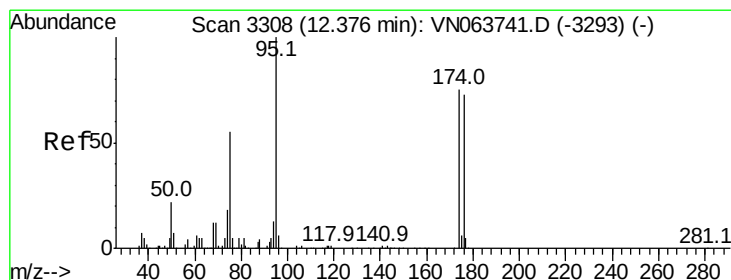
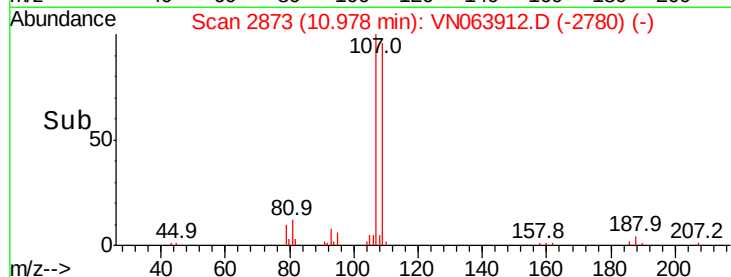
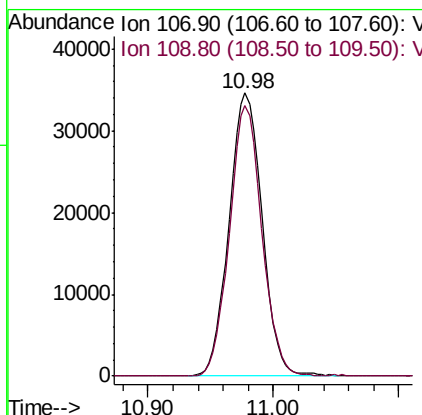
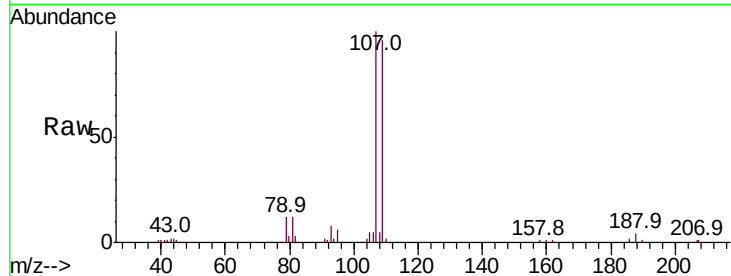




#61
 1,2-Dibromoethane
 Concen: 19.336 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN063912.D
 Acq: 6 Oct 2020 23:53

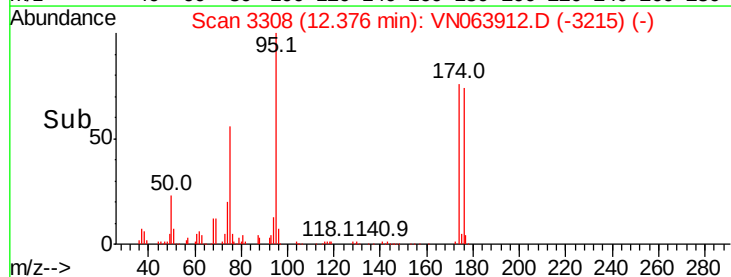
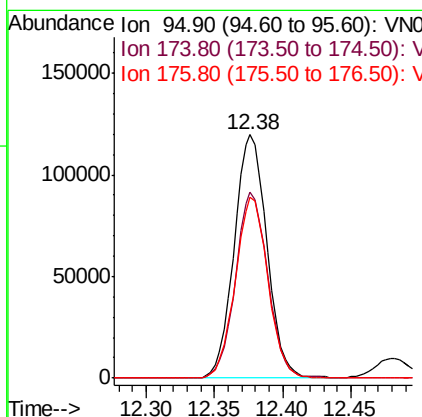
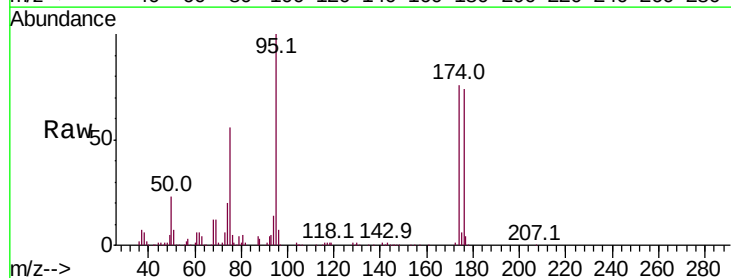
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1006WBS04

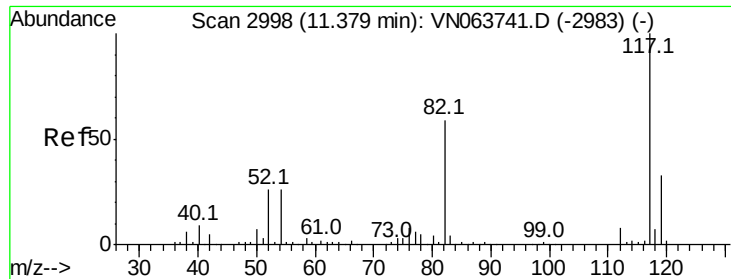
Tot Ion:107 Resp: 63481
 Ion Ratio Lower Upper
 107 100
 109 93.3 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 45.060 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN063912.D
 Acq: 6 Oct 2020 23:53

Tgt Ion: 95 Resp: 199220
 Ion Ratio Lower Upper
 95 100
 174 75.3 0.0 150.6
 176 74.0 0.0 145.4

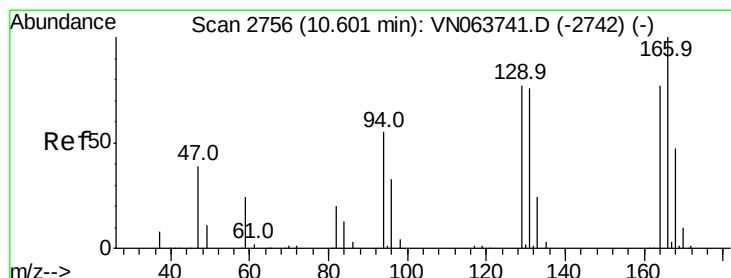
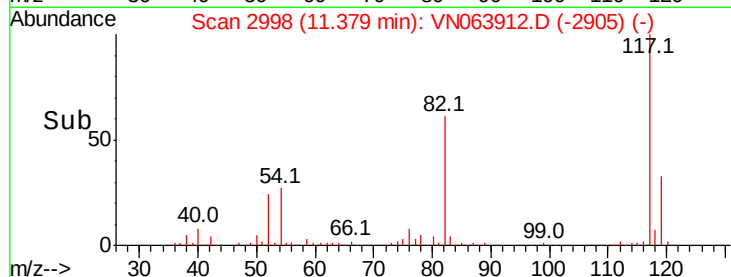
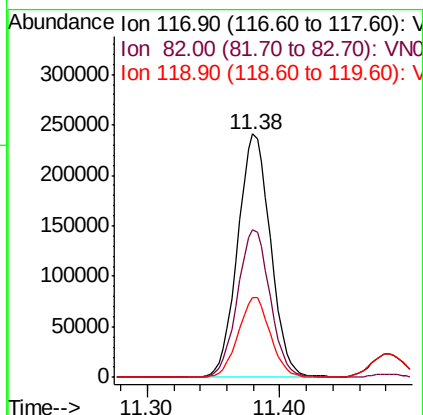
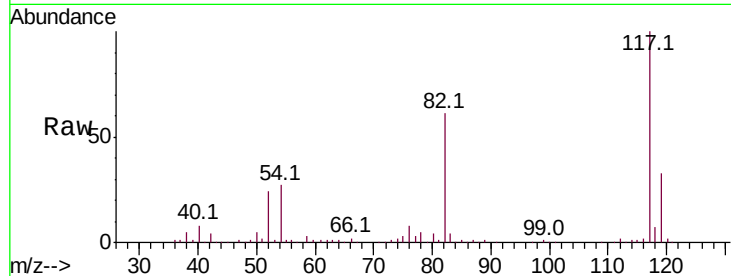




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063912.D
Acq: 6 Oct 2020 23:53

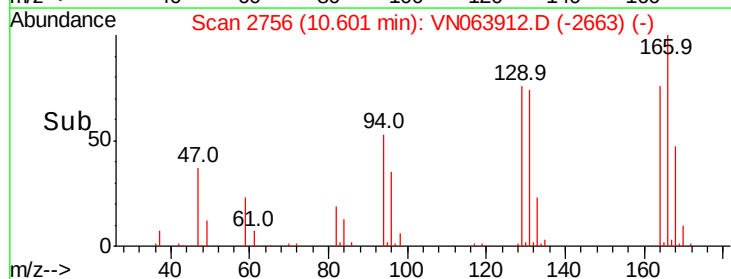
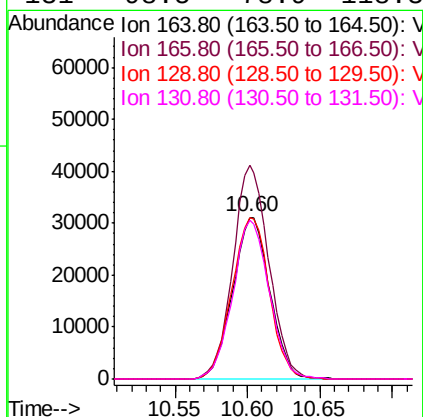
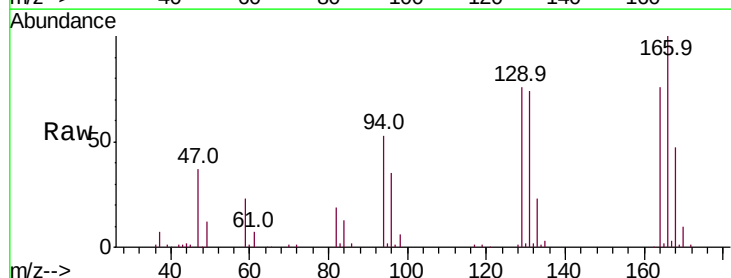
Instrument :
MSVOA_N
ClientSampleId :
VN1006WBS04

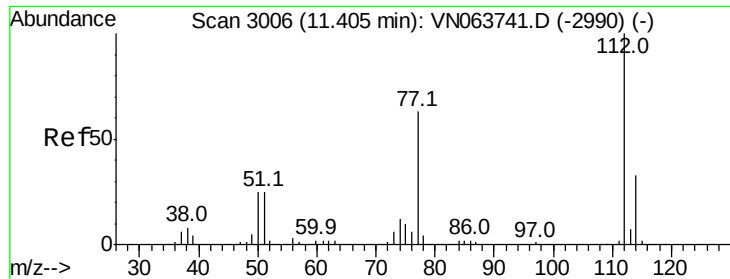
Tot Ion:117 Resp: 414875
Ion Ratio Lower Upper
117 100
82 60.6 47.4 71.2
119 33.0 26.4 39.6



#64
Tetrachloroethene
Concen: 17.248 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN063912.D
Acq: 6 Oct 2020 23:53

Tgt Ion:164 Resp: 55361
Ion Ratio Lower Upper
164 100
166 132.3 103.9 155.9
129 100.1 80.3 120.5
131 98.5 78.9 118.3

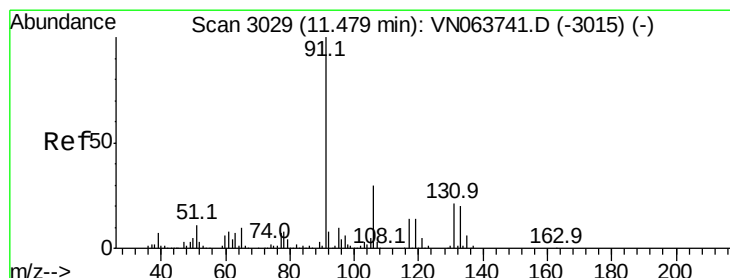
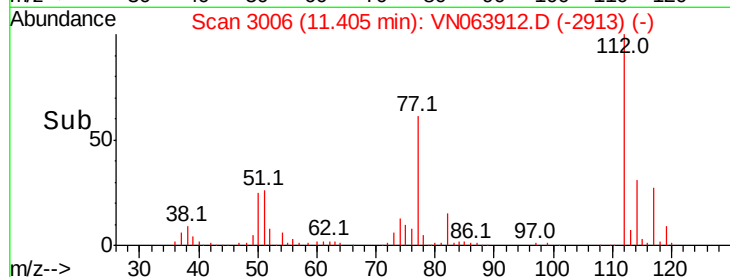
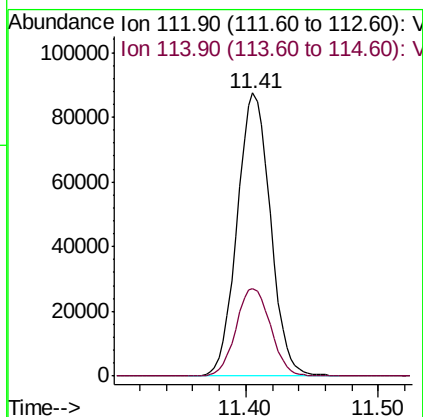
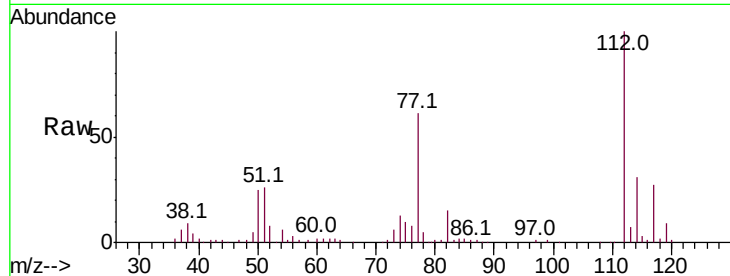




#65
Chlorobenzene
Concen: 17.952 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN063912.D
Acq: 6 Oct 2020 23:53

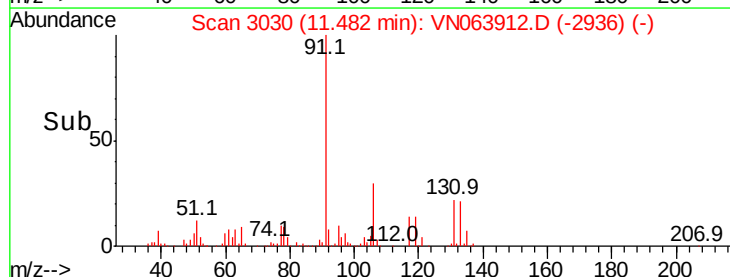
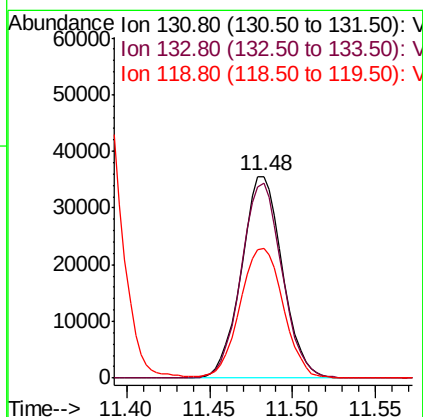
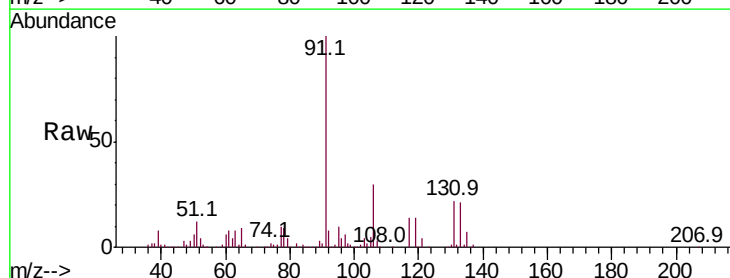
Instrument :
MSVOA_N
ClientSampleId :
VN1006WBS04

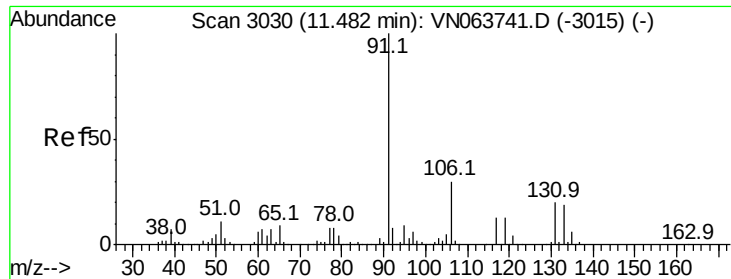
Tot Ion:112 Resp: 152778
Ion Ratio Lower Upper
112 100
114 30.8 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 18.811 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063912.D
Acq: 6 Oct 2020 23:53

Tgt Ion:131 Resp: 61374
Ion Ratio Lower Upper
131 100
133 96.5 47.3 141.8
119 68.1 32.6 97.7

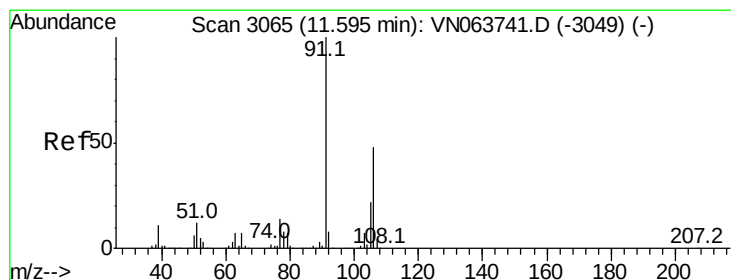
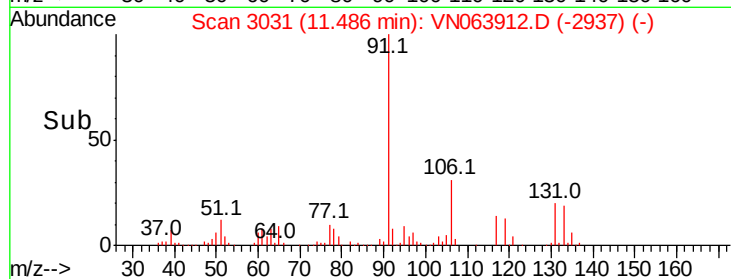
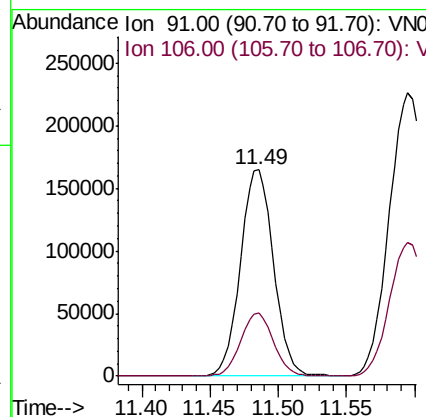
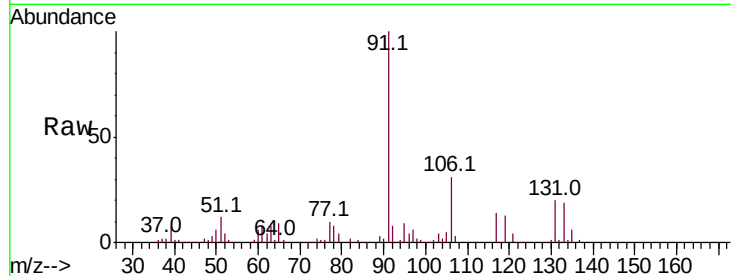




#67
Ethyl Benzene
Concen: 17.977 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN063912.D
Acq: 6 Oct 2020 23:53

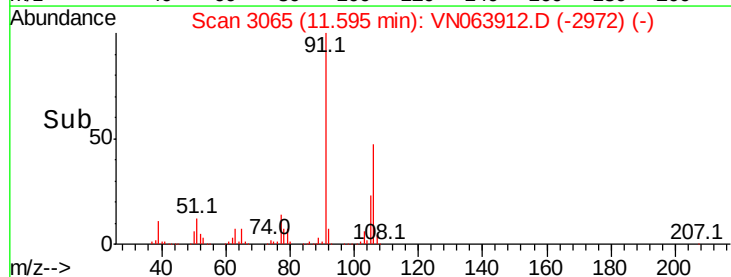
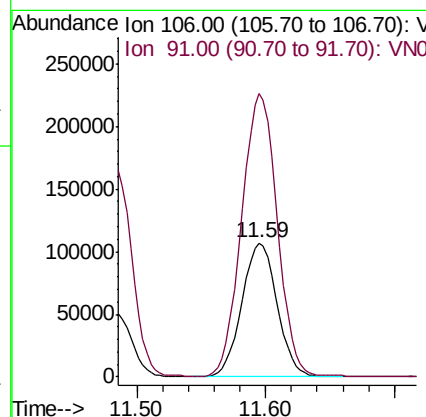
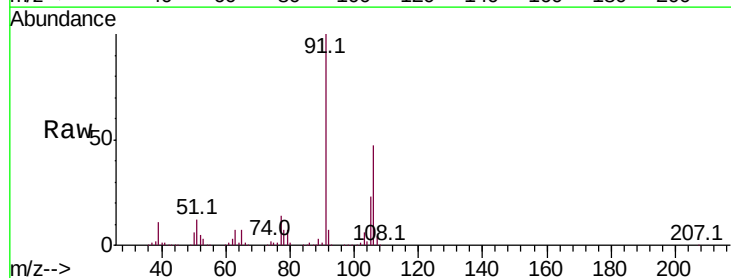
Instrument :
MSVOA_N
ClientSampled :
VN1006WBS04

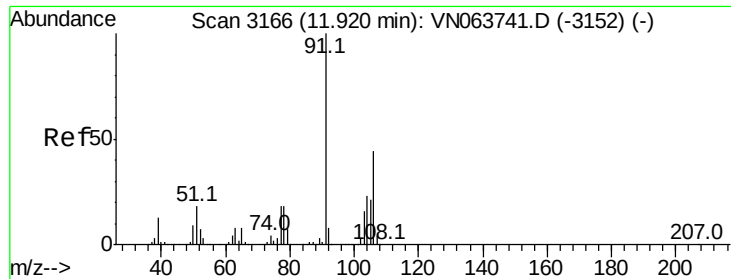
Tot Ion: 91 Resp: 278395
Ion Ratio Lower Upper
91 100
106 30.6 24.2 36.2



#68
m/p-Xylenes
Concen: 35.109 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN063912.D
Acq: 6 Oct 2020 23:53

Tgt Ion: 106 Resp: 202635
Ion Ratio Lower Upper
106 100
91 214.6 168.0 252.0

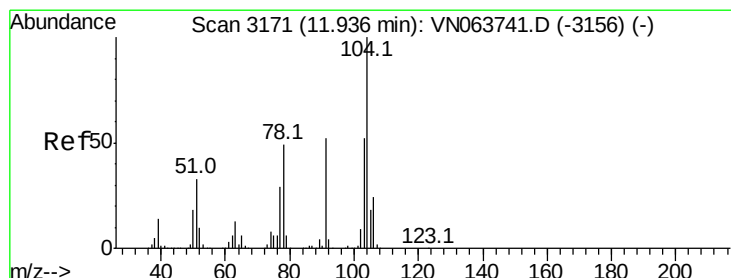
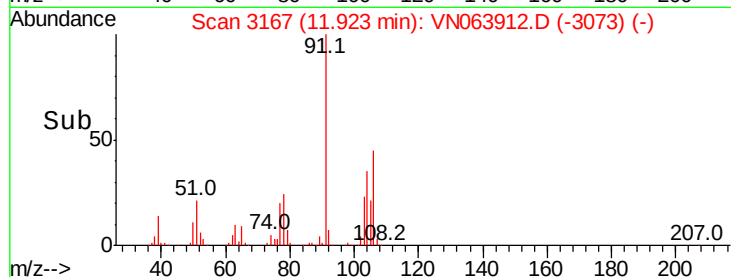
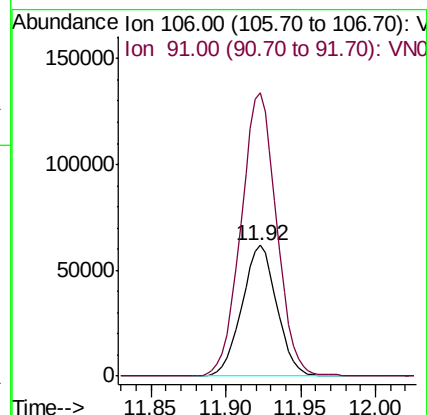
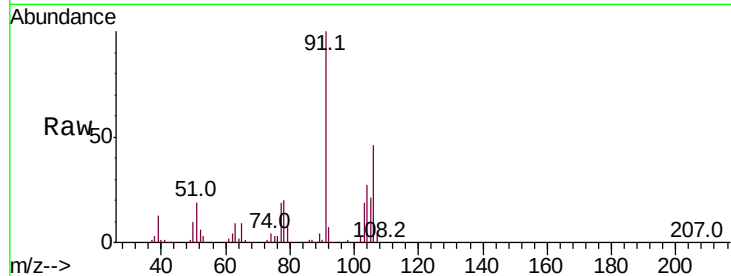




#69
o-Xylene
Concen: 18.594 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063912.D
Acq: 6 Oct 2020 23:53

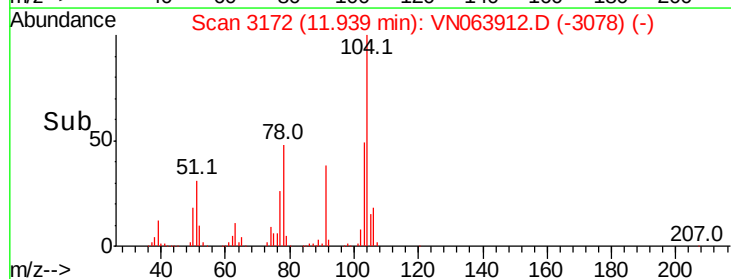
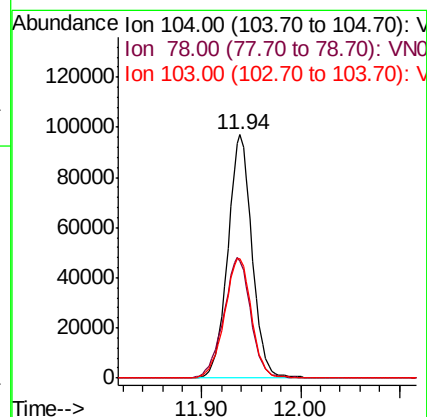
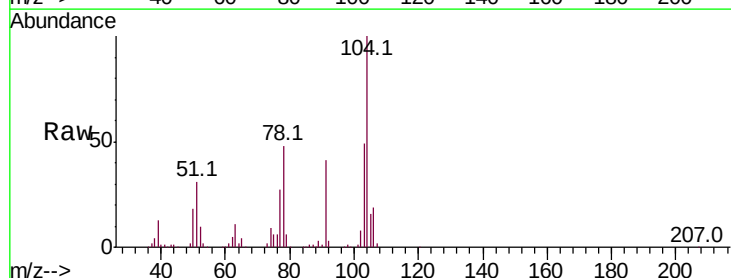
Instrument :
MSVOA_N
ClientSampled :
VN1006WBS04

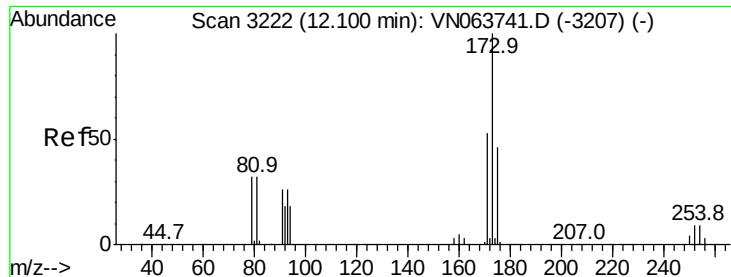
Tot Ion:106 Resp: 100302
Ion Ratio Lower Upper
106 100
91 220.7 112.7 338.0



#70
Styrene
Concen: 18.259 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN063912.D
Acq: 6 Oct 2020 23:53

Tgt Ion:104 Resp: 167201
Ion Ratio Lower Upper
104 100
78 55.0 44.1 66.1
103 54.5 44.3 66.5





#71

Bromoform

Concen: 18.691 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN063912.D

Acq: 6 Oct 2020 23:53

Instrument :

MSVOA_N

ClientSampleId :

VN1006WBS04

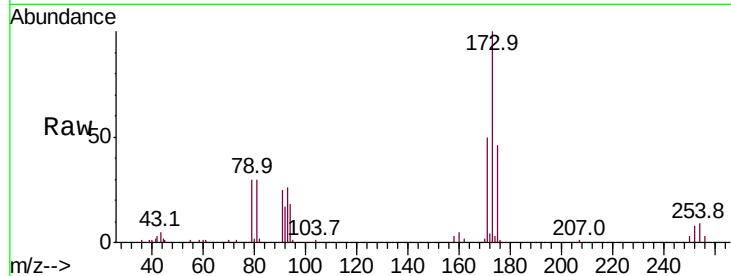
Tot Ion:173 Resp: 46640

Ion Ratio Lower Upper

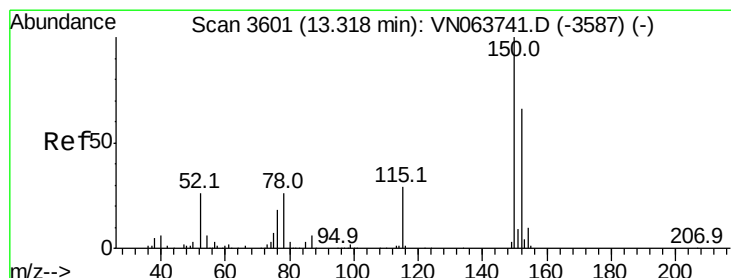
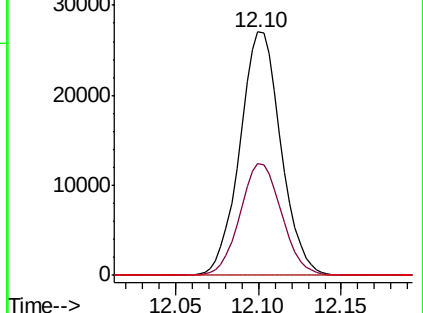
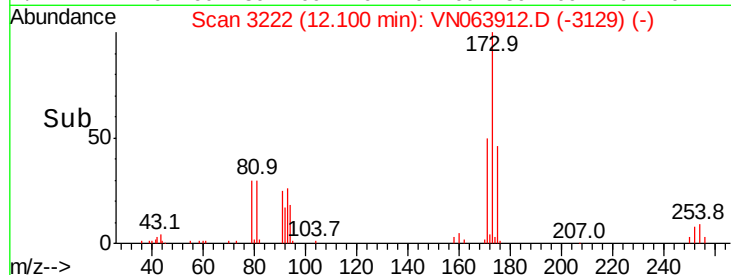
173 100

175 46.5 23.5 70.5

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN063912.D

Acq: 6 Oct 2020 23:53

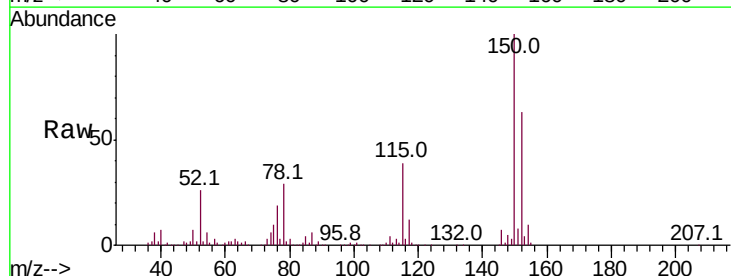
Tgt Ion:152 Resp: 191740

Ion Ratio Lower Upper

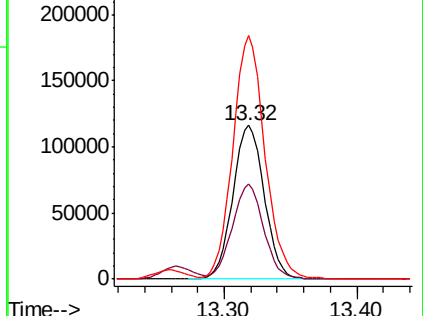
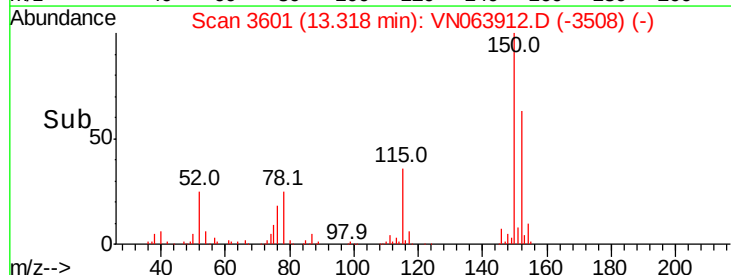
152 100

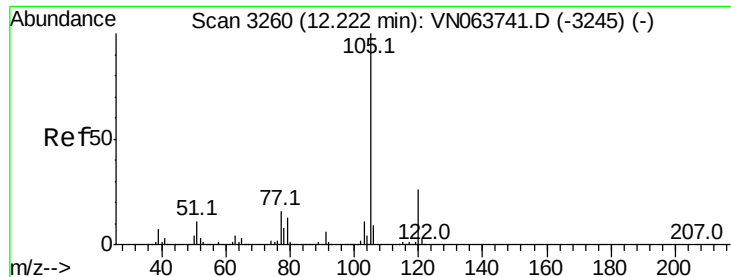
115 61.2 31.3 93.8

150 160.9 0.0 341.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.690 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063912.D

Acq: 6 Oct 2020 23:53

Instrument :

MSVOA_N

ClientSampleId :

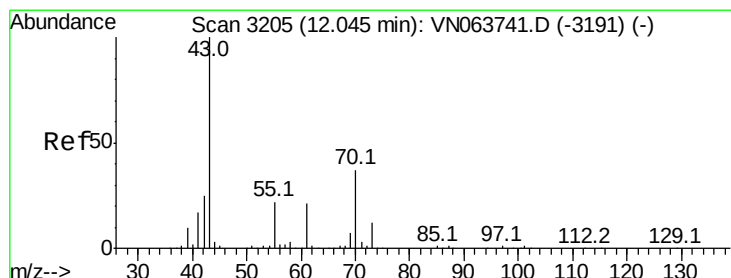
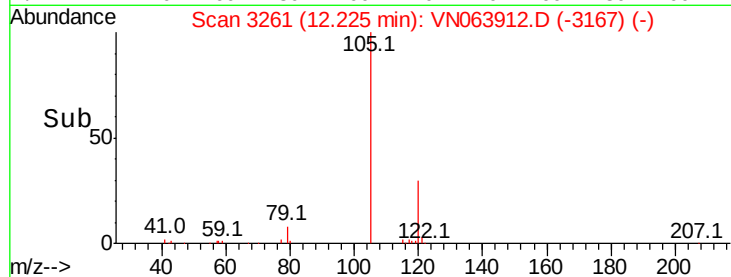
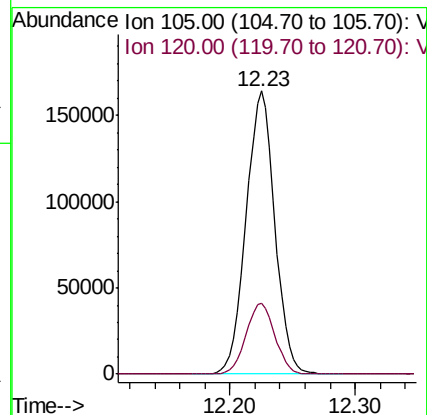
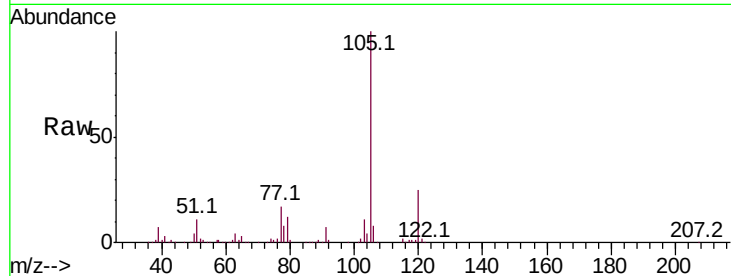
VN1006WBS04

Tot Ion:105 Resp: 261381

Ion Ratio Lower Upper

105 100

120 25.2 12.6 37.8



#74

N-ethyl acetate

Concen: 19.596 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN063912.D

Acq: 6 Oct 2020 23:53

Tgt Ion: 43 Resp: 118209

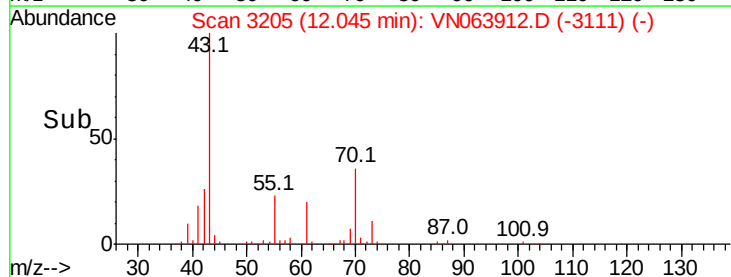
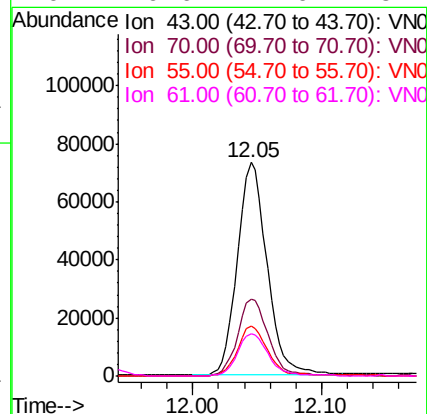
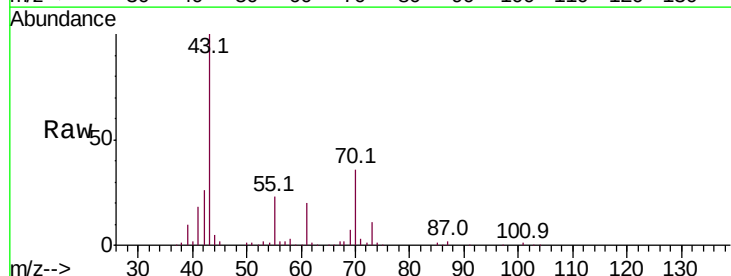
Ion Ratio Lower Upper

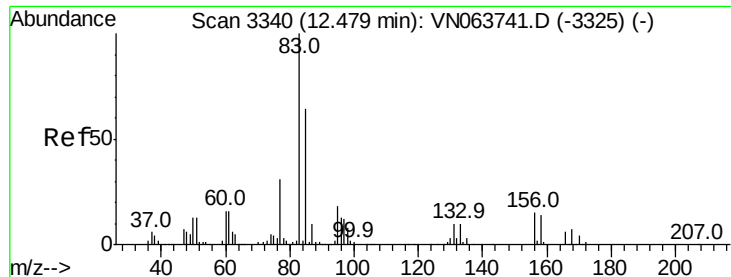
43 100

70 37.2 29.8 44.8

55 23.7 17.9 26.9

61 20.6 17.0 25.4





#75

1,1,2,2-Tetrachloroethane

Concen: 20.021 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN063912.D

Acq: 6 Oct 2020 23:53

Instrument :

MSVOA_N

ClientSampleId :

VN1006WBS04

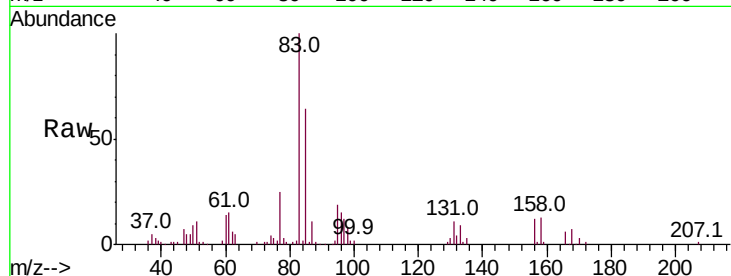
Tot Ion: 83 Resp: 85620

Ion Ratio Lower Upper

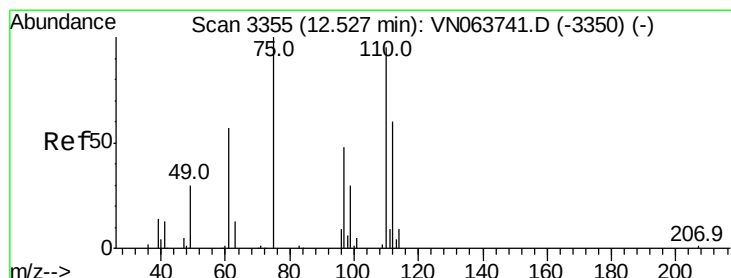
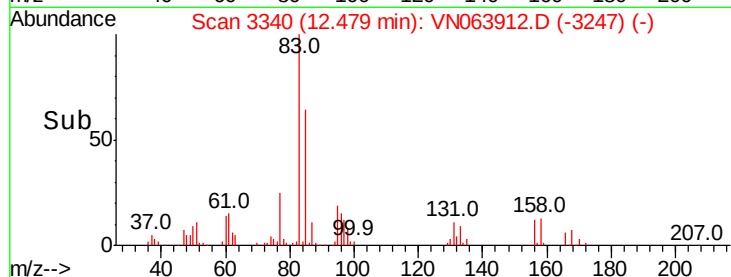
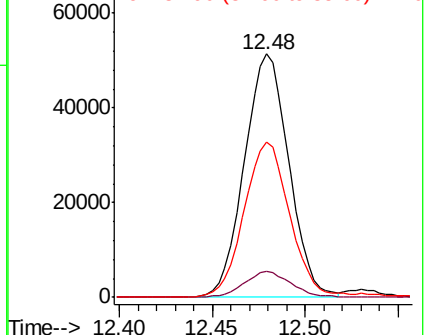
83 100

131 11.0 5.3 15.8

85 65.6 31.3 93.8



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 28.426 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN063912.D

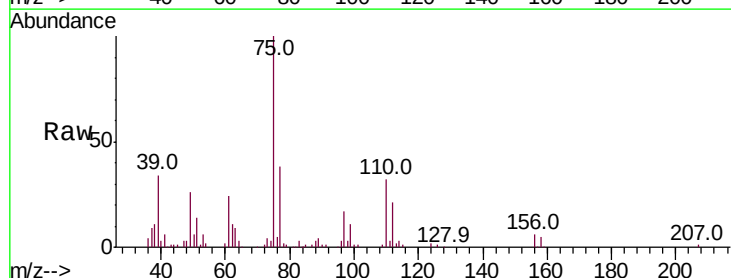
Acq: 6 Oct 2020 23:53

Tgt Ion: 75 Resp: 120148

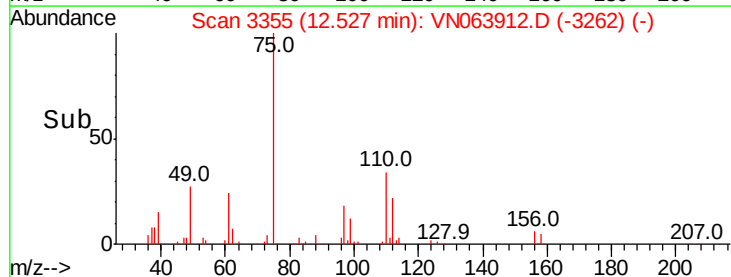
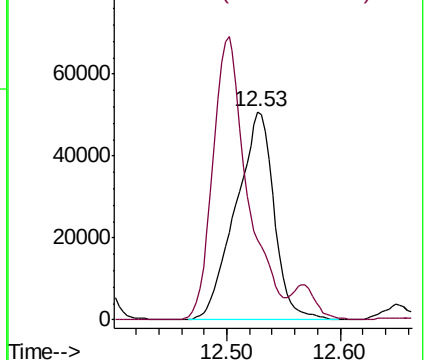
Ion Ratio Lower Upper

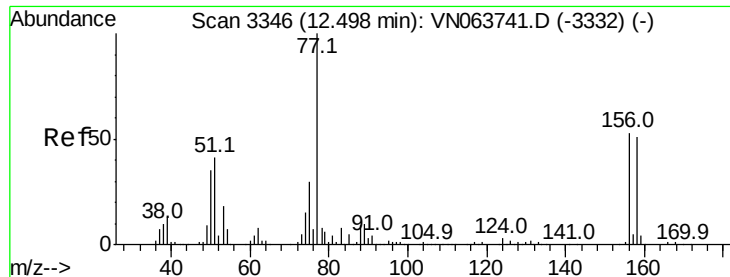
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 19.211 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN063912.D

Acq: 6 Oct 2020 23:53

Instrument :

MSVOA_N

ClientSampleId :

VN1006WBS04

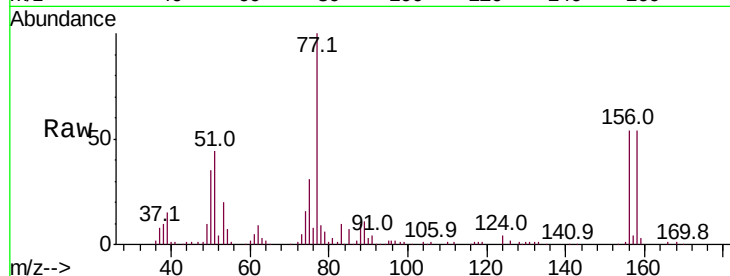
Tot Ion:156 Resp: 65925

Ion Ratio Lower Upper

156 100

77 223.4 110.9 332.7

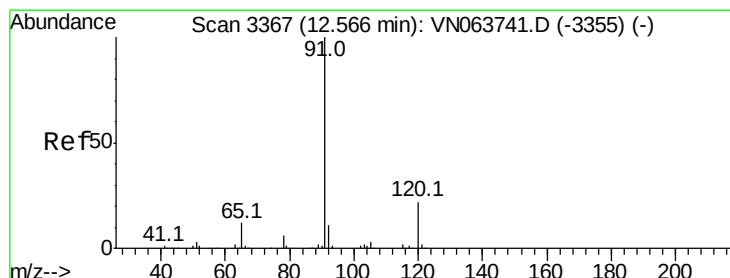
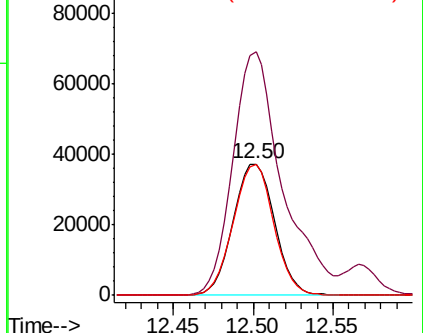
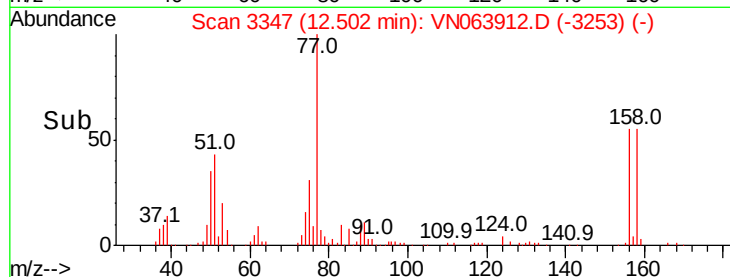
158 97.4 47.7 143.1



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.080 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN063912.D

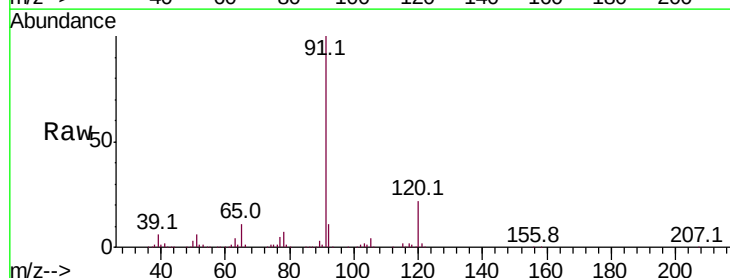
Acq: 6 Oct 2020 23:53

Tgt Ion: 91 Resp: 294276

Ion Ratio Lower Upper

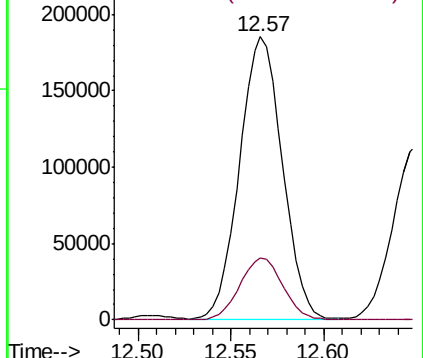
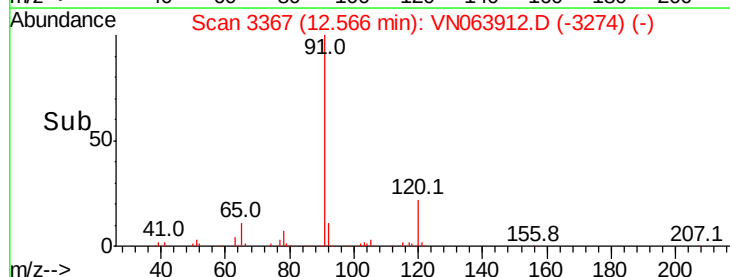
91 100

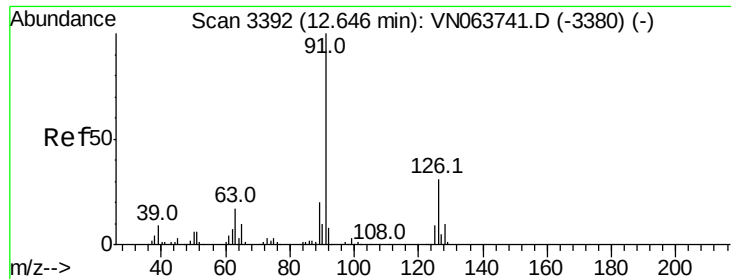
120 22.1 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

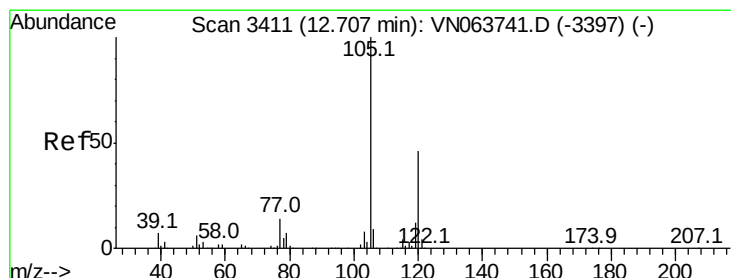
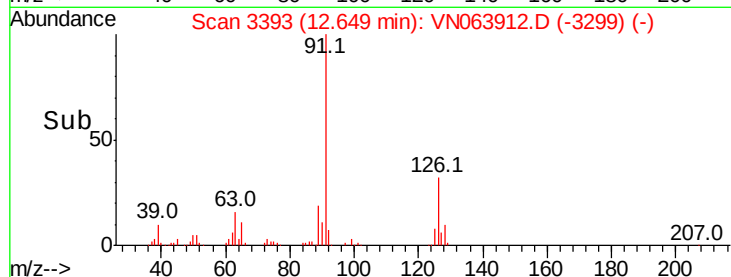
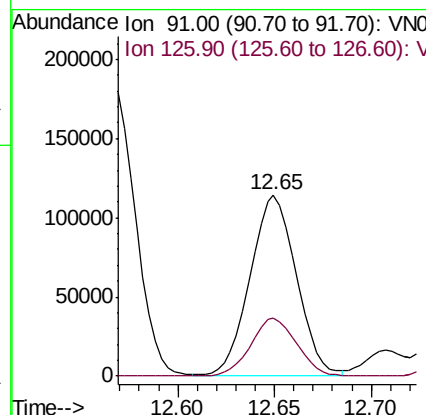
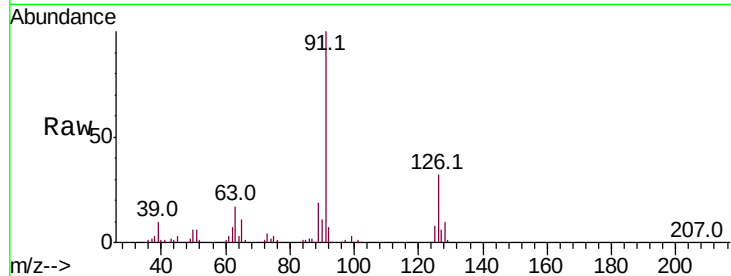




#79
 2-Chlorotoluene
 Concen: 18.792 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. 0.00 min
 Lab File: VN063912.D
 Acq: 6 Oct 2020 23:53

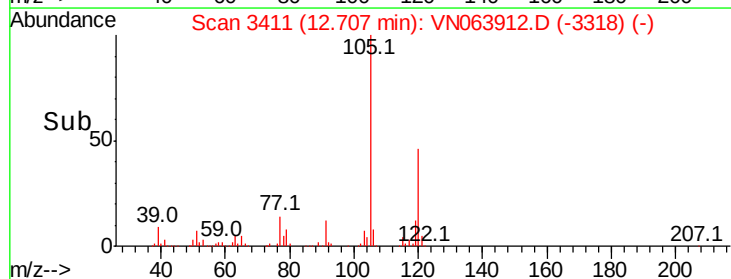
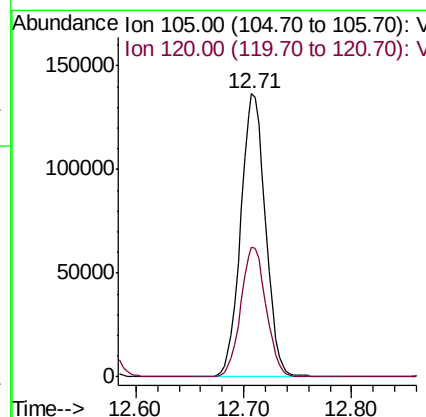
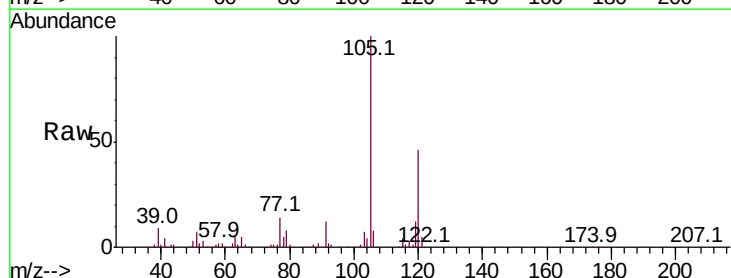
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1006WBS04

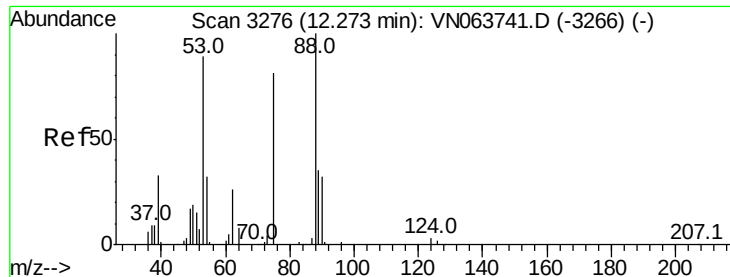
Tot Ion: 91 Resp: 188113
 Ion Ratio Lower Upper
 91 100
 126 32.3 15.9 47.7



#80
 1,3,5-Trimethylbenzene
 Concen: 18.689 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN063912.D
 Acq: 6 Oct 2020 23:53

Tgt Ion: 105 Resp: 219279
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.3 69.9





#81

trans-1,4-Dichloro-2-butene

Concen: 16.503 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063912.D

Acq: 6 Oct 2020 23:53

Instrument :

MSVOA_N

ClientSampleId :

VN1006WBS04

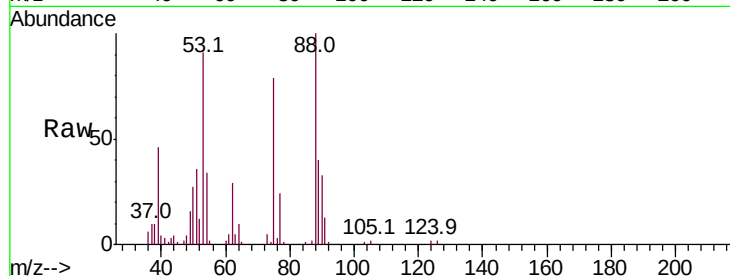
Tot Ion: 75 Resp: 24218

Ion Ratio Lower Upper

75 100

53 125.3 88.2 132.2

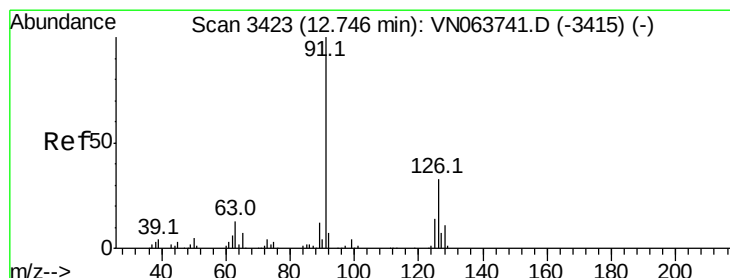
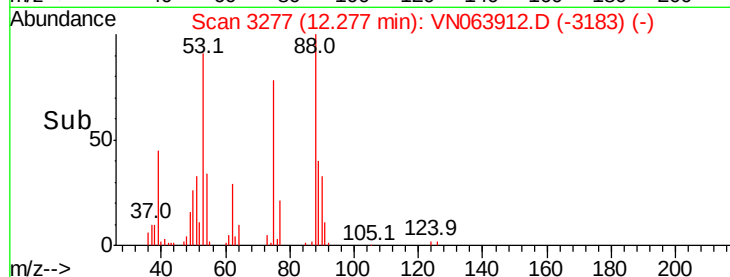
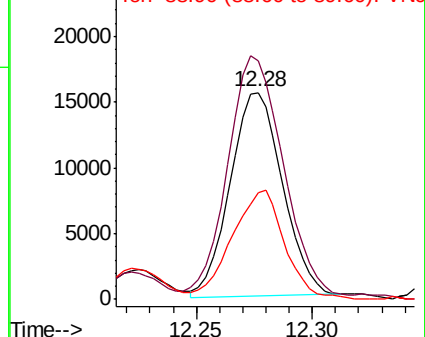
89 54.6 36.0 54.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 18.579 ug/l

RT: 12.75 min Scan# 3424

Delta R.T. 0.00 min

Lab File: VN063912.D

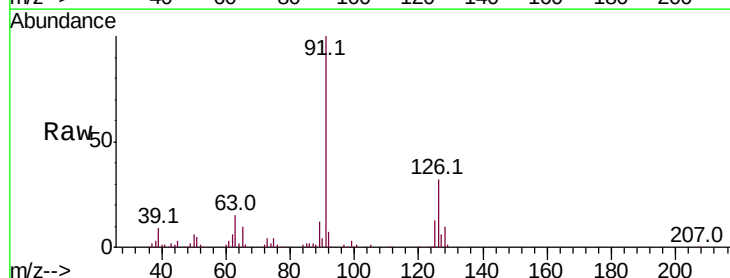
Acq: 6 Oct 2020 23:53

Tgt Ion: 91 Resp: 193068

Ion Ratio Lower Upper

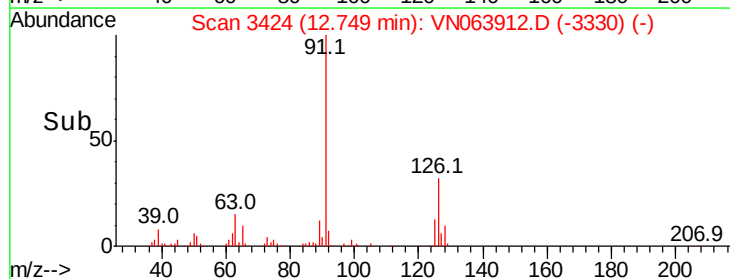
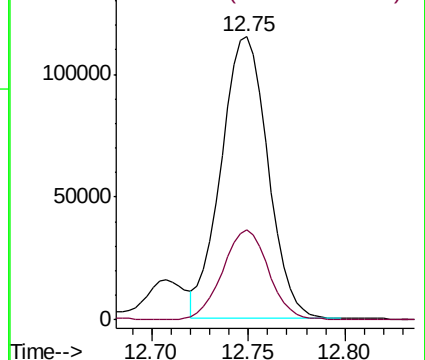
91 100

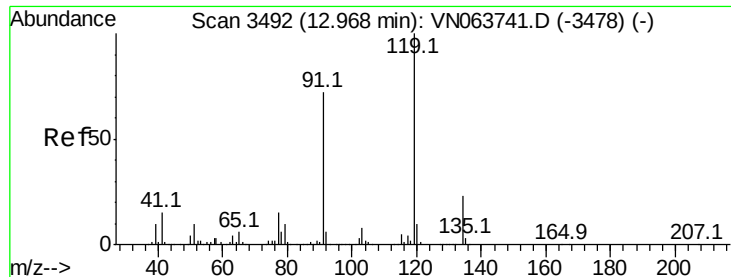
126 31.7 15.4 46.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

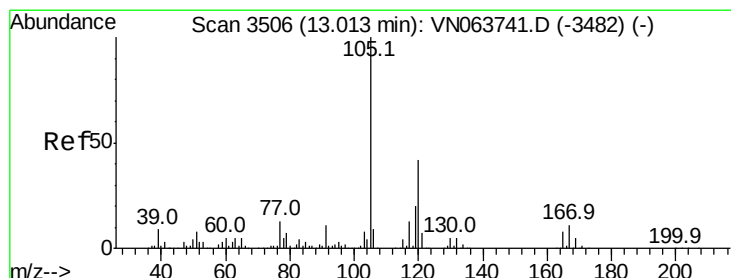
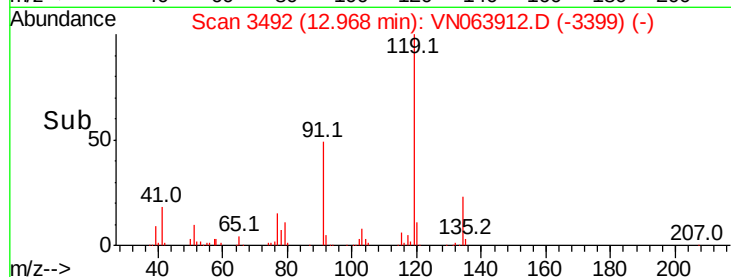
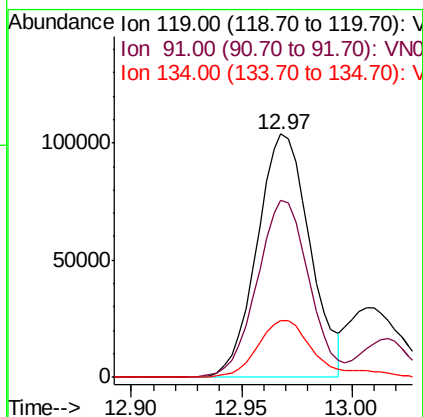
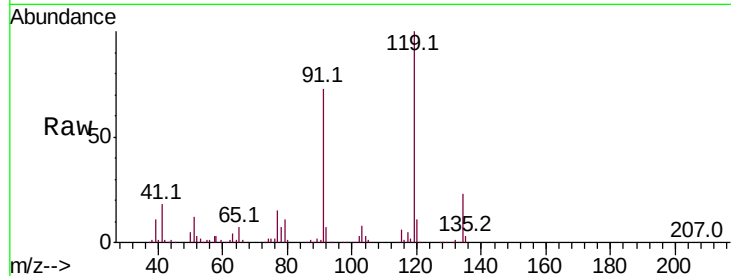




#83
 tert-Butylbenzene
 Concen: 17.942 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN063912.D
 Acq: 6 Oct 2020 23:53

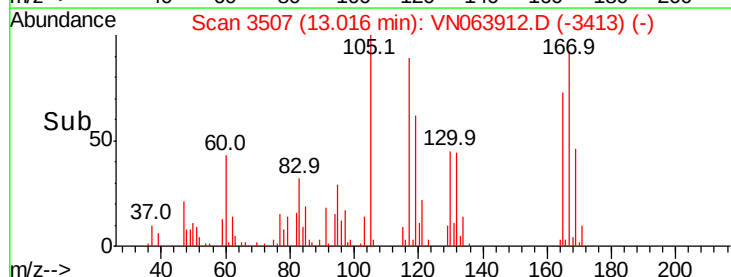
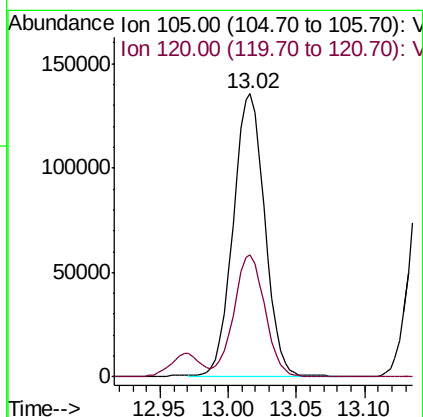
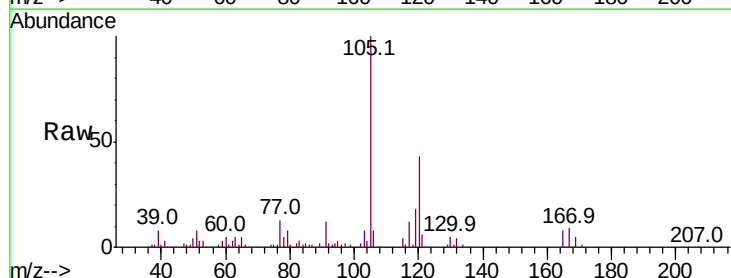
Instrument :
 MSVOA_N
 ClientSampled :
 VN1006WBS04

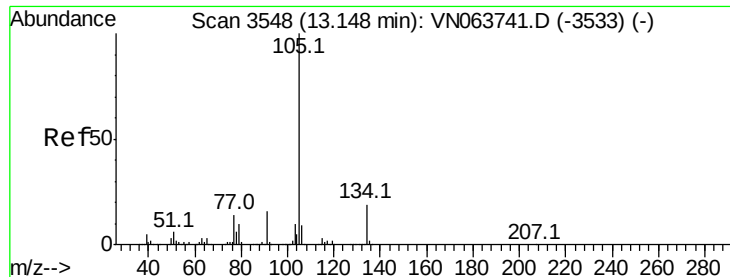
Tot Ion:119 Resp: 172191
 Ion Ratio Lower Upper
 119 100
 91 71.6 35.5 106.5
 134 23.8 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 18.465 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN063912.D
 Acq: 6 Oct 2020 23:53

Tgt Ion:105 Resp: 216302
 Ion Ratio Lower Upper
 105 100
 120 43.0 20.9 62.7

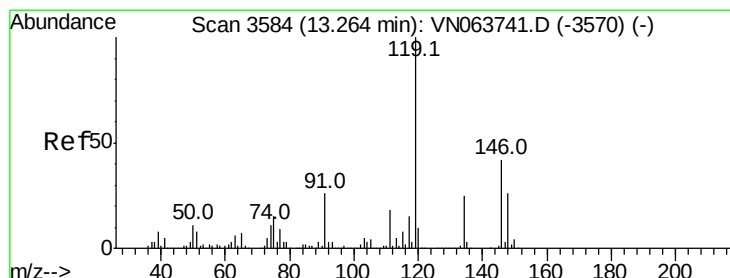
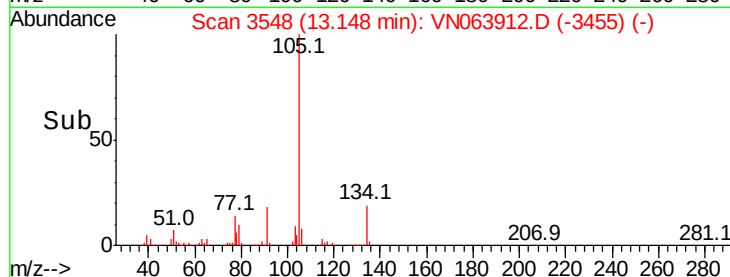
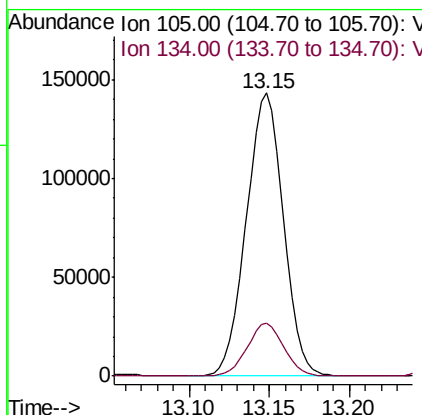
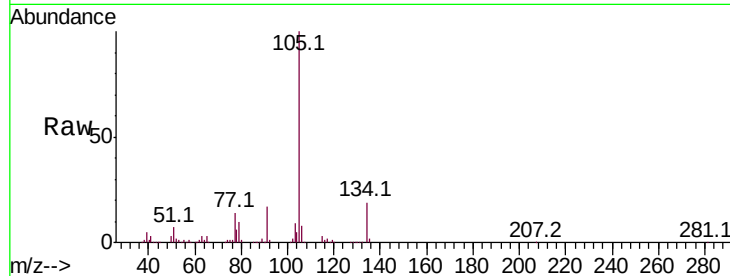




#85
 sec-Butylbenzene
 Concen: 17.986 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN063912.D
 Acq: 6 Oct 2020 23:53

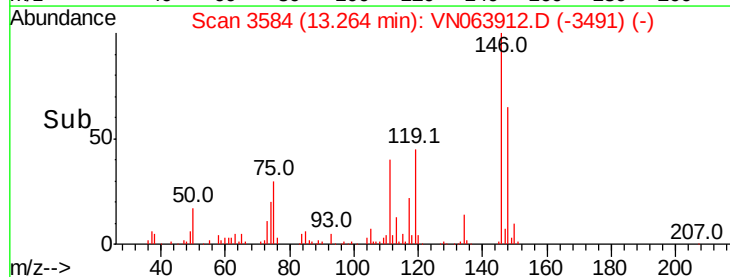
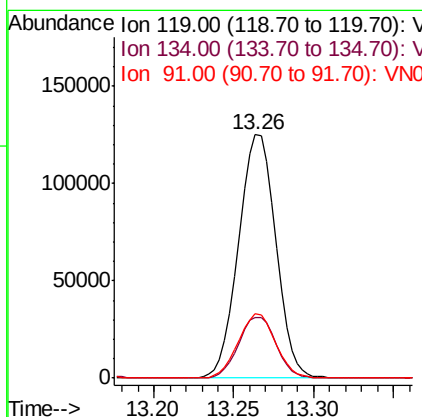
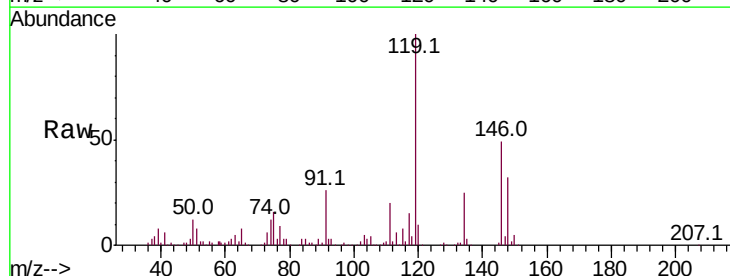
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1006WBS04

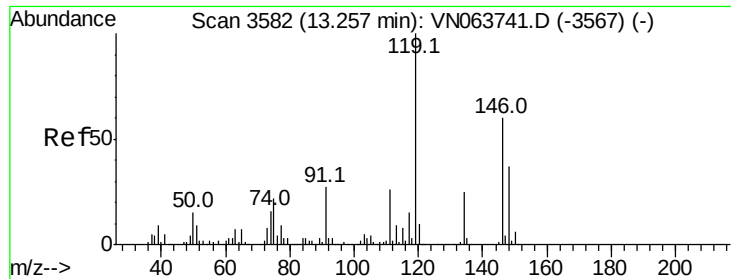
Tot Ion:105 Resp: 226729
 Ion Ratio Lower Upper
 105 100
 134 18.7 9.5 28.5



#86
 p-Isopropyltoluene
 Concen: 17.832 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN063912.D
 Acq: 6 Oct 2020 23:53

Tgt Ion:119 Resp: 198856
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.6 37.8
 91 26.5 13.4 40.2

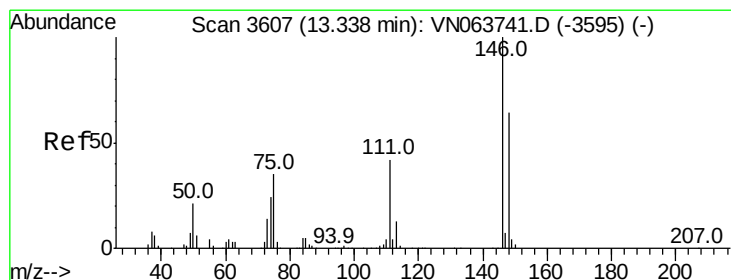
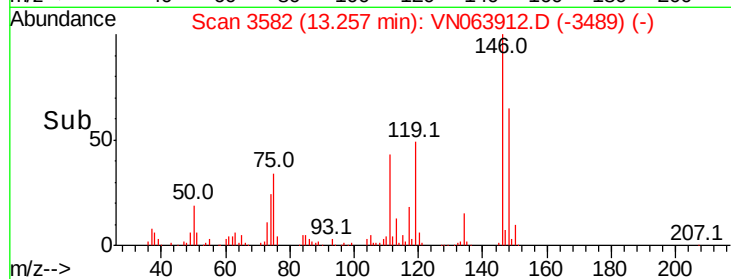
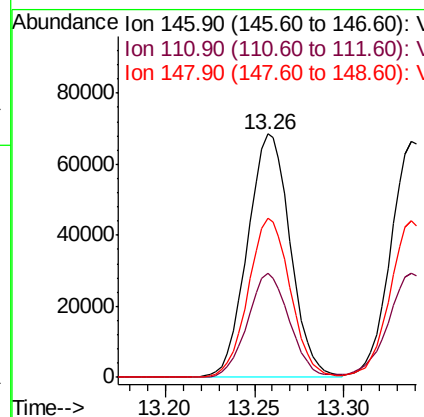
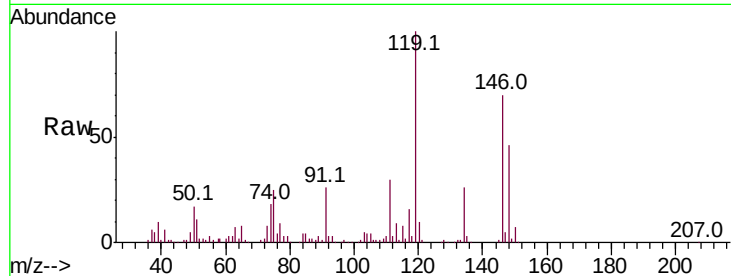




#87
 1,3-Dichlorobenzene
 Concen: 18.524 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN063912.D
 Acq: 6 Oct 2020 23:53

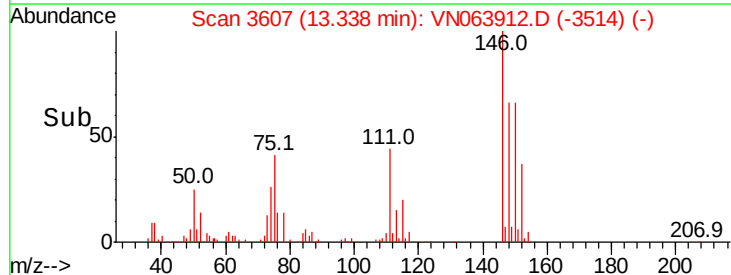
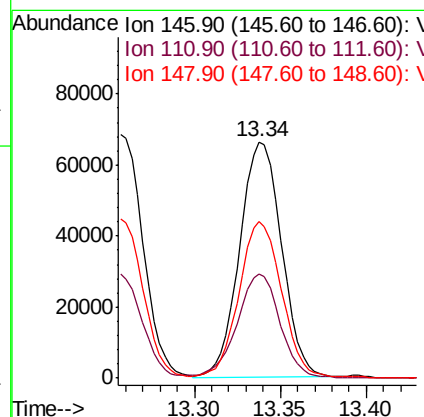
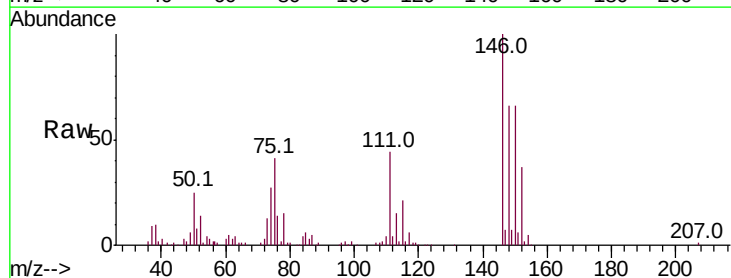
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1006WBS04

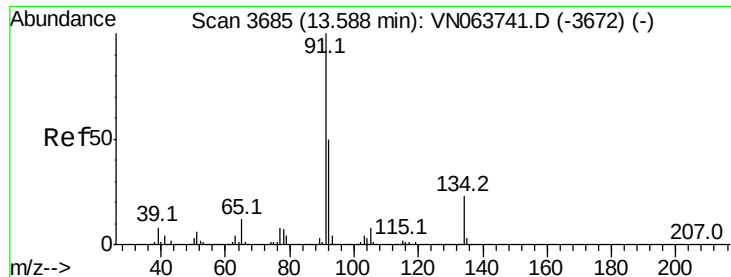
Tot Ion:146 Resp: 115002
 Ion Ratio Lower Upper
 146 100
 111 41.6 21.5 64.5
 148 64.2 31.1 93.3



#88
 1,4-Dichlorobenzene
 Concen: 17.328 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN063912.D
 Acq: 6 Oct 2020 23:53

Tgt Ion:146 Resp: 112014
 Ion Ratio Lower Upper
 146 100
 111 45.9 21.3 63.7
 148 67.0 32.0 96.0

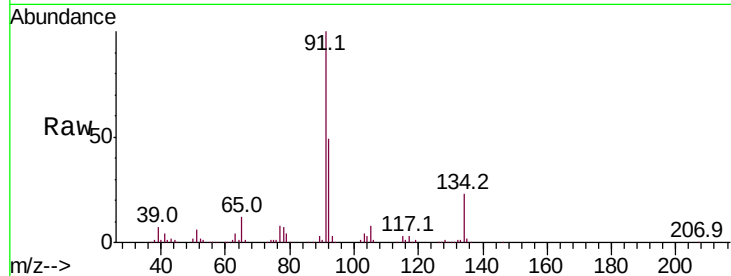




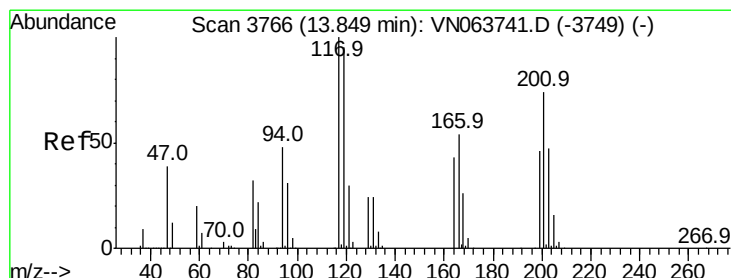
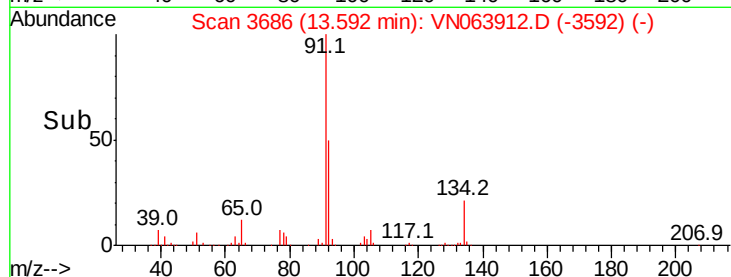
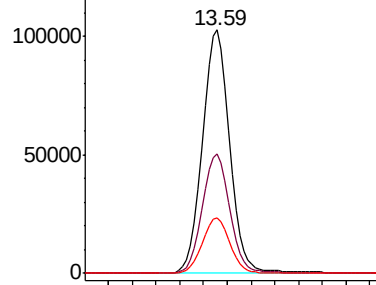
#89
n-Butylbenzene
Concen: 15.866 ug/l
RT: 13.59 min Scan# 3686
Delta R.T. 0.00 min
Lab File: VN063912.D
Acq: 6 Oct 2020 23:53

Instrument :
MSVOA_N
ClientSampled :
VN1006WBS04

Tot Ion: 91 Resp: 163301
Ion Ratio Lower Upper
91 100
92 49.6 25.4 76.4
134 23.1 11.7 35.1

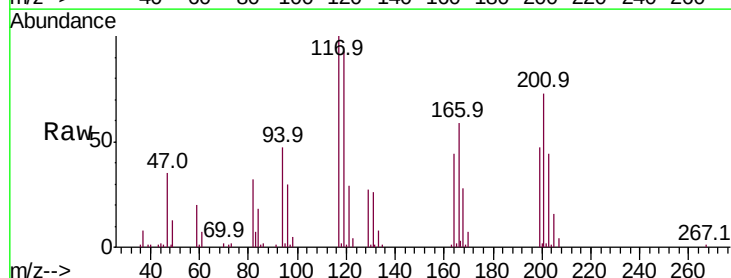


Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 92.00 (91.70 to 92.70): VN0
Ion 134.00 (133.70 to 134.70): V

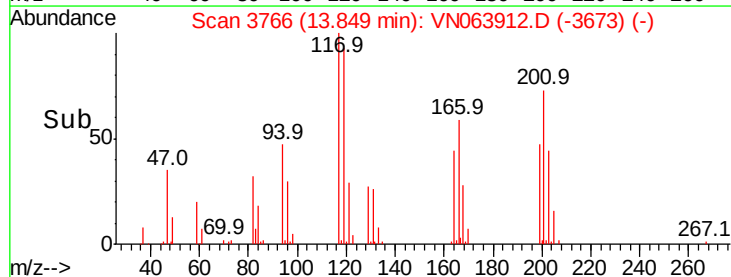
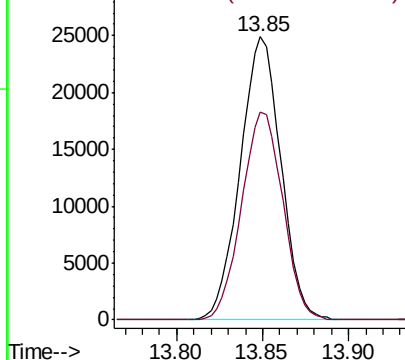


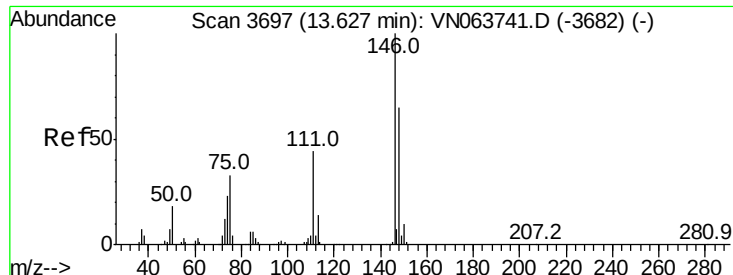
#90
Hexachloroethane
Concen: 18.908 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN063912.D
Acq: 6 Oct 2020 23:53

Tgt Ion: 117 Resp: 40859
Ion Ratio Lower Upper
117 100
201 74.1 36.0 108.0



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 18.344 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. 0.00 min

Lab File: VN063912.D

Acq: 6 Oct 2020 23:53

Instrument :

MSVOA_N

ClientSampleId :

VN1006WBS04

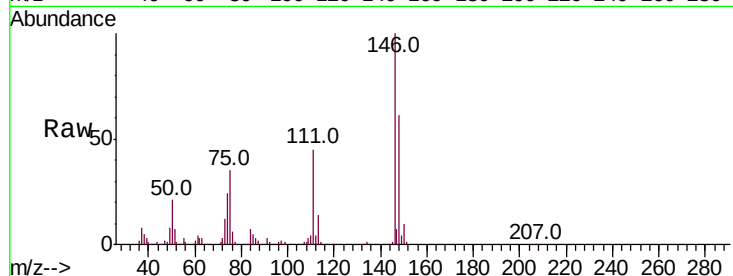
Tot Ion:146 Resp: 112801

Ion Ratio Lower Upper

146 100

111 44.2 22.2 66.6

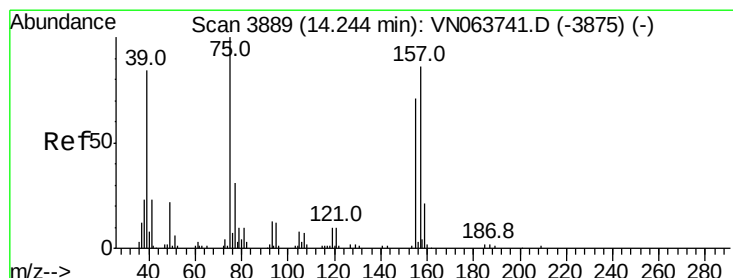
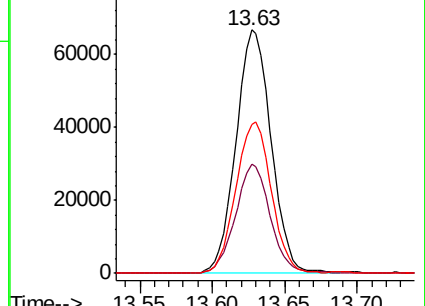
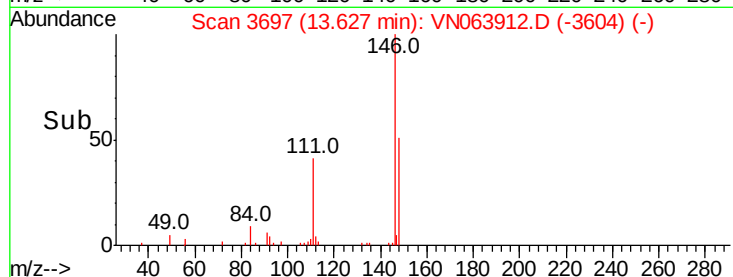
148 62.6 32.5 97.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.009 ug/l

RT: 14.24 min Scan# 3889

Delta R.T. 0.00 min

Lab File: VN063912.D

Acq: 6 Oct 2020 23:53

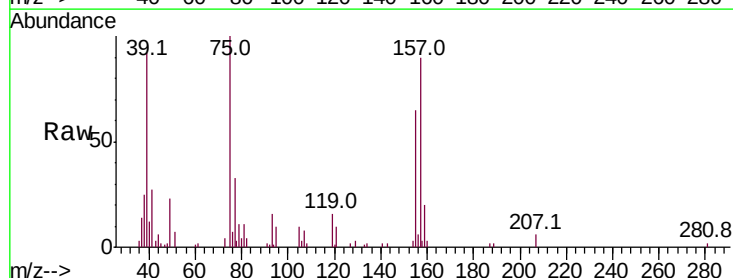
Tgt Ion: 75 Resp: 19065

Ion Ratio Lower Upper

75 100

155 68.2 34.8 104.5

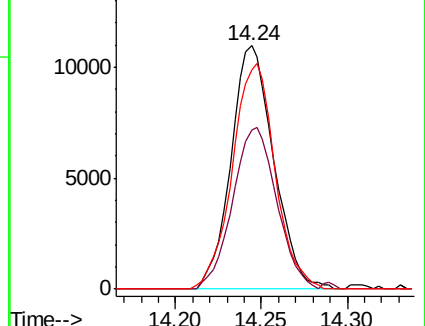
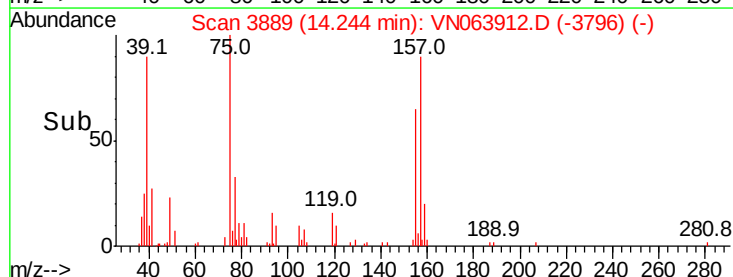
157 92.3 43.7 131.1

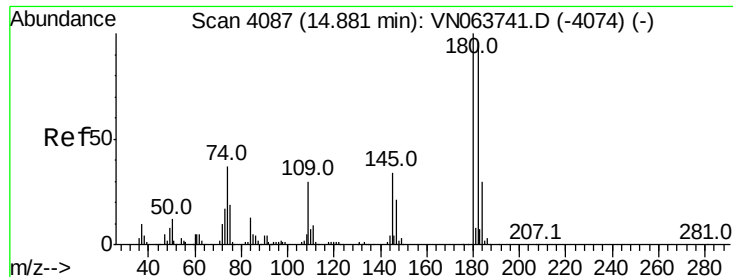


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

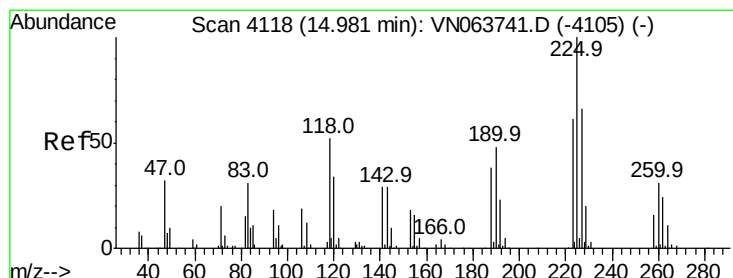
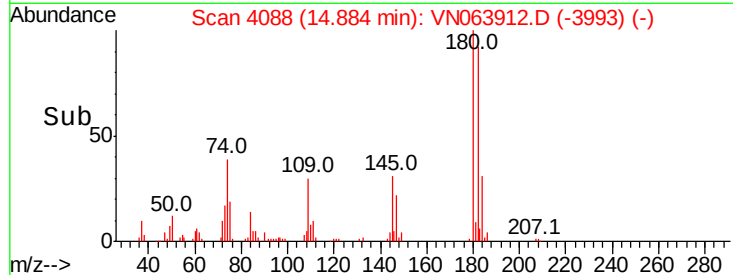
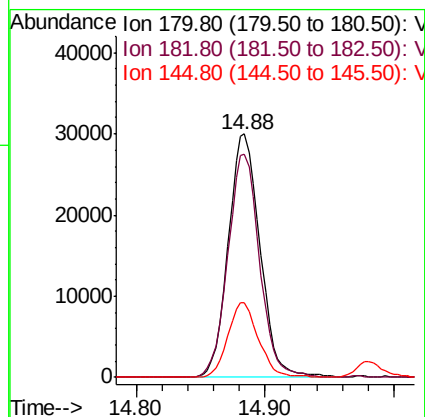
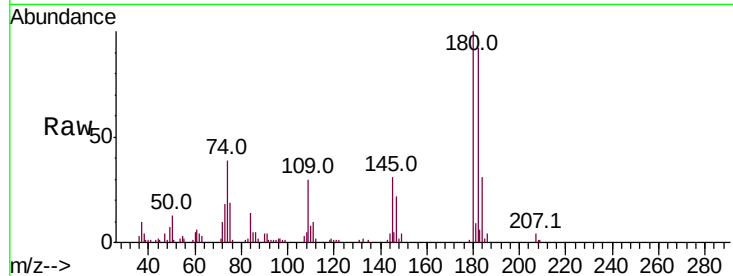




#93
 1,2,4-Trichlorobenzene
 Concen: 16.500 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063912.D
 Acq: 6 Oct 2020 23:53

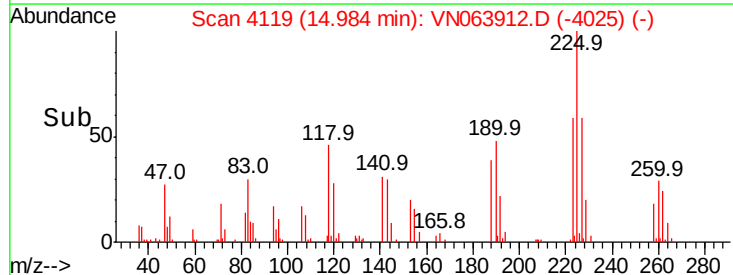
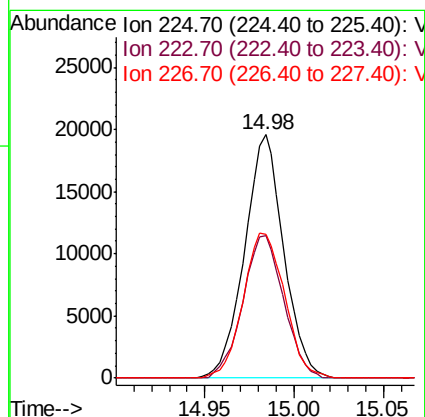
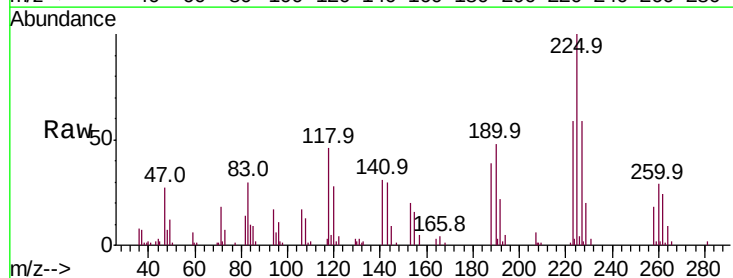
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1006WBS04

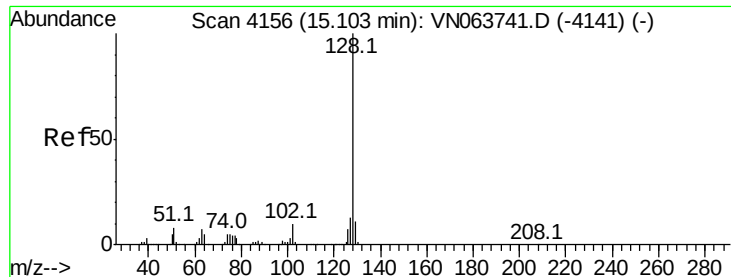
Tot Ion:180 Resp: 51143
 Ion Ratio Lower Upper
 180 100
 182 91.5 48.2 144.6
 145 29.6 17.1 51.2



#94
 Hexachlorobutadiene
 Concen: 18.082 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN063912.D
 Acq: 6 Oct 2020 23:53

Tgt Ion:225 Resp: 30076
 Ion Ratio Lower Upper
 225 100
 223 60.9 30.3 91.0
 227 63.0 31.9 95.5





#95

Naphthalene

Concen: 16.296 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. 0.00 min

Lab File: VN063912.D

Acq: 6 Oct 2020 23:53

Instrument :

MSVOA_N

ClientSampleId :

VN1006WBS04

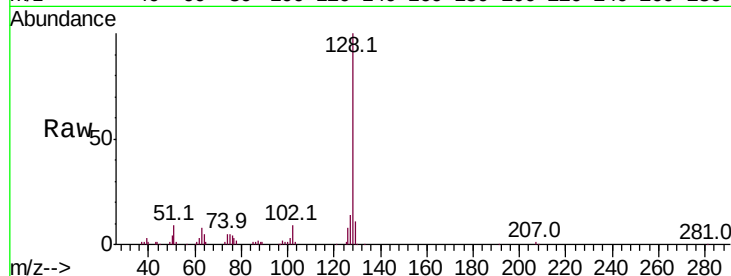
Tot Ion:128 Resp: 154644

Ion Ratio Lower Upper

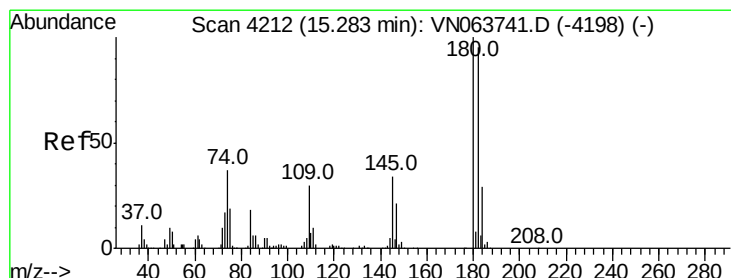
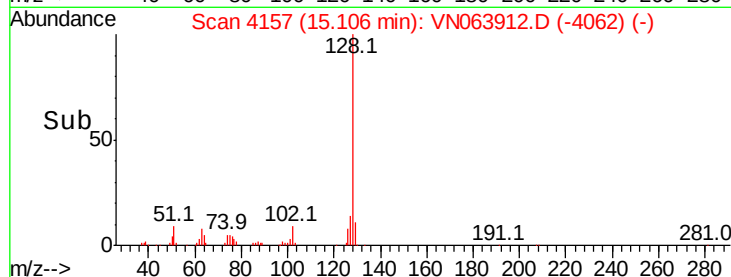
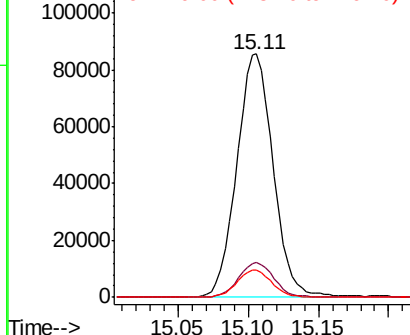
128 100

127 13.9 10.5 15.7

129 10.8 8.7 13.1



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



#96

1,2,3-Trichlorobenzene

Concen: 16.886 ug/l

RT: 15.29 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN063912.D

Acq: 6 Oct 2020 23:53

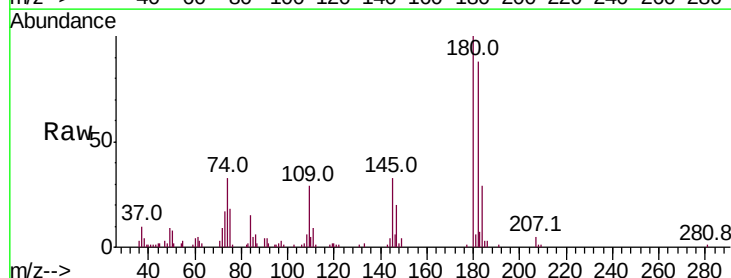
Tgt Ion:180 Resp: 51286

Ion Ratio Lower Upper

180 100

182 92.2 47.9 143.6

145 33.4 17.2 51.5



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

