

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100620\
 Data File : VN063902.D
 Acq On : 6 Oct 2020 18:44
 Operator : JC/MD
 Sample : VN1006BS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1006WBS02

Quant Time: Oct 07 04:18:53 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	7.63	168	264803	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	426474	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	407644	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	186054	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	211885	48.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.86%	
35) Dibromofluoromethane	7.55	113	146035	49.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.70%	
50) Toluene-d8	10.06	98	521597	46.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.00%	
62) 4-Bromofluorobenzene	12.38	95	193017	45.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	44971	16.095	ug/l	98
3) Chloromethane	2.04	50	54517	16.629	ug/l	96
4) Vinyl Chloride	2.17	62	53788	16.344	ug/l	98
5) Bromomethane	2.53	94	36095	17.437	ug/l	97
6) Chloroethane	2.68	64	36912	18.770	ug/l	97
7) Trichlorofluoromethane	2.99	101	89265	17.103	ug/l	95
8) Diethyl Ether	3.38	74	31060	17.596	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	48098	17.241	ug/l #	87
10) Methyl Iodide	3.91	142	56917	17.572	ug/l	97
11) Tert butyl alcohol	4.73	59	49393	102.266	ug/l	100
12) 1,1-Dichloroethene	3.70	96	46817	17.557	ug/l	98
13) Acrolein	3.57	56	34258	115.569	ug/l	99
14) Allyl chloride	4.28	41	90931	18.356	ug/l	91
15) Acrylonitrile	4.93	53	128482	92.934	ug/l	100
16) Acetone	3.78	43	121737	90.398	ug/l	99
17) Carbon Disulfide	4.01	76	121755	17.358	ug/l	100
18) Methyl Acetate	4.28	43	66506	19.021	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	174232	17.985	ug/l	98
20) Methylene Chloride	4.51	84	58405	18.996	ug/l	93
21) trans-1,2-Dichloroethene	5.00	96	51277	17.168	ug/l	97
22) Diisopropyl ether	5.90	45	195723	19.203	ug/l	96
23) Vinyl Acetate	5.85	43	780786	92.479	ug/l	100
24) 1,1-Dichloroethane	5.80	63	104989	18.016	ug/l	97
25) 2-Butanone	6.78	43	183699	96.215	ug/l	96
26) 2,2-Dichloropropane	6.78	77	92736	17.377	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	59633	17.360	ug/l	97
28) Bromochloromethane	7.15	49	51166	17.764	ug/l #	18
29) Tetrahydrofuran	7.17	42	124431	97.171	ug/l	96
30) Chloroform	7.33	83	114151	18.786	ug/l	94
31) Cyclohexane	7.62	56	84068	16.553	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	100425	18.323	ug/l	99
36) 1,1-Dichloropropene	7.75	75	75024	17.364	ug/l	99
37) Ethyl Acetate	6.88	43	80155	18.673	ug/l	97
38) Carbon Tetrachloride	7.74	117	87766	18.115	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	69520	16.135	ug/l	98
40) Benzene	8.00	78	228168	18.489	ug/l	98
41) Methacrylonitrile	7.16	41	120511	63.168	ug/l #	23
42) 1,2-Dichloroethane	8.09	62	102199	19.401	ug/l	99
43) Isopropyl Acetate	8.13	43	135085	19.079	ug/l	100
44) Trichloroethene	8.80	130	57756	17.862	ug/l	99
45) 1,2-Dichloropropane	9.09	63	61061	18.321	ug/l	97
46) Dibromomethane	9.18	93	41925	18.235	ug/l	99
47) Bromodichloromethane	9.37	83	89352	18.857	ug/l	96
48) Methyl methacrylate	9.17	41	66954	19.140	ug/l	96
49) 1,4-Dioxane	9.17	88	18463	371.364	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	413557	99.530	ug/l	99
52) Toluene	10.13	92	138664	18.166	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	93196	18.348	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	96264	18.122	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	58420	19.084	ug/l	98
56) Ethyl methacrylate	10.40	69	79833	18.399	ug/l	96
57) 1,3-Dichloropropane	10.68	76	96649	18.662	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.66	63	226682	97.665	ug/l	100
59) 2-Hexanone	10.72	43	297897	96.511	ug/l	96
60) Dibromochloromethane	10.87	129	66808	18.740	ug/l	97
61) 1,2-Dibromoethane	10.98	107	58716	18.751	ug/l	99
64) Tetrachloroethene	10.60	164	54418	17.255	ug/l	96
65) Chlorobenzene	11.41	112	149521	17.881	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	58478	18.241	ug/l	99
67) Ethyl Benzene	11.49	91	261588	17.192	ug/l	98
68) m/p-Xylenes	11.59	106	193369	34.098	ug/l	98
69) o-Xylene	11.92	106	92867	17.521	ug/l	99
70) Styrene	11.94	104	157458	17.500	ug/l	99
71) Bromoform	12.10	173	43593	17.780	ug/l #	97
73) Isopropylbenzene	12.23	105	245010	18.054	ug/l	99
74) N-amyl acetate	12.05	43	110933	19.024	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	80551	19.411	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	110007	26.822	ug/l #	100
77) Bromobenzene	12.50	156	63980	19.214	ug/l	98
78) n-propylbenzene	12.57	91	275566	17.448	ug/l	100
79) 2-Chlorotoluene	12.65	91	177816	18.307	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	205139	18.018	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	25894	18.184	ug/l	93
82) 4-Chlorotoluene	12.75	91	183671	18.215	ug/l	99
83) tert-Butylbenzene	12.97	119	162928	17.495	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	201026	17.685	ug/l	97
85) sec-Butylbenzene	13.15	105	209457	17.124	ug/l	99
86) p-Isopropyltoluene	13.26	119	187233	17.303	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	109966	18.254	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	110574	17.628	ug/l	100
89) n-Butylbenzene	13.59	91	159097	15.930	ug/l	99
90) Hexachloroethane	13.85	117	36070	17.202	ug/l	95
91) 1,2-Dichlorobenzene	13.63	146	108799	18.234	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	17851	18.343	ug/l	97

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Quant Title : SW846 8260
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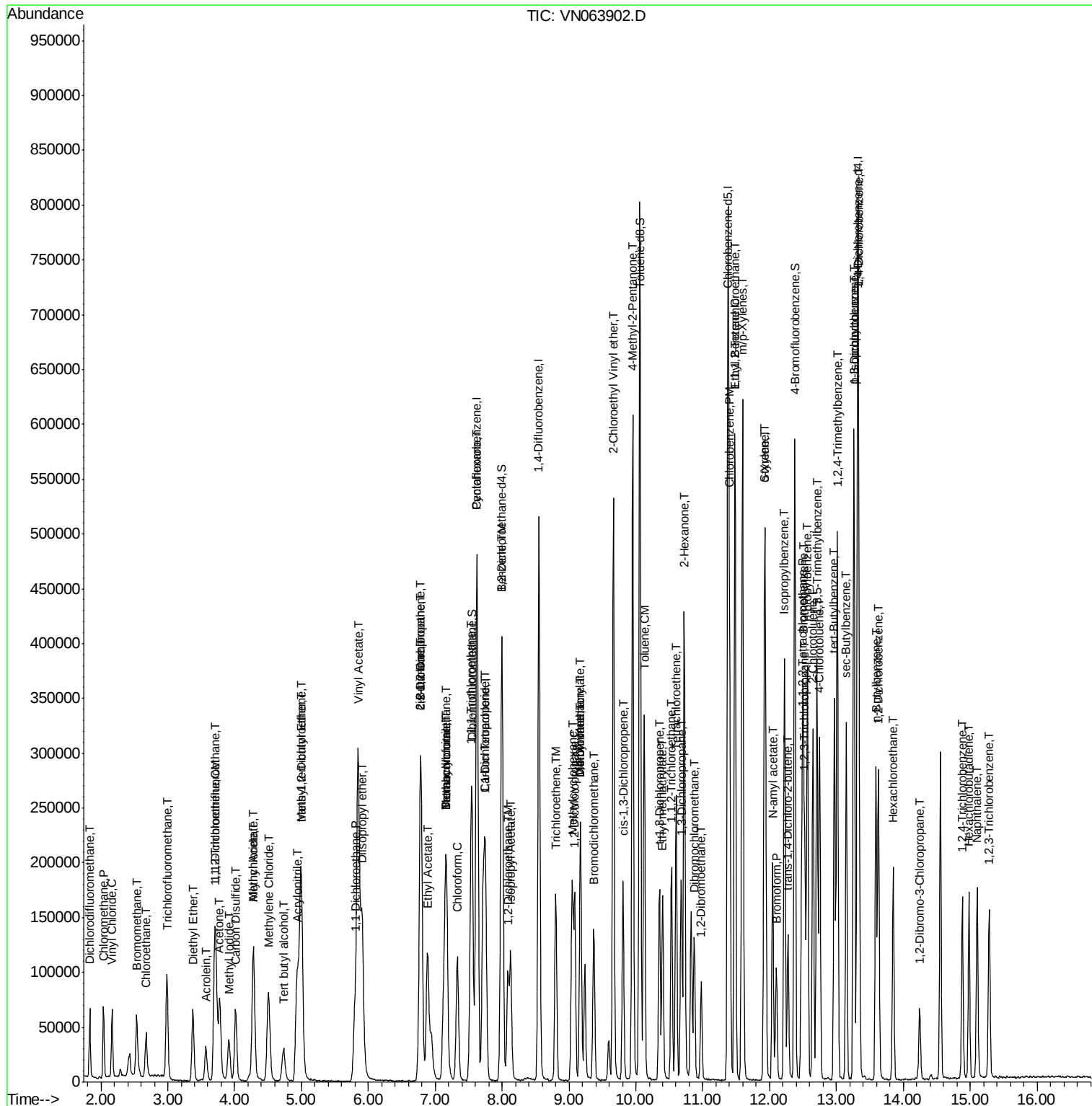
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	50071	16.633	ug/l	95
94) Hexachlorobutadiene	14.98	225	29353	18.186	ug/l	97
95) Naphthalene	15.11	128	144625	15.776	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	49602	16.836	ug/l	96

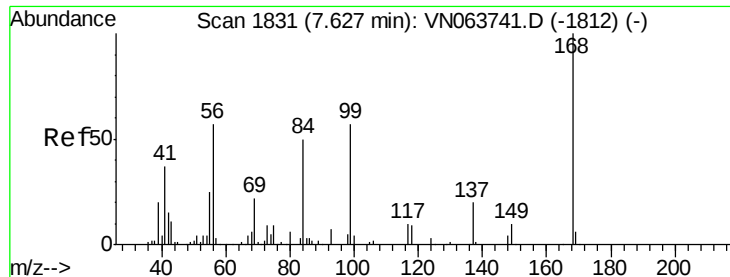
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063902.D

Acq: 6 Oct 2020 18:44

Instrument :

MSVOA_N

ClientSampleId :

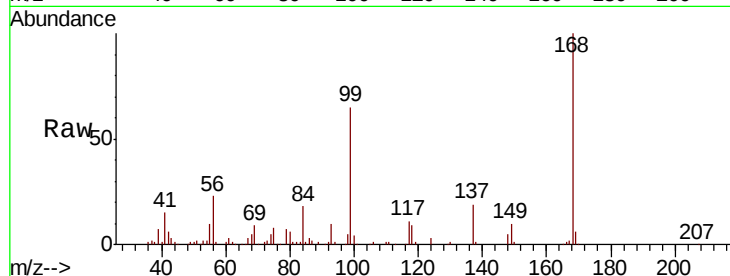
VN1006WBS02

Tot Ion:168 Resp: 264803

Ion Ratio Lower Upper

168 100

99 64.6 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

120000

100000

80000

60000

40000

20000

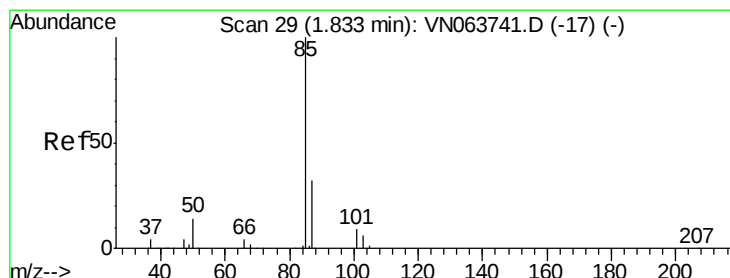
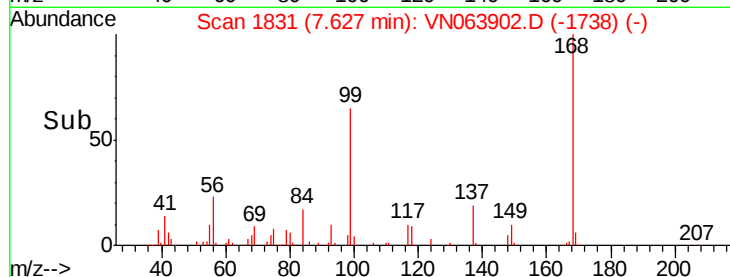
0

7.50

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 16.095 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063902.D

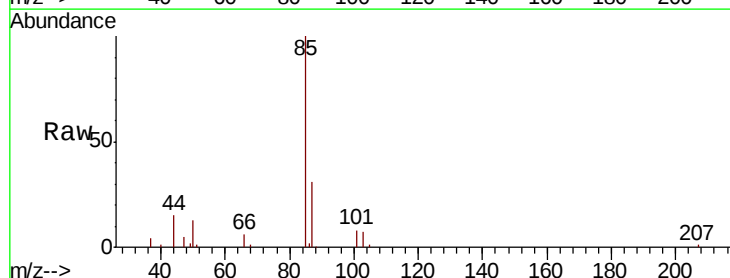
Acq: 6 Oct 2020 18:44

Tgt Ion: 85 Resp: 44971

Ion Ratio Lower Upper

85 100

87 31.0 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

40000

30000

20000

10000

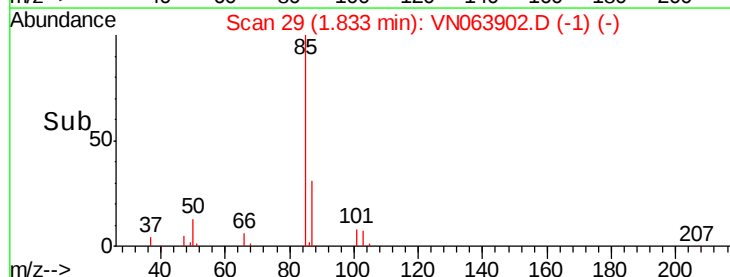
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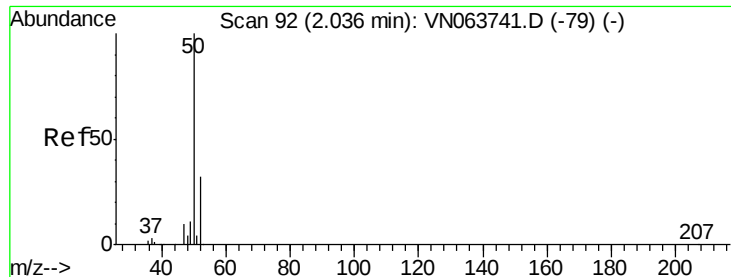
1.80

1.85

1.90

Time-->





#3

Chloromethane

Concen: 16.629 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN063902.D

Acq: 6 Oct 2020 18:44

Instrument :

MSVOA_N

ClientSampleId :

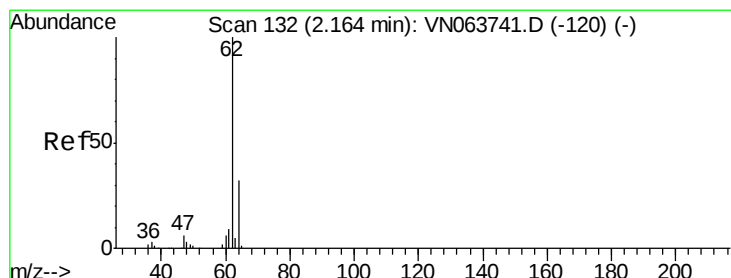
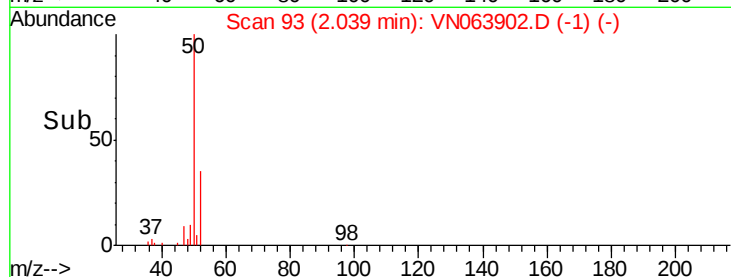
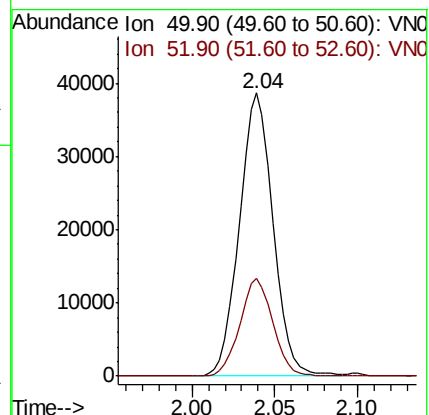
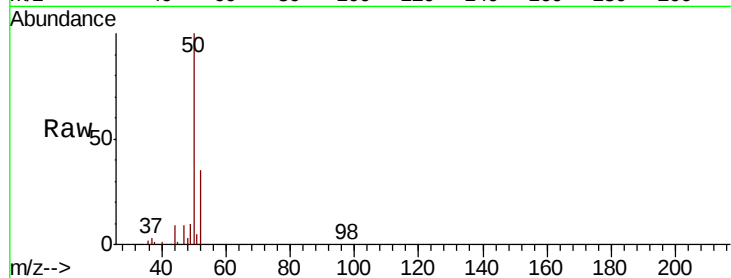
VN1006WBS02

Tot Ion: 50 Resp: 54517

Ion Ratio Lower Upper

50 100

52 34.5 25.8 38.8



#4

Vinyl Chloride

Concen: 16.344 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN063902.D

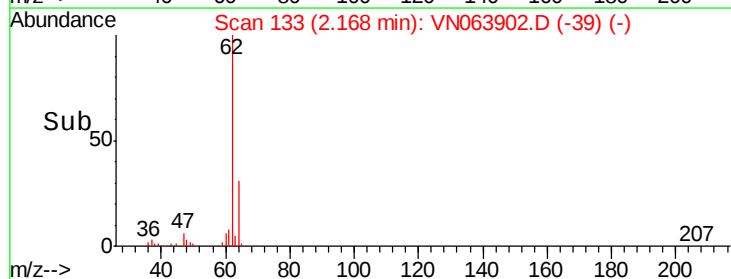
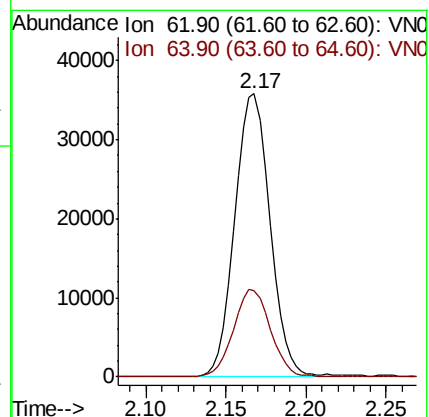
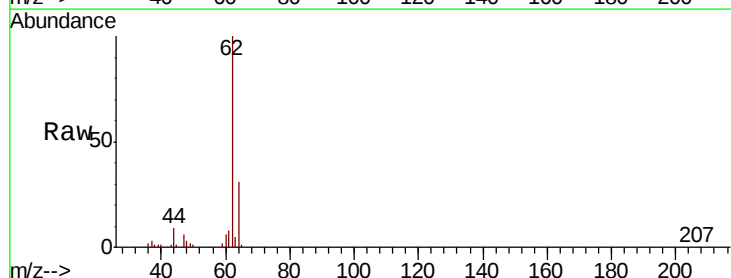
Acq: 6 Oct 2020 18:44

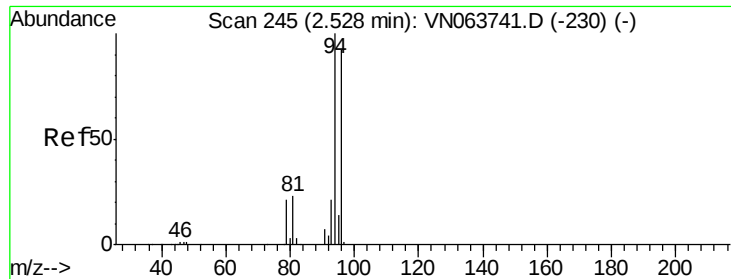
Tgt Ion: 62 Resp: 53788

Ion Ratio Lower Upper

62 100

64 30.7 25.6 38.4





#5

Bromomethane

Concen: 17.437 ug/l

RT: 2.53 min Scan# 247

Delta R.T. 0.01 min

Lab File: VN063902.D

Acq: 6 Oct 2020 18:44

Instrument :

MSVOA_N

ClientSampleId :

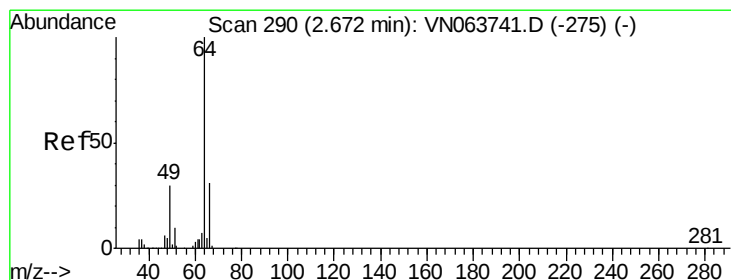
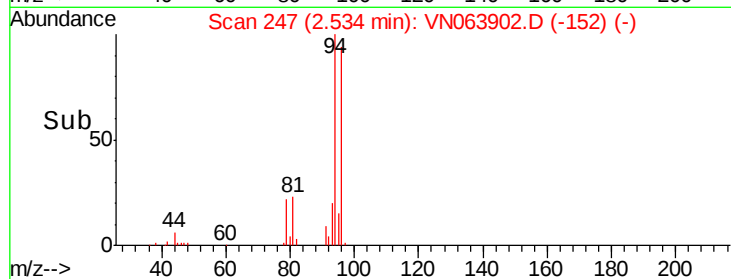
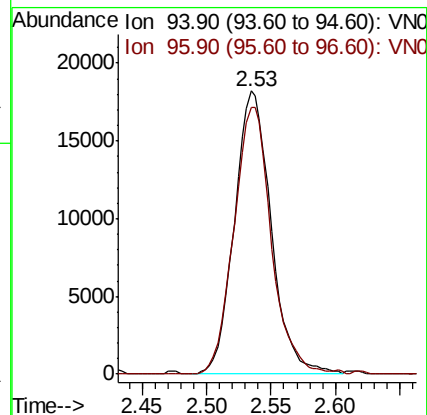
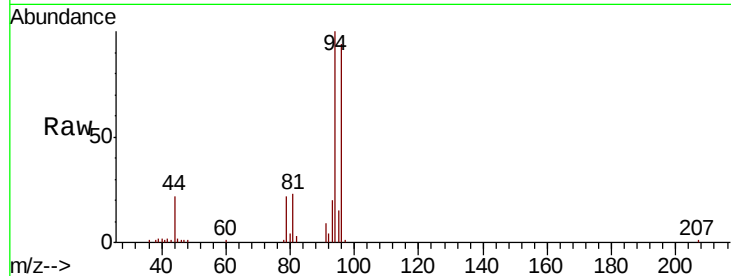
VN1006WBS02

Tot Ion: 94 Resp: 36095

Ion Ratio Lower Upper

94 100

96 94.3 73.3 109.9



#6

Chloroethane

Concen: 18.770 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN063902.D

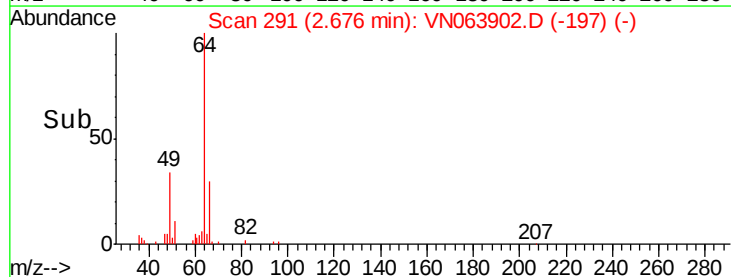
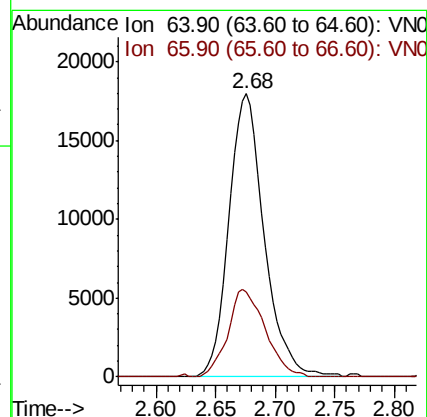
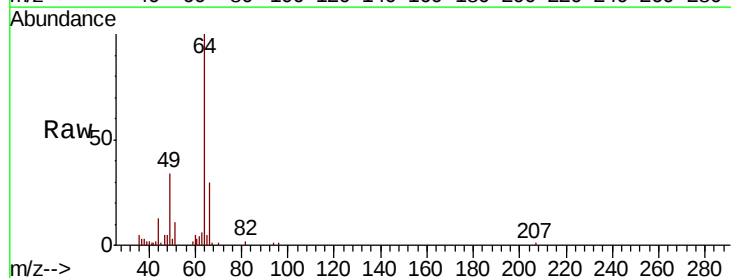
Acq: 6 Oct 2020 18:44

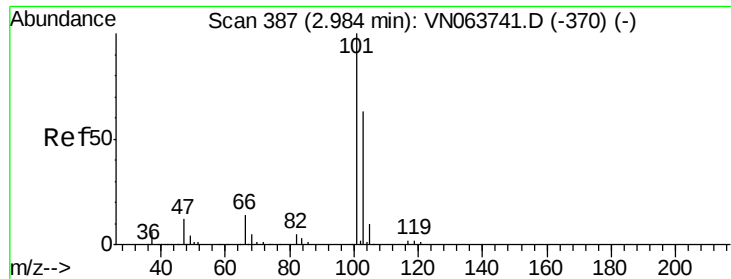
Tgt Ion: 64 Resp: 36912

Ion Ratio Lower Upper

64 100

66 29.8 25.1 37.7



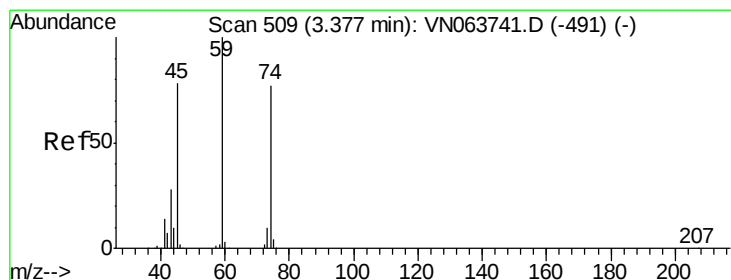
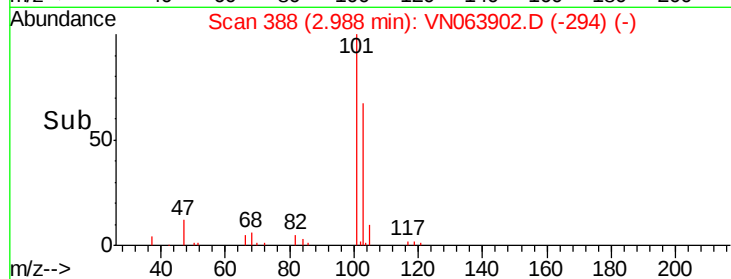
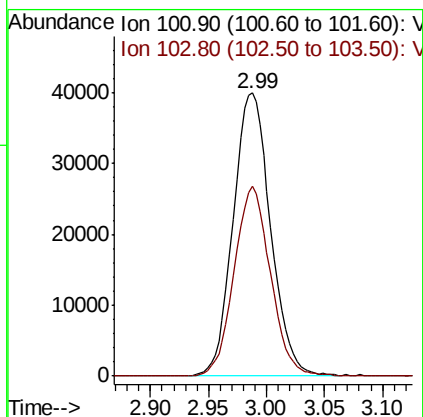
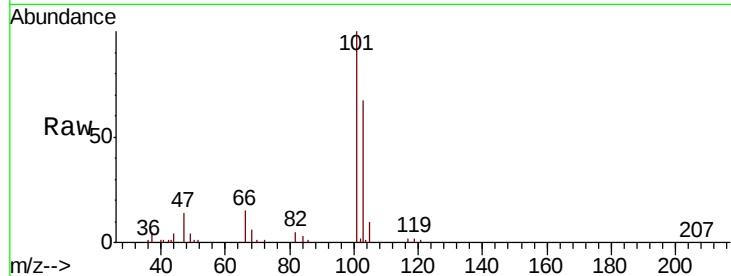


#7

Trichlorofluoromethane
 Concen: 17.103 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN063902.D
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Instrument :
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 VN1006WBS02

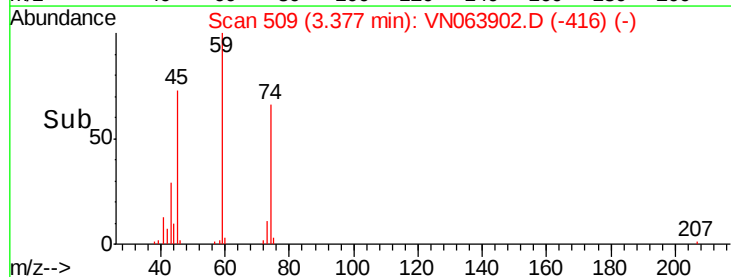
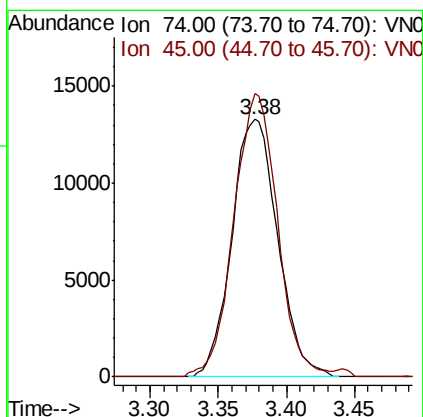
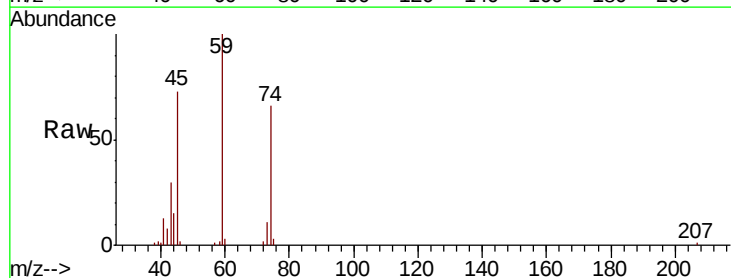
Tot Ion:101 Resp: 89265
 Ion Ratio Lower Upper
 101 100
 103 67.0 50.7 76.1

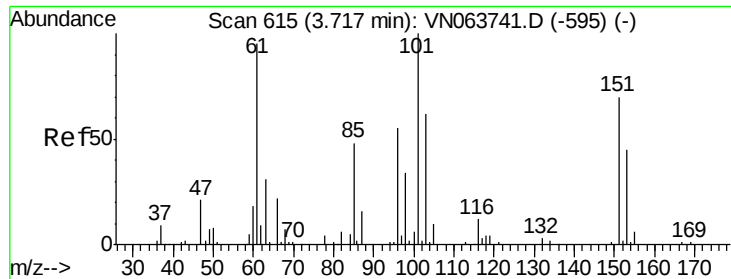


#8

Diethyl Ether
 Concen: 17.596 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN063902.D
 Acq: 6 Oct 2020 18:44

Tgt Ion: 74 Resp: 31060
 Ion Ratio Lower Upper
 74 100
 45 104.8 50.9 152.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.241 ug/l

RT: 3.72 min Scan# 617

Delta R.T. 0.01 min

Lab File: VN063902.D

Acq: 6 Oct 2020 18:44

Instrument :

MSVOA_N

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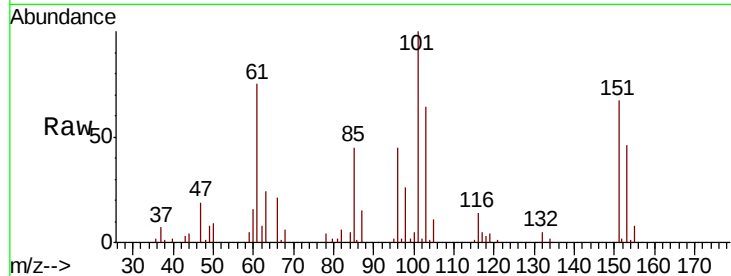
Tot Ion:101 Resp: 48098

Ion Ratio Lower Upper

101 100

85 26.8 38.6 58.0#

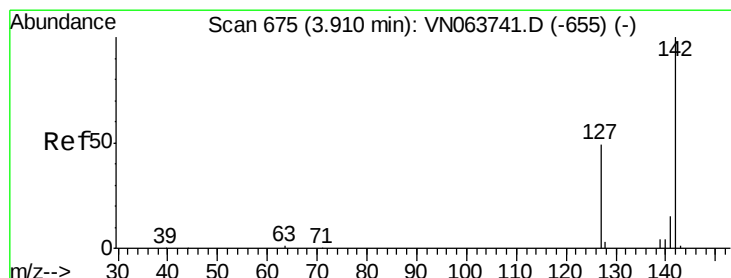
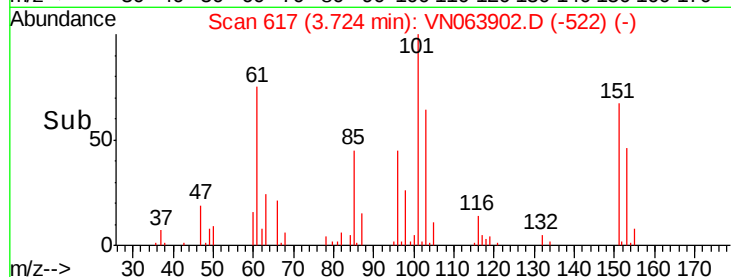
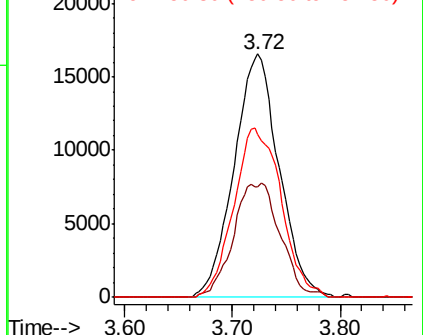
151 73.2 58.7 88.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.572 ug/l

RT: 3.91 min Scan# 676

Delta R.T. 0.00 min

Lab File: VN063902.D

Acq: 6 Oct 2020 18:44

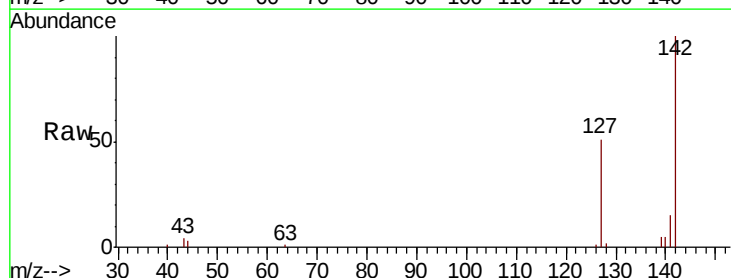
Tgt Ion:142 Resp: 56917

Ion Ratio Lower Upper

142 100

127 52.9 40.5 60.7

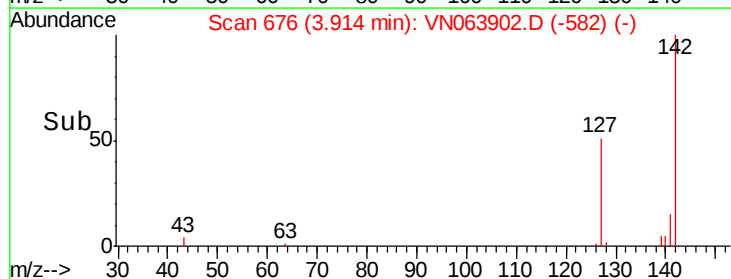
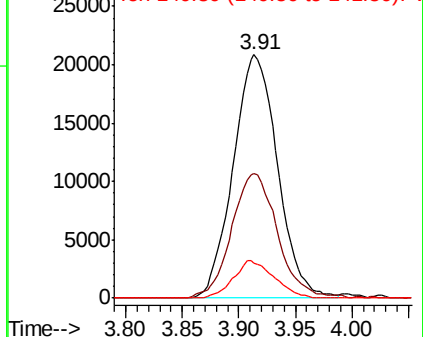
141 14.2 11.7 17.5

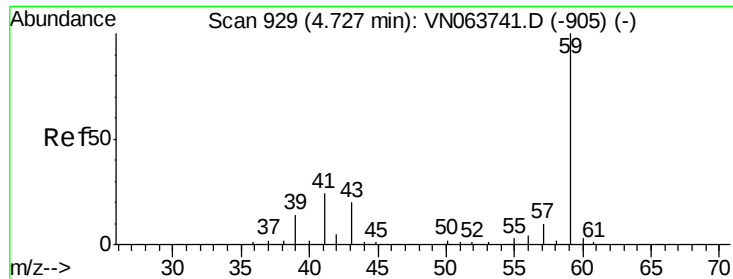


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

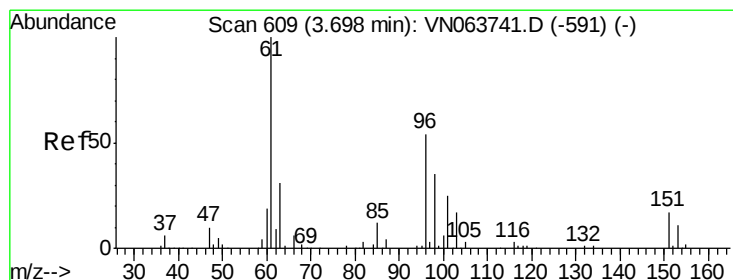
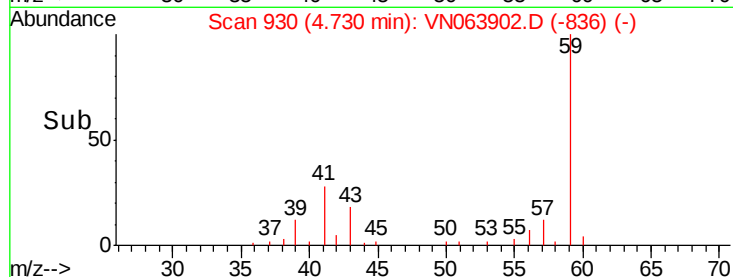
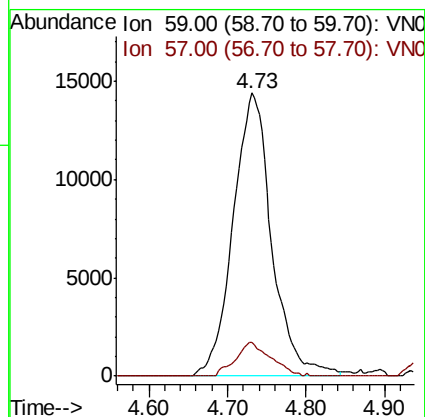
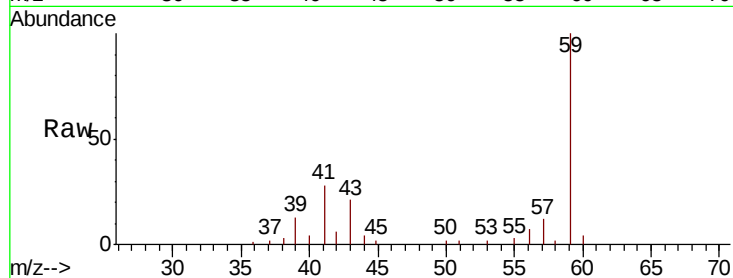




#11
Tert butyl alcohol
Concen: 102.266 ug/l
RT: 4.73 min Scan# 930
Delta R.T. 0.00 min
Lab File: VN063902.D
Acq: 6 Oct 2020 18:44

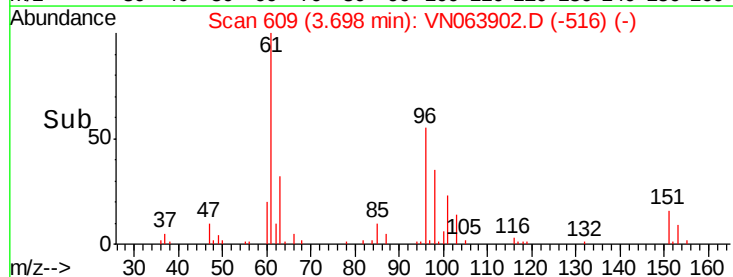
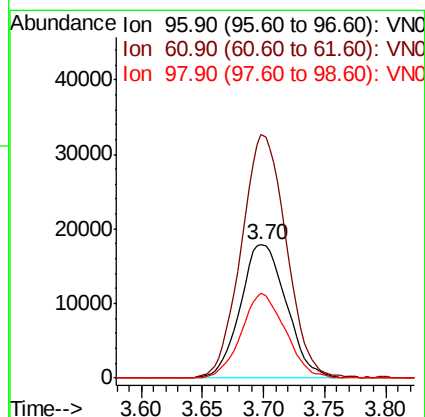
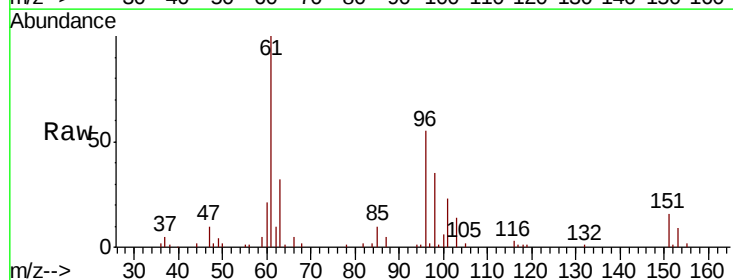
Instrument :
MSVOA_N
ClientSampleId :
VN1006WBS02

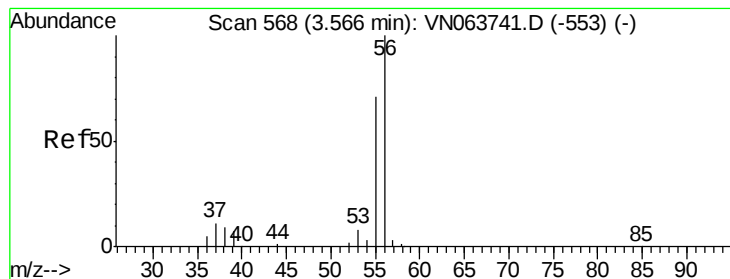
Tot Ion: 59 Resp: 49393
Ion Ratio Lower Upper
59 100
57 10.9 8.7 13.1



#12
1,1-Dichloroethene
Concen: 17.557 ug/l
RT: 3.70 min Scan# 609
Delta R.T. 0.00 min
Lab File: VN063902.D
Acq: 6 Oct 2020 18:44

Tgt Ion: 96 Resp: 46817
Ion Ratio Lower Upper
96 100
61 182.6 147.7 221.5
98 63.3 51.9 77.9





#13

Acrolein

Concen: 115.569 ug/l

RT: 3.57 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN063902.D

Acq: 6 Oct 2020 18:44

Instrument :

MSVOA_N

ClientSampleId :

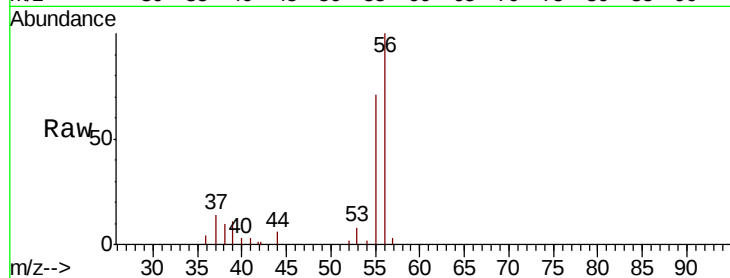
VN1006WBS02

Tot Ion: 56 Resp: 34258

Ion Ratio Lower Upper

56 100

55 70.1 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

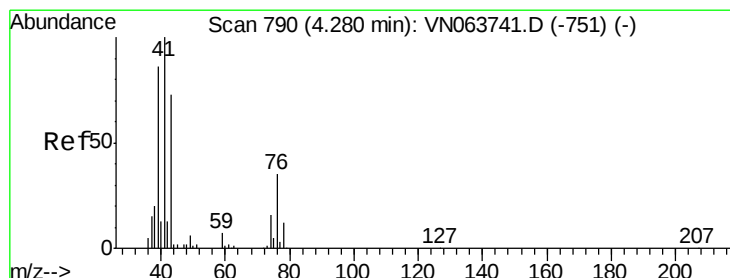
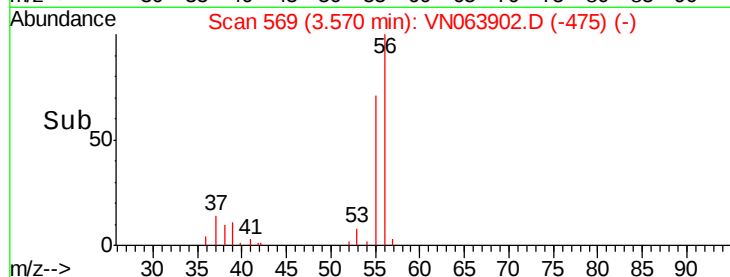
10000

5000

0

Time-->

3.50 3.55 3.60 3.65



#14

Allyl chloride

Concen: 18.356 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063902.D

Acq: 6 Oct 2020 18:44

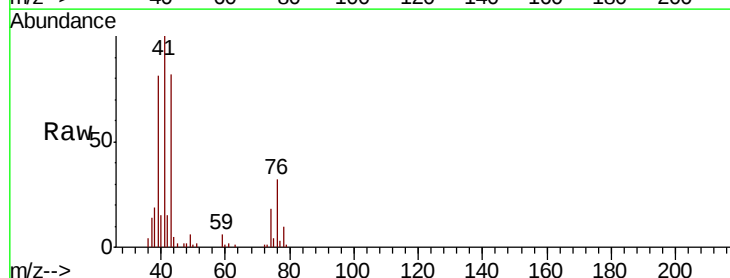
Tgt Ion: 41 Resp: 90931

Ion Ratio Lower Upper

41 100

39 71.0 64.5 96.7

76 30.4 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

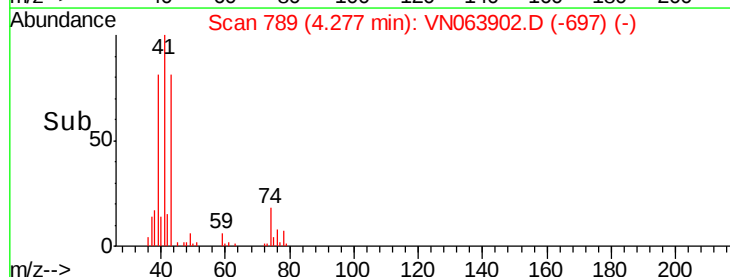
20000

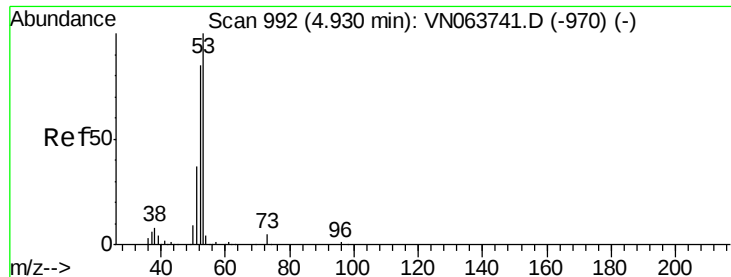
10000

0

Time-->

4.10 4.20 4.30 4.40





#15

Acrylonitrile

Concen: 92.934 ug/l

RT: 4.93 min Scan# 992

Delta R.T. 0.00 min

Lab File: VN063902.D

Acq: 6 Oct 2020 18:44

Instrument :

MSVOA_N

ClientSampleId :

VN1006WBS02

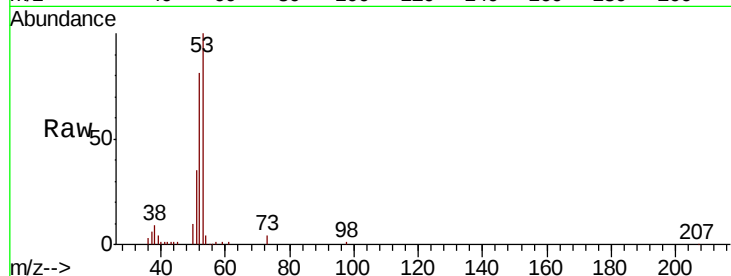
Tot Ion: 53 Resp: 128482

Ion Ratio Lower Upper

53 100

52 83.3 66.5 99.7

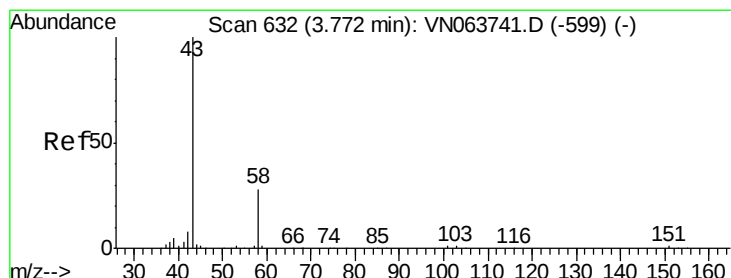
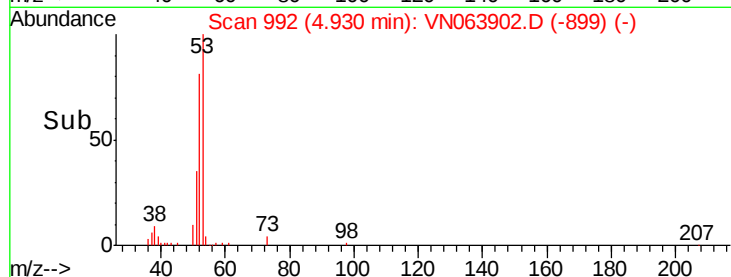
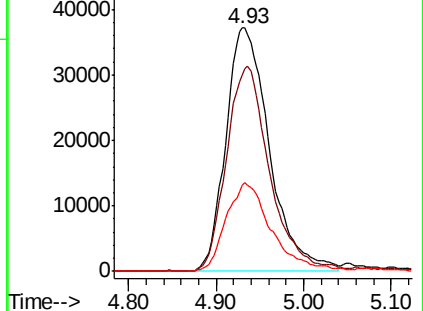
51 37.9 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VN063741.D (-970) (-)

Ion 52.00 (51.70 to 52.70): VN063741.D (-970) (-)

Ion 51.00 (50.70 to 51.70): VN063741.D (-970) (-)



#16

Acetone

Concen: 90.398 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN063902.D

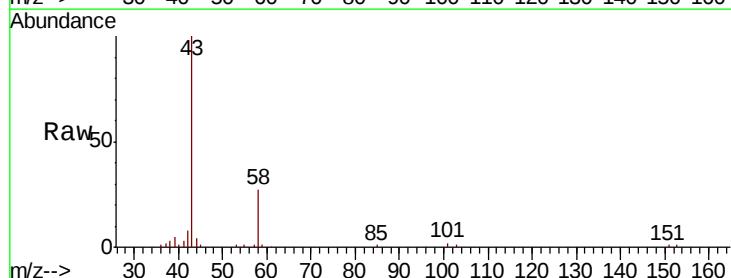
Acq: 6 Oct 2020 18:44

Tgt Ion: 43 Resp: 121737

Ion Ratio Lower Upper

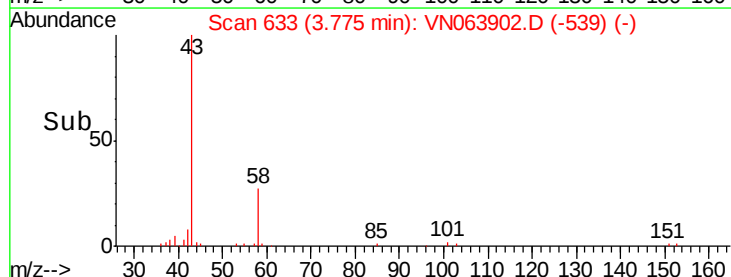
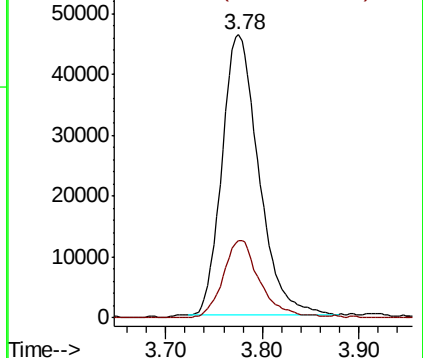
43 100

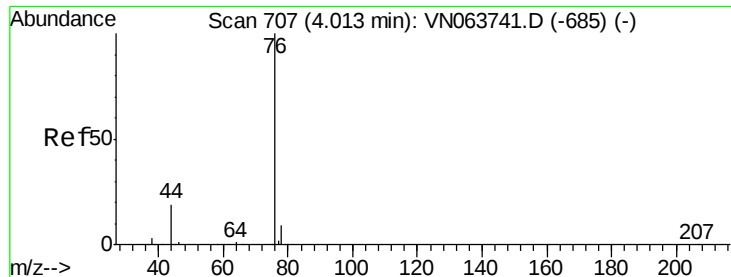
58 27.4 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN063741.D (-599) (-)

Ion 58.00 (57.70 to 58.70): VN063741.D (-599) (-)

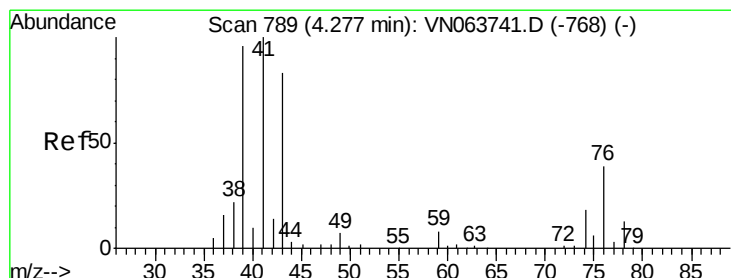
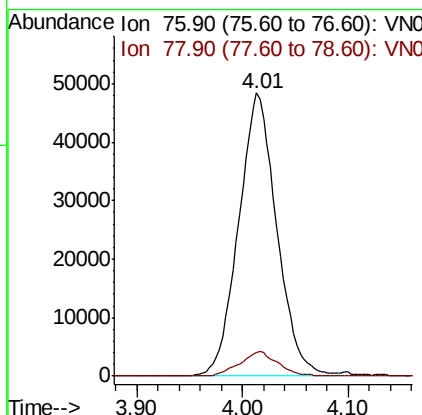
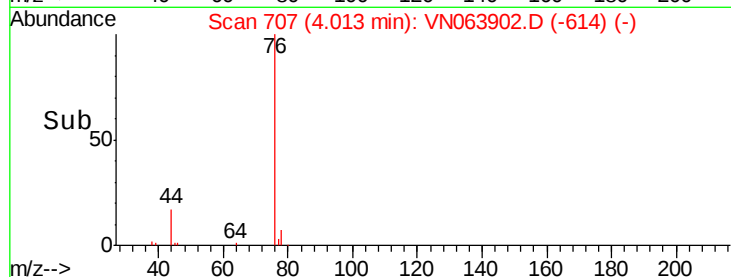
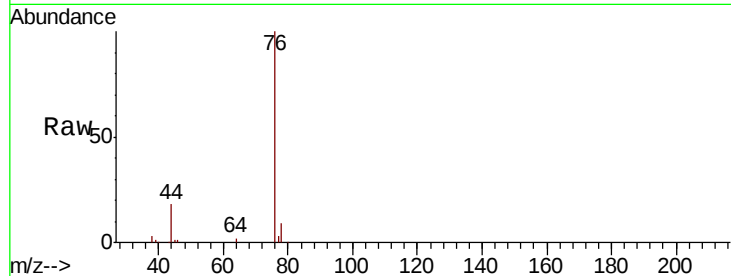




#17
Carbon Disulfide
Concen: 17.358 ug/l
RT: 4.01 min Scan# 707
Delta R.T. 0.00 min
Lab File: VN063902.D
Acq: 6 Oct 2020 18:44

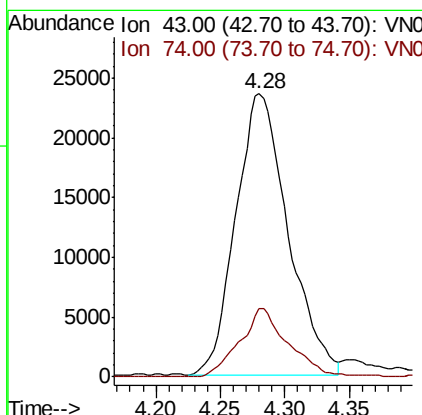
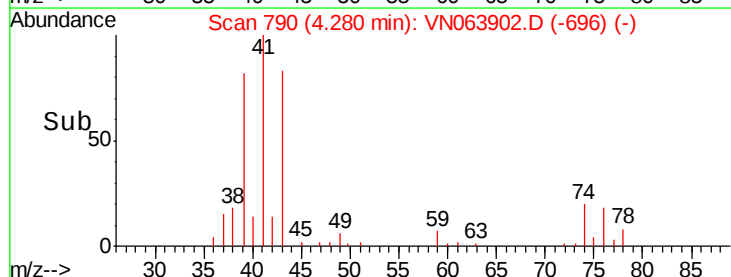
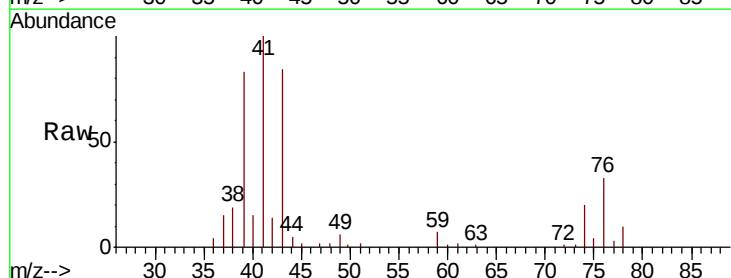
Instrument :
MSVOA_N
ClientSampleId :
VN1006WBS02

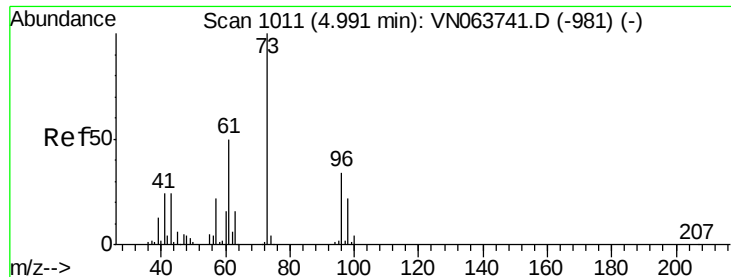
Tot Ion: 76 Resp: 121755
Ion Ratio Lower Upper
76 100
78 8.5 7.0 10.4



#18
Methyl Acetate
Concen: 19.021 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN063902.D
Acq: 6 Oct 2020 18:44

Tgt Ion: 43 Resp: 66506
Ion Ratio Lower Upper
43 100
74 22.7 17.4 26.2

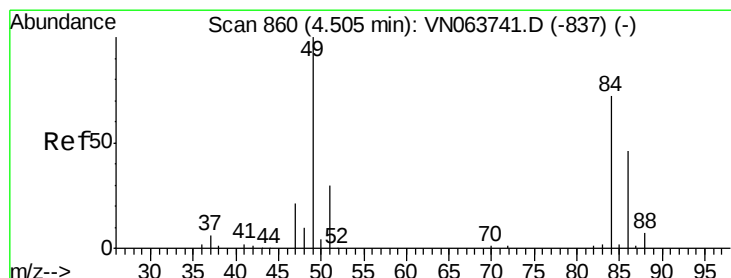
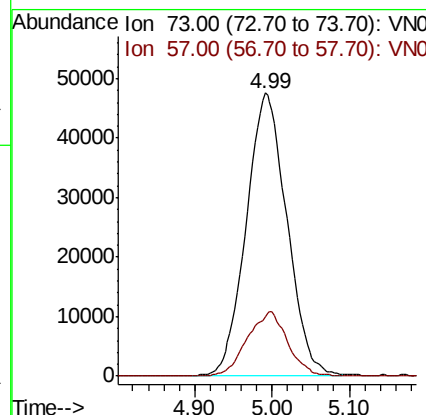
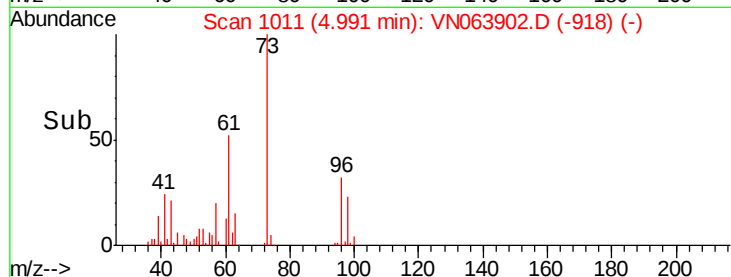
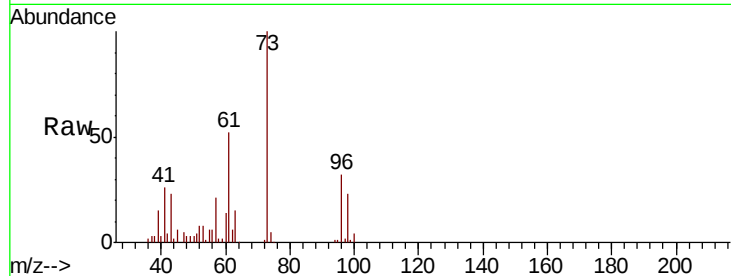




#19
Methyl tert-butyl Ether
Concen: 17.985 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063902.D
Acq: 6 Oct 2020 18:44

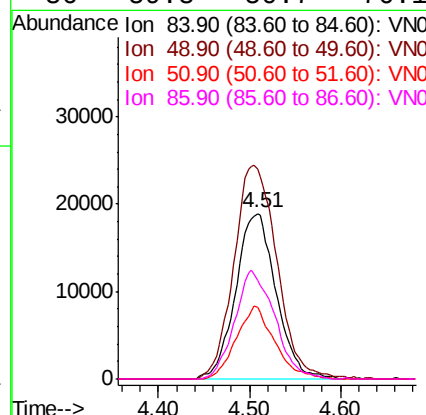
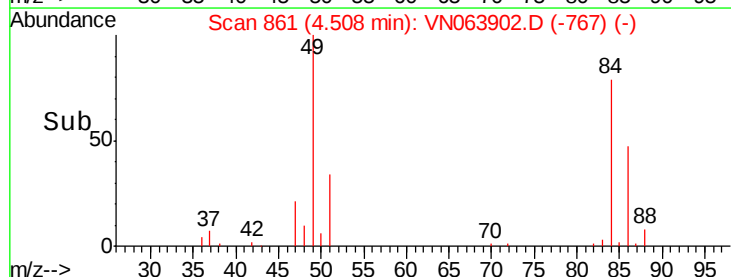
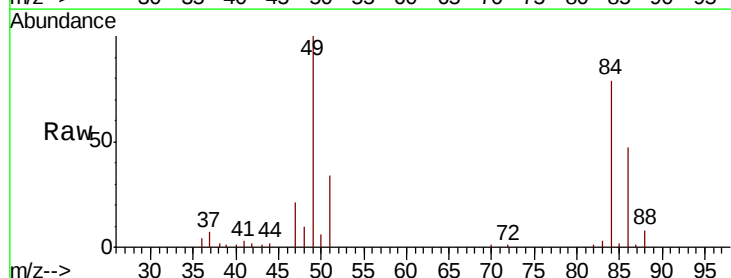
Instrument :
MSVOA_N
ClientSampleId :
VN1006WBS02

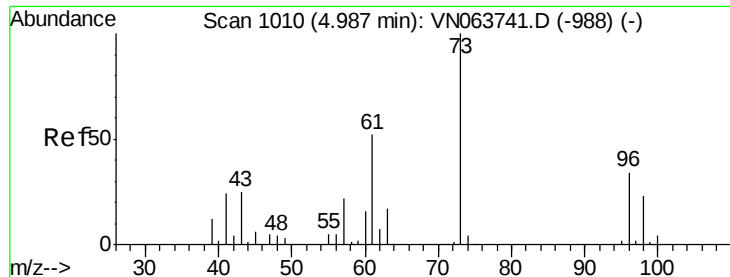
Tot Ion: 73 Resp: 174232
Ion Ratio Lower Upper
73 100
57 20.9 17.6 26.4



#20
Methylene Chloride
Concen: 18.996 ug/l
RT: 4.51 min Scan# 861
Delta R.T. 0.00 min
Lab File: VN063902.D
Acq: 6 Oct 2020 18:44

Tgt Ion: 84 Resp: 58405
Ion Ratio Lower Upper
84 100
49 127.0 110.4 165.6
51 43.0 33.3 49.9
86 59.8 50.7 76.1

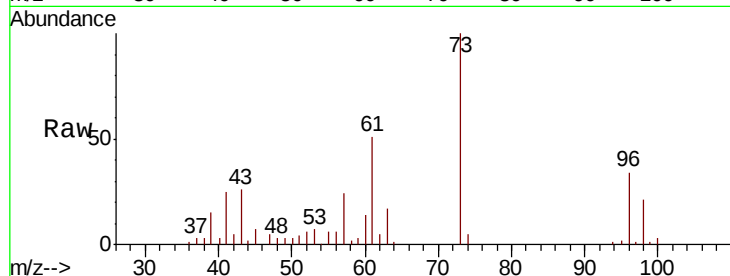




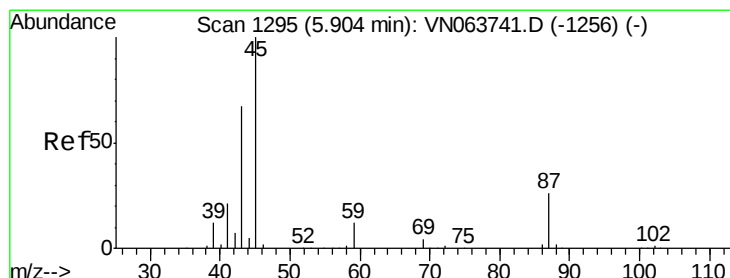
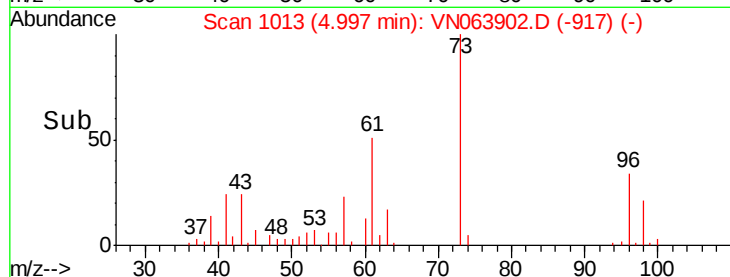
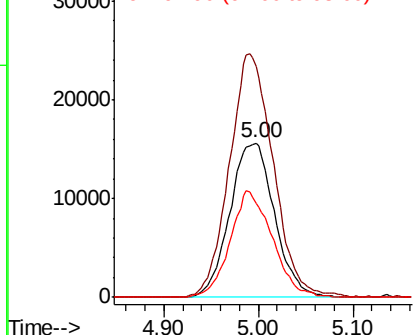
#21
trans-1,2-Dichloroethene
Concen: 17.168 ug/l
RT: 5.00 min Scan# 1013
Delta R.T. 0.01 min
Lab File: VN063902.D
Acq: 6 Oct 2020 18:44

Instrument :
MSVOA_N
ClientSampleId :
VN1006WBS02

Tot Ion: 96 Resp: 51277
Ion Ratio Lower Upper
96 100
61 148.3 120.2 180.2
98 61.0 52.6 79.0

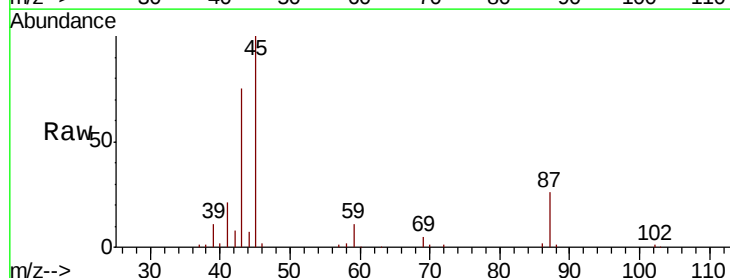


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

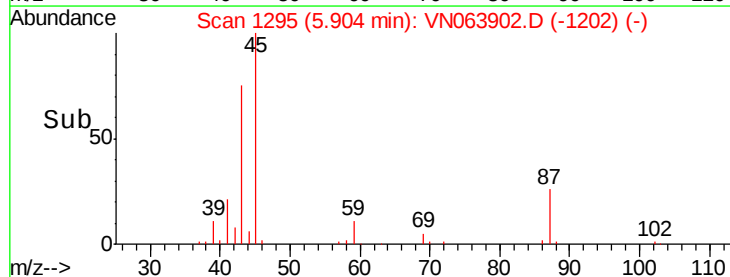
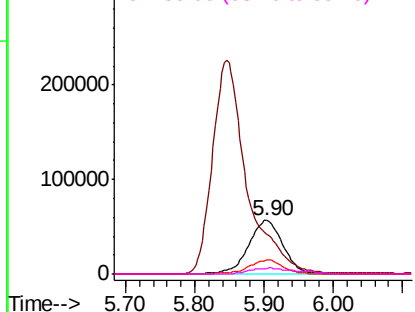


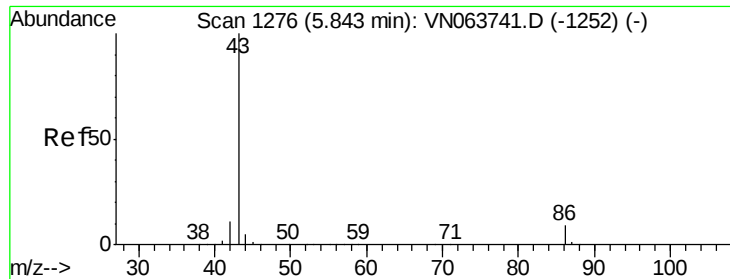
#22
Diisopropyl ether
Concen: 19.203 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VN063902.D
Acq: 6 Oct 2020 18:44

Tgt Ion: 45 Resp: 195723
Ion Ratio Lower Upper
45 100
43 72.0 53.7 80.5
87 25.9 21.1 31.7
59 10.8 9.2 13.8



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0

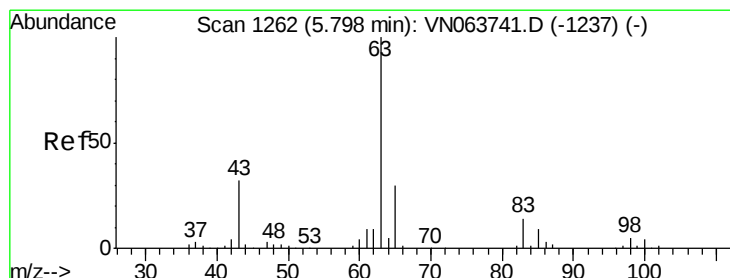
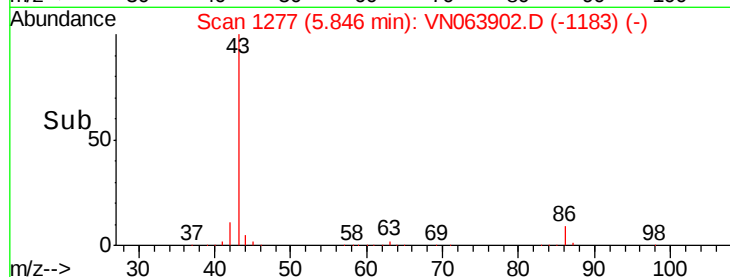
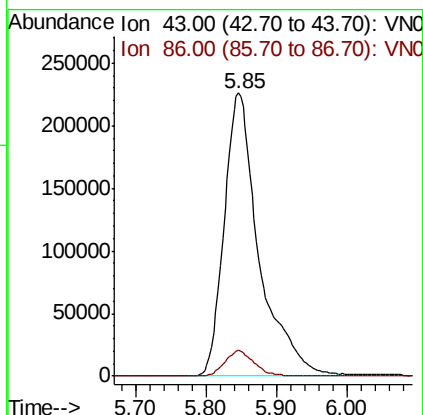
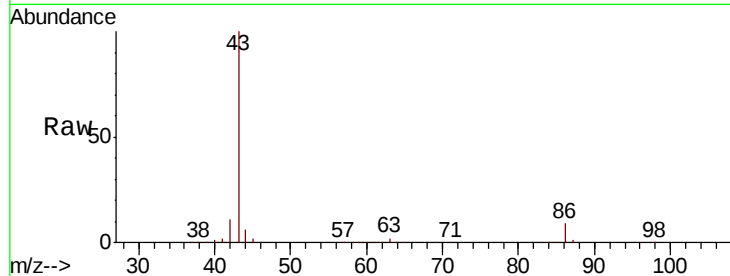




#23
 Vinyl Acetate
 Concen: 92.479 ug/l
 RT: 5.85 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VN063902.D
 Acq: 6 Oct 2020 18:44

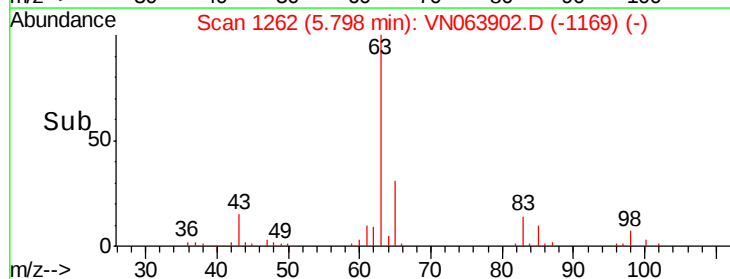
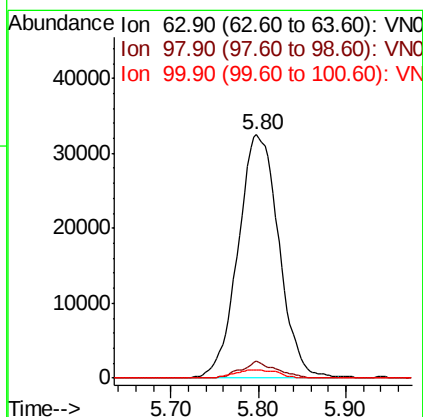
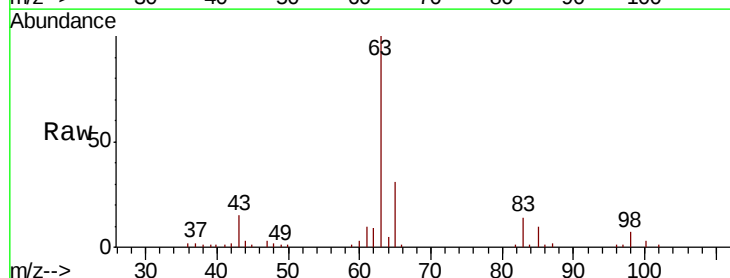
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1006WBS02

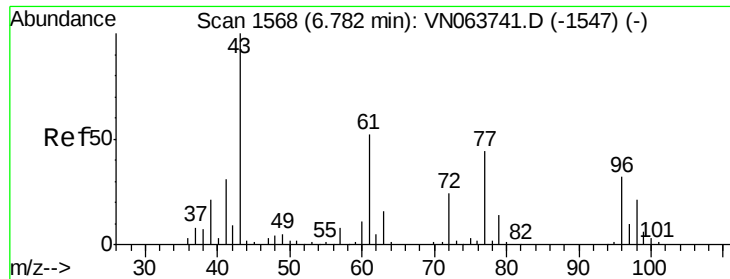
Tot Ion: 43 Resp: 780786
 Ion Ratio Lower Upper
 43 100
 86 9.1 7.3 10.9



#24
 1,1-Dichloroethane
 Concen: 18.016 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: VN063902.D
 Acq: 6 Oct 2020 18:44

Tgt Ion: 63 Resp: 104989
 Ion Ratio Lower Upper
 63 100
 98 6.8 2.7 8.1
 100 3.4 1.9 5.7

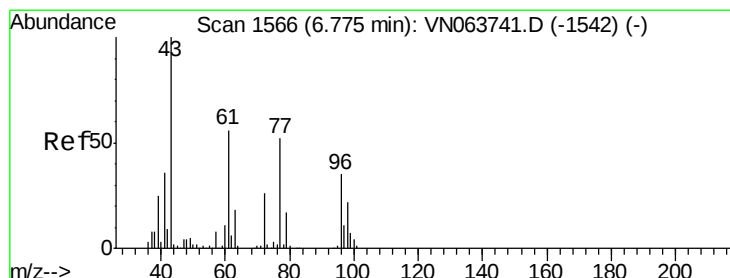
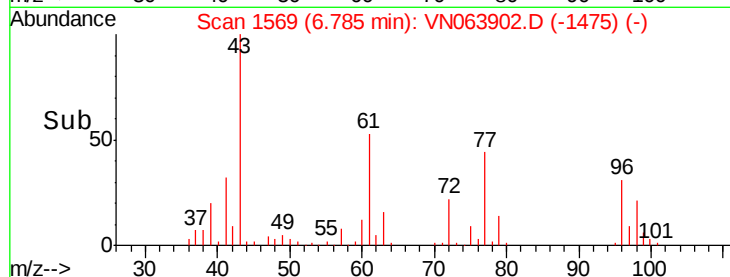
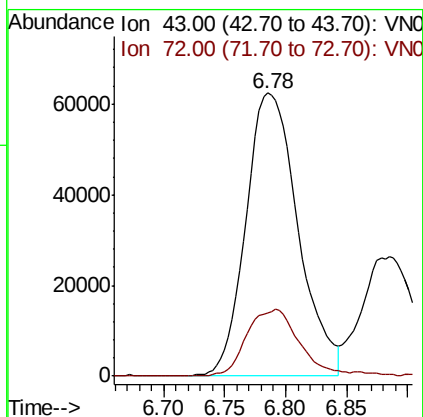
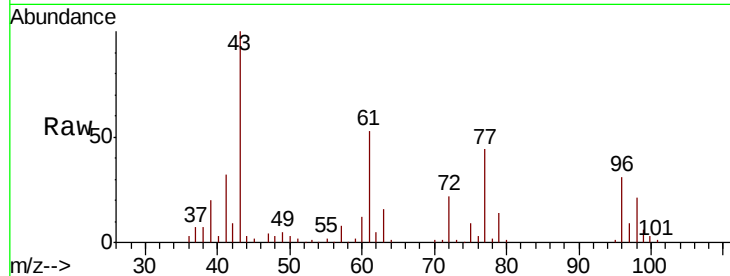




#25
2-Butanone
Concen: 96.215 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. 0.00 min
Lab File: VN063902.D
Acq: 6 Oct 2020 18:44

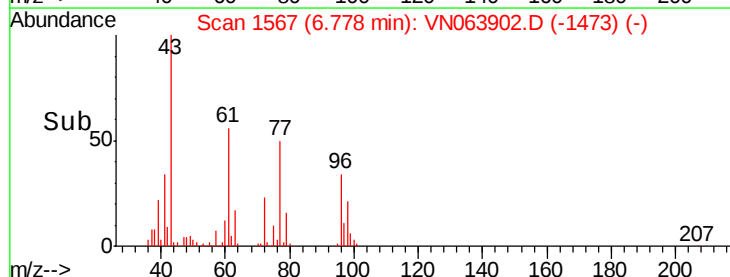
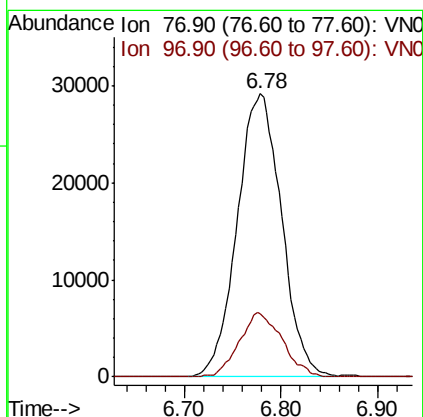
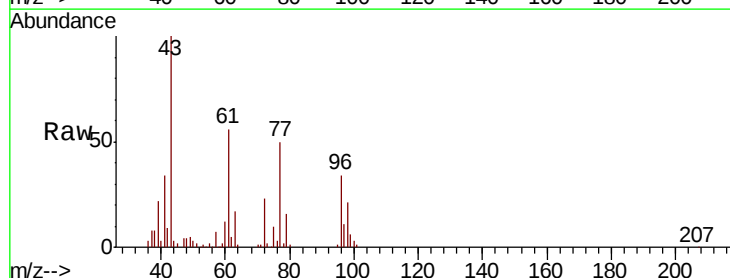
Instrument :
MSVOA_N
ClientSampled :
VN1006WBS02

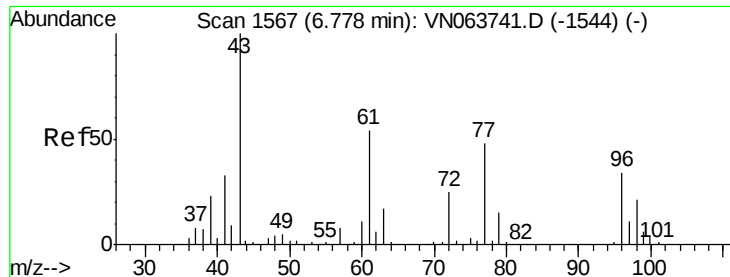
Tot Ion: 43 Resp: 183699
Ion Ratio Lower Upper
43 100
72 22.3 19.3 28.9



#26
2,2-Dichloropropane
Concen: 17.377 ug/l
RT: 6.78 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VN063902.D
Acq: 6 Oct 2020 18:44

Tgt Ion: 77 Resp: 92736
Ion Ratio Lower Upper
77 100
97 21.9 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 17.360 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN063902.D

Acq: 6 Oct 2020 18:44

Instrument :

MSVOA_N

ClientSampleId :

VN1006WBS02

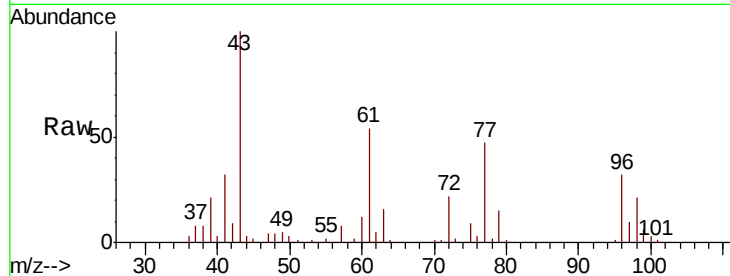
Tot Ion: 96 Resp: 59633

Ion Ratio Lower Upper

96 100

61 165.0 0.0 321.2

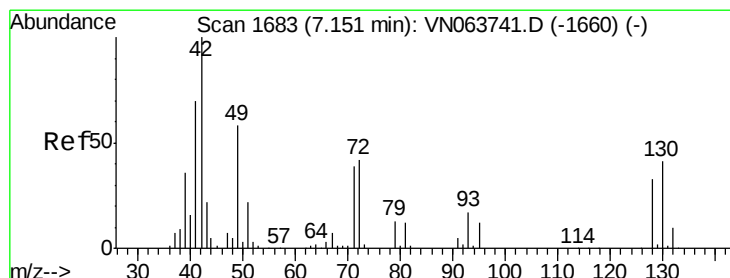
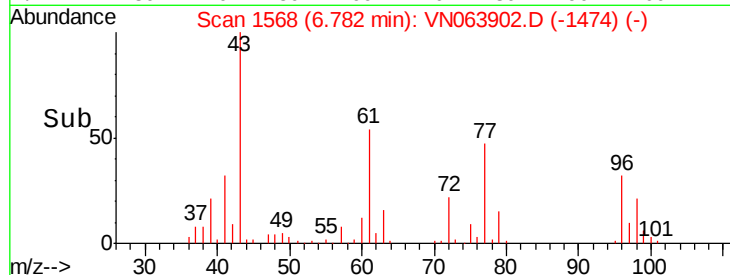
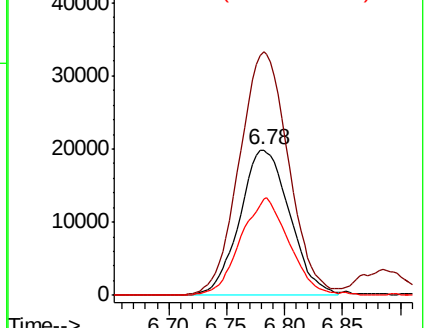
98 65.2 0.0 124.4



Abundance Ion 95.90 (95.60 to 96.60): VN063902.D (-1474) (-)

Ion 60.90 (60.60 to 61.60): VN063902.D (-1474) (-)

Ion 97.90 (97.60 to 98.60): VN063902.D (-1474) (-)



#28

Bromochloromethane

Concen: 17.764 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN063902.D

Acq: 6 Oct 2020 18:44

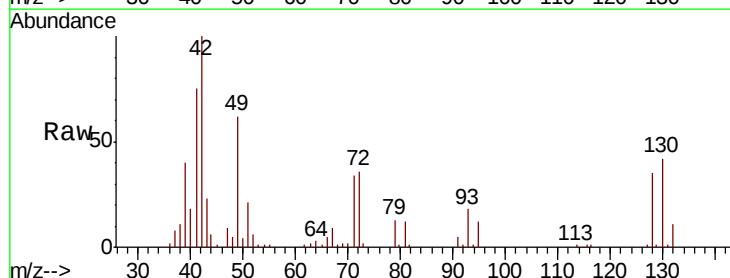
Tgt Ion: 49 Resp: 51166

Ion Ratio Lower Upper

49 100

129 0.4 0.0 4.8

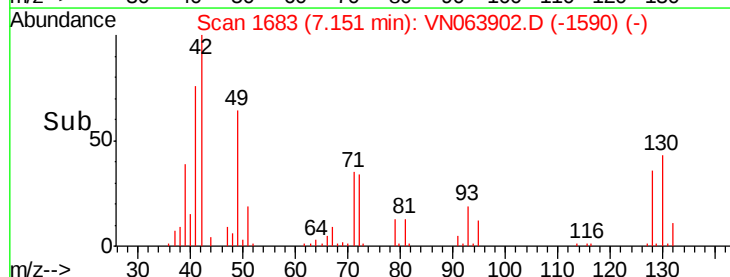
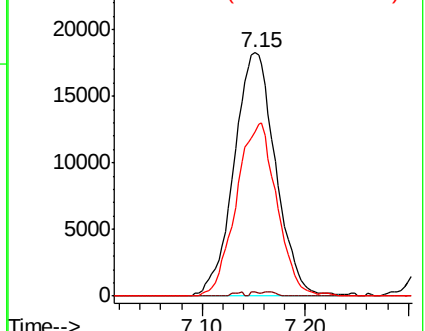
130 0.0 55.6 83.4#

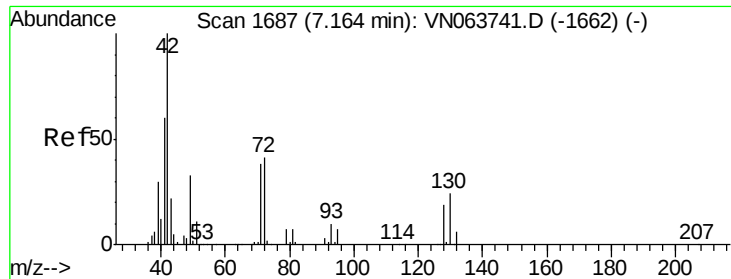


Abundance Ion 48.90 (48.60 to 49.60): VN063902.D (-1590) (-)

Ion 128.80 (128.50 to 129.50): VN063902.D (-1590) (-)

Ion 129.80 (129.50 to 130.50): VN063902.D (-1590) (-)

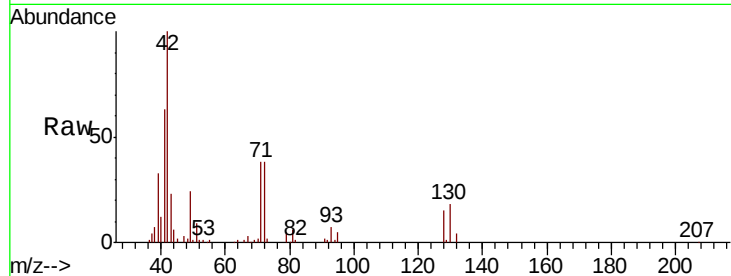




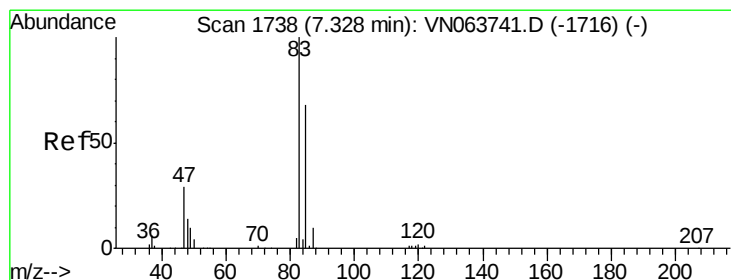
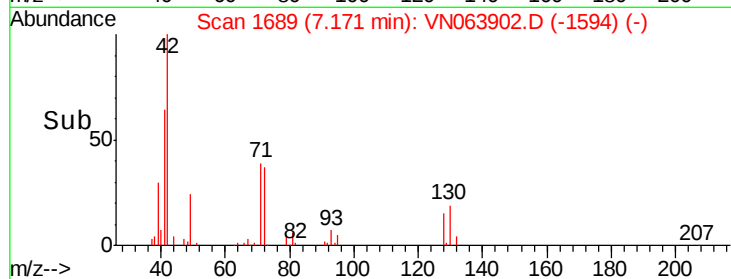
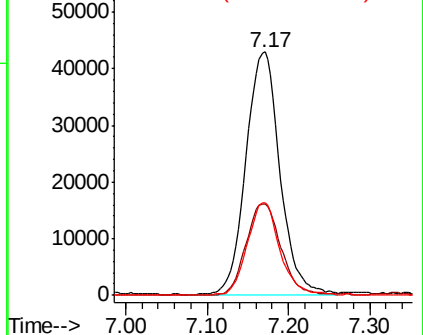
#29
Tetrahydrofuran
Concen: 97.171 ug/l
RT: 7.17 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VN063902.D
Acq: 6 Oct 2020 18:44

Instrument :
MSVOA_N
ClientSampleId :
VN1006WBS02

Tot Ion: 42 Resp: 124431
Ion Ratio Lower Upper
42 100
72 38.4 32.8 49.2
71 35.7 30.6 45.8

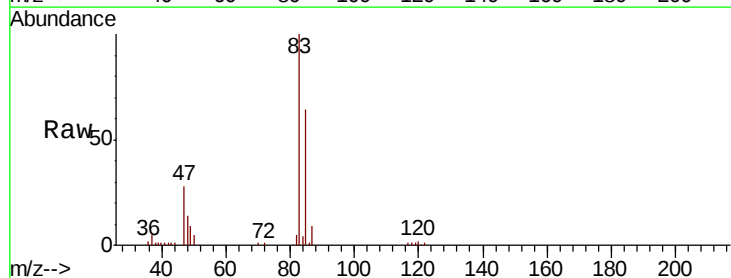


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

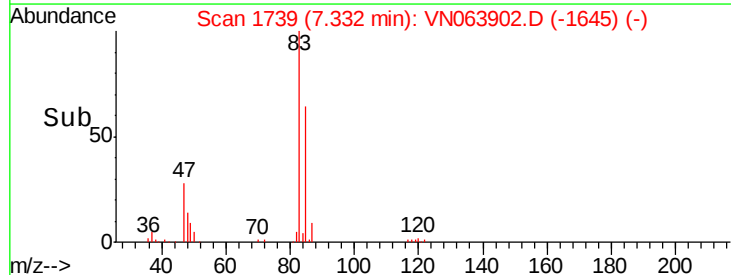
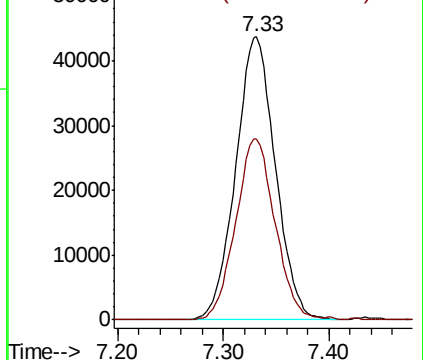


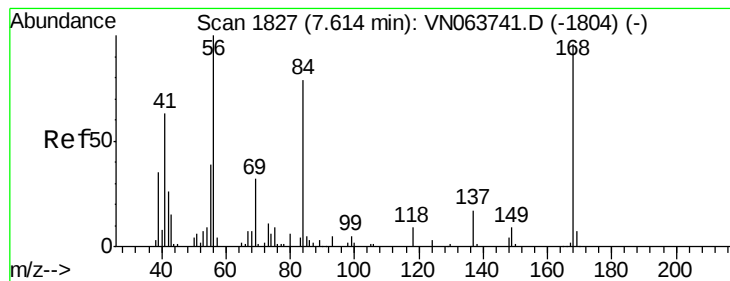
#30
Chloroform
Concen: 18.786 ug/l
RT: 7.33 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VN063902.D
Acq: 6 Oct 2020 18:44

Tgt Ion: 83 Resp: 114151
Ion Ratio Lower Upper
83 100
85 63.8 54.6 82.0



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 16.553 ug/l

RT: 7.62 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN063902.D

Acq: 6 Oct 2020 18:44

Instrument :
MSVOA_N
ClientSampleId :
VN1006WBS02

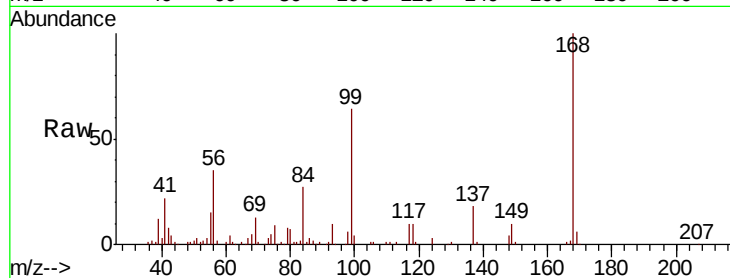
Tot Ion: 56 Resp: 84068

Ion Ratio Lower Upper

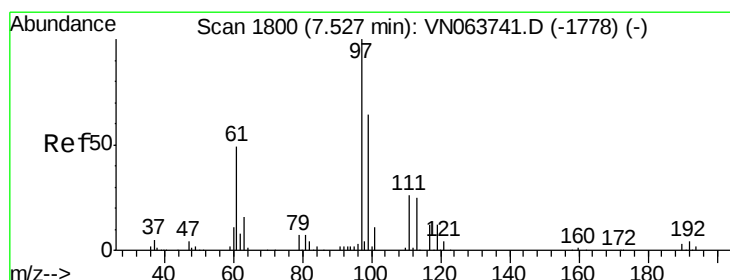
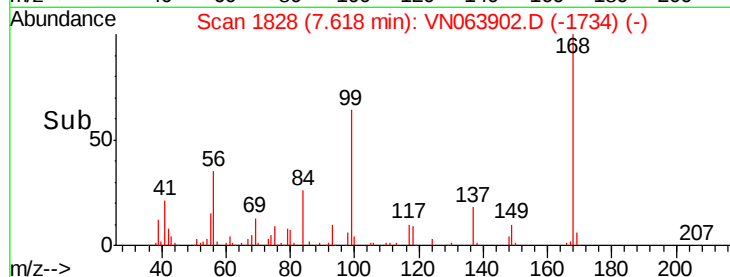
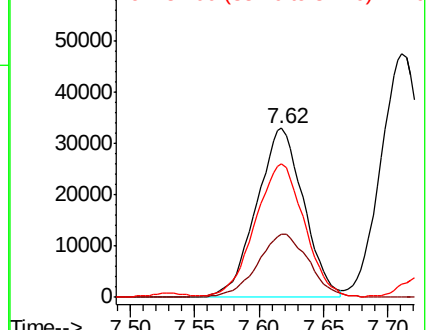
56 100

69 37.8 25.4 38.2

84 77.7 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: 18.323 ug/l

RT: 7.53 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN063902.D

Acq: 6 Oct 2020 18:44

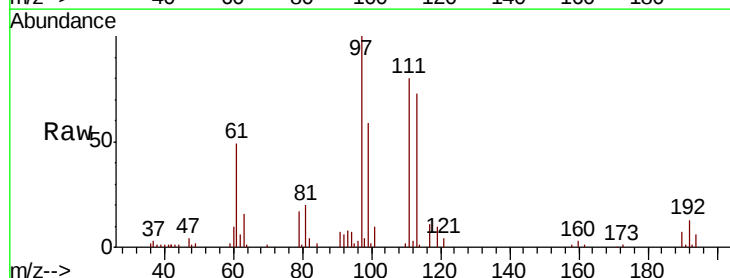
Tgt Ion: 97 Resp: 100425

Ion Ratio Lower Upper

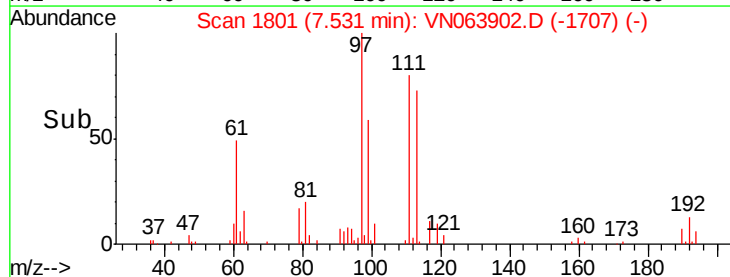
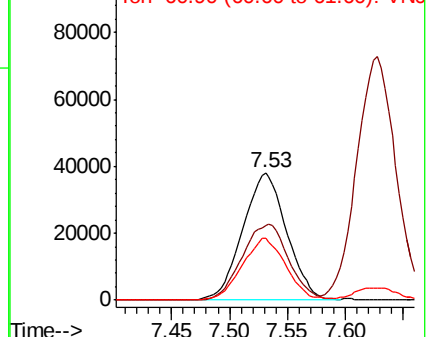
97 100

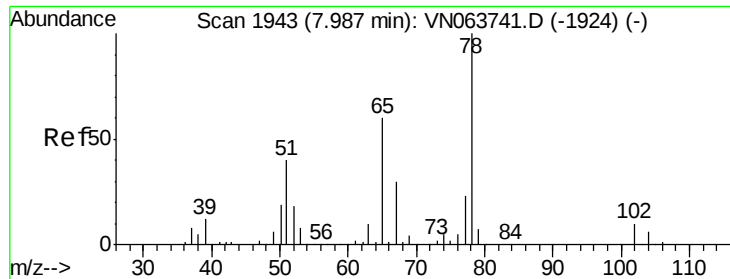
99 63.0 51.0 76.6

61 48.3 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

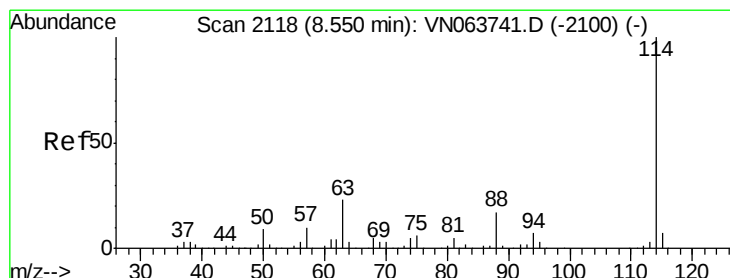
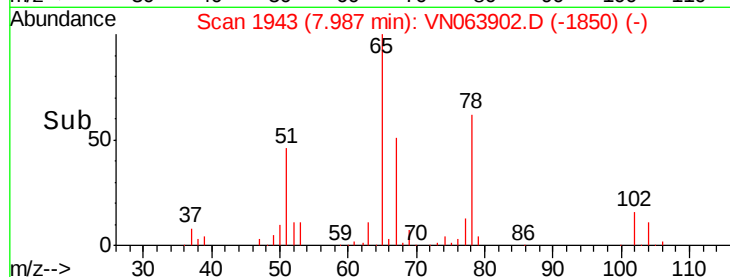
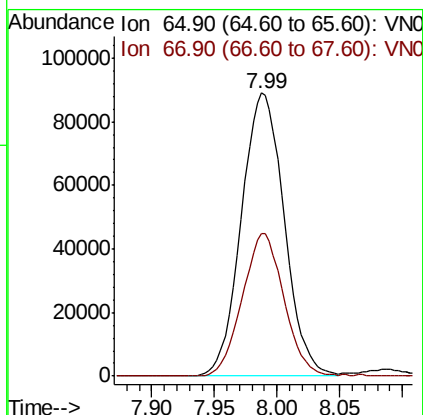
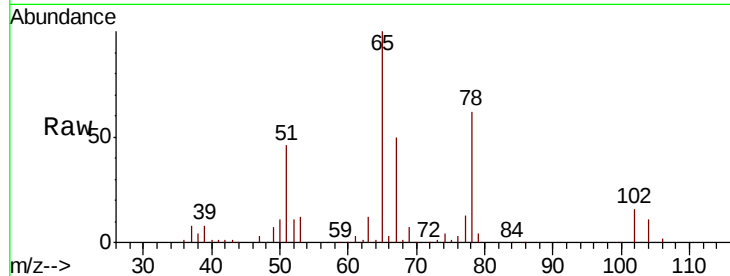




#33
 1,2-Dichloroethane-d4
 Concen: 48.434 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN063902.D
 Acq: 6 Oct 2020 18:44

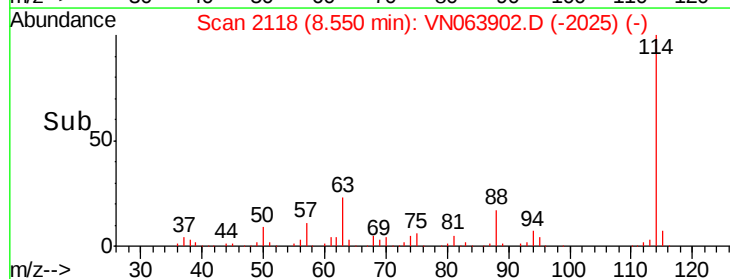
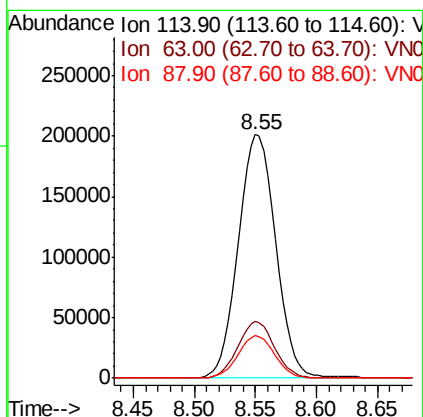
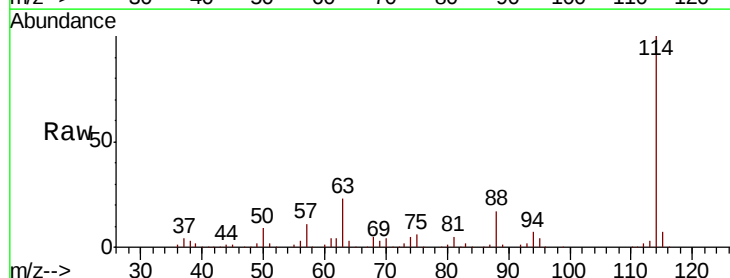
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1006WBS02

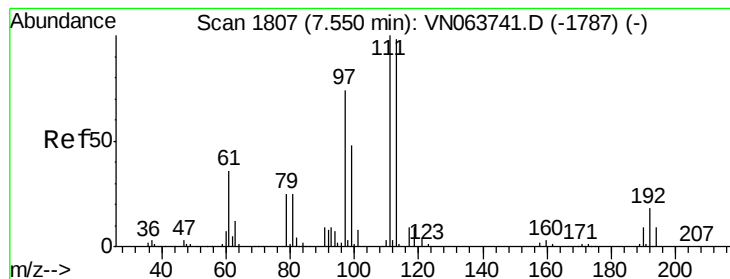
Tot Ion: 65 Resp: 211885
 Ion Ratio Lower Upper
 65 100
 67 49.1 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063902.D
 Acq: 6 Oct 2020 18:44

Tgt Ion: 114 Resp: 426474
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 45.0
 88 17.3 0.0 34.0





#35

Dibromofluoromethane

Concen: 49.349 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN063902.D

Acq: 6 Oct 2020 18:44

Instrument :

MSVOA_N

ClientSampleId :

VN1006WBS02

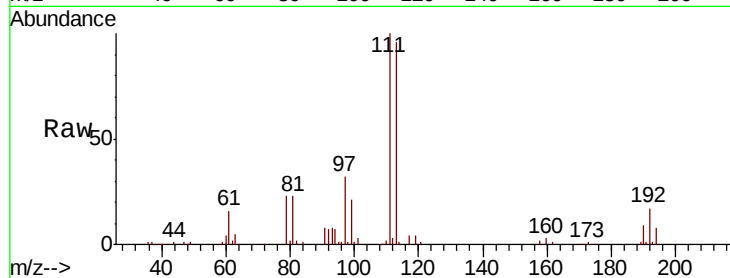
Tot Ion:113 Resp: 146035

Ion Ratio Lower Upper

113 100

111 103.1 81.8 122.8

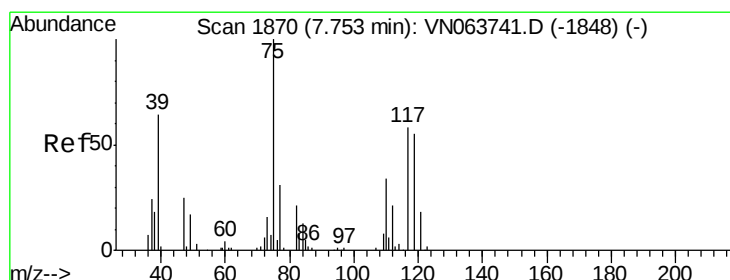
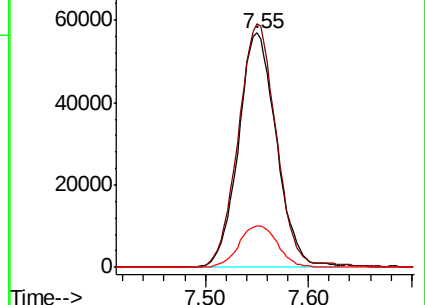
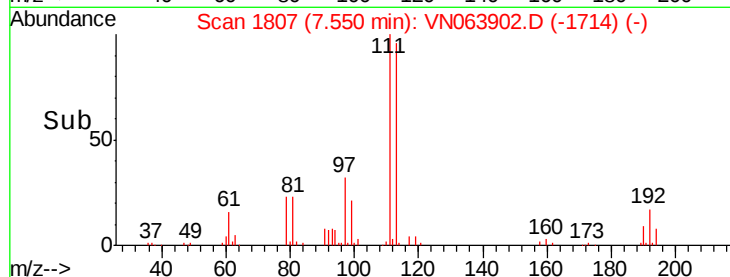
192 18.1 14.2 21.2



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: 17.364 ug/l

RT: 7.75 min Scan# 1870

Delta R.T. 0.00 min

Lab File: VN063902.D

Acq: 6 Oct 2020 18:44

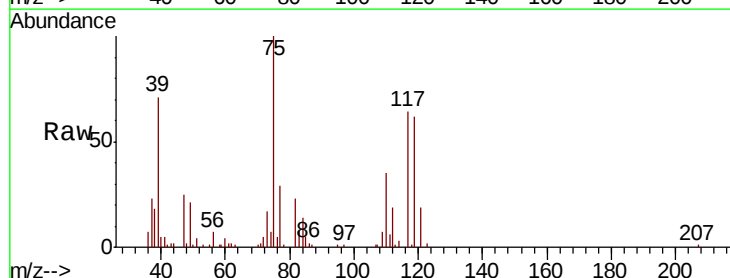
Tgt Ion: 75 Resp: 75024

Ion Ratio Lower Upper

75 100

110 33.8 16.9 50.6

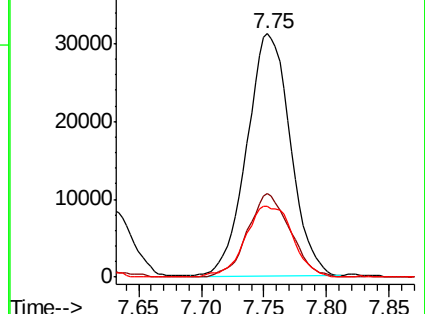
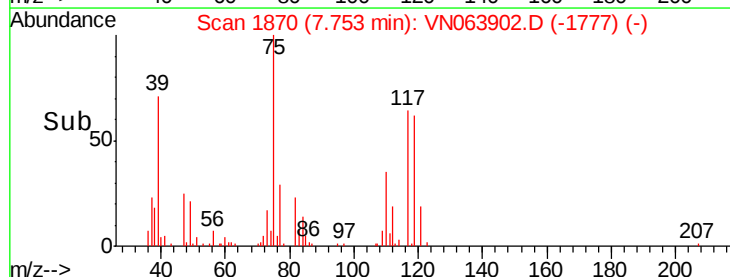
77 32.0 24.5 36.7

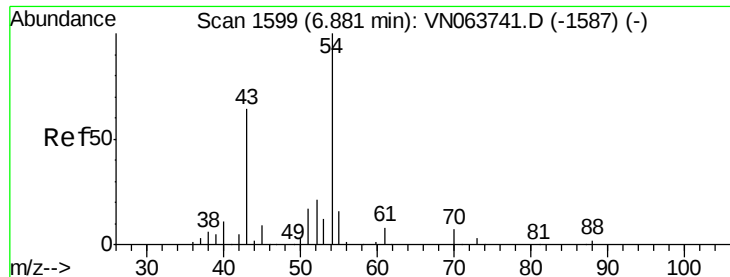


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

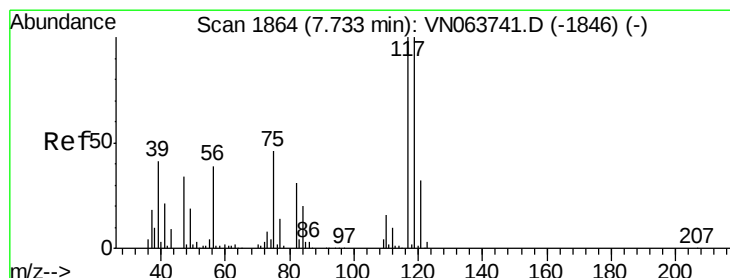
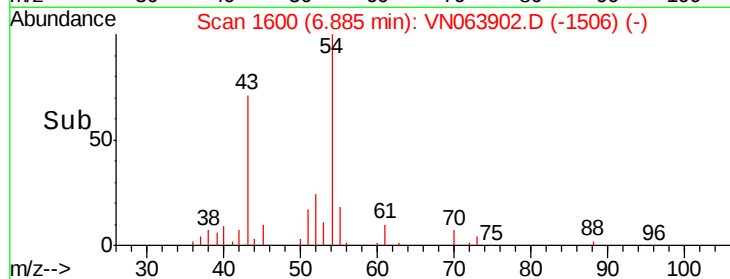
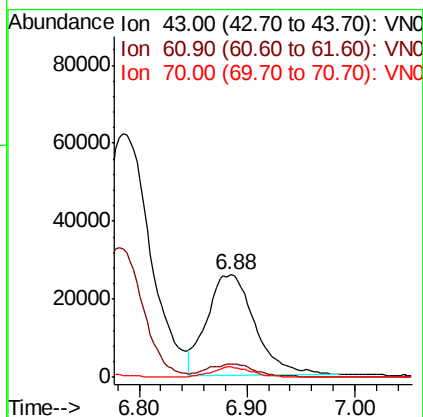
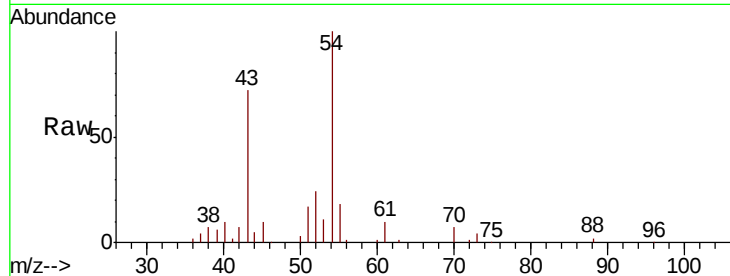




#37
Ethyl Acetate
Concen: 18.673 ug/l
RT: 6.88 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VN063902.D
Acq: 6 Oct 2020 18:44

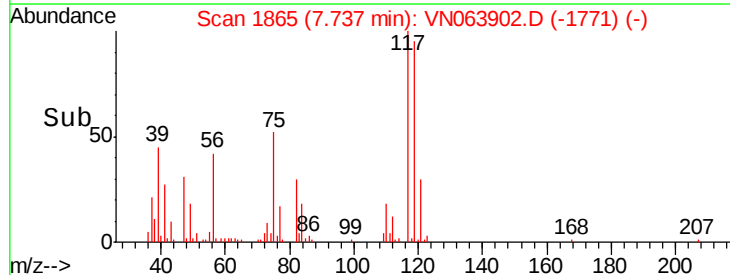
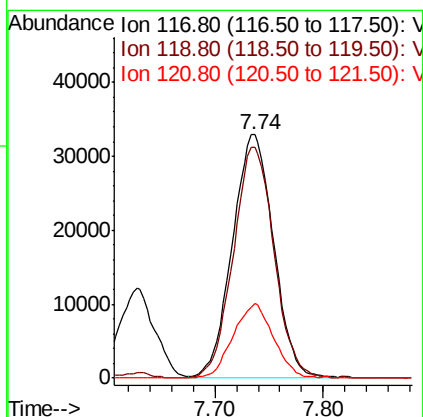
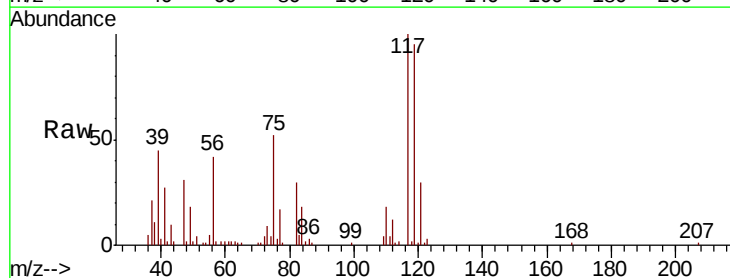
Instrument :
MSVOA_N
ClientSampleId :
VN1006WBS02

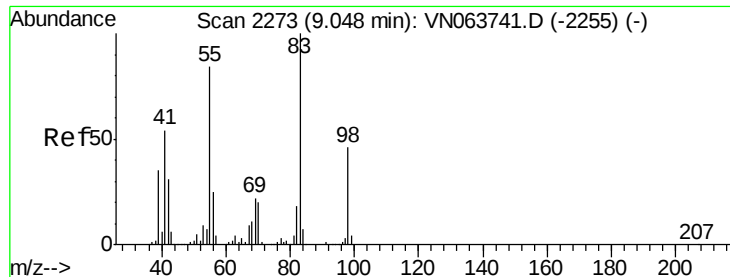
Tot Ion: 43 Resp: 80155
Ion Ratio Lower Upper
43 100
61 11.4 10.4 15.6
70 8.5 7.3 10.9



#38
Carbon Tetrachloride
Concen: 18.115 ug/l
RT: 7.74 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN063902.D
Acq: 6 Oct 2020 18:44

Tgt Ion: 117 Resp: 87766
Ion Ratio Lower Upper
117 100
119 94.9 80.1 120.1
121 30.5 25.7 38.5

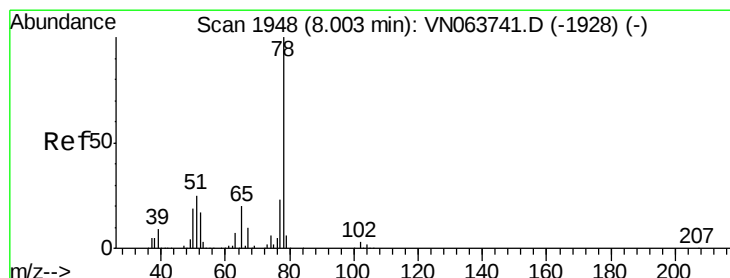
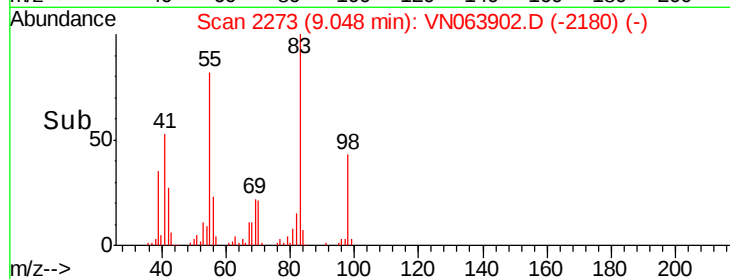
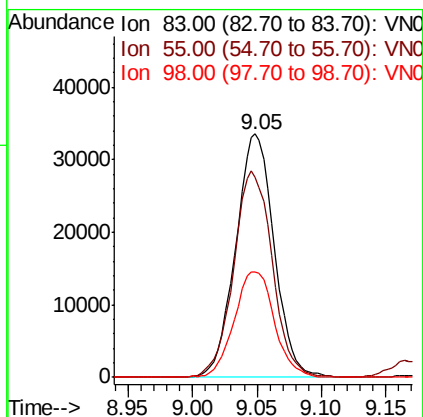
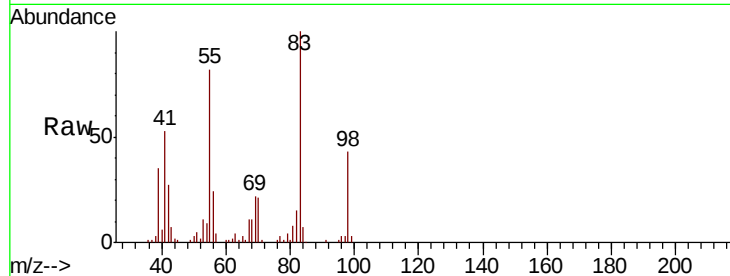




#39
Methvlcvclohexane
Concen: 16.135 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063902.D
Acq: 6 Oct 2020 18:44

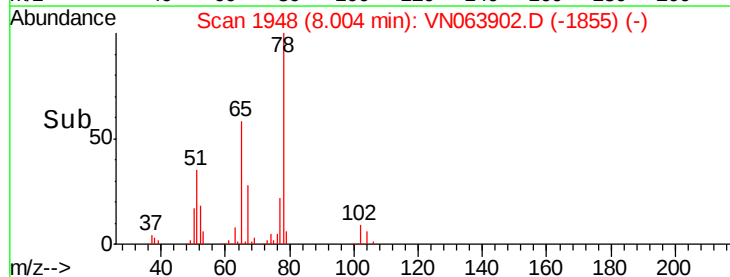
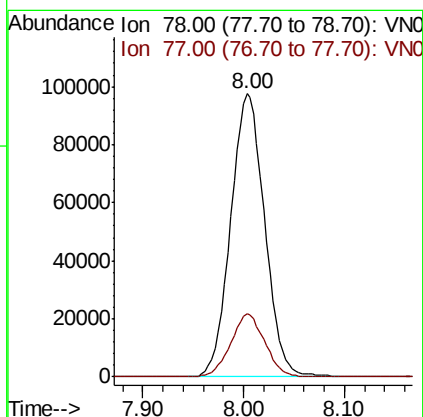
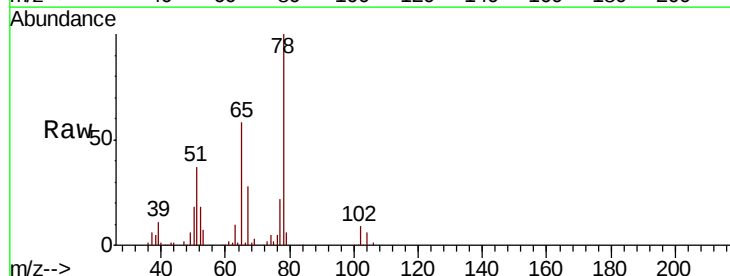
Instrument :
MSVOA_N
ClientSampleId :
VN1006WBS02

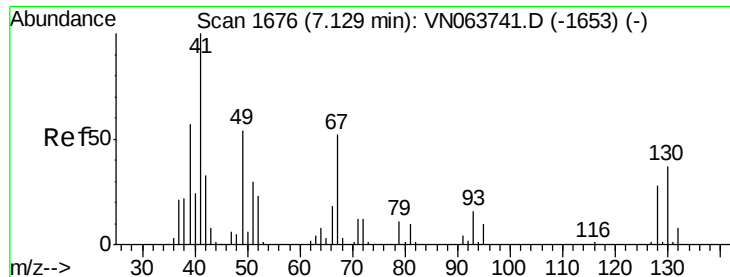
Tot Ion: 83 Resp: 69520
Ion Ratio Lower Upper
83 100
55 82.3 67.1 100.7
98 43.2 36.6 54.8



#40
Benzene
Concen: 18.489 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063902.D
Acq: 6 Oct 2020 18:44

Tgt Ion: 78 Resp: 228168
Ion Ratio Lower Upper
78 100
77 22.3 18.7 28.1

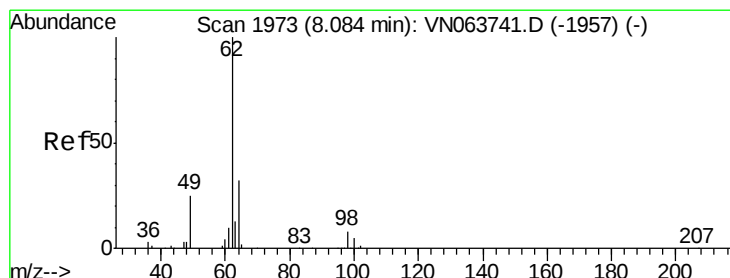
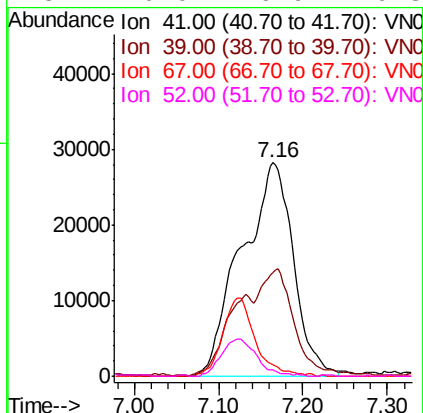
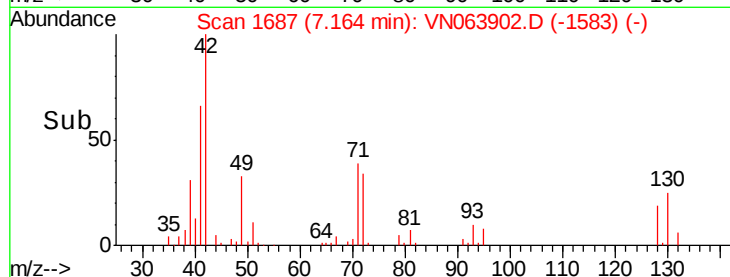
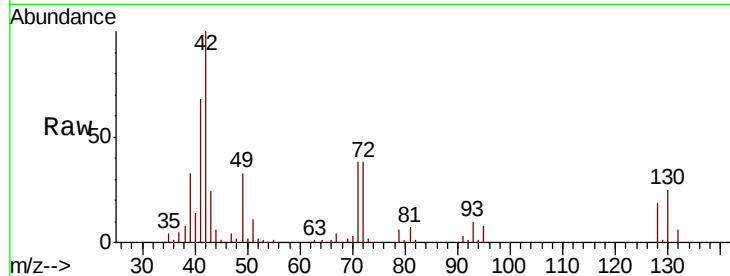




#41
Methacrylonitrile
Concen: 63.168 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. 0.04 min
Lab File: VN063902.D
Acq: 6 Oct 2020 18:44

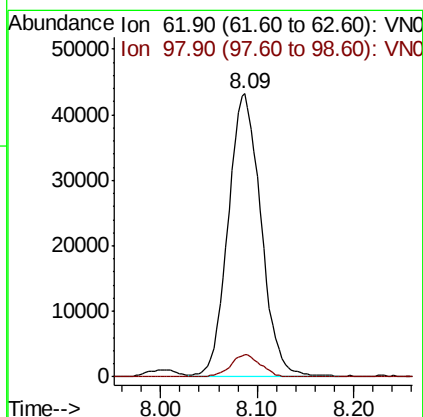
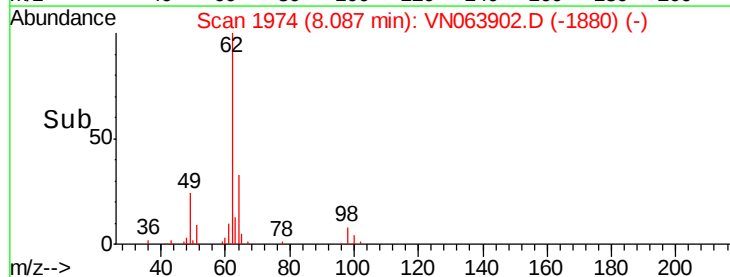
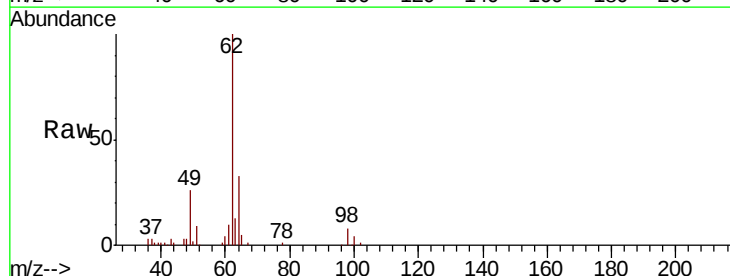
Instrument :
MSVOA_N
ClientSampled :
VN1006WBS02

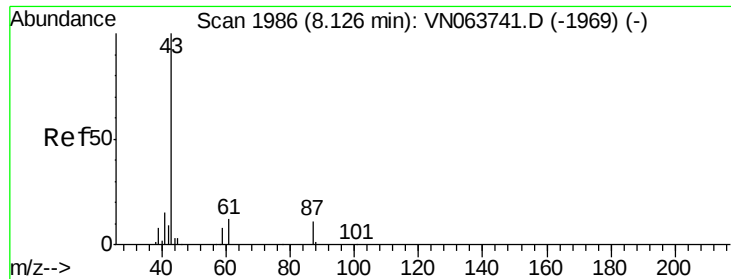
Tot Ion: 41 Resp: 120511
Ion Ratio Lower Upper
41 100
39 0.0 42.5 63.7#
67 0.0 57.4 86.2#
52 0.0 26.9 40.3#



#42
1,2-Dichloroethane
Concen: 19.401 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN063902.D
Acq: 6 Oct 2020 18:44

Tgt Ion: 62 Resp: 102199
Ion Ratio Lower Upper
62 100
98 7.2 0.0 15.0



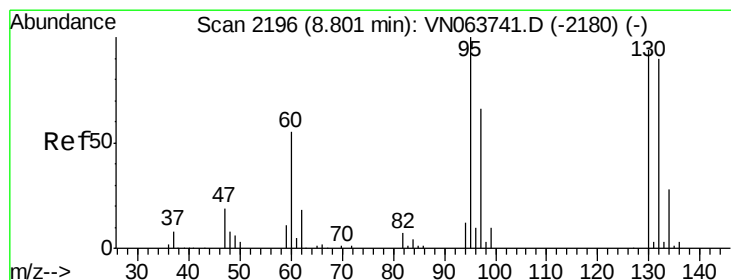
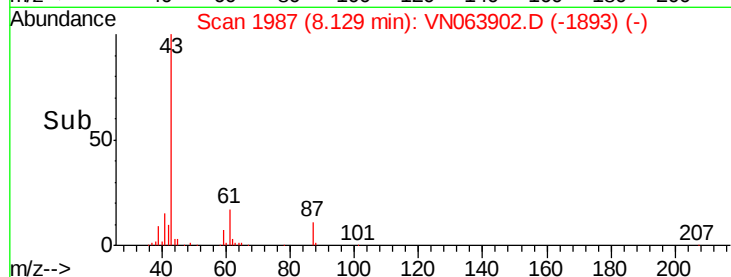
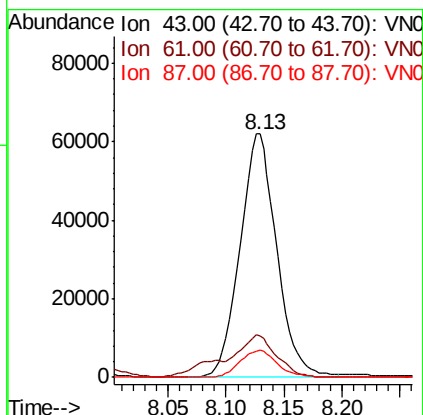
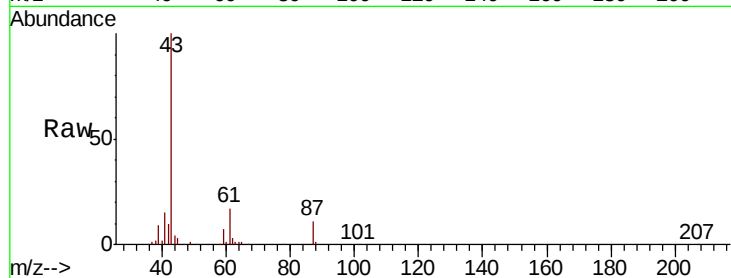


#43

Isopropyl Acetate
 Concen: 19.079 ug/l
 RT: 8.13 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: VN063902.D
 Acq: 6 Oct 2020 18:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1006WBS02

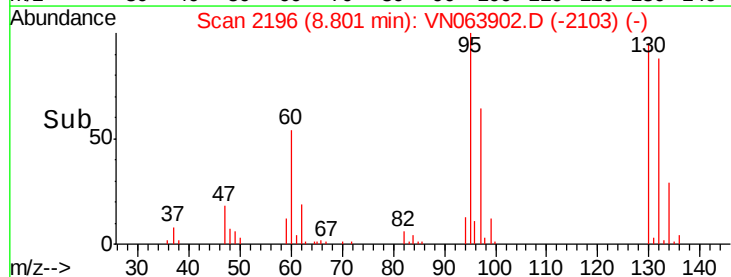
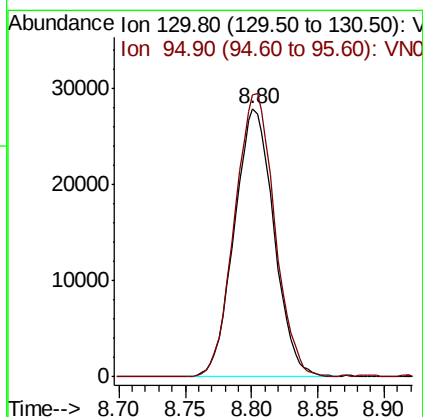
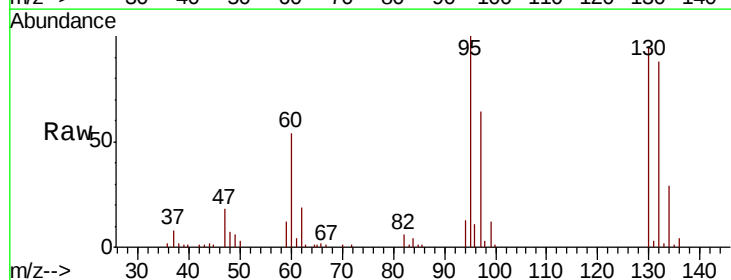
Tot Ion: 43 Resp: 135085
 Ion Ratio Lower Upper
 43 100
 61 17.8 14.2 21.4
 87 11.4 9.0 13.6

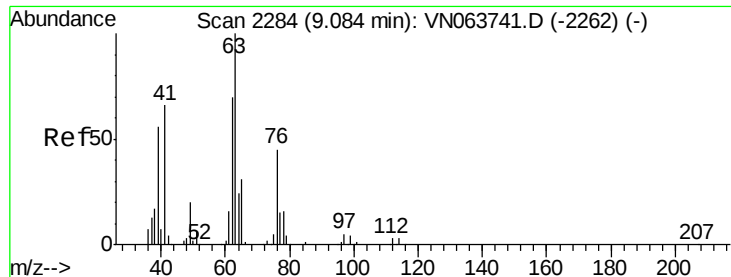


#44

Trichloroethene
 Concen: 17.862 ug/l
 RT: 8.80 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: VN063902.D
 Acq: 6 Oct 2020 18:44

Tgt Ion: 130 Resp: 57756
 Ion Ratio Lower Upper
 130 100
 95 105.3 0.0 213.6





#45

1,2-Dichloropropane

Concen: 18.321 ug/l

RT: 9.09 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN063902.D

Acq: 6 Oct 2020 18:44

Instrument :

MSVOA_N

ClientSampleId :

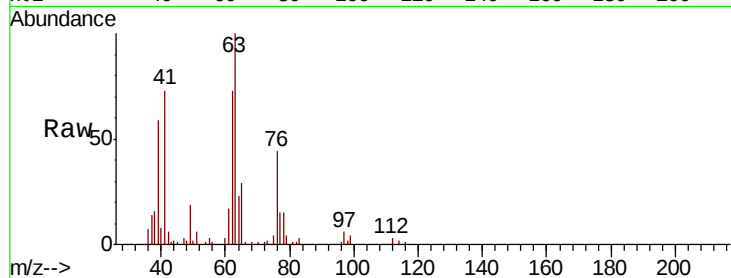
VN1006WBS02

Tot Ion: 63 Resp: 61061

Ion Ratio Lower Upper

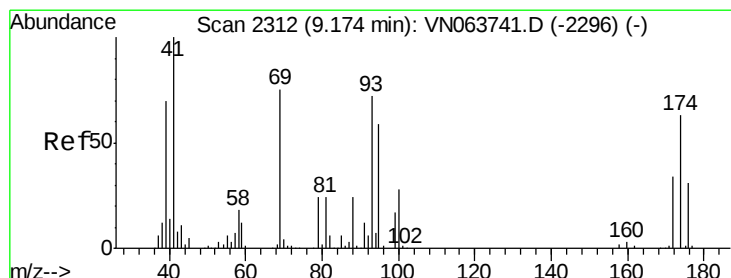
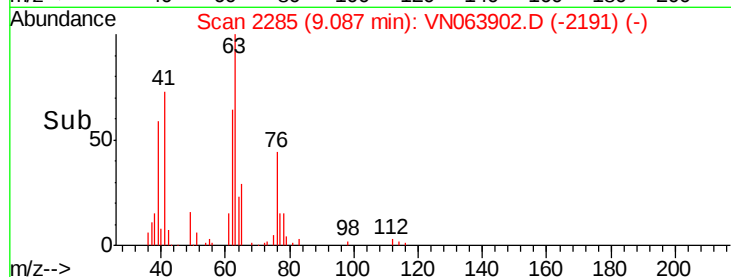
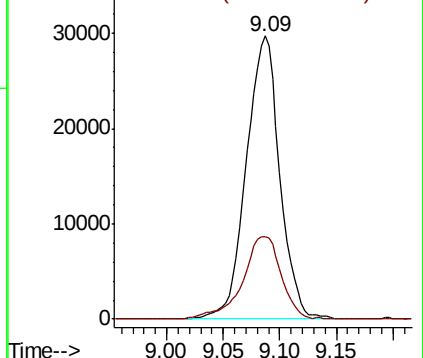
63 100

65 29.2 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VN063902.D (-2262) (-)

Ion 64.90 (64.60 to 65.60): VN063902.D (-2262) (-)



#46

Dibromomethane

Concen: 18.235 ug/l

RT: 9.18 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN063902.D

Acq: 6 Oct 2020 18:44

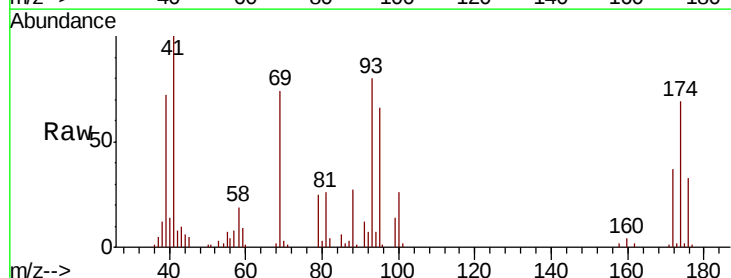
Tgt Ion: 93 Resp: 41925

Ion Ratio Lower Upper

93 100

95 84.5 66.3 99.5

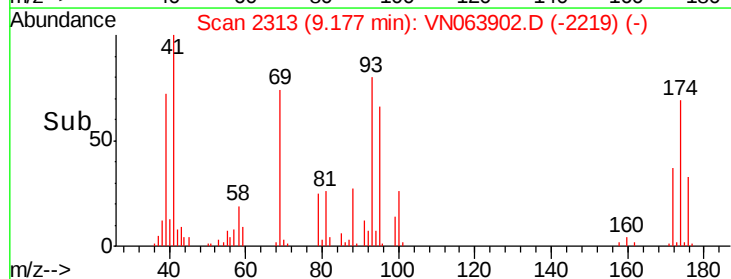
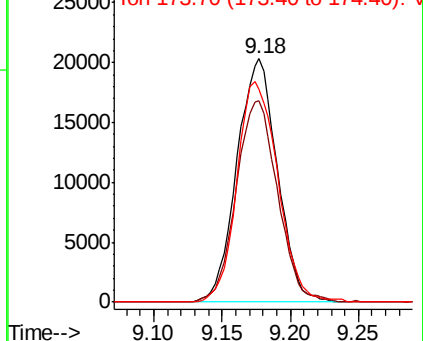
174 91.7 72.7 109.1

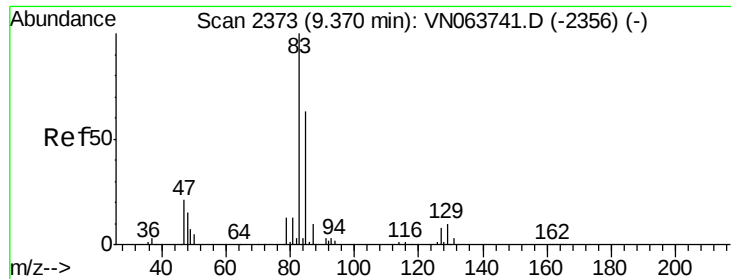


Abundance Ion 92.80 (92.50 to 93.50): VN063902.D (-2296) (-)

Ion 94.80 (94.50 to 95.50): VN063902.D (-2296) (-)

Ion 173.70 (173.40 to 174.40): VN063902.D (-2296) (-)

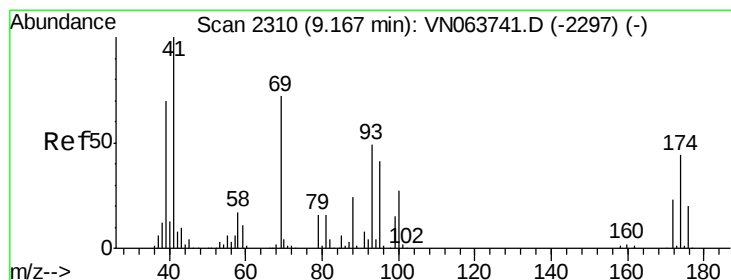
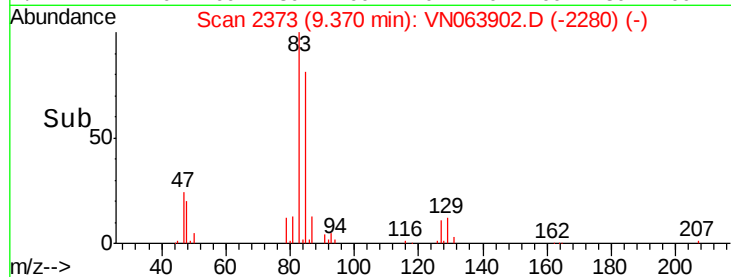
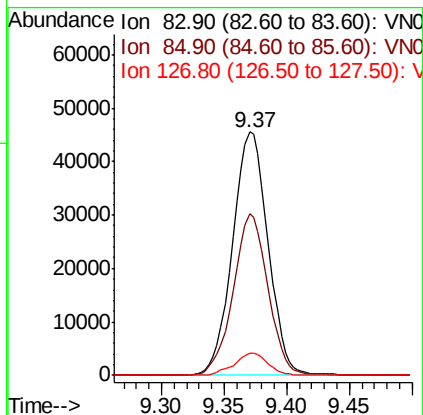
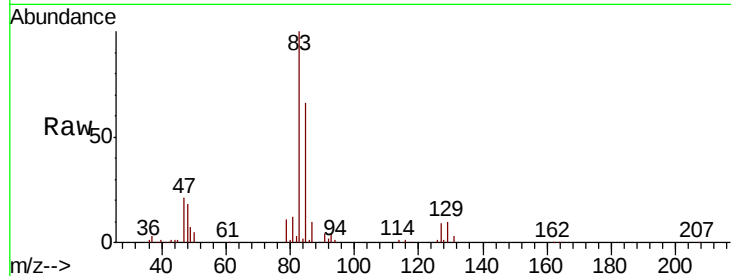




#47
Bromodichloromethane
Concen: 18.857 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN063902.D
Acq: 6 Oct 2020 18:44

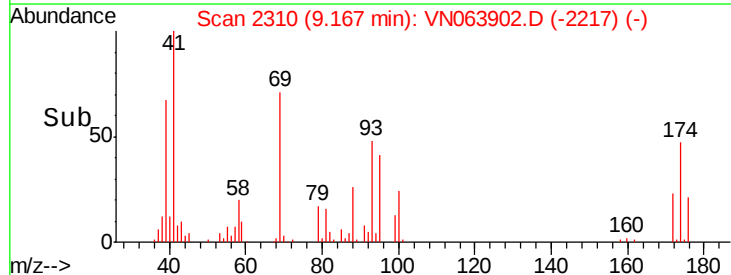
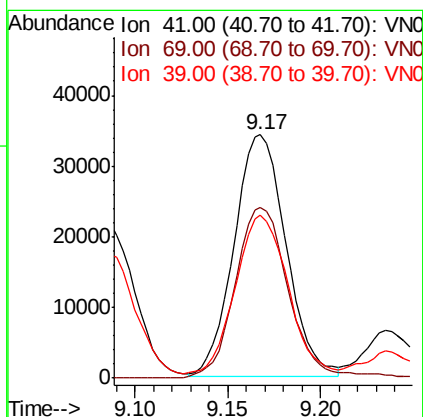
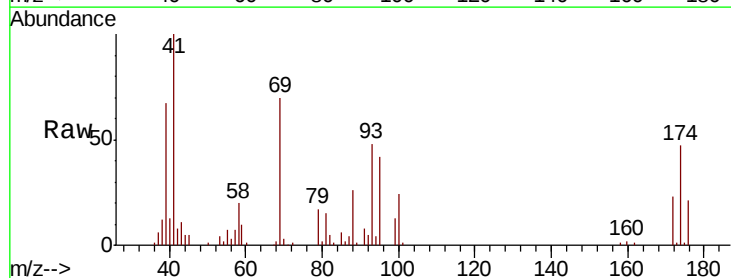
Instrument :
MSVOA_N
ClientSampleId :
VN1006WBS02

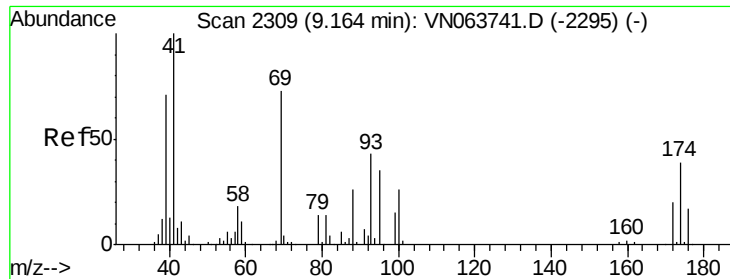
Tot Ion: 83 Resp: 89352
Ion Ratio Lower Upper
83 100
85 66.3 50.6 75.8
127 9.0 6.6 9.8



#48
Methyl methacrylate
Concen: 19.140 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN063902.D
Acq: 6 Oct 2020 18:44

Tgt Ion: 41 Resp: 66954
Ion Ratio Lower Upper
41 100
69 73.0 60.9 91.3
39 69.0 57.5 86.3





#49

1,4-Dioxane

Concen: 371.364 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN063902.D

Acq: 6 Oct 2020 18:44

Instrument :

MSVOA_N

ClientSampleId :

VN1006WBS02

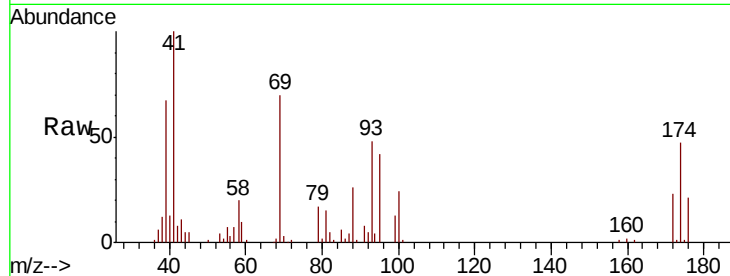
Tot Ion: 88 Resp: 18463

Ion Ratio Lower Upper

88 100

43 39.7 33.1 49.7

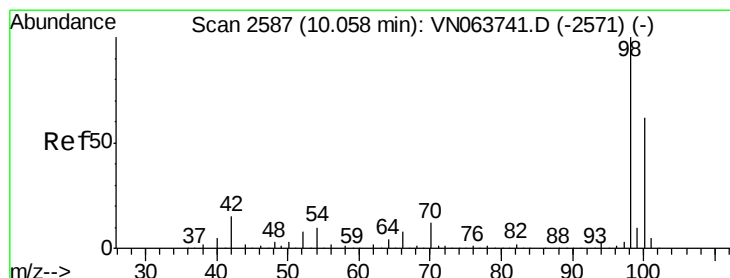
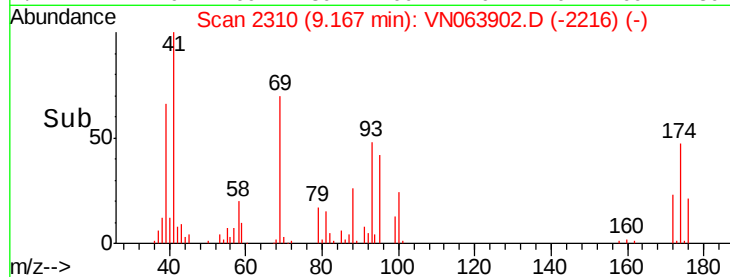
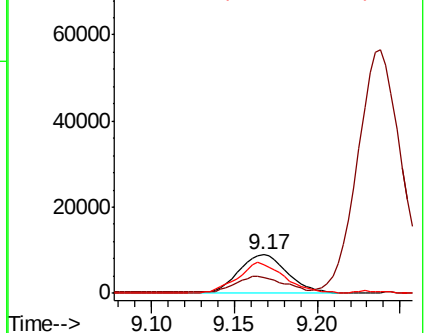
58 77.0 58.9 88.3



Abundance Ion 88.00 (87.70 to 88.70): VN063741.D (-2295) (-)

Ion 43.00 (42.70 to 43.70): VN063741.D (-2295) (-)

Ion 58.00 (57.70 to 58.70): VN063741.D (-2295) (-)



#50

Toluene-d8

Concen: 46.496 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063902.D

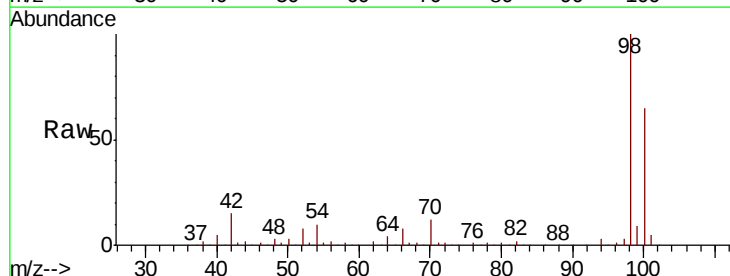
Acq: 6 Oct 2020 18:44

Tgt Ion: 98 Resp: 521597

Ion Ratio Lower Upper

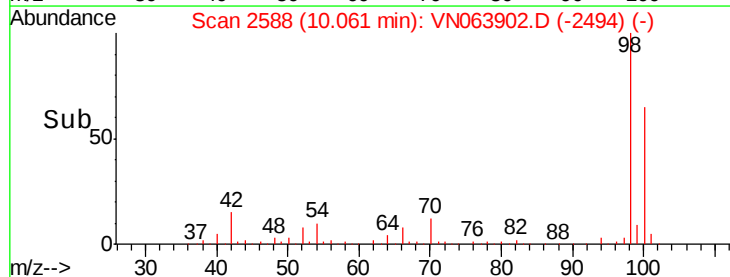
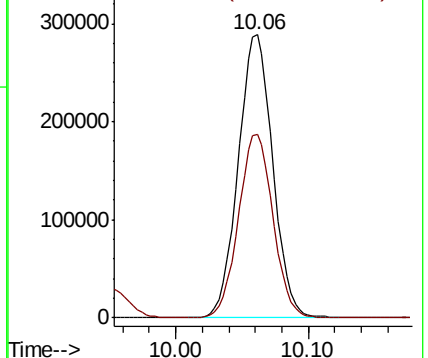
98 100

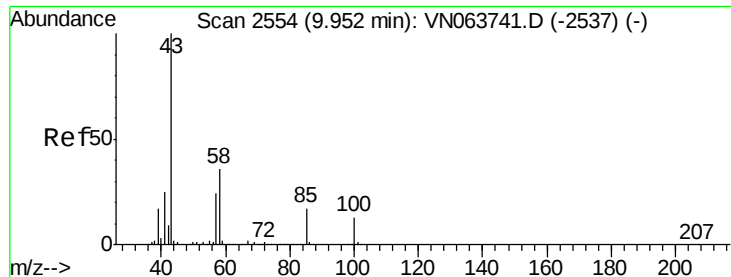
100 64.5 49.8 74.6



Abundance Ion 98.00 (97.70 to 98.70): VN063741.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN063741.D (-2571) (-)





#51

4-Methyl-2-Pentanone

Concen: 99.530 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN063902.D

Acq: 6 Oct 2020 18:44

Instrument :

MSVOA_N

ClientSampled :

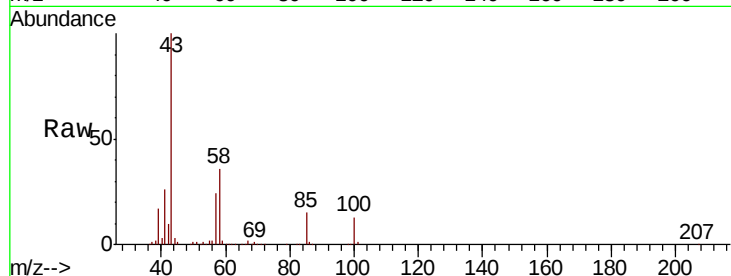
VN1006WBS02

Tot Ion: 43 Resp: 413557

Ion Ratio Lower Upper

43 100

58 35.0 28.4 42.6



Abundance Ion 43.00 (42.70 to 43.70): VN063741.D (-2537) (-)

Ion 58.00 (57.70 to 58.70): VN063741.D (-2537) (-)

9.95

250000

200000

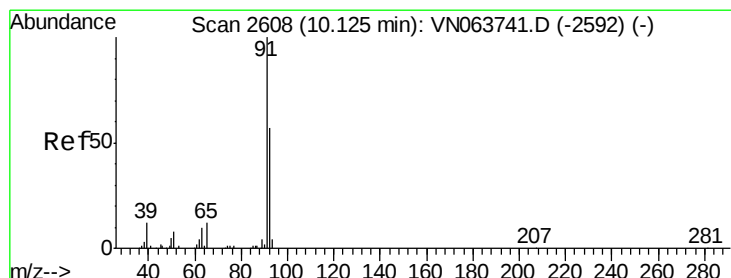
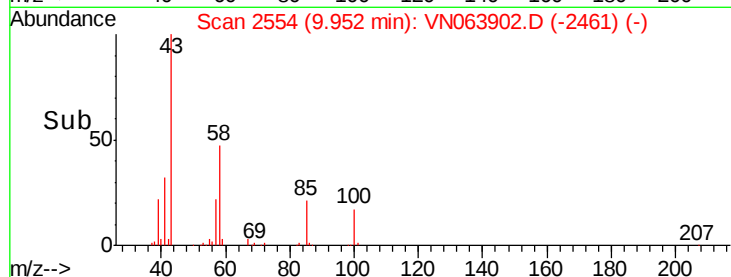
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 18.166 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063902.D

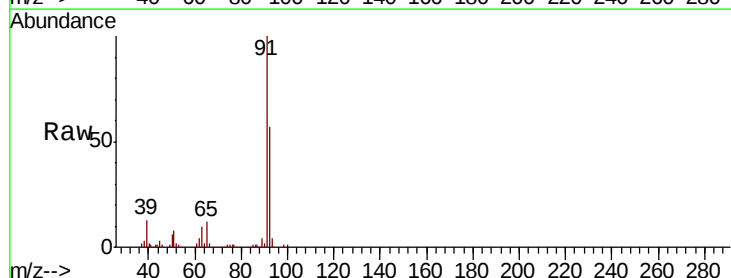
Acq: 6 Oct 2020 18:44

Tgt Ion: 92 Resp: 138664

Ion Ratio Lower Upper

92 100

91 175.8 140.6 210.8



Abundance Ion 92.00 (91.70 to 92.70): VN063741.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN063741.D (-2592) (-)

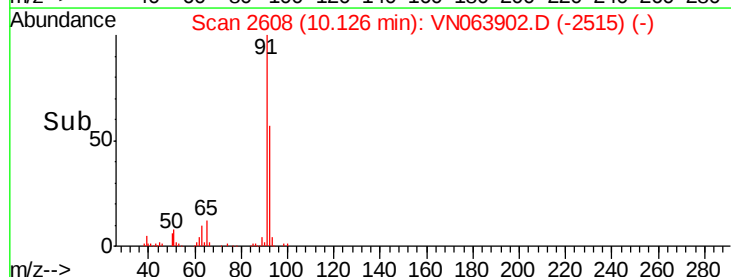
150000

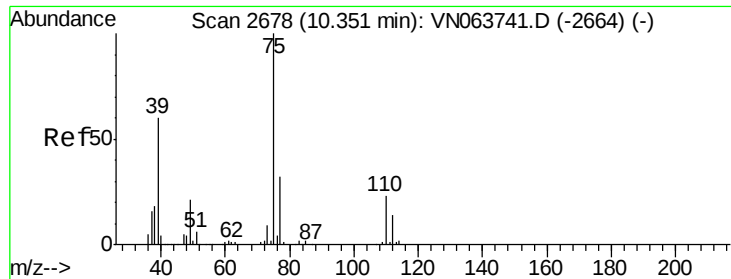
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 18.348 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN063902.D

Acq: 6 Oct 2020 18:44

Instrument :

MSVOA_N

ClientSampleId :

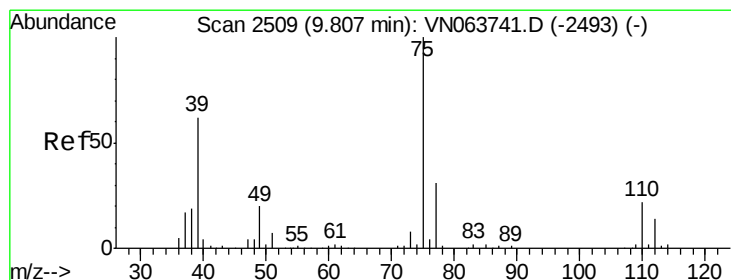
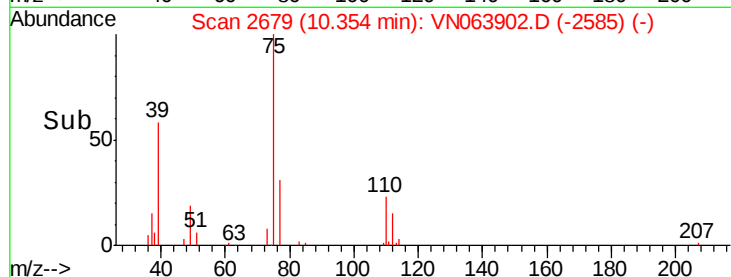
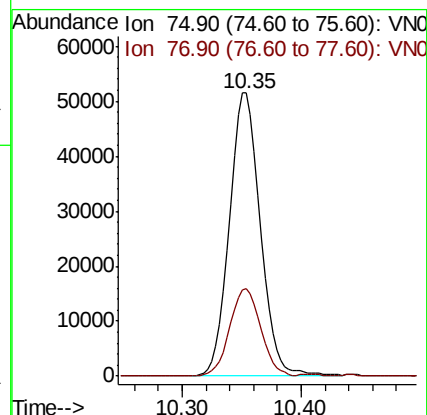
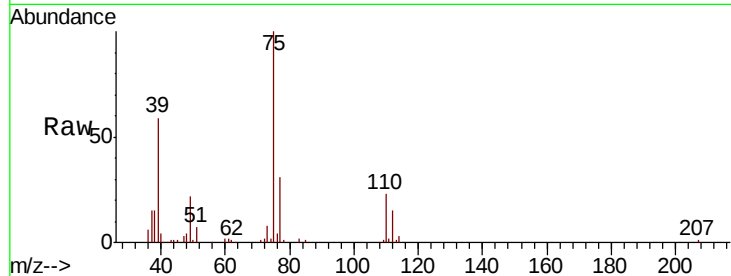
VN1006WBS02

Tot Ion: 75 Resp: 93196

Ion Ratio Lower Upper

75 100

77 31.1 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 18.122 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN063902.D

Acq: 6 Oct 2020 18:44

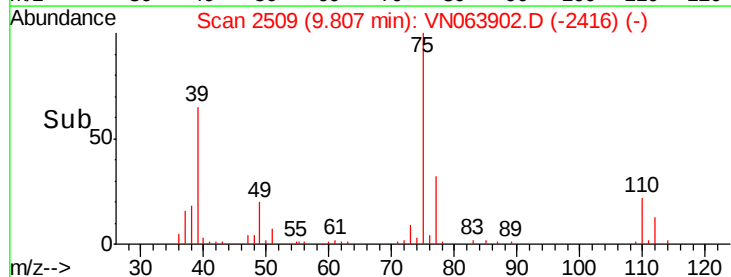
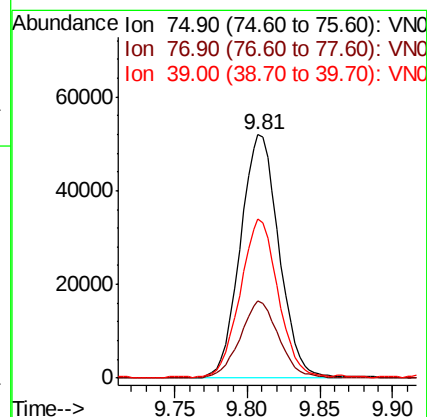
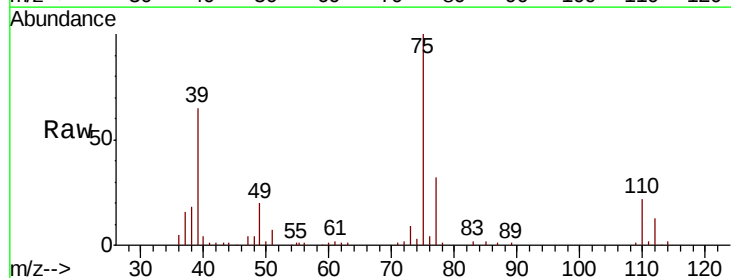
Tgt Ion: 75 Resp: 96264

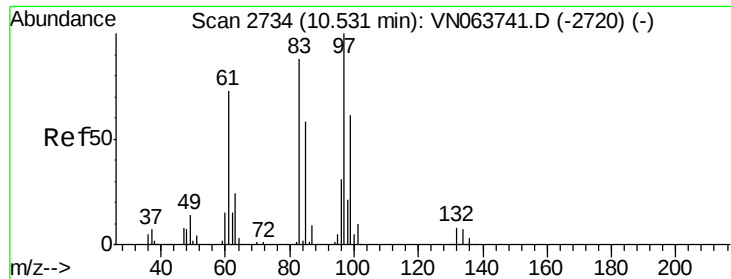
Ion Ratio Lower Upper

75 100

77 31.5 24.6 36.8

39 64.8 49.7 74.5

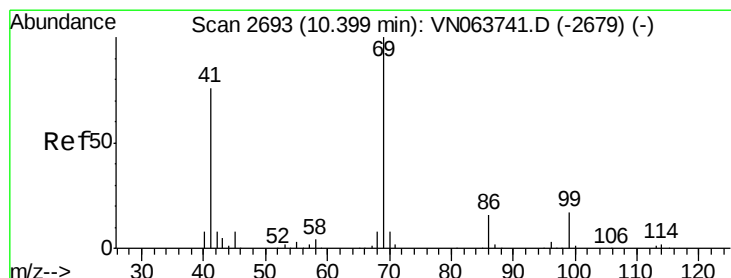
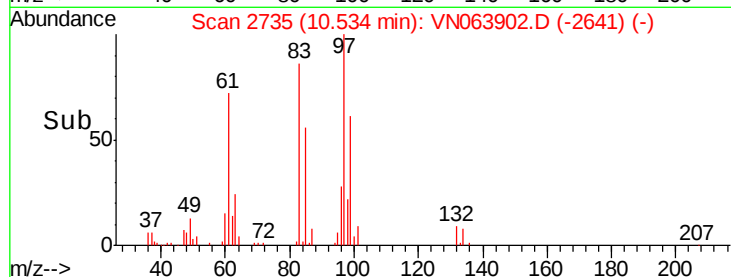
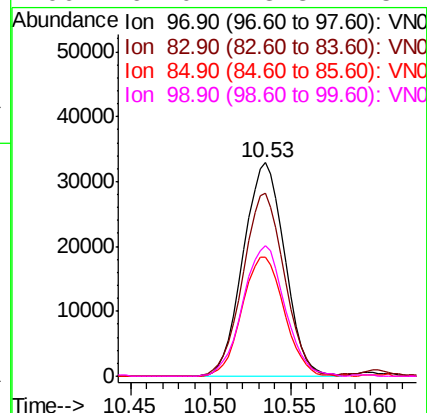
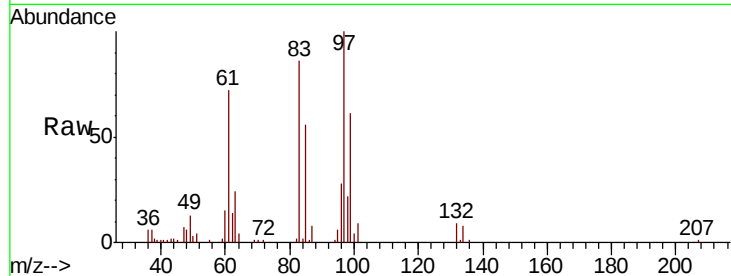




#55
 1,1,2-Trichloroethane
 Concen: 19.084 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN063902.D
 Acq: 6 Oct 2020 18:44

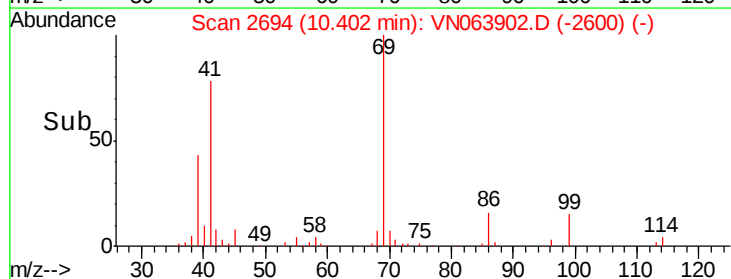
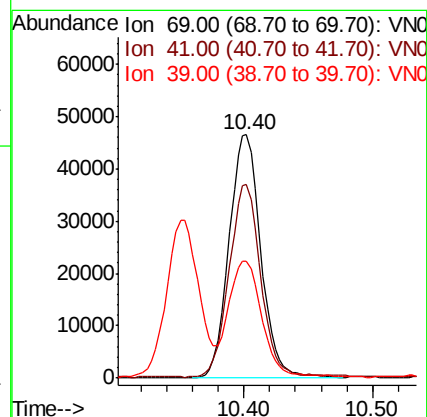
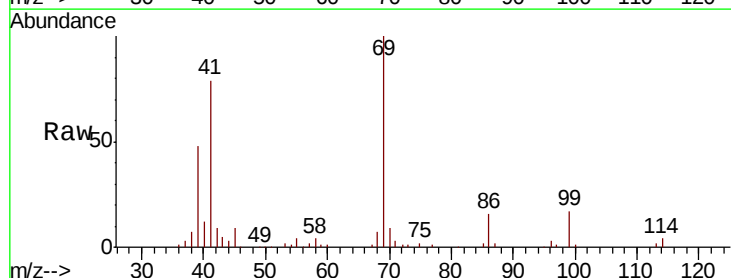
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1006WBS02

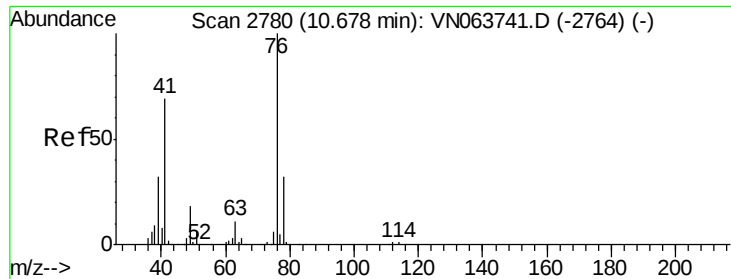
Tot Ion: 97 Resp: 58420
 Ion Ratio Lower Upper
 97 100
 83 85.6 70.7 106.1
 85 55.7 46.1 69.1
 99 61.0 48.8 73.2



#56
 Ethyl methacrylate
 Concen: 18.399 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: VN063902.D
 Acq: 6 Oct 2020 18:44

Tgt Ion: 69 Resp: 79833
 Ion Ratio Lower Upper
 69 100
 41 78.5 61.1 91.7
 39 47.9 42.2 63.4

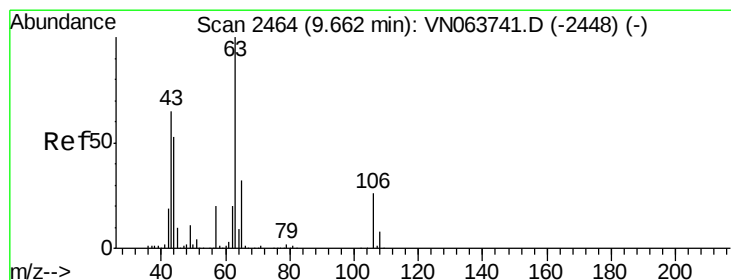
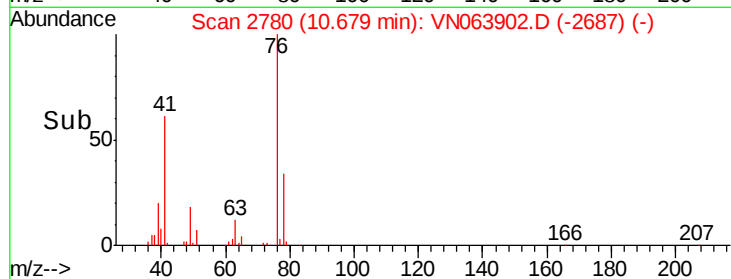
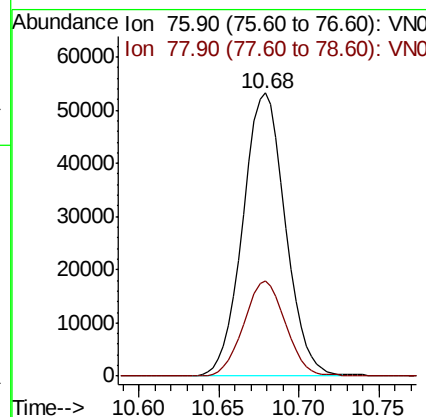
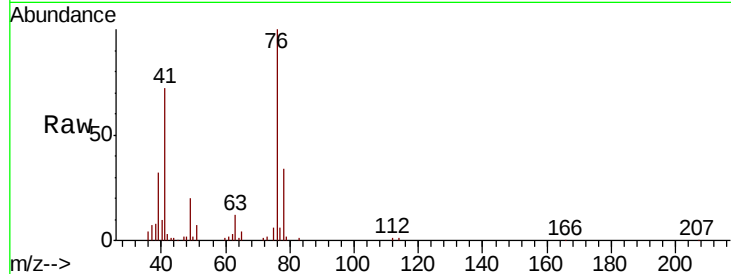




#57
 1,3-Dichloropropane
 Concen: 18.662 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN063902.D
 Acq: 6 Oct 2020 18:44

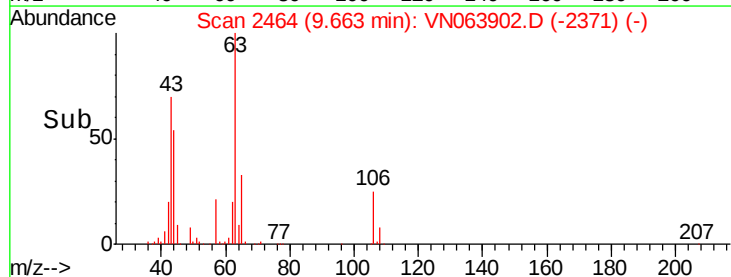
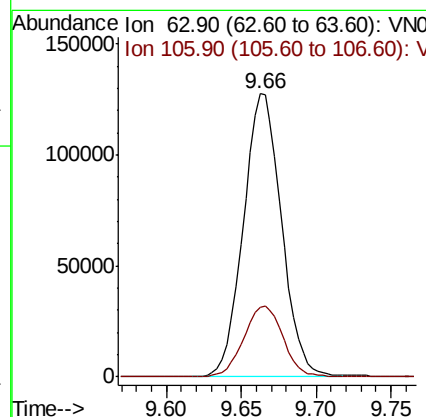
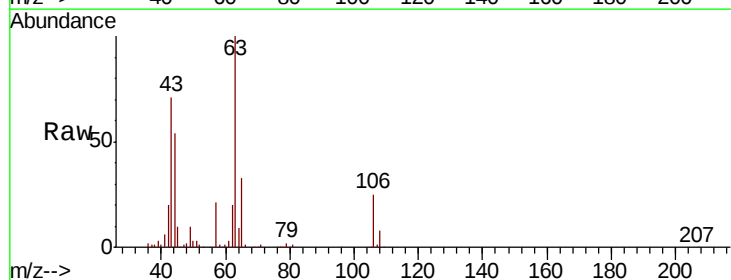
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1006WBS02

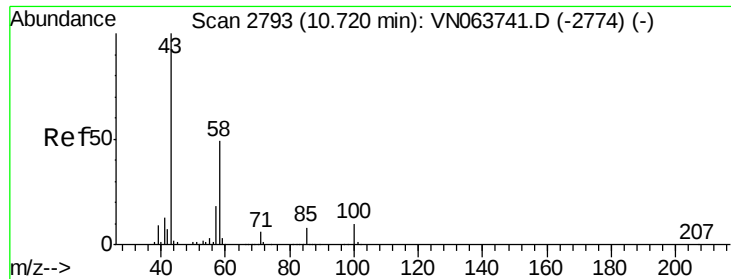
Tot Ion: 76 Resp: 96649
 Ion Ratio Lower Upper
 76 100
 78 33.1 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 97.665 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN063902.D
 Acq: 6 Oct 2020 18:44

Tgt Ion: 63 Resp: 226682
 Ion Ratio Lower Upper
 63 100
 106 25.8 20.7 31.1

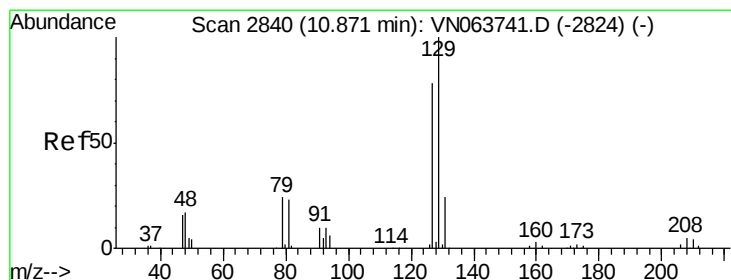
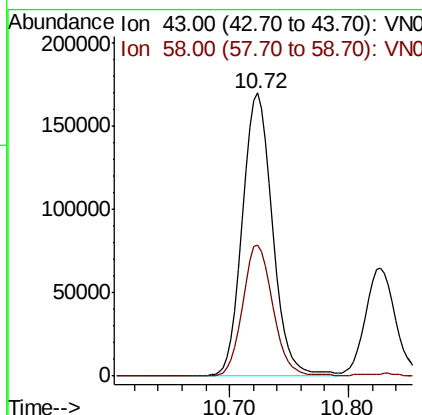
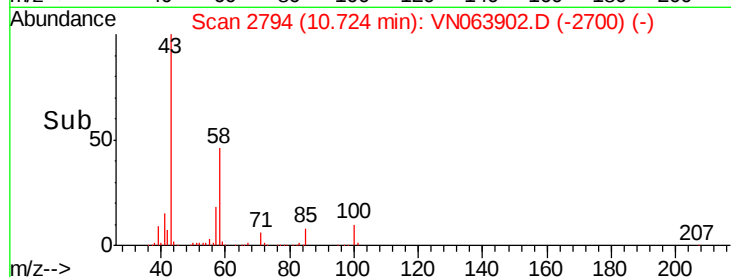
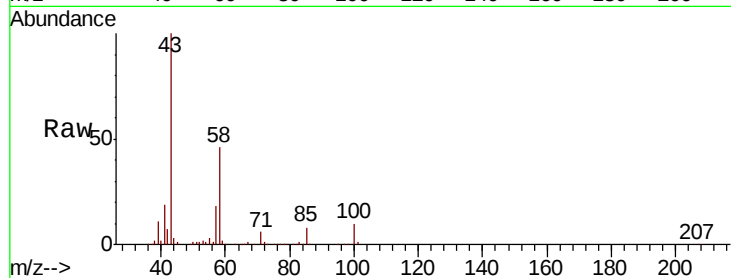




#59
2-Hexanone
Concen: 96.511 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063902.D
Acq: 6 Oct 2020 18:44

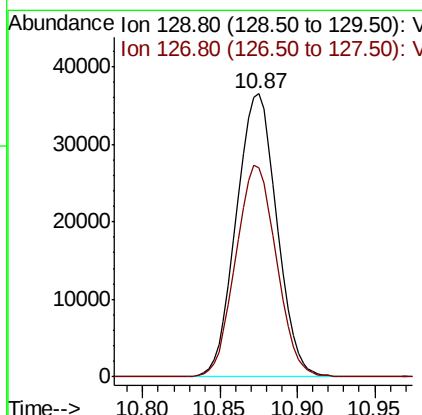
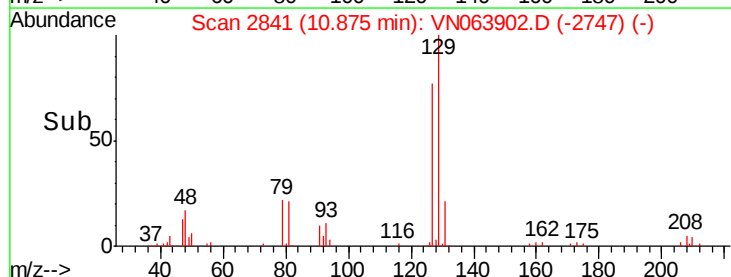
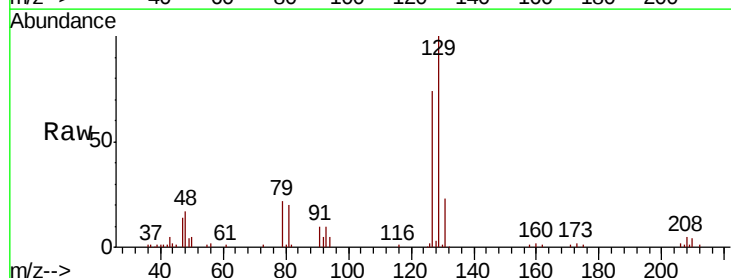
Instrument :
MSVOA_N
ClientSampleId :
VN1006WBS02

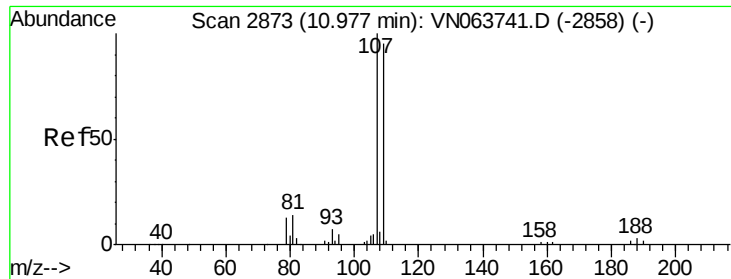
Tot Ion: 43 Resp: 297897
Ion Ratio Lower Upper
43 100
58 46.7 24.6 73.8



#60
Dibromochloromethane
Concen: 18.740 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063902.D
Acq: 6 Oct 2020 18:44

Tgt Ion: 129 Resp: 66808
Ion Ratio Lower Upper
129 100
127 74.8 38.9 116.7

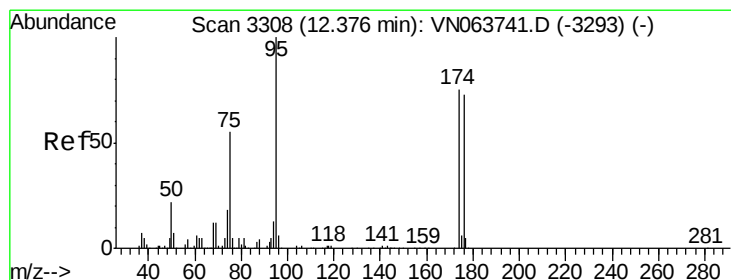
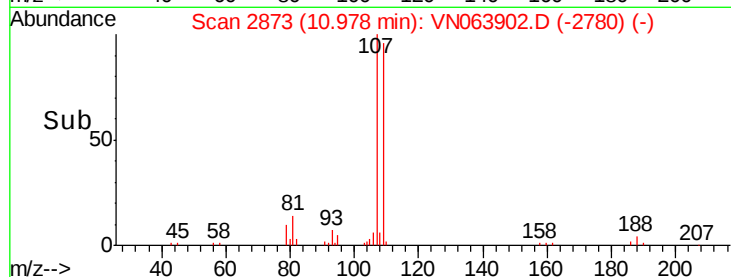
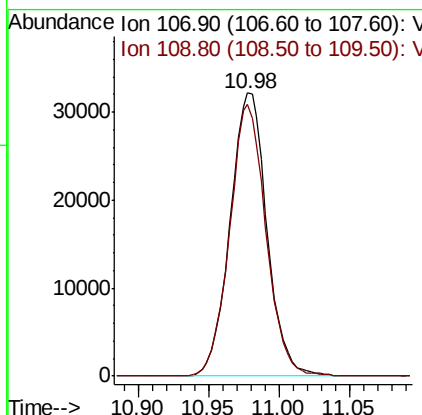
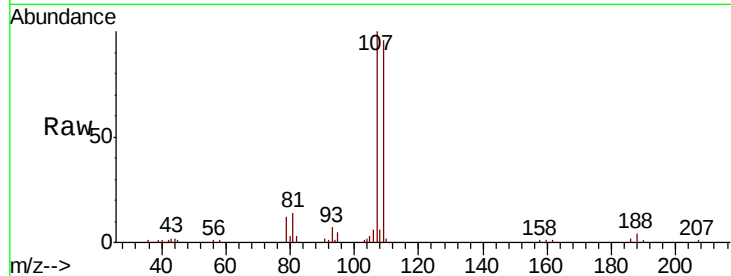




#61
 1,2-Dibromoethane
 Concen: 18.751 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN063902.D
 Acq: 6 Oct 2020 18:44

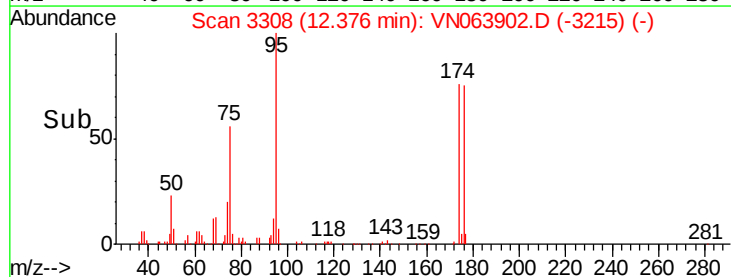
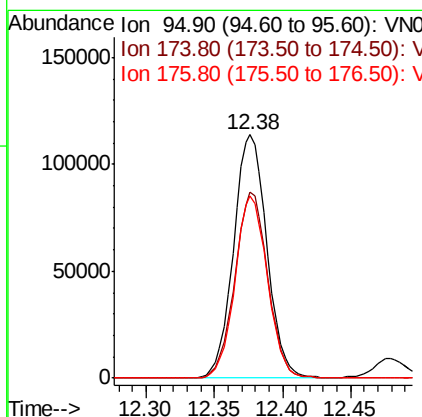
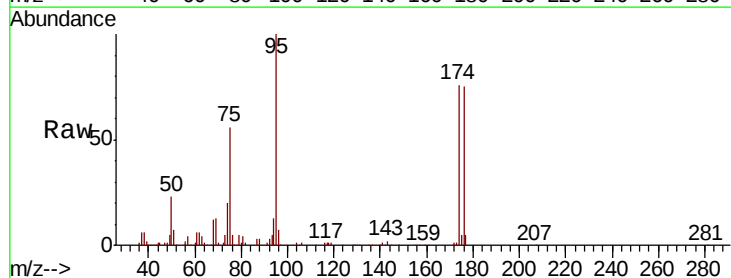
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1006WBS02

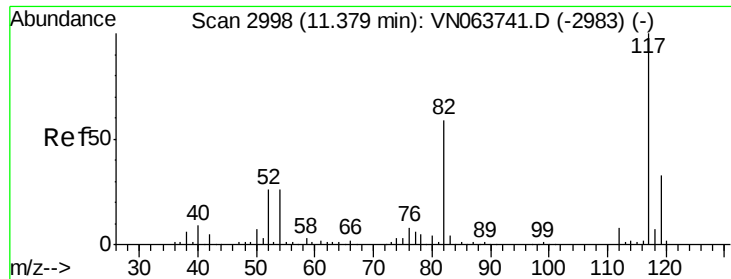
Tot Ion: 107 Resp: 58716
 Ion Ratio Lower Upper
 107 100
 109 94.9 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 45.772 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN063902.D
 Acq: 6 Oct 2020 18:44

Tgt Ion: 95 Resp: 193017
 Ion Ratio Lower Upper
 95 100
 174 75.4 0.0 150.6
 176 72.7 0.0 145.4

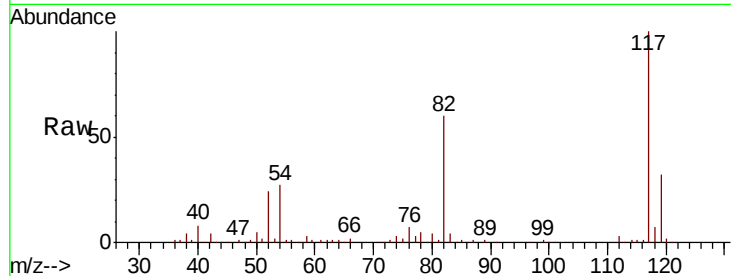




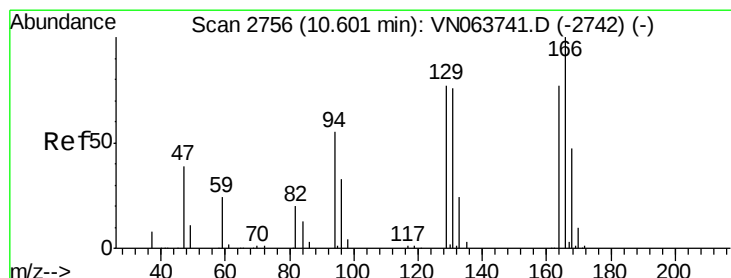
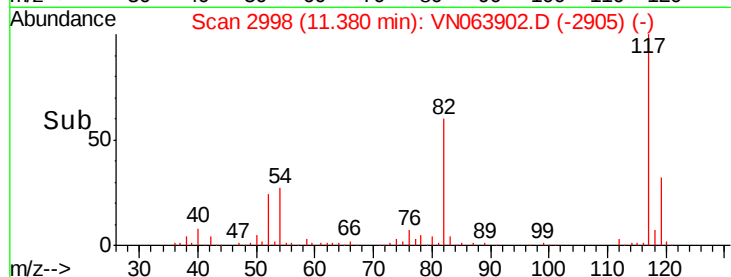
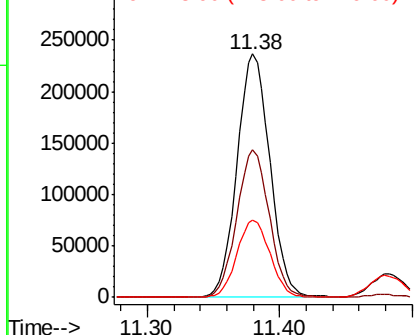
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063902.D
Acq: 6 Oct 2020 18:44

Instrument :
MSVOA_N
ClientSampleId :
VN1006WBS02

Tot Ion:117 Resp: 407644
Ion Ratio Lower Upper
117 100
82 60.4 47.4 71.2
119 31.8 26.4 39.6

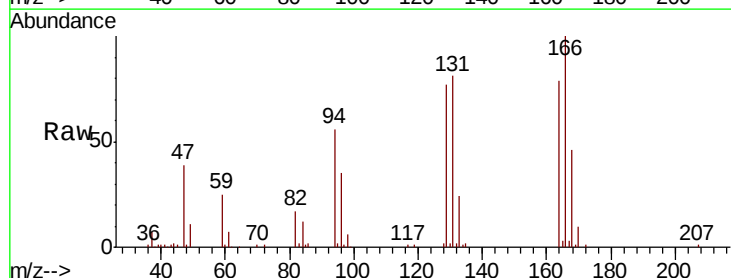


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

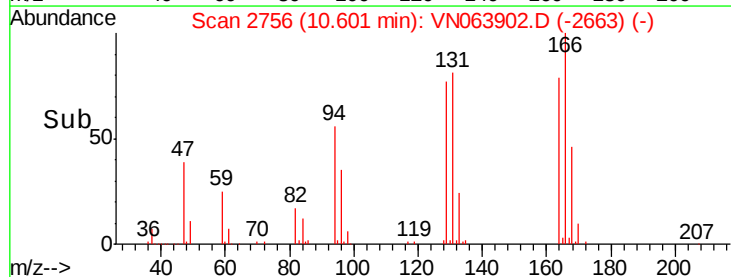
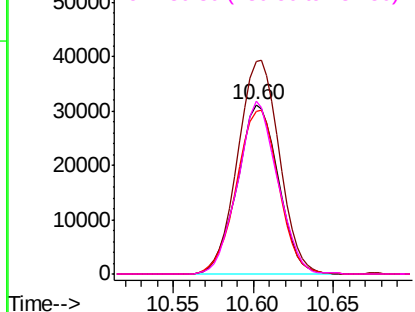


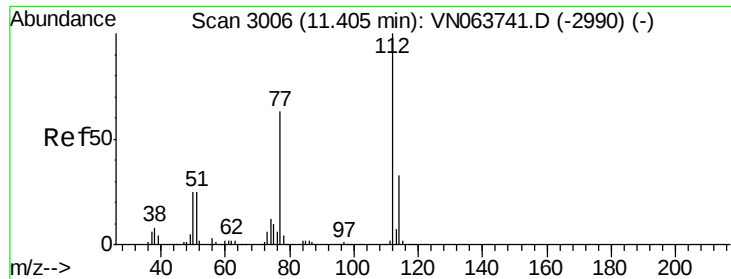
#64
Tetrachloroethene
Concen: 17.255 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN063902.D
Acq: 6 Oct 2020 18:44

Tgt Ion:164 Resp: 54418
Ion Ratio Lower Upper
164 100
166 126.0 103.9 155.9
129 96.5 80.3 120.5
131 102.1 78.9 118.3



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 17.881 ug/l

RT: 11.41 min Scan# 3006

Delta R.T. 0.00 min

Lab File: VN063902.D

Acq: 6 Oct 2020 18:44

Instrument :

MSVOA_N

ClientSampleId :

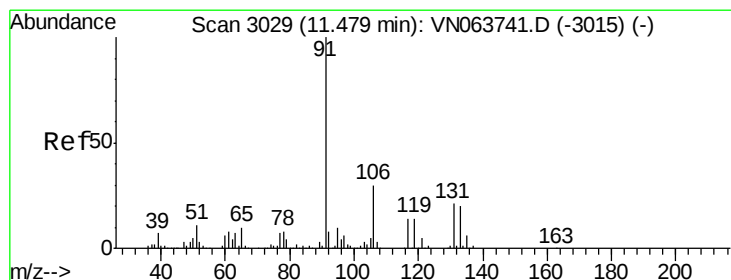
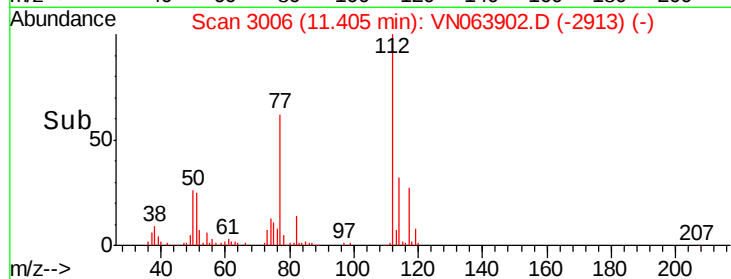
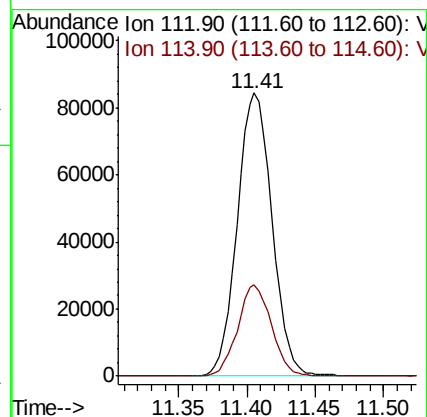
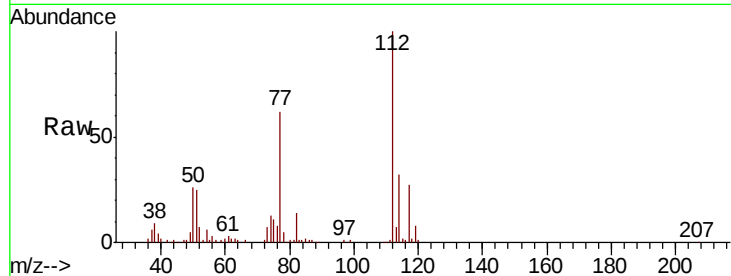
VN1006WBS02

Tot Ion:112 Resp: 149521

Ion Ratio Lower Upper

112 100

114 32.4 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 18.241 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. 0.00 min

Lab File: VN063902.D

Acq: 6 Oct 2020 18:44

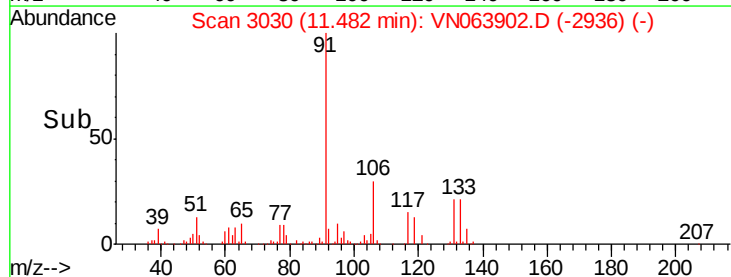
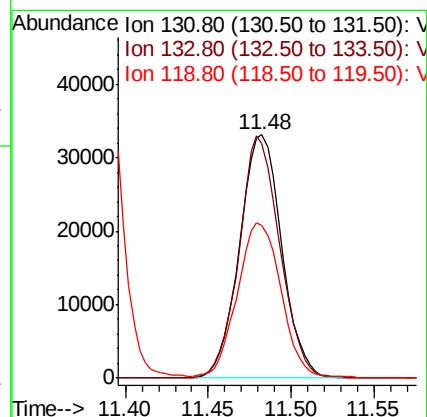
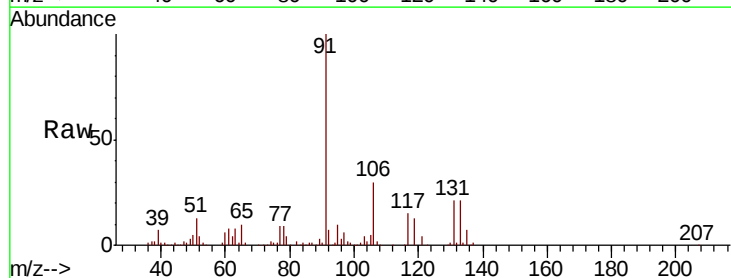
Tgt Ion:131 Resp: 58478

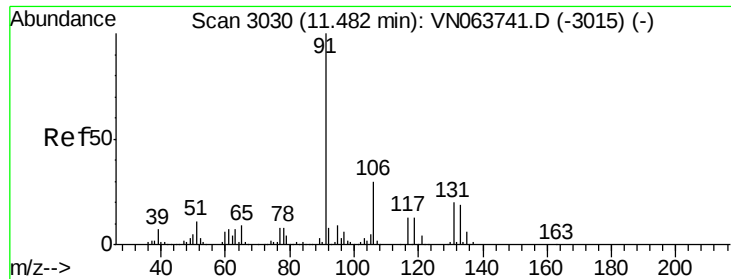
Ion Ratio Lower Upper

131 100

133 96.4 47.3 141.8

119 65.4 32.6 97.7

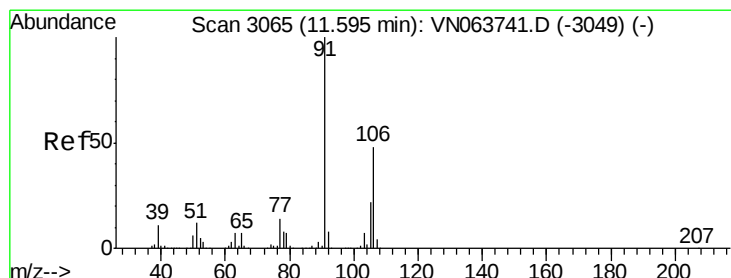
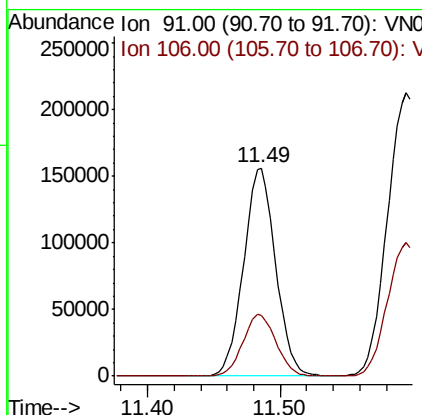
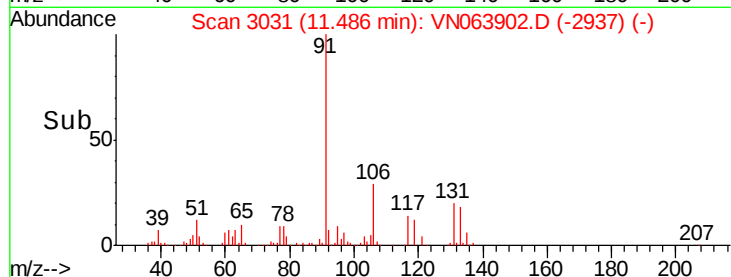
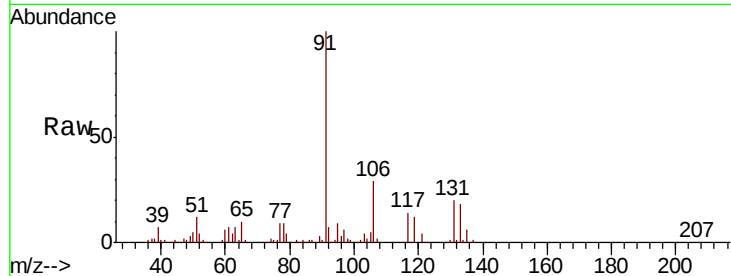




#67
Ethyl Benzene
Concen: 17.192 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN063902.D
Acq: 6 Oct 2020 18:44

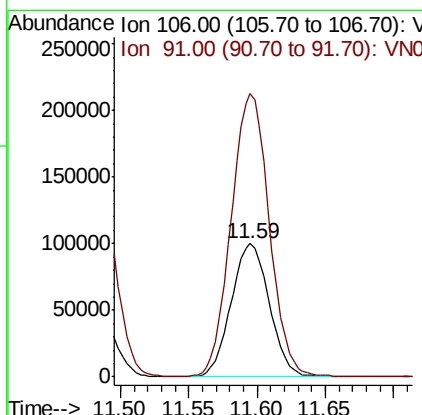
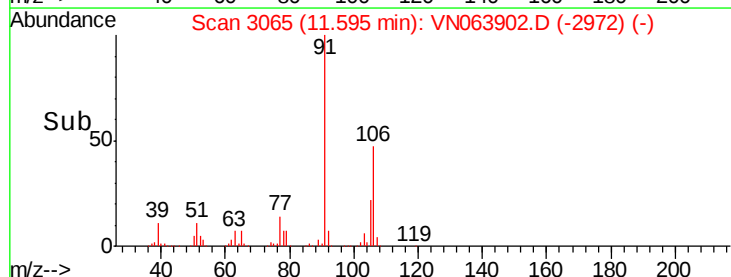
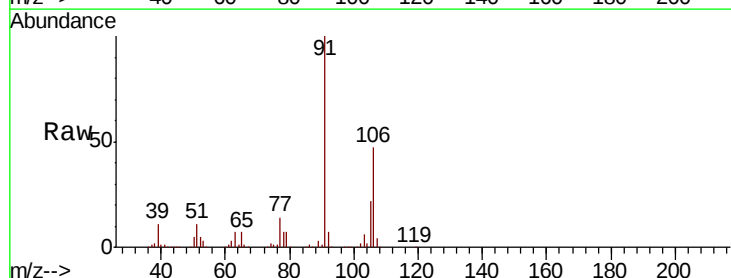
Instrument :
MSVOA_N
ClientSampled :
VN1006WBS02

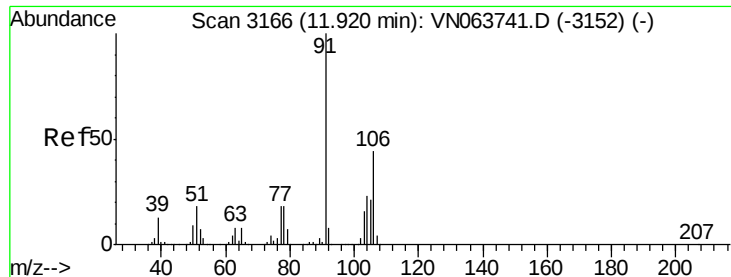
Tot Ion: 91 Resp: 261588
Ion Ratio Lower Upper
91 100
106 29.2 24.2 36.2



#68
m/p-Xylenes
Concen: 34.098 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN063902.D
Acq: 6 Oct 2020 18:44

Tgt Ion: 106 Resp: 193369
Ion Ratio Lower Upper
106 100
91 213.5 168.0 252.0

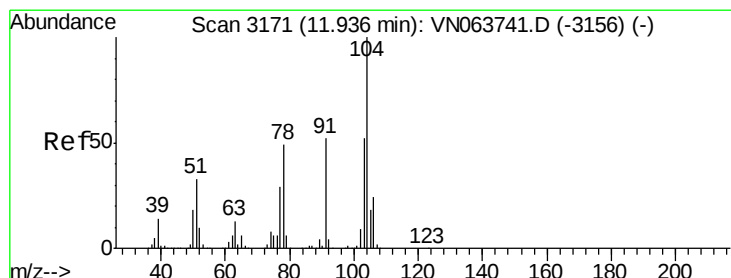
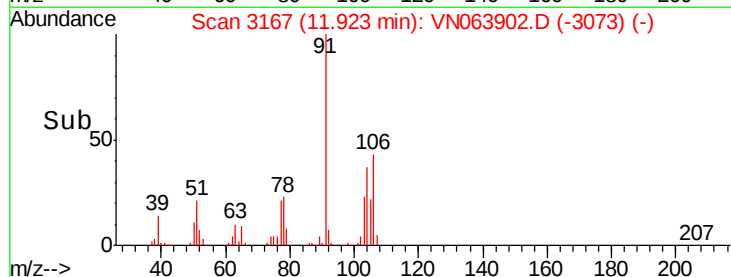
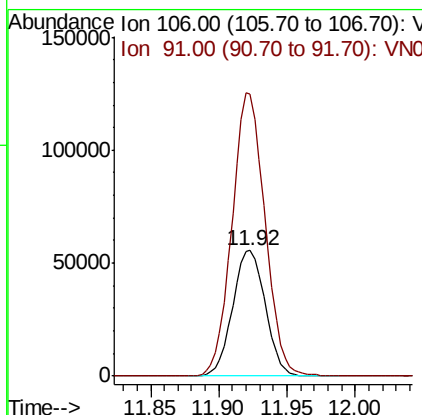
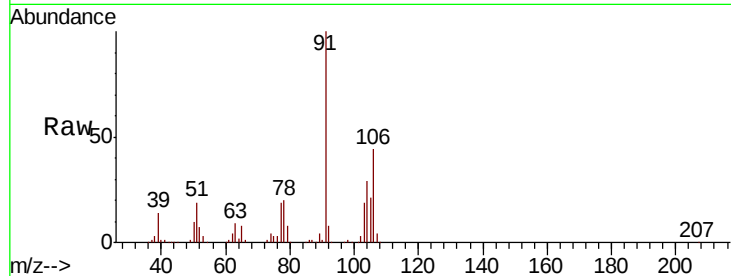




#69
o-Xylene
Concen: 17.521 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063902.D
Acq: 6 Oct 2020 18:44

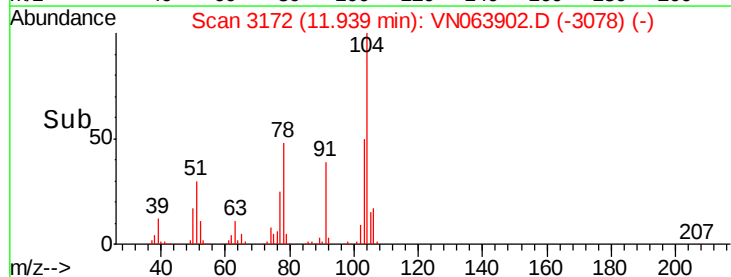
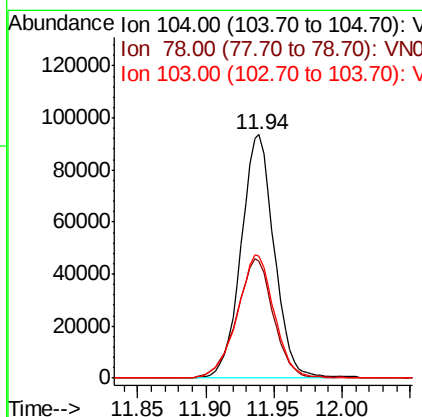
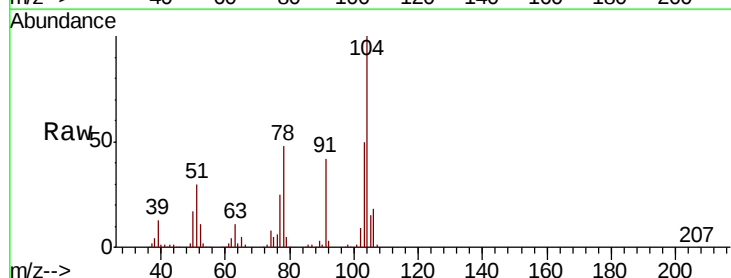
Instrument :
MSVOA_N
ClientSampleId :
VN1006WBS02

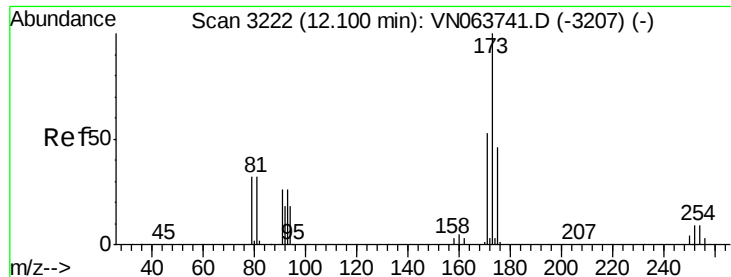
Tot Ion:106 Resp: 92867
Ion Ratio Lower Upper
106 100
91 227.0 112.7 338.0



#70
Styrene
Concen: 17.500 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN063902.D
Acq: 6 Oct 2020 18:44

Tgt Ion:104 Resp: 157458
Ion Ratio Lower Upper
104 100
78 54.2 44.1 66.1
103 56.3 44.3 66.5





#71

Bromoform

Concen: 17.780 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN063902.D

Acq: 6 Oct 2020 18:44

Instrument :

MSVOA_N

ClientSampleId :

VN1006WBS02

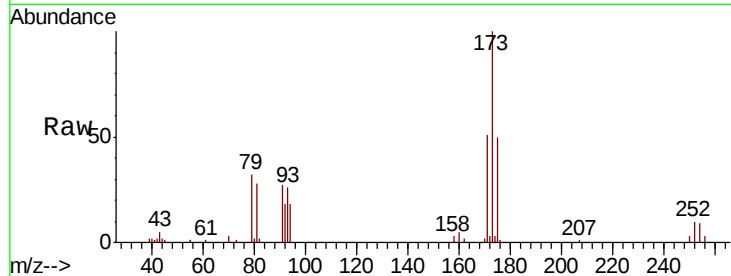
Tot Ion:173 Resp: 43593

Ion Ratio Lower Upper

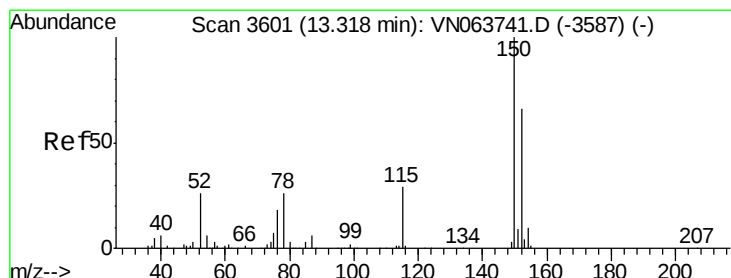
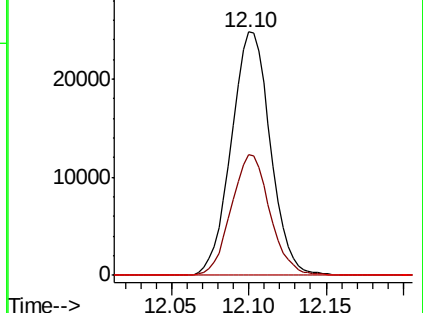
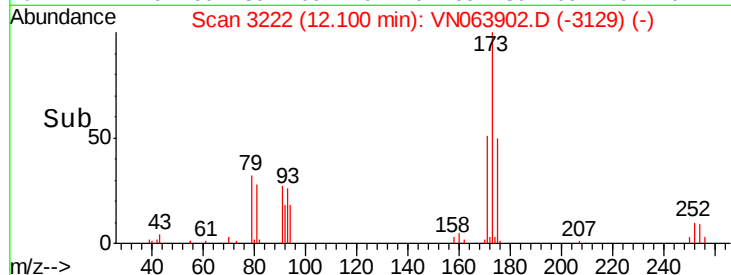
173 100

175 48.9 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: VN063902.D

Acq: 6 Oct 2020 18:44

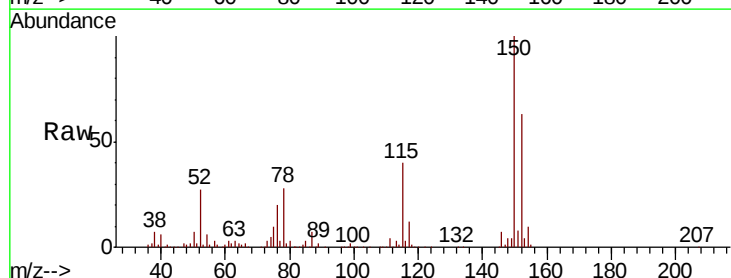
Tgt Ion:152 Resp: 186054

Ion Ratio Lower Upper

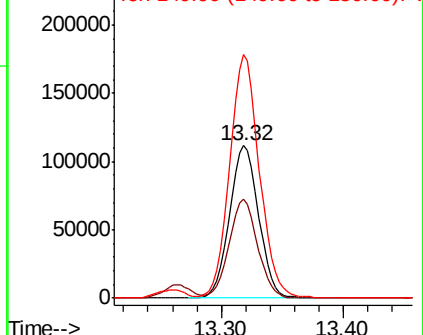
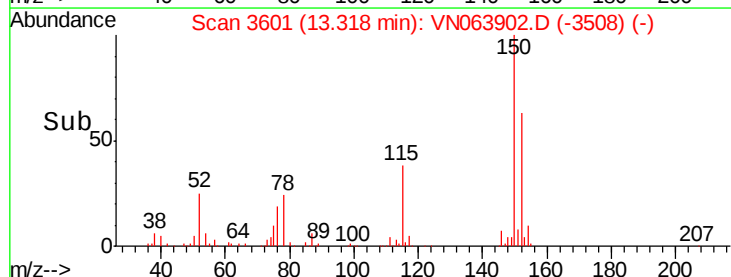
152 100

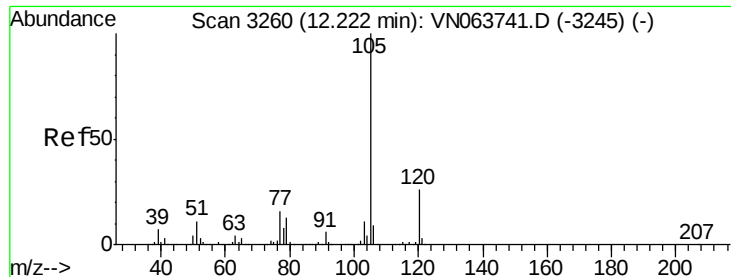
115 63.1 31.3 93.8

150 162.1 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: 18.054 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063902.D

Acq: 6 Oct 2020 18:44

Instrument :

MSVOA_N

ClientSampleId :

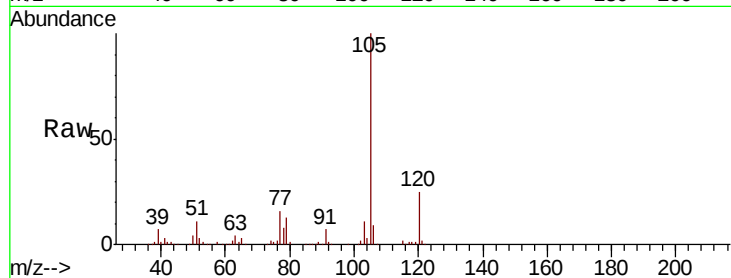
VN1006WBS02

Tot Ion:105 Resp: 245010

Ion Ratio Lower Upper

105 100

120 24.8 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

150000

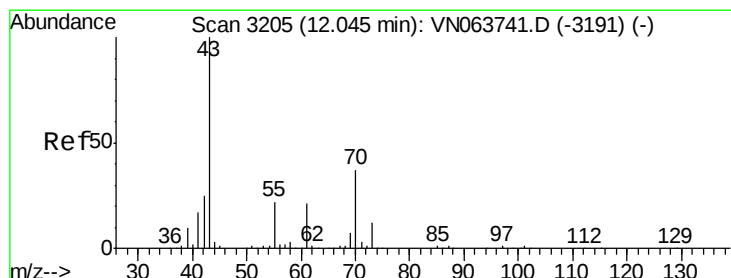
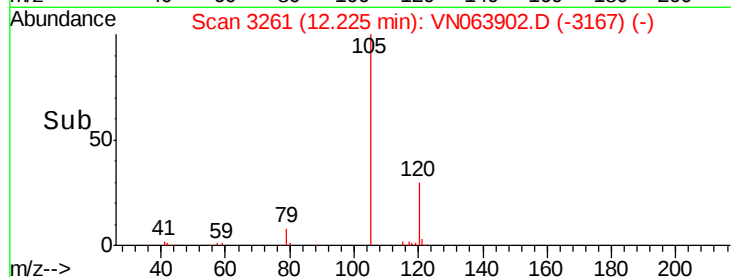
100000

50000

0

12.15 12.20 12.25 12.30

Time-->



#74

N-ethyl acetate

Concen: 19.024 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN063902.D

Acq: 6 Oct 2020 18:44

Tgt Ion: 43 Resp: 110933

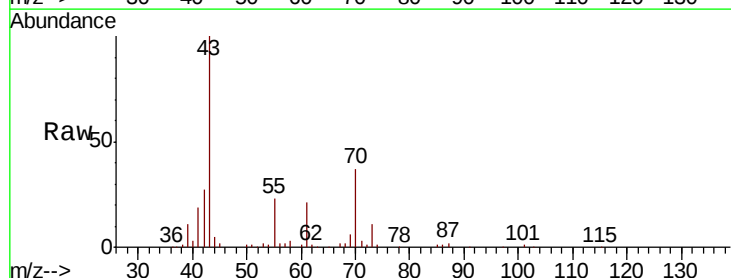
Ion Ratio Lower Upper

43 100

70 36.4 29.8 44.8

55 23.2 17.9 26.9

61 20.7 17.0 25.4



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

100000

80000

60000

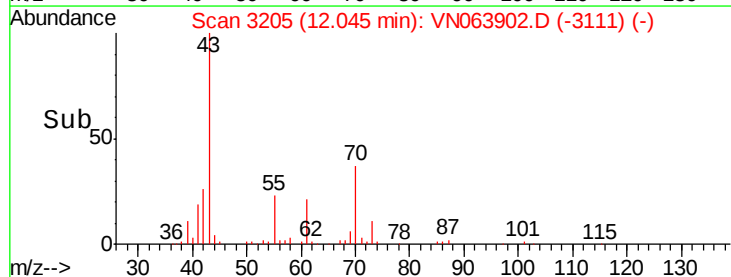
40000

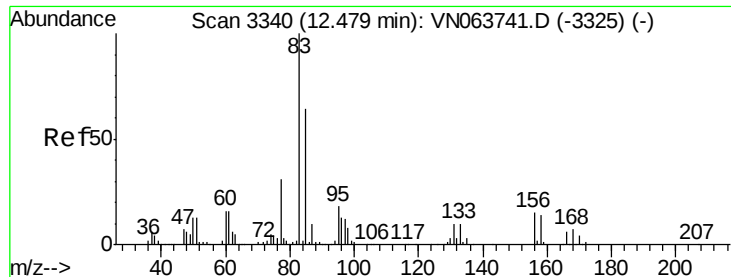
20000

0

11.95 12.00 12.05 12.10

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.411 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN063902.D

Acq: 6 Oct 2020 18:44

Instrument :

MSVOA_N

ClientSampleId :

VN1006WBS02

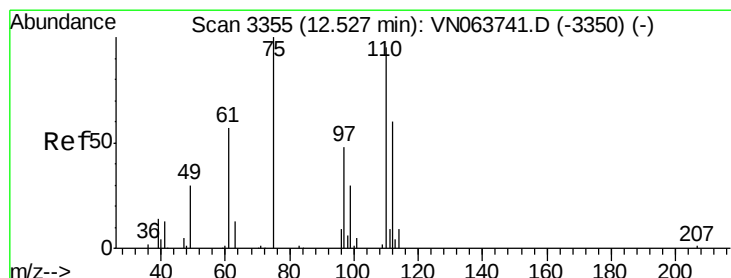
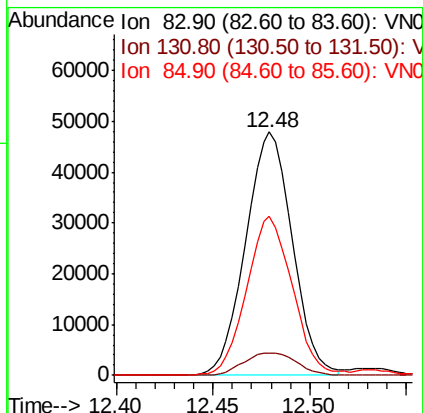
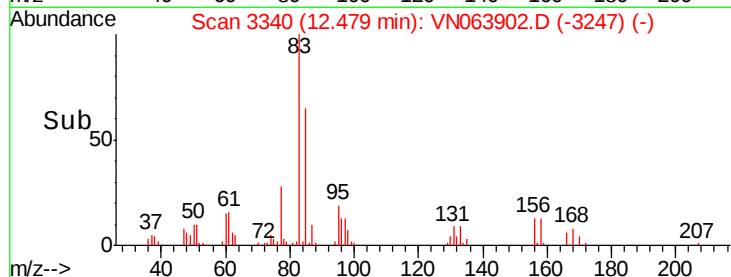
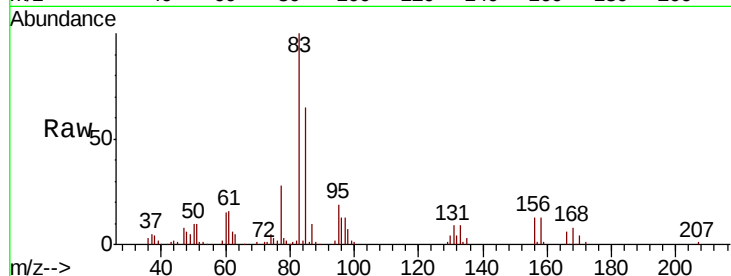
Tot Ion: 83 Resp: 80551

Ion Ratio Lower Upper

83 100

131 10.4 5.3 15.8

85 64.0 31.3 93.8



#76

1,2,3-Trichloropropane

Concen: 26.822 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN063902.D

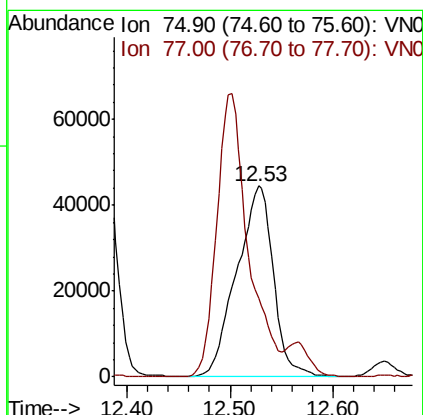
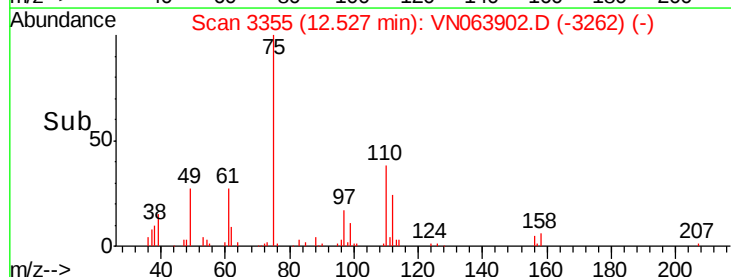
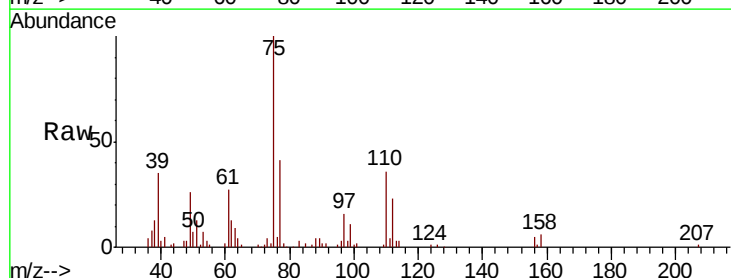
Acq: 6 Oct 2020 18:44

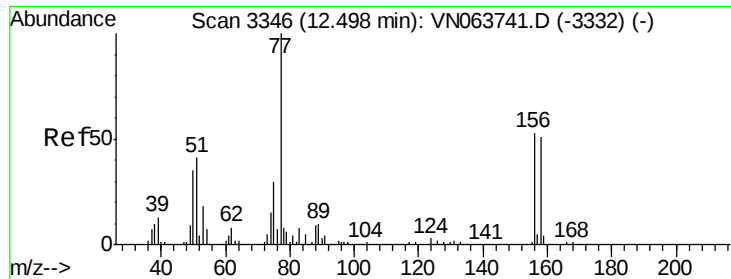
Tgt Ion: 75 Resp: 110007

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.214 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN063902.D

Acq: 6 Oct 2020 18:44

Instrument :

MSVOA_N

ClientSampleId :

VN1006WBS02

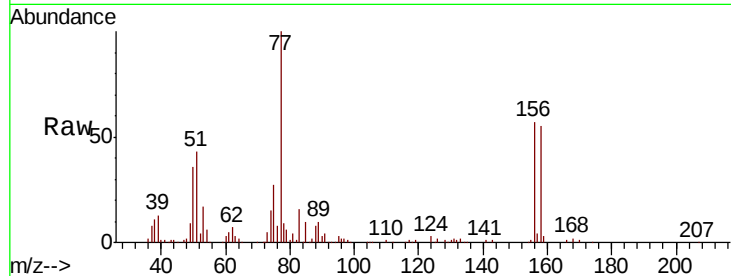
Tot Ion:156 Resp: 63980

Ion Ratio Lower Upper

156 100

77 219.0 110.9 332.7

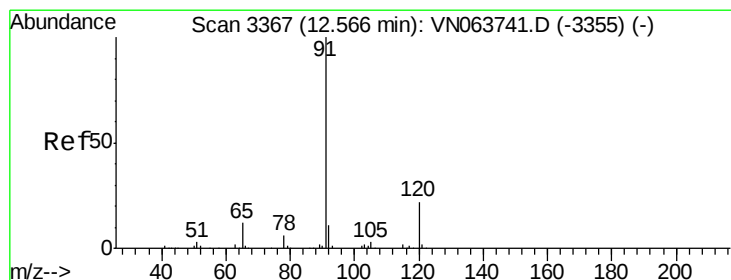
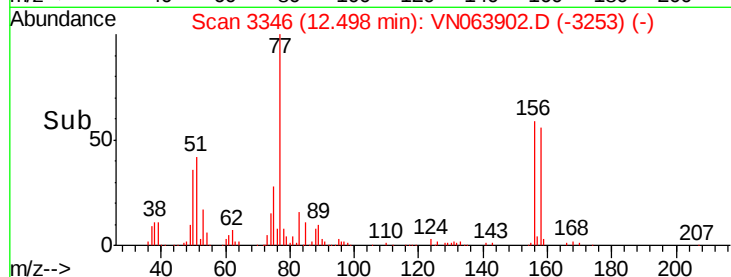
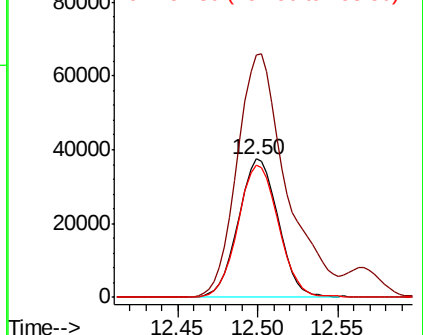
158 96.9 47.7 143.1



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: 17.448 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN063902.D

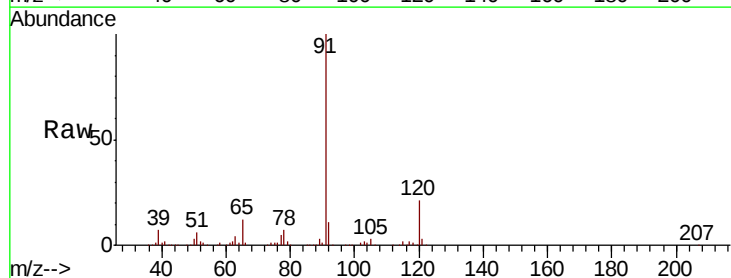
Acq: 6 Oct 2020 18:44

Tgt Ion: 91 Resp: 275566

Ion Ratio Lower Upper

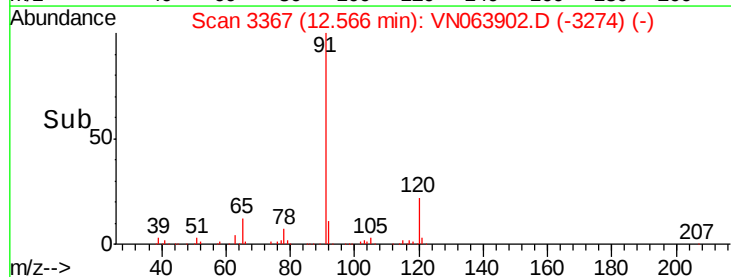
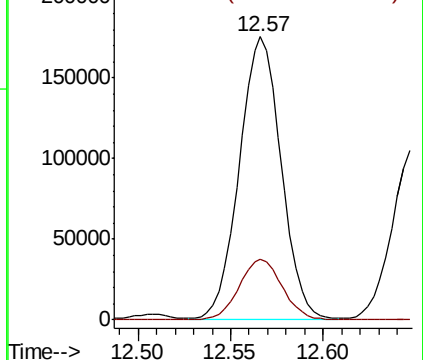
91 100

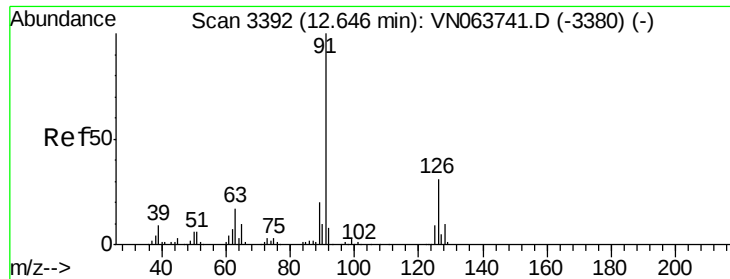
120 22.0 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

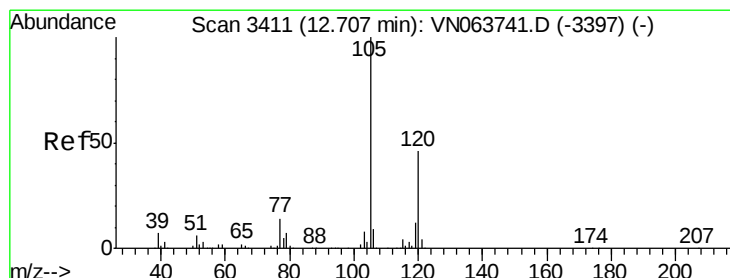
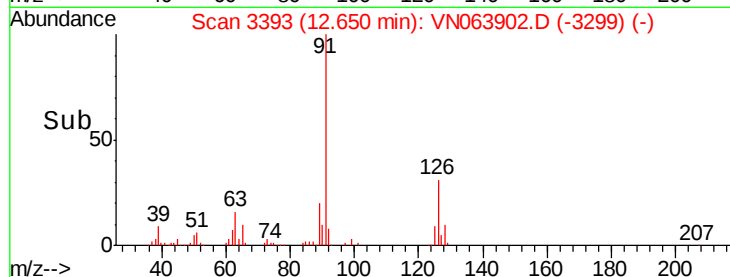
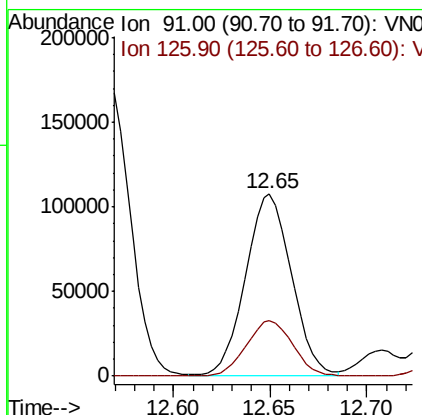
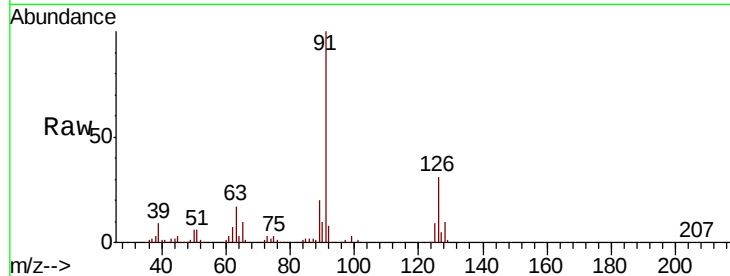




#79
 2-Chlorotoluene
 Concen: 18.307 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. 0.00 min
 Lab File: VN063902.D
 Acq: 6 Oct 2020 18:44

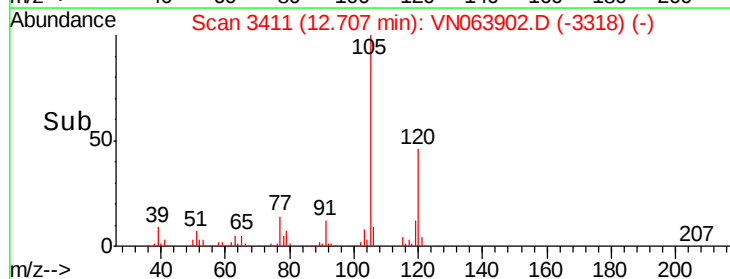
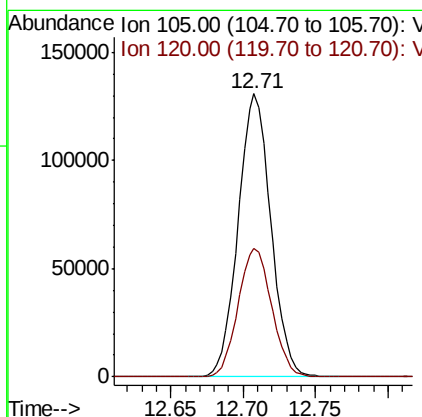
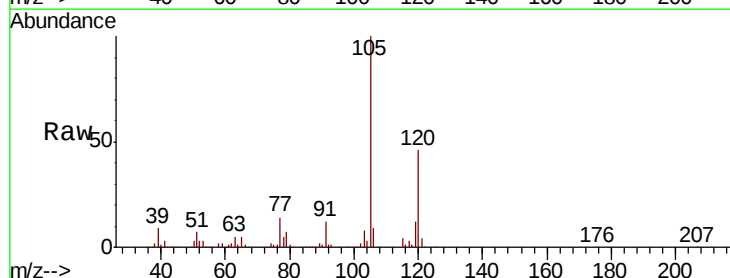
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1006WBS02

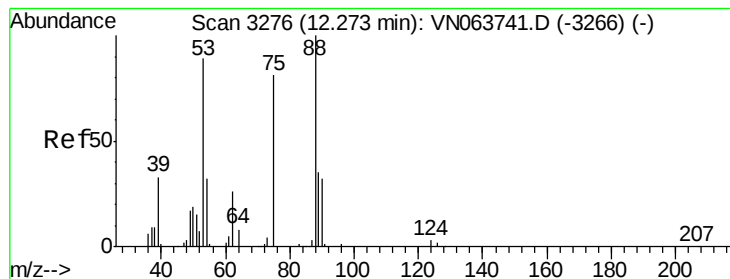
Tot Ion: 91 Resp: 177816
 Ion Ratio Lower Upper
 91 100
 126 30.9 15.9 47.7



#80
 1,3,5-Trimethylbenzene
 Concen: 18.018 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN063902.D
 Acq: 6 Oct 2020 18:44

Tgt Ion: 105 Resp: 205139
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.3 69.9





#81

trans-1,4-Dichloro-2-butene

Concen: 18.184 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063902.D

Acq: 6 Oct 2020 18:44

Instrument :

MSVOA_N

ClientSampleId :

VN1006WBS02

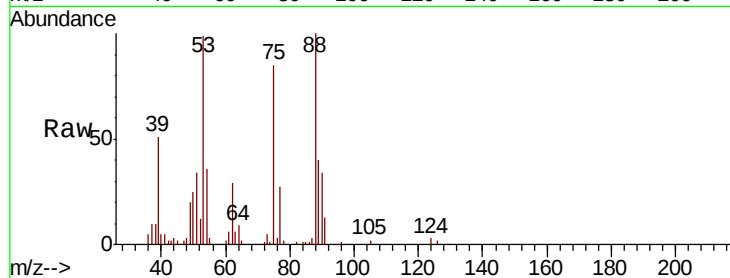
Tot Ion: 75 Resp: 25894

Ion Ratio Lower Upper

75 100

53 117.6 88.2 132.2

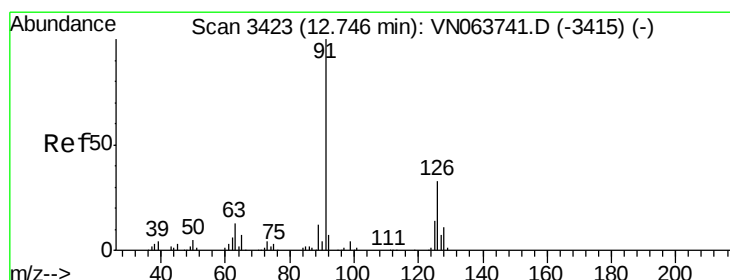
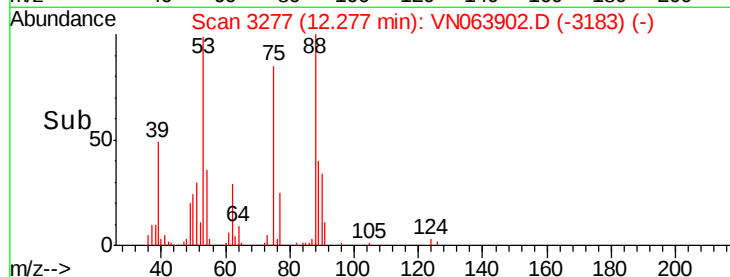
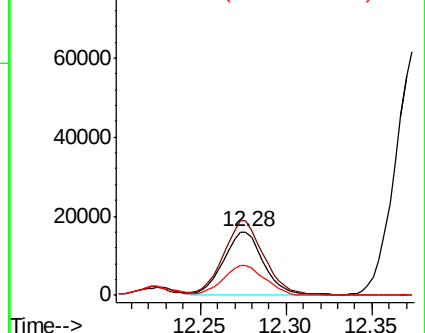
89 49.7 36.0 54.0



Abundance Ion 74.90 (74.60 to 75.60): VN063741.D (-3266) (-)

Ion 53.00 (52.70 to 53.70): VN063741.D (-3266) (-)

Ion 88.90 (88.60 to 89.60): VN063741.D (-3266) (-)



#82

4-Chlorotoluene

Concen: 18.215 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN063902.D

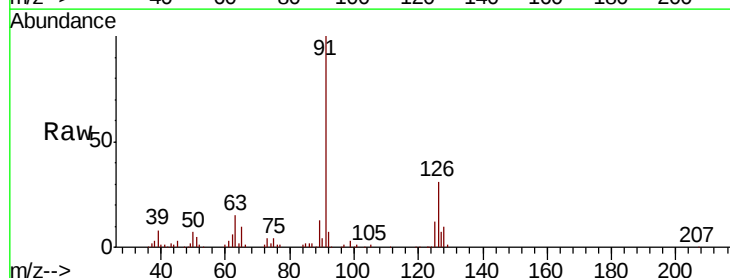
Acq: 6 Oct 2020 18:44

Tgt Ion: 91 Resp: 183671

Ion Ratio Lower Upper

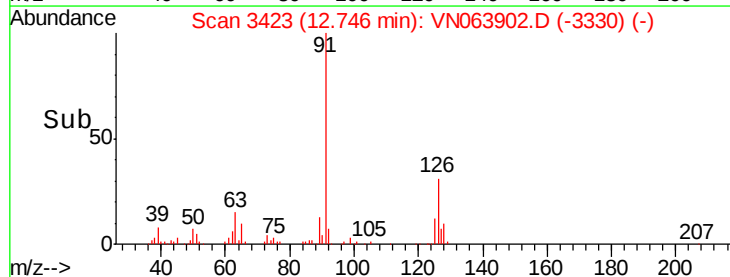
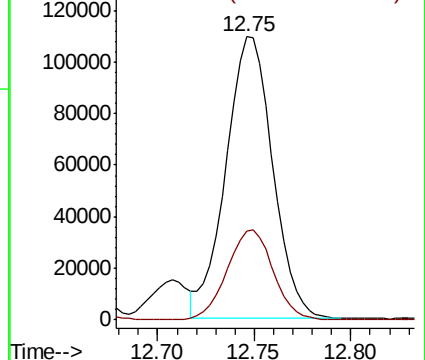
91 100

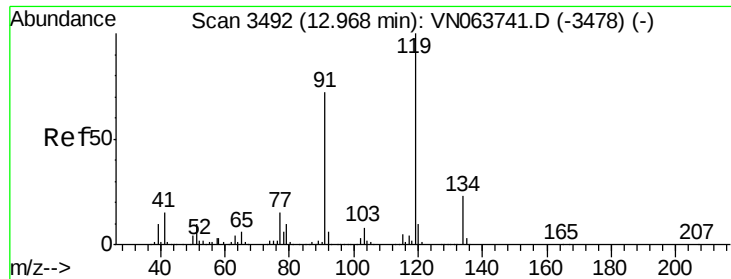
126 31.6 15.4 46.2



Abundance Ion 91.00 (90.70 to 91.70): VN063741.D (-3415) (-)

Ion 125.90 (125.60 to 126.60): VN063741.D (-3415) (-)

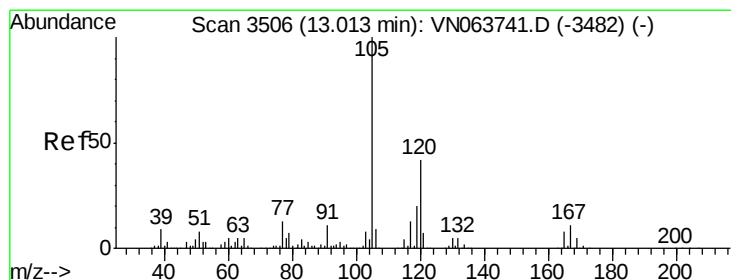
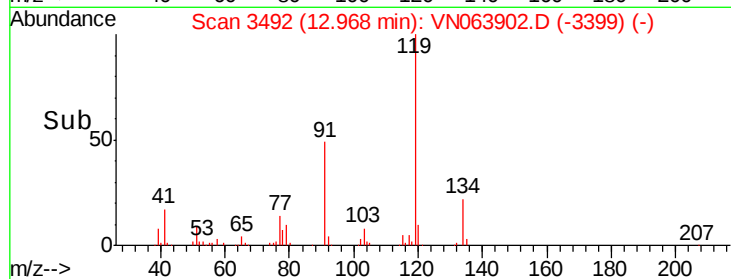
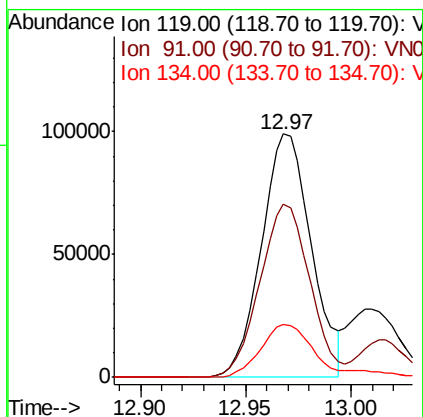
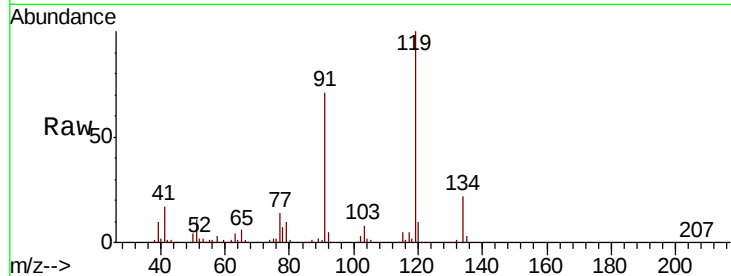




#83
 tert-Butylbenzene
 Concen: 17.495 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN063902.D
 Acq: 6 Oct 2020 18:44

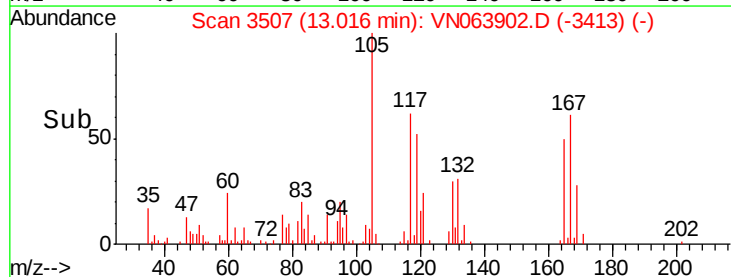
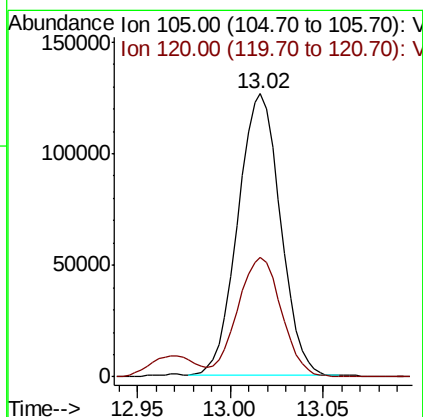
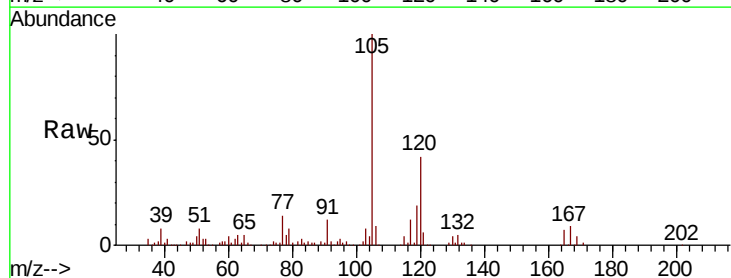
Instrument :
 MSVOA_N
 ClientSampled :
 VN1006WBS02

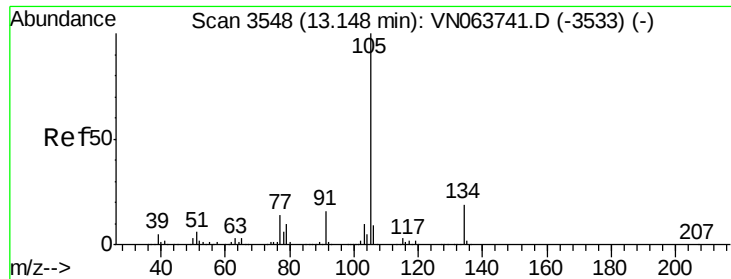
Tot Ion:119 Resp: 162928
 Ion Ratio Lower Upper
 119 100
 91 71.6 35.5 106.5
 134 22.4 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 17.685 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN063902.D
 Acq: 6 Oct 2020 18:44

Tgt Ion:105 Resp: 201026
 Ion Ratio Lower Upper
 105 100
 120 43.7 20.9 62.7





#85

sec-Butylbenzene

Concen: 17.124 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063902.D

Acq: 6 Oct 2020 18:44

Instrument :

MSVOA_N

ClientSampled :

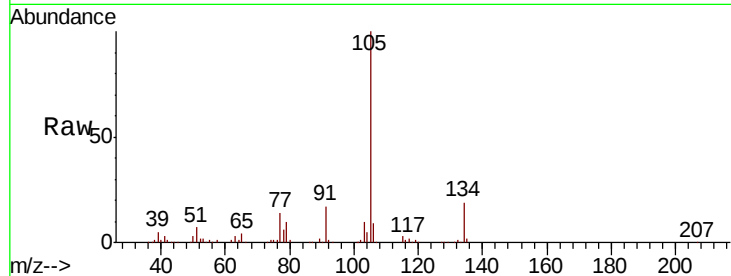
VN1006WBS02

Tot Ion:105 Resp: 209457

Ion Ratio Lower Upper

105 100

134 18.6 9.5 28.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.15

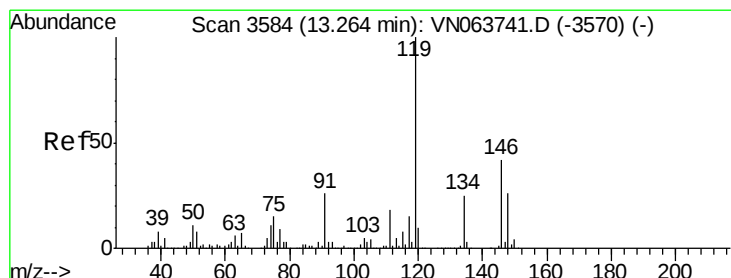
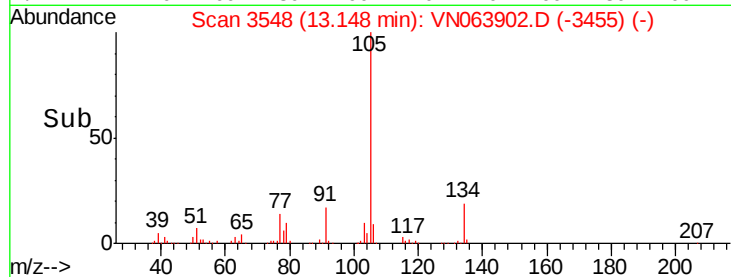
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 17.303 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN063902.D

Acq: 6 Oct 2020 18:44

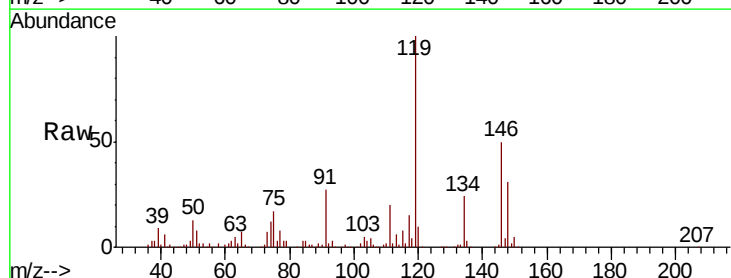
Tgt Ion:119 Resp: 187233

Ion Ratio Lower Upper

119 100

134 24.5 12.6 37.8

91 26.5 13.4 40.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.26

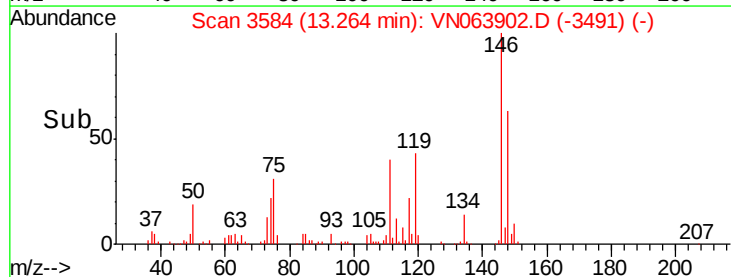
150000

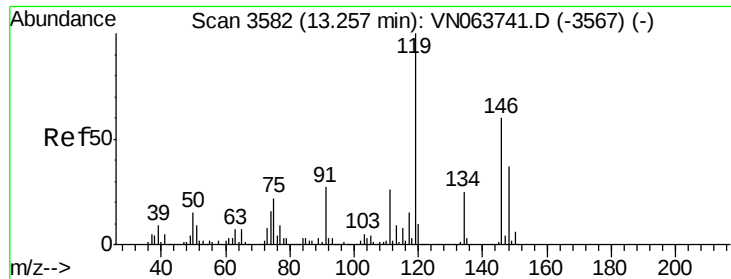
100000

50000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 18.254 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN063902.D

Acq: 6 Oct 2020 18:44

Instrument :

MSVOA_N

ClientSampleId :

VN1006WBS02

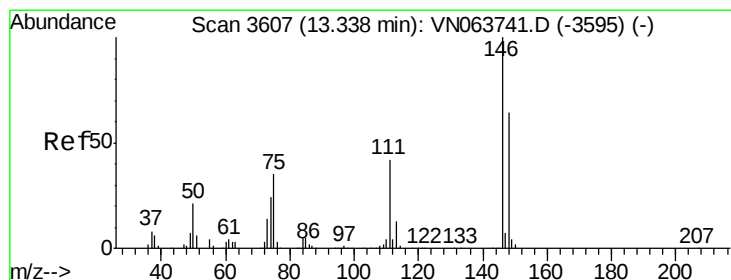
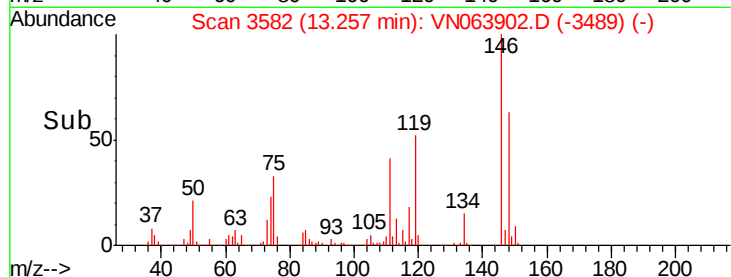
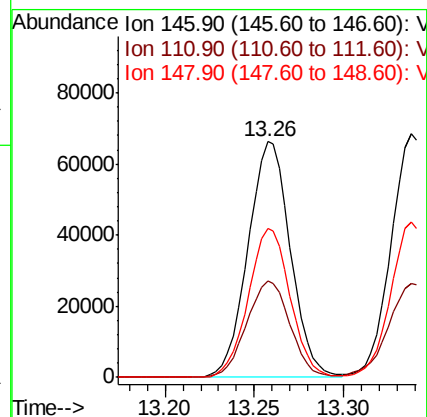
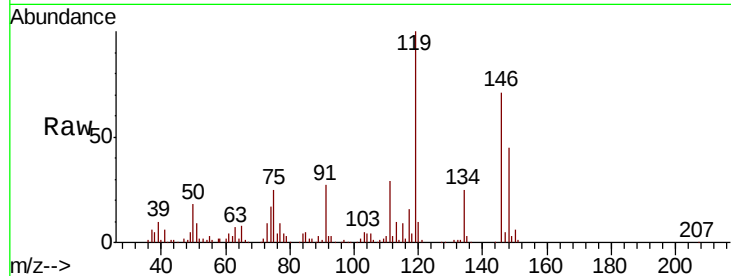
Tot Ion:146 Resp: 109966

Ion Ratio Lower Upper

146 100

111 41.8 21.5 64.5

148 62.3 31.1 93.3



#88

1,4-Dichlorobenzene

Concen: 17.628 ug/l

RT: 13.34 min Scan# 3607

Delta R.T. 0.00 min

Lab File: VN063902.D

Acq: 6 Oct 2020 18:44

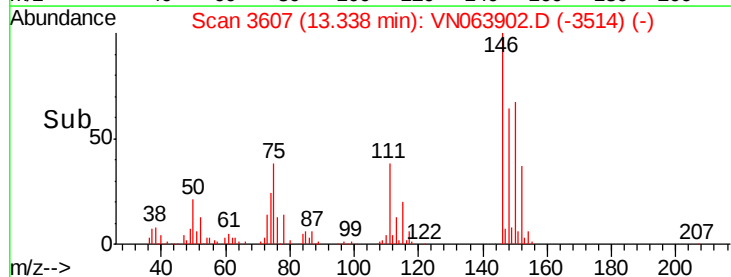
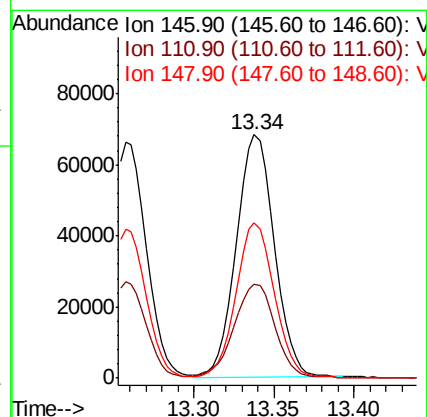
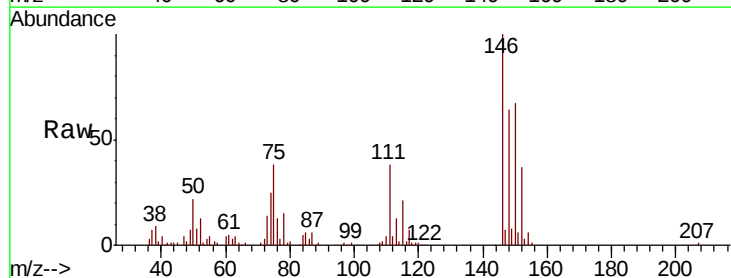
Tgt Ion:146 Resp: 110574

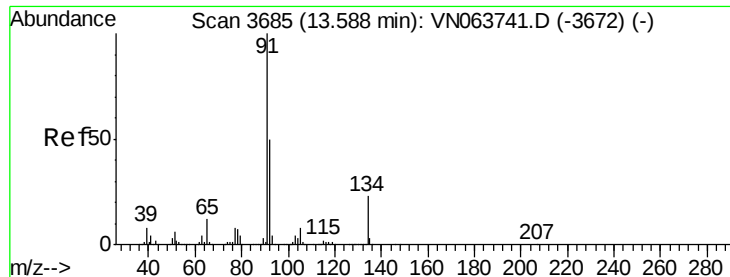
Ion Ratio Lower Upper

146 100

111 42.2 21.3 63.7

148 63.9 32.0 96.0





#89

n-Butylbenzene

Concen: 15.930 ug/l

RT: 13.59 min Scan# 3686

Delta R.T. 0.00 min

Lab File: VN063902.D

Acq: 6 Oct 2020 18:44

Instrument :

MSVOA_N

ClientSampled :

VN1006WBS02

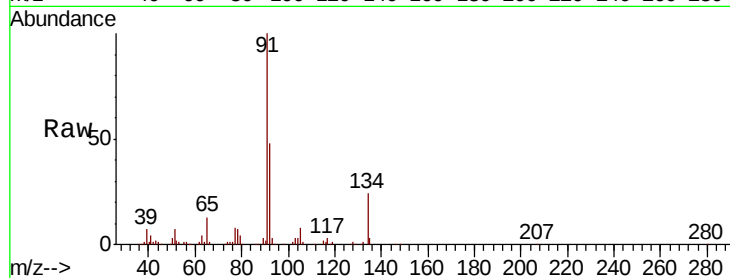
Tot Ion: 91 Resp: 159097

Ion Ratio Lower Upper

91 100

92 50.1 25.4 76.4

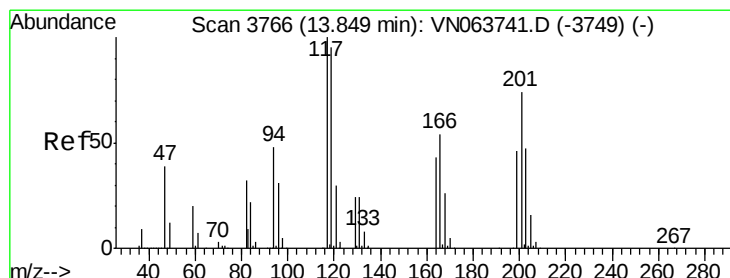
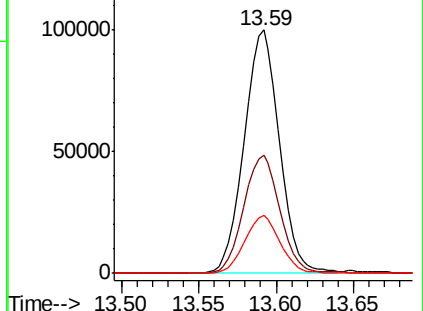
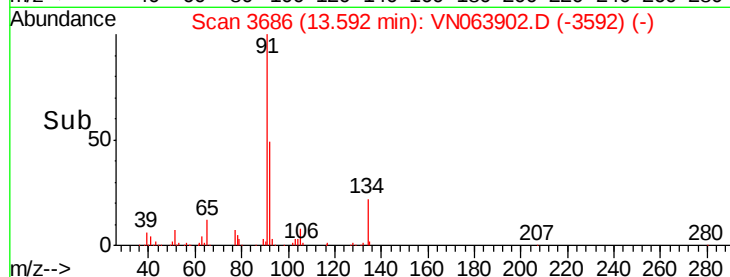
134 23.7 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VN063741.D (-3672) (-)

Ion 92.00 (91.70 to 92.70): VN063741.D (-3672) (-)

Ion 134.00 (133.70 to 134.70): VN063741.D (-3672) (-)



#90

Hexachloroethane

Concen: 17.202 ug/l

RT: 13.85 min Scan# 3765

Delta R.T. -0.00 min

Lab File: VN063902.D

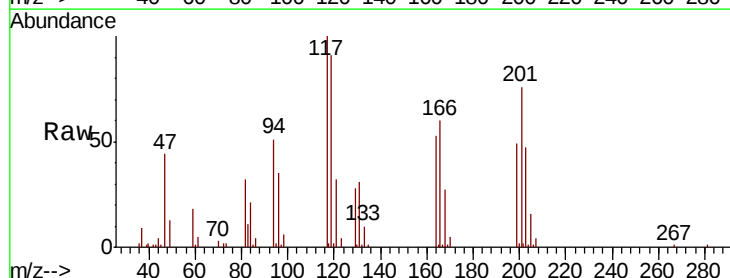
Acq: 6 Oct 2020 18:44

Tgt Ion: 117 Resp: 36070

Ion Ratio Lower Upper

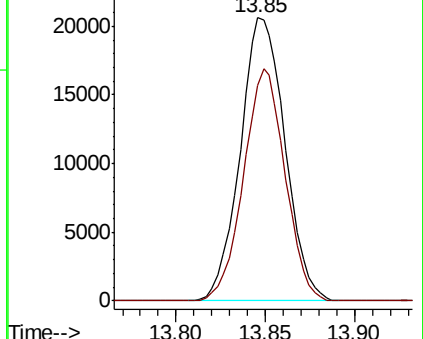
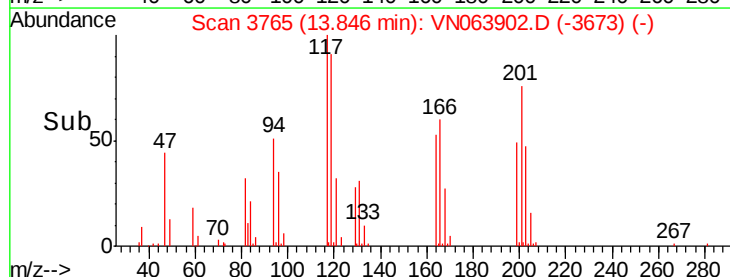
117 100

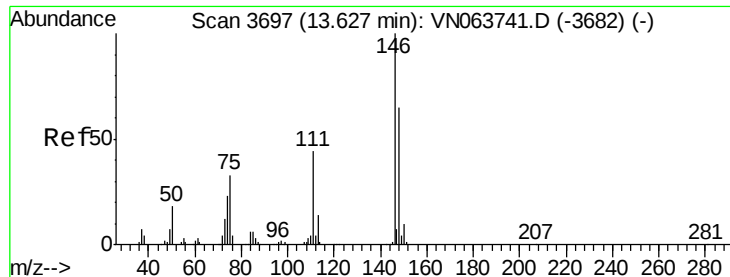
201 76.0 36.0 108.0



Abundance Ion 116.80 (116.50 to 117.50): VN063741.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN063741.D (-3749) (-)

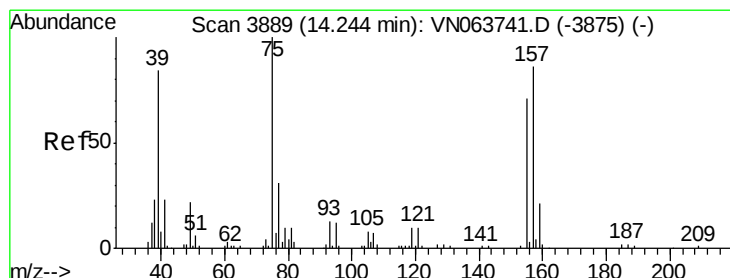
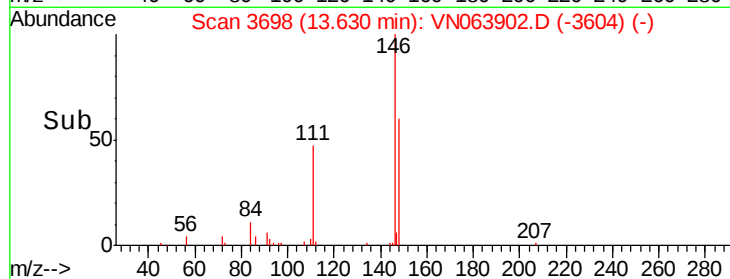
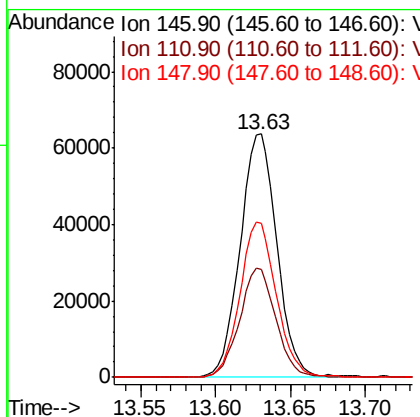
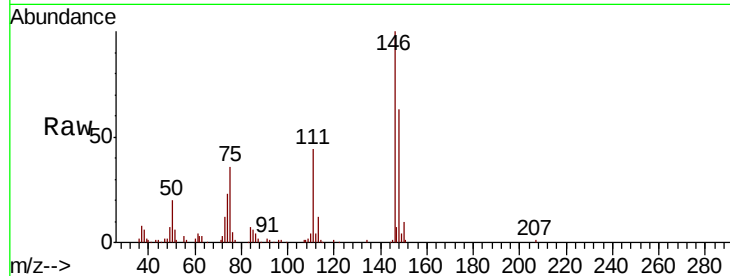




#91
 1,2-Dichlorobenzene
 Concen: 18.234 ug/l
 RT: 13.63 min Scan# 3698
 Delta R.T. 0.00 min
 Lab File: VN063902.D
 Acq: 6 Oct 2020 18:44

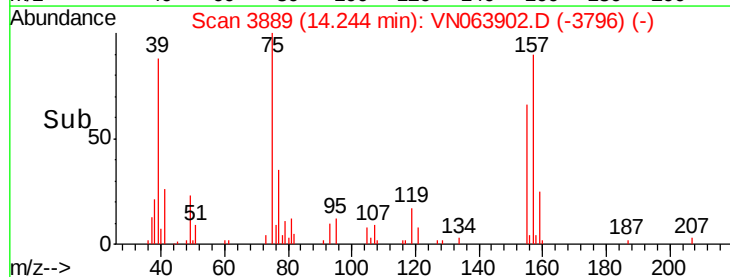
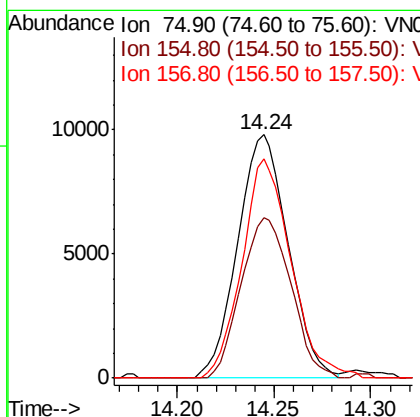
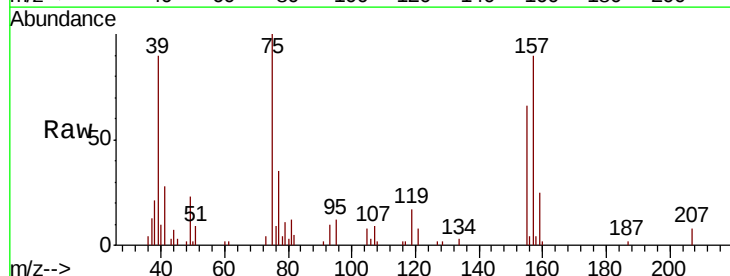
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1006WBS02

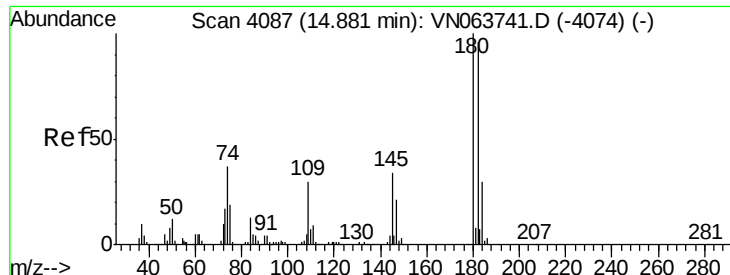
Tot Ion	Ratio	Lower	Upper
146	100		
111	44.2	22.2	66.6
148	63.4	32.5	97.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.343 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063902.D
 Acq: 6 Oct 2020 18:44

Tgt Ion	Ratio	Lower	Upper
75	100		
155	65.1	34.8	104.5
157	87.3	43.7	131.1

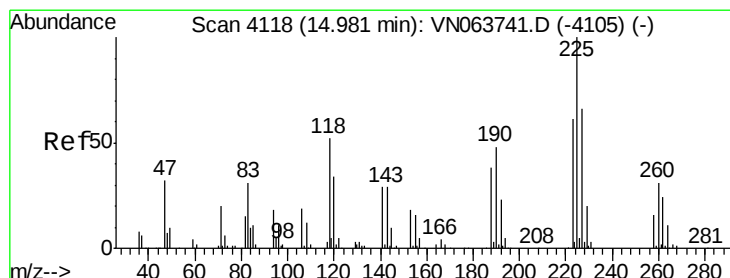
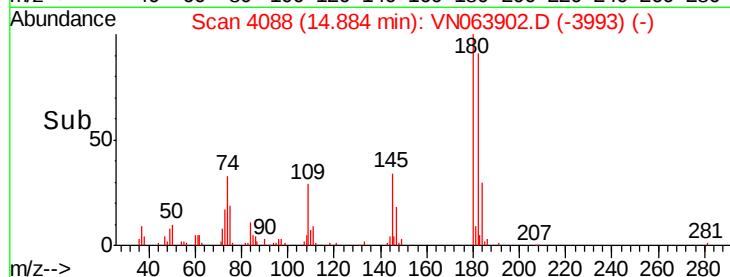
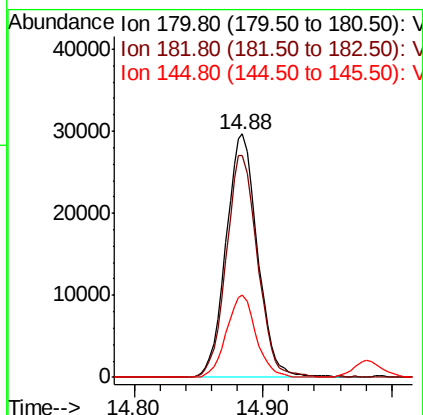
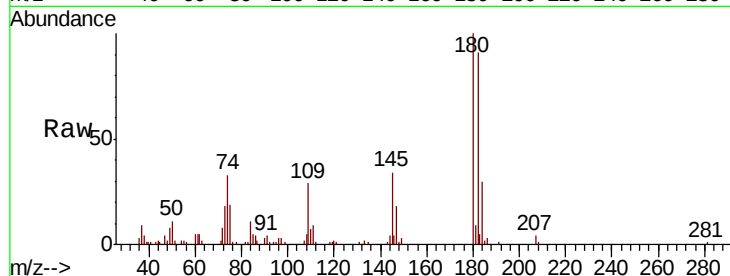




#93
 1,2,4-Trichlorobenzene
 Concen: 16.633 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063902.D
 Acq: 6 Oct 2020 18:44

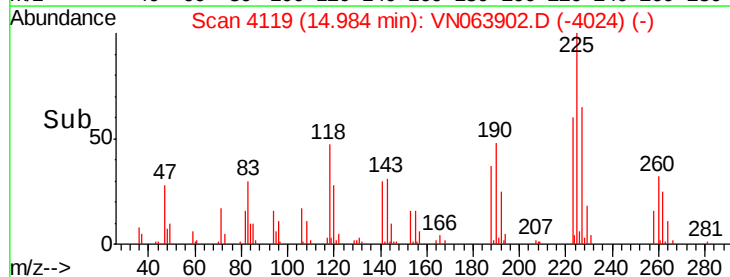
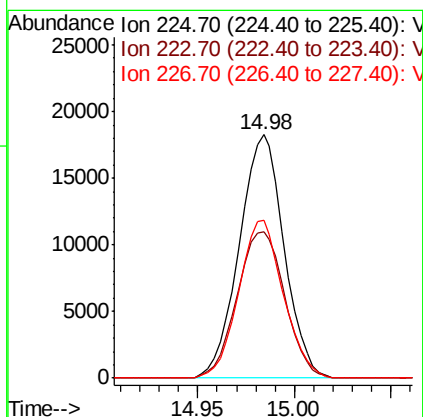
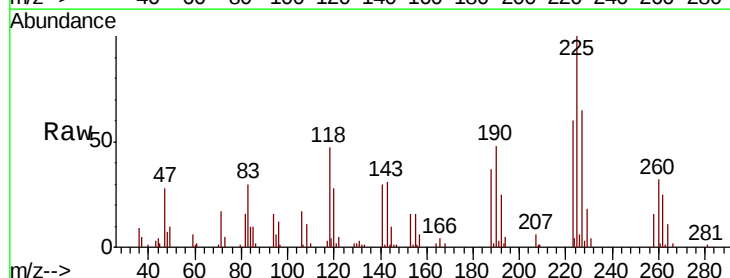
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1006WBS02

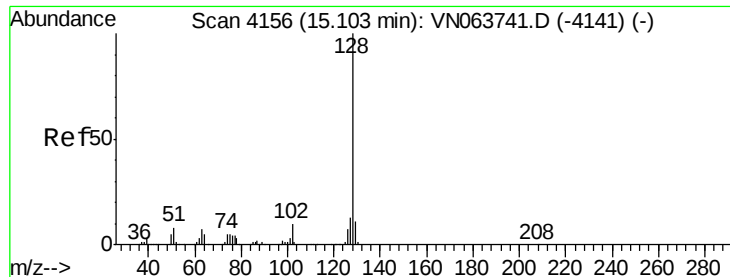
Tot Ion:180 Resp: 50071
 Ion Ratio Lower Upper
 180 100
 182 90.8 48.2 144.6
 145 31.9 17.1 51.2



#94
 Hexachlorobutadiene
 Concen: 18.186 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN063902.D
 Acq: 6 Oct 2020 18:44

Tgt Ion:225 Resp: 29353
 Ion Ratio Lower Upper
 225 100
 223 64.1 30.3 91.0
 227 64.6 31.9 95.5

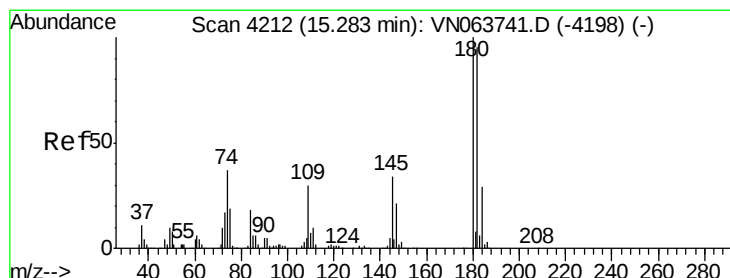
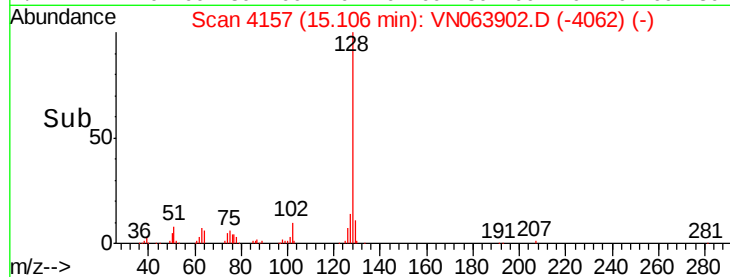
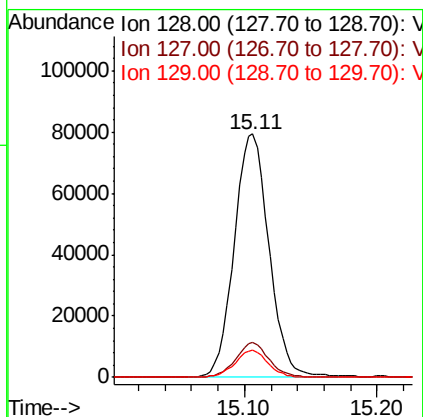
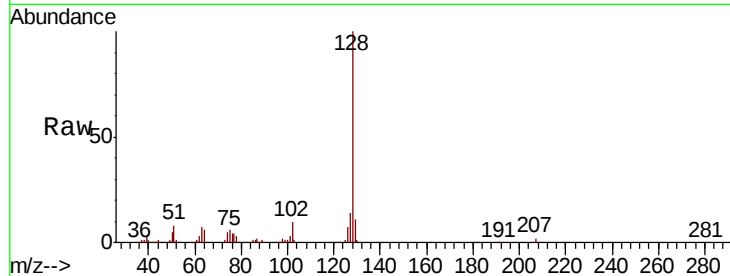




#95
Naphthalene
Concen: 15.776 ug/l
RT: 15.11 min Scan# 4157
Delta R.T. 0.00 min
Lab File: VN063902.D
Acq: 6 Oct 2020 18:44

Instrument :
MSVOA_N
ClientSampled :
VN1006WBS02

Tot Ion:128 Resp: 144625
Ion Ratio Lower Upper
128 100
127 13.6 10.5 15.7
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 16.836 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN063902.D
Acq: 6 Oct 2020 18:44

Tgt Ion:180 Resp: 49602
Ion Ratio Lower Upper
180 100
182 91.0 47.9 143.6
145 32.8 17.2 51.5

