

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN093020\
 Data File : VN063748.D
 Acq On : 30 Sep 2020 14:44
 Operator : JC/MD
 Sample : VN0930MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0930MBS01

Quant Time: Oct 01 02:13:30 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	250529	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	411012	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	387404	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	184223	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	209791	50.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.38%	
35) Dibromofluoromethane	7.55	113	141209	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
50) Toluene-d8	10.06	98	525935	48.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.30%	
62) 4-Bromofluorobenzene	12.38	95	196822	48.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	48593	18.382	ug/l	97
3) Chloromethane	2.04	50	55709	17.960	ug/l	96
4) Vinyl Chloride	2.16	62	56318	18.088	ug/l	97
5) Bromomethane	2.53	94	36415	18.594	ug/l	88
6) Chloroethane	2.67	64	36094	19.400	ug/l	97
7) Trichlorofluoromethane	2.98	101	90668	18.361	ug/l	99
8) Diethyl Ether	3.37	74	33275	19.925	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	47767	18.098	ug/l	98
10) Methyl Iodide	3.91	142	55445	18.092	ug/l	98
11) Tert butyl alcohol	4.73	59	49253	107.787	ug/l	99
12) 1,1-Dichloroethene	3.70	96	46344	18.370	ug/l	95
13) Acrolein	3.57	56	28687	102.289	ug/l	98
14) Allyl chloride	4.27	41	91736	19.573	ug/l	95
15) Acrylonitrile	4.93	53	131317	100.396	ug/l	99
16) Acetone	3.77	43	120850	94.852	ug/l	98
17) Carbon Disulfide	4.01	76	126598	19.007	ug/l	99
18) Methyl Acetate	4.27	43	65949	19.936	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	178623	19.489	ug/l	99
20) Methylene Chloride	4.51	84	58285	20.031	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	49844	17.639	ug/l	97
22) Diisopropyl ether	5.90	45	187611	19.456	ug/l	99
23) Vinyl Acetate	5.84	43	796179	99.675	ug/l	99
24) 1,1-Dichloroethane	5.80	63	104617	18.975	ug/l	98
25) 2-Butanone	6.78	43	184280	102.018	ug/l	99
26) 2,2-Dichloropropane	6.78	77	89930	17.811	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	61043	18.783	ug/l	97
28) Bromochloromethane	7.15	49	53235	19.535	ug/l	96
29) Tetrahydrofuran	7.16	42	122014	100.713	ug/l	99
30) Chloroform	7.33	83	109019	18.964	ug/l	98
31) Cyclohexane	7.61	56	88291	18.375	ug/l	97
32) 1,1,1-Trichloroethane	7.52	97	96964	18.700	ug/l	100
36) 1,1-Dichloropropene	7.75	75	77518	18.616	ug/l	99
37) Ethyl Acetate	6.88	43	81372	19.670	ug/l	99
38) Carbon Tetrachloride	7.73	117	84620	18.123	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	74466	17.933	ug/l	94
40) Benzene	8.00	78	224777	18.900	ug/l	99
41) Methacrylonitrile	7.16	41	118240	64.309	ug/l #	23
42) 1,2-Dichloroethane	8.09	62	99553	19.609	ug/l	98
43) Isopropyl Acetate	8.13	43	142095	20.824	ug/l	99
44) Trichloroethene	8.80	130	58632	18.815	ug/l	98
45) 1,2-Dichloropropane	9.08	63	61510	19.150	ug/l	99
46) Dibromomethane	9.17	93	43764	19.751	ug/l	96
47) Bromodichloromethane	9.37	83	87116	19.077	ug/l	99
48) Methyl methacrylate	9.16	41	65591	19.455	ug/l	99
49) 1,4-Dioxane	9.17	88	20446	426.721	ug/l	93
51) 4-Methyl-2-Pentanone	9.95	43	408248	101.948	ug/l	99
52) Toluene	10.13	92	142552	19.378	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	92211	18.837	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	98924	19.323	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	58337	19.774	ug/l	95
56) Ethyl methacrylate	10.40	69	83142	19.882	ug/l	99
57) 1,3-Dichloropropane	10.68	76	99871	20.009	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	234703	104.925	ug/l	100
59) 2-Hexanone	10.72	43	298599	100.377	ug/l	99
60) Dibromochloromethane	10.87	129	64589	18.799	ug/l	95
61) 1,2-Dibromoethane	10.98	107	59854	19.834	ug/l	99
64) Tetrachloroethene	10.60	164	55062	18.371	ug/l	95
65) Chlorobenzene	11.41	112	152248	19.158	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	56981	18.703	ug/l	98
67) Ethyl Benzene	11.48	91	273102	18.886	ug/l	99
68) m/p-Xylenes	11.59	106	203346	37.731	ug/l	100
69) o-Xylene	11.92	106	94976	18.855	ug/l	97
70) Styrene	11.94	104	159340	18.635	ug/l	99
71) Bromoform	12.10	173	42206	18.114	ug/l #	99
73) Isopropylbenzene	12.23	105	259949	19.346	ug/l	99
74) N-amyl acetate	12.05	43	113118	19.526	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	81806	19.909	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	115025	28.324	ug/l #	100
77) Bromobenzene	12.50	156	64450	19.547	ug/l	99
78) n-propylbenzene	12.57	91	300765	19.233	ug/l	99
79) 2-Chlorotoluene	12.65	91	184487	19.182	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	219381	19.461	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	26127	18.530	ug/l	93
82) 4-Chlorotoluene	12.75	91	193584	19.389	ug/l	99
83) tert-Butylbenzene	12.97	119	174448	18.918	ug/l	97
84) 1,2,4-Trimethylbenzene	13.02	105	222339	19.755	ug/l	100
85) sec-Butylbenzene	13.15	105	234744	19.382	ug/l	99
86) p-Isopropyltoluene	13.26	119	208980	19.505	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	112845	18.918	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	114881	18.497	ug/l	99
89) n-Butylbenzene	13.59	91	187803	18.991	ug/l	99
90) Hexachloroethane	13.85	117	37640	18.129	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	113834	19.267	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.24	75	18650	19.354	ug/l	97

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Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 2020
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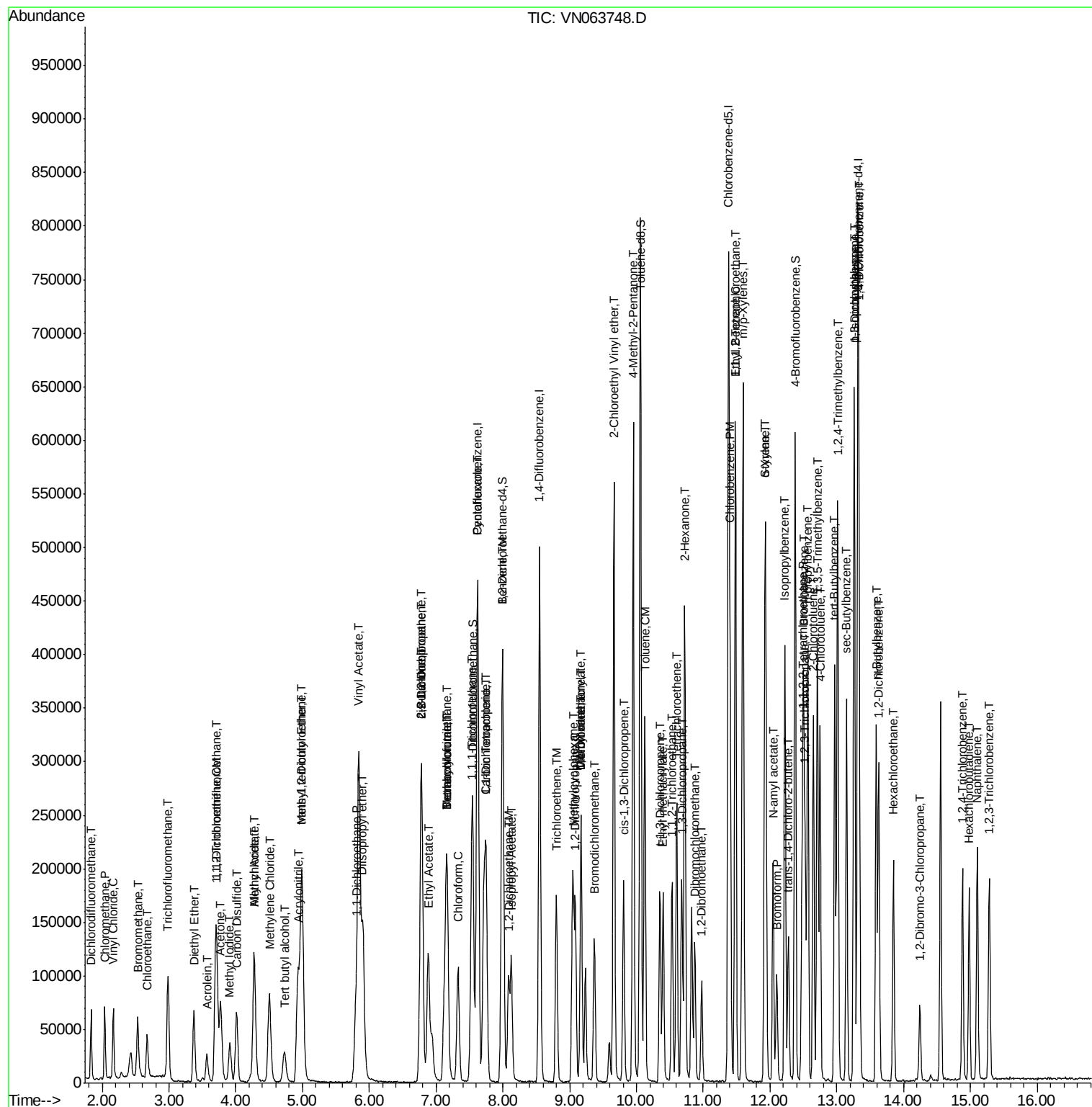
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	56930	18.842	ug/l	99
94) Hexachlorobutadiene	14.98	225	30414	19.028	ug/l	97
95) Naphthalene	15.11	128	180052	19.341	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	56512	19.136	ug/l	97

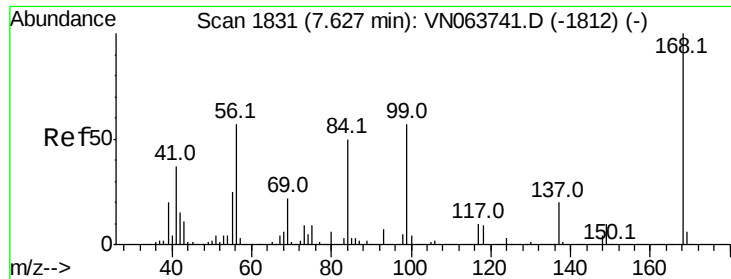
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN063748.D

Acq: 30 Sep 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

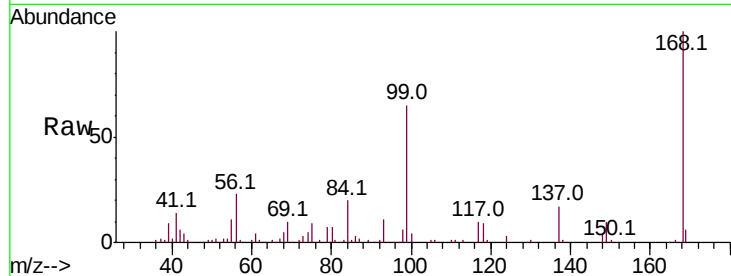
VN0930MBS01

Tot Ion:168 Resp: 250529

Ion Ratio Lower Upper

168 100

99 64.3 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

120000

100000

80000

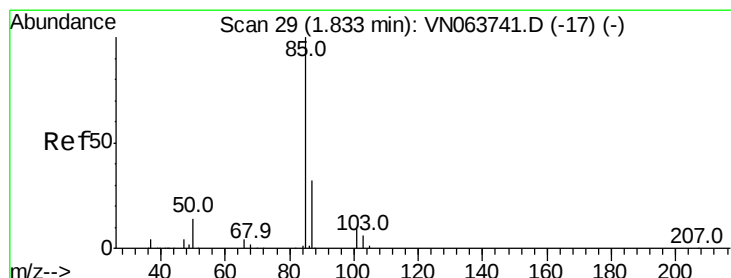
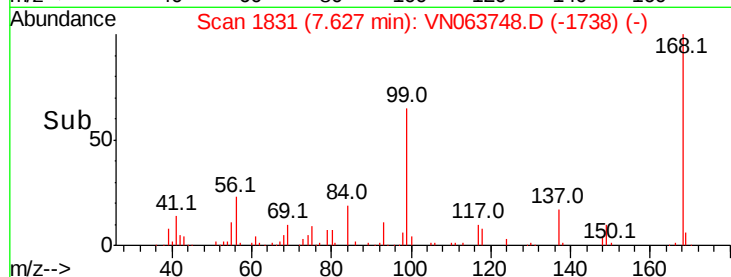
60000

40000

20000

0

Time--> 7.50 7.55 7.60 7.65 7.70



#2

Dichlorodifluoromethane

Concen: 18.382 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063748.D

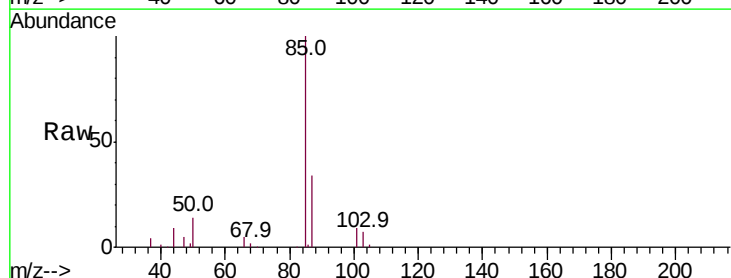
Acq: 30 Sep 2020 14:44

Tgt Ion: 85 Resp: 48593

Ion Ratio Lower Upper

85 100

87 34.0 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

40000

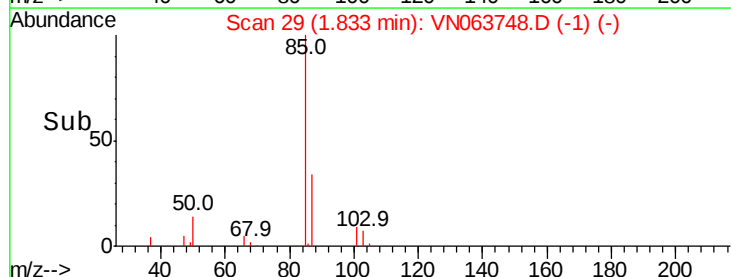
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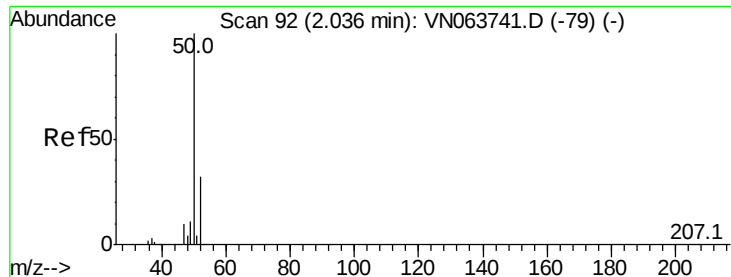
20000

10000

0

Time--> 1.75 1.80 1.85 1.90

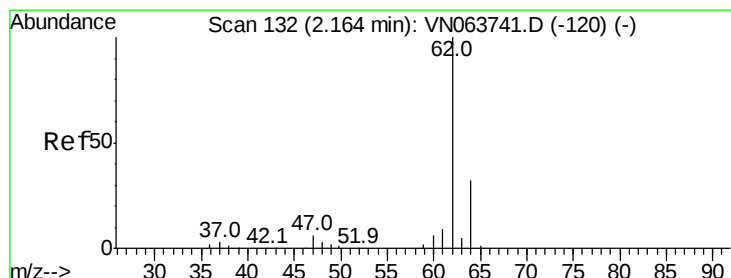
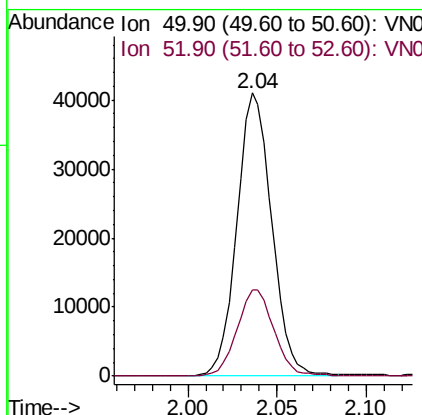
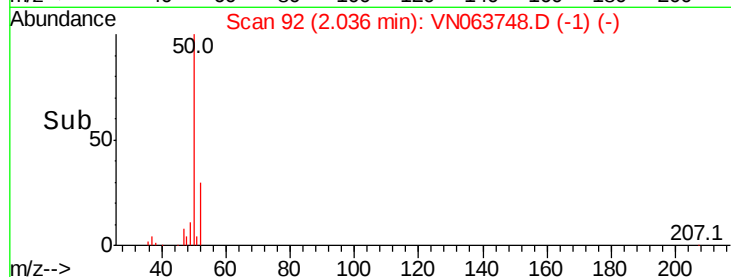
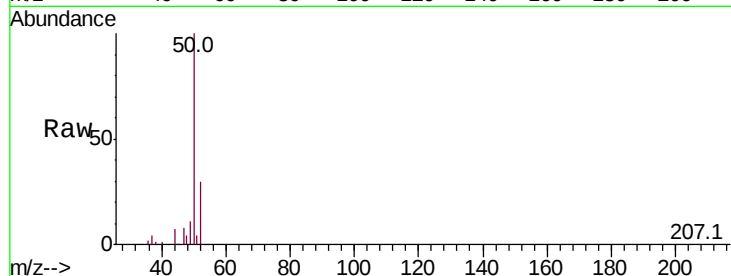




#3
Chloromethane
Concen: 17.960 ug/l
RT: 2.04 min Scan# 92
Delta R.T. 0.00 min
Lab File: VN063748.D
Acq: 30 Sep 2020 14:44

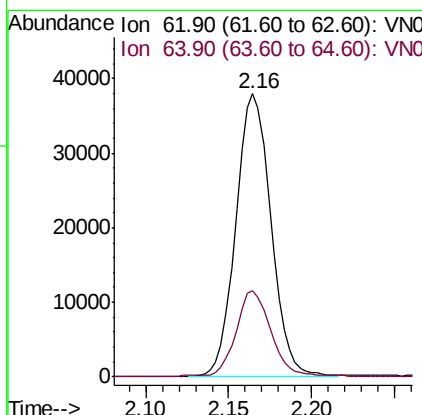
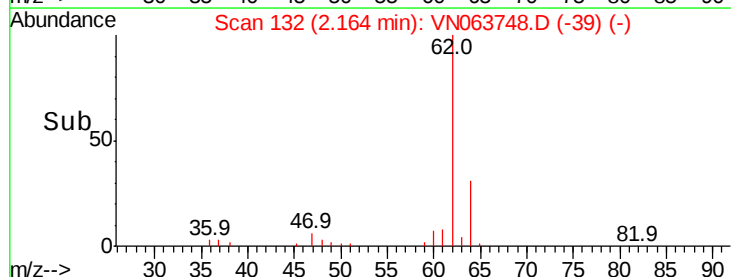
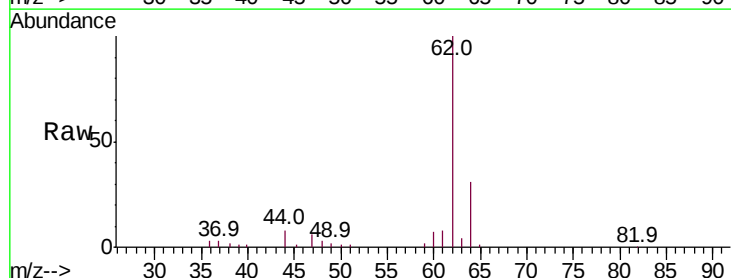
Instrument :
MSVOA_N
ClientSampleId :
VN0930MBS01

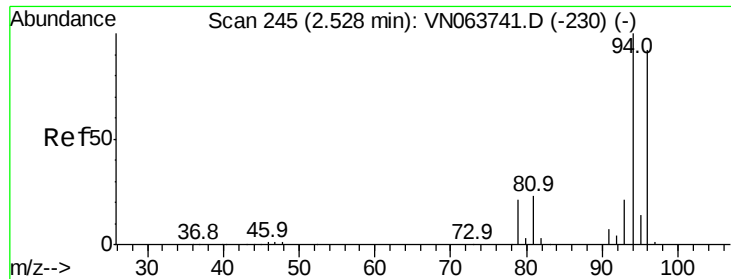
Tot Ion: 50 Resp: 55709
Ion Ratio Lower Upper
50 100
52 30.3 25.8 38.8



#4
Vinyl Chloride
Concen: 18.088 ug/l
RT: 2.16 min Scan# 132
Delta R.T. 0.00 min
Lab File: VN063748.D
Acq: 30 Sep 2020 14:44

Tgt Ion: 62 Resp: 56318
Ion Ratio Lower Upper
62 100
64 30.2 25.6 38.4

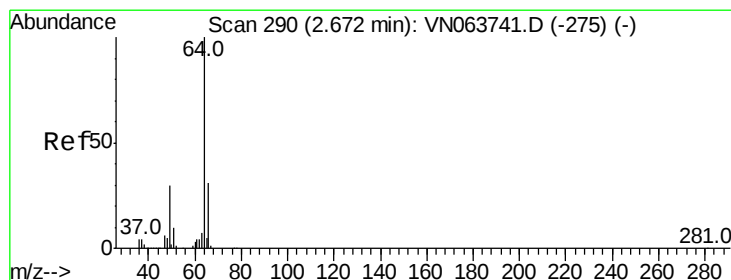
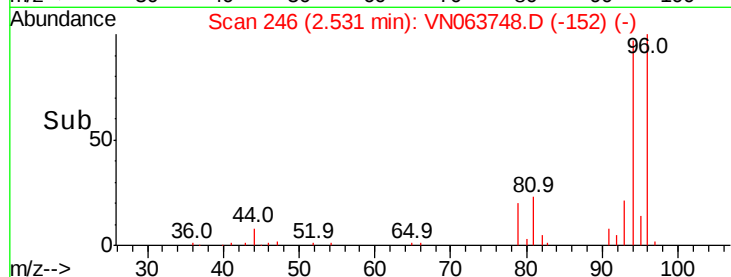
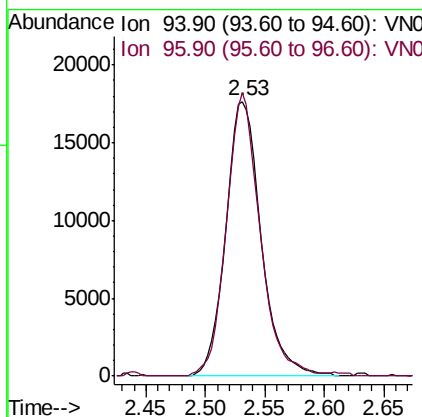
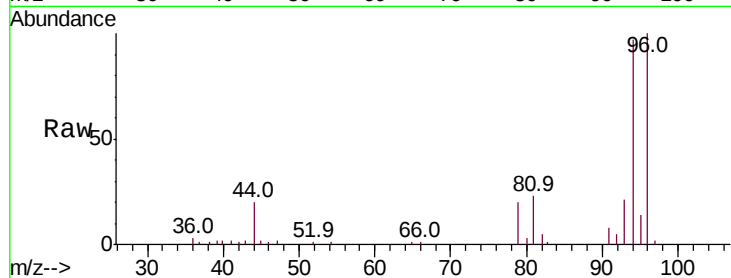




#5
Bromomethane
Concen: 18.594 ug/l
RT: 2.53 min Scan# 246
Delta R.T. 0.00 min
Lab File: VN063748.D
Acq: 30 Sep 2020 14:44

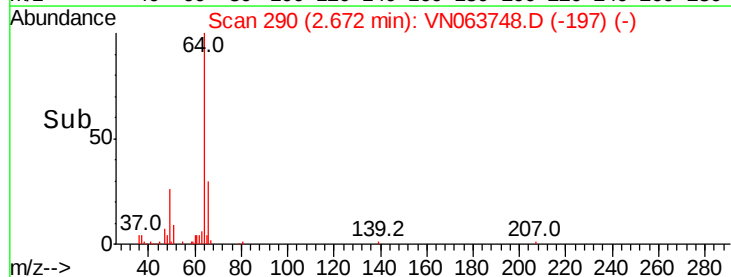
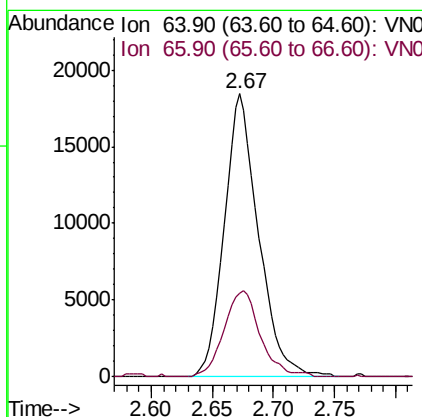
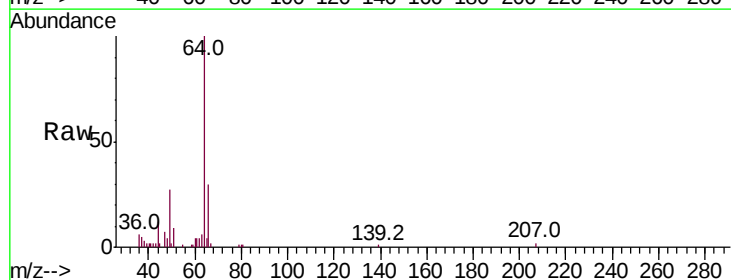
Instrument :
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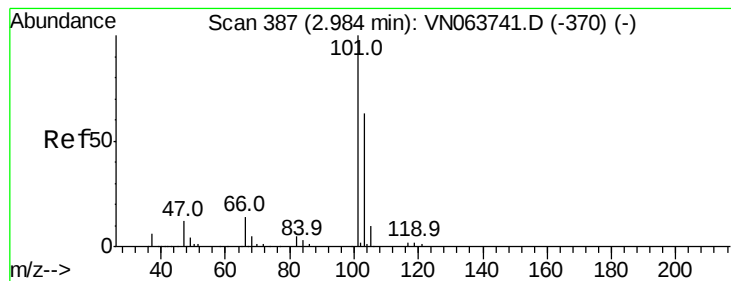
Tot Ion: 94 Resp: 36415
Ion Ratio Lower Upper
94 100
96 103.0 73.3 109.9



#6
Chloroethane
Concen: 19.400 ug/l
RT: 2.67 min Scan# 290
Delta R.T. 0.00 min
Lab File: VN063748.D
Acq: 30 Sep 2020 14:44

Tgt Ion: 64 Resp: 36094
Ion Ratio Lower Upper
64 100
66 29.8 25.1 37.7



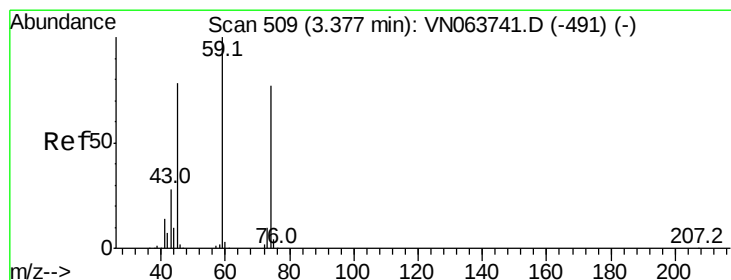
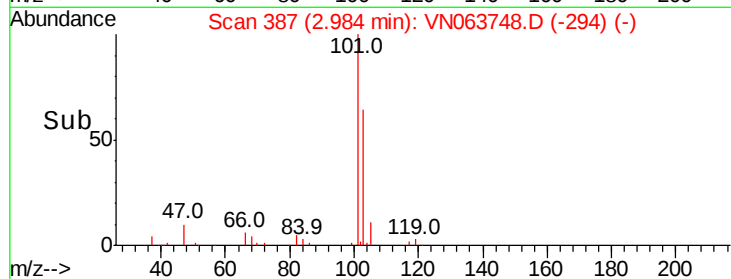
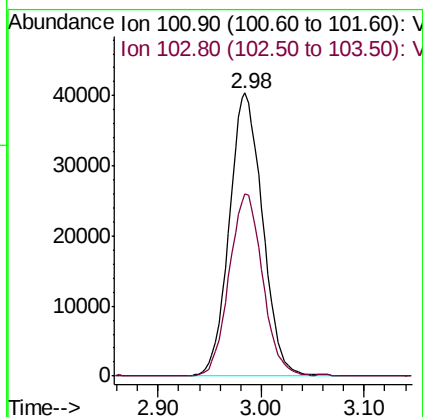
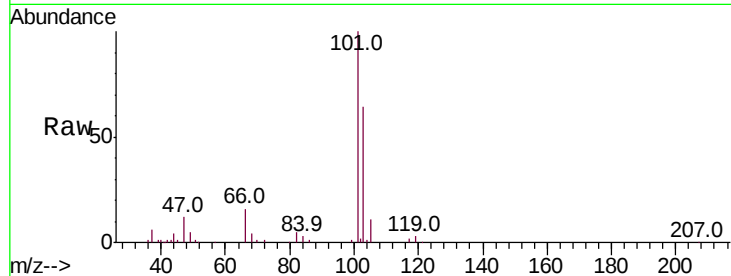


#7

Trichlorofluoromethane
 Concen: 18.361 ug/l
 RT: 2.98 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: VN063748.D
 Acq: 30 Sep 2020 14:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0930MBS01

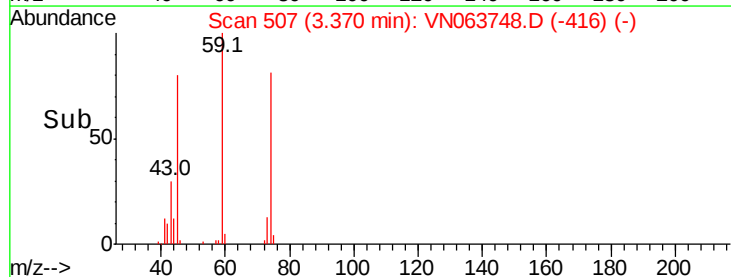
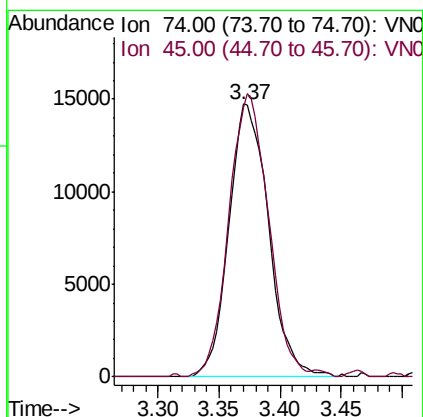
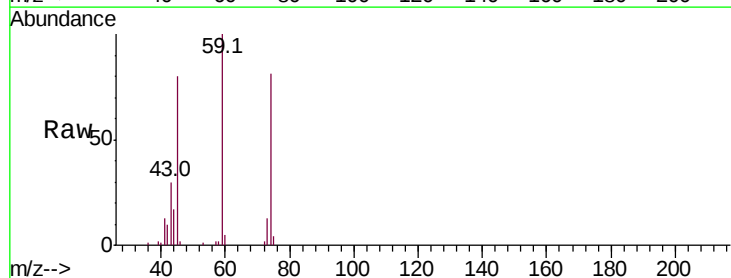
Tot Ion:101 Resp: 90668
 Ion Ratio Lower Upper
 101 100
 103 64.3 50.7 76.1

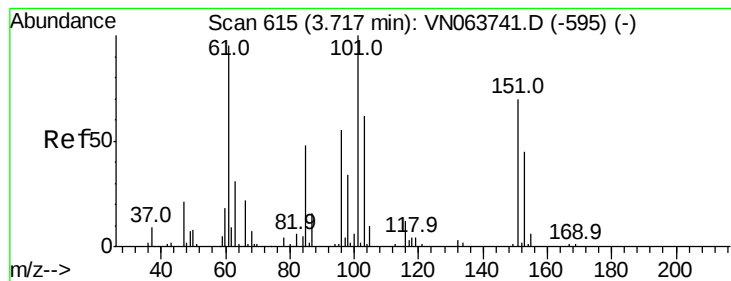


#8

Diethyl Ether
 Concen: 19.925 ug/l
 RT: 3.37 min Scan# 507
 Delta R.T. -0.01 min
 Lab File: VN063748.D
 Acq: 30 Sep 2020 14:44

Tgt Ion: 74 Resp: 33275
 Ion Ratio Lower Upper
 74 100
 45 103.5 50.9 152.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.098 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN063748.D

Acq: 30 Sep 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

VN0930MBS01

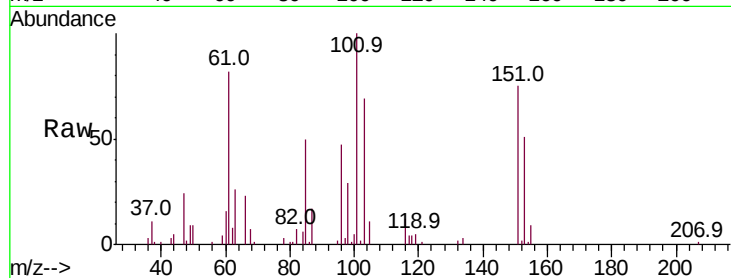
Tot Ion:101 Resp: 47767

Ion Ratio Lower Upper

101 100

85 49.2 38.6 58.0

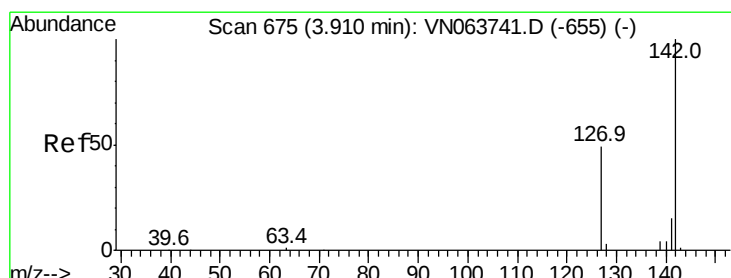
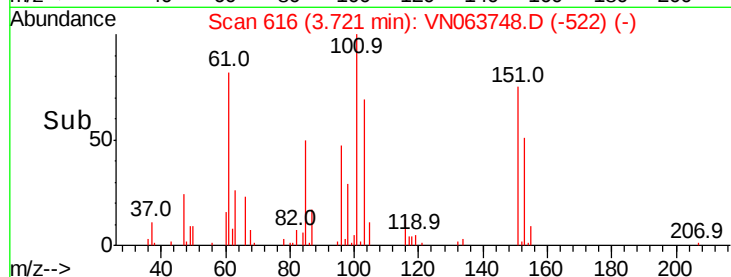
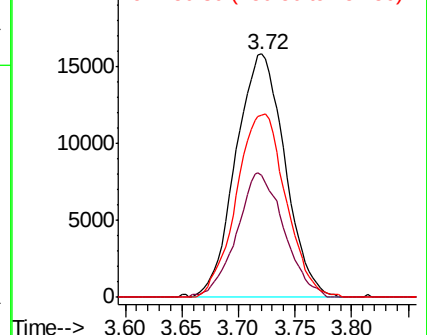
151 75.9 58.7 88.1



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: 18.092 ug/l

RT: 3.91 min Scan# 675

Delta R.T. 0.00 min

Lab File: VN063748.D

Acq: 30 Sep 2020 14:44

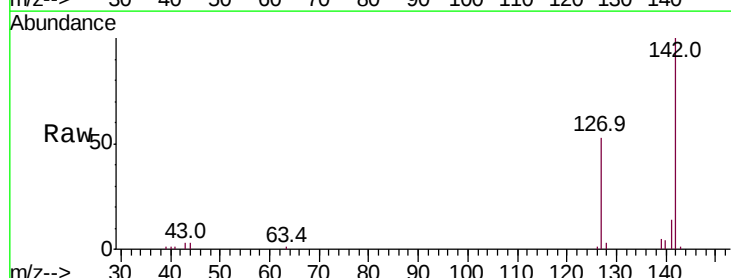
Tgt Ion:142 Resp: 55445

Ion Ratio Lower Upper

142 100

127 52.7 40.5 60.7

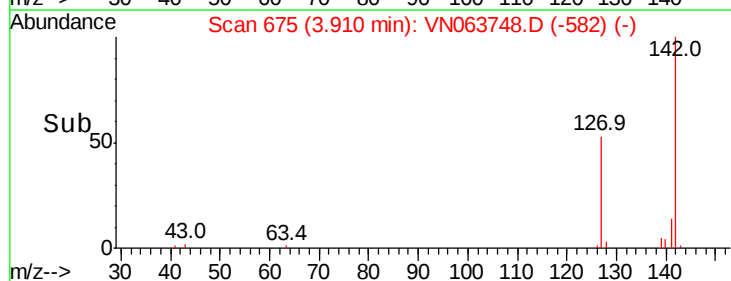
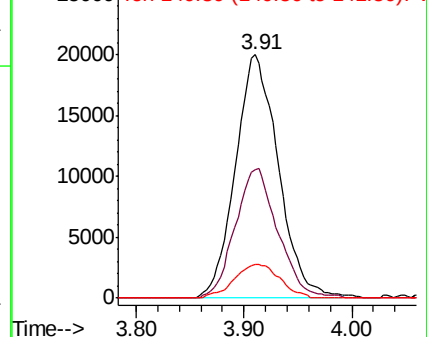
141 14.6 11.7 17.5

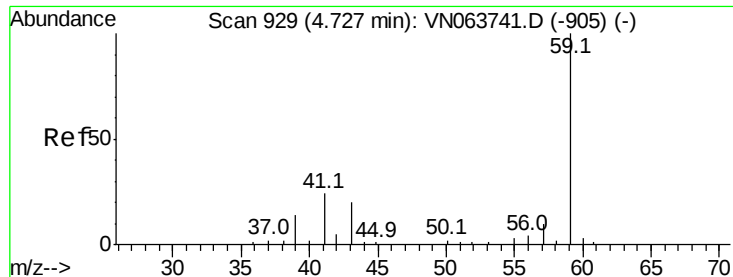


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

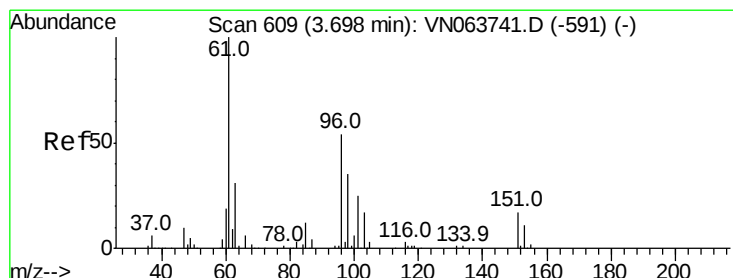
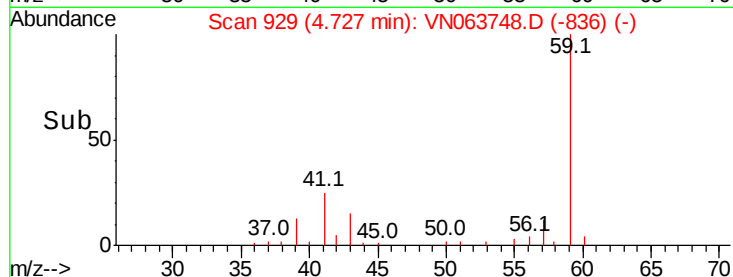
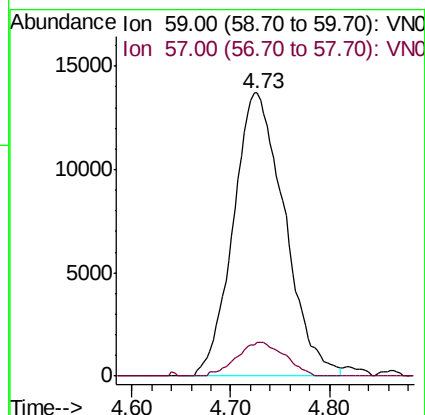
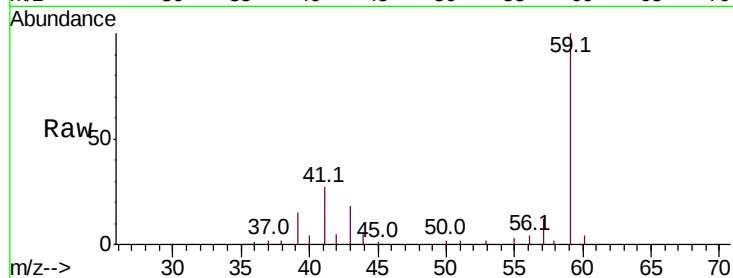




#11
Tert butyl alcohol
Concen: 107.787 ug/l
RT: 4.73 min Scan# 929
Delta R.T. 0.00 min
Lab File: VN063748.D
Acq: 30 Sep 2020 14:44

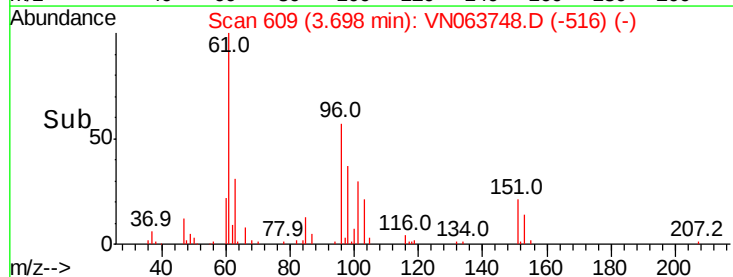
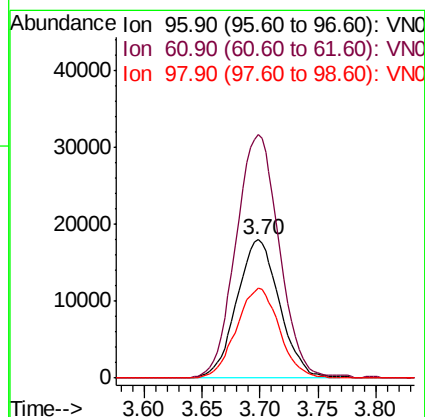
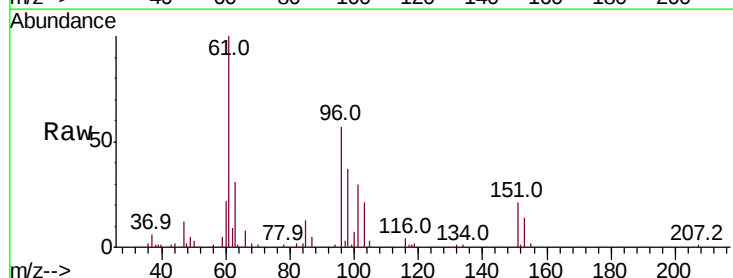
Instrument :
MSVOA_N
ClientSampled :
VN0930MBS01

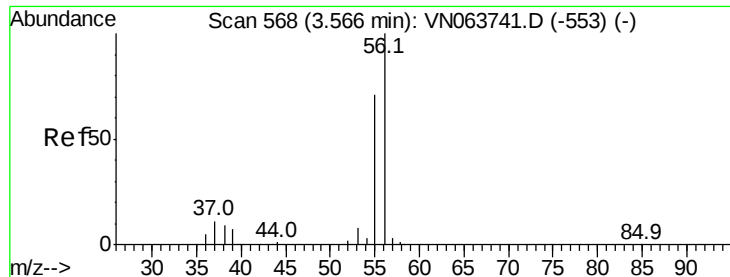
Tot Ion: 59 Resp: 49253
Ion Ratio Lower Upper
59 100
57 11.3 8.7 13.1



#12
1,1-Dichloroethene
Concen: 18.370 ug/l
RT: 3.70 min Scan# 609
Delta R.T. 0.00 min
Lab File: VN063748.D
Acq: 30 Sep 2020 14:44

Tgt Ion: 96 Resp: 46344
Ion Ratio Lower Upper
96 100
61 175.9 147.7 221.5
98 65.1 51.9 77.9





#13

Acrolein

Concen: 102.289 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN063748.D

Acq: 30 Sep 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

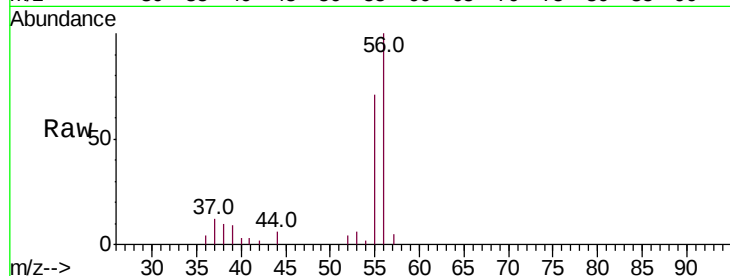
VN0930MBS01

Tot Ion: 56 Resp: 28687

Ion Ratio Lower Upper

56 100

55 72.7 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VN063748.D (-553) (-)

Ion 55.00 (54.70 to 55.70): VN063748.D (-553) (-)

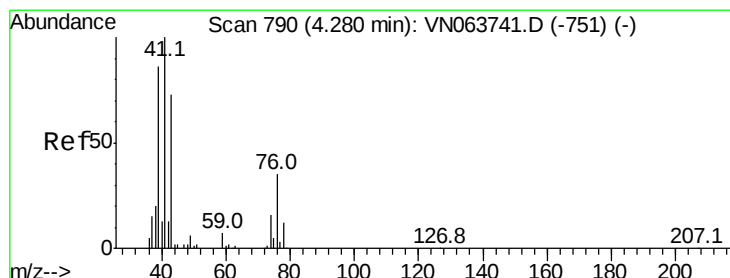
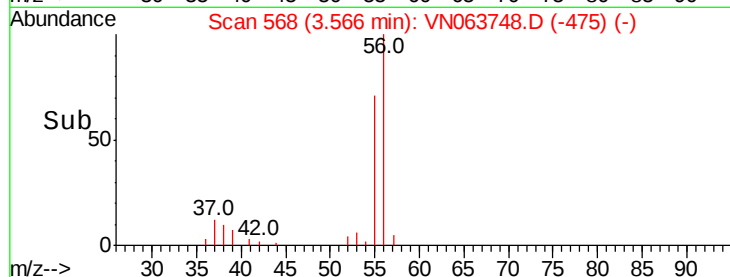
3.57

10000

5000

0

Time-->



#14

Allyl chloride

Concen: 19.573 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.01 min

Lab File: VN063748.D

Acq: 30 Sep 2020 14:44

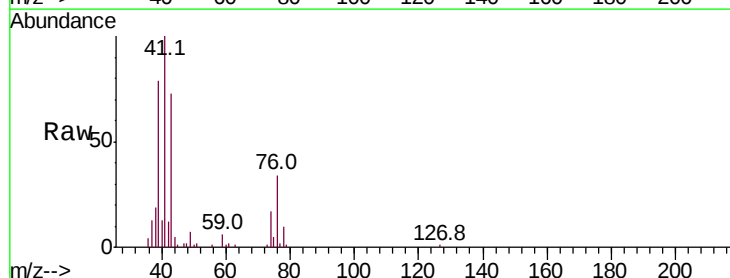
Tgt Ion: 41 Resp: 91736

Ion Ratio Lower Upper

41 100

39 75.6 64.5 96.7

76 30.7 25.9 38.9



Abundance Ion 41.00 (40.70 to 41.70): VN063748.D (-697) (-)

Ion 39.00 (38.70 to 39.70): VN063748.D (-697) (-)

Ion 75.90 (75.60 to 76.60): VN063748.D (-697) (-)

40000

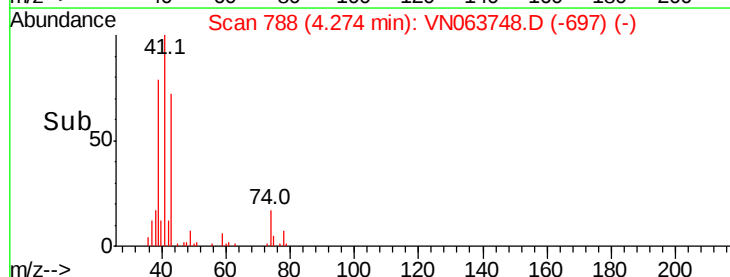
30000

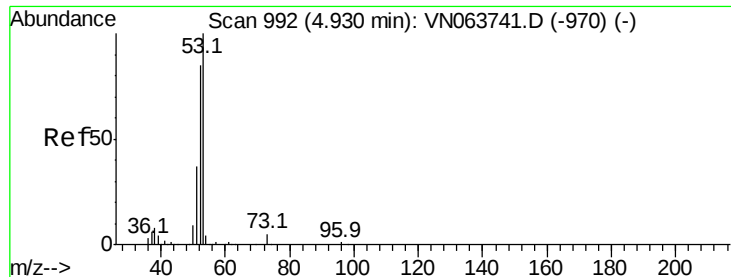
20000

10000

0

Time-->





#15

Acrylonitrile

Concen: 100.396 ug/l

RT: 4.93 min Scan# 992

Delta R.T. 0.00 min

Lab File: VN063748.D

Acq: 30 Sep 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

VN0930MBS01

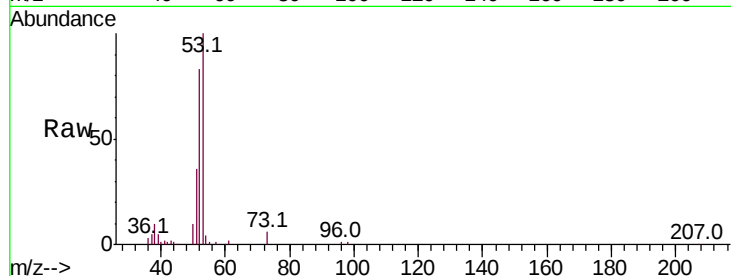
Tot Ion: 53 Resp: 131317

Ion Ratio Lower Upper

53 100

52 81.9 66.5 99.7

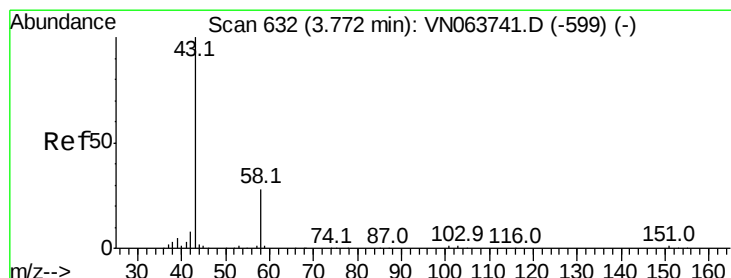
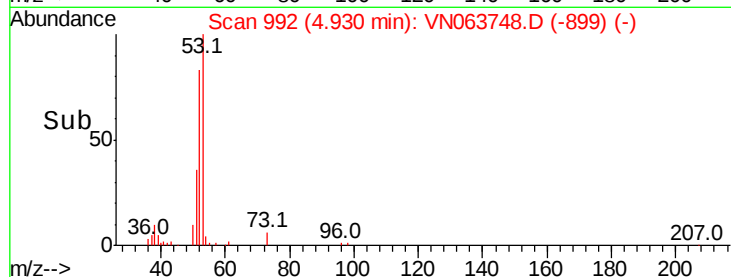
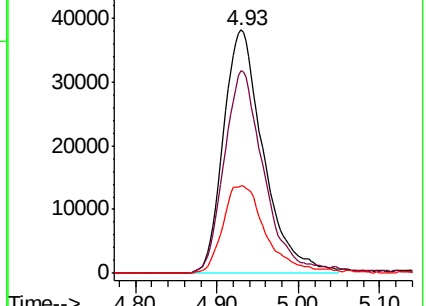
51 38.0 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 94.852 ug/l

RT: 3.77 min Scan# 632

Delta R.T. 0.00 min

Lab File: VN063748.D

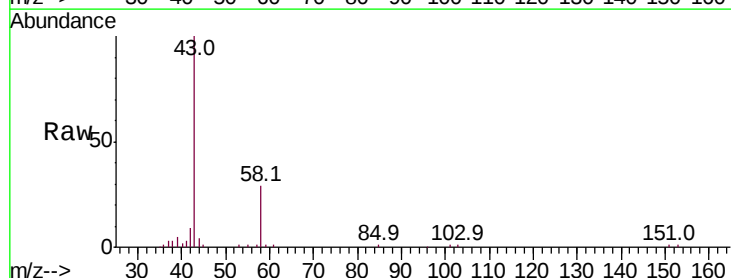
Acq: 30 Sep 2020 14:44

Tgt Ion: 43 Resp: 120850

Ion Ratio Lower Upper

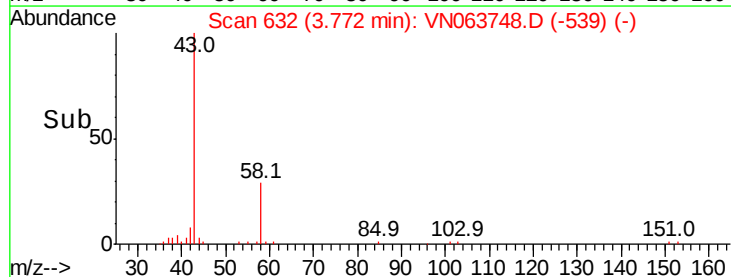
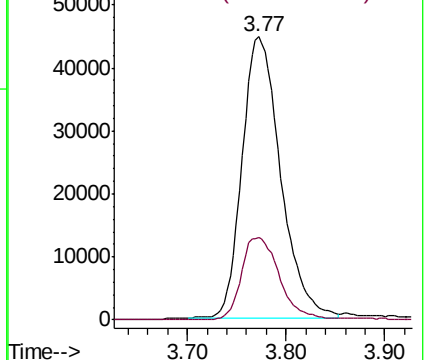
43 100

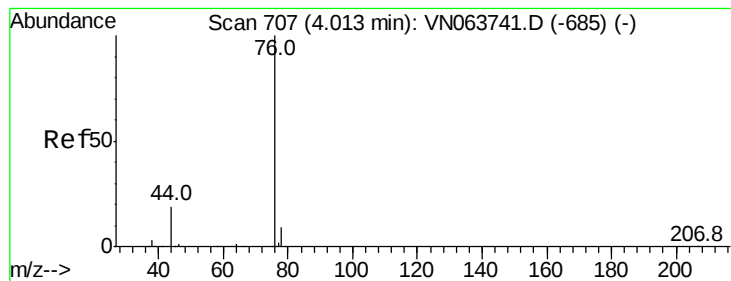
58 29.2 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 19.007 ug/l

RT: 4.01 min Scan# 707

Delta R.T. 0.00 min

Lab File: VN063748.D

Acq: 30 Sep 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

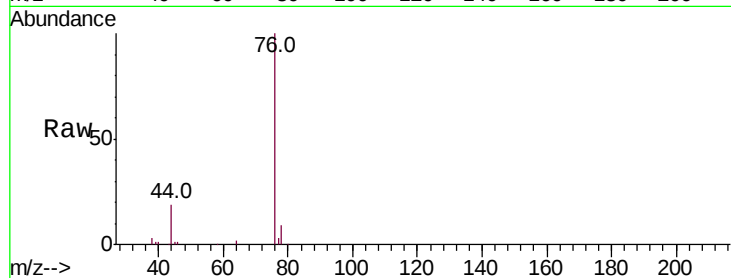
VN0930MBS01

Tot Ion: 76 Resp: 126598

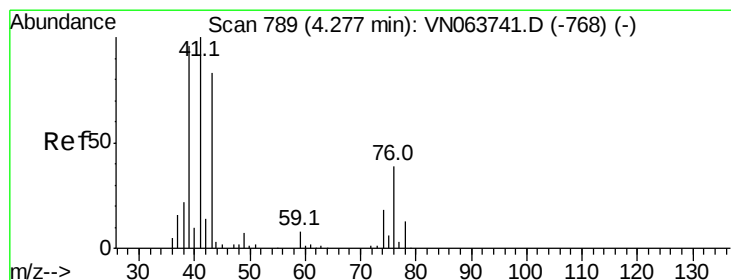
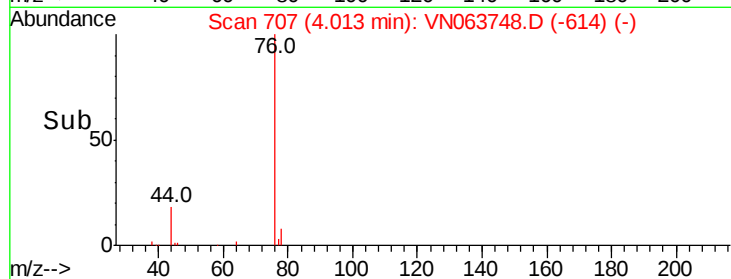
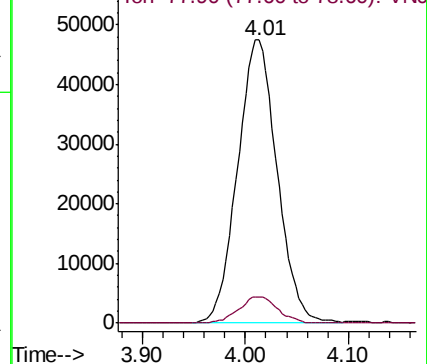
Ion Ratio Lower Upper

76 100

78 9.2 7.0 10.4



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



#18

Methyl Acetate

Concen: 19.936 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.00 min

Lab File: VN063748.D

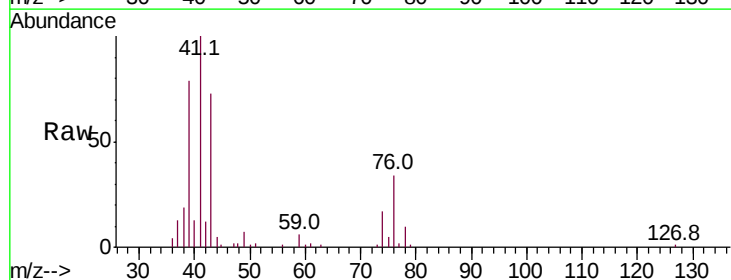
Acq: 30 Sep 2020 14:44

Tgt Ion: 43 Resp: 65949

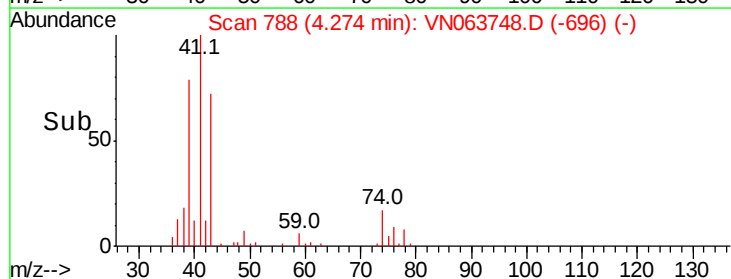
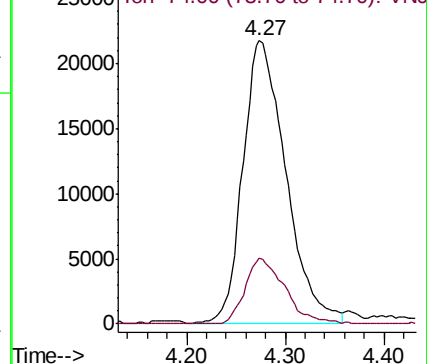
Ion Ratio Lower Upper

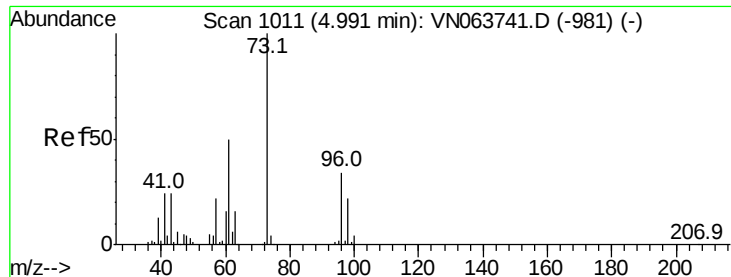
43 100

74 21.3 17.4 26.2



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

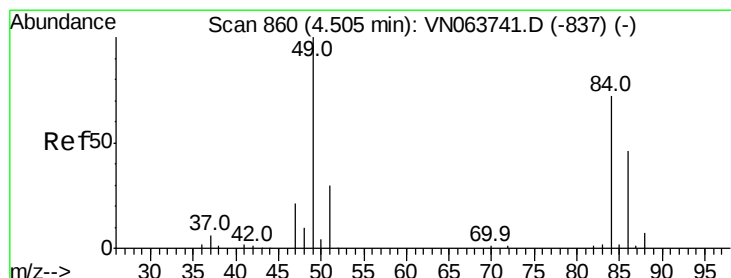
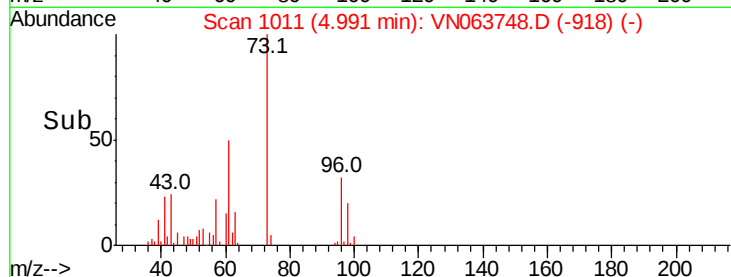
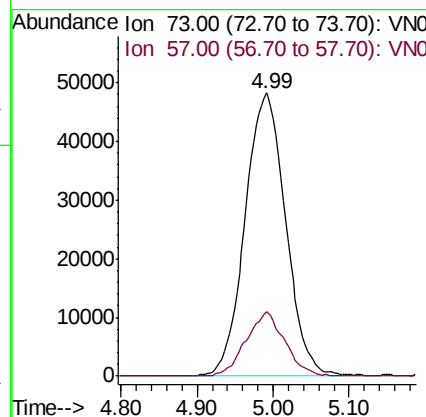
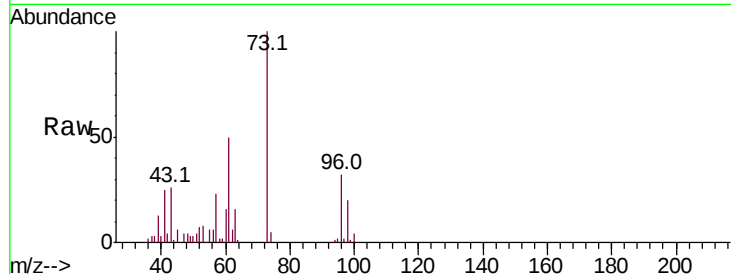




#19
Methvl tert-butvl Ether
Concen: 19.489 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063748.D
Acq: 30 Sep 2020 14:44

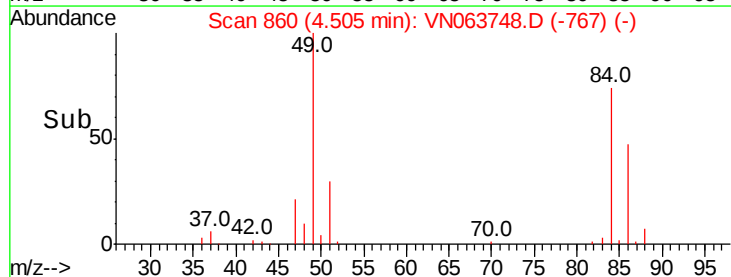
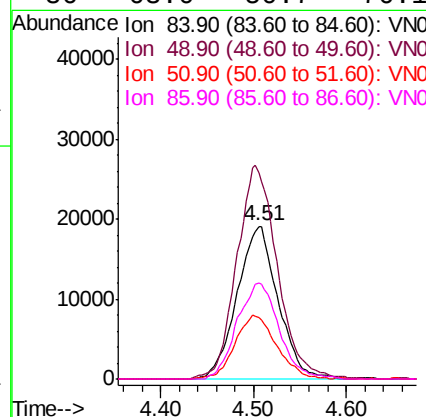
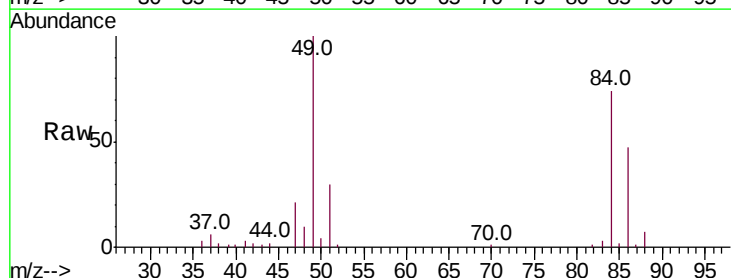
Instrument :
MSVOA_N
ClientSampled :
VN0930MBS01

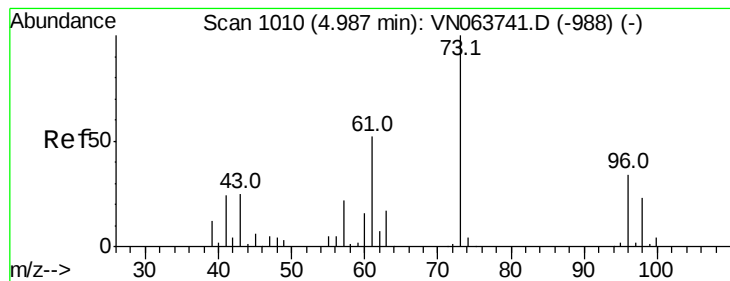
Tot Ion: 73 Resp: 178623
Ion Ratio Lower Upper
73 100
57 22.6 17.6 26.4



#20
Methylene Chloride
Concen: 20.031 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063748.D
Acq: 30 Sep 2020 14:44

Tgt Ion: 84 Resp: 58285
Ion Ratio Lower Upper
84 100
49 134.1 110.4 165.6
51 39.8 33.3 49.9
86 63.0 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 17.639 ug/l

RT: 4.99 min Scan# 1011

Delta R.T. 0.00 min

Lab File: VN063748.D

Acq: 30 Sep 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

VN0930MBS01

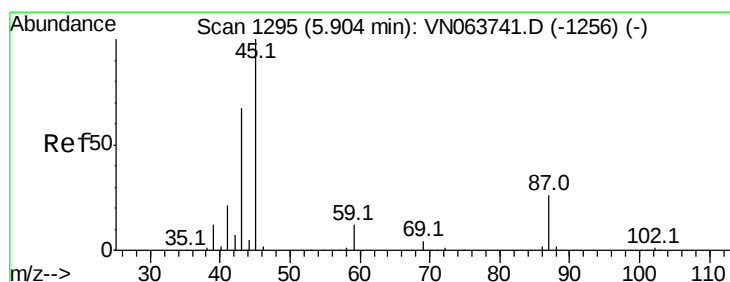
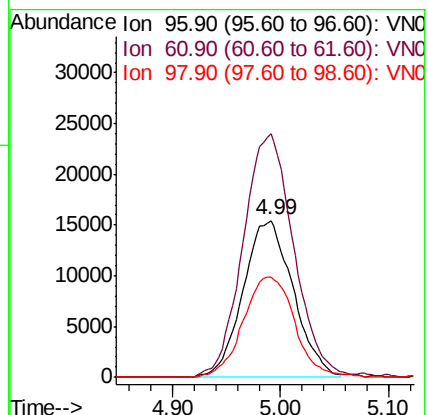
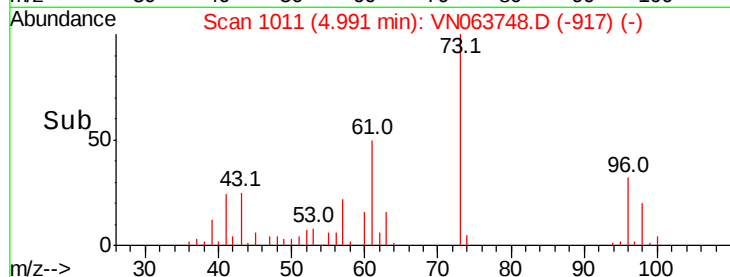
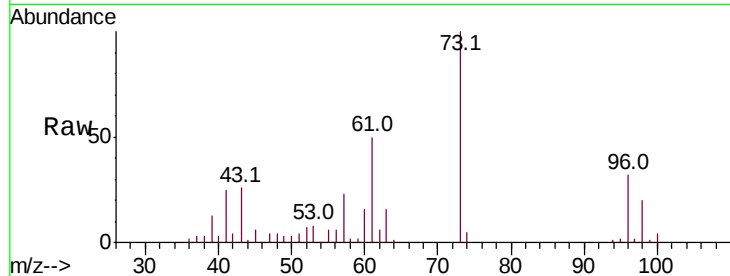
Tot Ion: 96 Resp: 49844

Ion Ratio Lower Upper

96 100

61 155.2 120.2 180.2

98 64.0 52.6 79.0



#22

Diisopropyl ether

Concen: 19.456 ug/l

RT: 5.90 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VN063748.D

Acq: 30 Sep 2020 14:44

Tgt Ion: 45 Resp: 187611

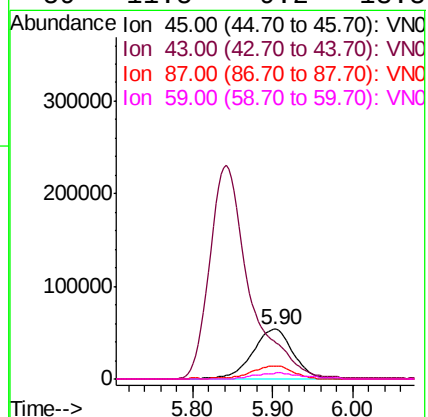
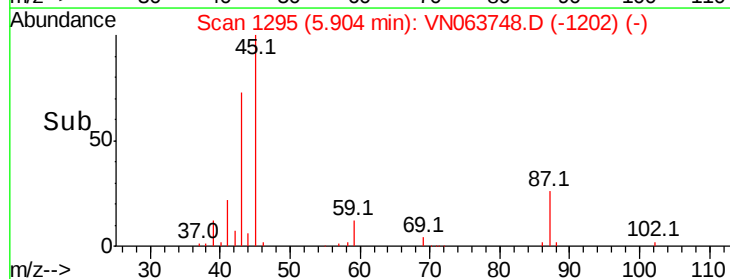
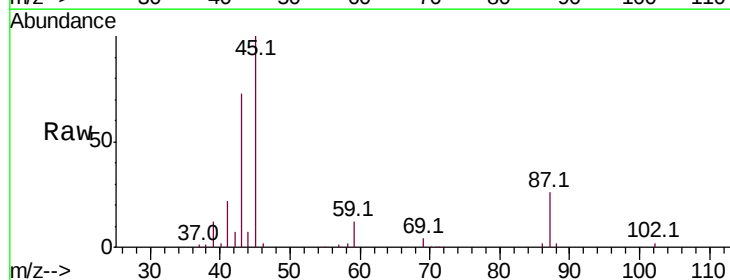
Ion Ratio Lower Upper

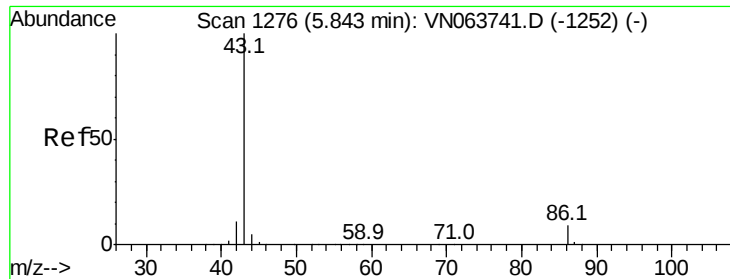
45 100

43 68.9 53.7 80.5

87 26.3 21.1 31.7

59 11.5 9.2 13.8

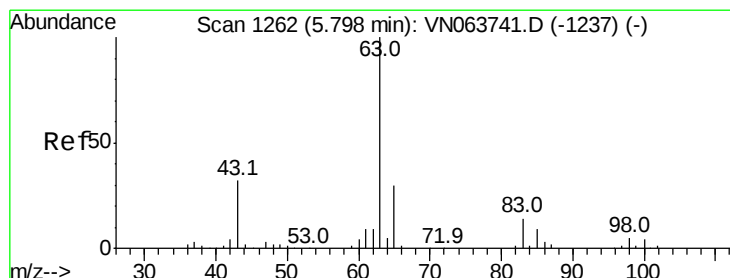
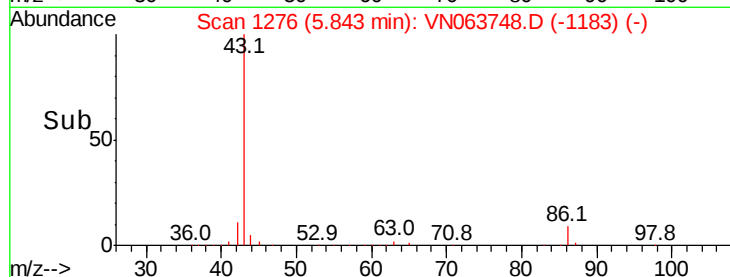
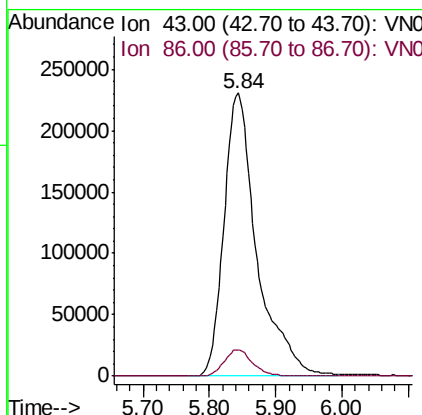
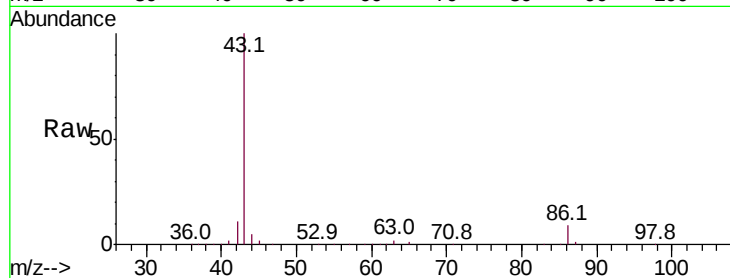




#23
 Vinyl Acetate
 Concen: 99.675 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. 0.00 min
 Lab File: VN063748.D
 Acq: 30 Sep 2020 14:44

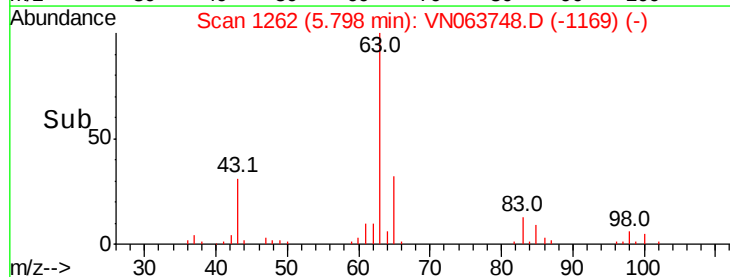
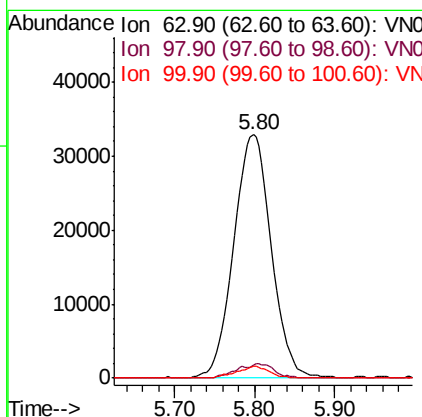
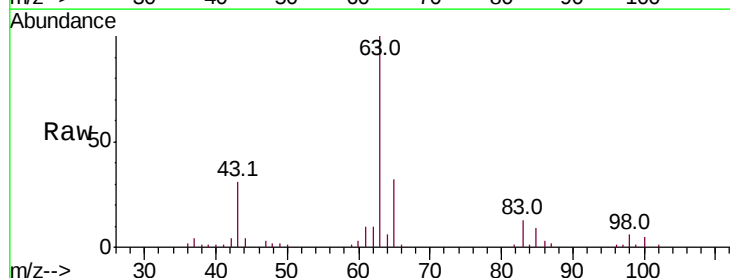
Instrument :
 MSVOA_N
 ClientSampled :
 VN0930MBS01

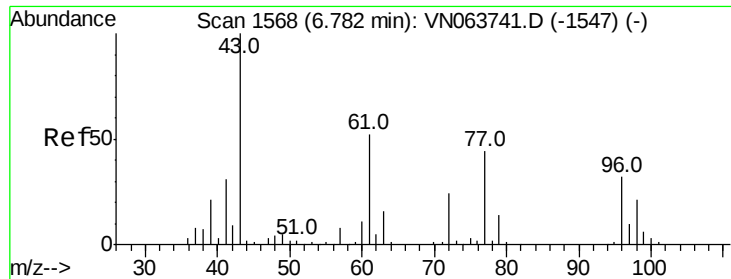
Tot Ion: 43 Resp: 796179
 Ion Ratio Lower Upper
 43 100
 86 9.3 7.3 10.9



#24
 1,1-Dichloroethane
 Concen: 18.975 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: VN063748.D
 Acq: 30 Sep 2020 14:44

Tgt Ion: 63 Resp: 104617
 Ion Ratio Lower Upper
 63 100
 98 5.6 2.7 8.1
 100 4.9 1.9 5.7

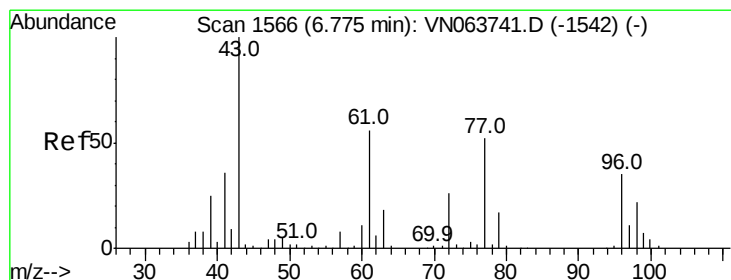
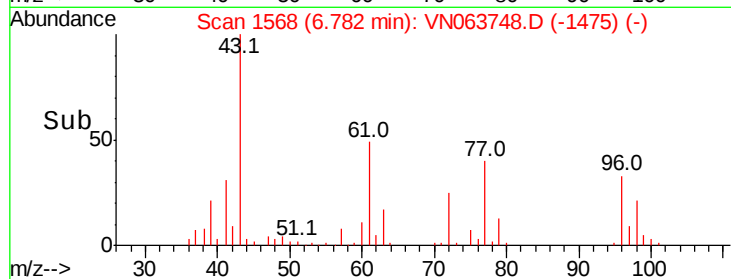
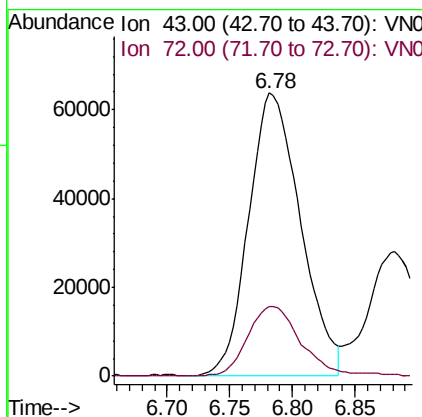
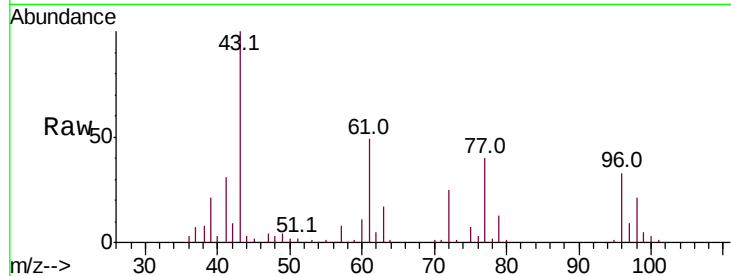




#25
2-Butanone
Concen: 102.018 ug/l
RT: 6.78 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VN063748.D
Acq: 30 Sep 2020 14:44

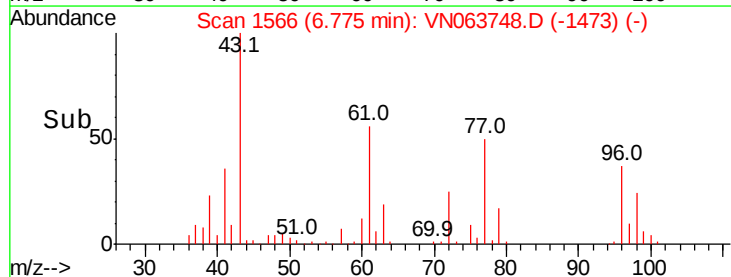
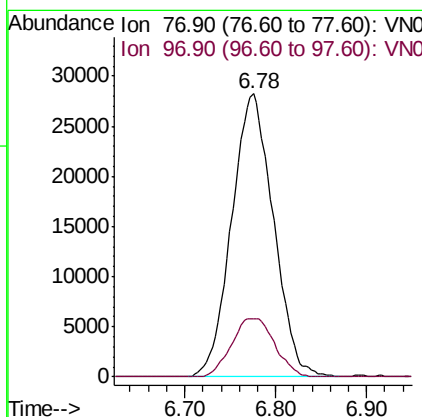
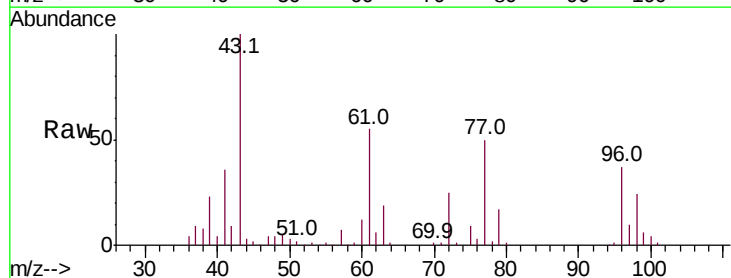
Instrument :
MSVOA_N
ClientSampled :
VN0930MBS01

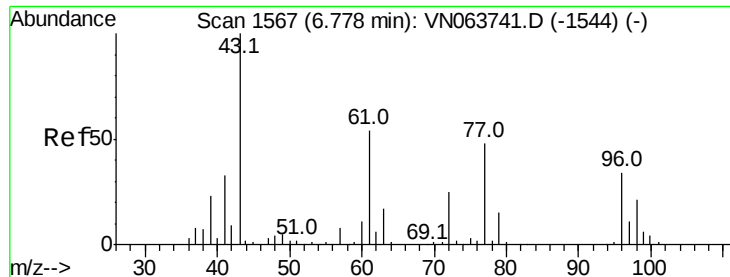
Tot Ion: 43 Resp: 184280
Ion Ratio Lower Upper
43 100
72 24.7 19.3 28.9



#26
2,2-Dichloropropane
Concen: 17.811 ug/l
RT: 6.78 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VN063748.D
Acq: 30 Sep 2020 14:44

Tgt Ion: 77 Resp: 89930
Ion Ratio Lower Upper
77 100
97 21.4 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 18.783 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN063748.D

Acq: 30 Sep 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

VN0930MBS01

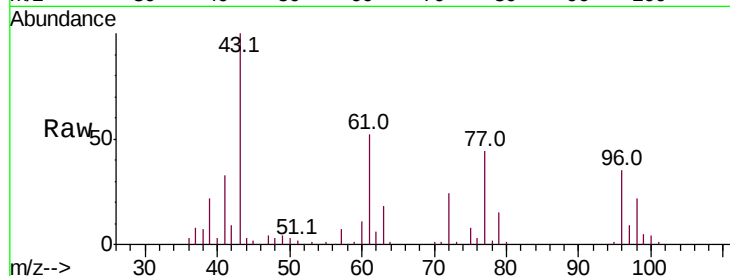
Tot Ion: 96 Resp: 61043

Ion Ratio Lower Upper

96 100

61 156.5 0.0 321.2

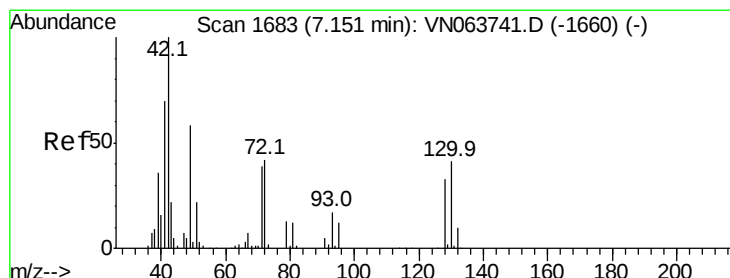
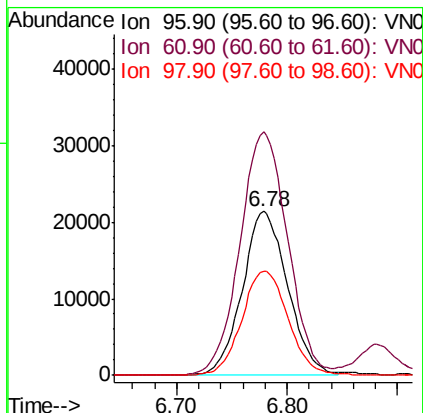
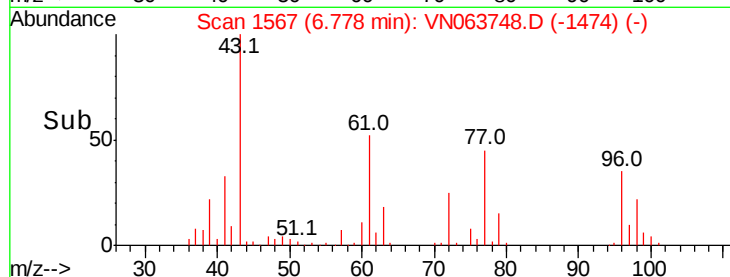
98 64.8 0.0 124.4



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 19.535 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VN063748.D

Acq: 30 Sep 2020 14:44

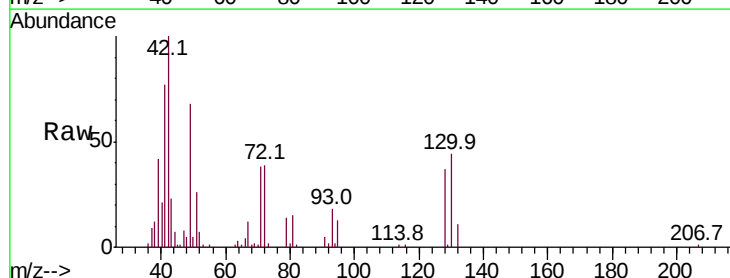
Tgt Ion: 49 Resp: 53235

Ion Ratio Lower Upper

49 100

129 0.6 0.0 4.8

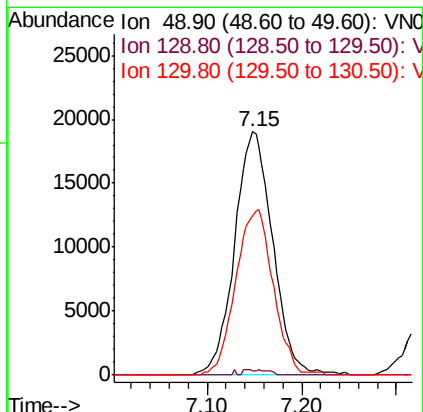
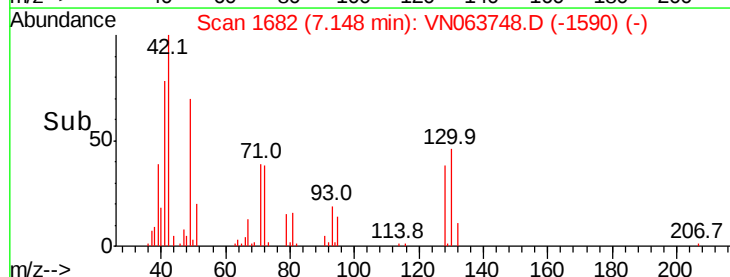
130 66.4 55.6 83.4

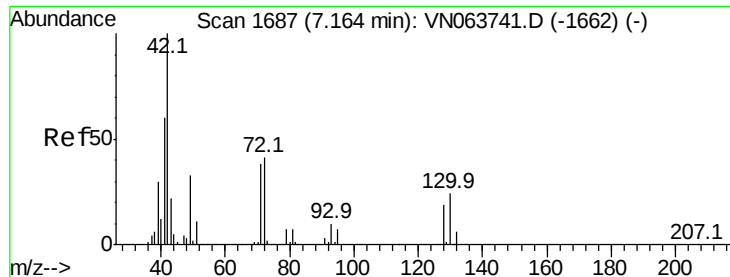


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 100.713 ug/l

RT: 7.16 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN063748.D

Acq: 30 Sep 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

VN0930MBS01

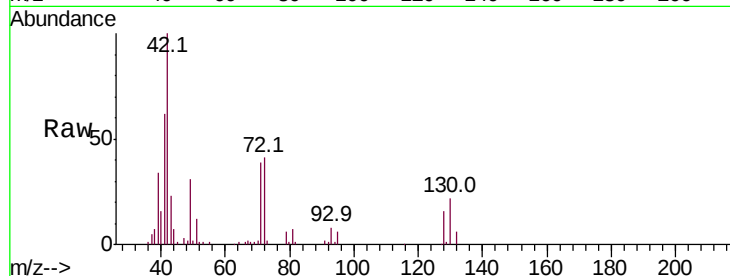
Tot Ion: 42 Resp: 122014

Ion Ratio Lower Upper

42 100

72 41.5 32.8 49.2

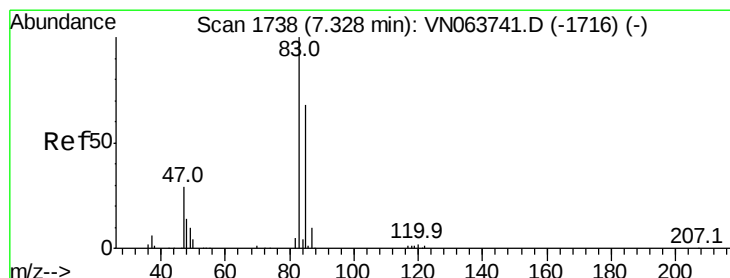
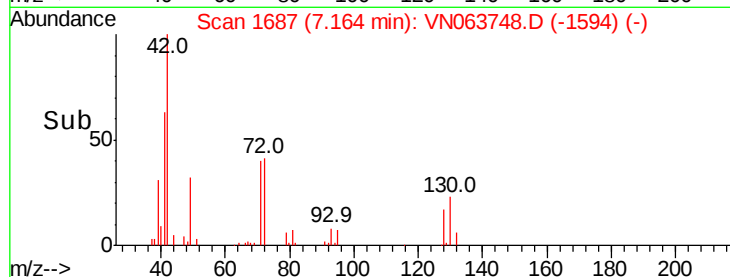
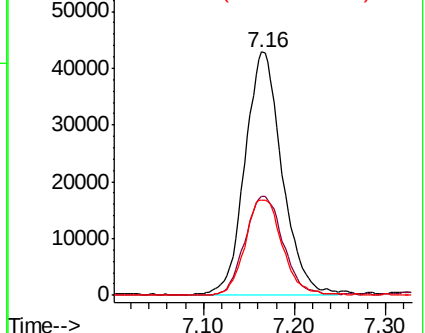
71 39.6 30.6 45.8



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: 18.964 ug/l

RT: 7.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VN063748.D

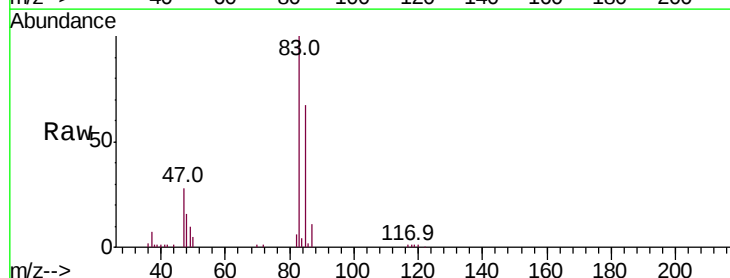
Acq: 30 Sep 2020 14:44

Tgt Ion: 83 Resp: 109019

Ion Ratio Lower Upper

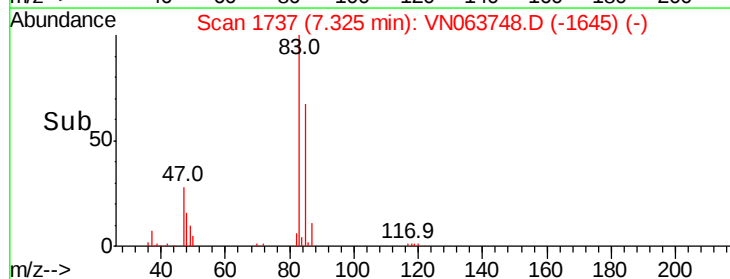
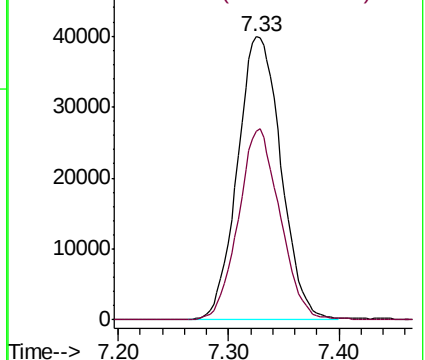
83 100

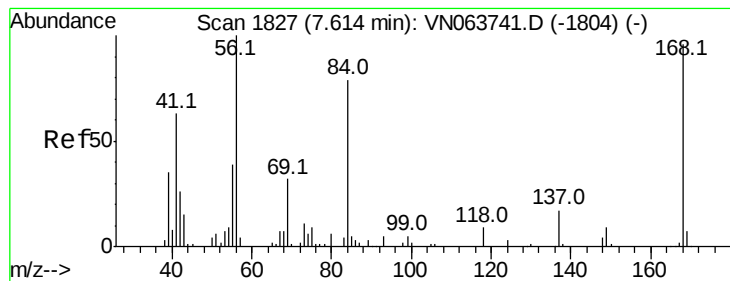
85 66.6 54.6 82.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 18.375 ug/l

RT: 7.61 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN063748.D

Acq: 30 Sep 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

VN0930MBS01

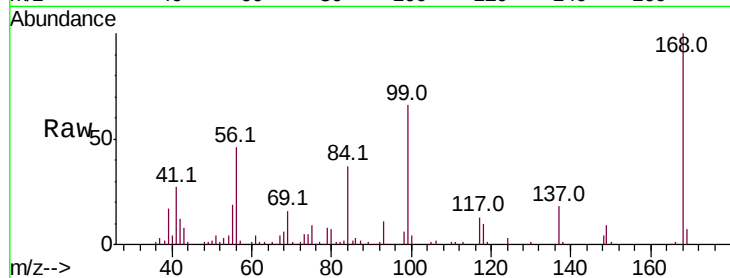
Tot Ion: 56 Resp: 88291

Ion Ratio Lower Upper

56 100

69 35.8 25.4 38.2

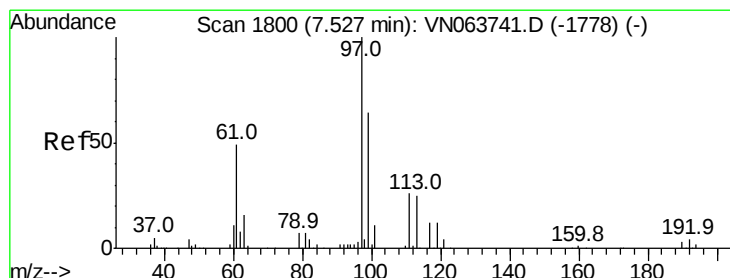
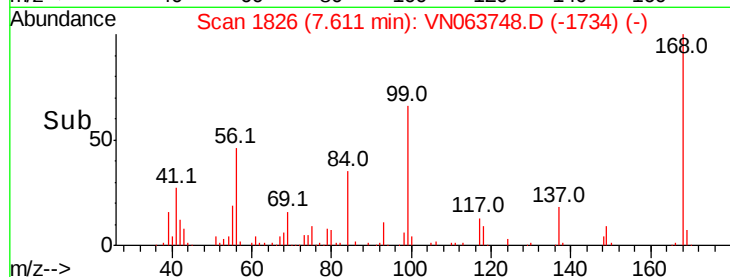
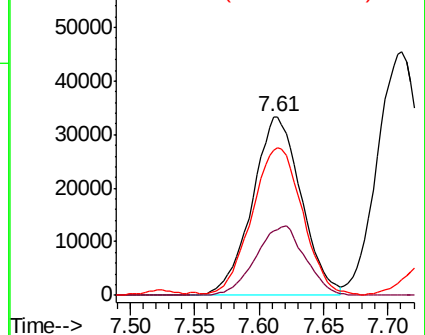
84 79.7 63.3 94.9



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: 18.700 ug/l

RT: 7.52 min Scan# 1799

Delta R.T. -0.00 min

Lab File: VN063748.D

Acq: 30 Sep 2020 14:44

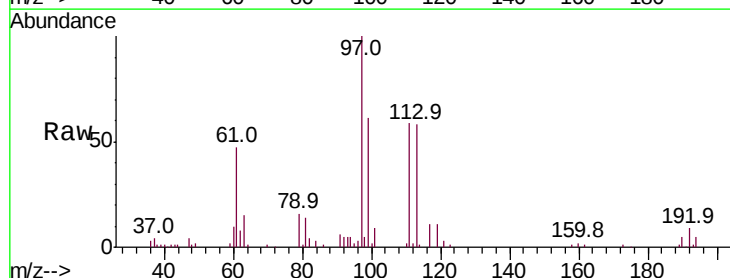
Tgt Ion: 97 Resp: 96964

Ion Ratio Lower Upper

97 100

99 64.1 51.0 76.6

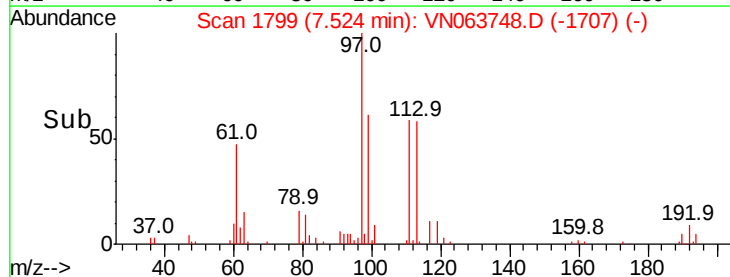
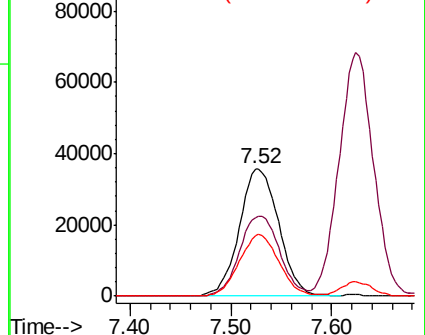
61 48.5 38.7 58.1

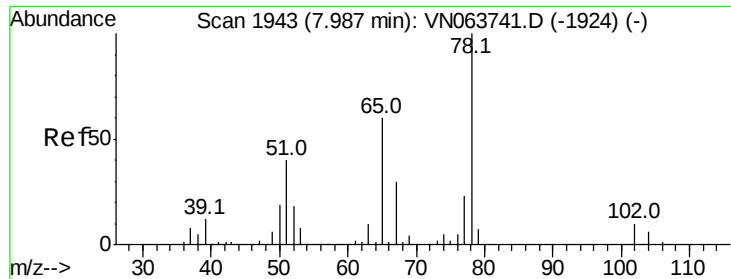


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

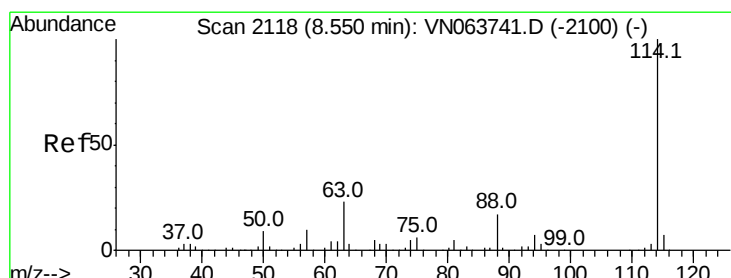
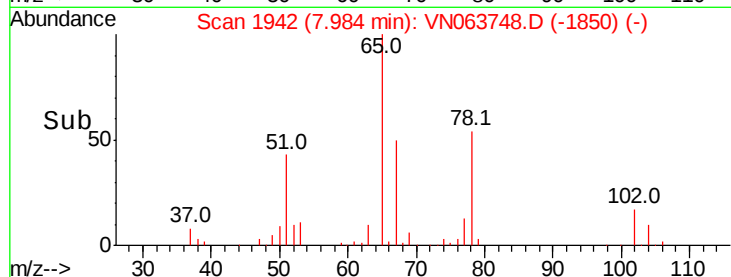
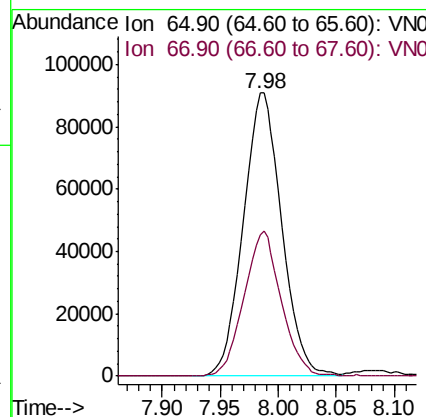
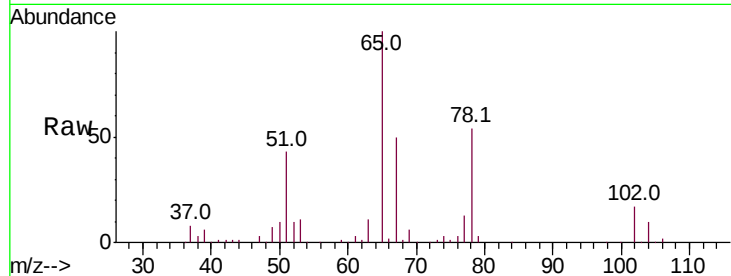




#33
 1,2-Dichloroethane-d4
 Concen: 50.688 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN063748.D
 Acq: 30 Sep 2020 14:44

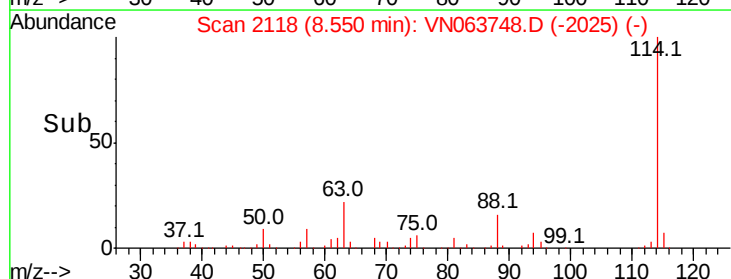
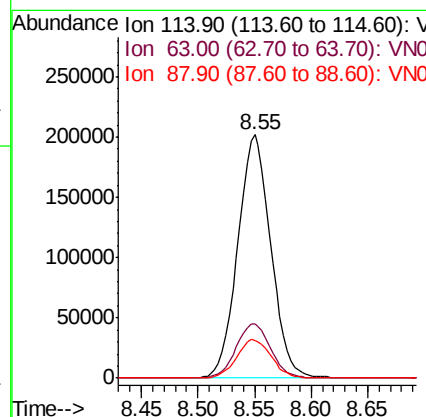
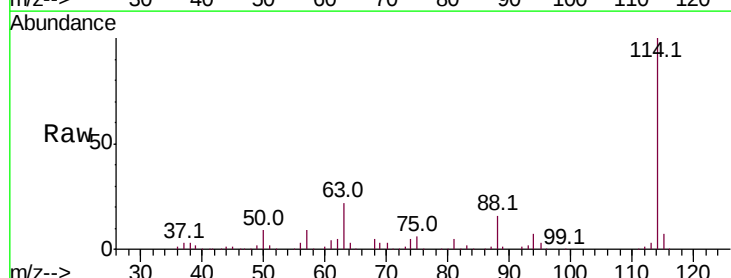
Instrument :
 MSVOA_N
 ClientSampled :
 VN0930MBS01

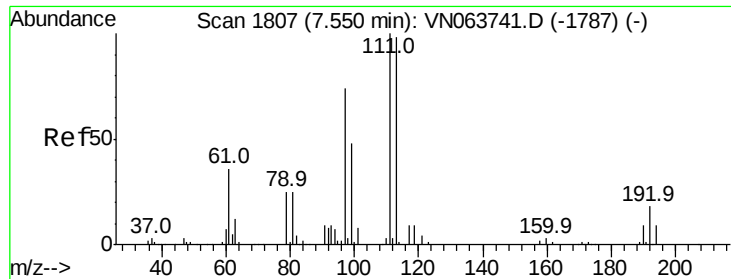
Tot Ion: 65 Resp: 209791
 Ion Ratio Lower Upper
 65 100
 67 49.5 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063748.D
 Acq: 30 Sep 2020 14:44

Tgt Ion: 114 Resp: 411012
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 45.0
 88 15.7 0.0 34.0

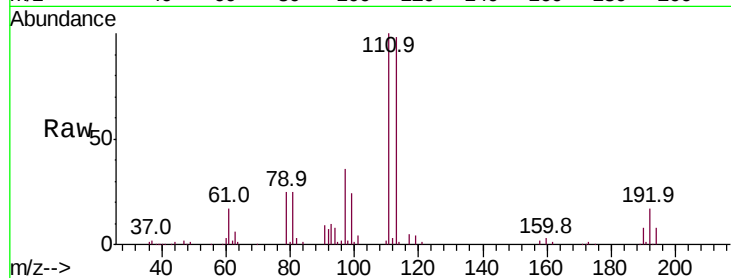




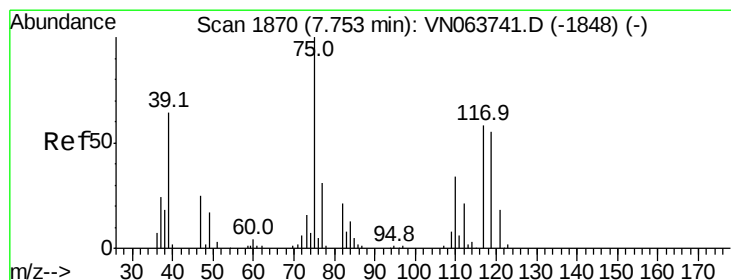
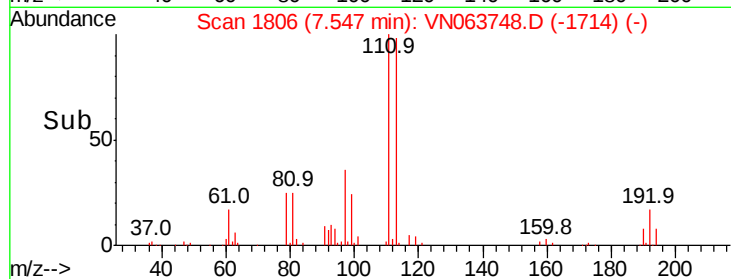
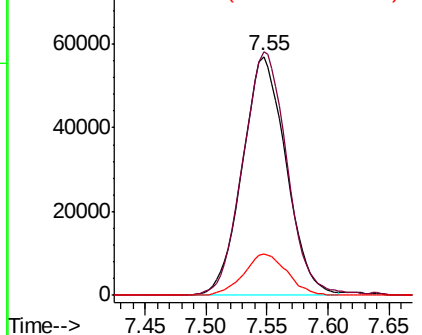
#35
 Dibromofluoromethane
 Concen: 49.514 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN063748.D
 Acq: 30 Sep 2020 14:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0930MBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.8	122.8
192	17.3	14.2	21.2

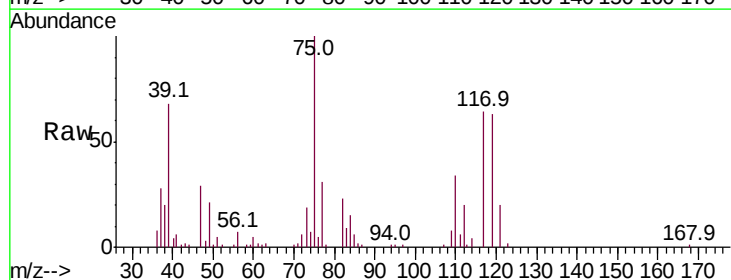


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

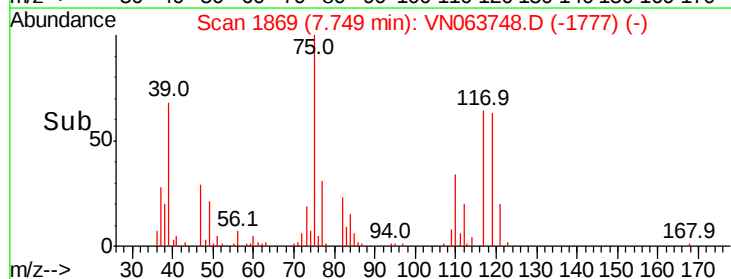
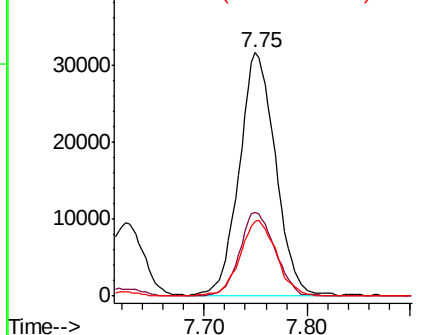


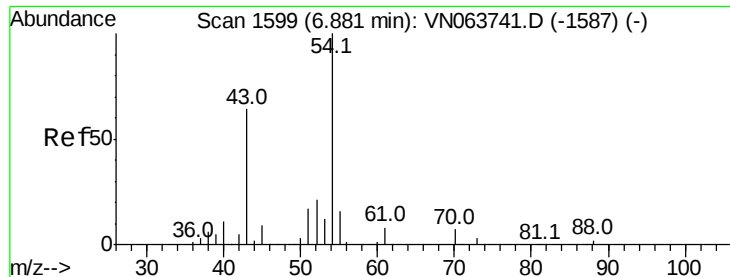
#36
 1,1-Dichloropropene
 Concen: 18.616 ug/l
 RT: 7.75 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VN063748.D
 Acq: 30 Sep 2020 14:44

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.4	16.9	50.6
77	31.1	24.5	36.7



Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VN0

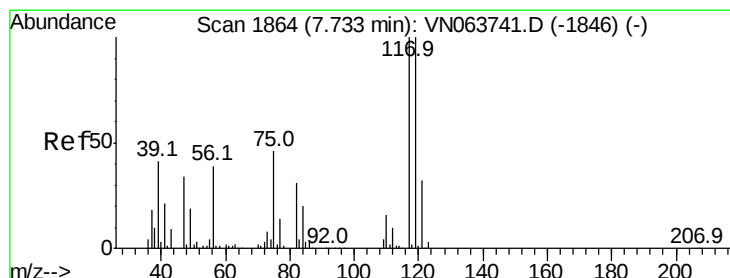
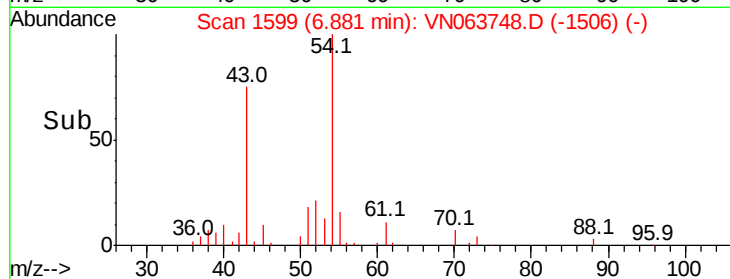
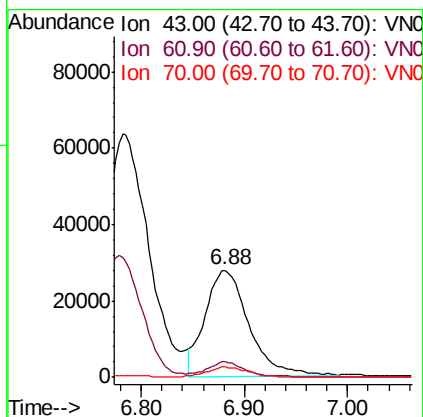
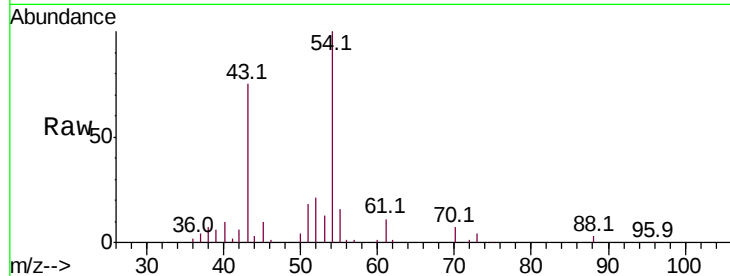




#37
Ethyl Acetate
Concen: 19.670 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN063748.D
Acq: 30 Sep 2020 14:44

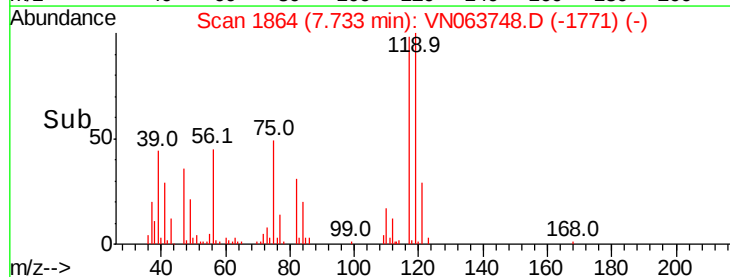
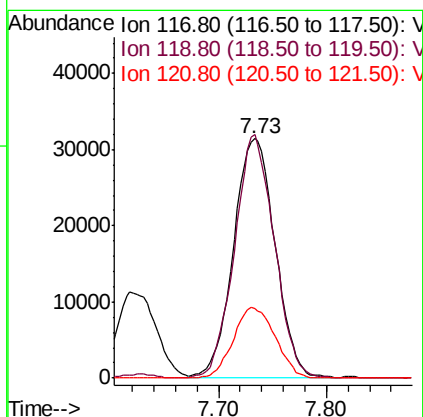
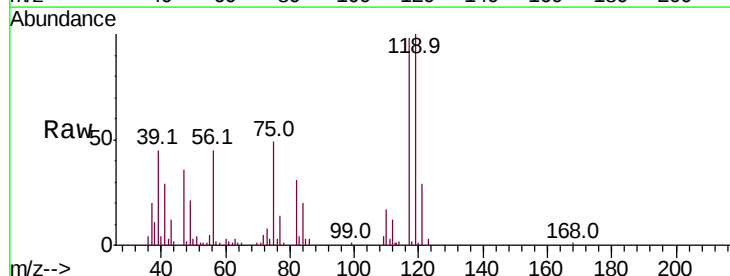
Instrument :
MSVOA_N
ClientSampleId :
VN0930MBS01

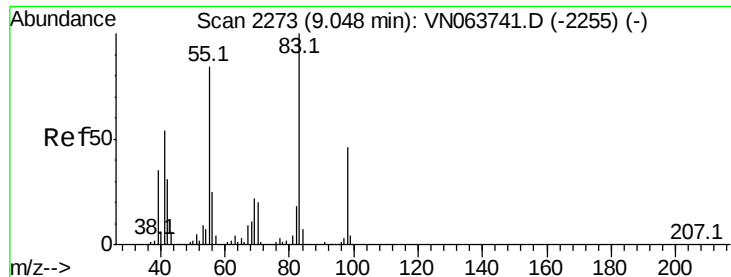
Tot Ion: 43 Resp: 81372
Ion Ratio Lower Upper
43 100
61 13.2 10.4 15.6
70 9.3 7.3 10.9



#38
Carbon Tetrachloride
Concen: 18.123 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN063748.D
Acq: 30 Sep 2020 14:44

Tgt Ion: 117 Resp: 84620
Ion Ratio Lower Upper
117 100
119 101.7 80.1 120.1
121 29.1 25.7 38.5

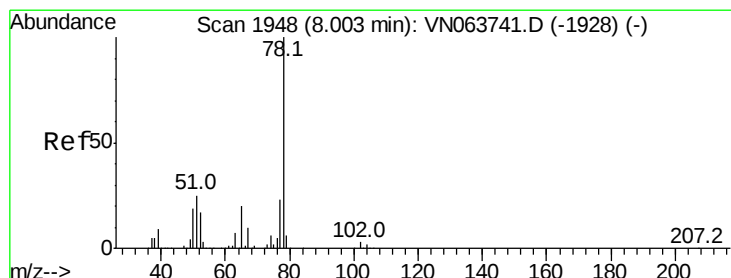
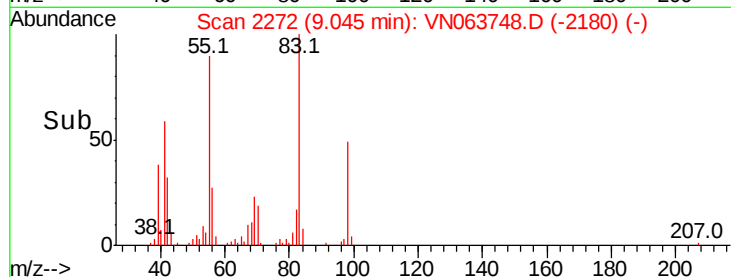
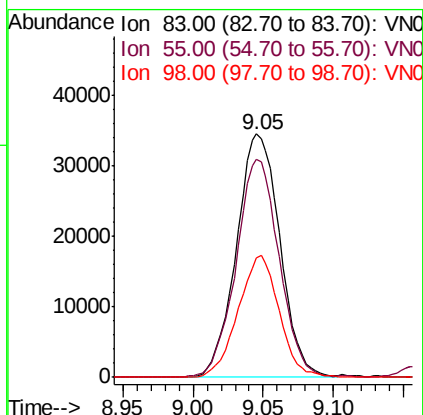
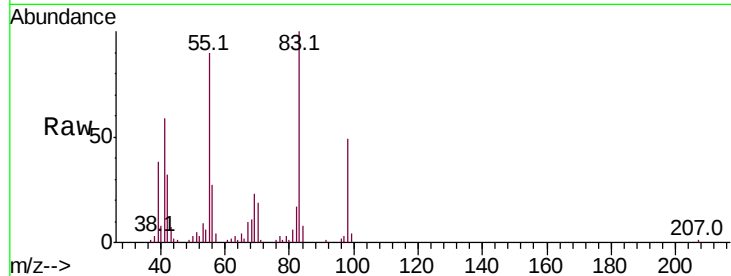




#39
Methvlcvclohexane
Concen: 17.933 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN063748.D
Acq: 30 Sep 2020 14:44

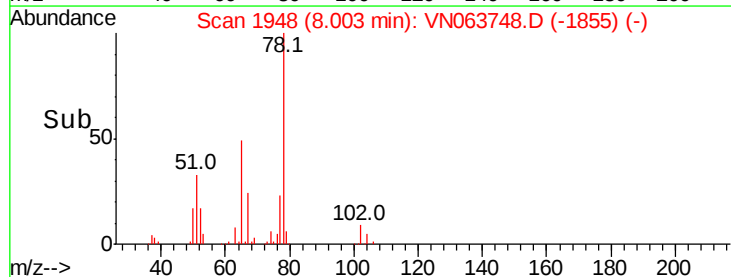
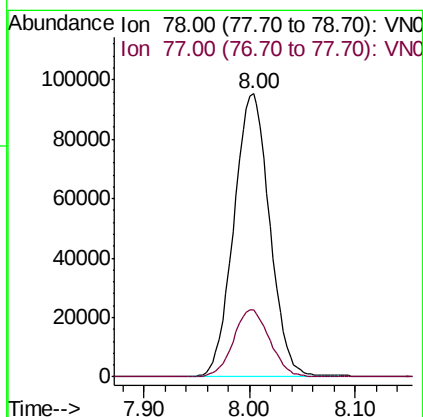
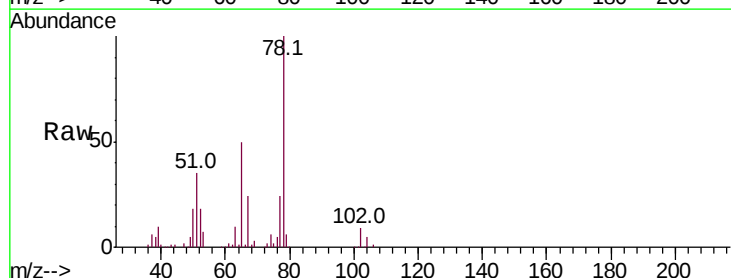
Instrument :
MSVOA_N
ClientSampleId :
VN0930MBS01

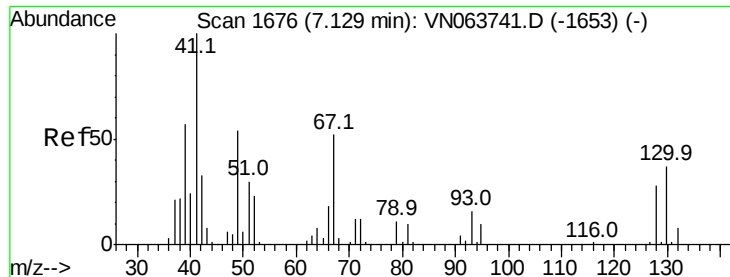
Tot Ion: 83 Resp: 74466
Ion Ratio Lower Upper
83 100
55 89.2 67.1 100.7
98 49.3 36.6 54.8



#40
Benzene
Concen: 18.900 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063748.D
Acq: 30 Sep 2020 14:44

Tgt Ion: 78 Resp: 224777
Ion Ratio Lower Upper
78 100
77 23.7 18.7 28.1

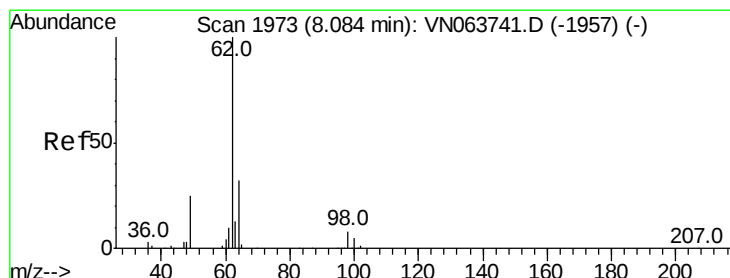
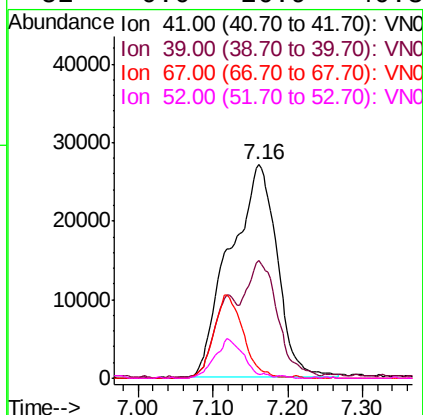
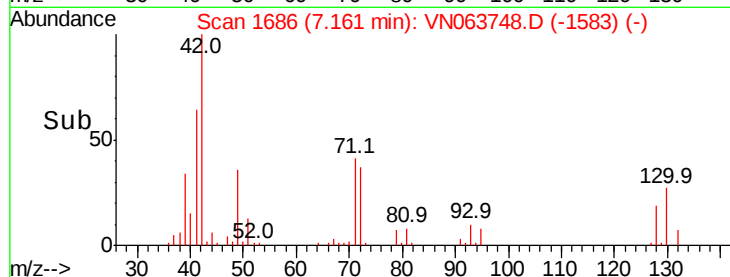
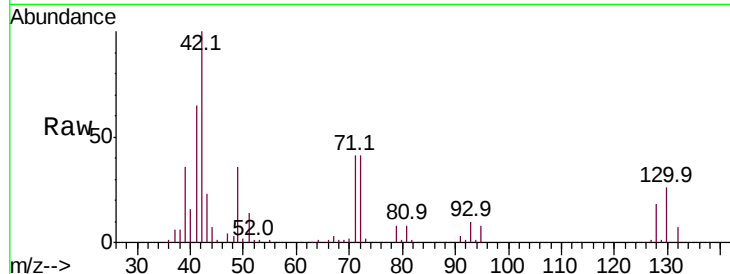




#41
Methacrylonitrile
Concen: 64.309 ug/l
RT: 7.16 min Scan# 1686
Delta R.T. 0.03 min
Lab File: VN063748.D
Acq: 30 Sep 2020 14:44

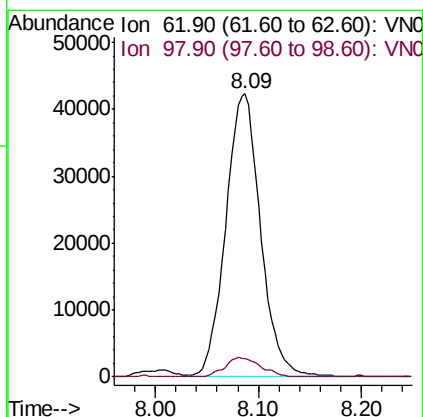
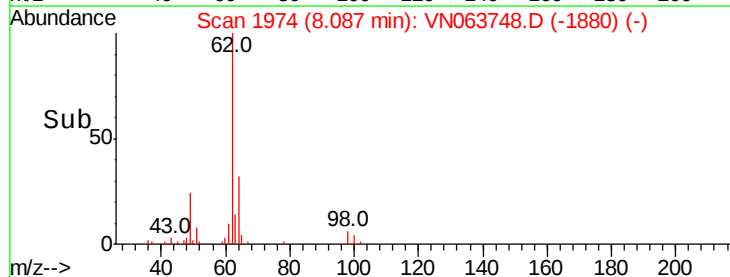
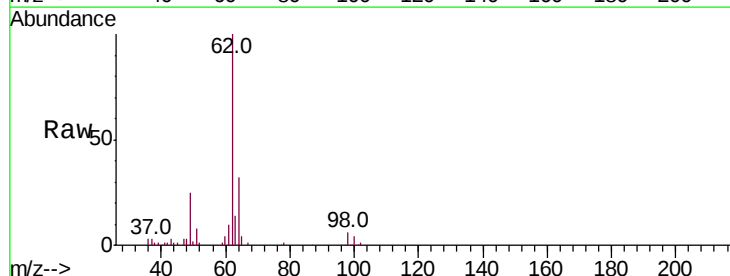
Instrument :
MSVOA_N
ClientSampleId :
VN0930MBS01

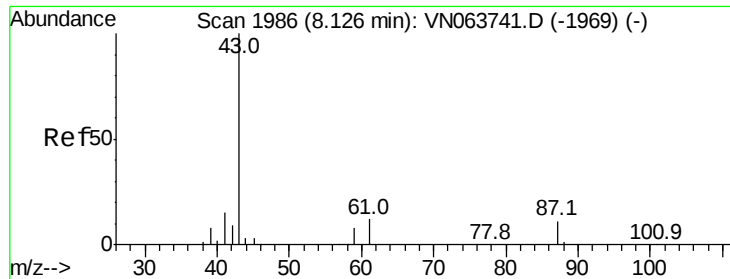
Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	42.5	63.7#
67	0.0	57.4	86.2#
52	0.0	26.9	40.3#



#42
1,2-Dichloroethane
Concen: 19.609 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN063748.D
Acq: 30 Sep 2020 14:44

Tgt Ion	Ratio	Lower	Upper
62	100		
98	6.9	0.0	15.0





#43

Isopropyl Acetate

Concen: 20.824 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN063748.D

Acq: 30 Sep 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

VN0930MBS01

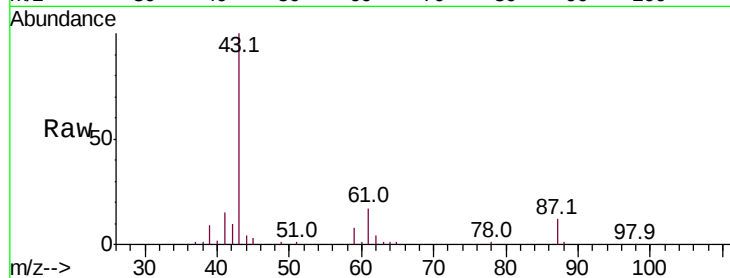
Tot Ion: 43 Resp: 142095

Ion Ratio Lower Upper

43 100

61 17.5 14.2 21.4

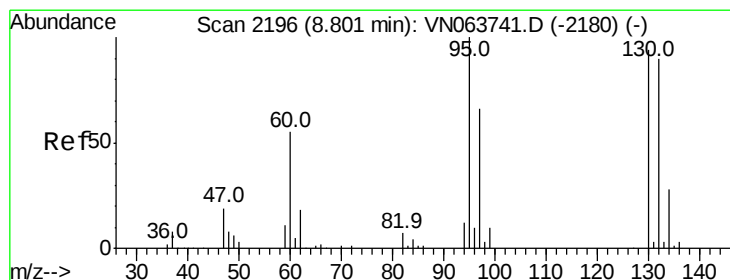
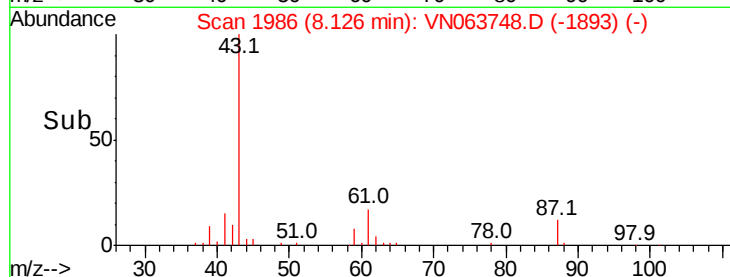
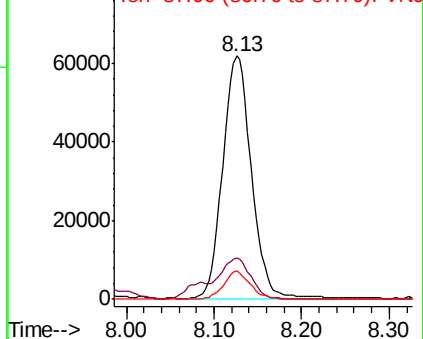
87 10.7 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#44

Trichloroethene

Concen: 18.815 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN063748.D

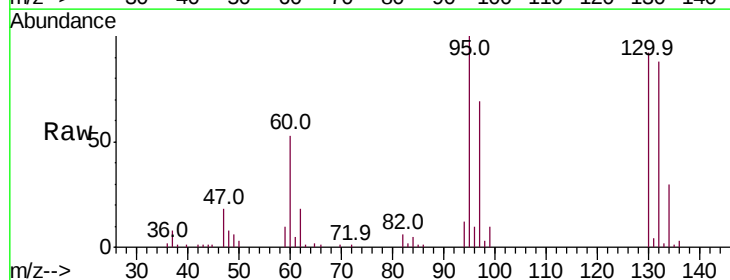
Acq: 30 Sep 2020 14:44

Tgt Ion:130 Resp: 58632

Ion Ratio Lower Upper

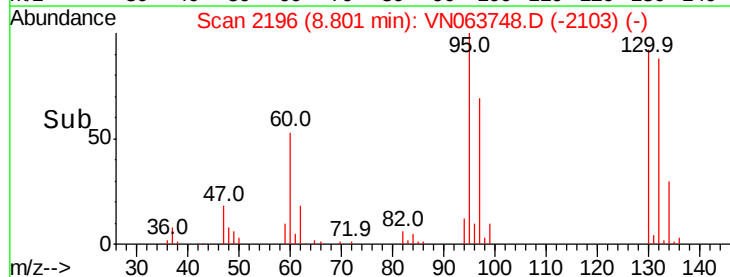
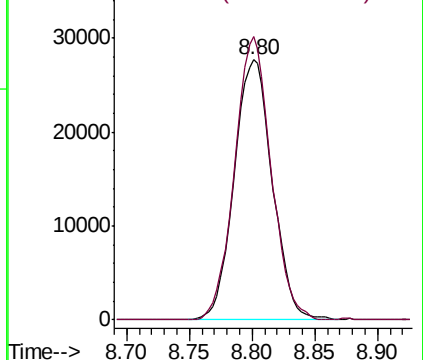
130 100

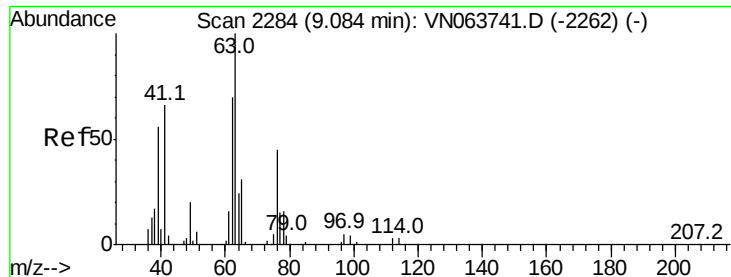
95 108.9 0.0 213.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0





#45

1,2-Dichloropropane

Concen: 19.150 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. 0.00 min

Lab File: VN063748.D

Acq: 30 Sep 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

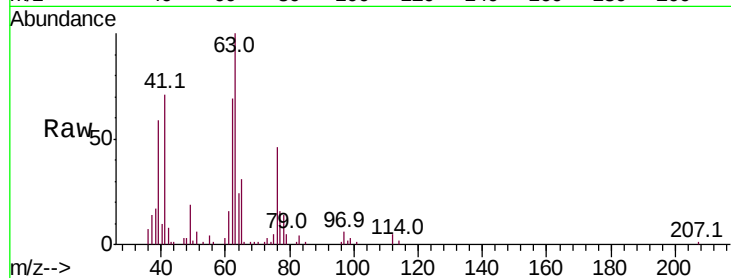
VN0930MBS01

Tot Ion: 63 Resp: 61510

Ion Ratio Lower Upper

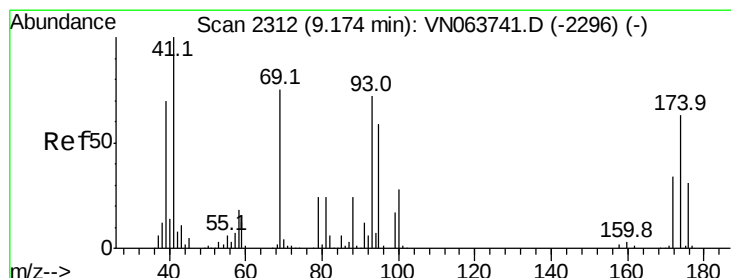
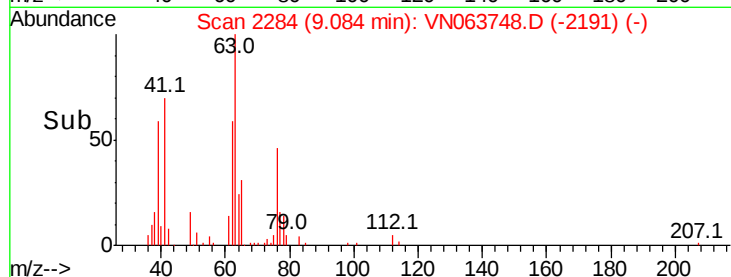
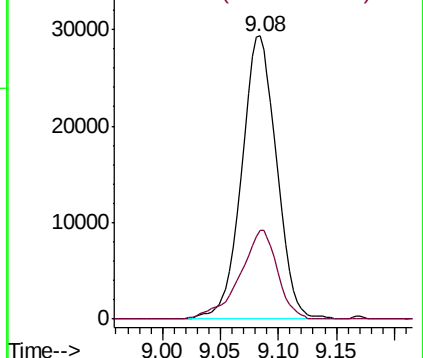
63 100

65 31.4 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 19.751 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN063748.D

Acq: 30 Sep 2020 14:44

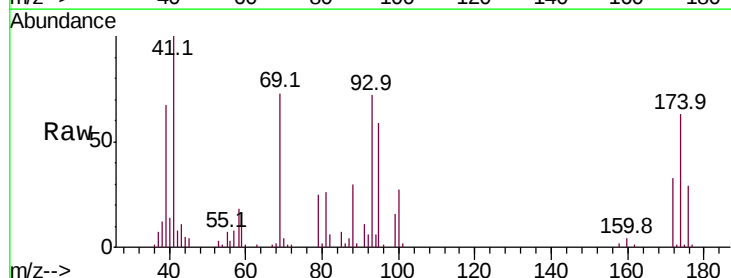
Tgt Ion: 93 Resp: 43764

Ion Ratio Lower Upper

93 100

95 81.3 66.3 99.5

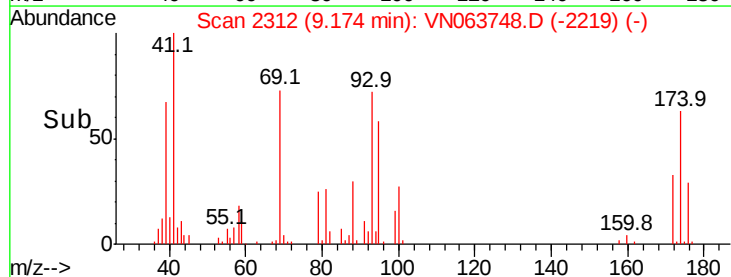
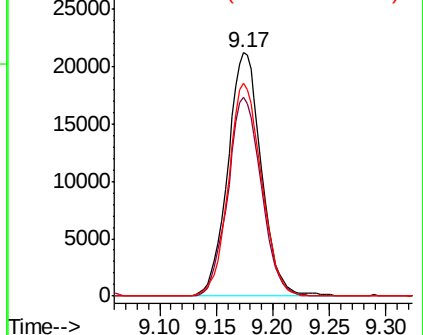
174 85.8 72.7 109.1

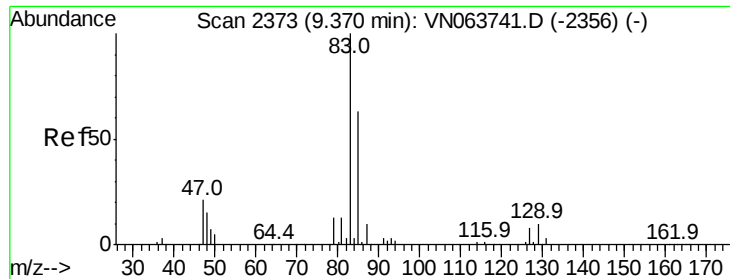


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.077 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN063748.D

Acq: 30 Sep 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

VN0930MBS01

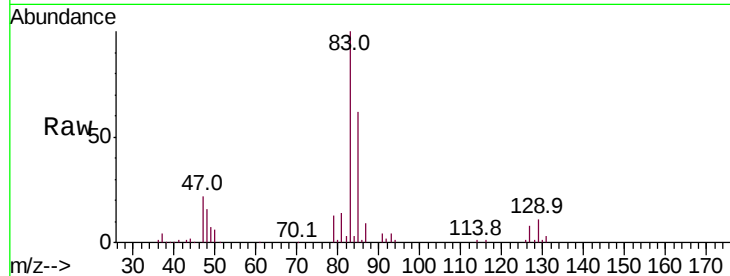
Tot Ion: 83 Resp: 87116

Ion Ratio Lower Upper

83 100

85 62.5 50.6 75.8

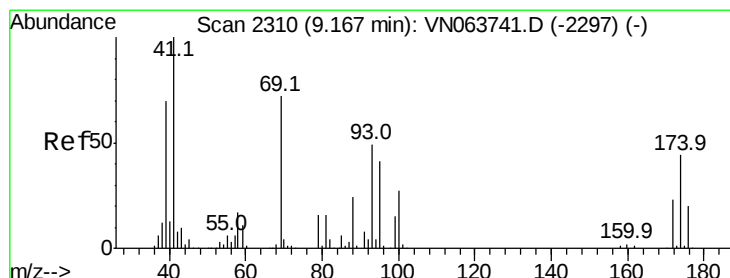
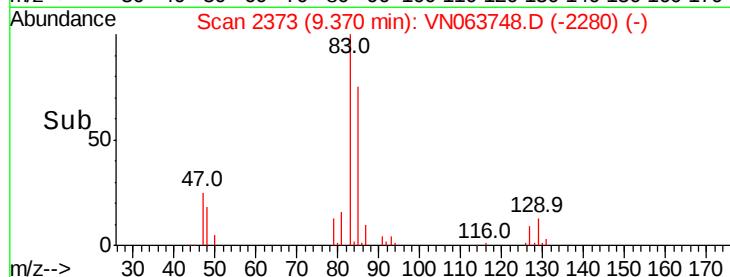
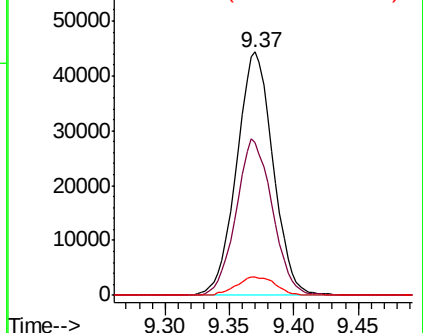
127 7.6 6.6 9.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 19.455 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN063748.D

Acq: 30 Sep 2020 14:44

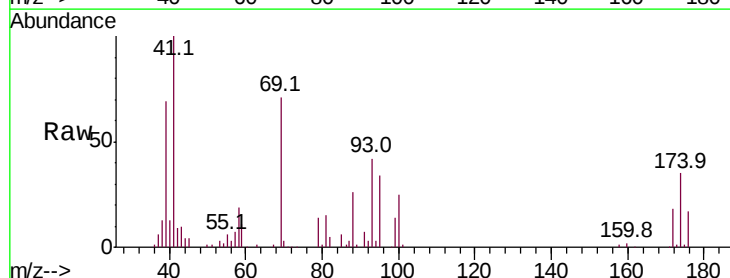
Tgt Ion: 41 Resp: 65591

Ion Ratio Lower Upper

41 100

69 78.1 60.9 91.3

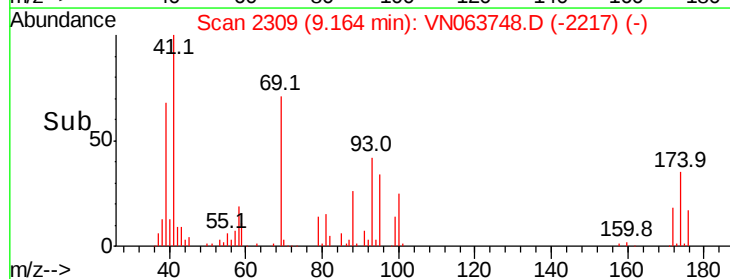
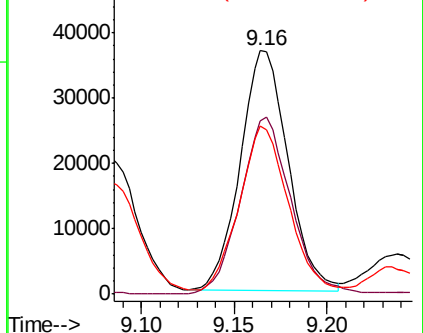
39 72.0 57.5 86.3

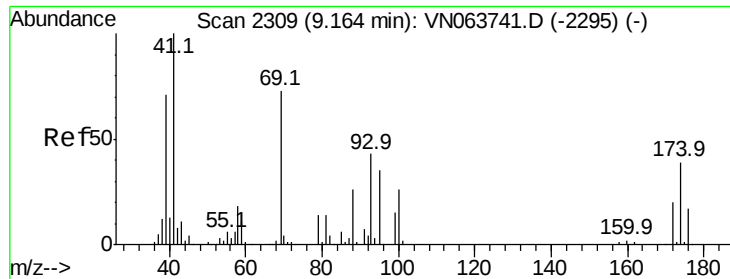


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 426.721 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN063748.D

Acq: 30 Sep 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

VN0930MBS01

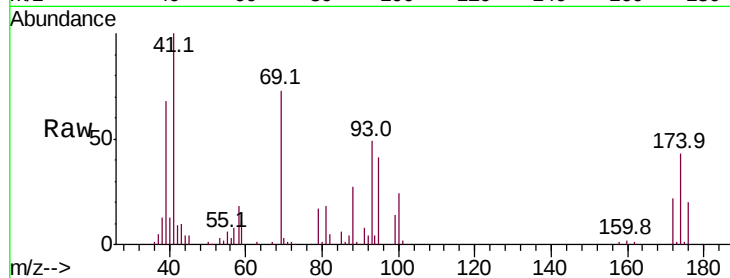
Tot Ion: 88 Resp: 20446

Ion Ratio Lower Upper

88 100

43 34.7 33.1 49.7

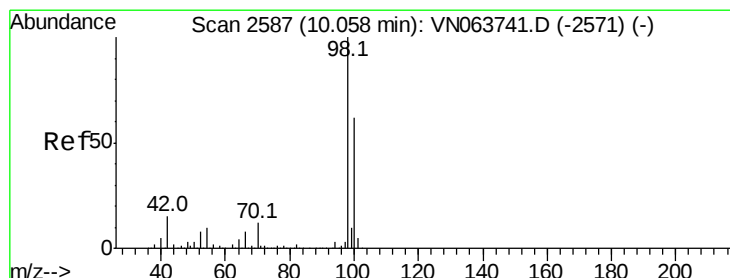
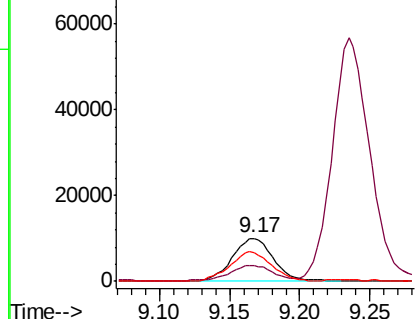
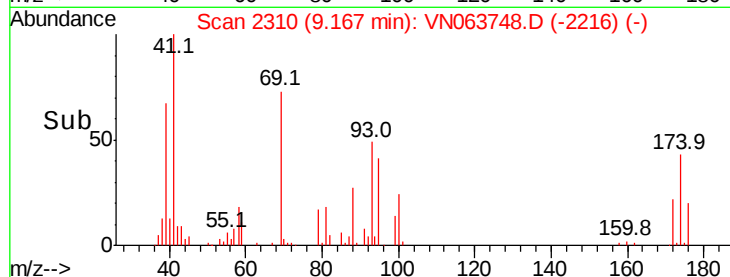
58 69.5 58.9 88.3



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 48.647 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN063748.D

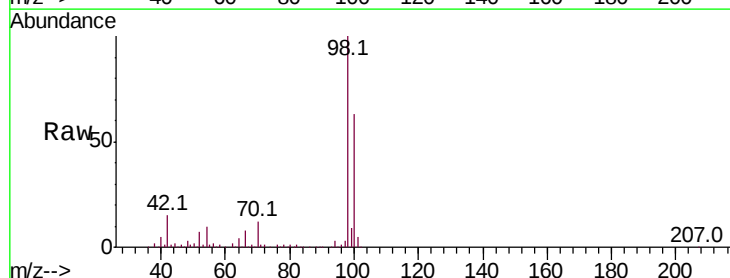
Acq: 30 Sep 2020 14:44

Tgt Ion: 98 Resp: 525935

Ion Ratio Lower Upper

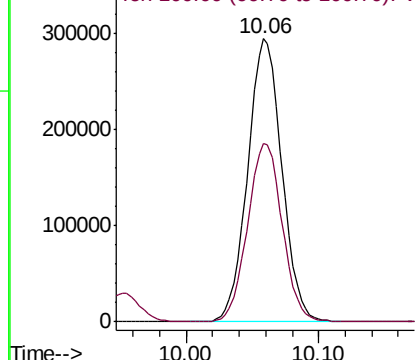
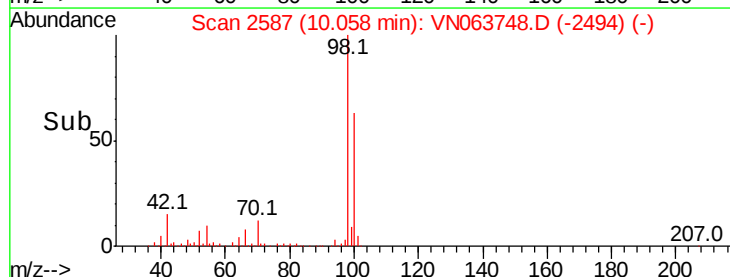
98 100

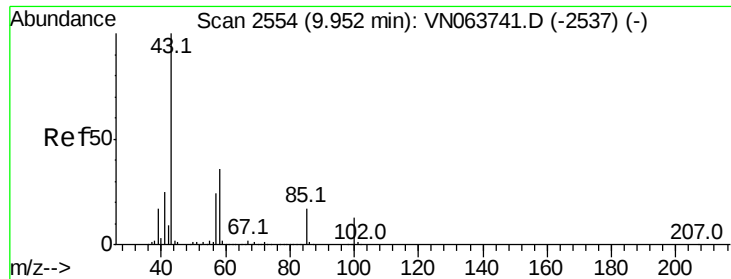
100 64.0 49.8 74.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 101.948 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN063748.D

Acq: 30 Sep 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

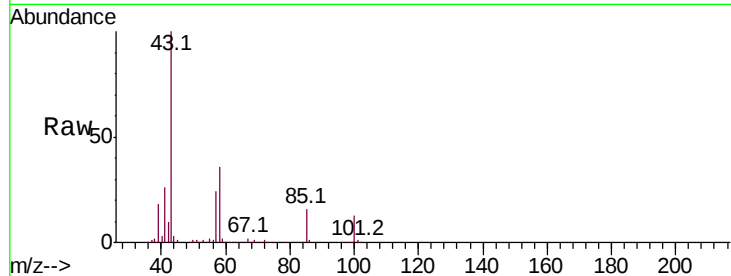
VN0930MBS01

Tot Ion: 43 Resp: 408248

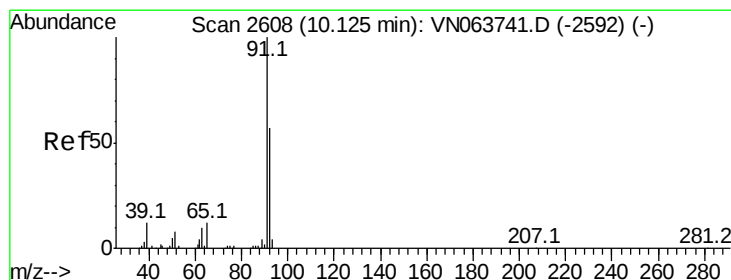
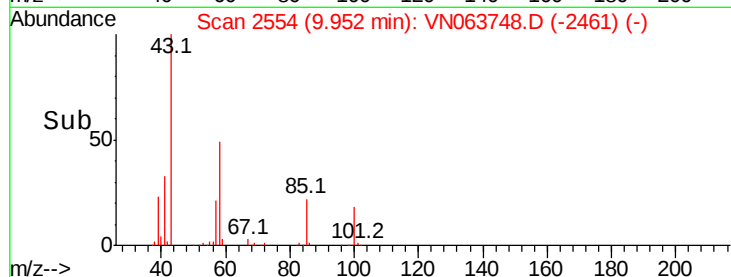
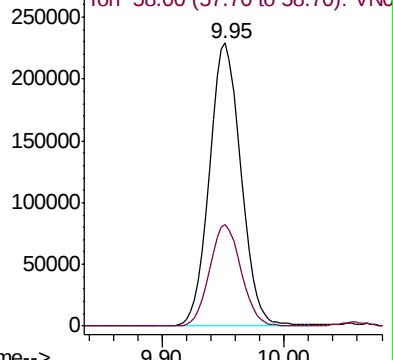
Ion Ratio Lower Upper

43 100

58 36.0 28.4 42.6



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



#52

Toluene

Concen: 19.378 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063748.D

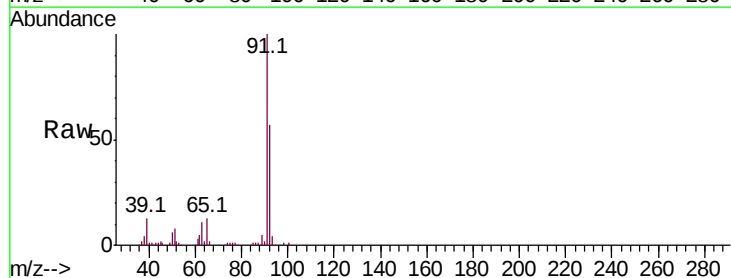
Acq: 30 Sep 2020 14:44

Tgt Ion: 92 Resp: 142552

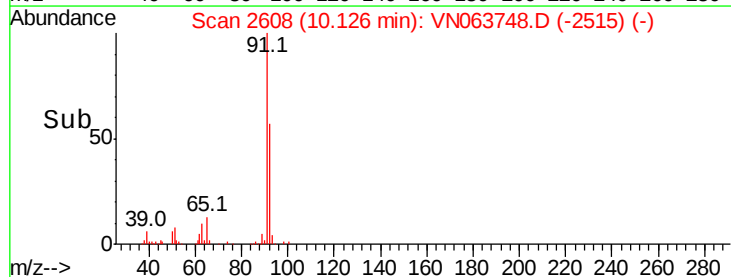
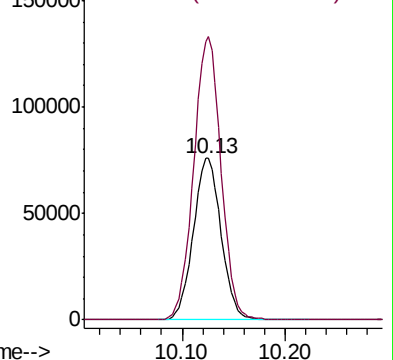
Ion Ratio Lower Upper

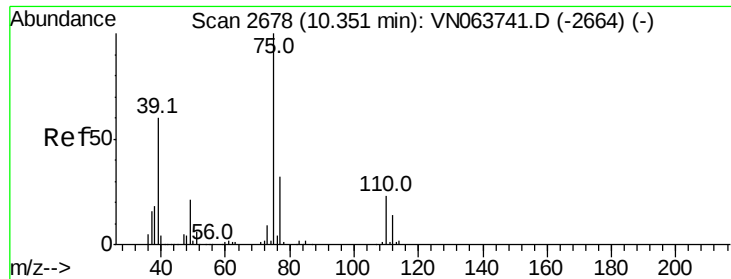
92 100

91 172.1 140.6 210.8



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





#53

t-1,3-Dichloropropene

Concen: 18.837 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN063748.D

Acq: 30 Sep 2020 14:44

Instrument :

MSVOA_N

ClientSampled :

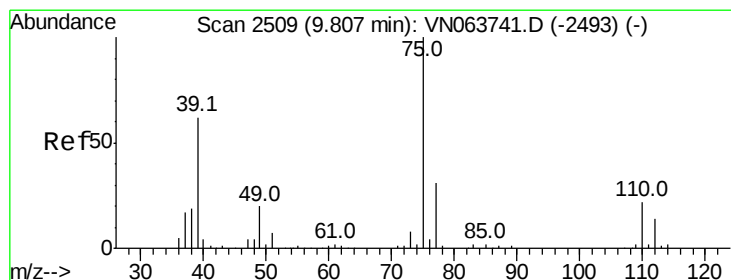
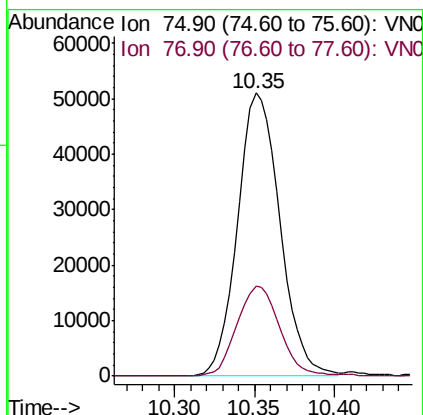
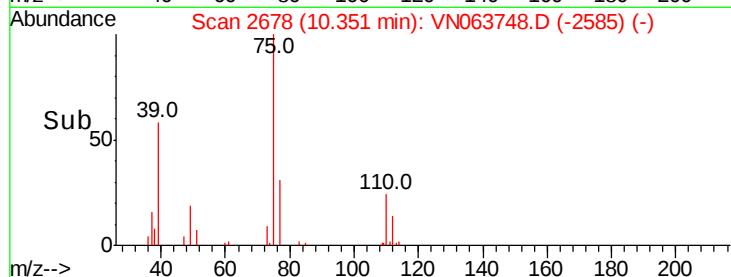
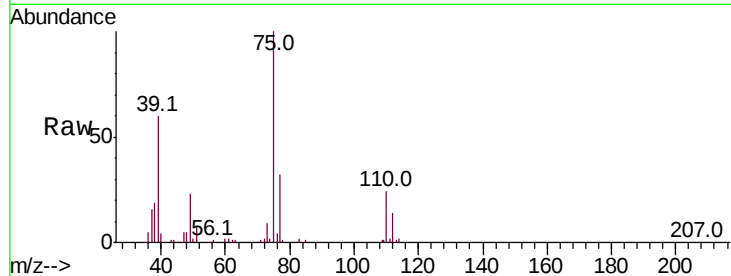
VN0930MBS01

Tot Ion: 75 Resp: 92211

Ion Ratio Lower Upper

75 100

77 31.7 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 19.323 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN063748.D

Acq: 30 Sep 2020 14:44

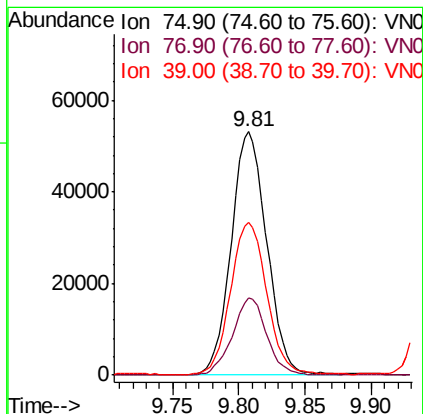
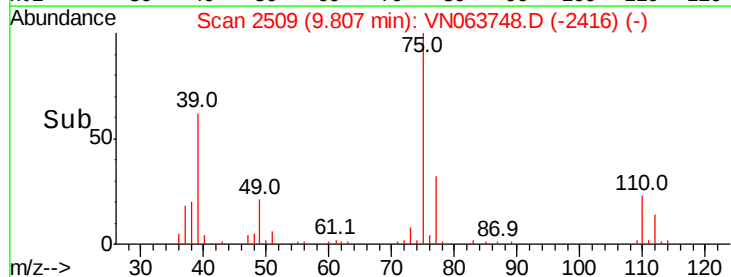
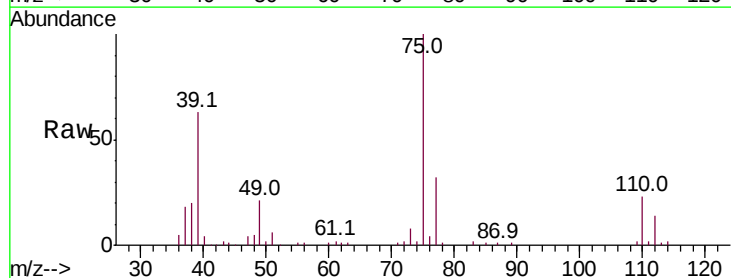
Tgt Ion: 75 Resp: 98924

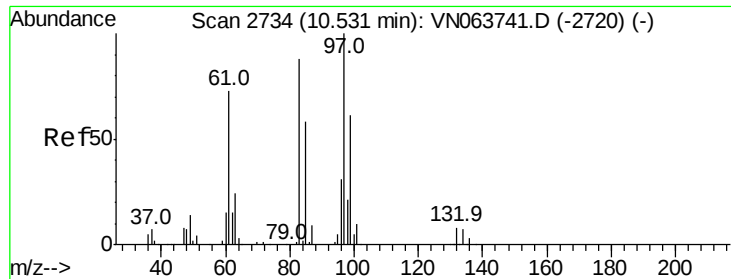
Ion Ratio Lower Upper

75 100

77 31.9 24.6 36.8

39 62.3 49.7 74.5





#55

1,1,2-Trichloroethane

Concen: 19.774 ug/l

RT: 10.53 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN063748.D

Acq: 30 Sep 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

VN0930MBS01

Tot Ion: 97 Resp: 58337

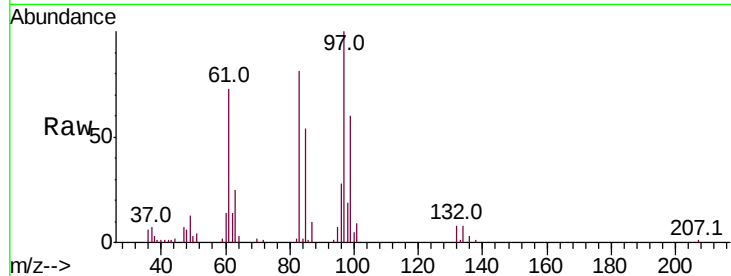
Ion Ratio Lower Upper

97 100

83 81.4 70.7 106.1

85 53.6 46.1 69.1

99 60.1 48.8 73.2

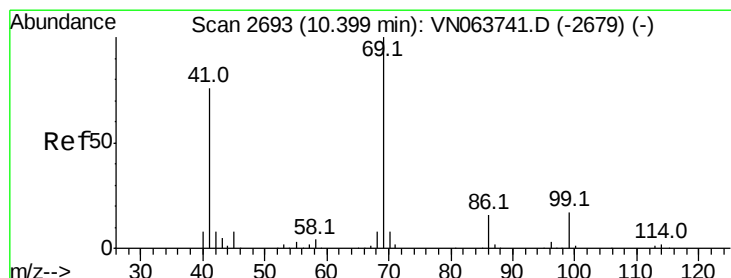
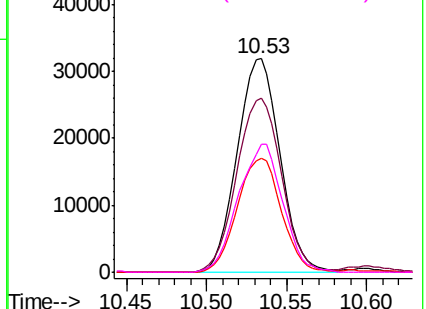
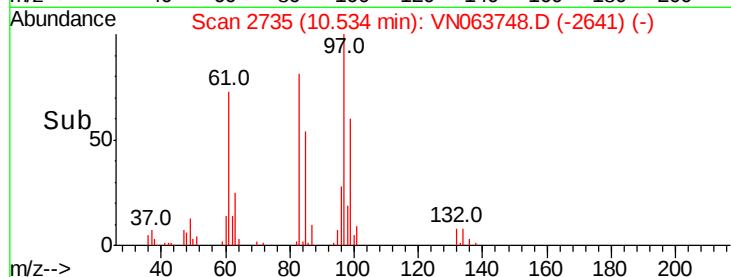


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 19.882 ug/l

RT: 10.40 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VN063748.D

Acq: 30 Sep 2020 14:44

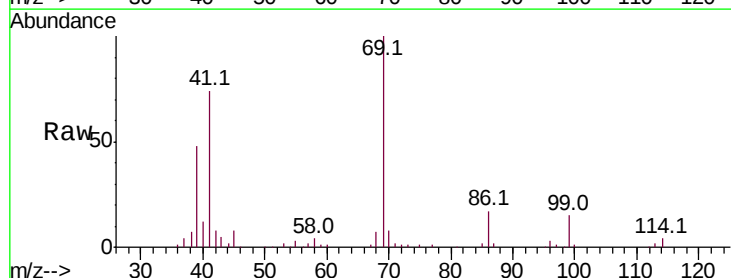
Tgt Ion: 69 Resp: 83142

Ion Ratio Lower Upper

69 100

41 77.1 61.1 91.7

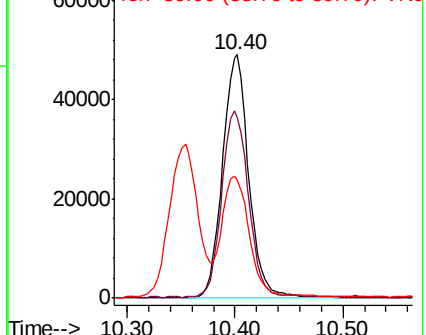
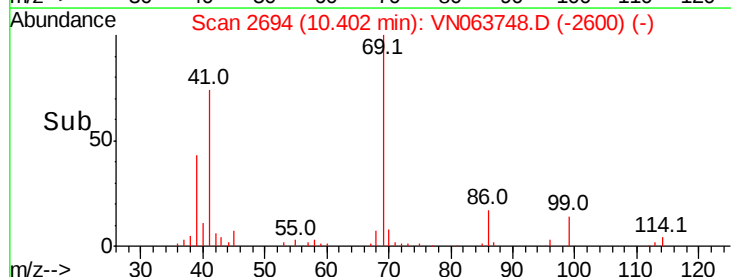
39 51.8 42.2 63.4

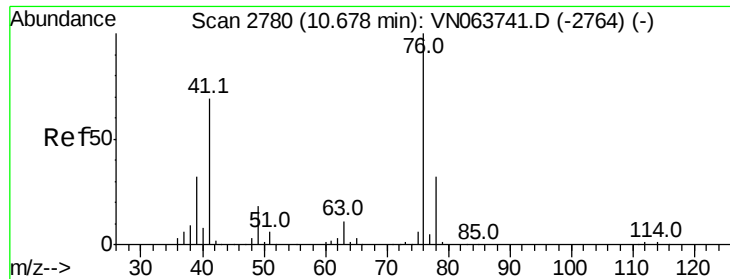


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 20.009 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN063748.D

Acq: 30 Sep 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

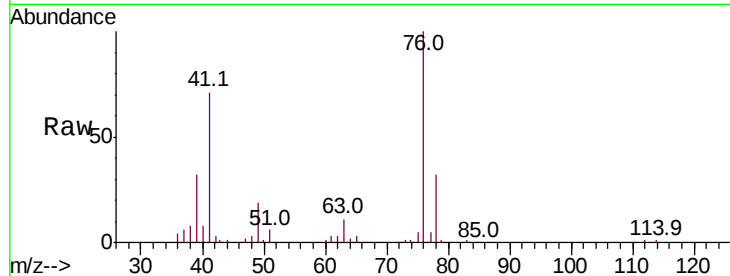
VN0930MBS01

Tot Ion: 76 Resp: 99871

Ion Ratio Lower Upper

76 100

78 32.1 25.2 37.8



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.68

60000

50000

40000

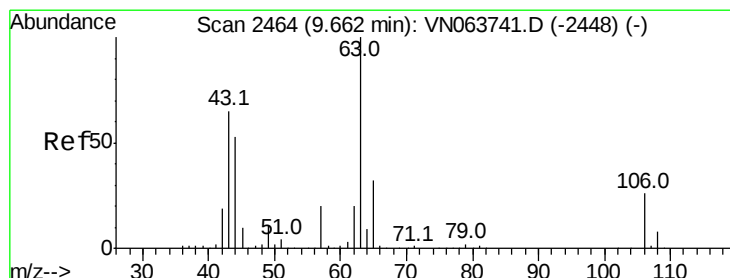
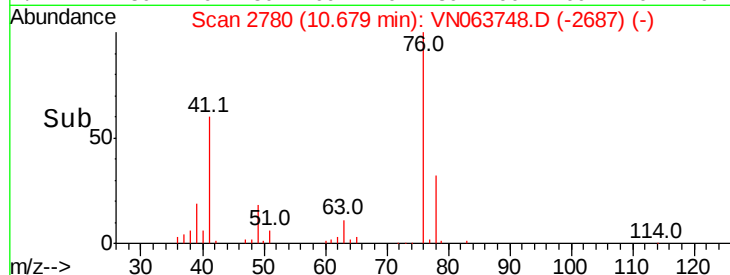
30000

20000

10000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 104.925 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN063748.D

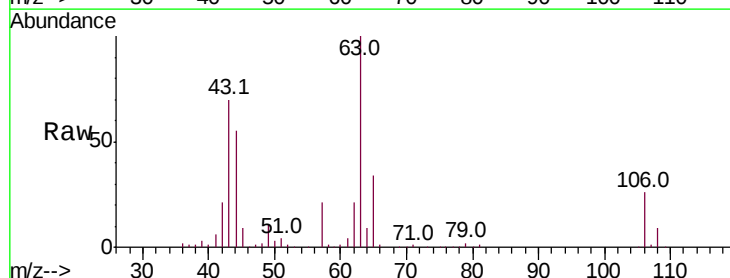
Acq: 30 Sep 2020 14:44

Tgt Ion: 63 Resp: 234703

Ion Ratio Lower Upper

63 100

106 26.1 20.7 31.1



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

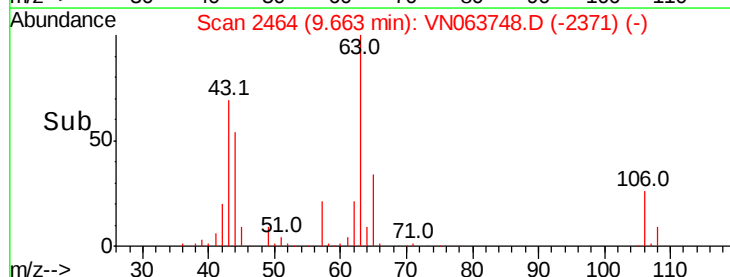
150000

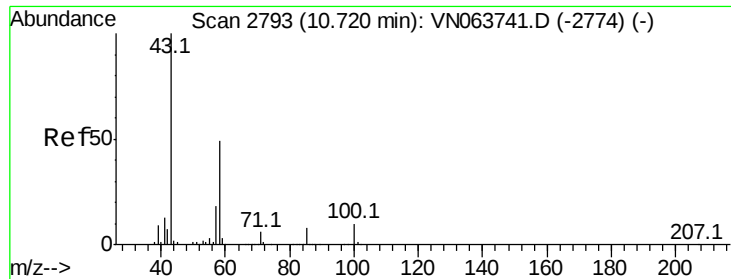
100000

50000

0

Time-->

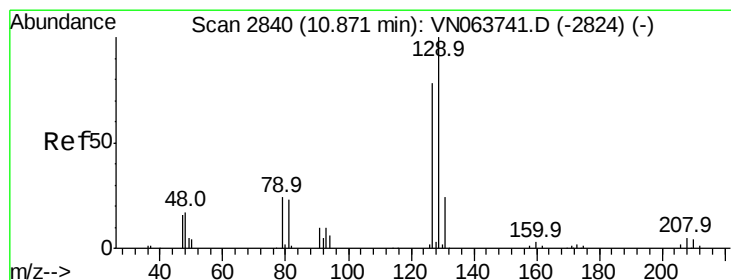
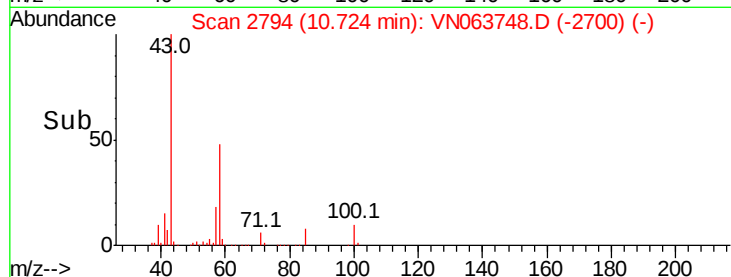
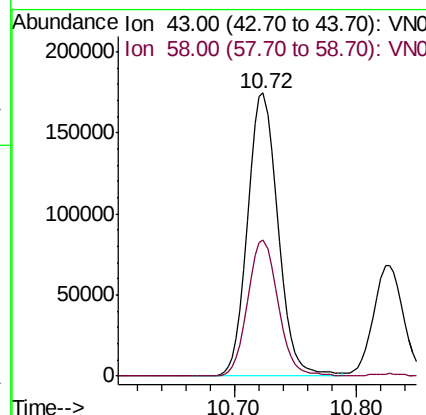
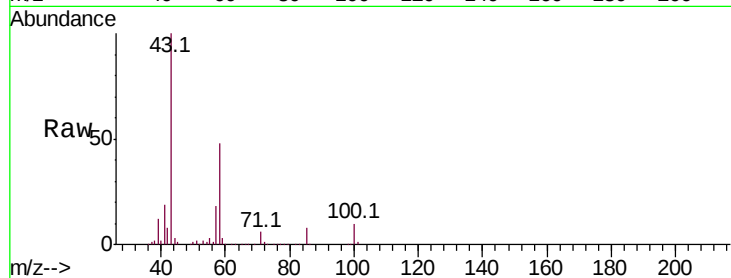




#59
2-Hexanone
Concen: 100.377 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063748.D
Acq: 30 Sep 2020 14:44

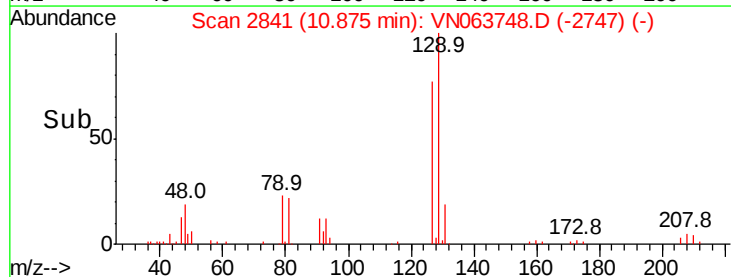
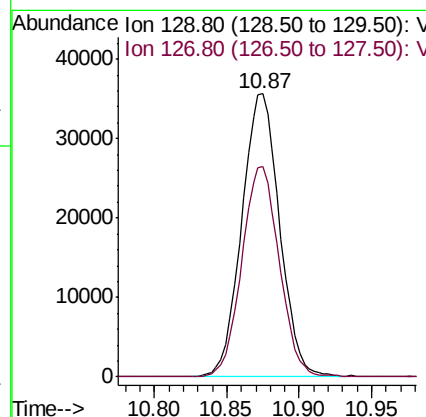
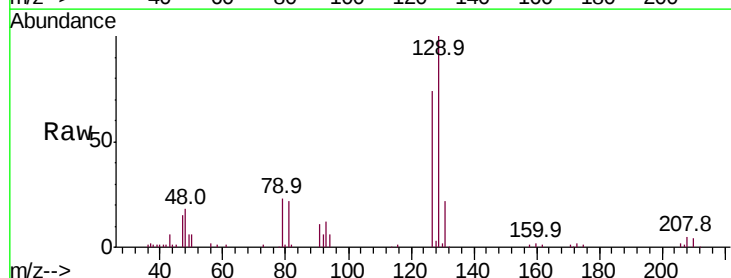
Instrument :
MSVOA_N
ClientSampleId :
VN0930MBS01

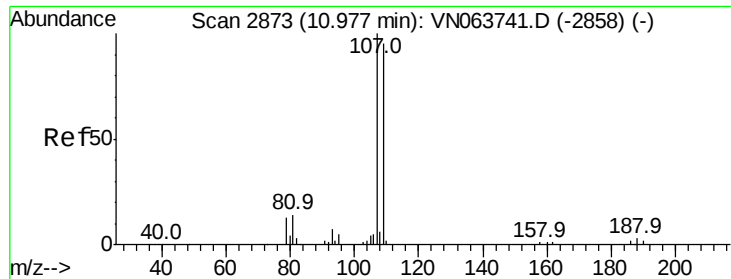
Tot Ion: 43 Resp: 298599
Ion Ratio Lower Upper
43 100
58 48.6 24.6 73.8



#60
Dibromochloromethane
Concen: 18.799 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063748.D
Acq: 30 Sep 2020 14:44

Tgt Ion: 129 Resp: 64589
Ion Ratio Lower Upper
129 100
127 73.6 38.9 116.7

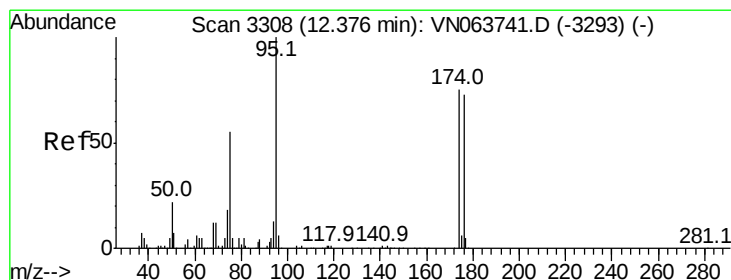
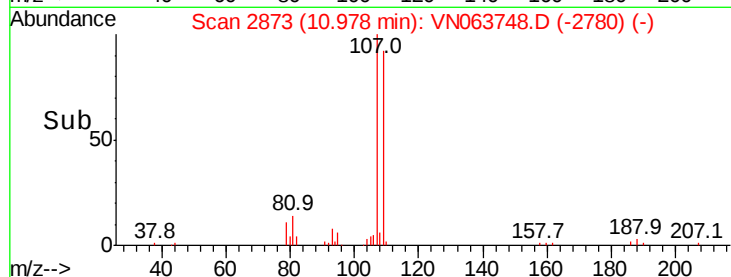
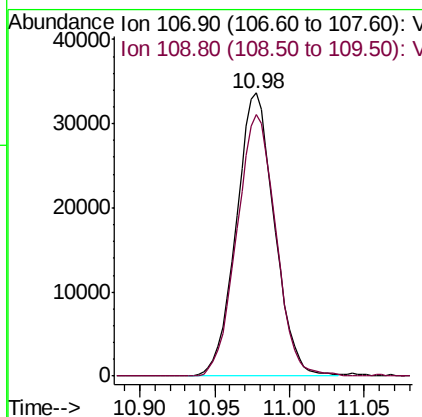
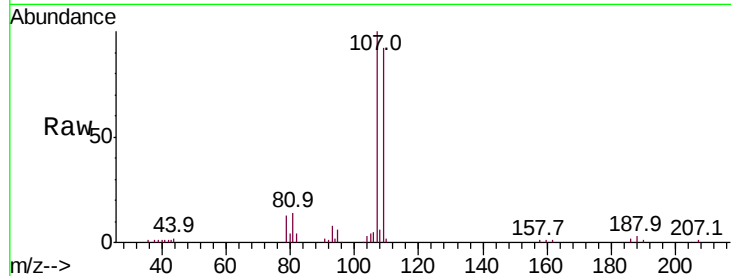




#61
 1,2-Dibromoethane
 Concen: 19.834 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN063748.D
 Acq: 30 Sep 2020 14:44

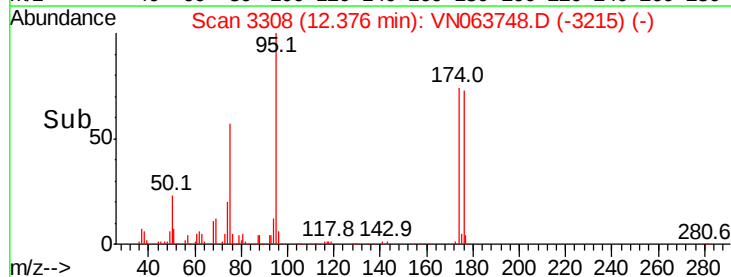
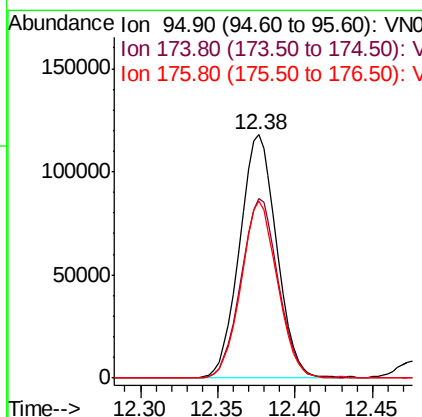
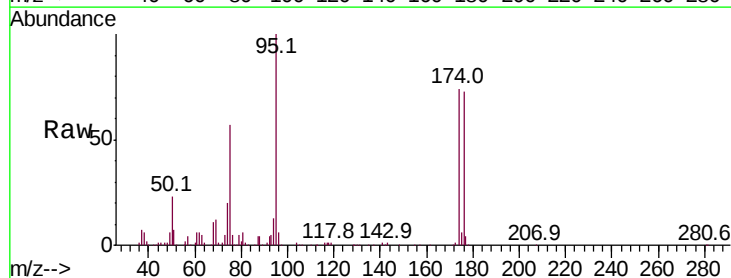
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0930MBS01

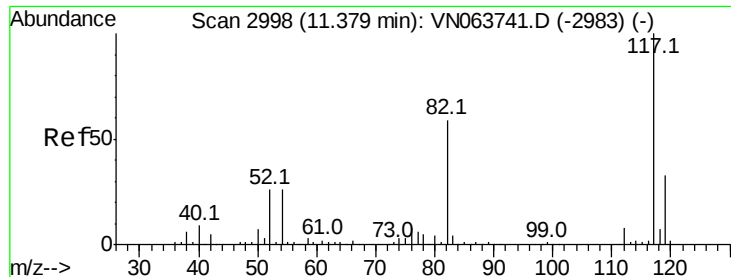
Tot Ion:107 Resp: 59854
 Ion Ratio Lower Upper
 107 100
 109 94.0 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 48.430 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN063748.D
 Acq: 30 Sep 2020 14:44

Tgt Ion: 95 Resp: 196822
 Ion Ratio Lower Upper
 95 100
 174 74.2 0.0 150.6
 176 70.9 0.0 145.4

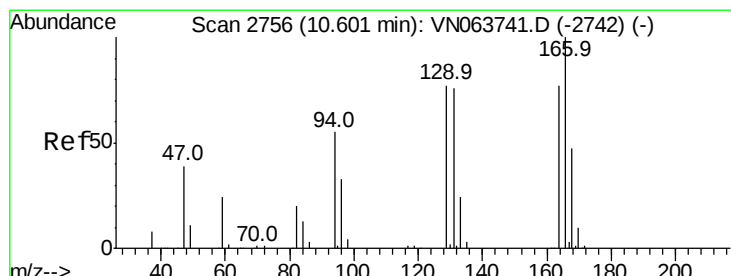
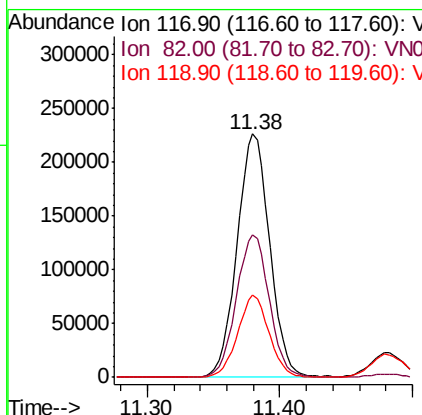
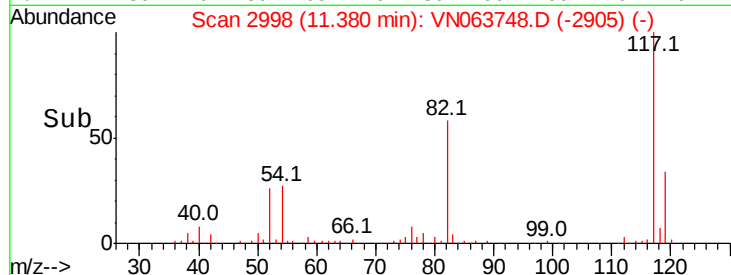
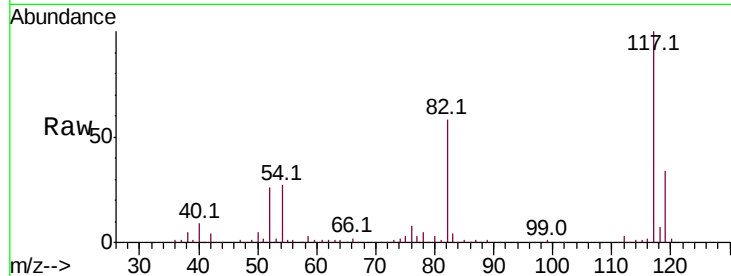




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.38 min Scan# 2998
 Delta R.T. 0.00 min
 Lab File: VN063748.D
 Acq: 30 Sep 2020 14:44

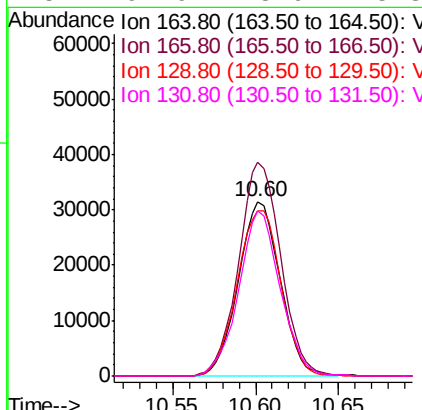
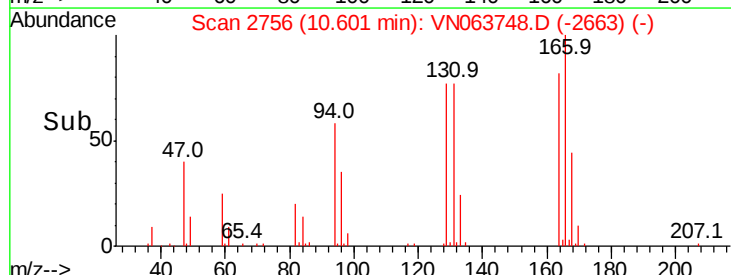
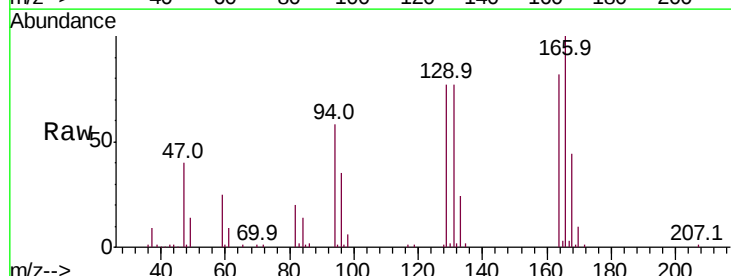
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0930MBS01

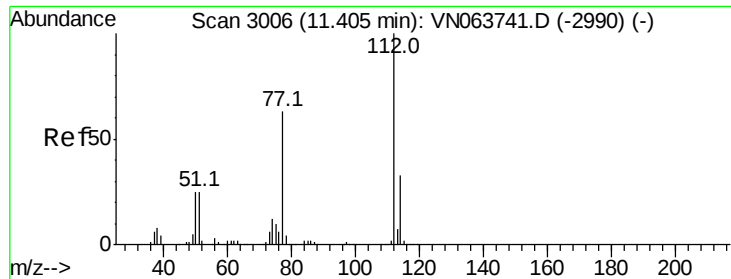
Tot Ion:	117	Resp:	387404
Ion	Ratio	Lower	Upper
117	100		
82	58.5	47.4	71.2
119	33.6	26.4	39.6



#64
 Tetrachloroethene
 Concen: 18.371 ug/l
 RT: 10.60 min Scan# 2756
 Delta R.T. 0.00 min
 Lab File: VN063748.D
 Acq: 30 Sep 2020 14:44

Tgt Ion:	164	Resp:	55062
Ion	Ratio	Lower	Upper
164	100		
166	122.7	103.9	155.9
129	94.8	80.3	120.5
131	94.9	78.9	118.3

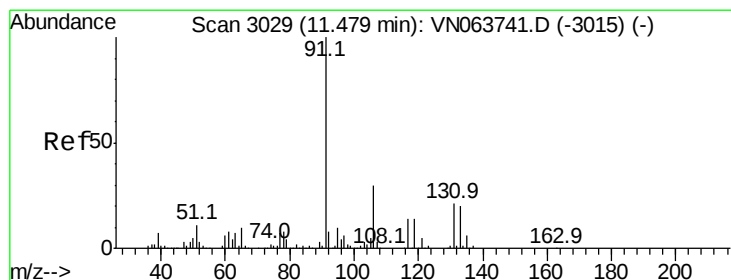
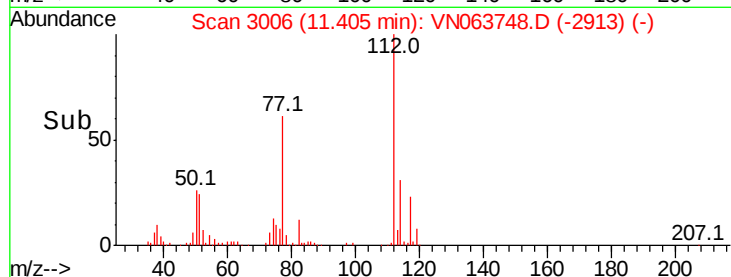
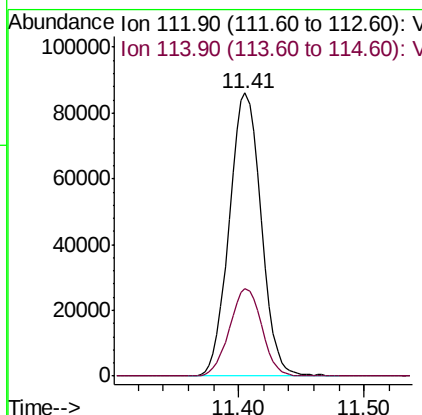
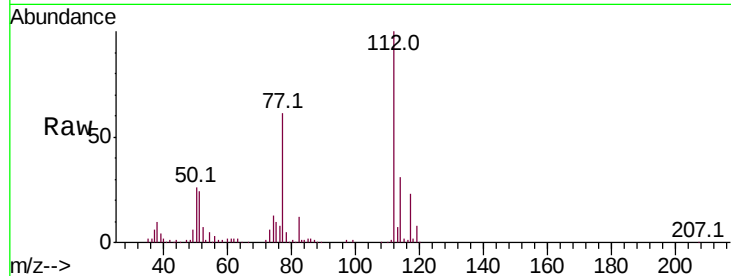




#65
Chlorobenzene
Concen: 19.158 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN063748.D
Acq: 30 Sep 2020 14:44

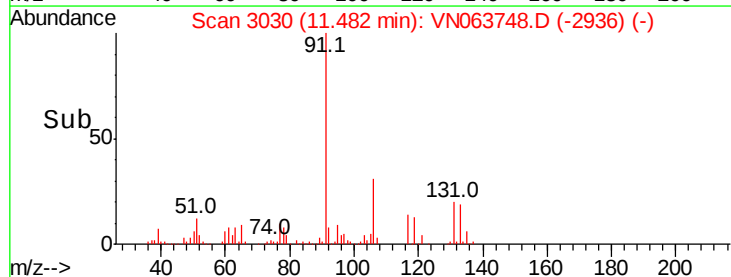
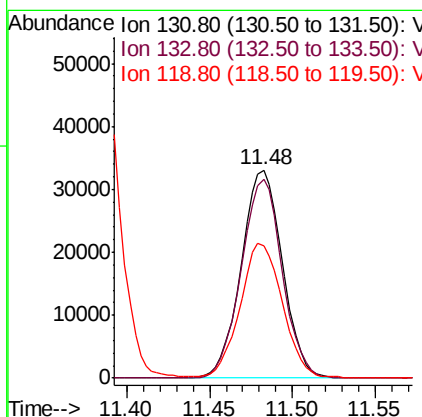
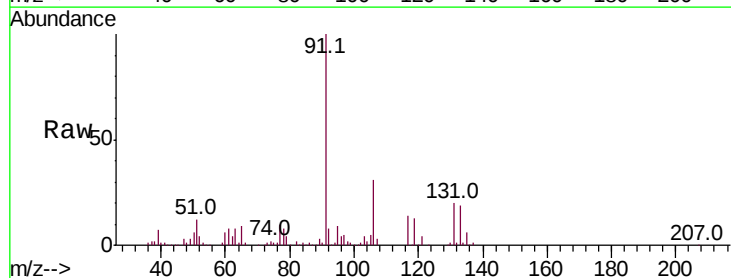
Instrument :
MSVOA_N
ClientSampleId :
VN0930MBS01

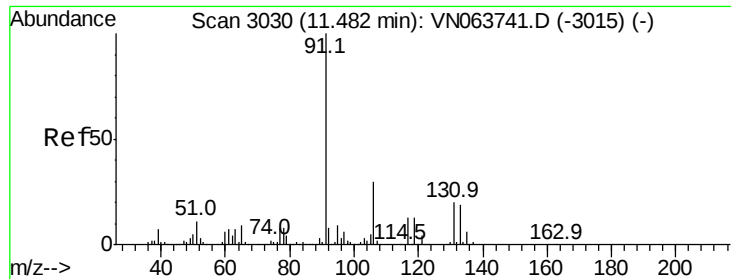
Tot Ion:112 Resp: 152248
Ion Ratio Lower Upper
112 100
114 31.0 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 18.703 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063748.D
Acq: 30 Sep 2020 14:44

Tgt Ion:131 Resp: 56981
Ion Ratio Lower Upper
131 100
133 95.3 47.3 141.8
119 67.2 32.6 97.7

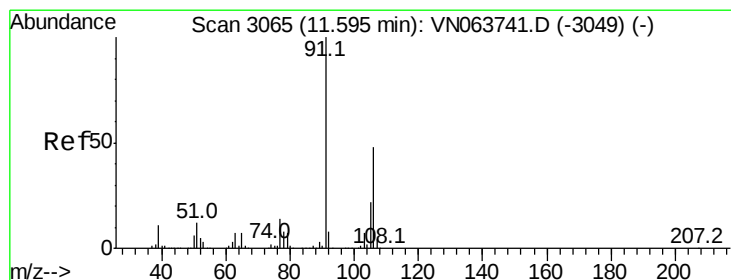
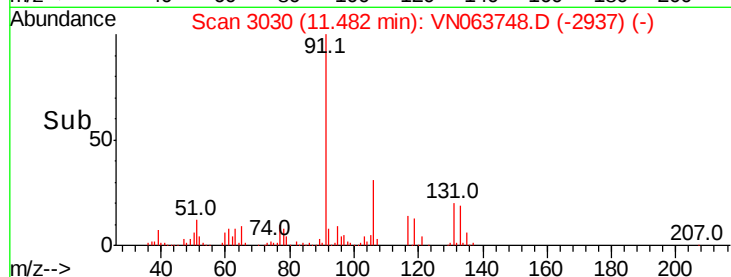
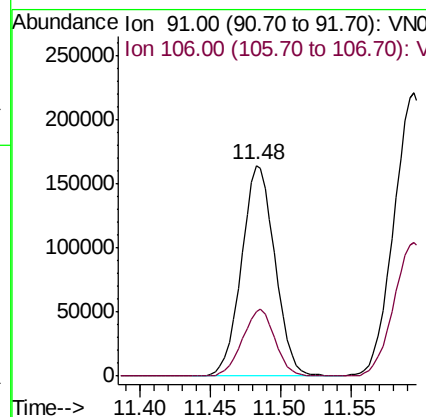
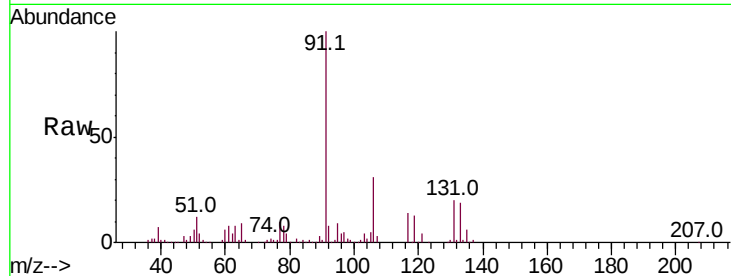




#67
Ethyl Benzene
Concen: 18.886 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063748.D
Acq: 30 Sep 2020 14:44

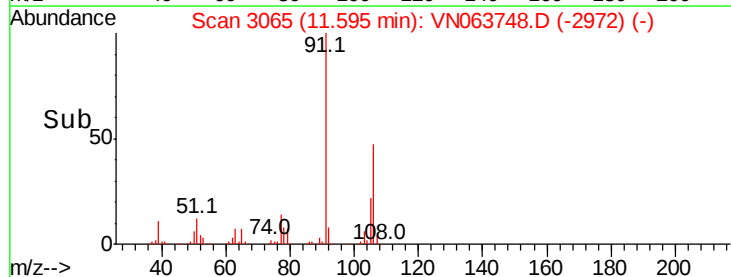
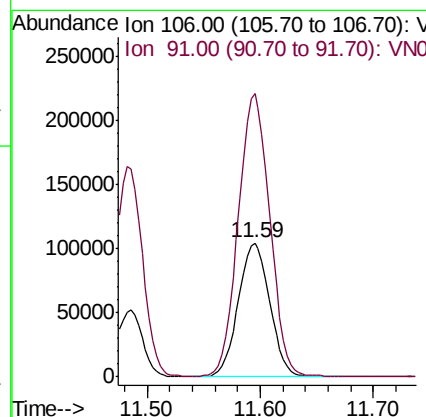
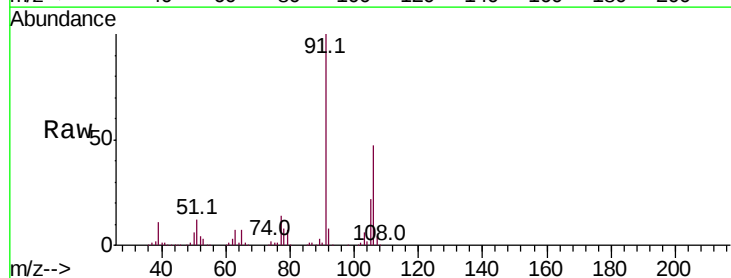
Instrument :
MSVOA_N
ClientSampled :
VN0930MBS01

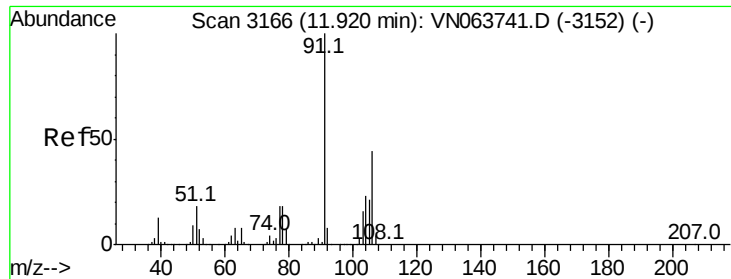
Tot Ion: 91 Resp: 273102
Ion Ratio Lower Upper
91 100
106 30.5 24.2 36.2



#68
m/p-Xylenes
Concen: 37.731 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN063748.D
Acq: 30 Sep 2020 14:44

Tgt Ion: 106 Resp: 203346
Ion Ratio Lower Upper
106 100
91 210.4 168.0 252.0

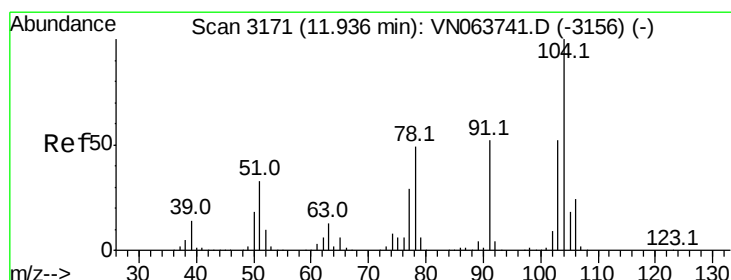
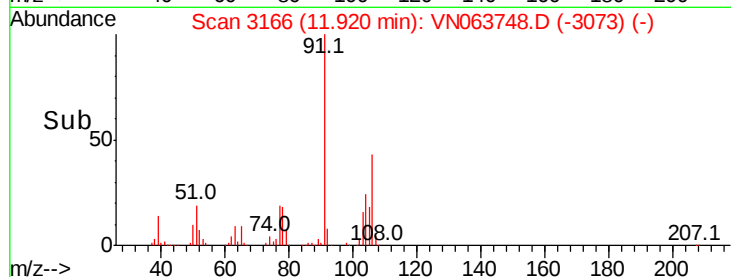
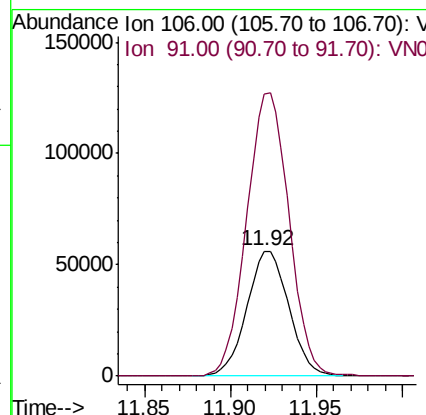
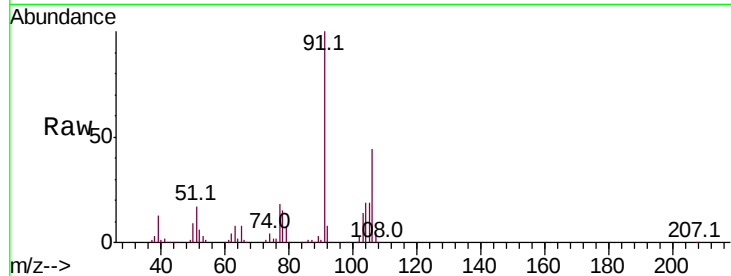




#69
o-Xylene
Concen: 18.855 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN063748.D
Acq: 30 Sep 2020 14:44

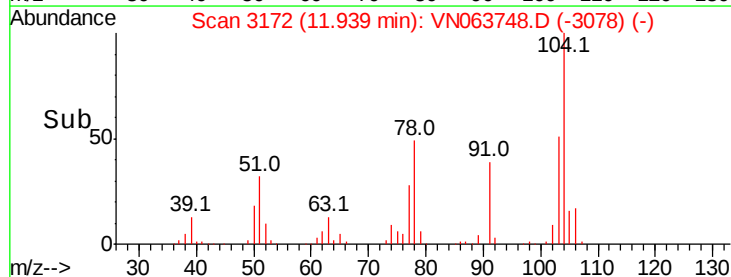
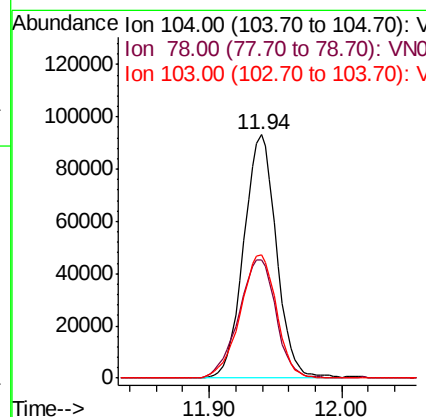
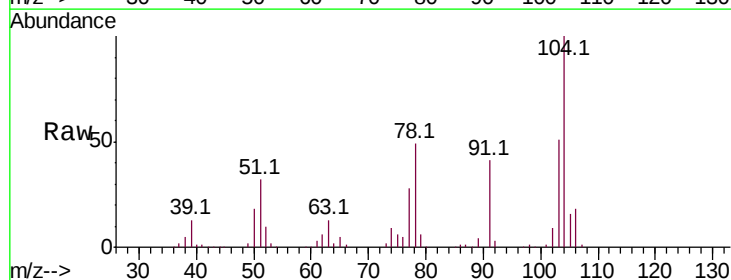
Instrument :
MSVOA_N
ClientSampled :
VN0930MBS01

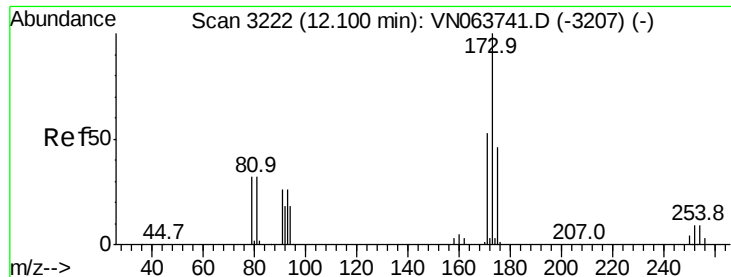
Tot Ion:106 Resp: 94976
Ion Ratio Lower Upper
106 100
91 229.7 112.7 338.0



#70
Styrene
Concen: 18.635 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN063748.D
Acq: 30 Sep 2020 14:44

Tgt Ion:104 Resp: 159340
Ion Ratio Lower Upper
104 100
78 55.6 44.1 66.1
103 56.0 44.3 66.5





#71

Bromoform

Concen: 18.114 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN063748.D

Acq: 30 Sep 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

VN0930MBS01

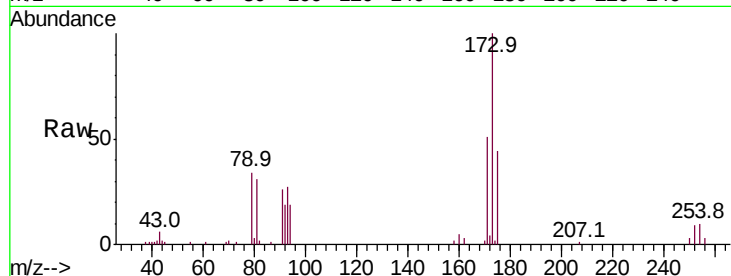
Tot Ion:173 Resp: 42206

Ion Ratio Lower Upper

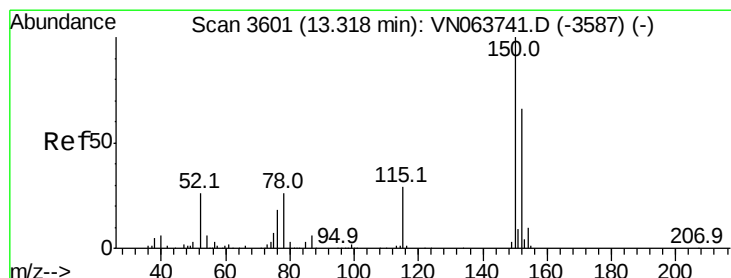
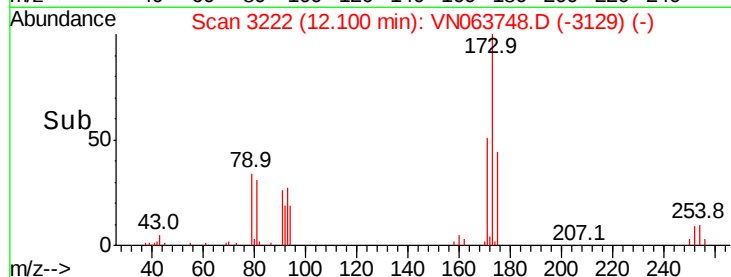
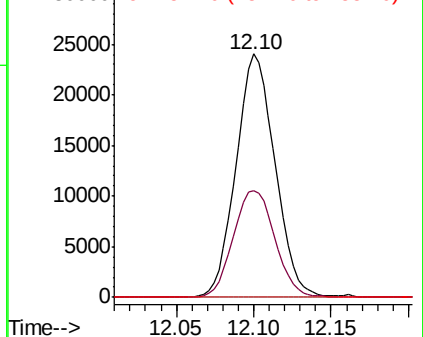
173 100

175 46.6 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: VN063748.D

Acq: 30 Sep 2020 14:44

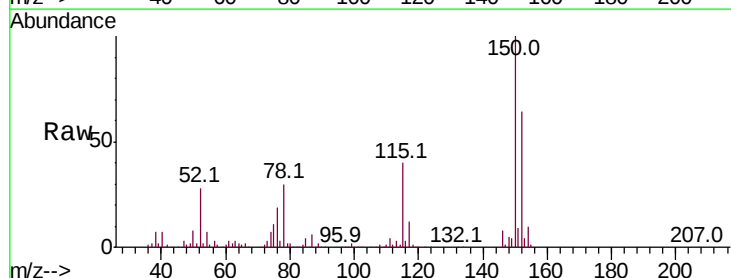
Tgt Ion:152 Resp: 184223

Ion Ratio Lower Upper

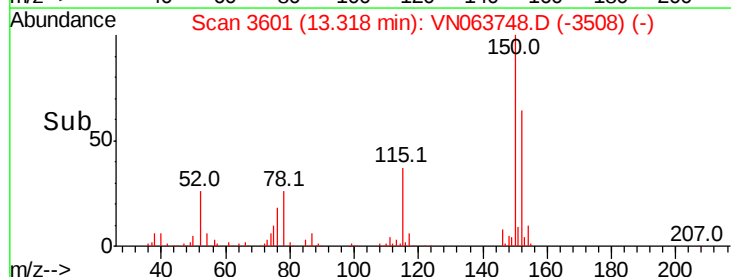
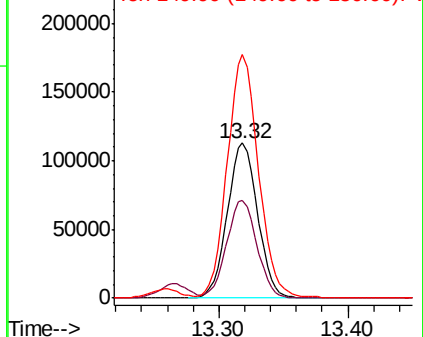
152 100

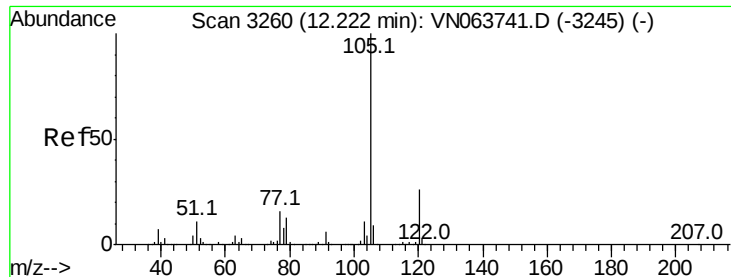
115 62.8 31.3 93.8

150 161.0 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: 19.346 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063748.D

Acq: 30 Sep 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

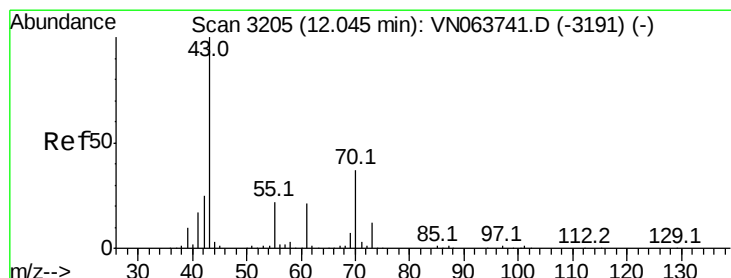
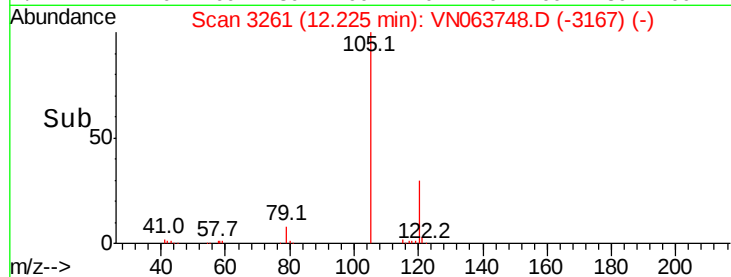
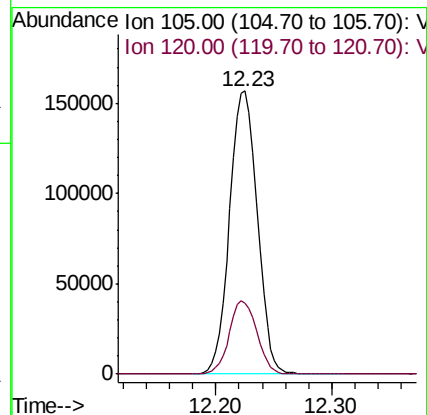
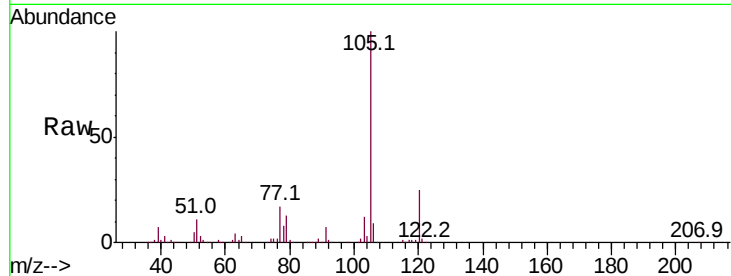
VN0930MBS01

Tot Ion:105 Resp: 259949

Ion Ratio Lower Upper

105 100

120 25.8 12.6 37.8



#74

N-ethyl acetate

Concen: 19.526 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN063748.D

Acq: 30 Sep 2020 14:44

Tgt Ion: 43 Resp: 113118

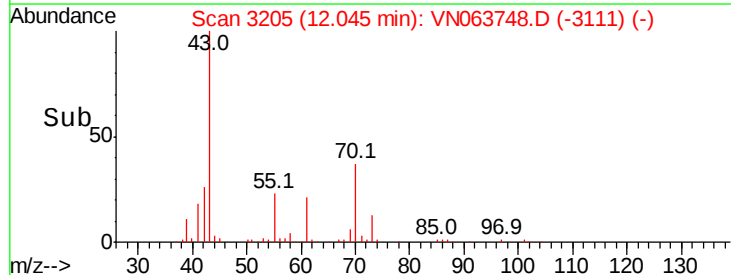
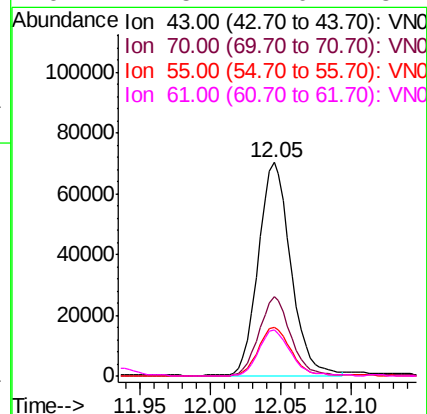
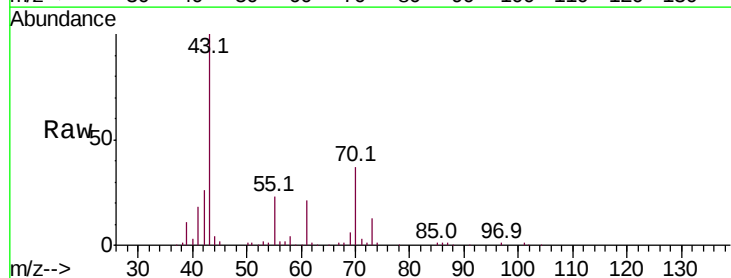
Ion Ratio Lower Upper

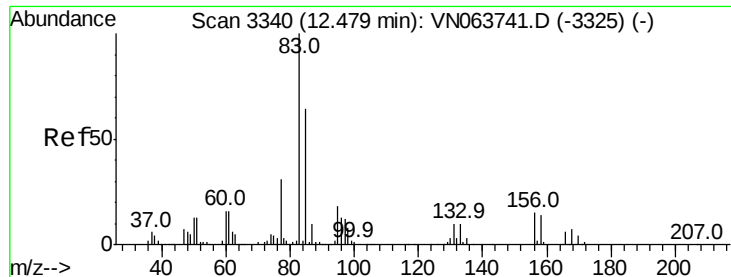
43 100

70 36.9 29.8 44.8

55 23.3 17.9 26.9

61 21.5 17.0 25.4





#75

1,1,2,2-Tetrachloroethane

Concen: 19.909 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN063748.D

Acq: 30 Sep 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

VN0930MBS01

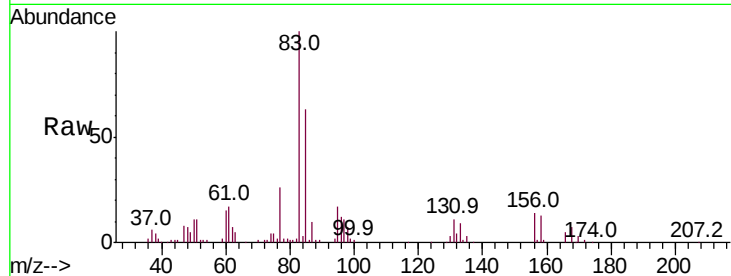
Tot Ion: 83 Resp: 81806

Ion Ratio Lower Upper

83 100

131 10.2 5.3 15.8

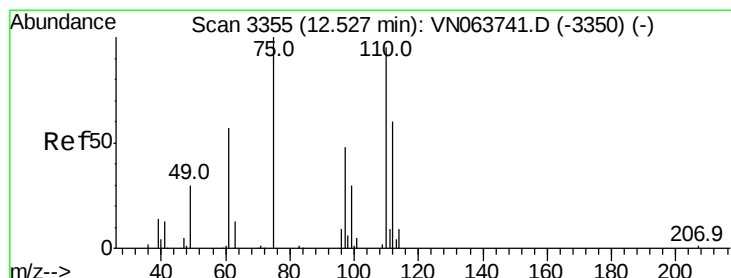
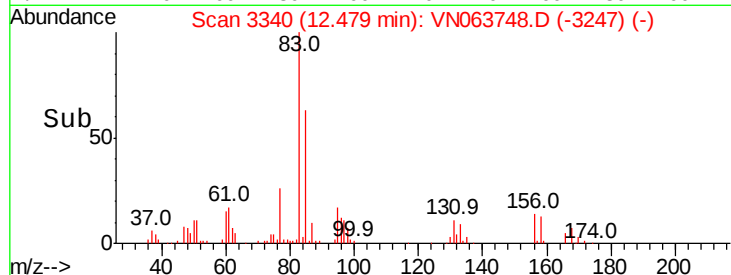
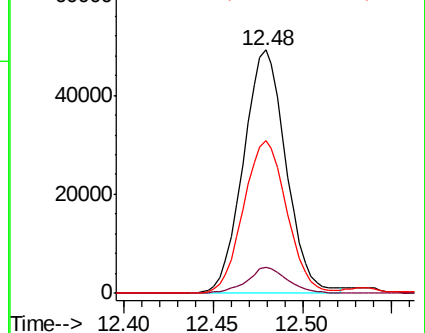
85 63.9 31.3 93.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 28.324 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN063748.D

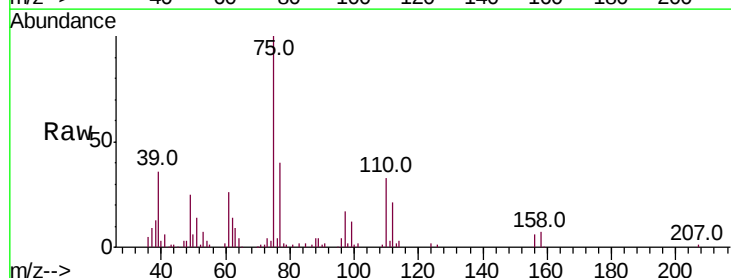
Acq: 30 Sep 2020 14:44

Tgt Ion: 75 Resp: 115025

Ion Ratio Lower Upper

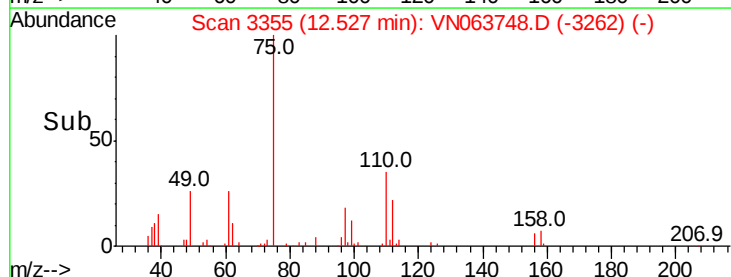
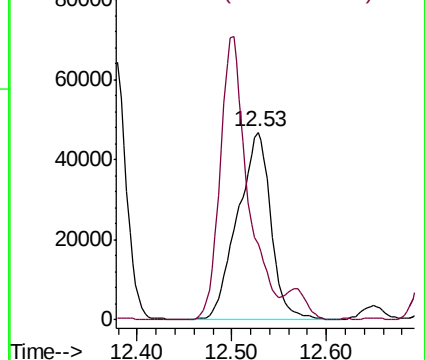
75 100

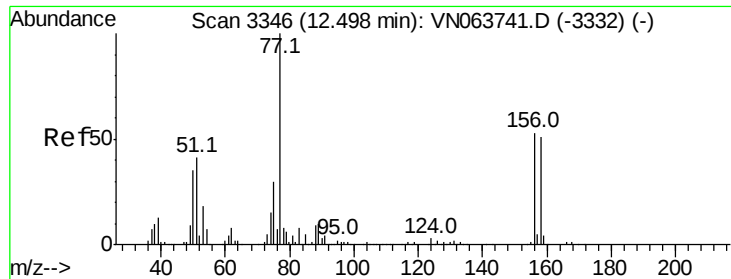
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 19.547 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN063748.D

Acq: 30 Sep 2020 14:44

Instrument :

MSVOA_N

ClientSampled :

VN0930MBS01

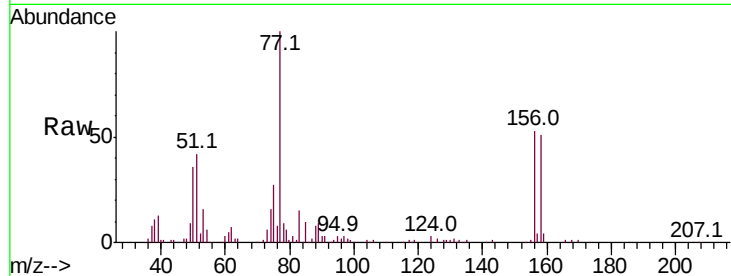
Tot Ion:156 Resp: 64450

Ion Ratio Lower Upper

156 100

77 223.8 110.9 332.7

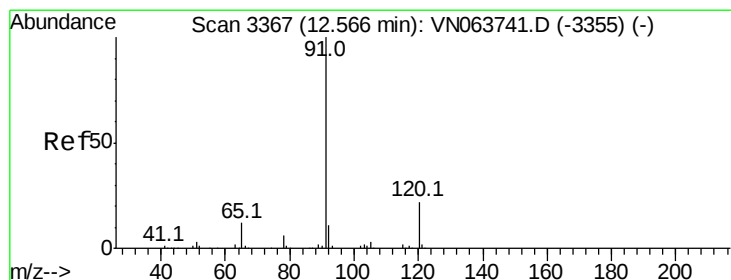
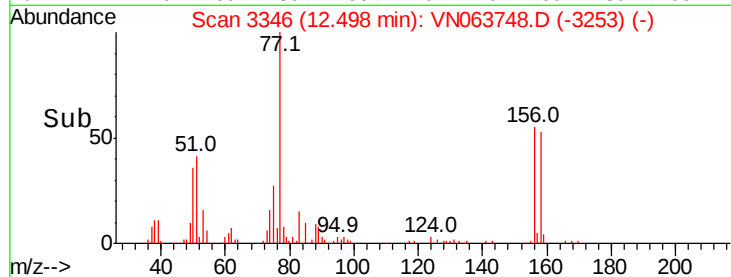
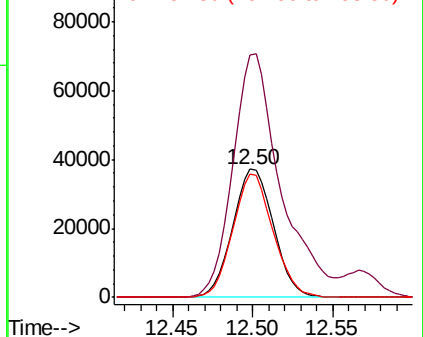
158 95.3 47.7 143.1



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: 19.233 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN063748.D

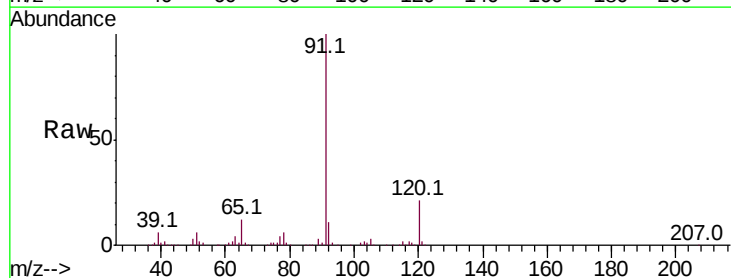
Acq: 30 Sep 2020 14:44

Tgt Ion: 91 Resp: 300765

Ion Ratio Lower Upper

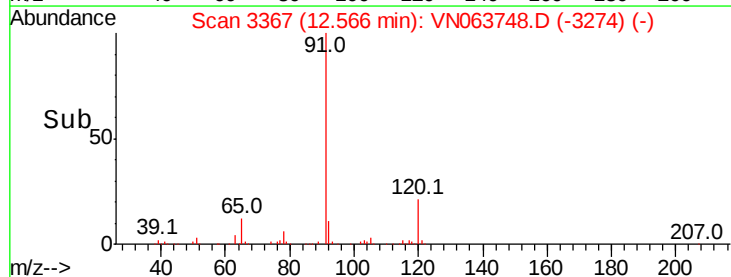
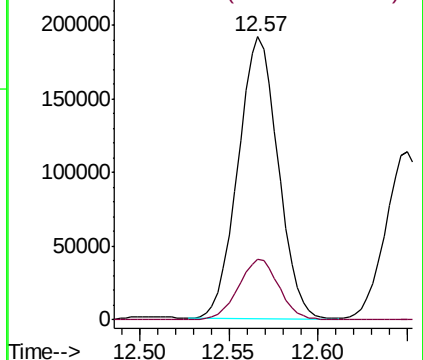
91 100

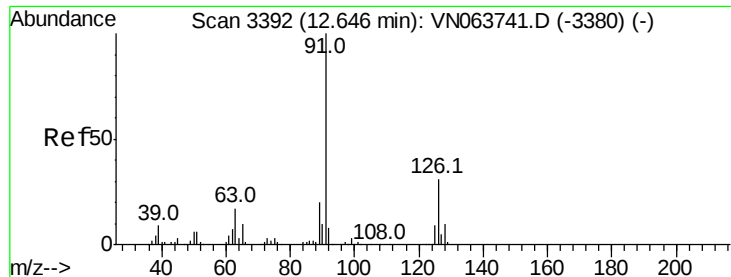
120 21.7 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

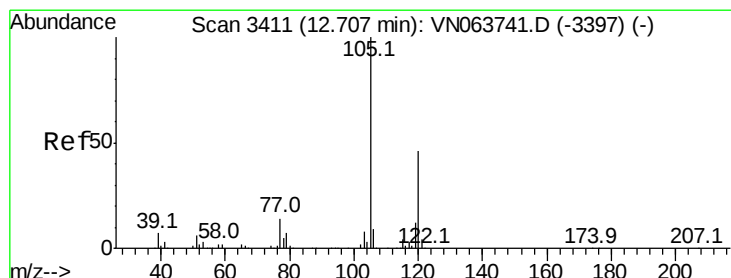
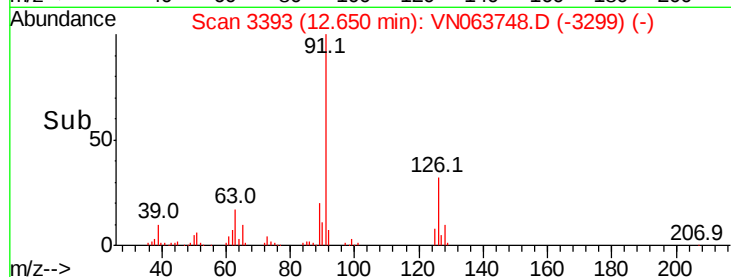
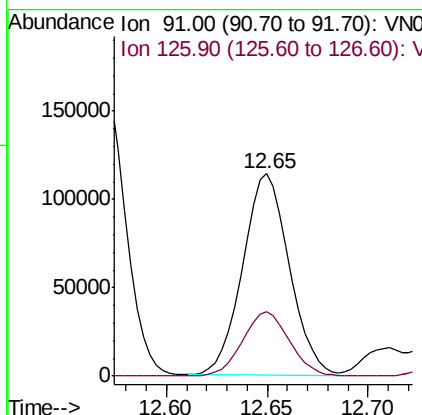
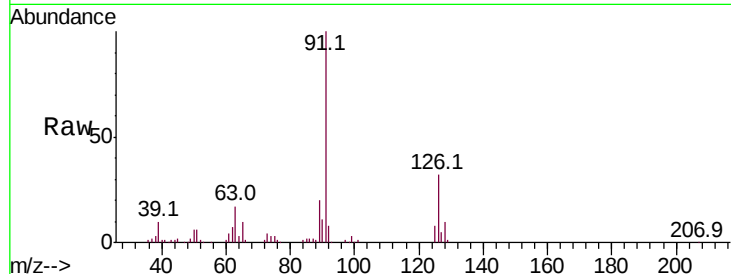




#79
 2-Chlorotoluene
 Concen: 19.182 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. 0.00 min
 Lab File: VN063748.D
 Acq: 30 Sep 2020 14:44

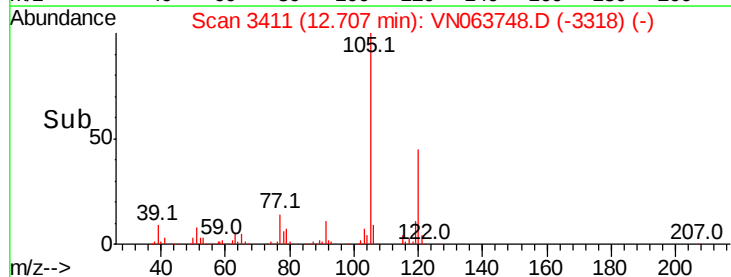
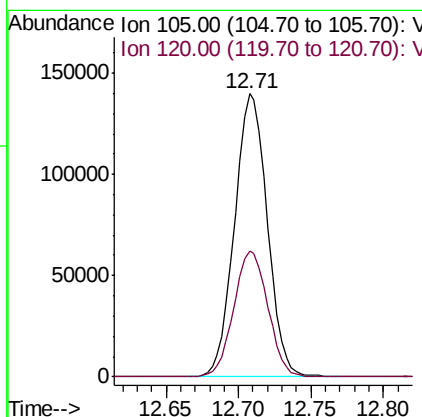
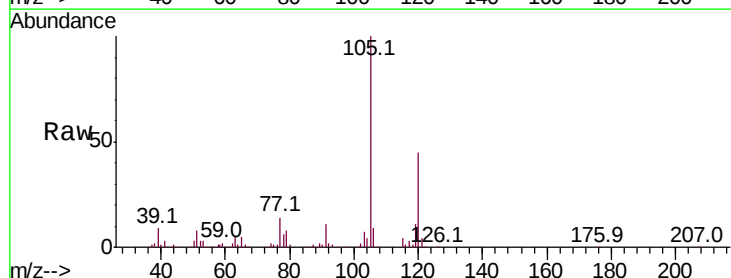
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0930MBS01

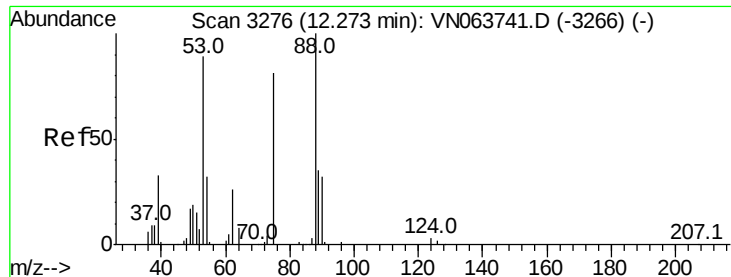
Tot Ion: 91 Resp: 184487
 Ion Ratio Lower Upper
 91 100
 126 32.3 15.9 47.7



#80
 1,3,5-Trimethylbenzene
 Concen: 19.461 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN063748.D
 Acq: 30 Sep 2020 14:44

Tgt Ion:105 Resp: 219381
 Ion Ratio Lower Upper
 105 100
 120 46.3 23.3 69.9





#81

trans-1,4-Dichloro-2-butene

Concen: 18.530 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN063748.D

Acq: 30 Sep 2020 14:44

Instrument :

MSVOA_N

ClientSampled :

VN0930MBS01

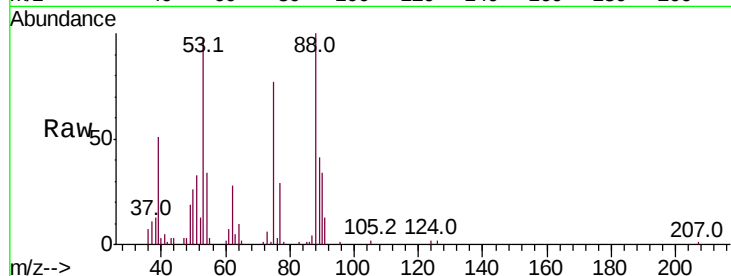
Tot Ion: 75 Resp: 26127

Ion Ratio Lower Upper

75 100

53 115.5 88.2 132.2

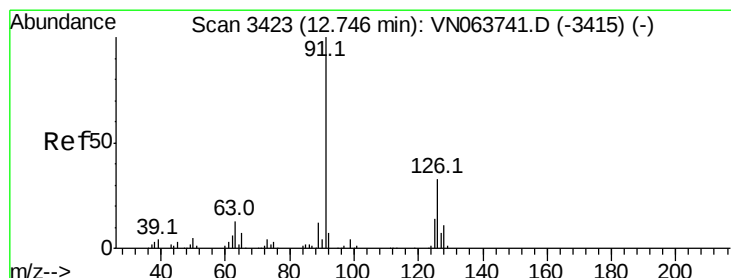
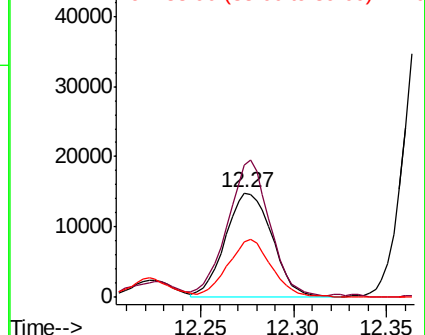
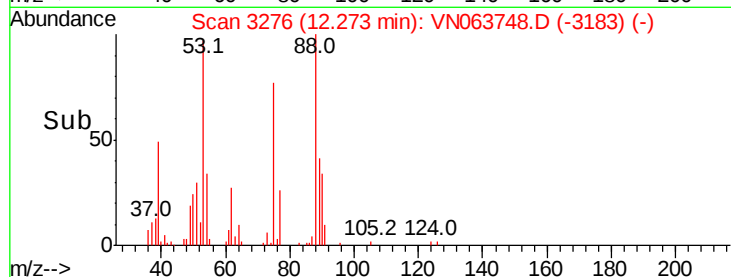
89 51.9 36.0 54.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 19.389 ug/l

RT: 12.75 min Scan# 3424

Delta R.T. 0.00 min

Lab File: VN063748.D

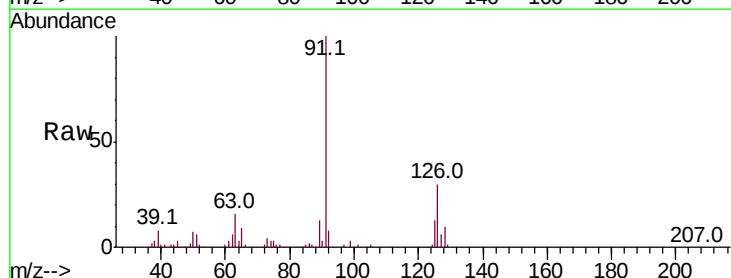
Acq: 30 Sep 2020 14:44

Tgt Ion: 91 Resp: 193584

Ion Ratio Lower Upper

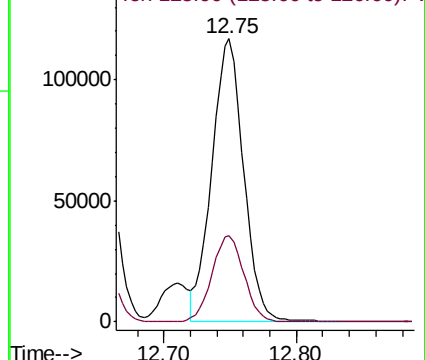
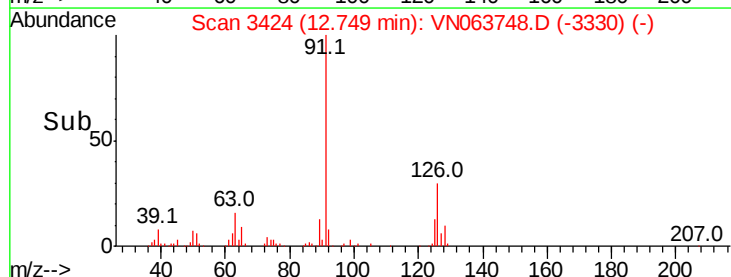
91 100

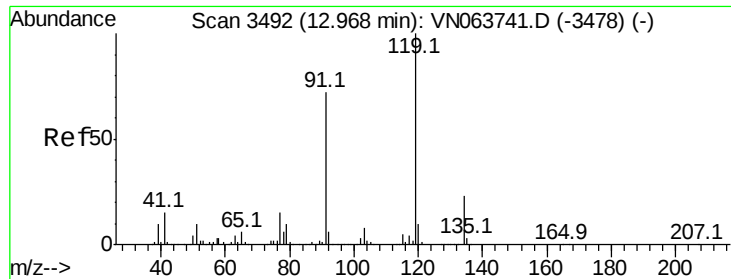
126 30.3 15.4 46.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

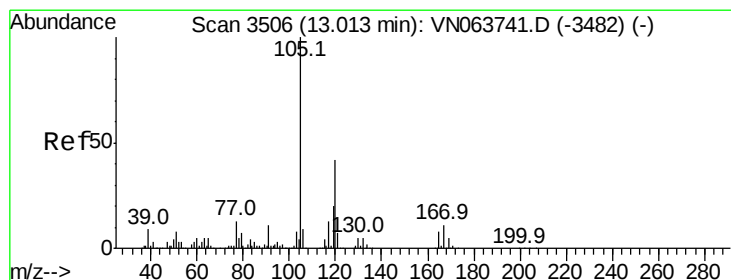
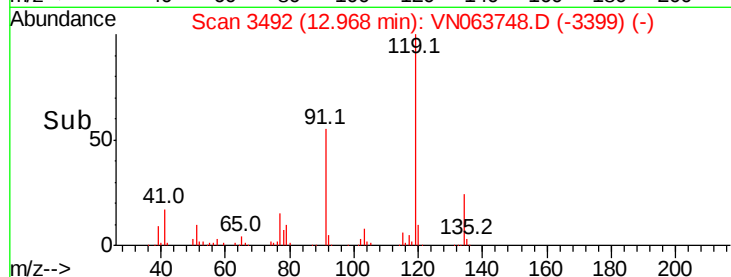
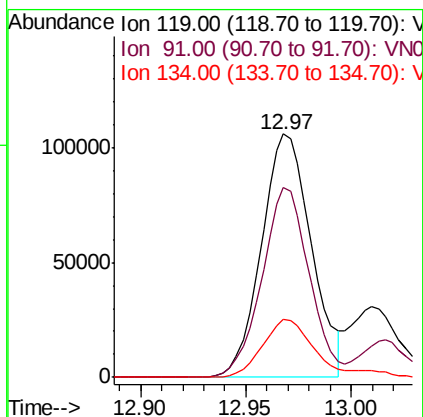
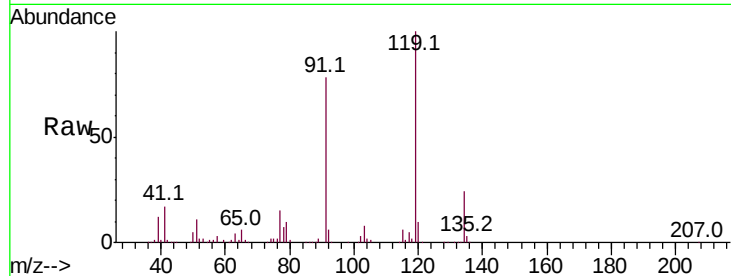




#83
 tert-Butylbenzene
 Concen: 18.918 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN063748.D
 Acq: 30 Sep 2020 14:44

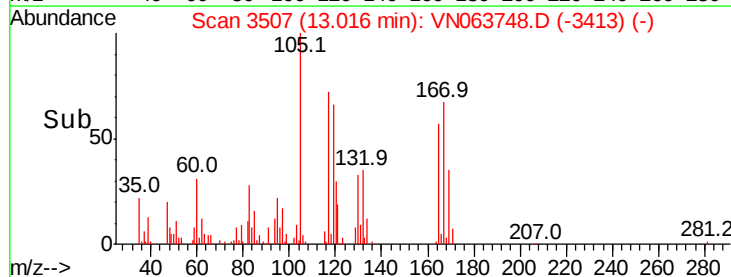
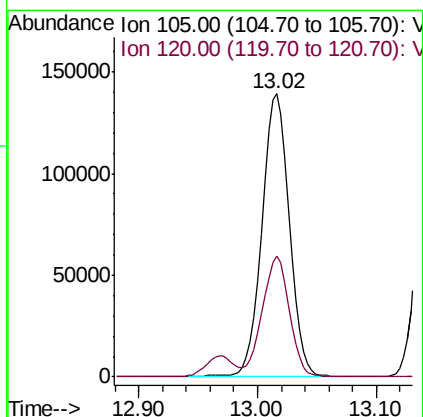
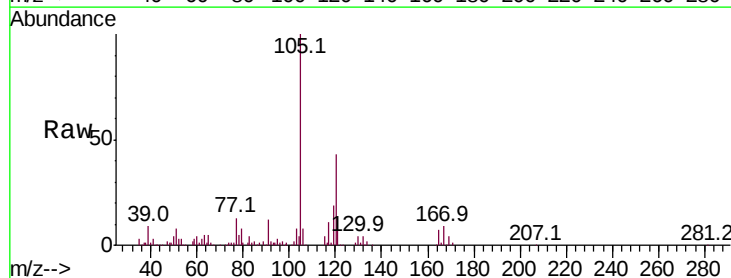
Instrument :
 MSVOA_N
 ClientSampled :
 VN0930MBS01

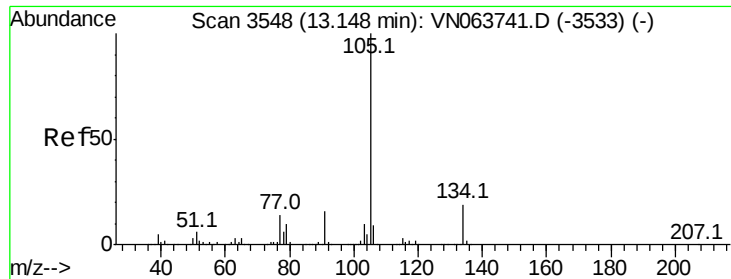
Tot Ion:119 Resp: 174448
 Ion Ratio Lower Upper
 119 100
 91 74.1 35.5 106.5
 134 24.5 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 19.755 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN063748.D
 Acq: 30 Sep 2020 14:44

Tgt Ion:105 Resp: 222339
 Ion Ratio Lower Upper
 105 100
 120 41.8 20.9 62.7





#85

sec-Butylbenzene

Concen: 19.382 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063748.D

Acq: 30 Sep 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

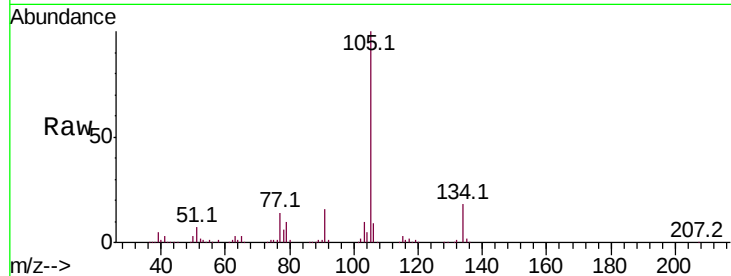
VN0930MBS01

Tot Ion:105 Resp: 234744

Ion Ratio Lower Upper

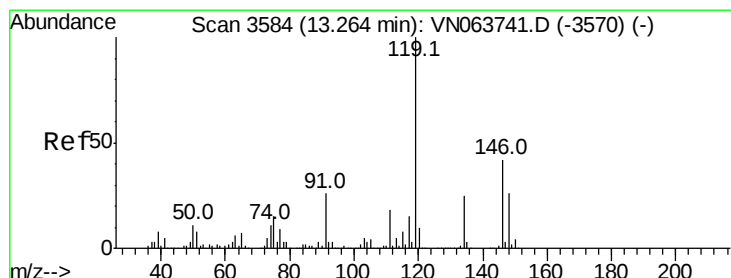
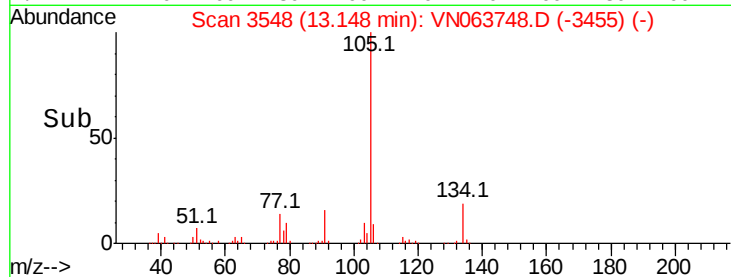
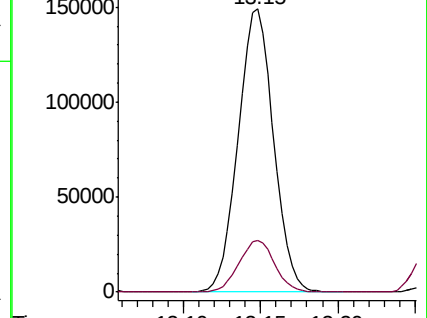
105 100

134 18.4 9.5 28.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.505 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN063748.D

Acq: 30 Sep 2020 14:44

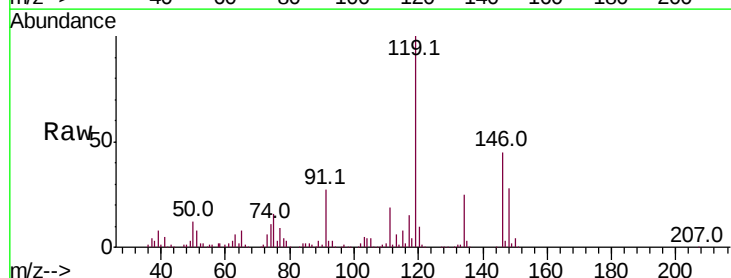
Tgt Ion:119 Resp: 208980

Ion Ratio Lower Upper

119 100

134 25.2 12.6 37.8

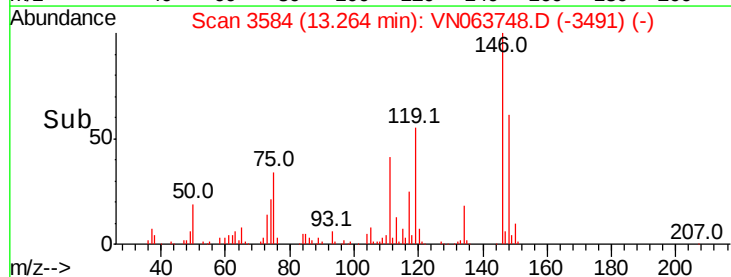
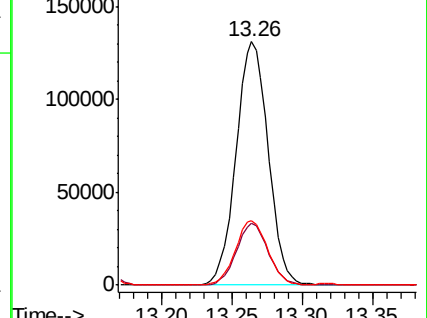
91 26.3 13.4 40.2

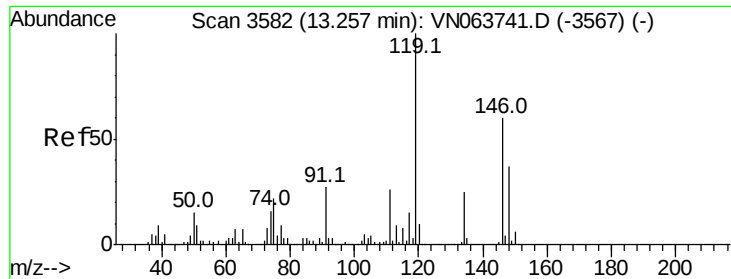


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

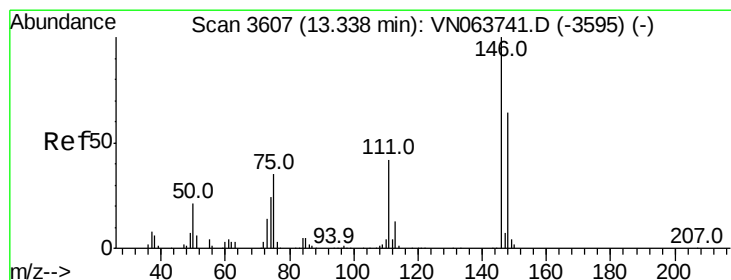
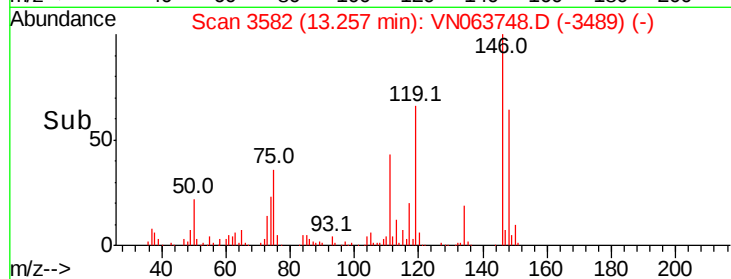
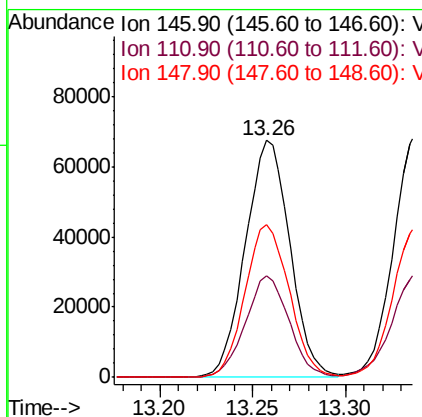
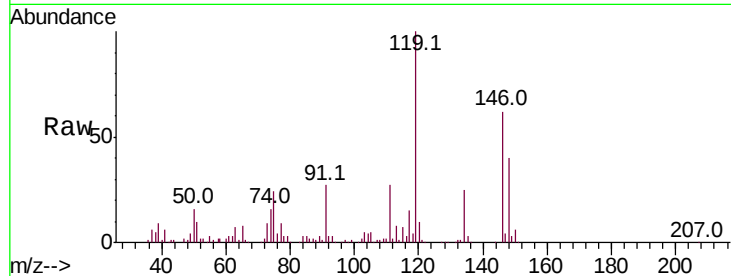




#87
 1,3-Dichlorobenzene
 Concen: 18.918 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN063748.D
 Acq: 30 Sep 2020 14:44

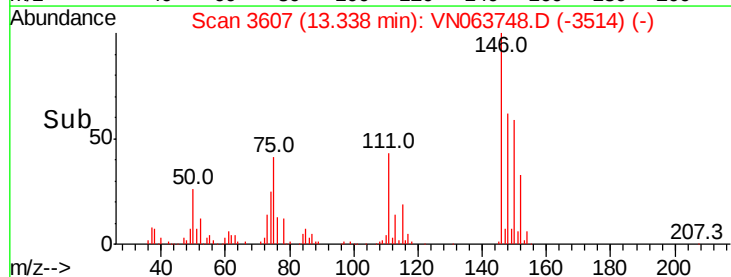
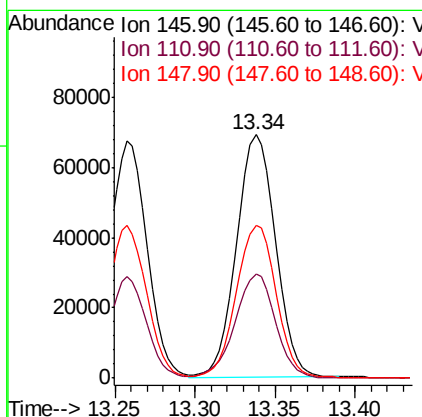
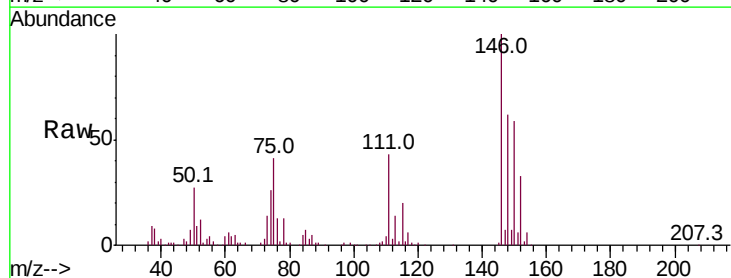
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0930MBS01

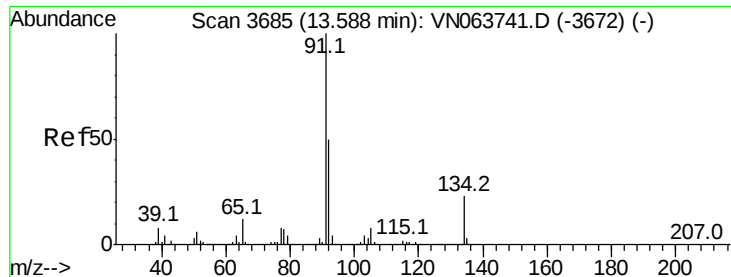
Tot Ion:146 Resp: 112845
 Ion Ratio Lower Upper
 146 100
 111 42.0 21.5 64.5
 148 64.0 31.1 93.3



#88
 1,4-Dichlorobenzene
 Concen: 18.497 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN063748.D
 Acq: 30 Sep 2020 14:44

Tgt Ion:146 Resp: 114881
 Ion Ratio Lower Upper
 146 100
 111 44.0 21.3 63.7
 148 63.9 32.0 96.0

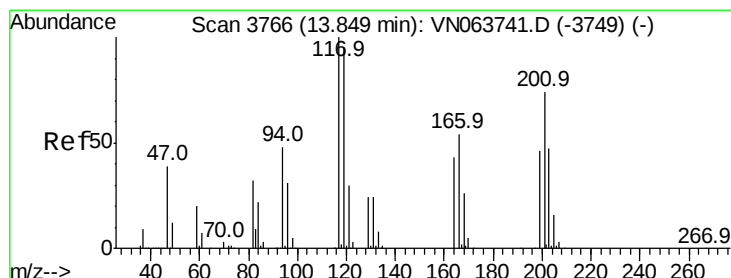
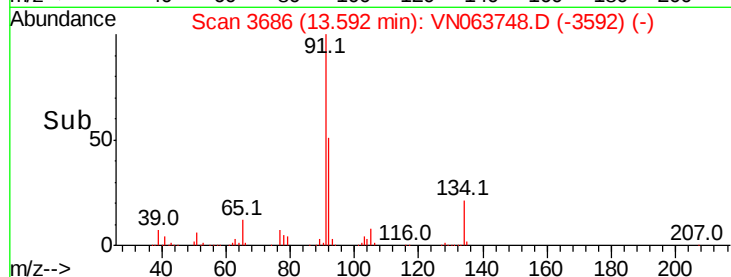
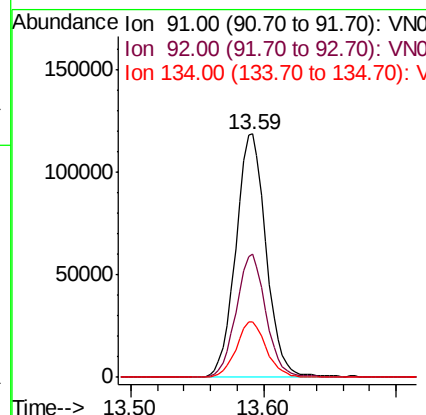
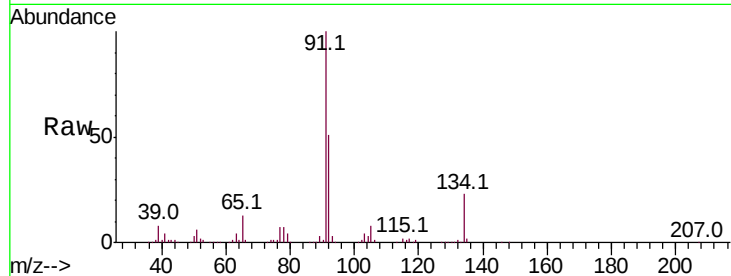




#89
n-Butylbenzene
Concen: 18.991 ug/l
RT: 13.59 min Scan# 3686
Delta R.T. 0.00 min
Lab File: VN063748.D
Acq: 30 Sep 2020 14:44

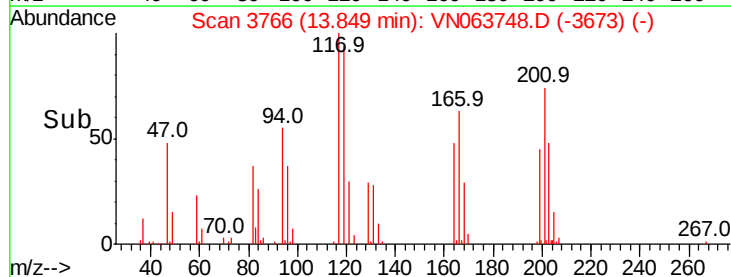
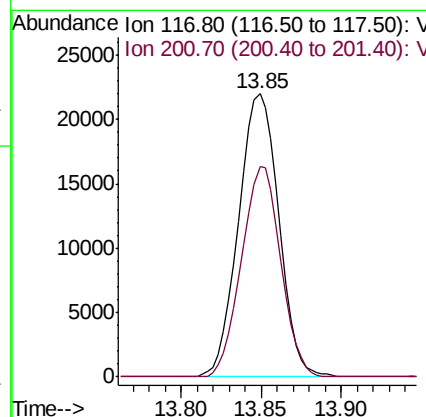
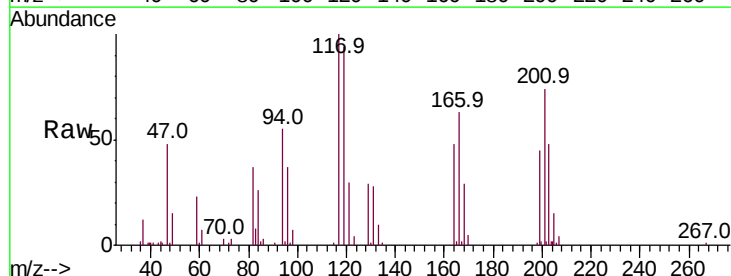
Instrument :
MSVOA_N
ClientSampleId :
VN0930MBS01

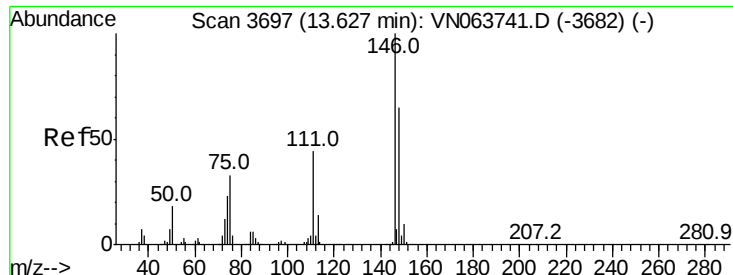
Tot Ion: 91 Resp: 187803
Ion Ratio Lower Upper
91 100
92 49.9 25.4 76.4
134 22.9 11.7 35.1



#90
Hexachloroethane
Concen: 18.129 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN063748.D
Acq: 30 Sep 2020 14:44

Tgt Ion: 117 Resp: 37640
Ion Ratio Lower Upper
117 100
201 72.2 36.0 108.0

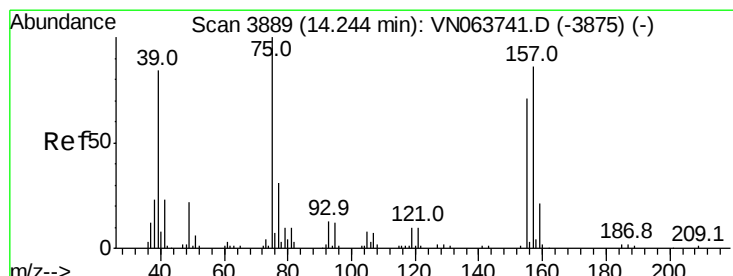
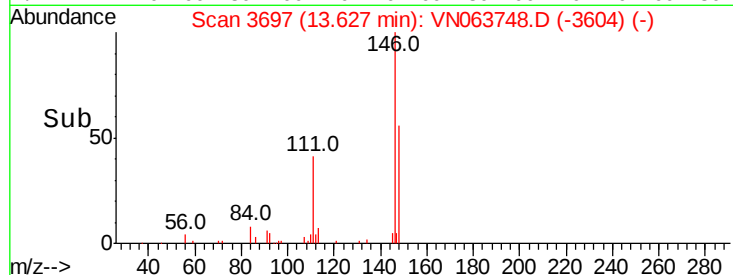
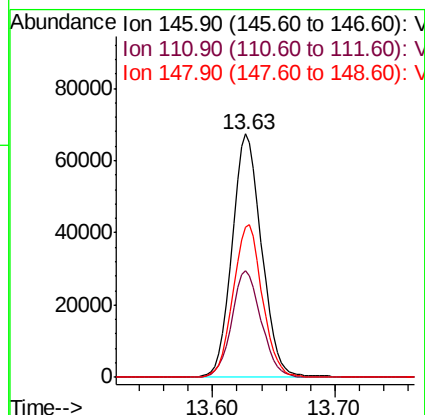
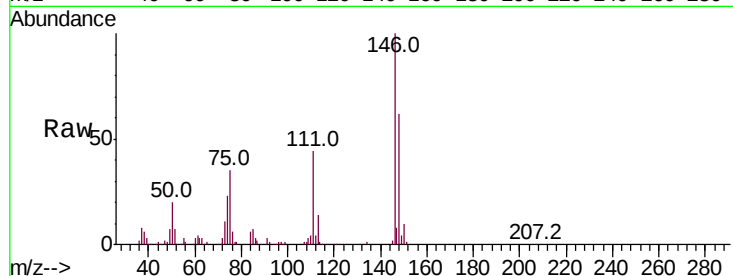




#91
 1,2-Dichlorobenzene
 Concen: 19.267 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN063748.D
 Acq: 30 Sep 2020 14:44

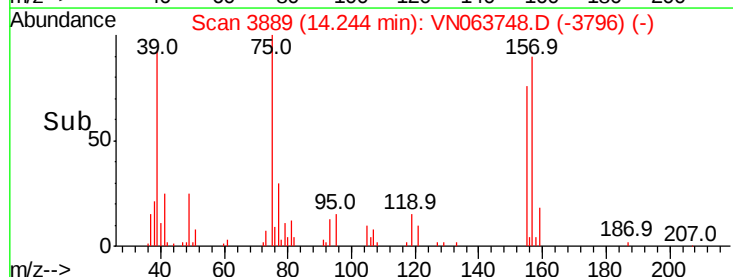
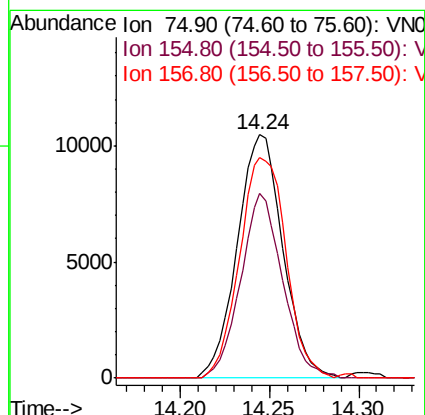
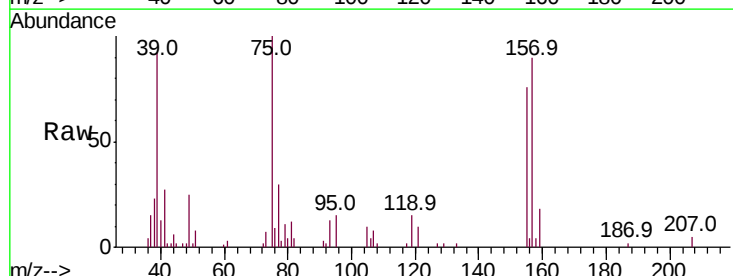
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0930MBS01

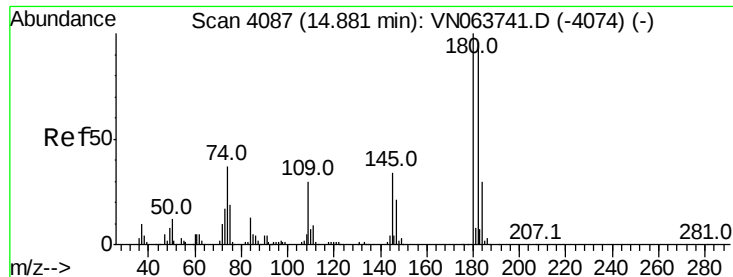
Tot Ion	Ratio	Lower	Upper
146	100		
111	43.3	22.2	66.6
148	62.2	32.5	97.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.354 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063748.D
 Acq: 30 Sep 2020 14:44

Tgt Ion	Ratio	Lower	Upper
75	100		
155	69.6	34.8	104.5
157	92.3	43.7	131.1

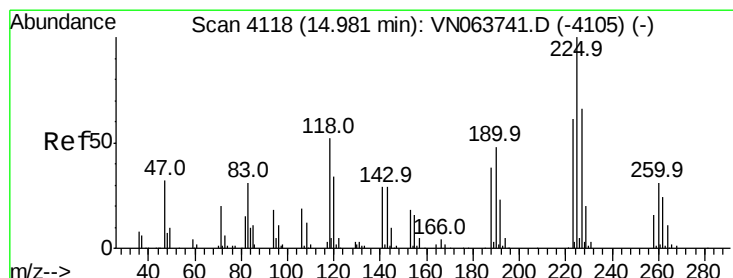
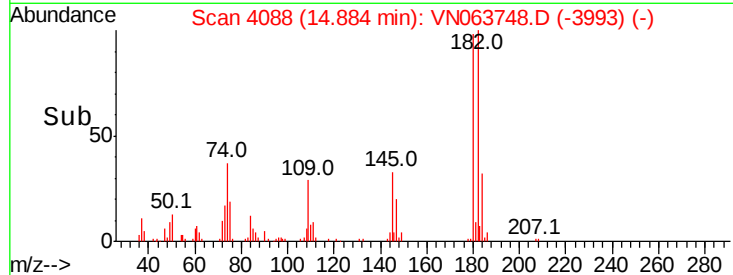
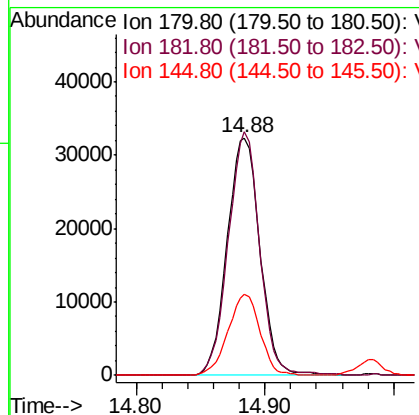
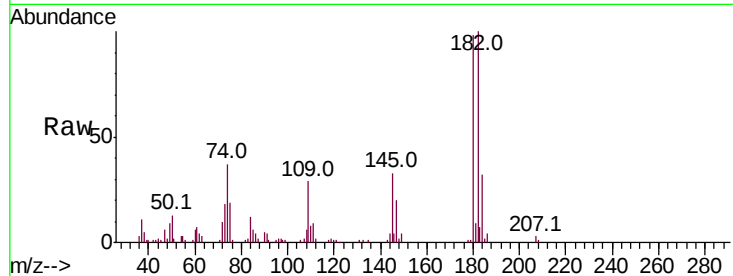




#93
 1,2,4-Trichlorobenzene
 Concen: 18.842 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063748.D
 Acq: 30 Sep 2020 14:44

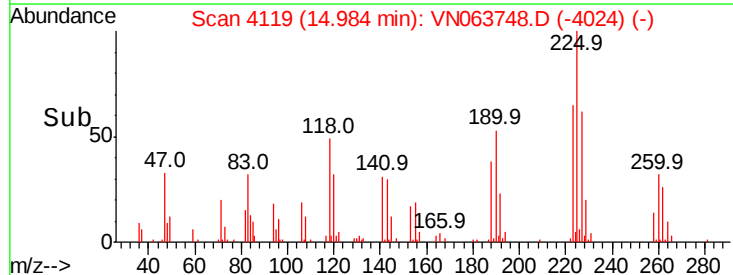
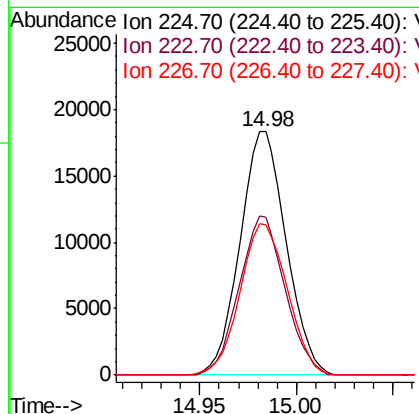
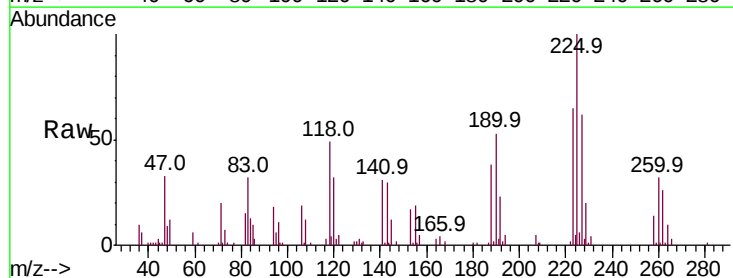
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0930MBS01

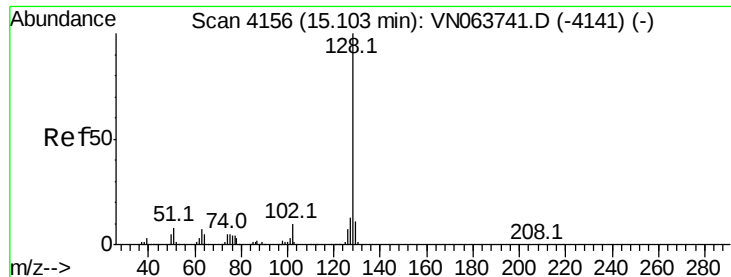
Tot Ion	Ratio	Lower	Upper
180	100		
182	97.7	48.2	144.6
145	33.4	17.1	51.2



#94
 Hexachlorobutadiene
 Concen: 19.028 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN063748.D
 Acq: 30 Sep 2020 14:44

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.9	30.3	91.0
227	63.6	31.9	95.5





#95

Naphthalene

Concen: 19.341 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. 0.00 min

Lab File: VN063748.D

Acq: 30 Sep 2020 14:44

Instrument :

MSVOA_N

ClientSampled :

VN0930MBS01

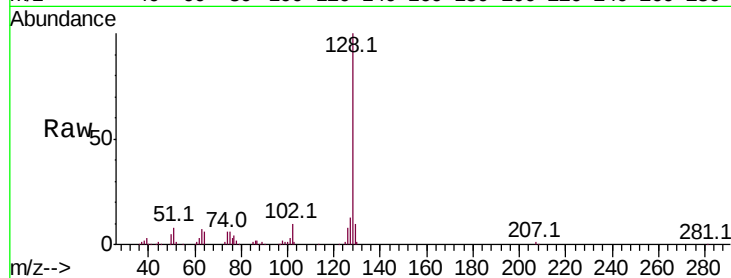
Tot Ion:128 Resp: 180052

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

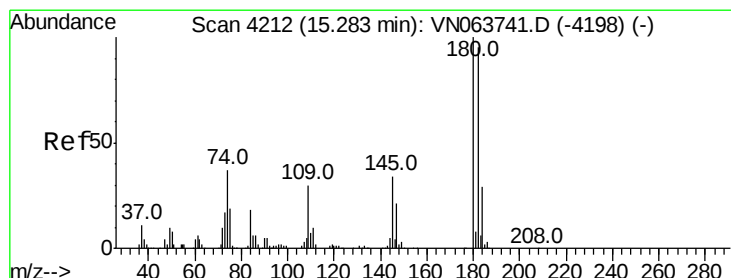
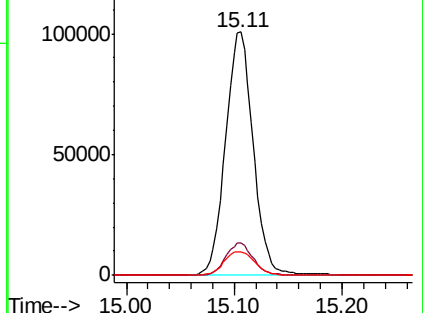
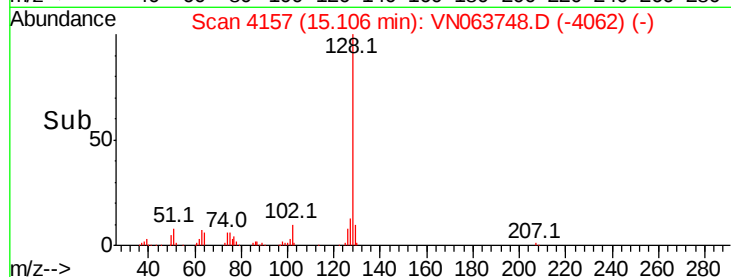
129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.136 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN063748.D

Acq: 30 Sep 2020 14:44

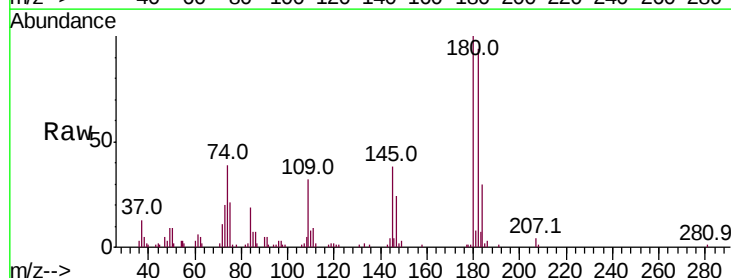
Tgt Ion:180 Resp: 56512

Ion Ratio Lower Upper

180 100

182 93.0 47.9 143.6

145 36.3 17.2 51.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

