

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090420\
 Data File : VN063237.D
 Acq On : 4 Sep 2020 10:55
 Operator : JC/MD
 Sample : VN0904WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0904WBS01

Quant Time: Sep 05 07:27:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 01 04:21:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	329156	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	580372	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	543944	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	244124	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.98	65	254437	47.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.58%	
35) Dibromofluoromethane	7.55	113	186256	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	
50) Toluene-d8	10.06	98	716131	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	
62) 4-Bromofluorobenzene	12.38	95	243426	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.83	85	57090	17.611	ug/l 95
3) Chloromethane	2.04	50	83537	17.697	ug/l 99
4) Vinyl Chloride	2.17	62	98852	18.958	ug/l 98
5) Bromomethane	2.54	94	92769	21.136	ug/l 98
6) Chloroethane	2.68	64	85236	20.560	ug/l 97
7) Trichlorofluoromethane	2.98	101	150939	18.555	ug/l 98
8) Diethyl Ether	3.37	74	45618	18.285	ug/l 91
9) 1,1,2-Trichlorotrifluoroet	3.72	101	69373	19.574	ug/l 99
10) Methyl Iodide	3.91	142	77977	16.132	ug/l 99
11) Tert butyl alcohol	4.73	59	66260	100.320	ug/l 100
12) 1,1-Dichloroethene	3.70	96	67128	18.588	ug/l 93
13) Acrolein	3.57	56	11500	58.618	ug/l 100
14) Allyl chloride	4.28	41	106146	16.550	ug/l 89
15) Acrylonitrile	4.93	53	165306	90.895	ug/l 99
16) Acetone	3.78	43	149913	98.009	ug/l 98
17) Carbon Disulfide	4.01	76	175600	16.336	ug/l 97
18) Methyl Acetate	4.28	43	78460	20.005	ug/l 99
19) Methyl tert-butyl Ether	4.99	73	243130	18.148	ug/l 97
20) Methylene Chloride	4.50	84	81248	18.581	ug/l 93
21) trans-1,2-Dichloroethene	4.99	96	73859	18.512	ug/l 95
22) Diisopropyl ether	5.90	45	263534	18.336	ug/l 99
23) Vinyl Acetate	5.84	43	1062429	92.641	ug/l 100
24) 1,1-Dichloroethane	5.80	63	148687	18.766	ug/l 99
25) 2-Butanone	6.78	43	235529	99.446	ug/l 100
26) 2,2-Dichloropropane	6.78	77	127373	17.743	ug/l 79
27) cis-1,2-Dichloroethene	6.78	96	90119	18.583	ug/l 98
28) Bromochloromethane	7.14	49	69795	16.860	ug/l 98
29) Tetrahydrofuran	7.16	42	154191	94.154	ug/l 99
30) Chloroform	7.33	83	152890	18.443	ug/l 96
31) Cyclohexane	7.61	56	127822	17.155	ug/l # 96
32) 1,1,1-Trichloroethane	7.53	97	135318	18.943	ug/l 99
36) 1,1-Dichloropropene	7.75	75	107993	19.356	ug/l 98
37) Ethyl Acetate	6.88	43	101578	19.514	ug/l # 94
38) Carbon Tetrachloride	7.73	117	110113	19.461	ug/l 96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090420\
 Data File : VN063237.D
 Acq On : 4 Sep 2020 10:55
 Operator : JC/MD
 Sample : VN0904WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0904WBS01

Quant Time: Sep 05 07:27:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 01 04:21:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	122723	19.579	ug/l	96
40) Benzene	8.00	78	335845	20.484	ug/l	98
41) Methacrylonitrile	7.13	41	46282	19.691	ug/l	94
42) 1,2-Dichloroethane	8.08	62	124228	20.284	ug/l	100
43) Isopropyl Acetate	8.12	43	183766	20.196	ug/l #	91
44) Trichloroethene	8.80	130	85925	21.606	ug/l	99
45) 1,2-Dichloropropane	9.08	63	84887	19.554	ug/l	95
46) Dibromomethane	9.17	93	59982	20.850	ug/l	99
47) Bromodichloromethane	9.37	83	121012	19.625	ug/l	100
48) Methyl methacrylate	9.16	41	83102	20.259	ug/l	94
49) 1,4-Dioxane	9.17	88	27436	432.439	ug/l	94
51) 4-Methyl-2-Pentanone	9.95	43	541009	109.415	ug/l	100
52) Toluene	10.12	92	214522	21.004	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	127662	18.927	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	141003	19.915	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	80641	20.616	ug/l	98
56) Ethyl methacrylate	10.40	69	113540	19.074	ug/l	97
57) 1,3-Dichloropropane	10.68	76	141699	20.335	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	272925	88.540	ug/l	100
59) 2-Hexanone	10.72	43	380789	109.581	ug/l	98
60) Dibromochloromethane	10.87	129	83846	19.389	ug/l	100
61) 1,2-Dibromoethane	10.98	107	85914	21.129	ug/l	99
64) Tetrachloroethene	10.60	164	85493	21.887	ug/l	95
65) Chlorobenzene	11.41	112	219079	19.997	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	79566	19.561	ug/l	98
67) Ethyl Benzene	11.48	91	405174	20.273	ug/l	99
68) m/p-Xylenes	11.59	106	291141	39.331	ug/l	99
69) o-Xylene	11.92	106	144664	20.230	ug/l	97
70) Styrene	11.94	104	239655	19.501	ug/l	99
71) Bromoform	12.10	173	52119	18.881	ug/l #	96
73) Isopropylbenzene	12.23	105	386857	20.661	ug/l	99
74) N-amyl acetate	12.05	43	146498	18.889	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	109451	20.275	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	146201	30.481	ug/l #	100
77) Bromobenzene	12.50	156	87615	20.690	ug/l	93
78) n-propylbenzene	12.57	91	453416	20.927	ug/l	100
79) 2-Chlorotoluene	12.65	91	255577	19.694	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	318605	20.443	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.28	75	34129	17.198	ug/l	92
82) 4-Chlorotoluene	12.75	91	269343	20.012	ug/l	100
83) tert-Butylbenzene	12.97	119	260520	19.491	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	325080	20.693	ug/l	100
85) sec-Butylbenzene	13.15	105	369271	21.198	ug/l	100
86) p-Isopropyltoluene	13.26	119	321909	20.814	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	159228	20.468	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	160309	19.902	ug/l	98
89) n-Butylbenzene	13.59	91	289370	20.253	ug/l	98
90) Hexachloroethane	13.85	117	50452	17.622	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	159928	21.185	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	22564	19.012	ug/l	96

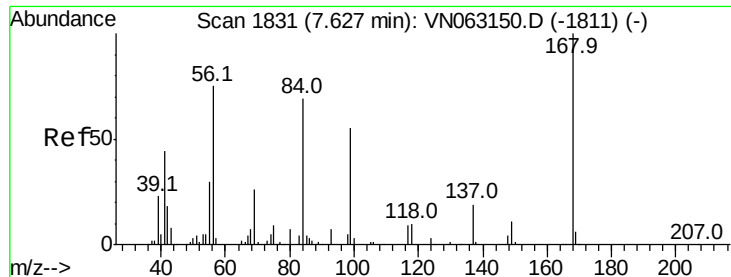
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN090420\
Data File : VN063237.D
Acq On : 4 Sep 2020 10:55
Operator : JC/MD
Sample : VN0904WBS01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0904WBS01

Quant Time: Sep 05 07:27:39 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 01 04:21:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	85354	20.238	ug/l	96
94) Hexachlorobutadiene	14.98	225	31786	20.175	ug/l	98
95) Naphthalene	15.11	128	262578	18.661	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	82400	20.053	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN063237.D

Acq: 4 Sep 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

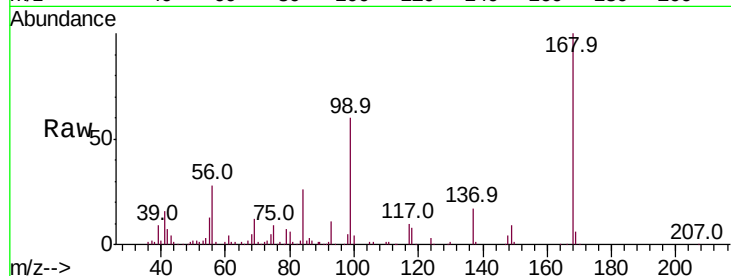
VN0904WBS01

Tot Ion:168 Resp: 329156

Ion Ratio Lower Upper

168 100

99 59.7 54.2 81.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

150000

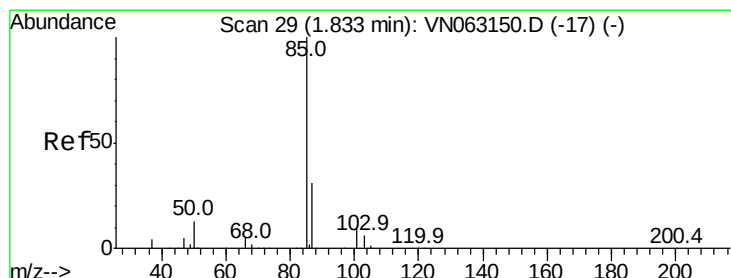
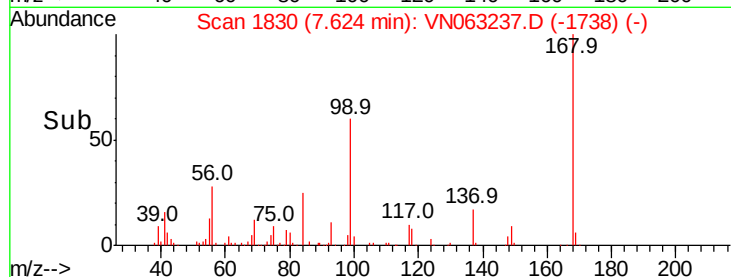
100000

50000

0

7.50 7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 17.611 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063237.D

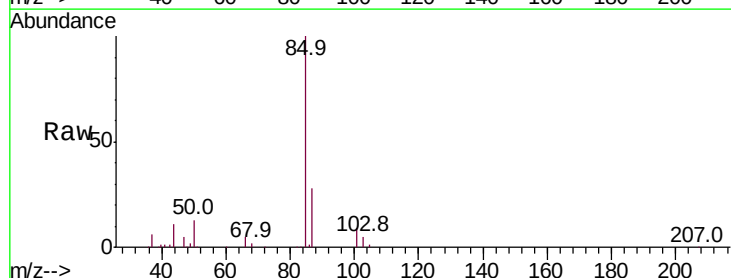
Acq: 4 Sep 2020 10:55

Tgt Ion: 85 Resp: 57090

Ion Ratio Lower Upper

85 100

87 28.5 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

50000

40000

30000

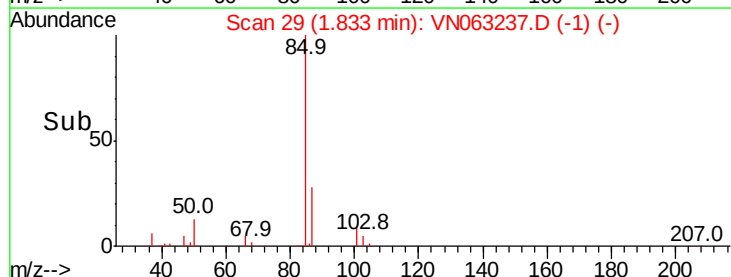
20000

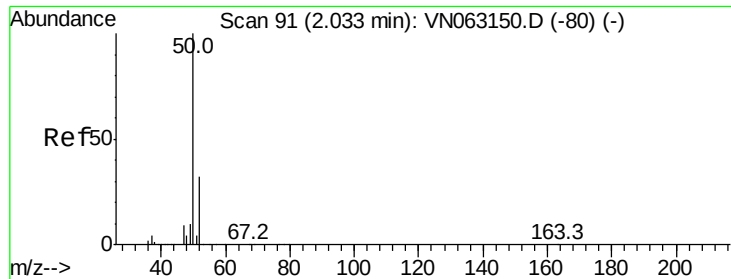
10000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 17.697 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063237.D

Acq: 4 Sep 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

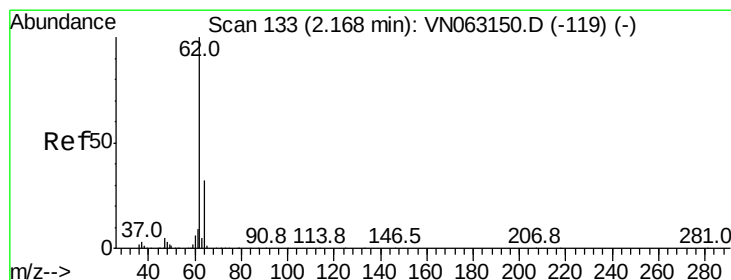
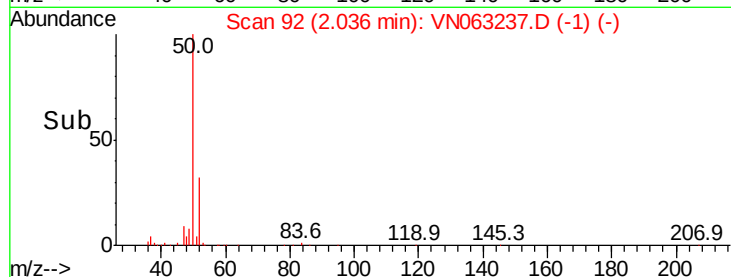
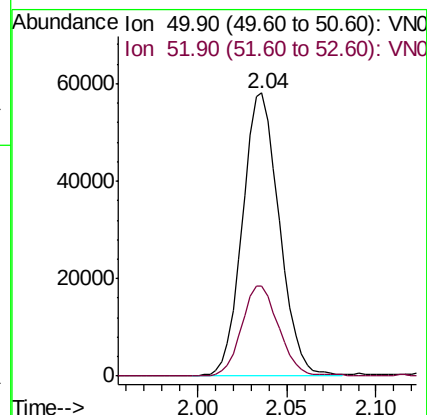
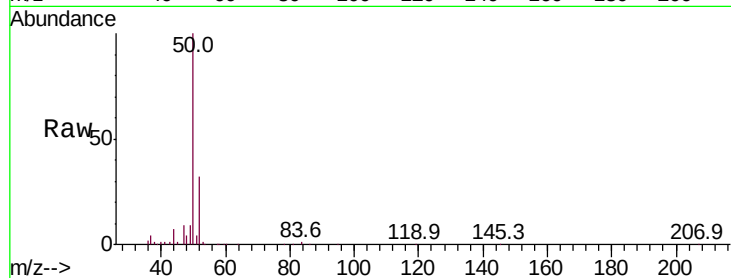
VN0904WBS01

Tot Ion: 50 Resp: 83537

Ion Ratio Lower Upper

50 100

52 31.7 25.8 38.6



#4

Vinyl Chloride

Concen: 18.958 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN063237.D

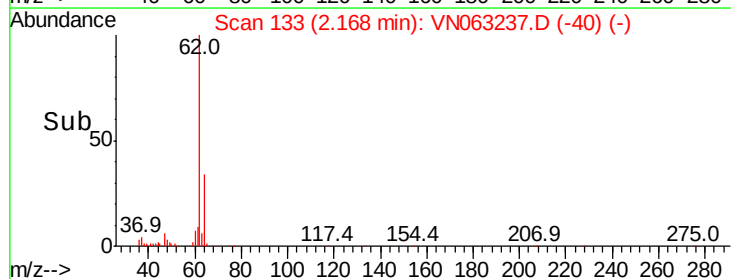
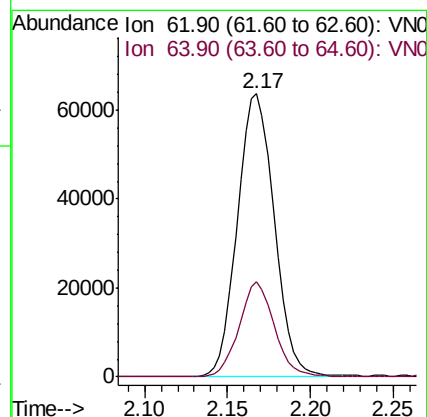
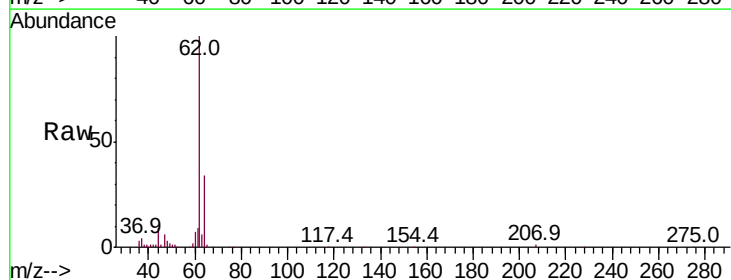
Acq: 4 Sep 2020 10:55

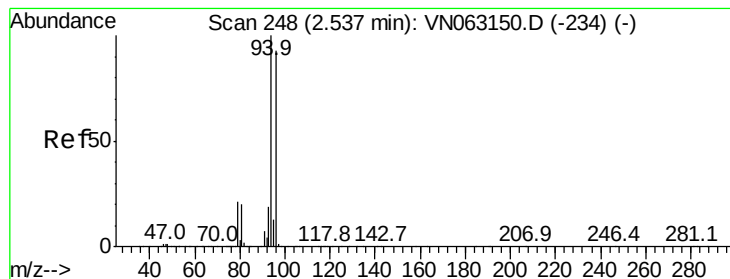
Tgt Ion: 62 Resp: 98852

Ion Ratio Lower Upper

62 100

64 33.6 25.8 38.8





#5

Bromomethane

Concen: 21.136 ug/l

RT: 2.54 min Scan# 248

Delta R.T. 0.00 min

Lab File: VN063237.D

Acq: 4 Sep 2020 10:55

Instrument :

MSVOA_N

ClientSampled :

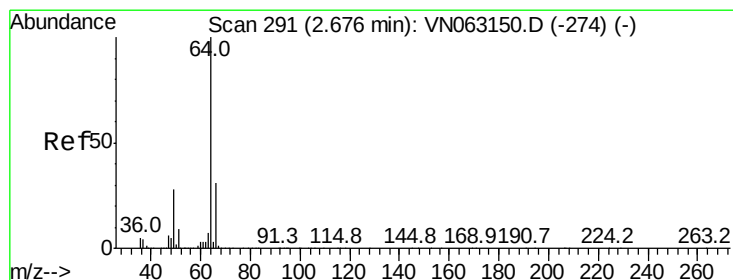
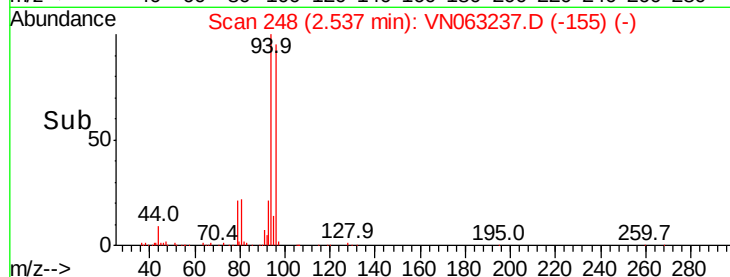
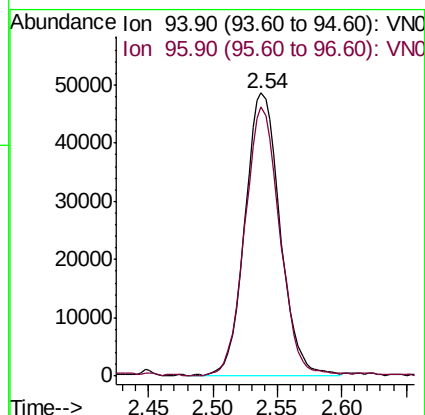
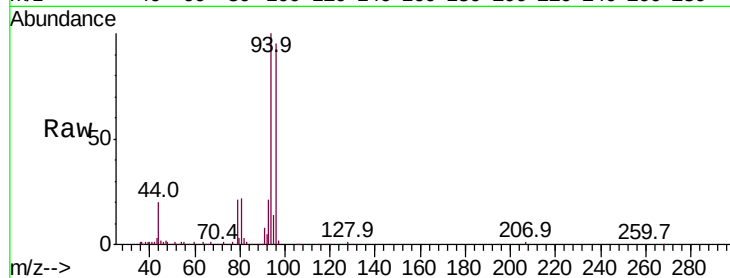
VN0904WBS01

Tot Ion: 94 Resp: 92769

Ion Ratio Lower Upper

94 100

96 94.8 74.4 111.6



#6

Chloroethane

Concen: 20.560 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN063237.D

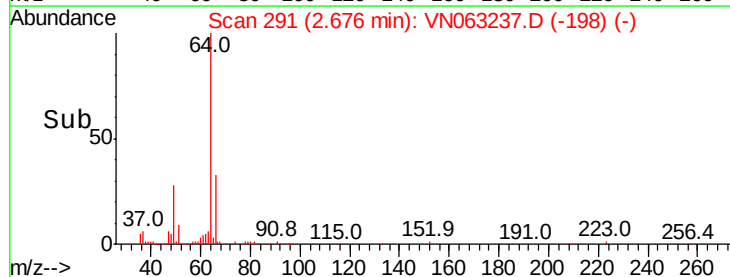
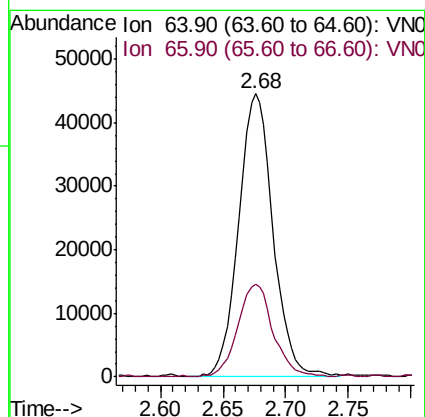
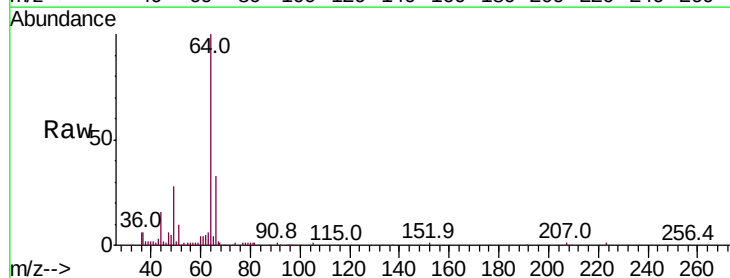
Acq: 4 Sep 2020 10:55

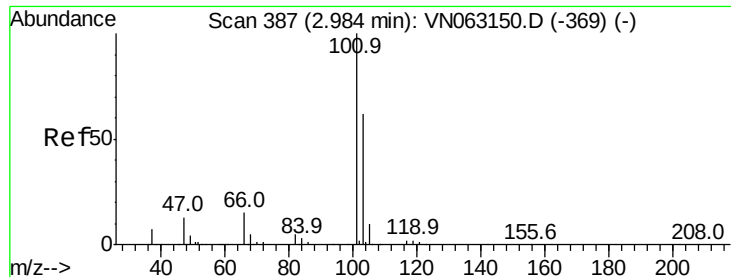
Tgt Ion: 64 Resp: 85236

Ion Ratio Lower Upper

64 100

66 32.5 24.7 37.1



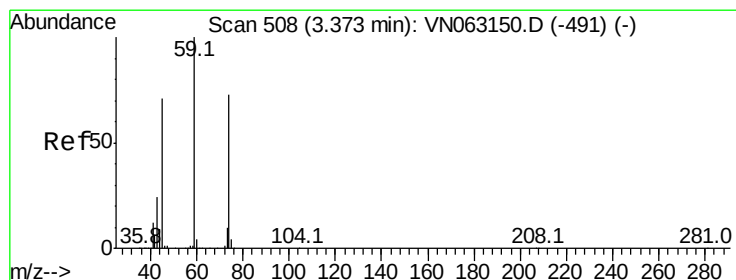
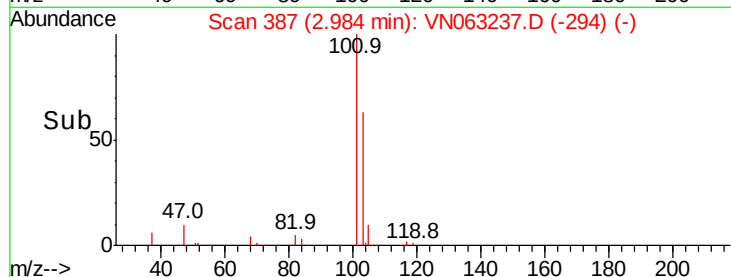
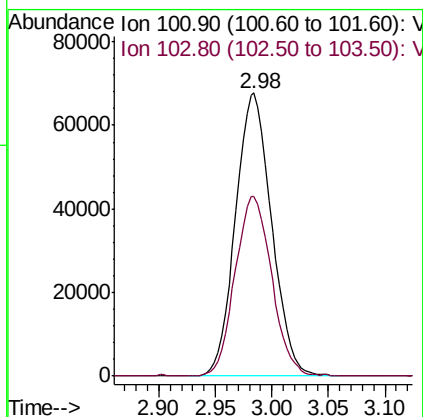
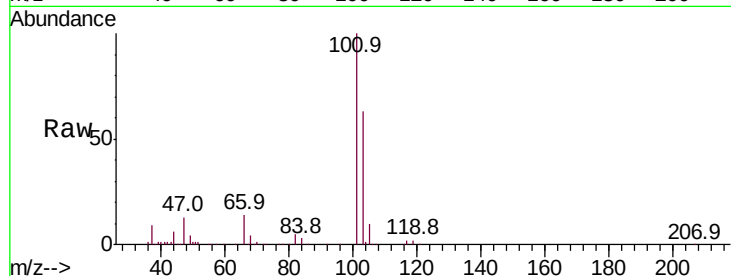


#7

Trichlorofluoromethane
 Concen: 18.555 ug/l
 RT: 2.98 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: VN063237.D
 Acq: 4 Sep 2020 10:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0904WBS01

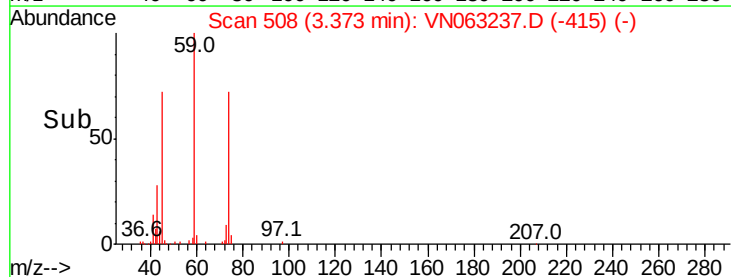
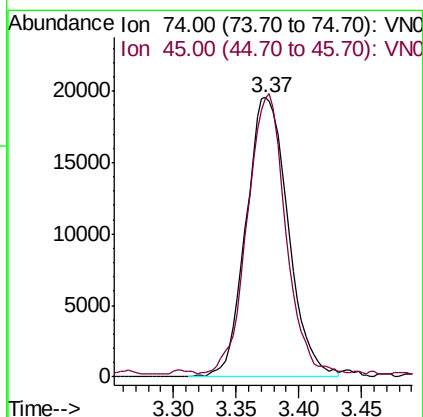
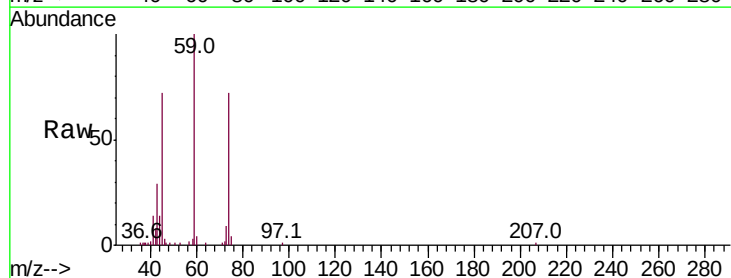
Tot Ion:101 Resp: 150939
 Ion Ratio Lower Upper
 101 100
 103 63.5 49.7 74.5

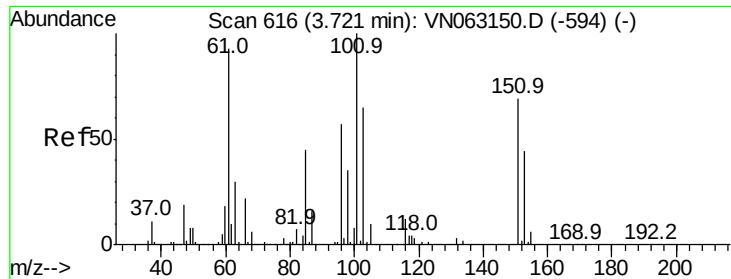


#8

Diethyl Ether
 Concen: 18.285 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: VN063237.D
 Acq: 4 Sep 2020 10:55

Tgt Ion: 74 Resp: 45618
 Ion Ratio Lower Upper
 74 100
 45 90.4 49.5 148.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.574 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN063237.D

Acq: 4 Sep 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

VN0904WBS01

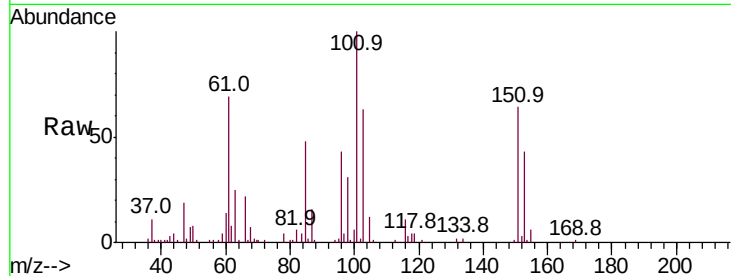
Tot Ion:101 Resp: 69373

Ion Ratio Lower Upper

101 100

85 46.7 37.8 56.8

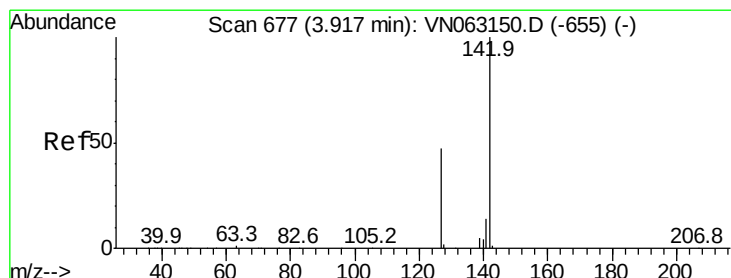
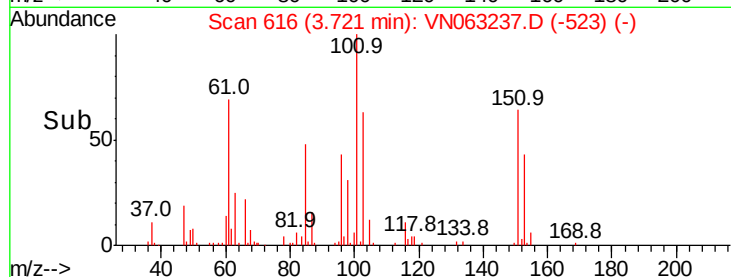
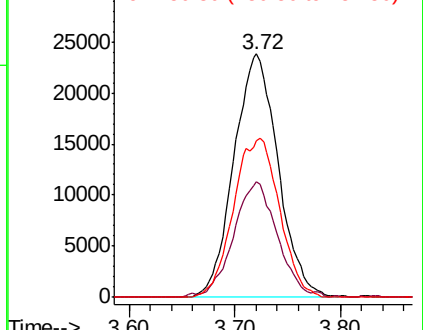
151 67.8 55.0 82.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.132 ug/l

RT: 3.91 min Scan# 676

Delta R.T. -0.00 min

Lab File: VN063237.D

Acq: 4 Sep 2020 10:55

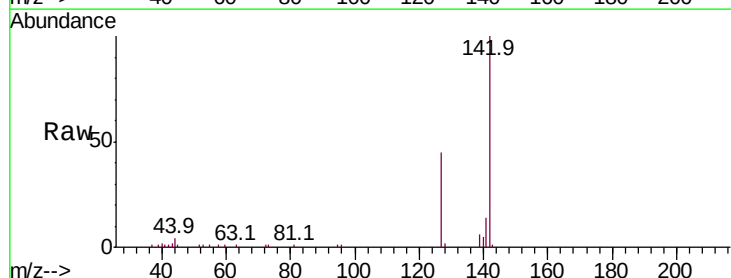
Tgt Ion:142 Resp: 77977

Ion Ratio Lower Upper

142 100

127 47.5 37.6 56.4

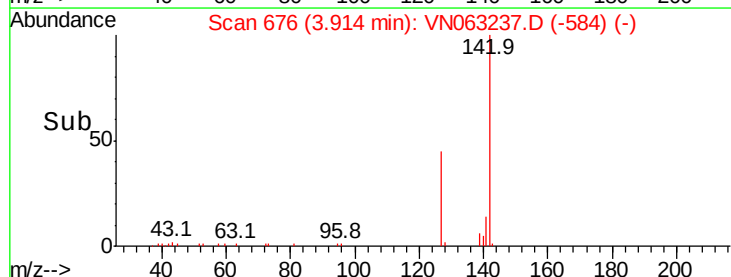
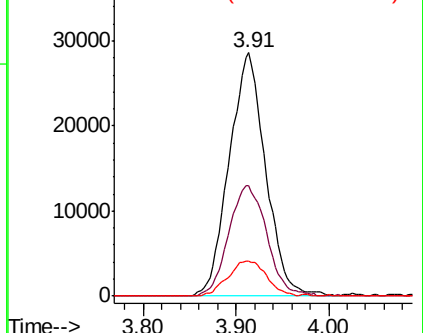
141 15.3 11.3 16.9

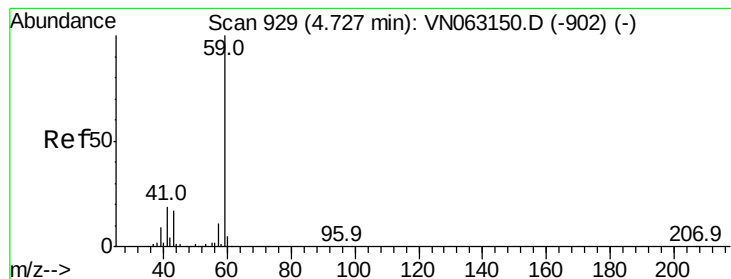


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



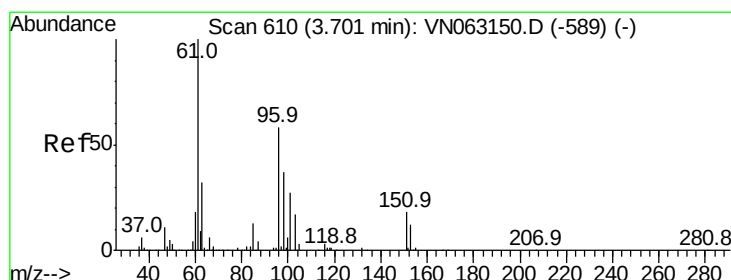
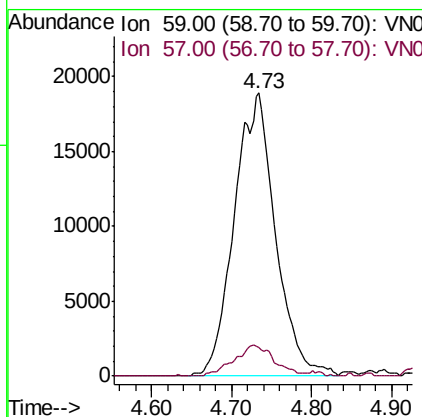
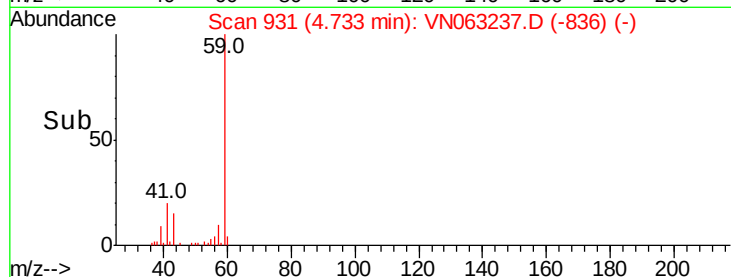
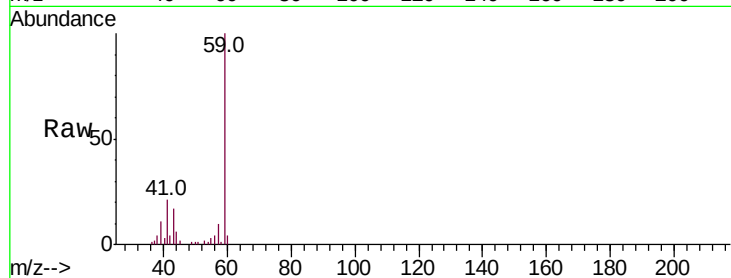


#11

Tert butyl alcohol
 Concen: 100.320 ug/l
 RT: 4.73 min Scan# 931
 Delta R.T. 0.01 min
 Lab File: VN063237.D
 Acq: 4 Sep 2020 10:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0904WBS01

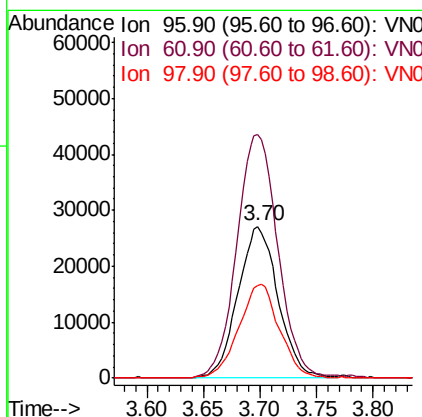
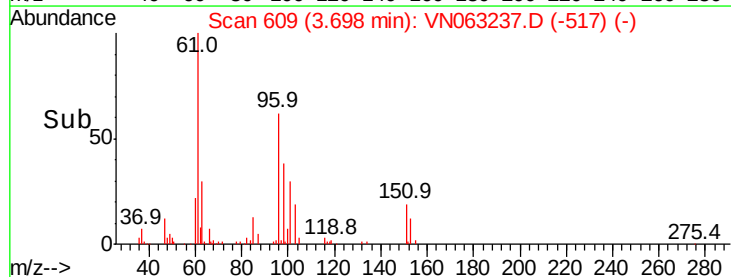
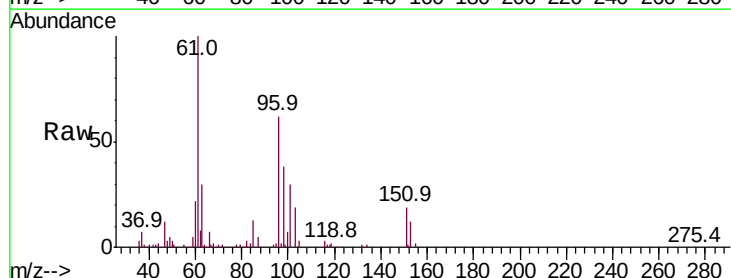
Tot Ion: 59 Resp: 66260
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.4 12.6

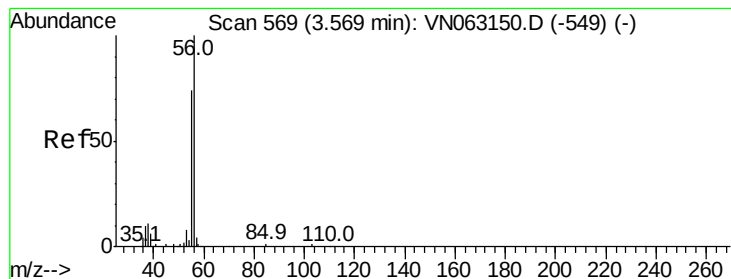


#12

1,1-Dichloroethene
 Concen: 18.588 ug/l
 RT: 3.70 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: VN063237.D
 Acq: 4 Sep 2020 10:55

Tgt Ion: 96 Resp: 67128
 Ion Ratio Lower Upper
 96 100
 61 160.1 137.4 206.2
 98 61.1 50.5 75.7





#13

Acrolein

Concen: 58.618 ug/l

RT: 3.57 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN063237.D

Acq: 4 Sep 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

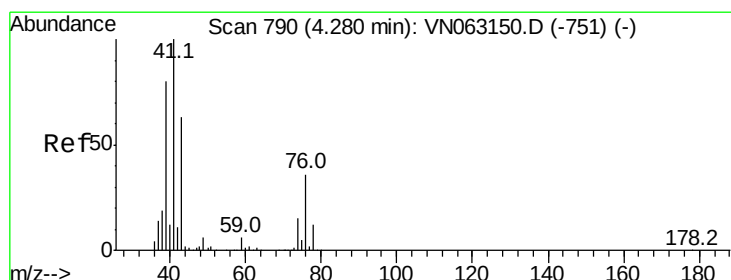
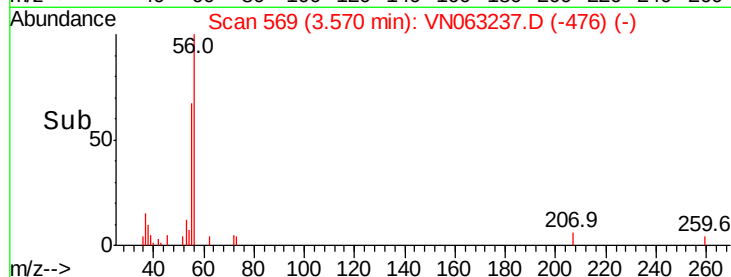
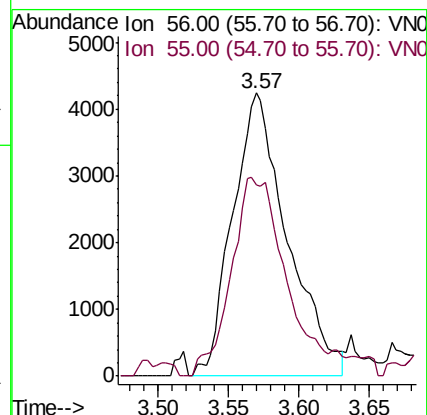
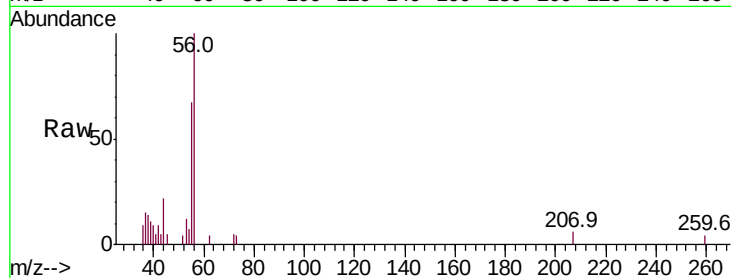
VN0904WBS01

Tot Ion: 56 Resp: 11500

Ion Ratio Lower Upper

56 100

55 69.1 55.4 83.0



#14

Allyl chloride

Concen: 16.550 ug/l

RT: 4.28 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN063237.D

Acq: 4 Sep 2020 10:55

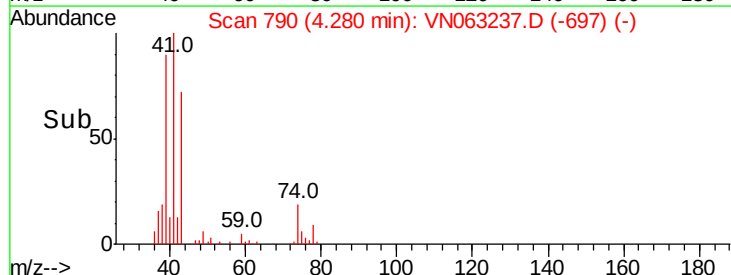
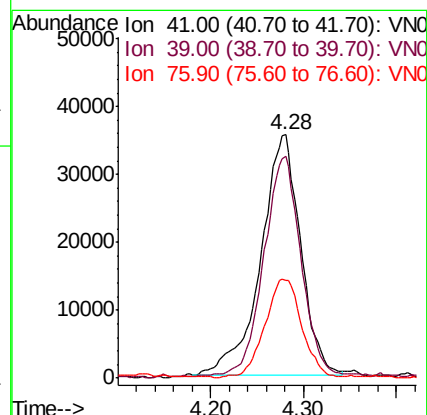
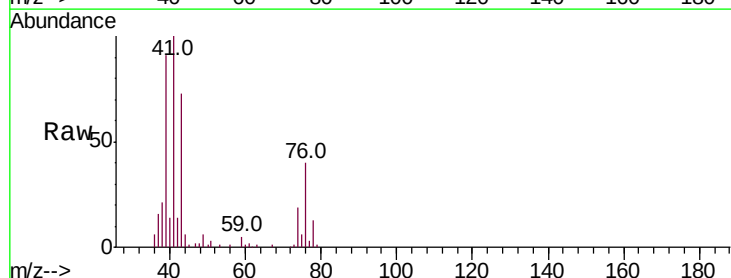
Tgt Ion: 41 Resp: 106146

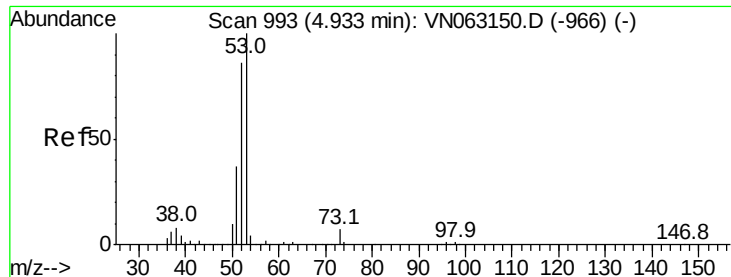
Ion Ratio Lower Upper

41 100

39 85.9 60.2 90.2

76 38.5 27.7 41.5





#15

Acrylonitrile

Concen: 90.895 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN063237.D

Acq: 4 Sep 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

VN0904WBS01

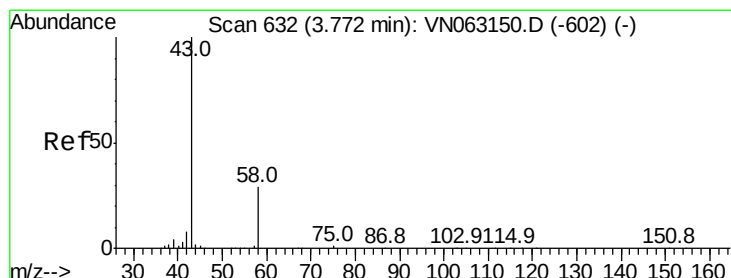
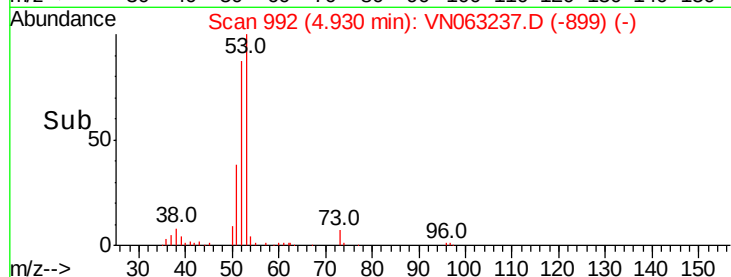
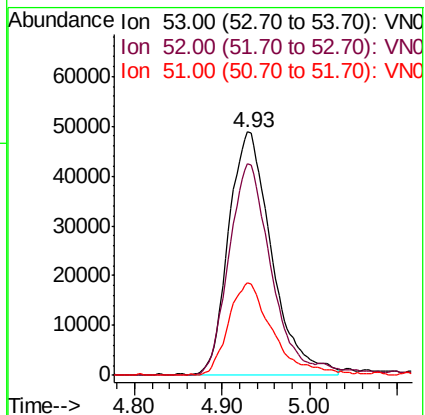
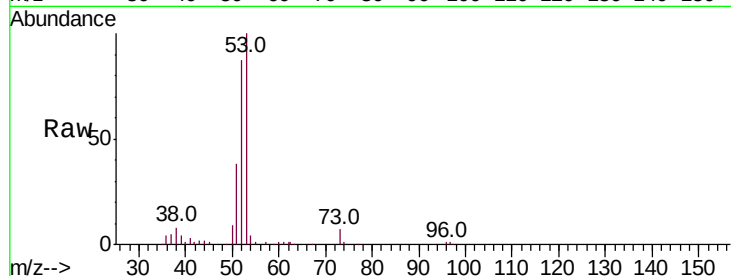
Tot Ion: 53 Resp: 165306

Ion Ratio Lower Upper

53 100

52 84.7 67.2 100.8

51 39.6 30.2 45.4



#16

Acetone

Concen: 98.009 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.01 min

Lab File: VN063237.D

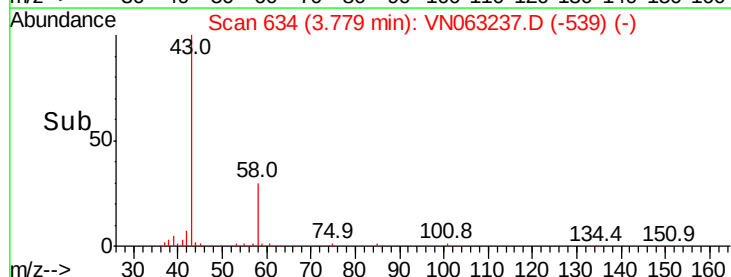
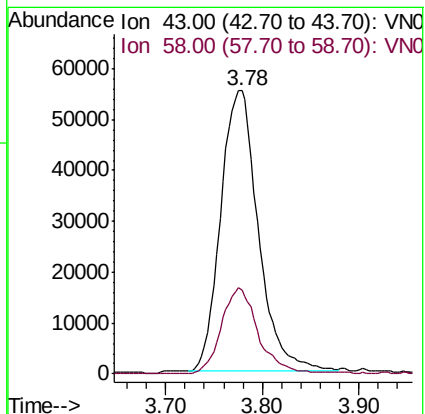
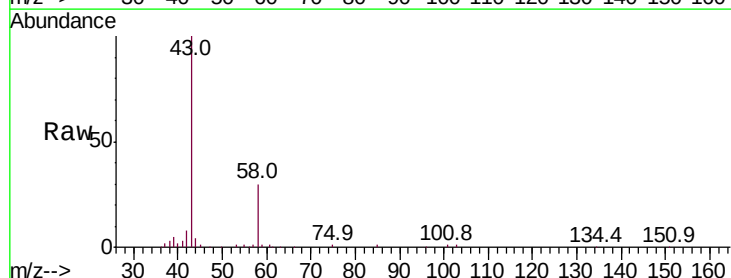
Acq: 4 Sep 2020 10:55

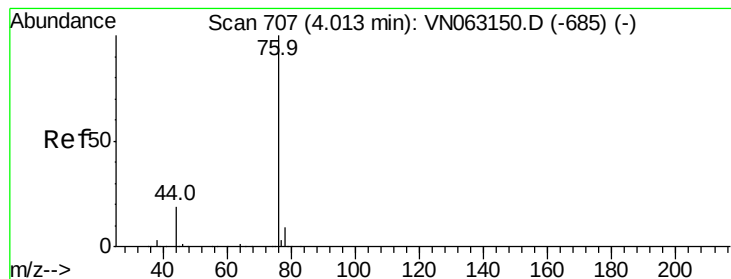
Tgt Ion: 43 Resp: 149913

Ion Ratio Lower Upper

43 100

58 29.8 23.1 34.7





#17

Carbon Disulfide

Concen: 16.336 ug/l

RT: 4.01 min Scan# 706

Delta R.T. -0.00 min

Lab File: VN063237.D

Acq: 4 Sep 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

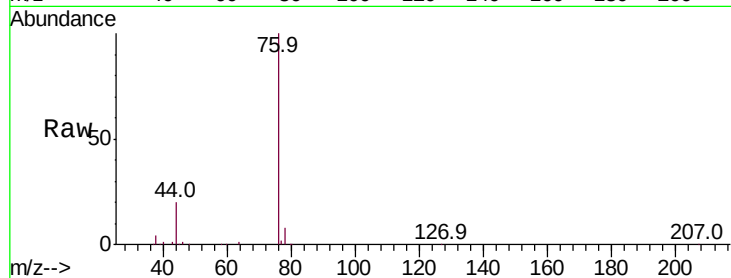
VN0904WBS01

Tot Ion: 76 Resp: 175600

Ion Ratio Lower Upper

76 100

78 8.1 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VN063150.D (-685) (-)

Ion 77.90 (77.60 to 78.60): VN063150.D (-685) (-)

4.01

60000

40000

20000

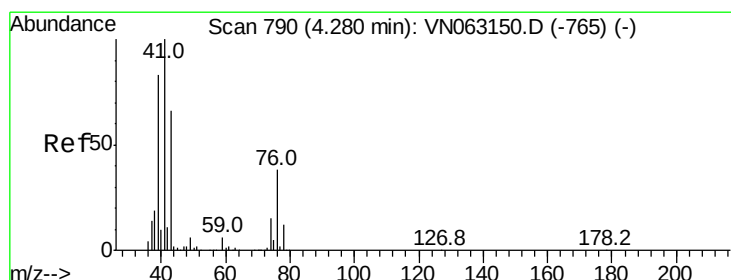
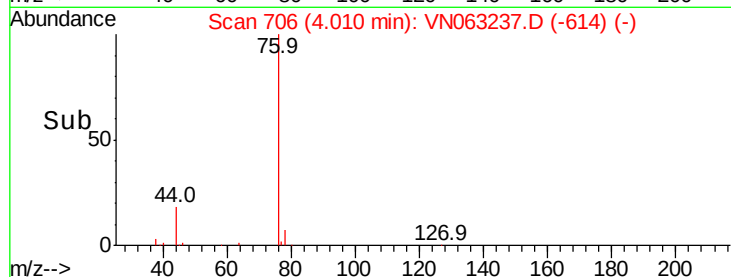
0

Time-->

3.90

4.00

4.10



#18

Methyl Acetate

Concen: 20.005 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063237.D

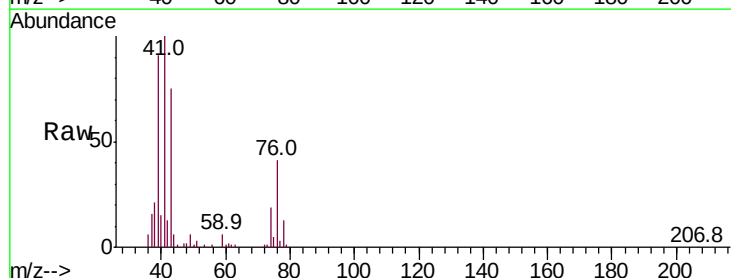
Acq: 4 Sep 2020 10:55

Tgt Ion: 43 Resp: 78460

Ion Ratio Lower Upper

43 100

74 24.4 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VN063237.D (-697) (-)

Ion 74.00 (73.70 to 74.70): VN063237.D (-697) (-)

4.28

30000

25000

20000

15000

10000

5000

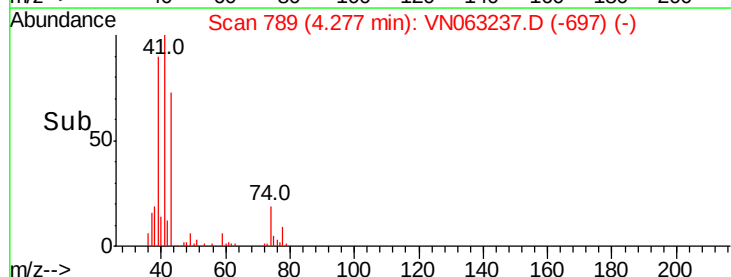
0

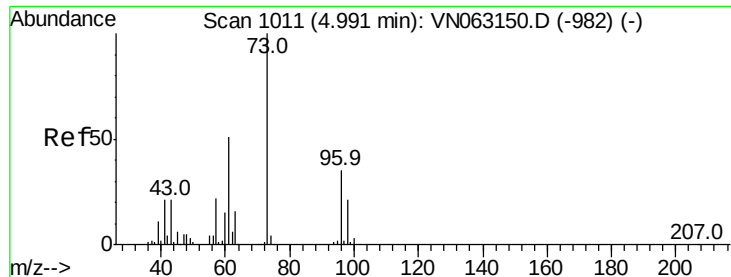
Time-->

4.20

4.30

4.40

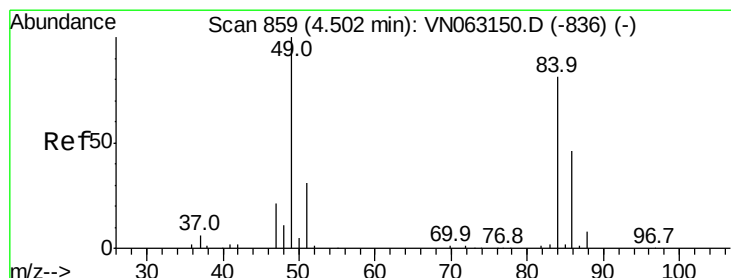
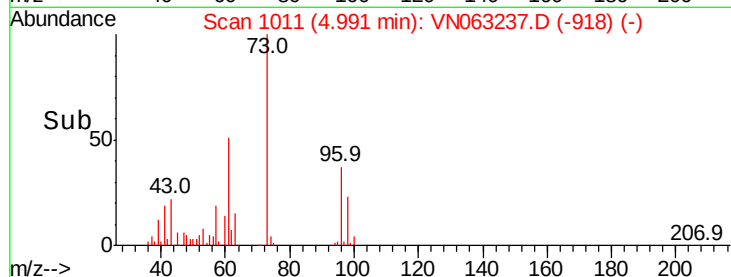
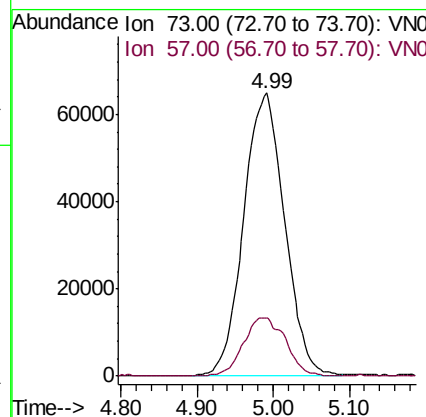
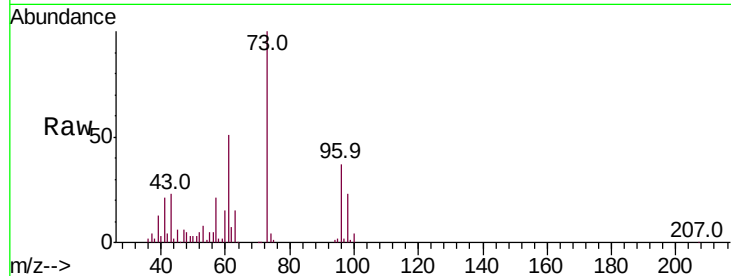




#19
Methvl tert-butyl Ether
Concen: 18.148 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063237.D
Acq: 4 Sep 2020 10:55

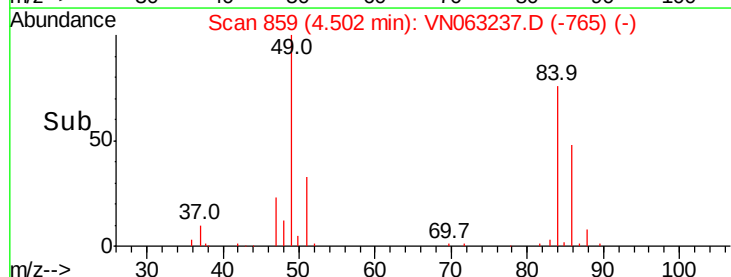
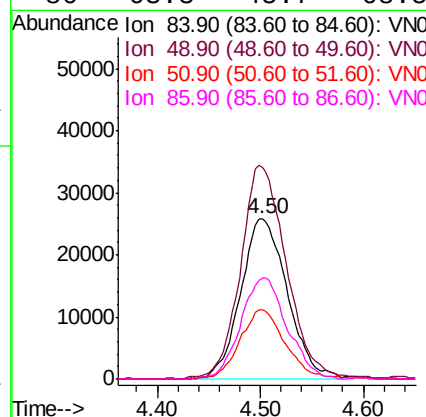
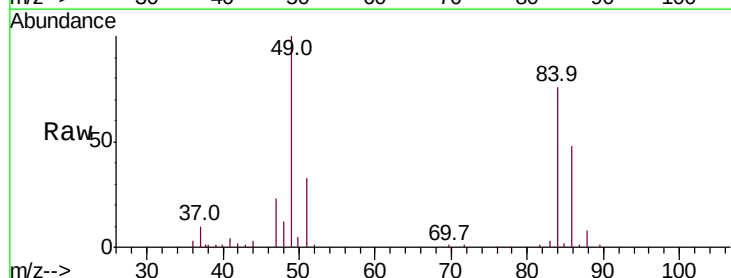
Instrument :
MSVOA_N
ClientSampleId :
VN0904WBS01

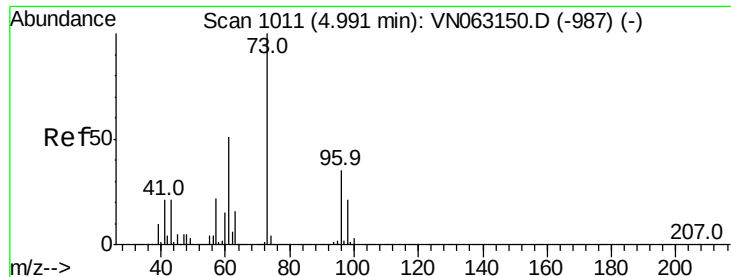
Tot Ion: 73 Resp: 243130
Ion Ratio Lower Upper
73 100
57 20.7 17.6 26.4



#20
Methylene Chloride
Concen: 18.581 ug/l
RT: 4.50 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN063237.D
Acq: 4 Sep 2020 10:55

Tgt Ion: 84 Resp: 81248
Ion Ratio Lower Upper
84 100
49 130.4 98.4 147.6
51 42.5 30.4 45.6
86 63.3 45.7 68.5

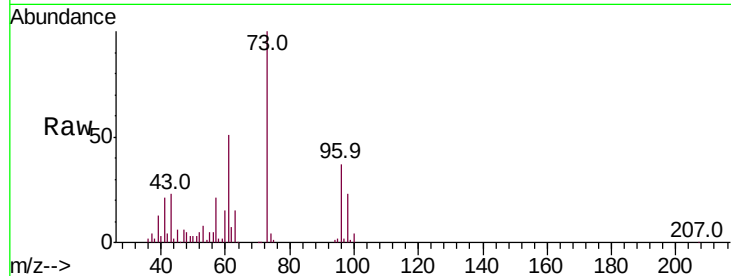




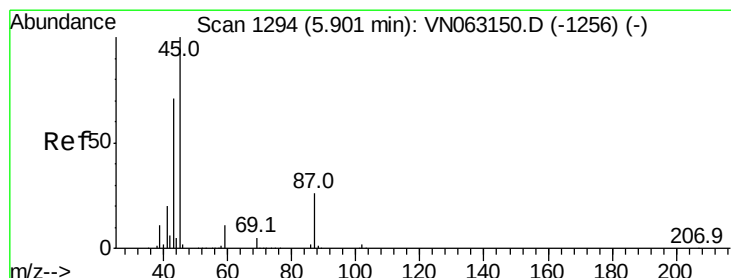
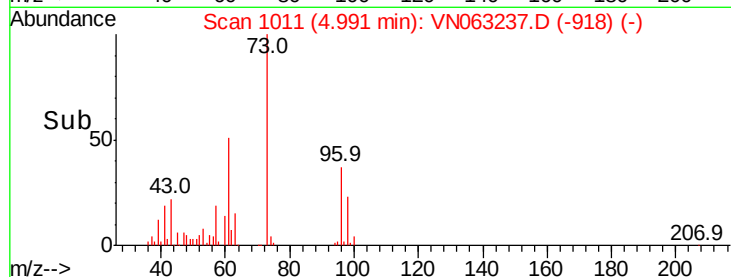
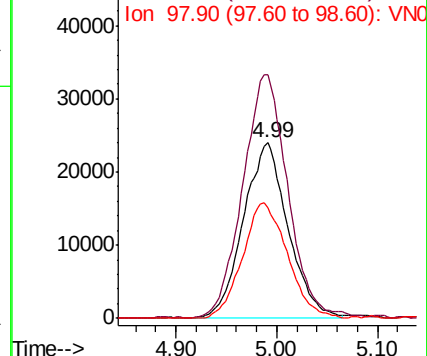
#21
trans-1,2-Dichloroethene
Concen: 18.512 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063237.D
Acq: 4 Sep 2020 10:55

Instrument :
MSVOA_N
ClientSampleId :
VN0904WBS01

Tot Ion: 96 Resp: 73859
Ion Ratio Lower Upper
96 100
61 138.6 116.2 174.4
98 63.2 48.0 72.0

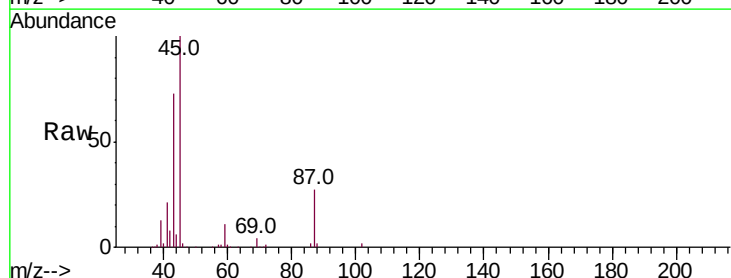


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

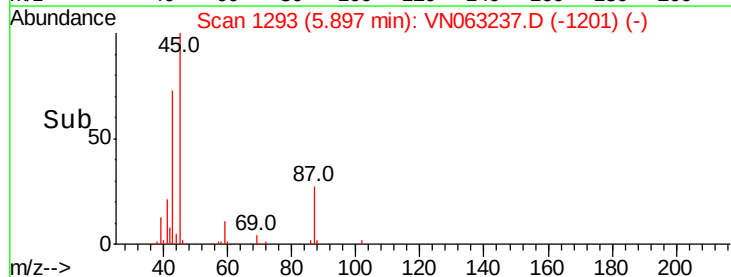
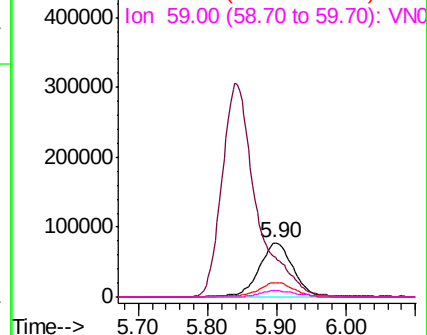


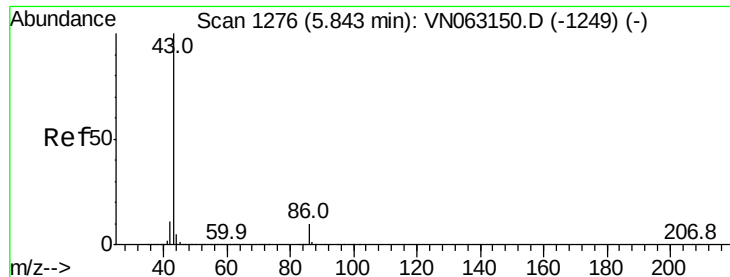
#22
Diisopropyl ether
Concen: 18.336 ug/l
RT: 5.90 min Scan# 1293
Delta R.T. -0.00 min
Lab File: VN063237.D
Acq: 4 Sep 2020 10:55

Tgt Ion: 45 Resp: 263534
Ion Ratio Lower Upper
45 100
43 71.8 56.8 85.2
87 26.8 21.1 31.7
59 10.9 8.9 13.3



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

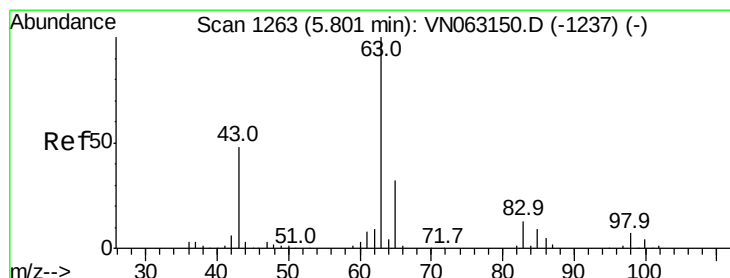
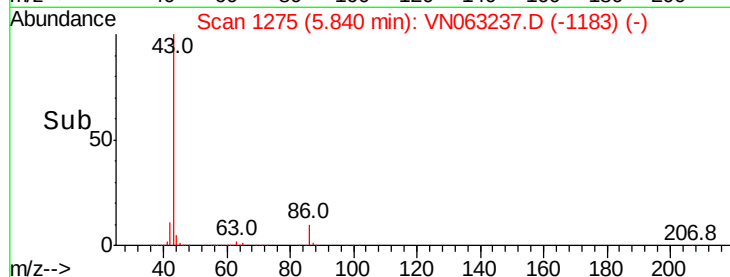
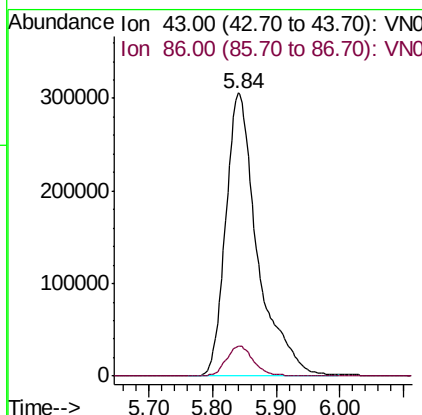
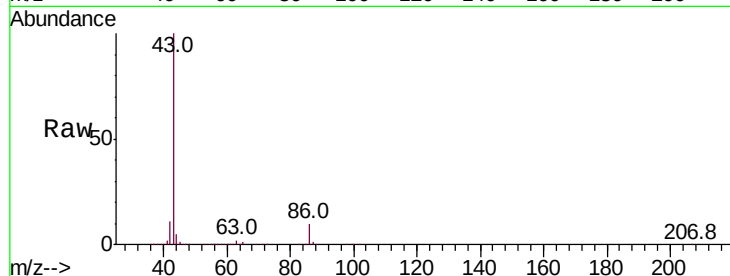




#23
 Vinyl Acetate
 Concen: 92.641 ug/l
 RT: 5.84 min Scan# 1275
 Delta R.T. -0.00 min
 Lab File: VN063237.D
 Acq: 4 Sep 2020 10:55

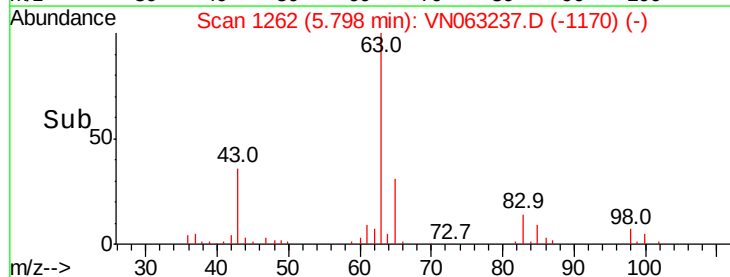
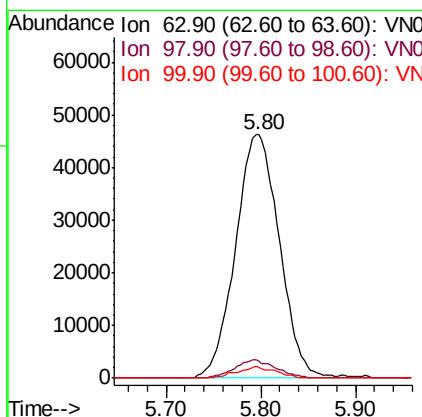
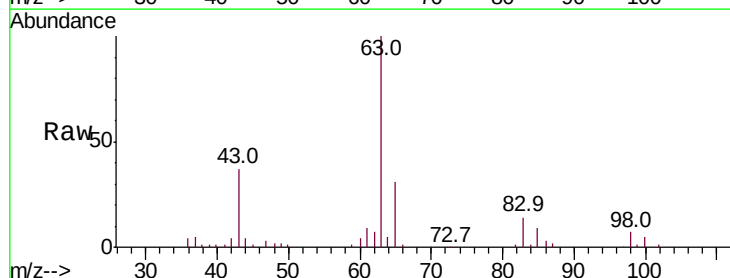
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0904WBS01

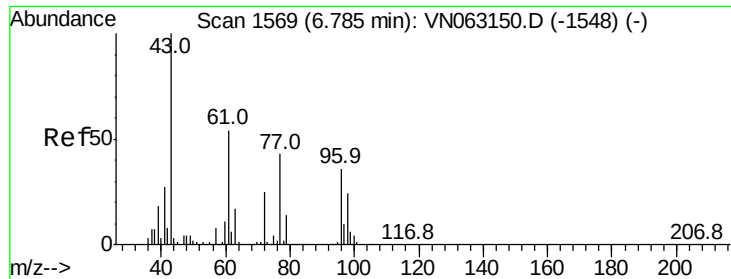
Tot Ion: 43 Resp: 1062429
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.3 12.5



#24
 1,1-Dichloroethane
 Concen: 18.766 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: VN063237.D
 Acq: 4 Sep 2020 10:55

Tgt Ion: 63 Resp: 148687
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.4 10.1
 100 4.5 2.3 6.8

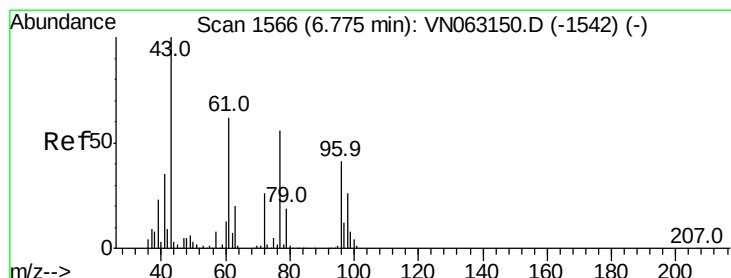
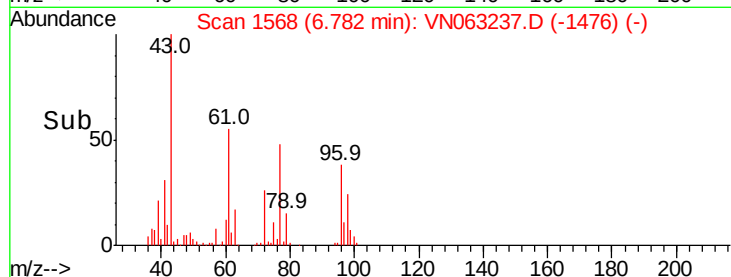
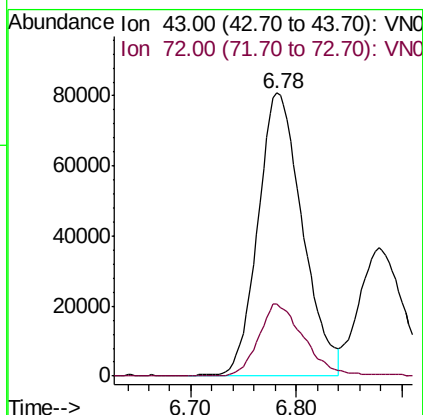
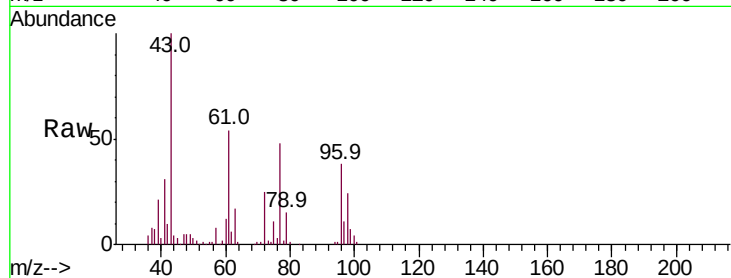




#25
2-Butanone
Concen: 99.446 ug/l
RT: 6.78 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VN063237.D
Acq: 4 Sep 2020 10:55

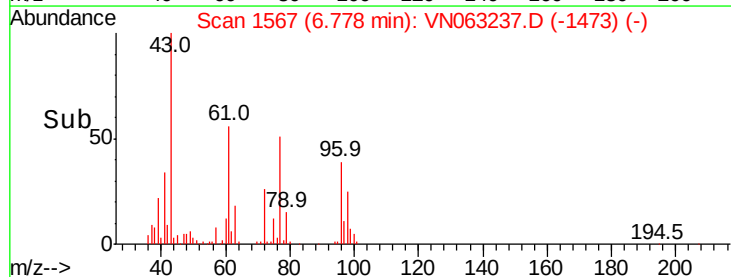
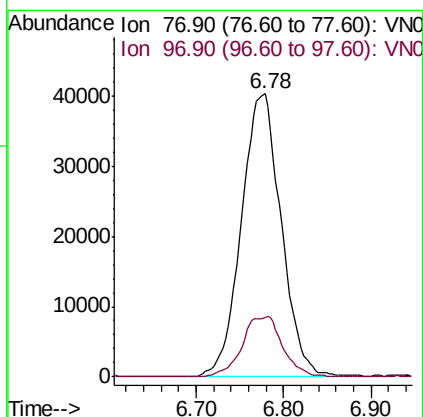
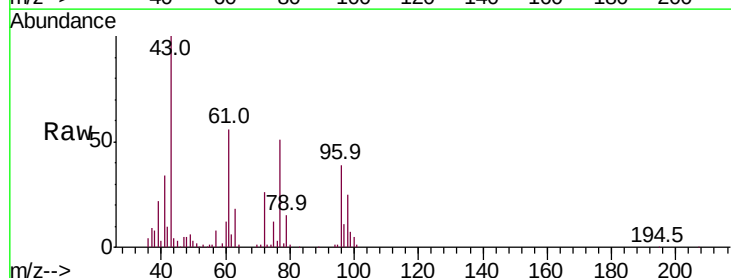
Instrument :
MSVOA_N
ClientSampleId :
VN0904WBS01

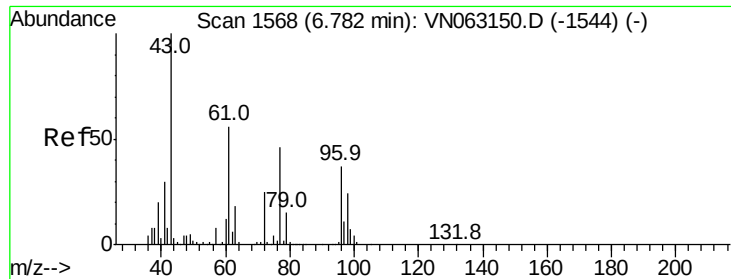
Tot Ion: 43 Resp: 235529
Ion Ratio Lower Upper
43 100
72 25.5 20.2 30.4



#26
2,2-Dichloropropane
Concen: 17.743 ug/l
RT: 6.78 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VN063237.D
Acq: 4 Sep 2020 10:55

Tgt Ion: 77 Resp: 127373
Ion Ratio Lower Upper
77 100
97 11.2 10.7 31.9





#27

cis-1,2-Dichloroethene

Concen: 18.583 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. -0.00 min

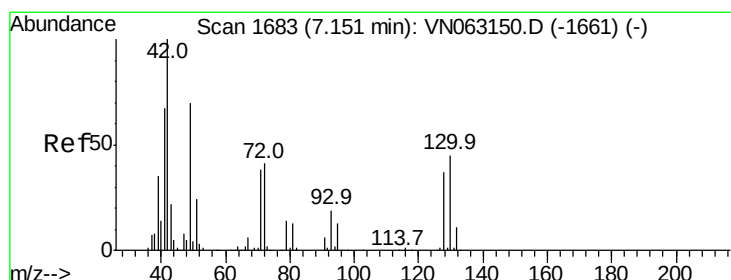
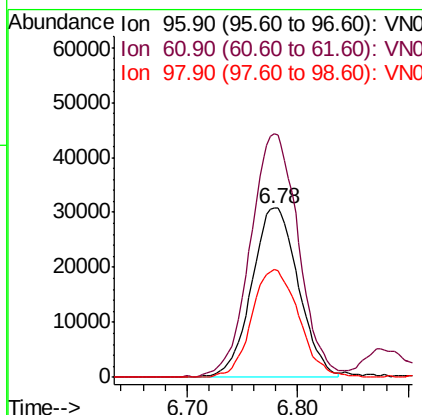
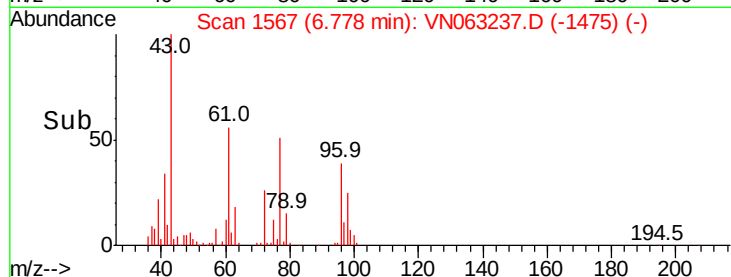
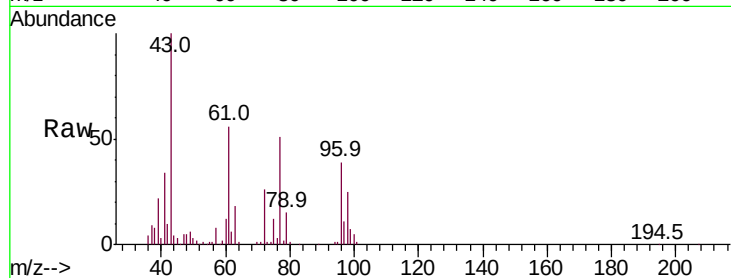
Lab File: VN063237.D

Acq: 4 Sep 2020 10:55

Instrument :
MSVOA_N
ClientSampleId :
VN0904WBS01

Tot Ion: 96 Resp: 90119

Ion	Ratio	Lower	Upper
96	100		
61	148.2	0.0	303.2
98	64.4	0.0	129.0



#28

Bromochloromethane

Concen: 16.860 ug/l

RT: 7.14 min Scan# 1681

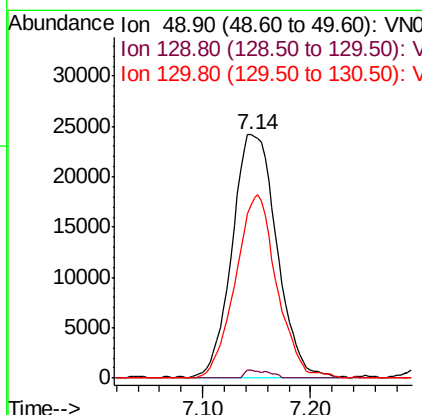
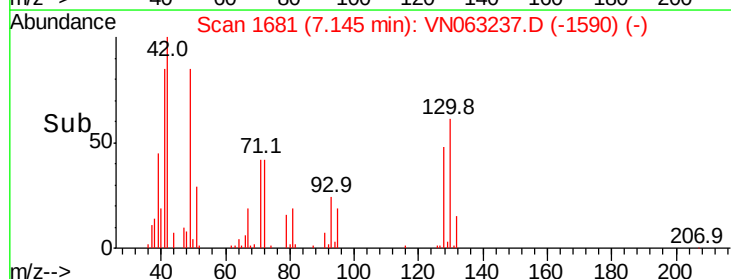
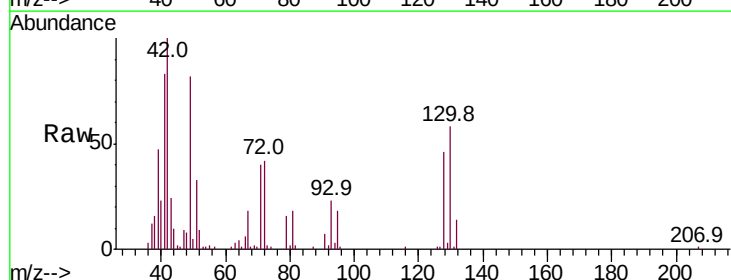
Delta R.T. -0.01 min

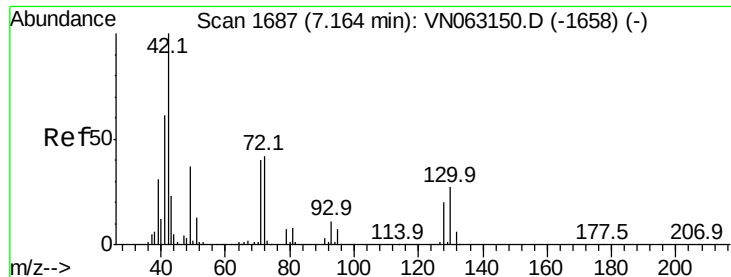
Lab File: VN063237.D

Acq: 4 Sep 2020 10:55

Tgt Ion: 49 Resp: 69795

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.0
130	69.8	54.4	81.6





#29

Tetrahydrofuran

Concen: 94.154 ug/l

RT: 7.16 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN063237.D

Acq: 4 Sep 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

VN0904WBS01

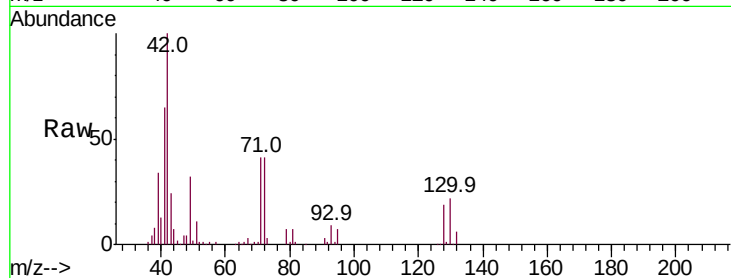
Tot Ion: 42 Resp: 154191

Ion Ratio Lower Upper

42 100

72 42.2 33.9 50.9

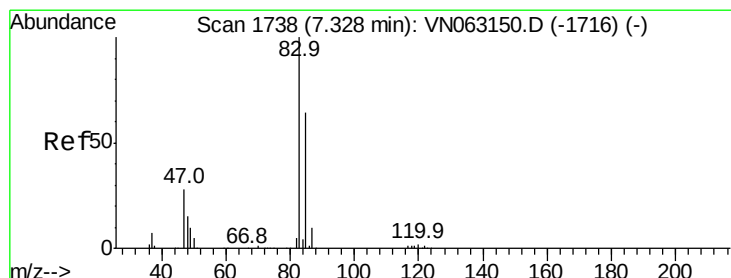
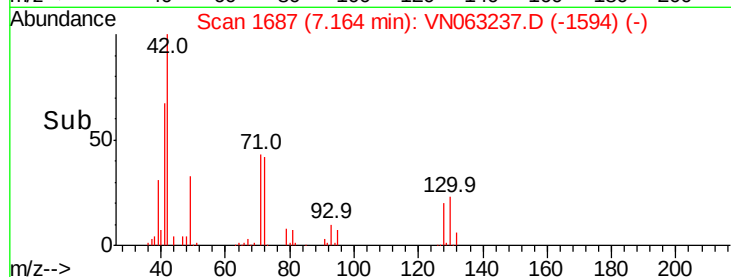
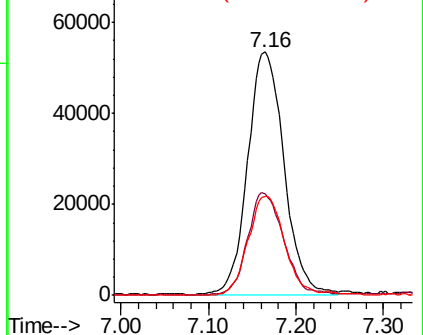
71 40.7 31.9 47.9



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: 18.443 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. 0.00 min

Lab File: VN063237.D

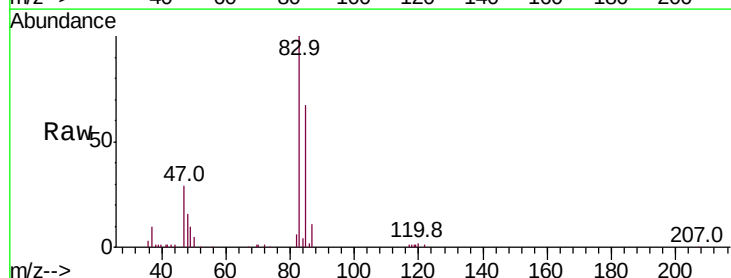
Acq: 4 Sep 2020 10:55

Tgt Ion: 83 Resp: 152890

Ion Ratio Lower Upper

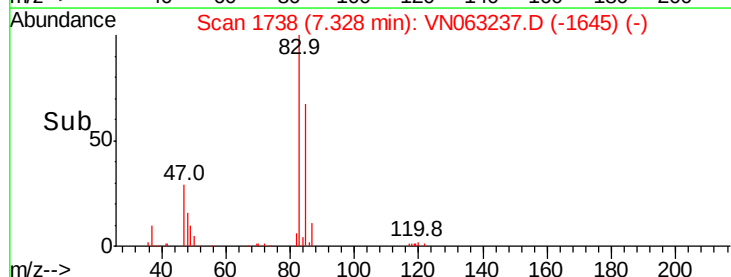
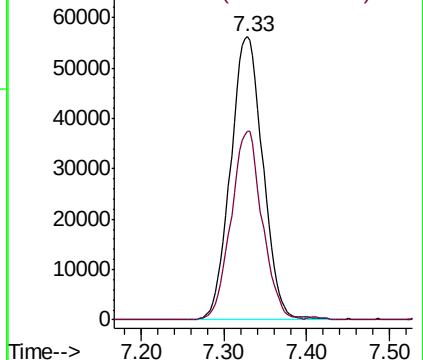
83 100

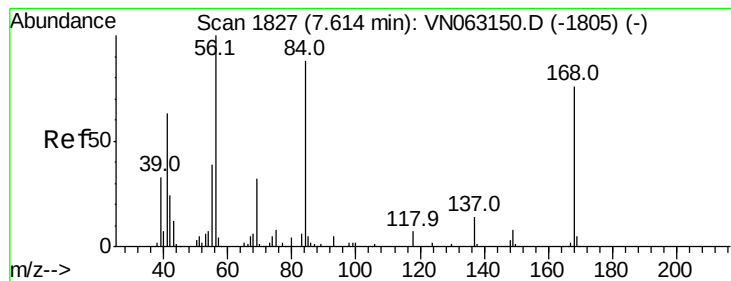
85 66.6 51.0 76.6



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 17.155 ug/l

RT: 7.61 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN063237.D

Acq: 4 Sep 2020 10:55

Instrument :

MSVOA_N

ClientSampled :

VN0904WBS01

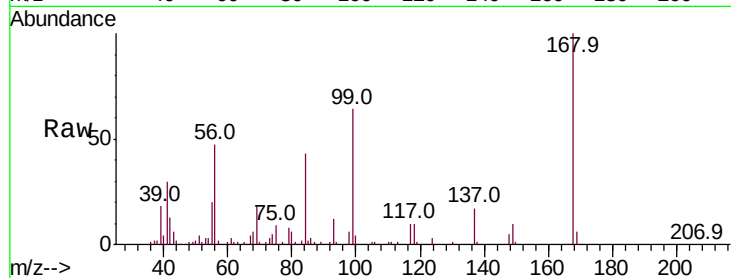
Tot Ion: 56 Resp: 127822

Ion Ratio Lower Upper

56 100

69 38.3 25.4 38.0#

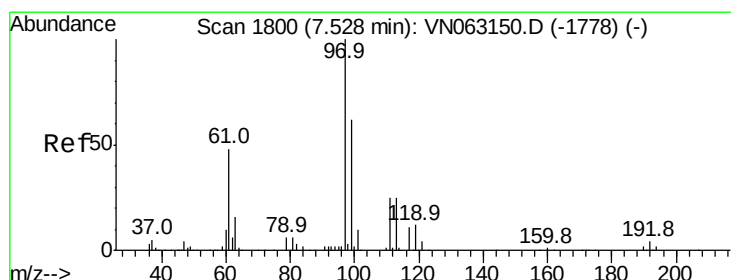
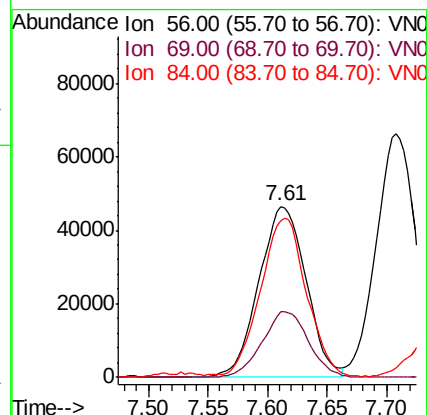
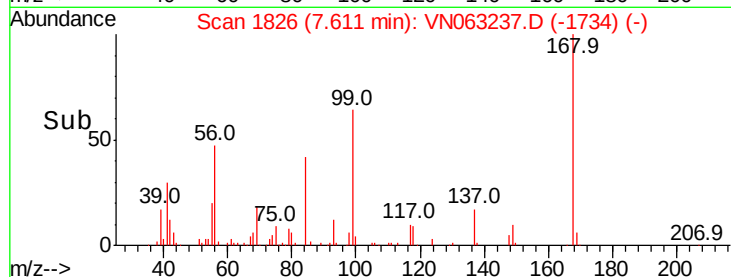
84 89.5 70.2 105.4



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: 18.943 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN063237.D

Acq: 4 Sep 2020 10:55

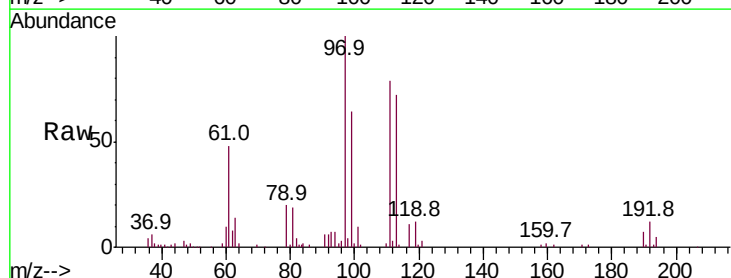
Tgt Ion: 97 Resp: 135318

Ion Ratio Lower Upper

97 100

99 62.7 50.8 76.2

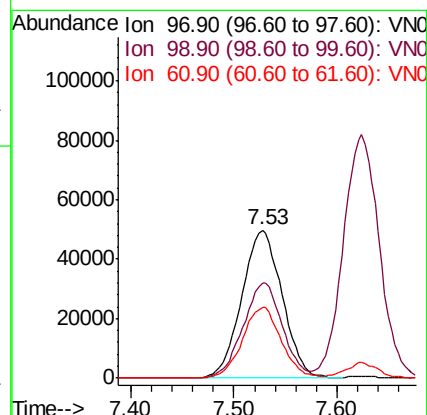
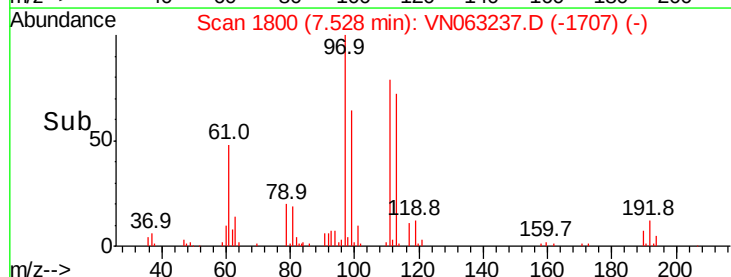
61 46.3 37.4 56.2

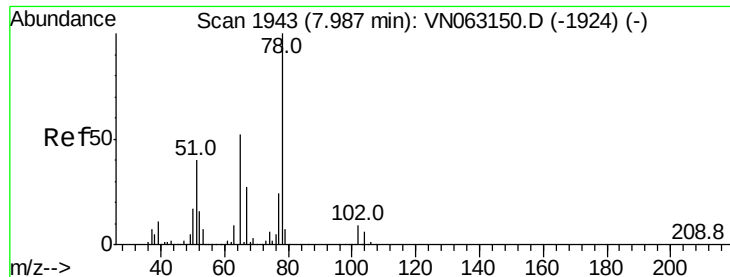


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 47.287 ug/l

RT: 7.98 min Scan# 1942

Delta R.T. -0.00 min

Lab File: VN063237.D

Acq: 4 Sep 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

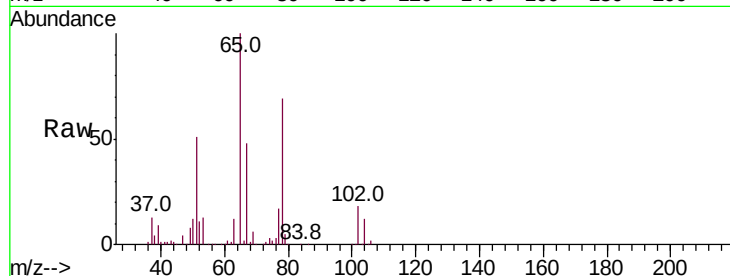
VN0904WBS01

Tot Ion: 65 Resp: 254437

Ion Ratio Lower Upper

65 100

67 49.9 0.0 104.4



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

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

7.98

120000

100000

80000

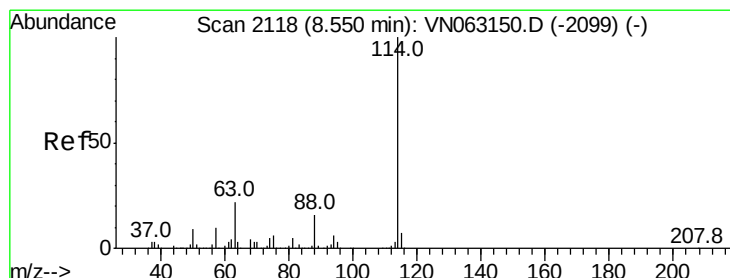
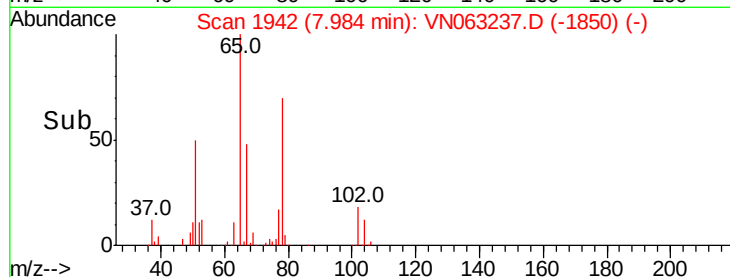
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN063237.D

Acq: 4 Sep 2020 10:55

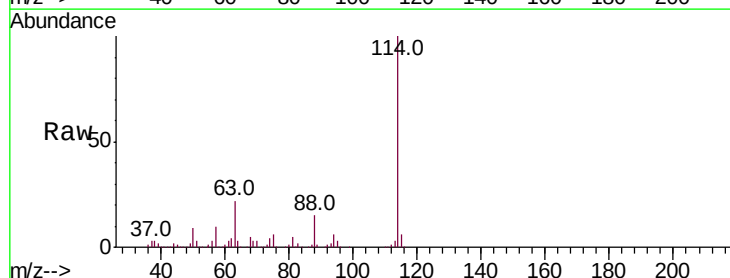
Tgt Ion: 114 Resp: 580372

Ion Ratio Lower Upper

114 100

63 22.0 0.0 43.0

88 15.4 0.0 31.6



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

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

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

8.55

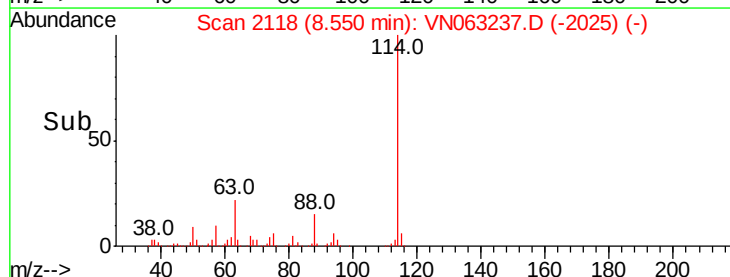
300000

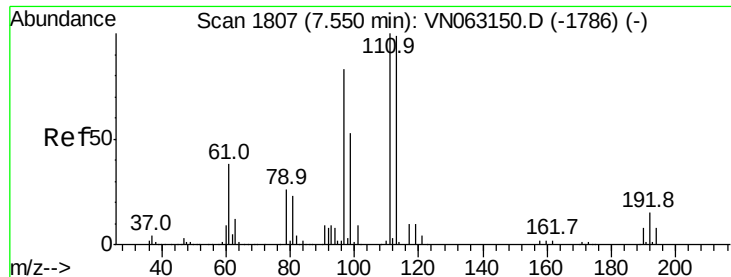
200000

100000

0

Time-->

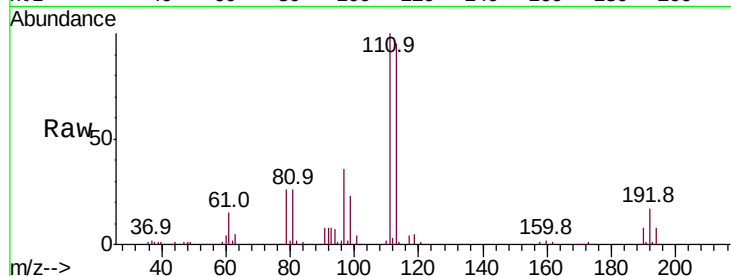




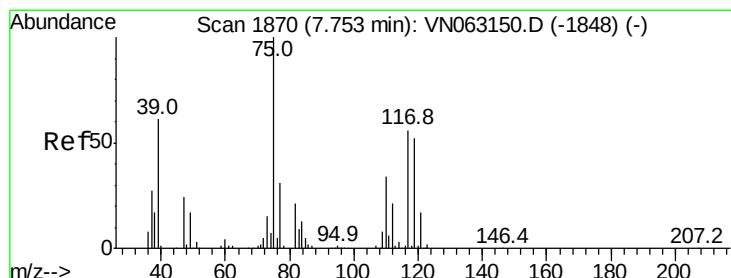
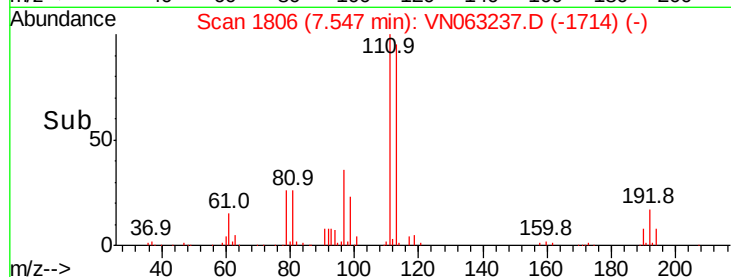
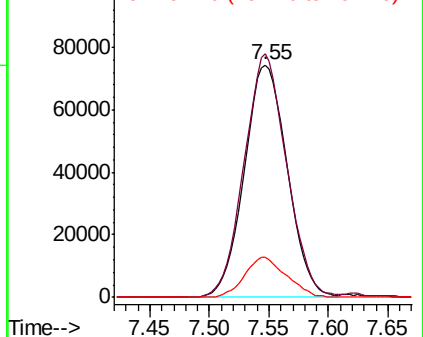
#35
 Dibromofluoromethane
 Concen: 50.023 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN063237.D
 Acq: 4 Sep 2020 10:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0904WBS01

Tot Ion:113 Resp: 186256
 Ion Ratio Lower Upper
 113 100
 111 103.5 80.7 121.1
 192 16.7 12.6 19.0

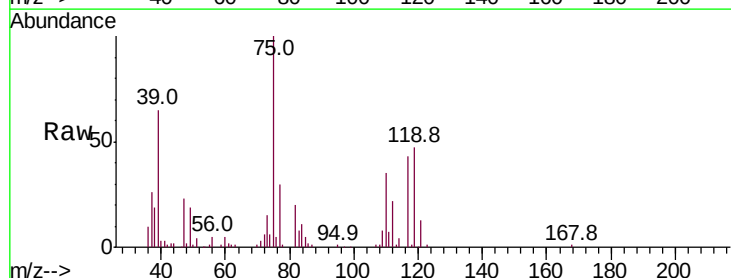


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

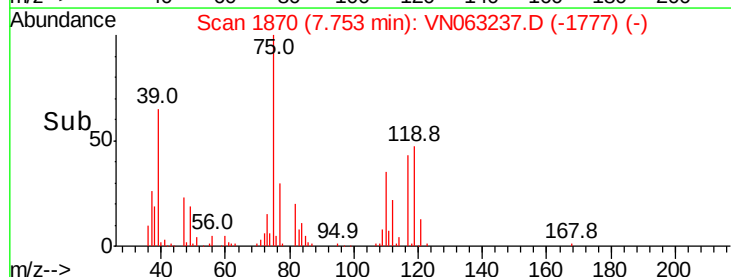
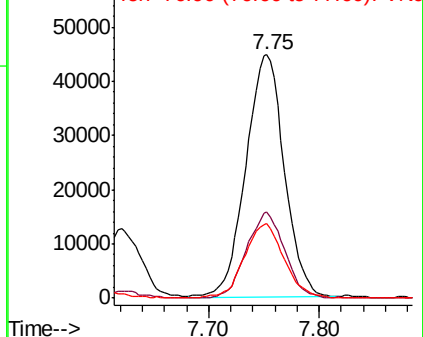


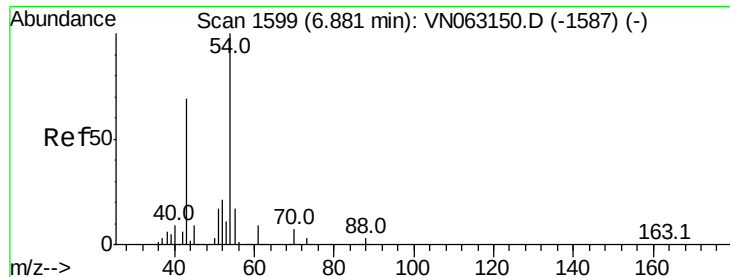
#36
 1,1-Dichloropropene
 Concen: 19.356 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN063237.D
 Acq: 4 Sep 2020 10:55

Tgt Ion: 75 Resp: 107993
 Ion Ratio Lower Upper
 75 100
 110 35.1 16.6 49.8
 77 31.8 25.4 38.2



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

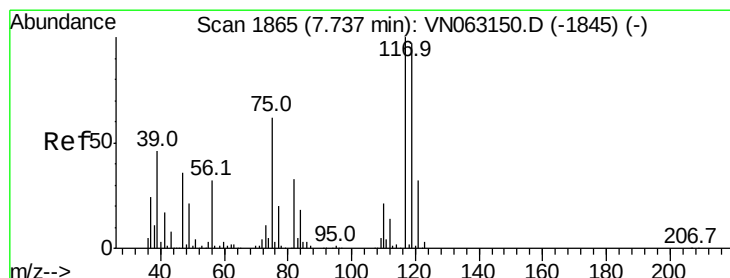
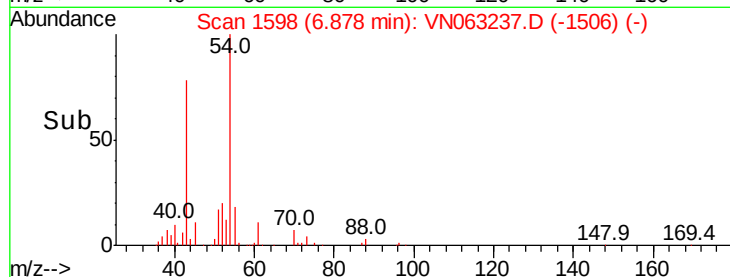
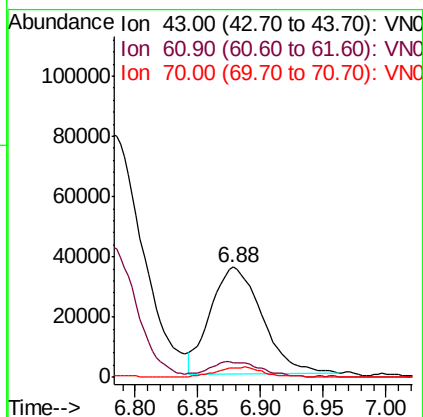
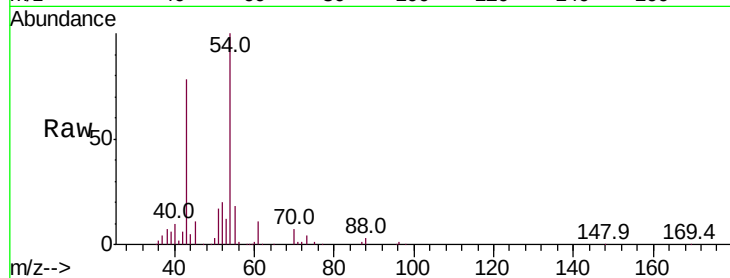




#37
Ethyl Acetate
Concen: 19.514 ug/l
RT: 6.88 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VN063237.D
Acq: 4 Sep 2020 10:55

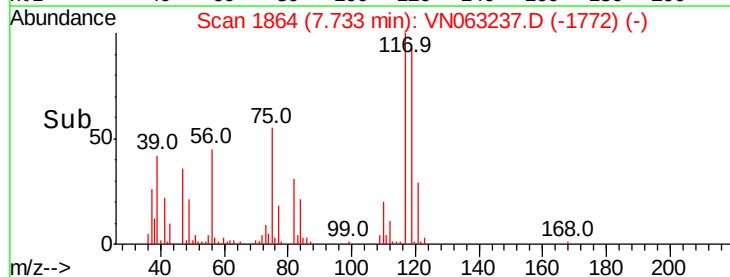
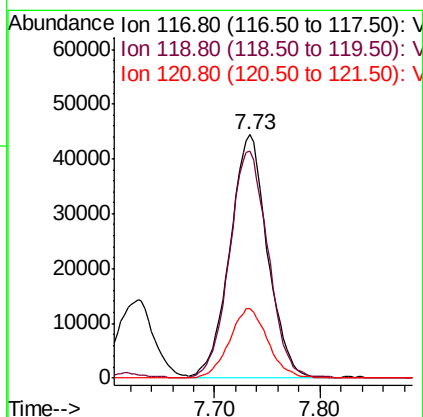
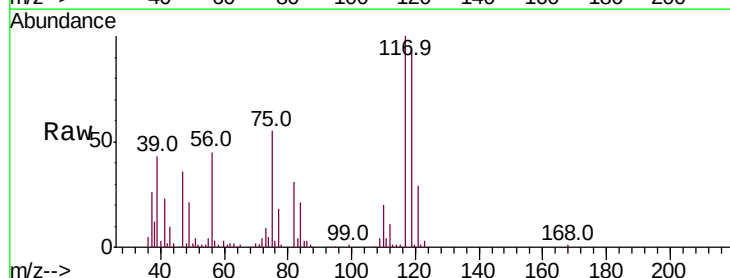
Instrument :
MSVOA_N
ClientSampled :
VN0904WBS01

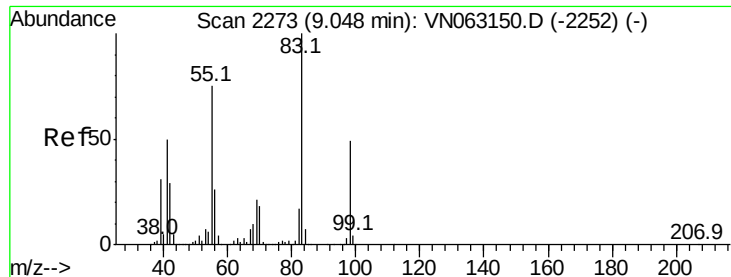
Tot Ion: 43 Resp: 101578
Ion Ratio Lower Upper
43 100
61 13.8 10.2 15.4
70 9.0 3.0 4.6#



#38
Carbon Tetrachloride
Concen: 19.461 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN063237.D
Acq: 4 Sep 2020 10:55

Tgt Ion: 117 Resp: 110113
Ion Ratio Lower Upper
117 100
119 93.2 77.2 115.8
121 28.7 25.6 38.4

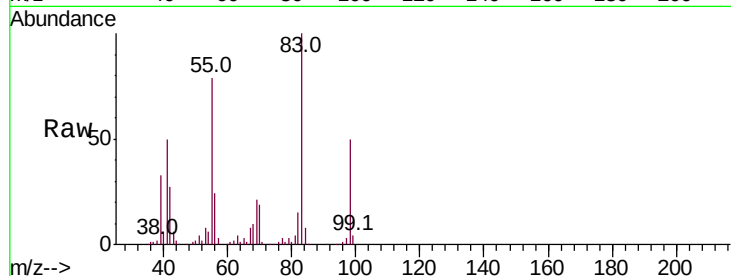




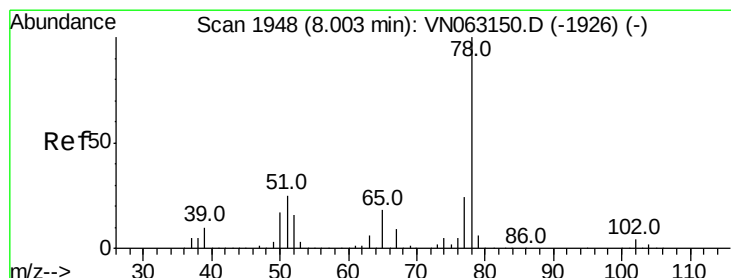
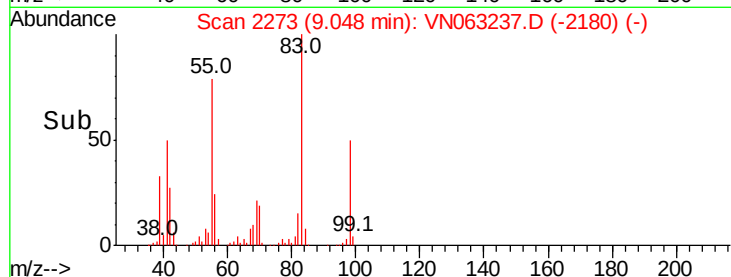
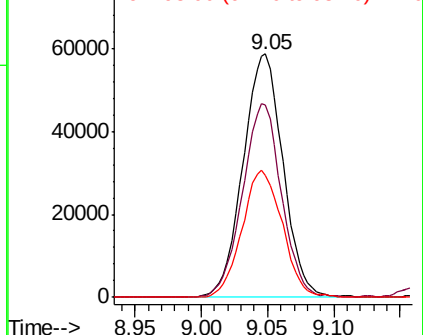
#39
Methylvlcyclohexane
Concen: 19.579 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063237.D
Acq: 4 Sep 2020 10:55

Instrument :
MSVOA_N
ClientSampleId :
VN0904WBS01

Tot Ion	83	Resp	122723
Ion	Ratio	Lower	Upper
83	100		
55	79.2	60.3	90.5
98	50.2	38.9	58.3

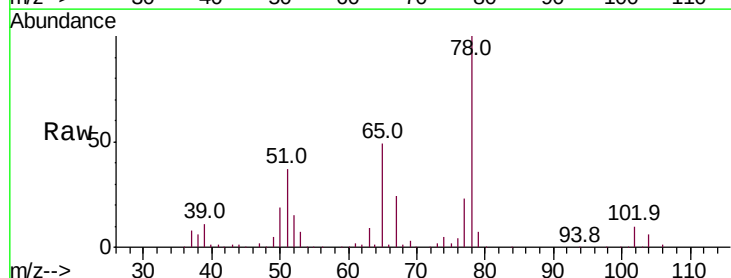


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

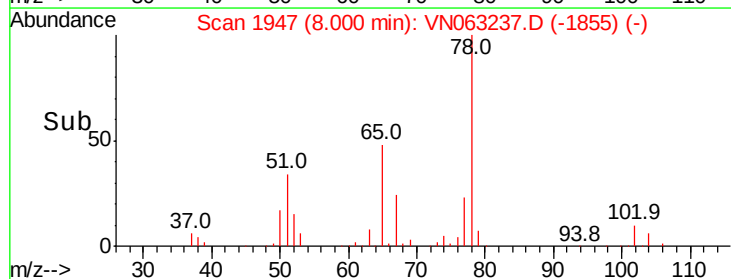
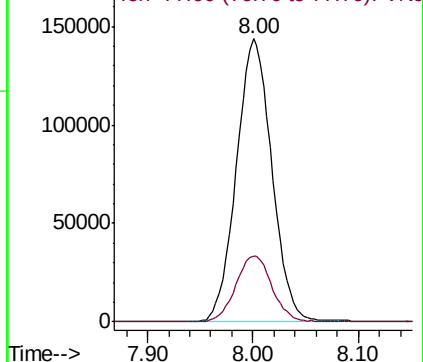


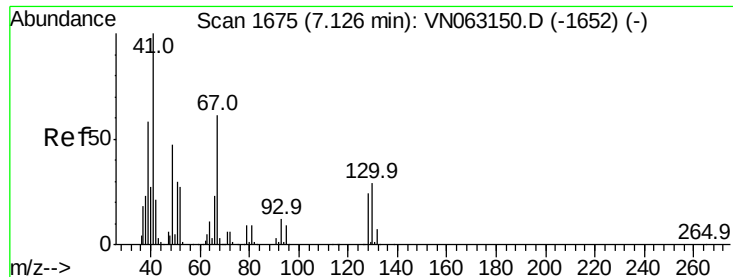
#40
Benzene
Concen: 20.484 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN063237.D
Acq: 4 Sep 2020 10:55

Tgt Ion	78	Resp	335845
Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.3	28.9



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

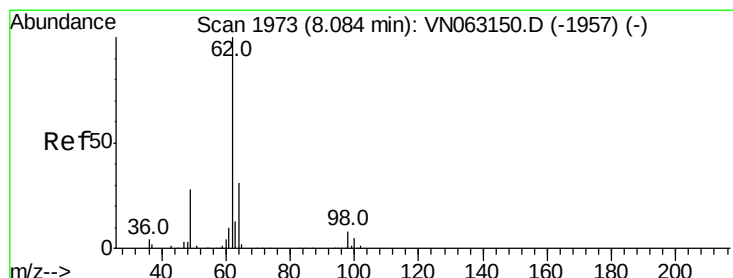
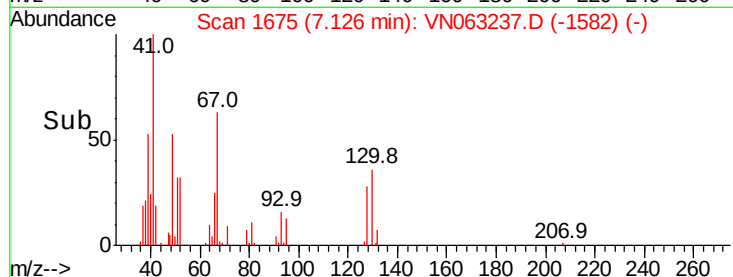
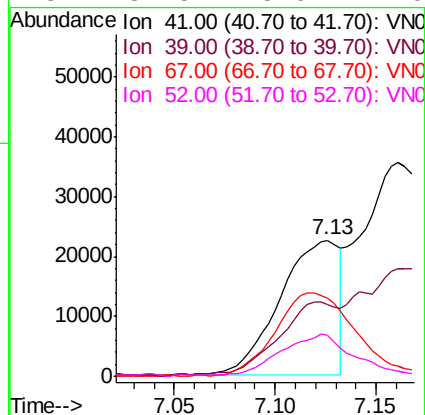
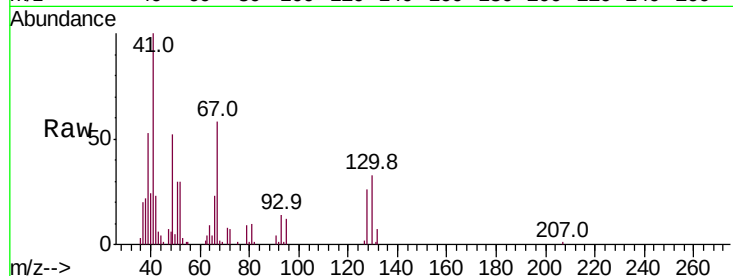




#41
Methacrylonitrile
Concen: 19.691 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. 0.00 min
Lab File: VN063237.D
Acq: 4 Sep 2020 10:55

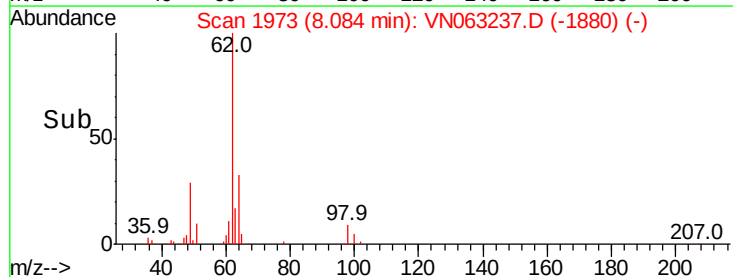
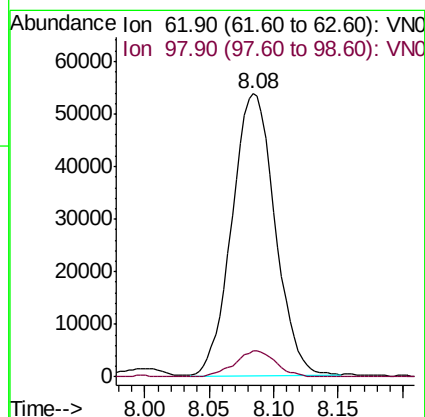
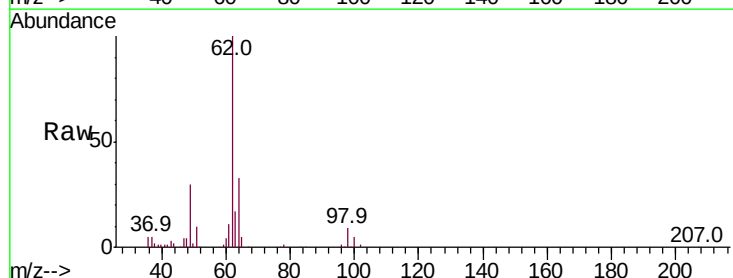
Instrument :
MSVOA_N
ClientSampled :
VN0904WBS01

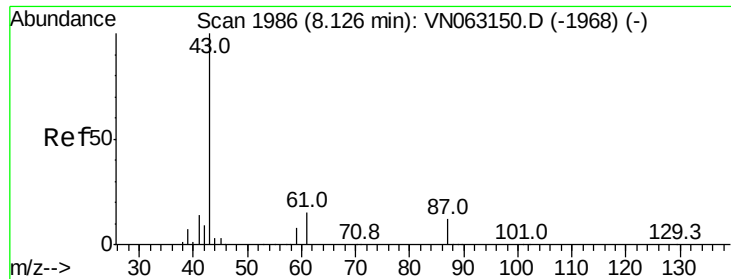
Tot Ion:	41	Resp:	46282
Ion	Ratio	Lower	Upper
41	100		
39	52.3	46.6	70.0
67	83.1	62.6	94.0
52	37.5	28.0	42.0



#42
1,2-Dichloroethane
Concen: 20.284 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN063237.D
Acq: 4 Sep 2020 10:55

Tgt Ion:	62	Resp:	124228
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.2





#43

Isopropyl Acetate

Concen: 20.196 ug/l

RT: 8.12 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VN063237.D

Acq: 4 Sep 2020 10:55

Instrument :

MSVOA_N

ClientSampled :

VN0904WBS01

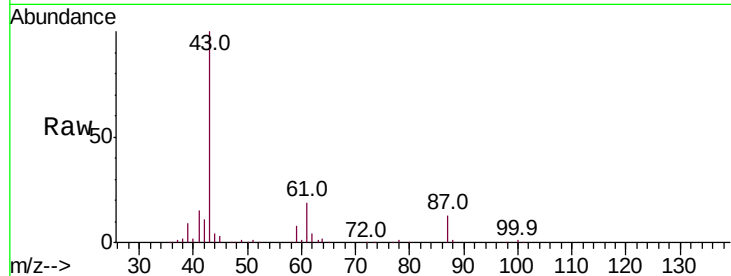
Tot Ion: 43 Resp: 183766

Ion Ratio Lower Upper

43 100

61 18.5 20.2 30.4#

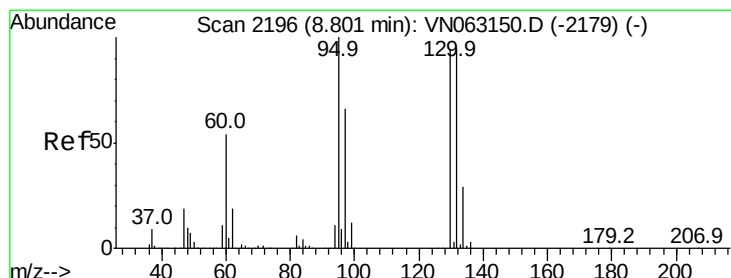
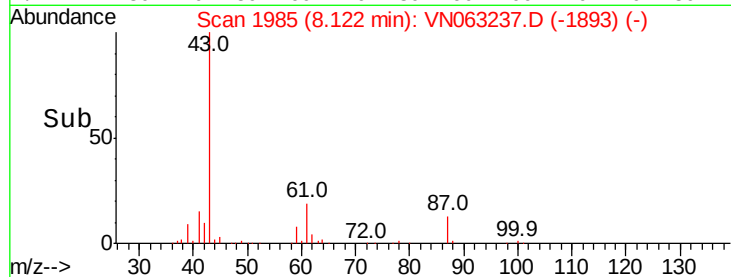
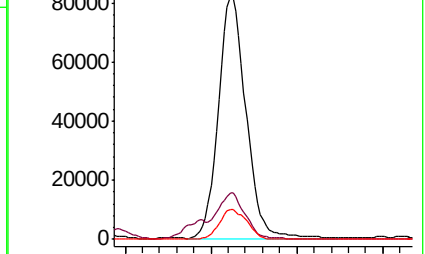
87 12.2 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VN063150.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN063150.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN063150.D (-1968) (-)



#44

Trichloroethene

Concen: 21.606 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN063237.D

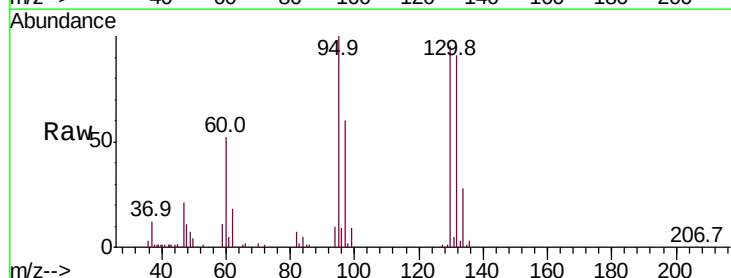
Acq: 4 Sep 2020 10:55

Tgt Ion:130 Resp: 85925

Ion Ratio Lower Upper

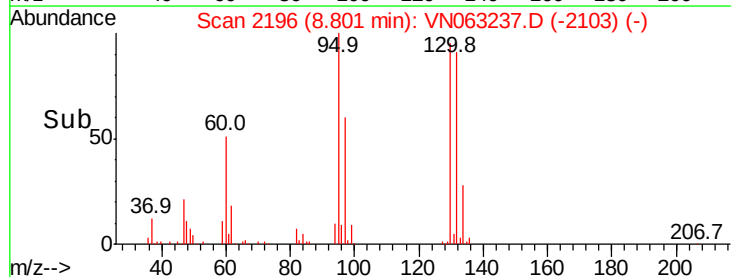
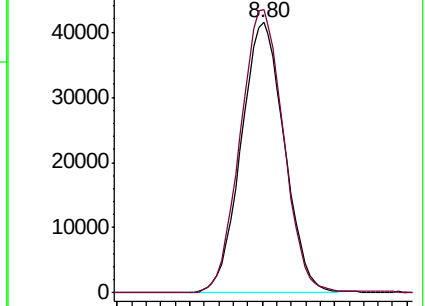
130 100

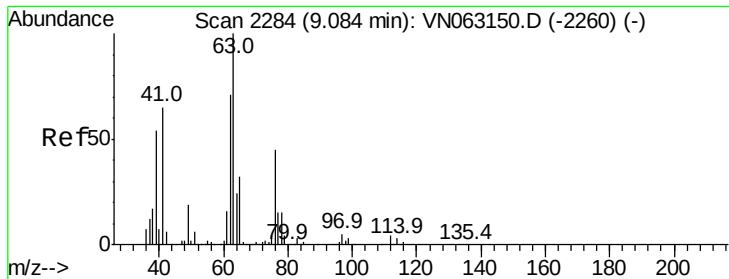
95 104.8 0.0 212.0



Abundance Ion 129.80 (129.50 to 130.50): VN063150.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN063150.D (-2179) (-)

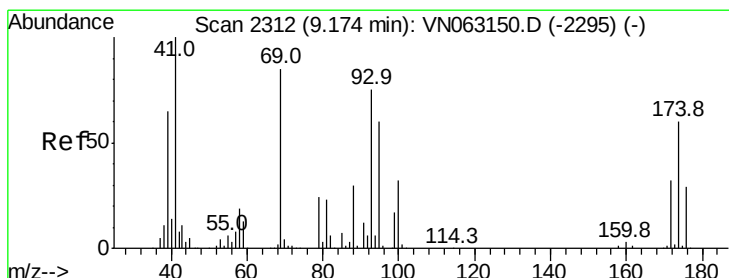
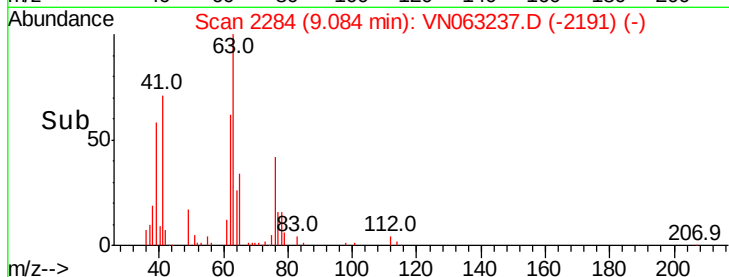
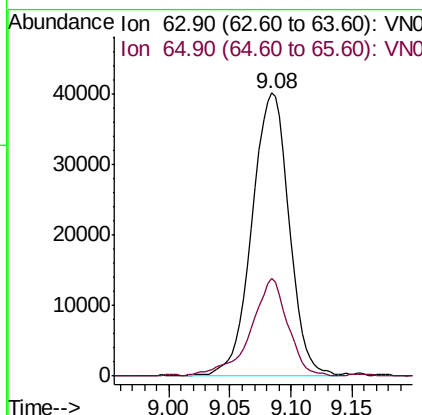
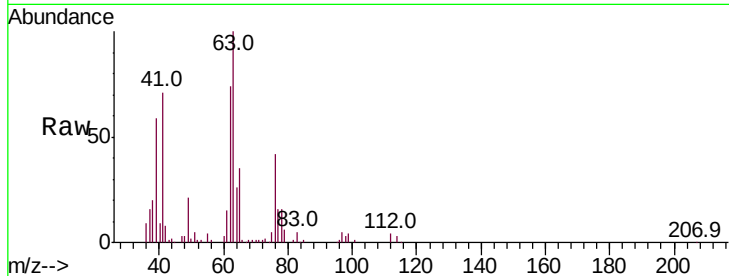




#45
 1,2-Dichloropropane
 Concen: 19.554 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN063237.D
 Acq: 4 Sep 2020 10:55

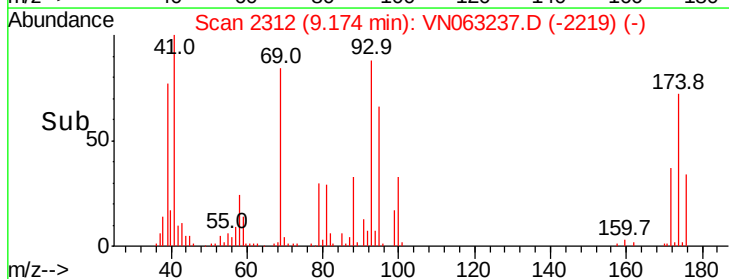
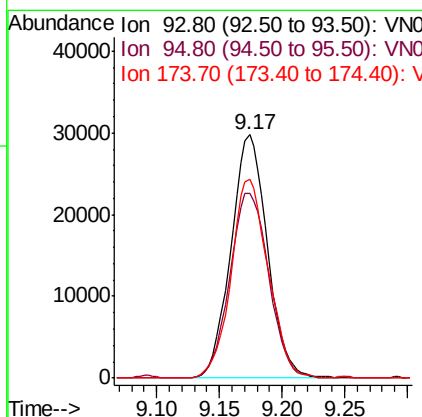
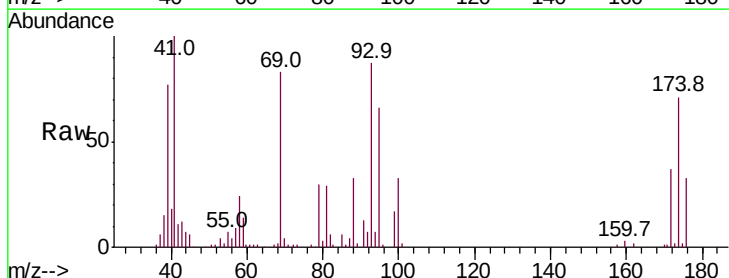
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0904WBS01

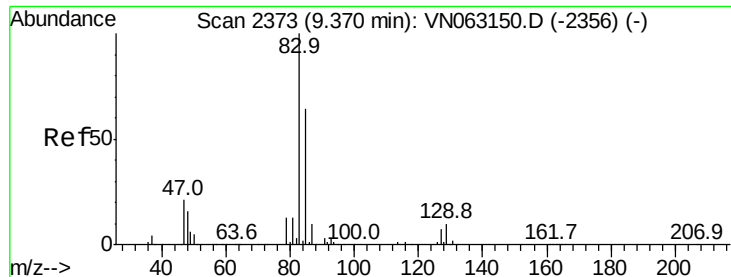
Tot Ion: 63 Resp: 84887
 Ion Ratio Lower Upper
 63 100
 65 34.7 25.4 38.0



#46
 Dibromomethane
 Concen: 20.850 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN063237.D
 Acq: 4 Sep 2020 10:55

Tgt Ion: 93 Resp: 59982
 Ion Ratio Lower Upper
 93 100
 95 81.4 65.2 97.8
 174 83.2 64.6 97.0





#47

Bromodichloromethane

Concen: 19.625 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN063237.D

Acq: 4 Sep 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

VN0904WBS01

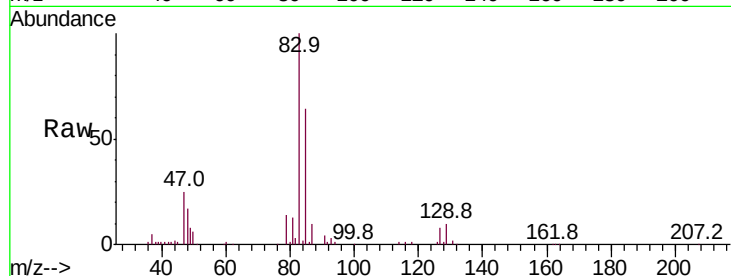
Tot Ion: 83 Resp: 121012

Ion Ratio Lower Upper

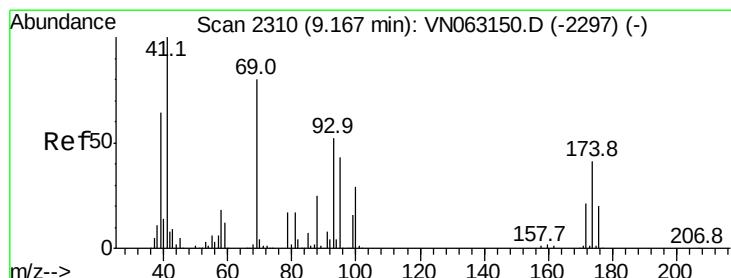
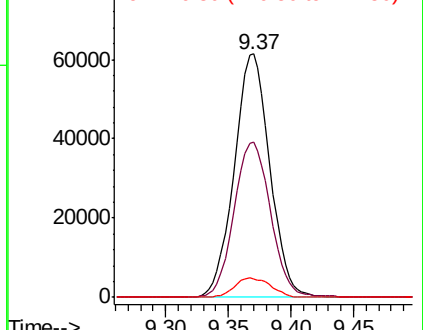
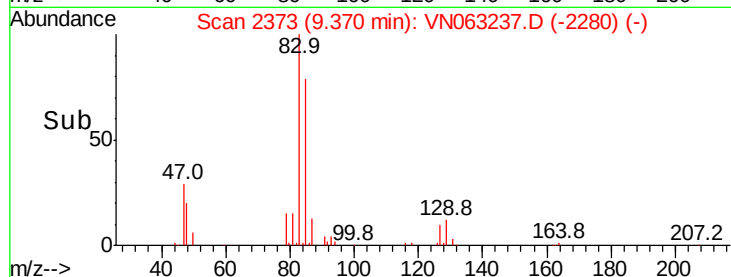
83 100

85 63.9 51.0 76.6

127 7.7 5.7 8.5



Abundance Ion 82.90 (82.60 to 83.60): VN063237.D (-2280) (-)



#48

Methyl methacrylate

Concen: 20.259 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN063237.D

Acq: 4 Sep 2020 10:55

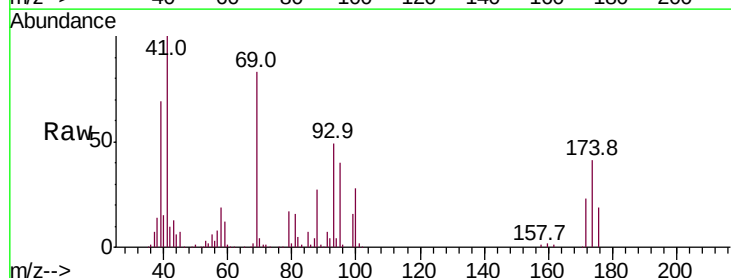
Tgt Ion: 41 Resp: 83102

Ion Ratio Lower Upper

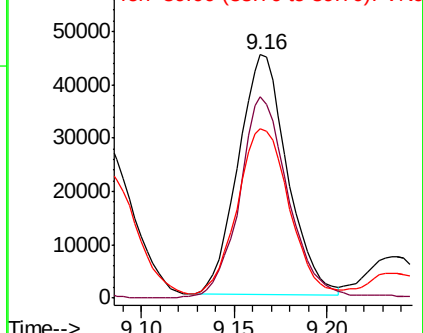
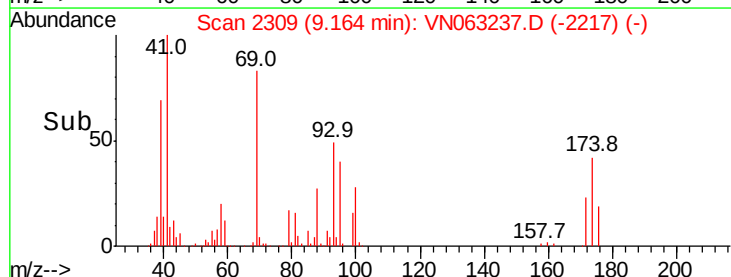
41 100

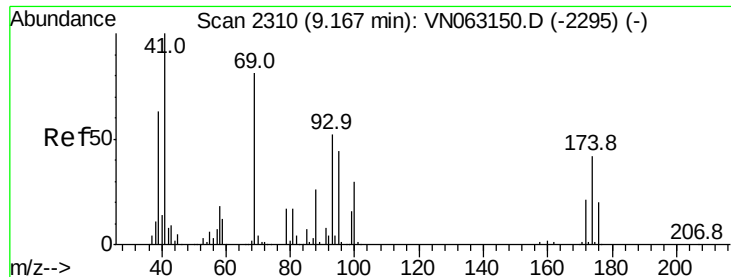
69 83.2 65.9 98.9

39 75.2 52.0 78.0



Abundance Ion 41.00 (40.70 to 41.70): VN063237.D (-2217) (-)





#49

1,4-Dioxane

Concen: 432.439 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN063237.D

Acq: 4 Sep 2020 10:55

Instrument :

MSVOA_N

ClientSampled :

VN0904WBS01

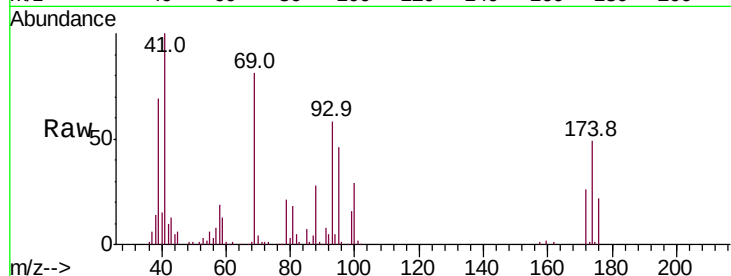
Tot Ion: 88 Resp: 27436

Ion Ratio Lower Upper

88 100

43 38.3 28.6 42.8

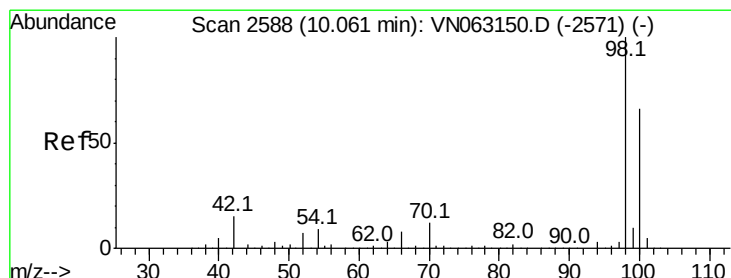
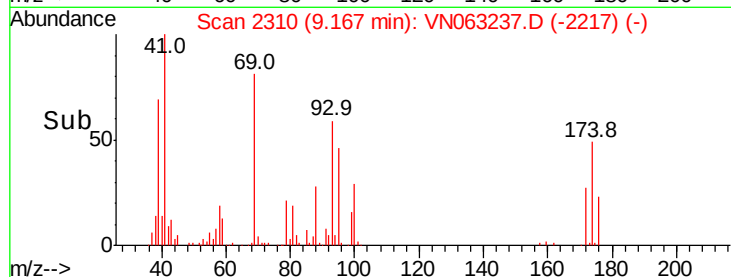
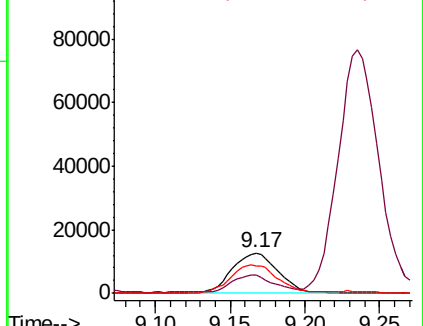
58 71.7 53.2 79.8



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: 49.970 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN063237.D

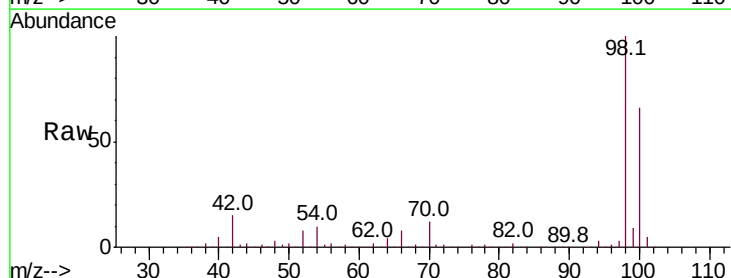
Acq: 4 Sep 2020 10:55

Tgt Ion: 98 Resp: 716131

Ion Ratio Lower Upper

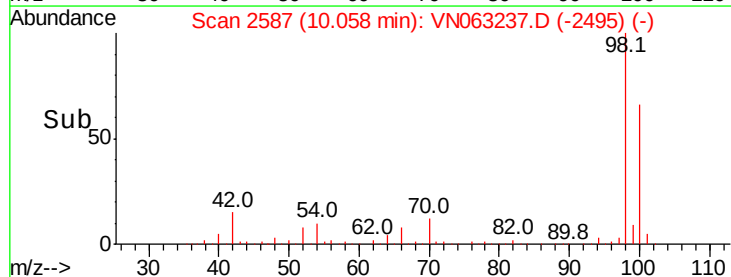
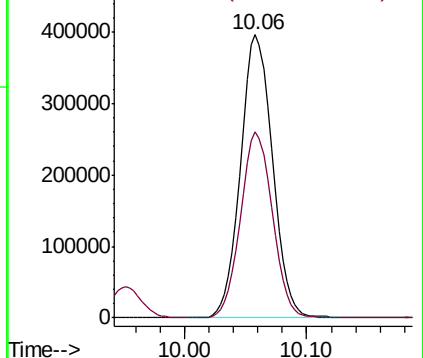
98 100

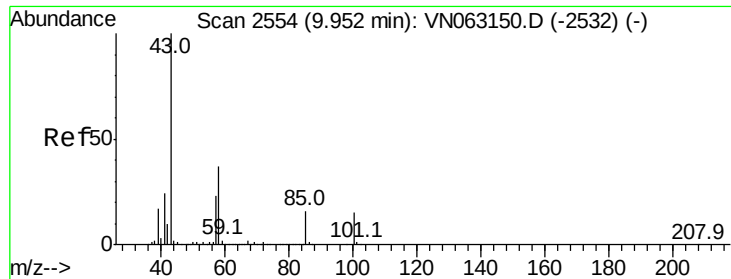
100 65.3 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

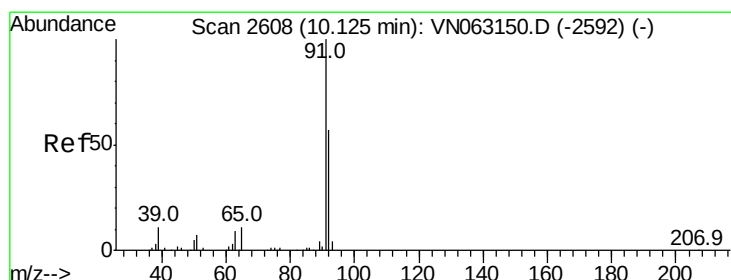
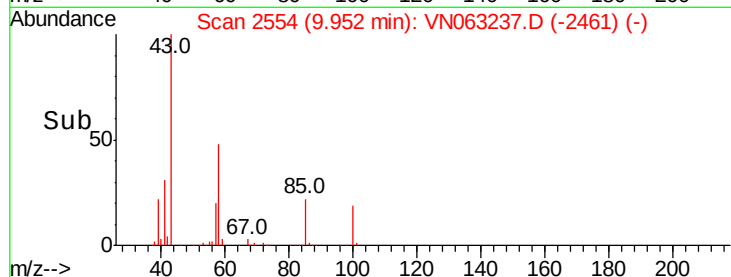
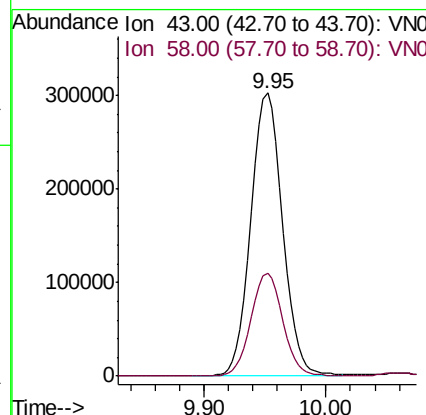
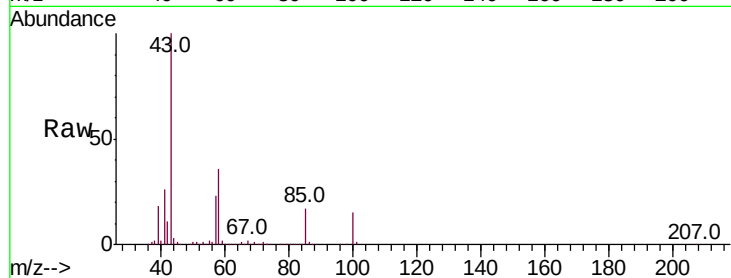




#51
 4-Methyl-2-Pentanone
 Concen: 109.415 ug/l
 RT: 9.95 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: VN063237.D
 Acq: 4 Sep 2020 10:55

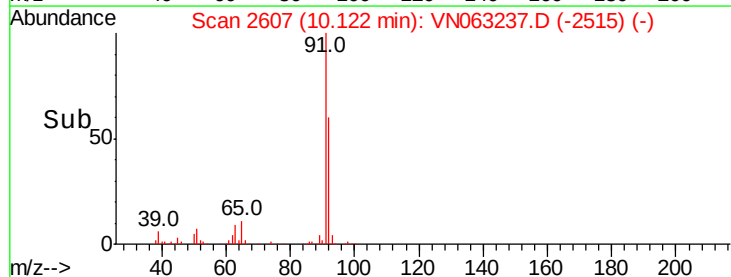
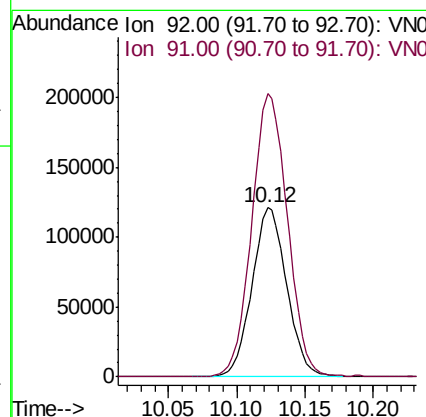
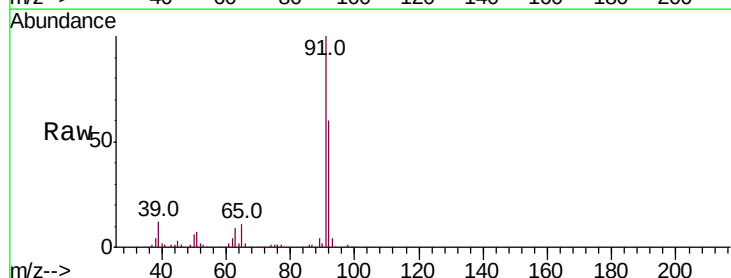
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0904WBS01

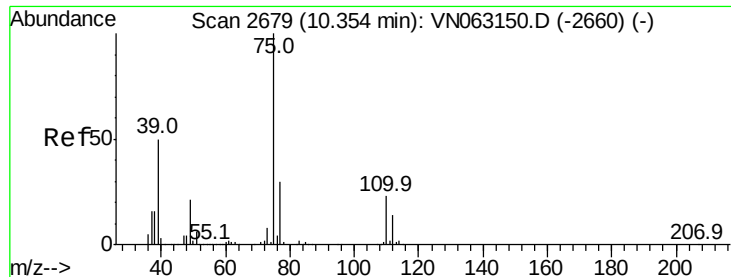
Tot Ion: 43 Resp: 541009
 Ion Ratio Lower Upper
 43 100
 58 36.6 29.2 43.8



#52
 Toluene
 Concen: 21.004 ug/l
 RT: 10.12 min Scan# 2607
 Delta R.T. -0.00 min
 Lab File: VN063237.D
 Acq: 4 Sep 2020 10:55

Tgt Ion: 92 Resp: 214522
 Ion Ratio Lower Upper
 92 100
 91 171.6 141.2 211.8





#53

t-1,3-Dichloropropene

Concen: 18.927 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN063237.D

Acq: 4 Sep 2020 10:55

Instrument :

MSVOA_N

ClientSampled :

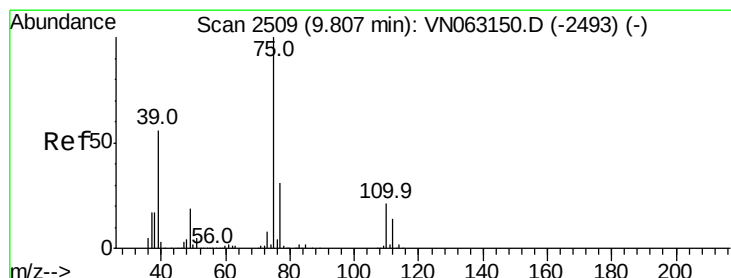
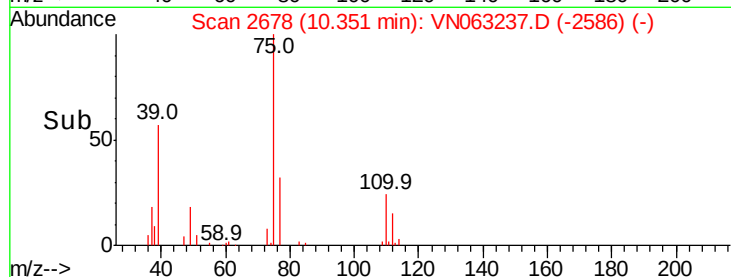
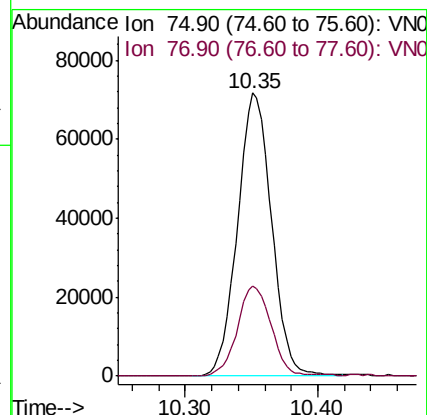
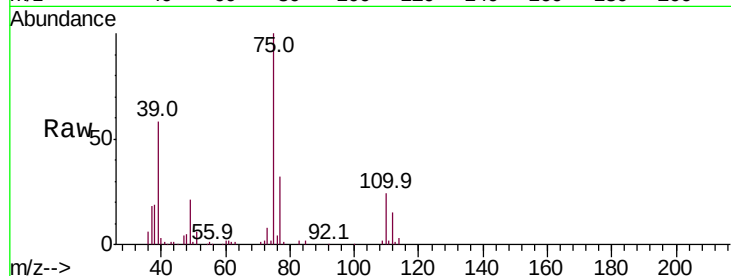
VN0904WBS01

Tot Ion: 75 Resp: 127662

Ion Ratio Lower Upper

75 100

77 31.8 24.2 36.2



#54

cis-1,3-Dichloropropene

Concen: 19.915 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN063237.D

Acq: 4 Sep 2020 10:55

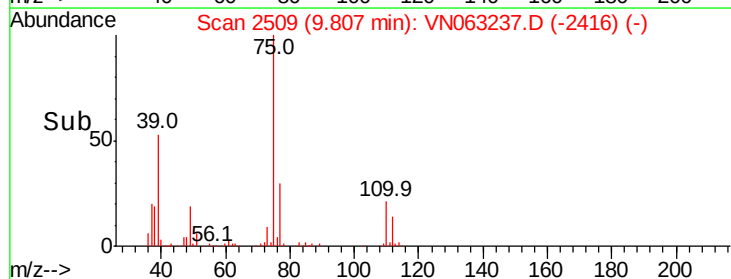
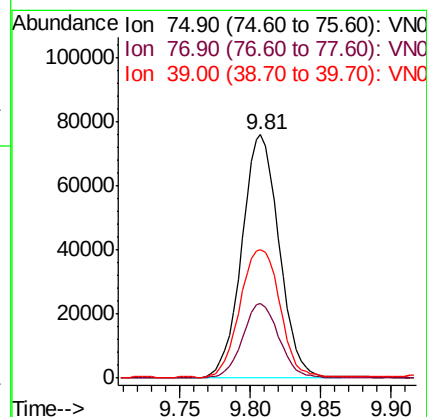
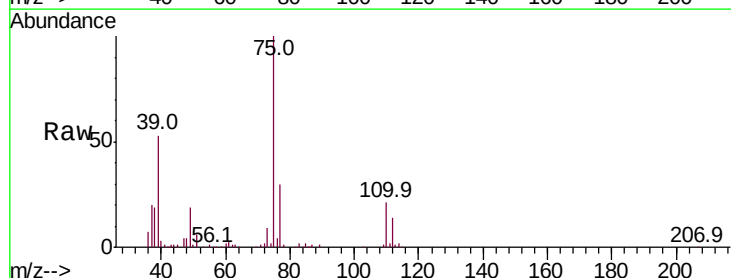
Tgt Ion: 75 Resp: 141003

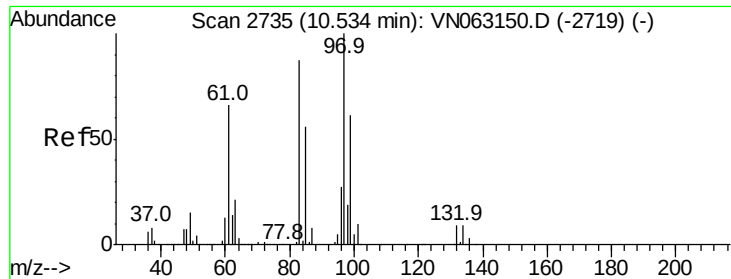
Ion Ratio Lower Upper

75 100

77 30.4 24.8 37.2

39 52.5 45.0 67.6

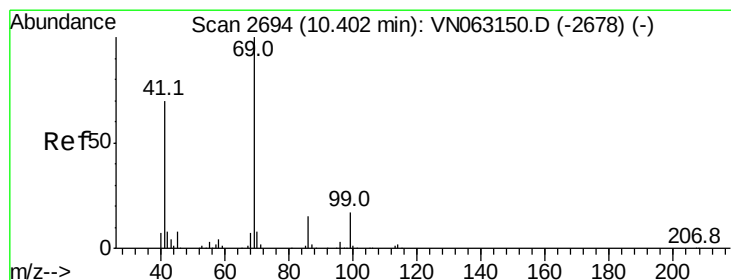
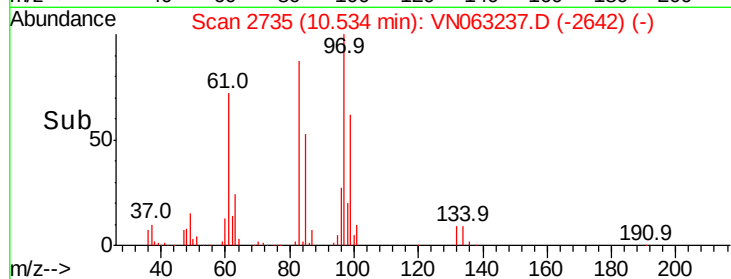
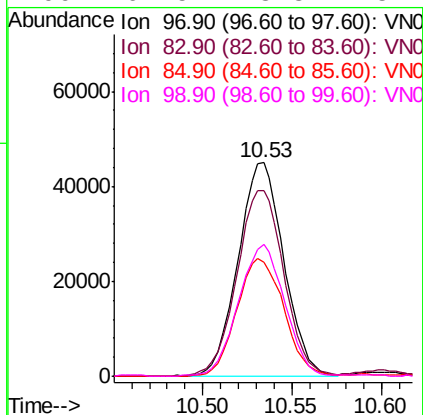
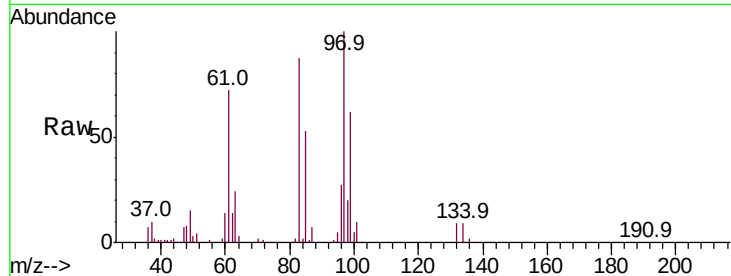




#55
 1,1,2-Trichloroethane
 Concen: 20.616 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN063237.D
 Acq: 4 Sep 2020 10:55

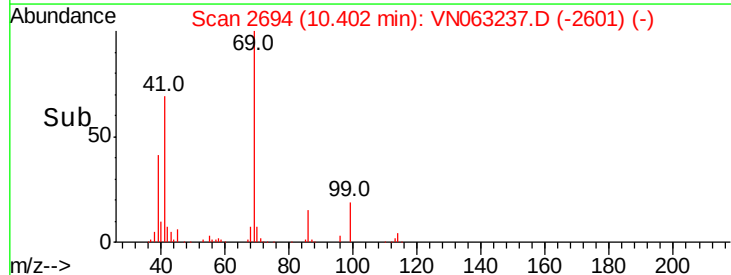
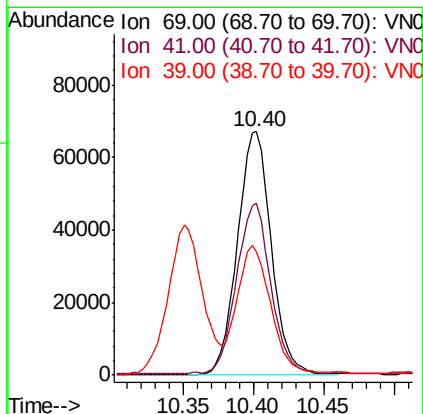
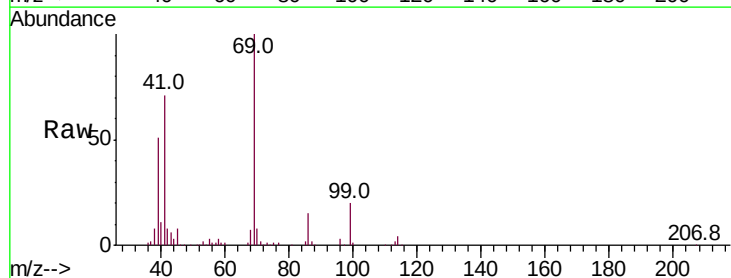
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0904WBS01

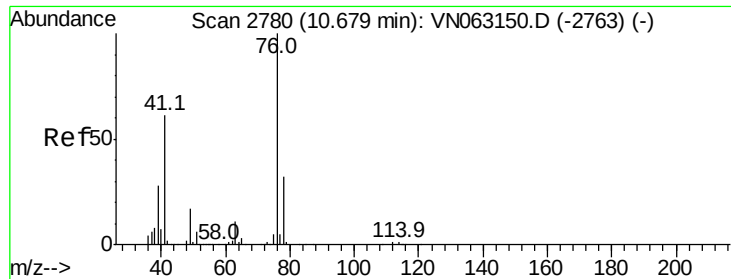
Tot Ion:	97	Resp:	80641
Ion	Ratio	Lower	Upper
97	100		
83	86.6	69.8	104.8
85	53.2	44.9	67.3
99	61.5	48.8	73.2



#56
 Ethyl methacrylate
 Concen: 19.074 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: VN063237.D
 Acq: 4 Sep 2020 10:55

Tgt Ion:	69	Resp:	113540
Ion	Ratio	Lower	Upper
69	100		
41	69.8	55.5	83.3
39	51.6	38.2	57.2

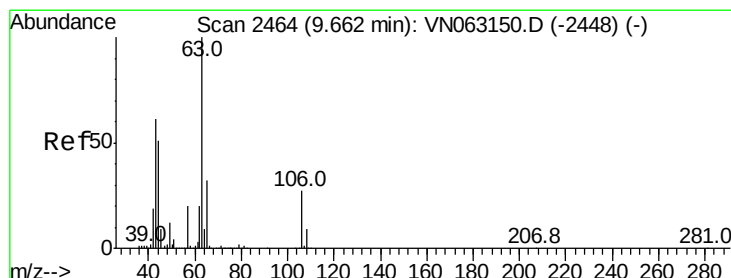
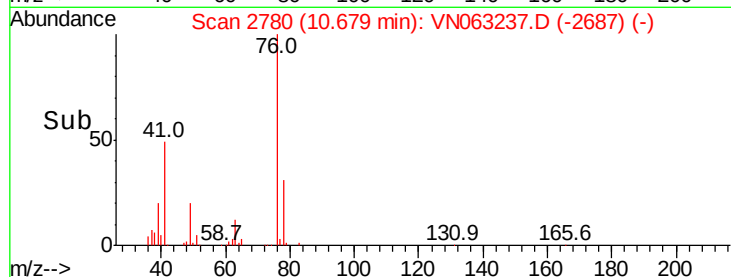
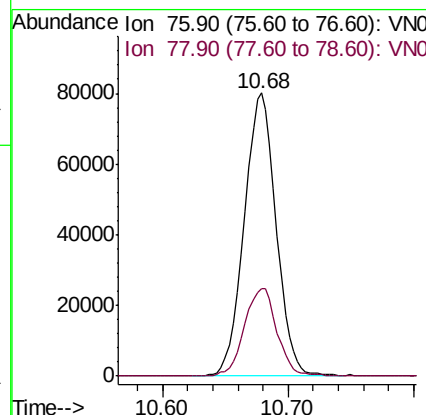
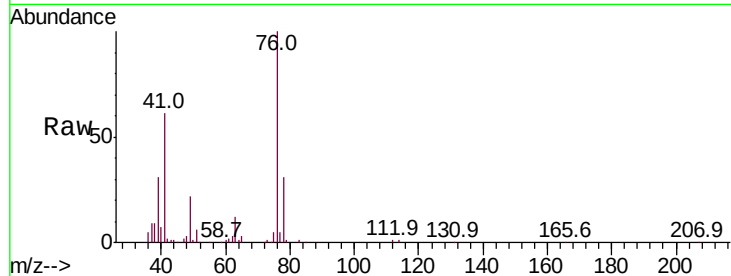




#57
 1,3-Dichloropropane
 Concen: 20.335 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN063237.D
 Acq: 4 Sep 2020 10:55

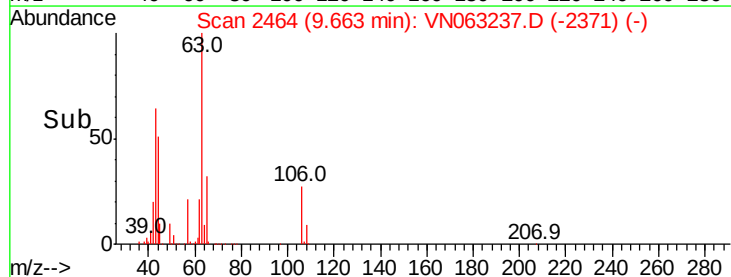
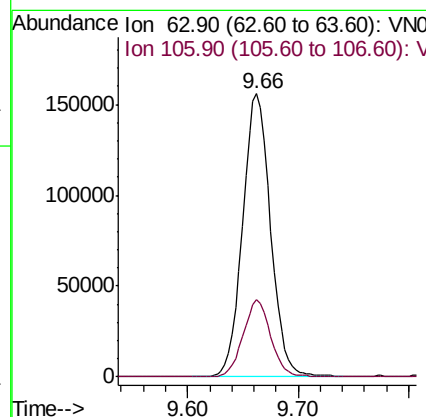
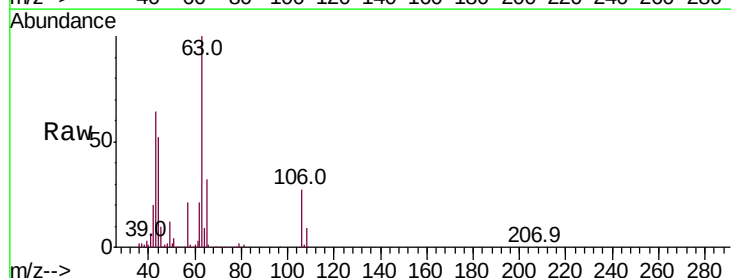
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0904WBS01

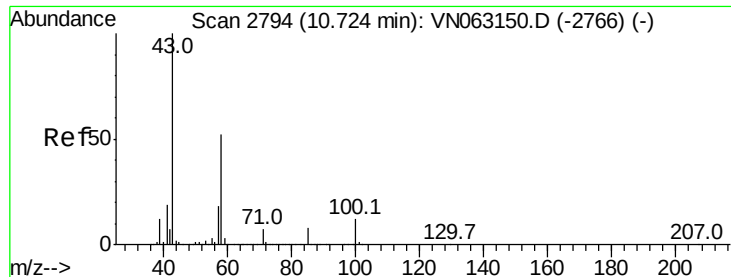
Tot Ion: 76 Resp: 141699
 Ion Ratio Lower Upper
 76 100
 78 31.6 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 88.540 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN063237.D
 Acq: 4 Sep 2020 10:55

Tgt Ion: 63 Resp: 272925
 Ion Ratio Lower Upper
 63 100
 106 27.1 21.8 32.6

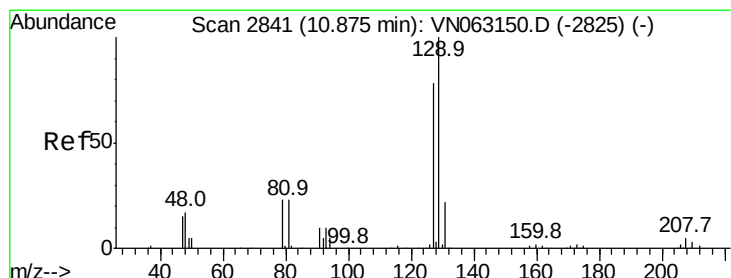
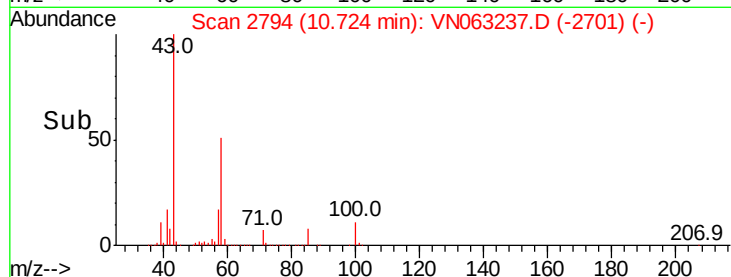
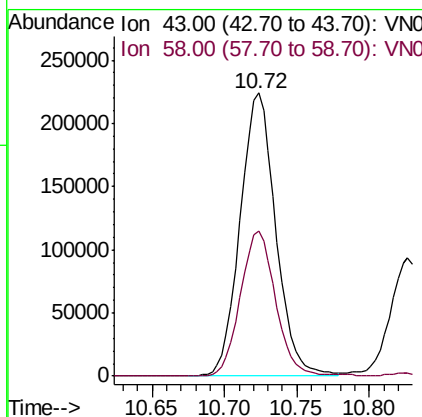
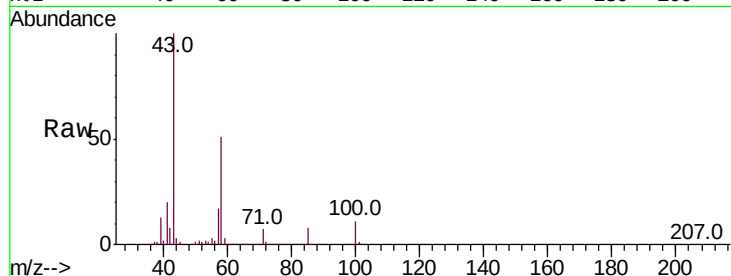




#59
2-Hexanone
Concen: 109.581 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063237.D
Acq: 4 Sep 2020 10:55

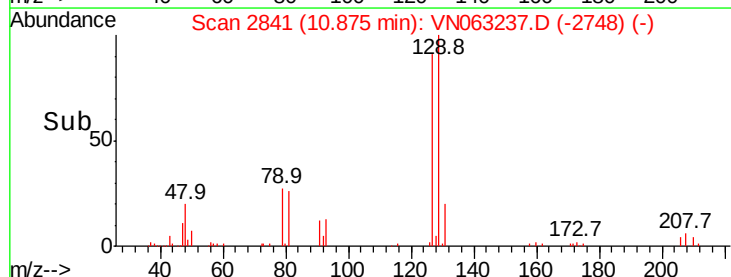
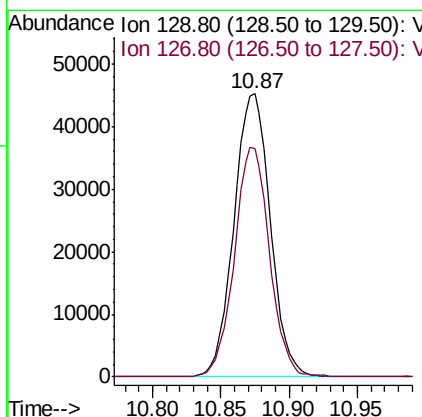
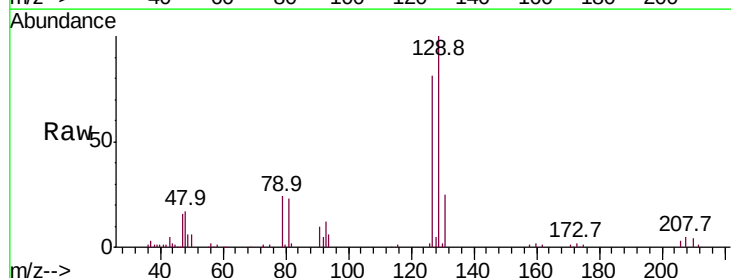
Instrument :
MSVOA_N
ClientSampled :
VN0904WBS01

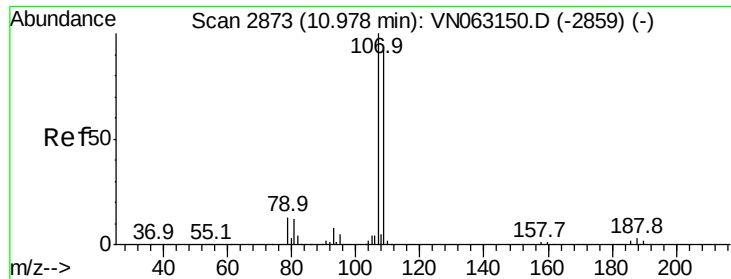
Tot Ion: 43 Resp: 380789
Ion Ratio Lower Upper
43 100
58 50.8 25.9 77.8



#60
Dibromochloromethane
Concen: 19.389 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063237.D
Acq: 4 Sep 2020 10:55

Tgt Ion: 129 Resp: 83846
Ion Ratio Lower Upper
129 100
127 78.1 39.0 117.0

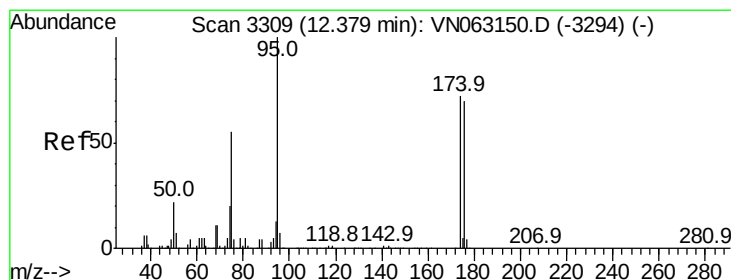
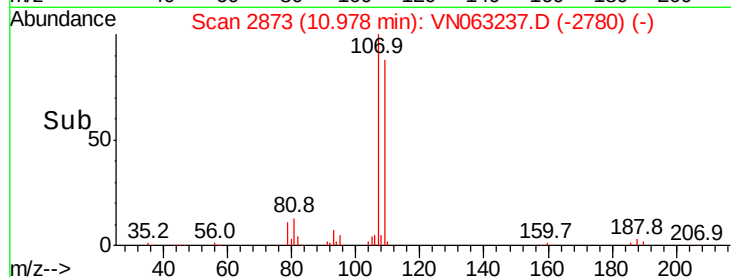
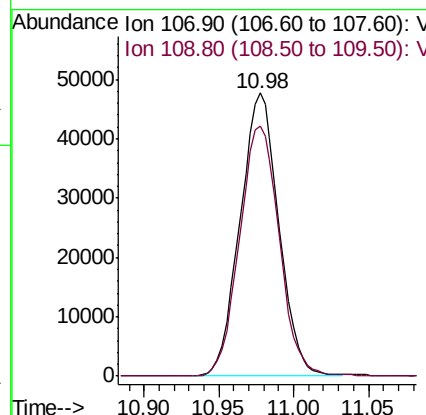
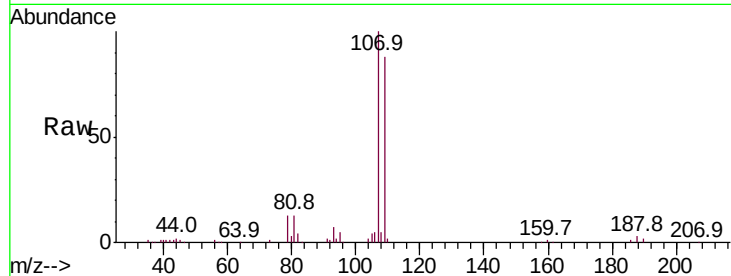




#61
 1,2-Dibromoethane
 Concen: 21.129 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN063237.D
 Acq: 4 Sep 2020 10:55

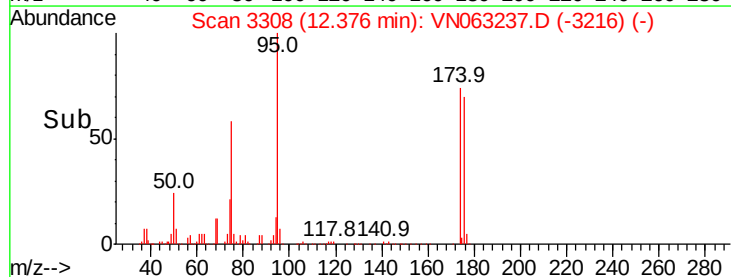
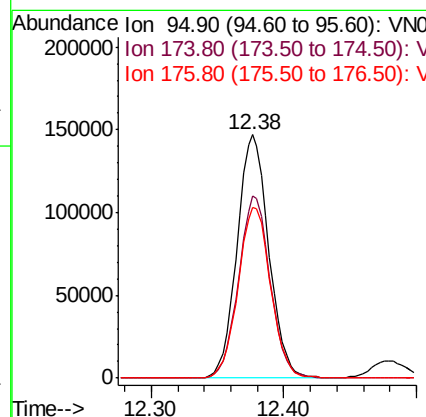
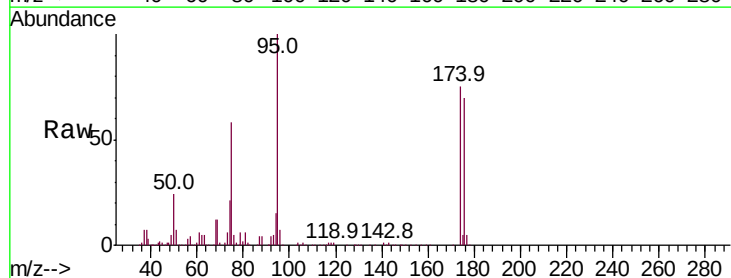
Instrument :
 MSVOA_N
 ClientSampled :
 VN0904WBS01

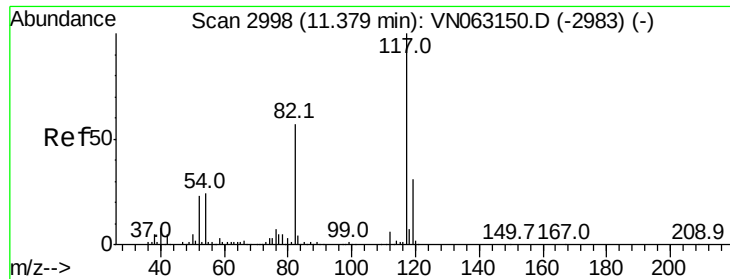
Tot Ion:107 Resp: 85914
 Ion Ratio Lower Upper
 107 100
 109 90.5 73.4 110.0



#62
 4-Bromofluorobenzene
 Concen: 48.557 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN063237.D
 Acq: 4 Sep 2020 10:55

Tgt Ion: 95 Resp: 243426
 Ion Ratio Lower Upper
 95 100
 174 74.8 0.0 143.8
 176 72.1 0.0 138.4

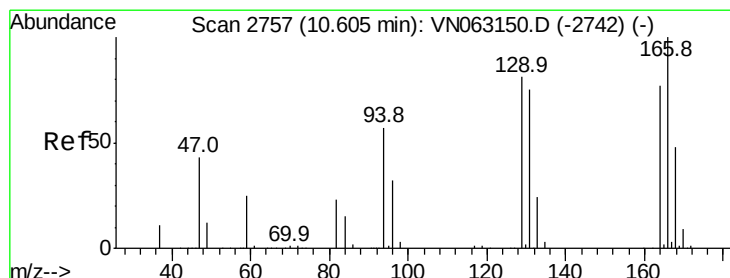
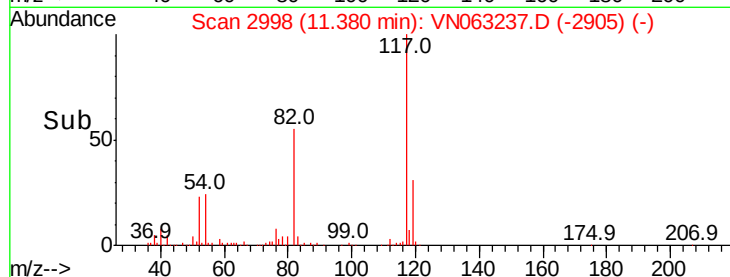
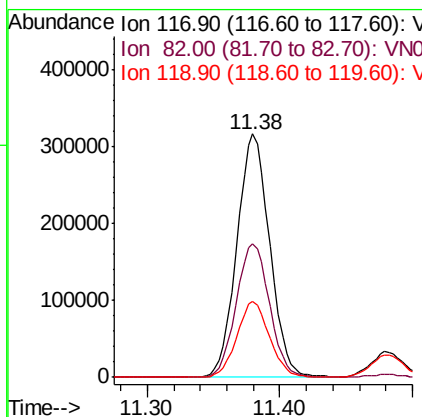
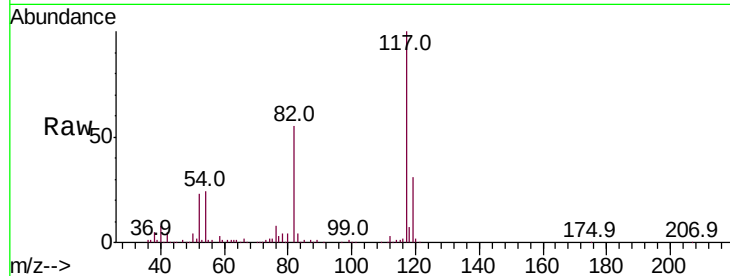




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063237.D
Acq: 4 Sep 2020 10:55

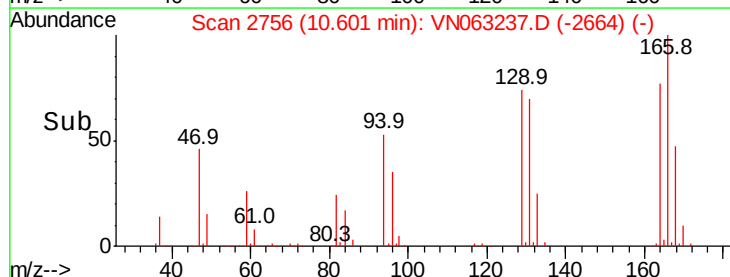
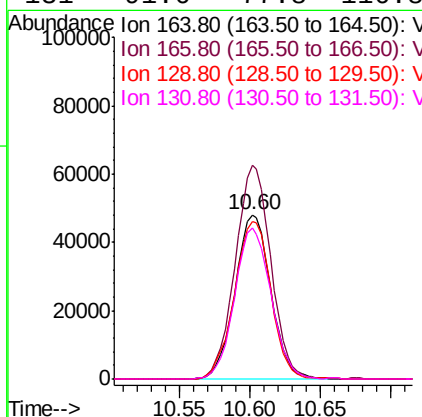
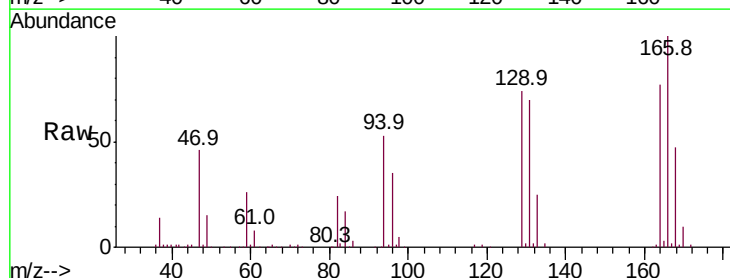
Instrument :
MSVOA_N
ClientSampleId :
VN0904WBS01

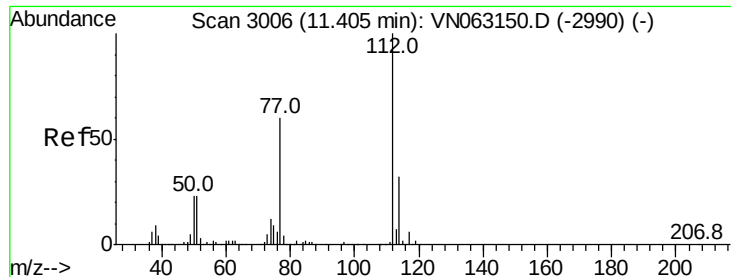
Tot Ion:117 Resp: 543944
Ion Ratio Lower Upper
117 100
82 55.0 45.4 68.0
119 31.2 24.6 37.0



#64
Tetrachloroethene
Concen: 21.887 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063237.D
Acq: 4 Sep 2020 10:55

Tgt Ion:164 Resp: 85493
Ion Ratio Lower Upper
164 100
166 129.9 103.4 155.2
129 95.5 83.4 125.0
131 91.6 77.8 116.8





#65

Chlorobenzene

Concen: 19.997 ug/l

RT: 11.41 min Scan# 3006

Delta R.T. 0.00 min

Lab File: VN063237.D

Acq: 4 Sep 2020 10:55

Instrument :

MSVOA_N

ClientSampled :

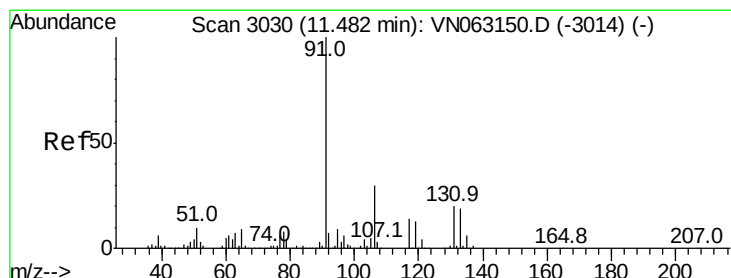
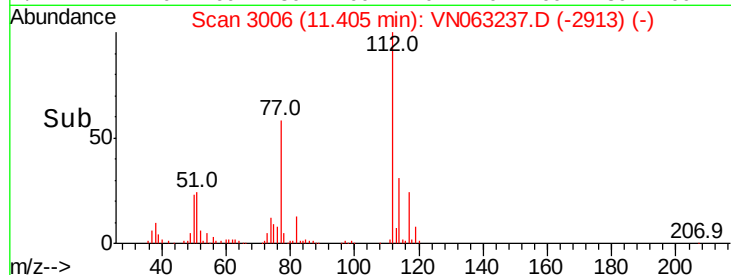
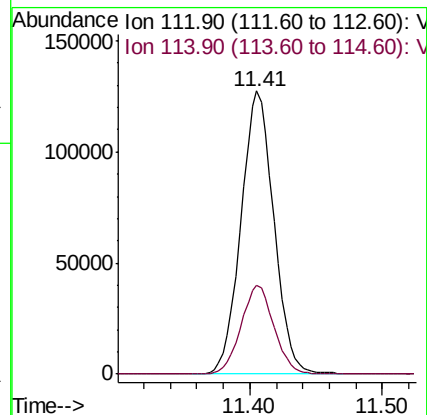
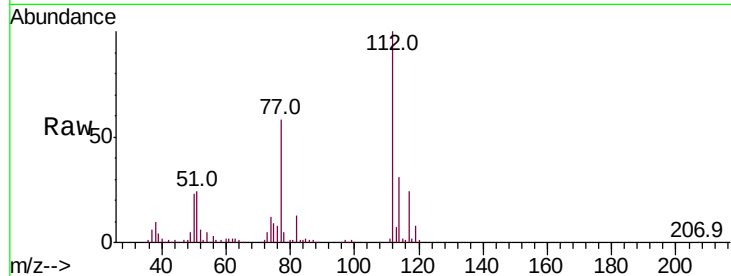
VN0904WBS01

Tot Ion:112 Resp: 219079

Ion Ratio Lower Upper

112 100

114 31.3 25.2 37.8



#66

1,1,1,2-Tetrachloroethane

Concen: 19.561 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. 0.00 min

Lab File: VN063237.D

Acq: 4 Sep 2020 10:55

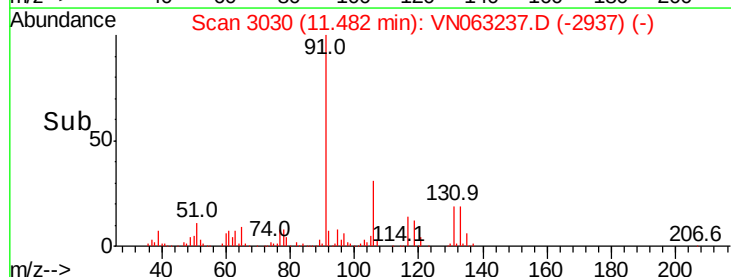
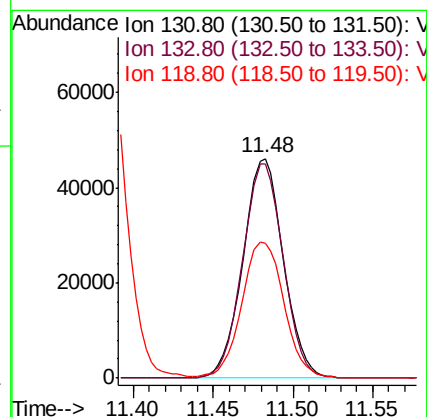
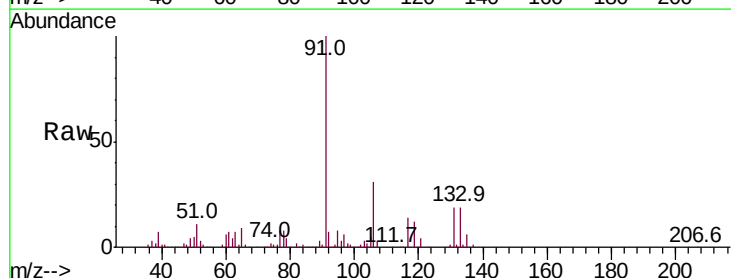
Tgt Ion:131 Resp: 79566

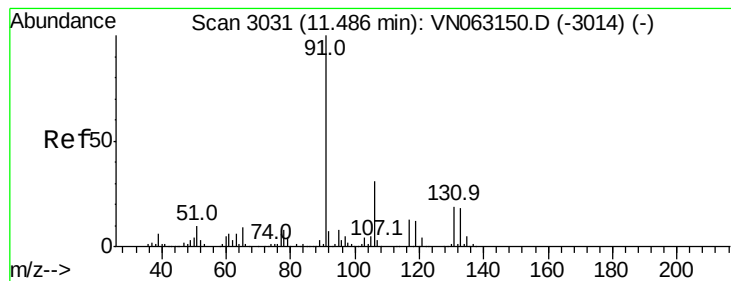
Ion Ratio Lower Upper

131 100

133 97.9 47.3 142.0

119 64.9 32.4 97.0





#67

Ethyl Benzene

Concen: 20.273 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. -0.00 min

Lab File: VN063237.D

Acq: 4 Sep 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

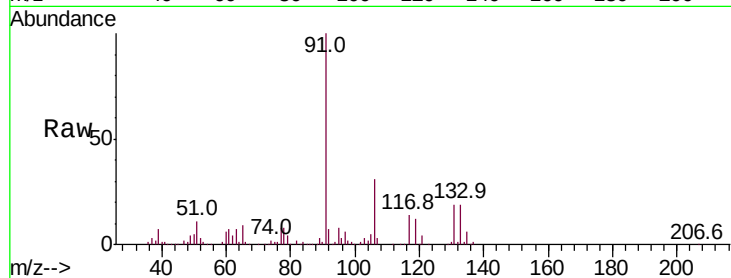
VN0904WBS01

Tot Ion: 91 Resp: 405174

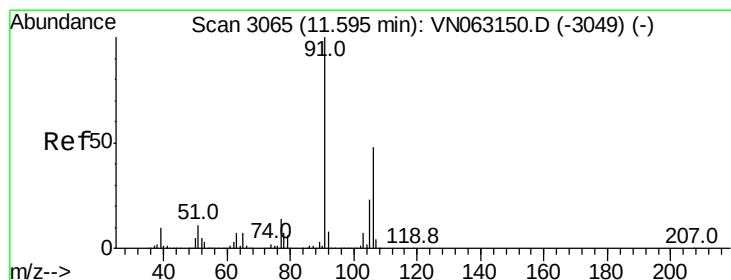
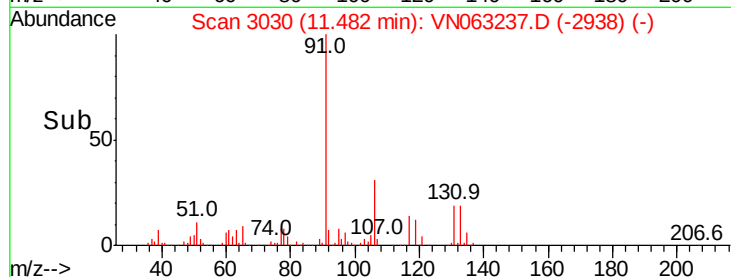
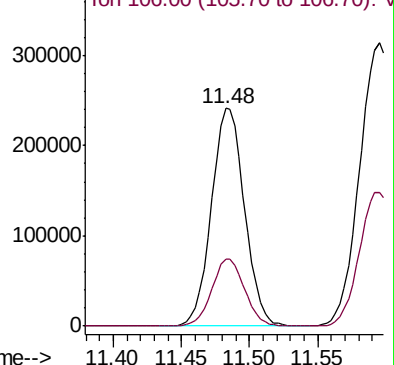
Ion Ratio Lower Upper

91 100

106 31.0 24.4 36.6



Abundance Ion 91.00 (90.70 to 91.70): VN063150.D (-3014) (-)



#68

m/p-Xylenes

Concen: 39.331 ug/l

RT: 11.59 min Scan# 3065

Delta R.T. 0.00 min

Lab File: VN063237.D

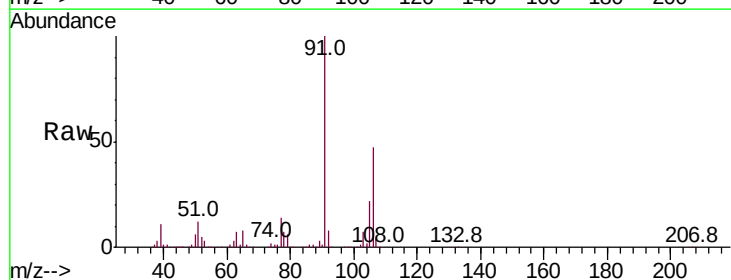
Acq: 4 Sep 2020 10:55

Tgt Ion:106 Resp: 291141

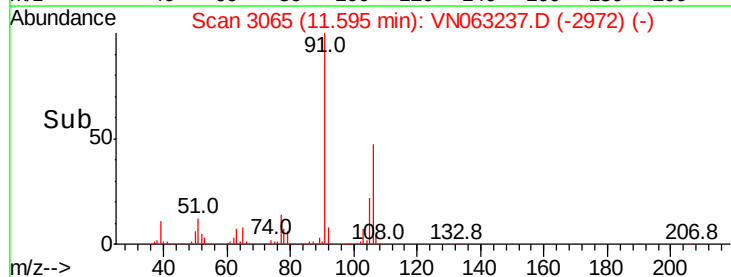
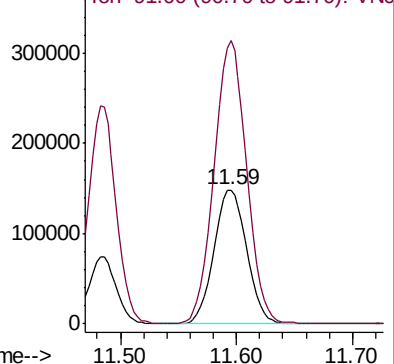
Ion Ratio Lower Upper

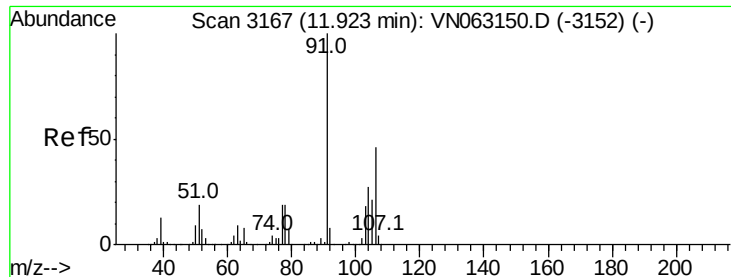
106 100

91 209.6 166.7 250.1



Abundance Ion 106.00 (105.70 to 106.70): VN063150.D (-3049) (-)

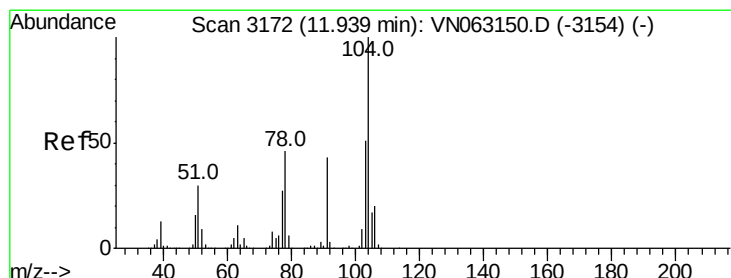
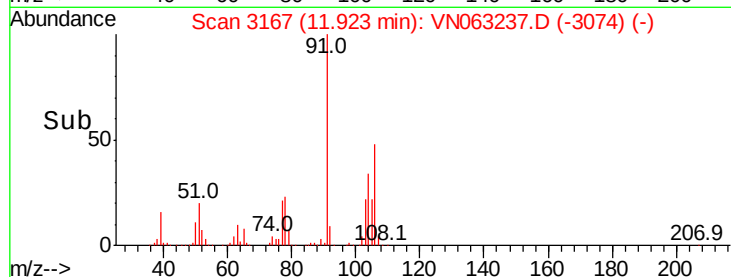
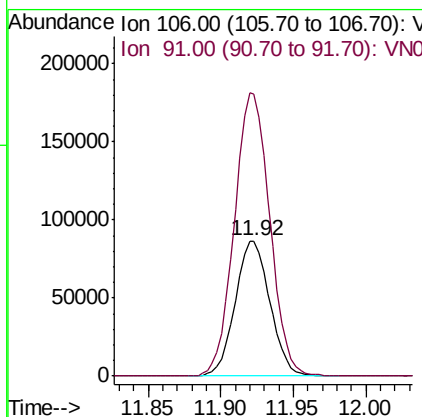
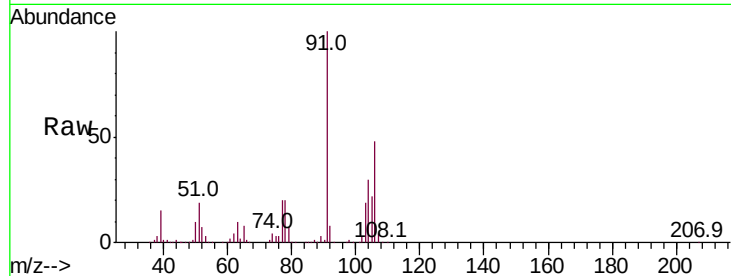




#69
o-Xylene
Concen: 20.230 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063237.D
Acq: 4 Sep 2020 10:55

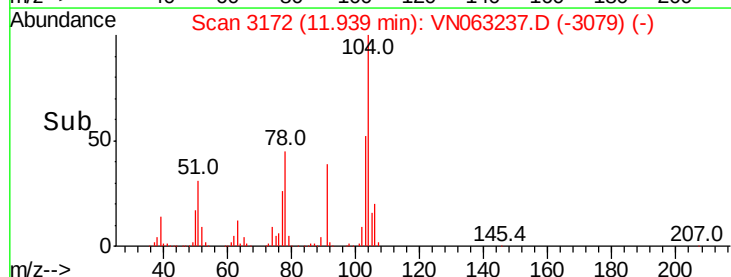
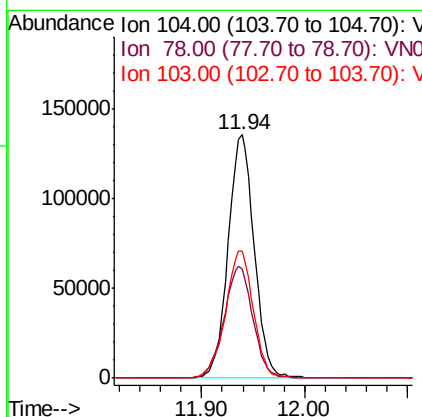
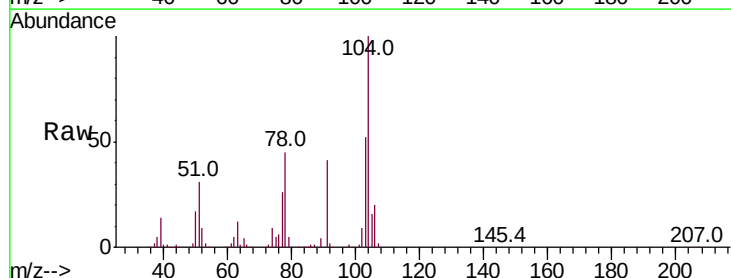
Instrument :
MSVOA_N
ClientSampleId :
VN0904WBS01

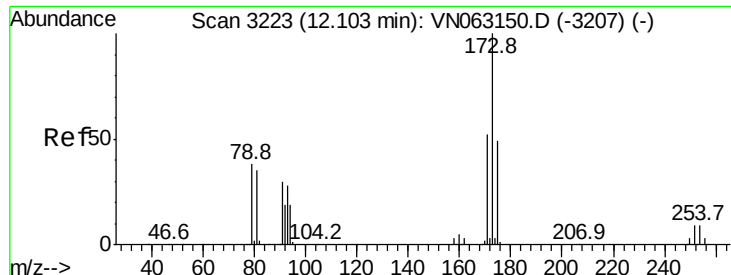
Tot Ion:106 Resp: 144664
Ion Ratio Lower Upper
106 100
91 212.9 108.6 325.6



#70
Styrene
Concen: 19.501 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN063237.D
Acq: 4 Sep 2020 10:55

Tgt Ion:104 Resp: 239655
Ion Ratio Lower Upper
104 100
78 50.8 41.0 61.6
103 55.5 43.8 65.8





#71

Bromoform

Concen: 18.881 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN063237.D

Acq: 4 Sep 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

VN0904WBS01

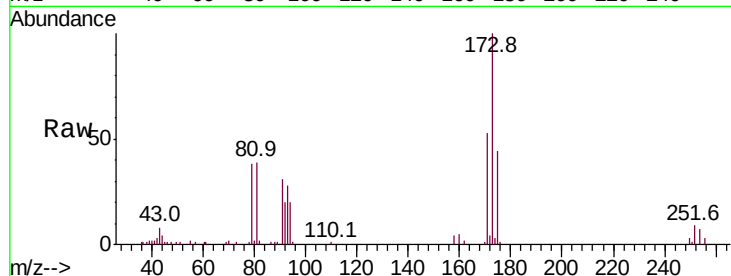
Tot Ion:173 Resp: 52119

Ion Ratio Lower Upper

173 100

175 46.7 24.6 73.8

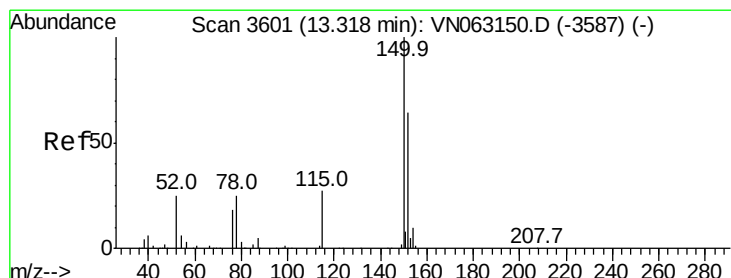
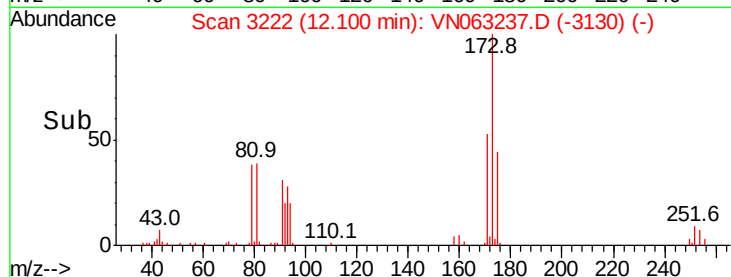
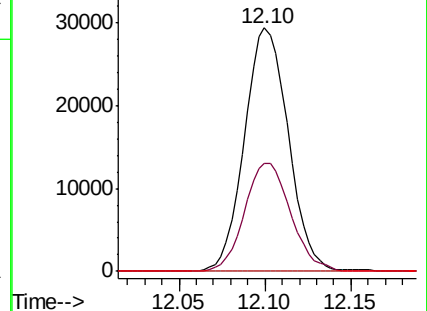
254 0.0 0.0 0.0



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: VN063237.D

Acq: 4 Sep 2020 10:55

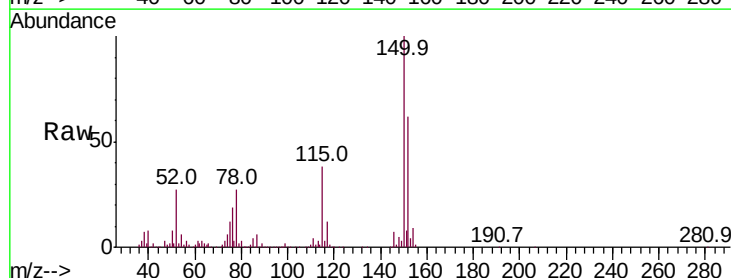
Tgt Ion:152 Resp: 244124

Ion Ratio Lower Upper

152 100

115 61.3 32.0 96.2

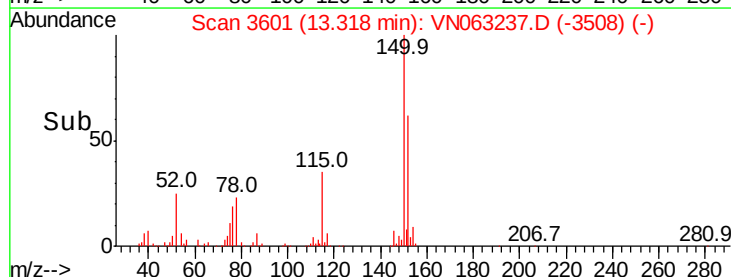
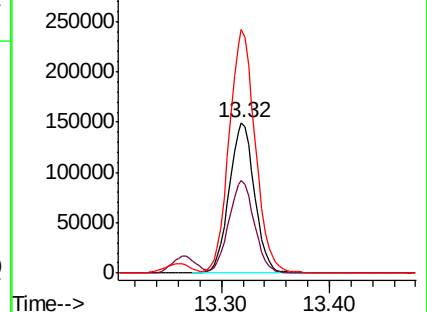
150 166.3 0.0 353.0

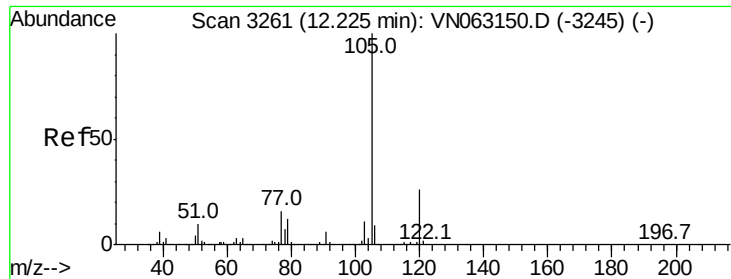


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.661 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063237.D

Acq: 4 Sep 2020 10:55

Instrument :

MSVOA_N

ClientSampled :

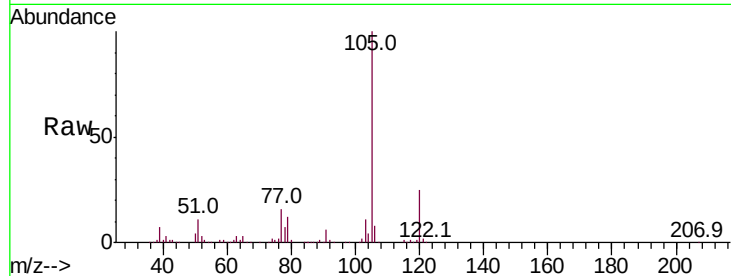
VN0904WBS01

Tot Ion:105 Resp: 386857

Ion Ratio Lower Upper

105 100

120 25.2 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.23

250000

200000

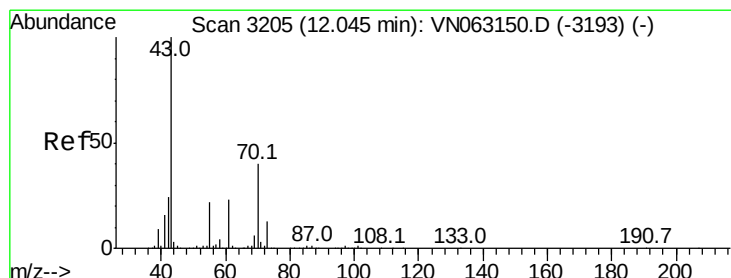
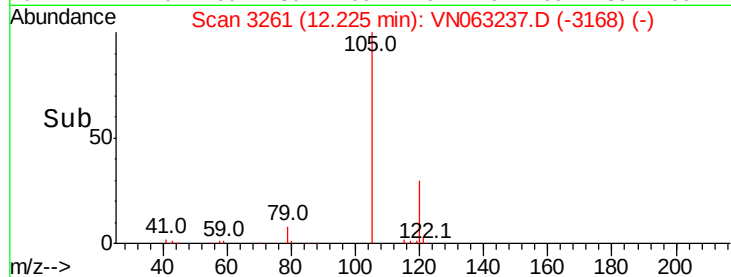
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 18.889 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN063237.D

Acq: 4 Sep 2020 10:55

Tgt Ion: 43 Resp: 146498

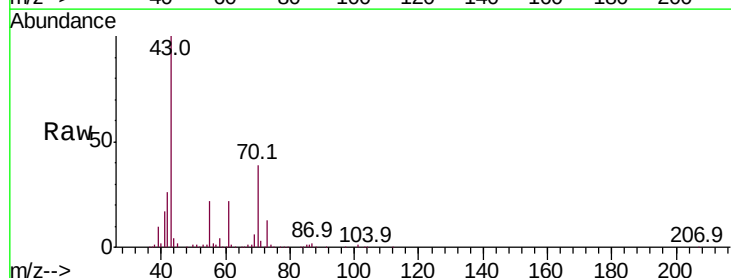
Ion Ratio Lower Upper

43 100

70 39.1 32.1 48.1

55 21.8 17.4 26.0

61 22.1 18.6 27.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

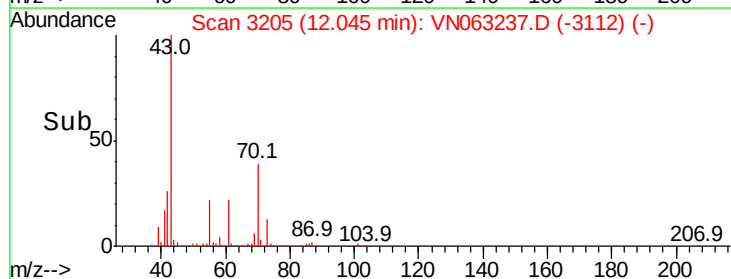
Ion 61.00 (60.70 to 61.70): VN0

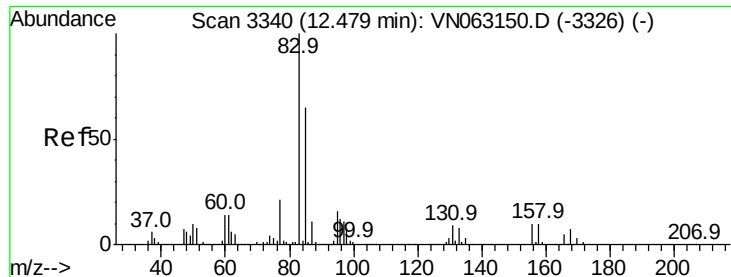
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.275 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN063237.D

Acq: 4 Sep 2020 10:55

Instrument :

MSVOA_N

ClientSampled :

VN0904WBS01

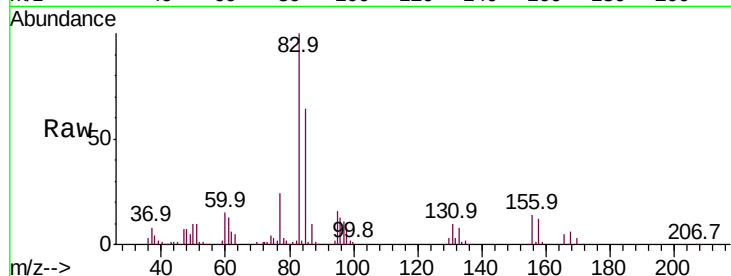
Tot Ion: 83 Resp: 109451

Ion Ratio Lower Upper

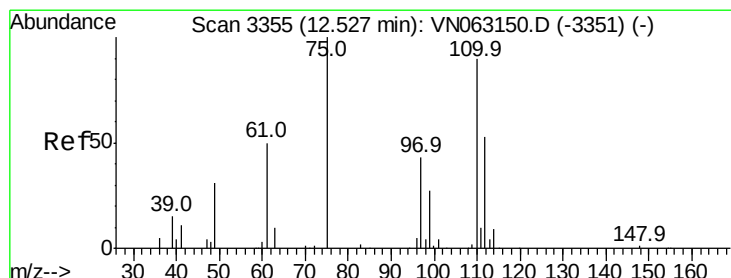
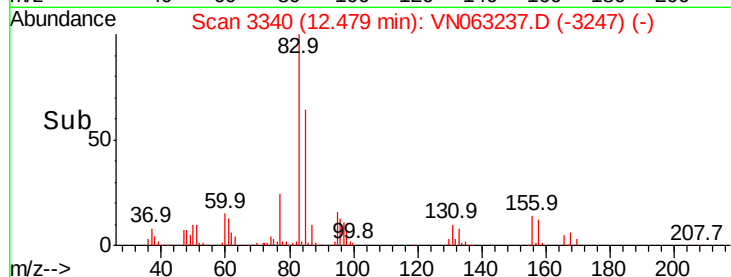
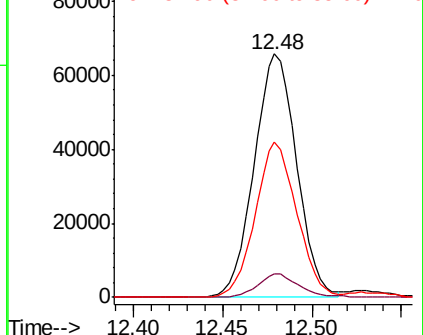
83 100

131 9.3 4.7 14.0

85 62.5 32.7 98.1



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



#76

1,2,3-Trichloropropane

Concen: 30.481 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN063237.D

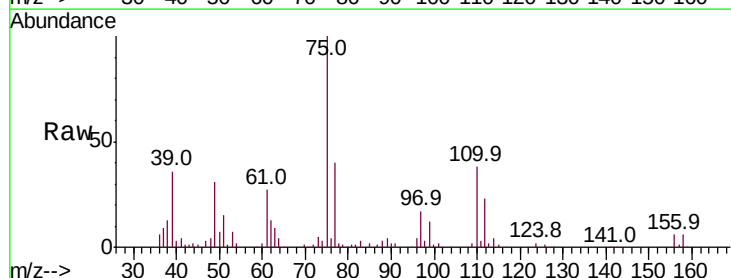
Acq: 4 Sep 2020 10:55

Tgt Ion: 75 Resp: 146201

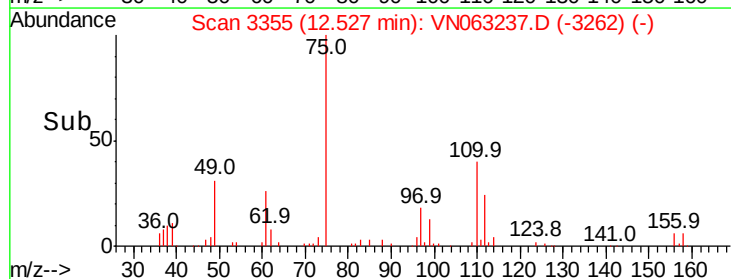
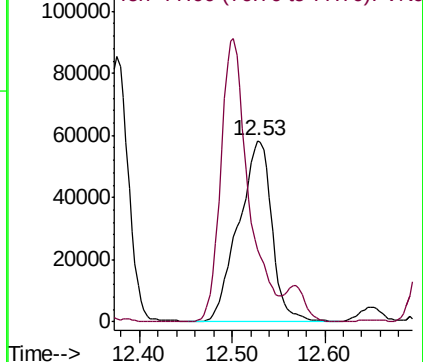
Ion Ratio Lower Upper

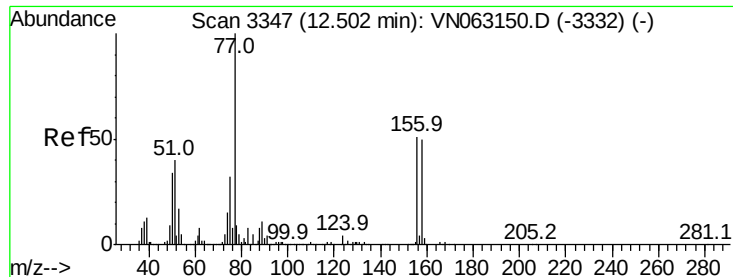
75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 20.690 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN063237.D

Acq: 4 Sep 2020 10:55

Instrument :

MSVOA_N

ClientSampled :

VN0904WBS01

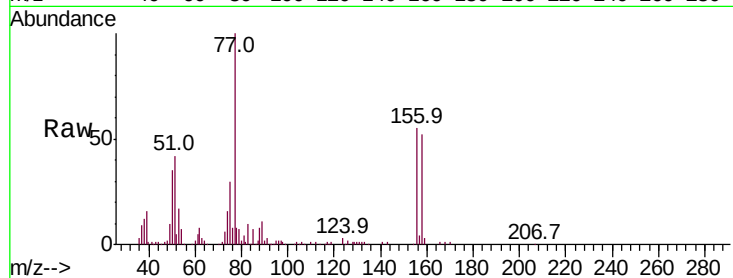
Tot Ion:156 Resp: 87615

Ion Ratio Lower Upper

156 100

77 215.8 116.1 348.3

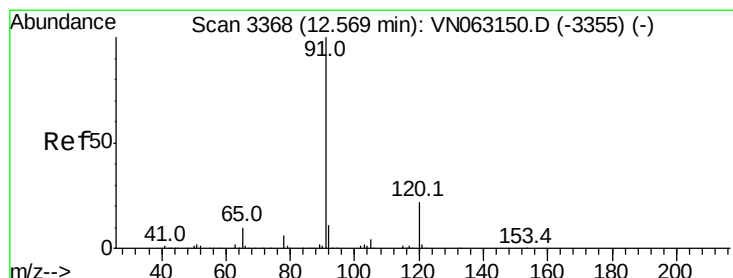
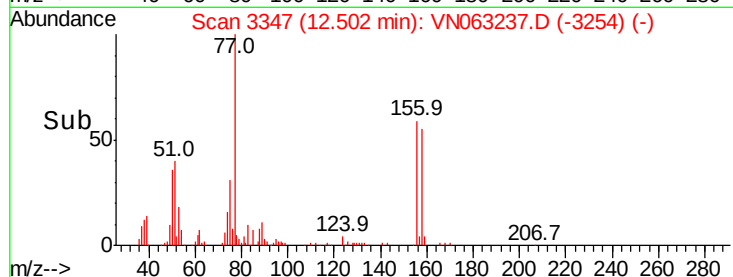
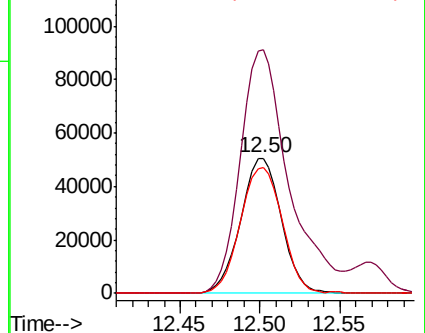
158 95.8 48.8 146.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.927 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063237.D

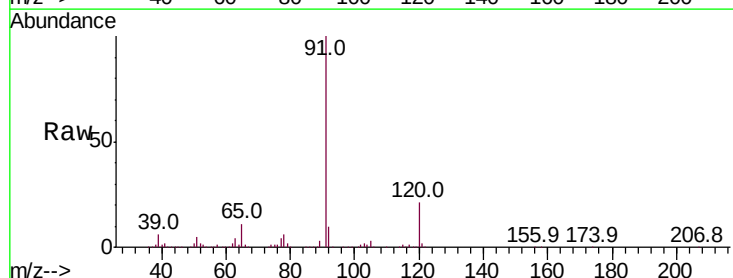
Acq: 4 Sep 2020 10:55

Tgt Ion: 91 Resp: 453416

Ion Ratio Lower Upper

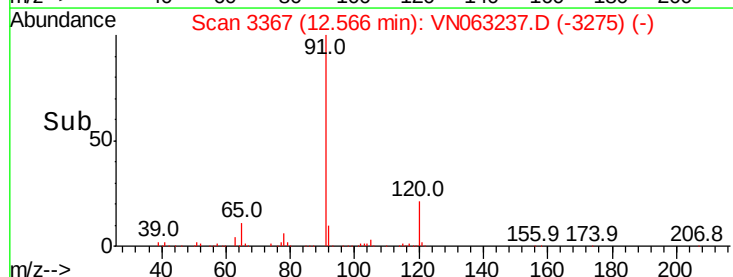
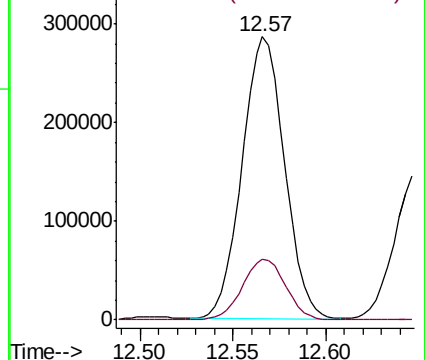
91 100

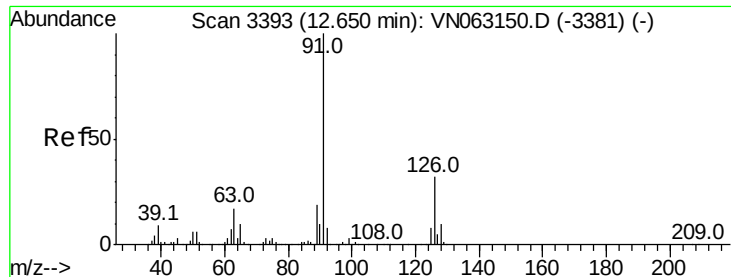
120 22.0 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.694 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN063237.D

Acq: 4 Sep 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

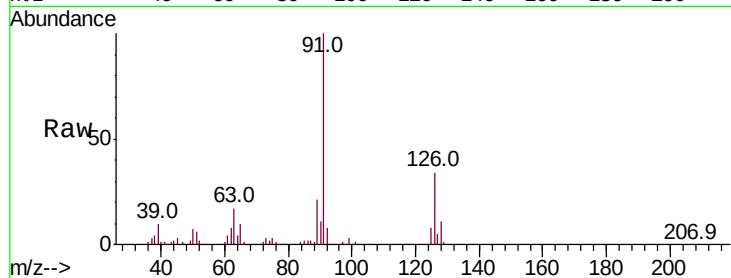
VN0904WBS01

Tot Ion: 91 Resp: 255577

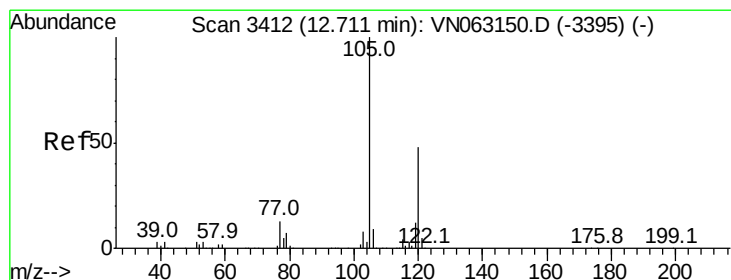
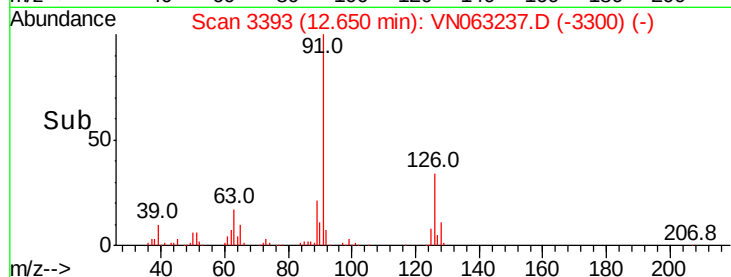
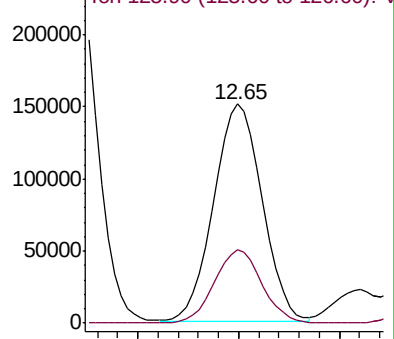
Ion Ratio Lower Upper

91 100

126 33.0 16.1 48.3



Abundance Ion 91.00 (90.70 to 91.70): VN063150.D (-3381) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.443 ug/l

RT: 12.71 min Scan# 3412

Delta R.T. 0.00 min

Lab File: VN063237.D

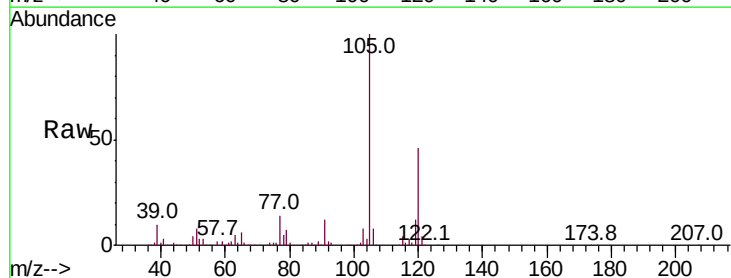
Acq: 4 Sep 2020 10:55

Tgt Ion:105 Resp: 318605

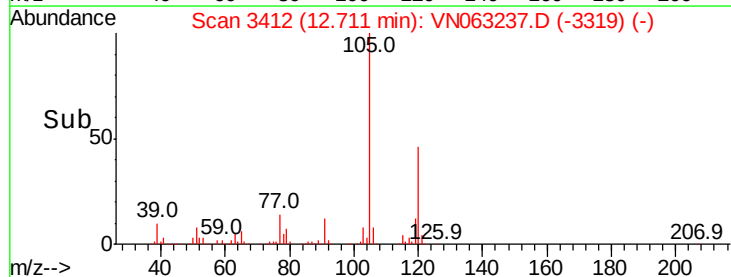
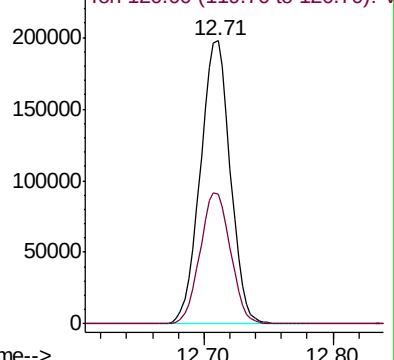
Ion Ratio Lower Upper

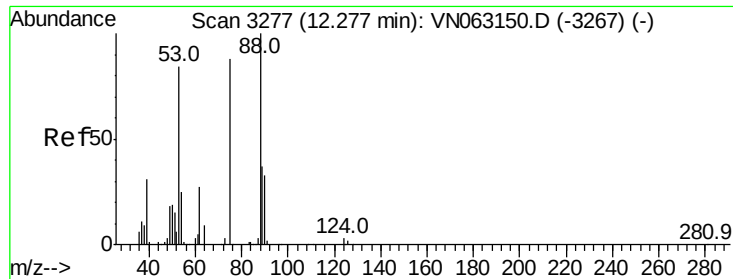
105 100

120 47.1 24.2 72.6



Abundance Ion 105.00 (104.70 to 105.70): VN063150.D (-3395) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 17.198 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063237.D

Acq: 4 Sep 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

VN0904WBS01

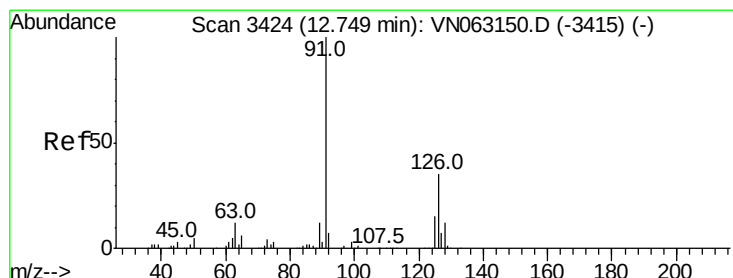
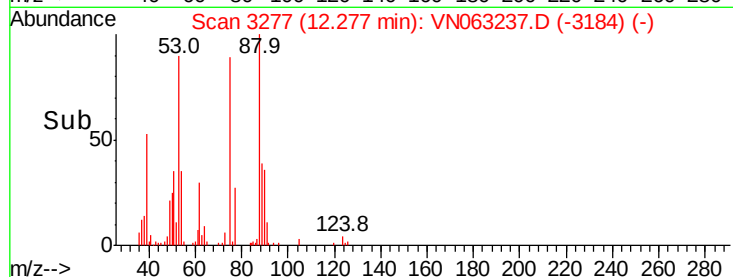
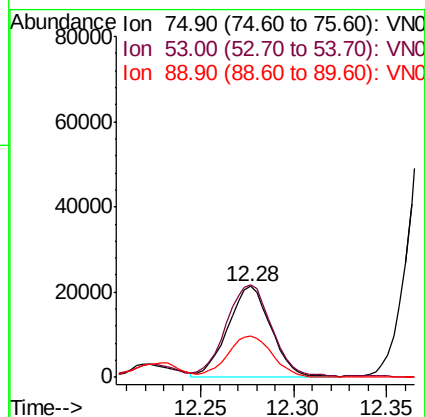
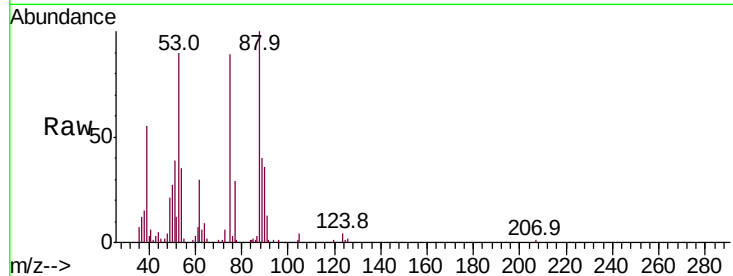
Tot Ion: 75 Resp: 34129

Ion Ratio Lower Upper

75 100

53 107.6 78.7 118.1

89 47.9 35.3 52.9



#82

4-Chlorotoluene

Concen: 20.012 ug/l

RT: 12.75 min Scan# 3424

Delta R.T. 0.00 min

Lab File: VN063237.D

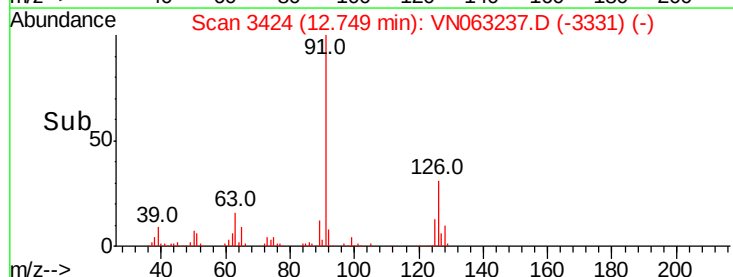
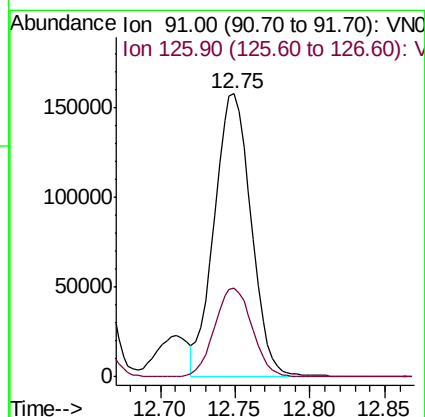
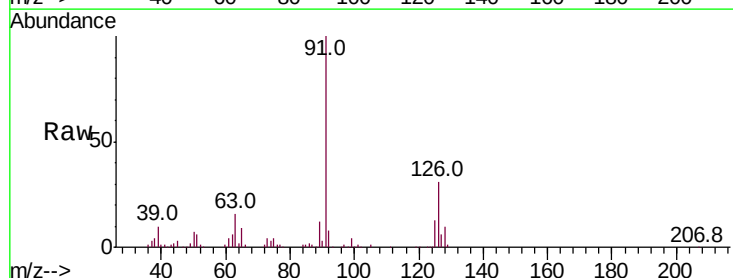
Acq: 4 Sep 2020 10:55

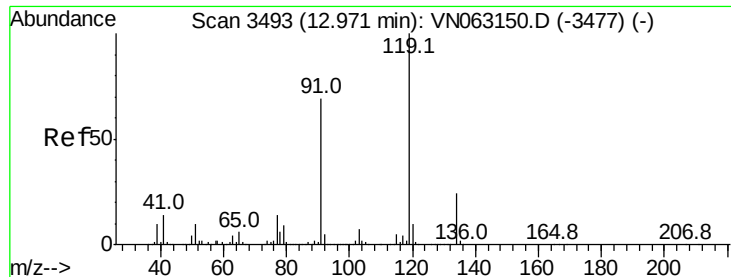
Tgt Ion: 91 Resp: 269343

Ion Ratio Lower Upper

91 100

126 32.4 16.2 48.5

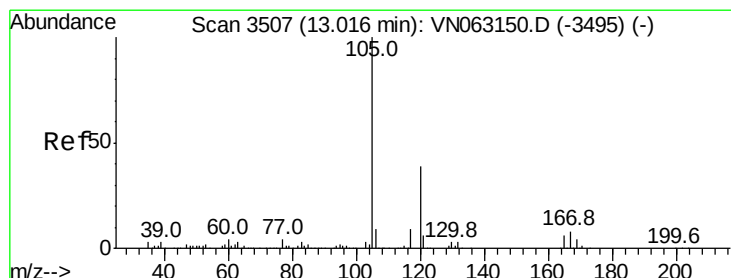
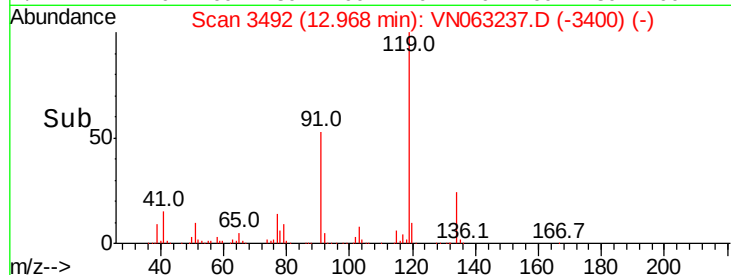
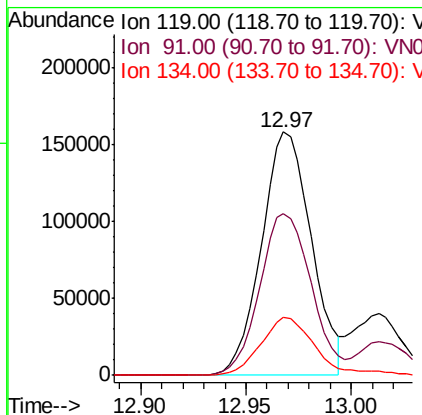
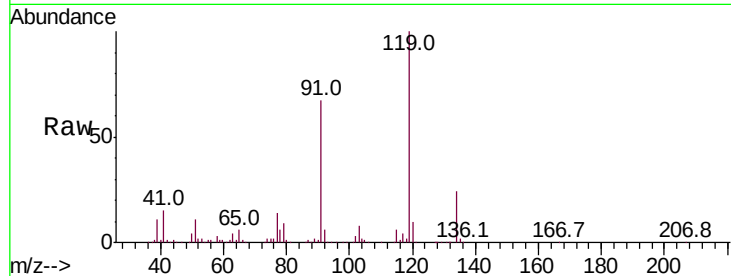




#83
 tert-Butylbenzene
 Concen: 19.491 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN063237.D
 Acq: 4 Sep 2020 10:55

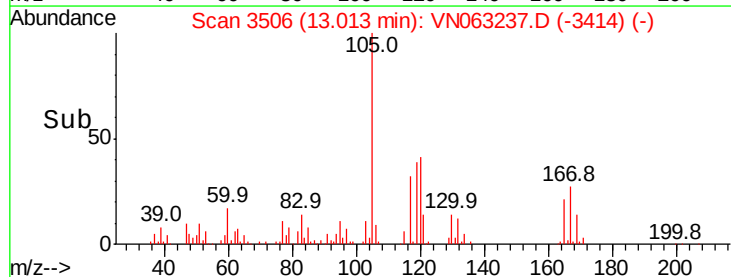
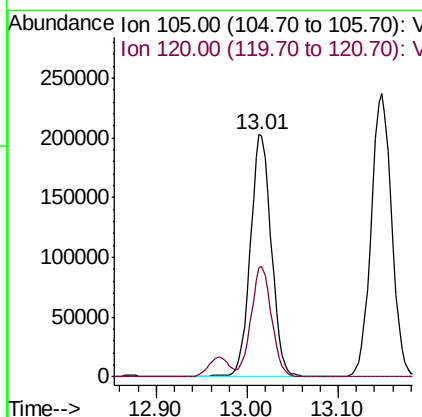
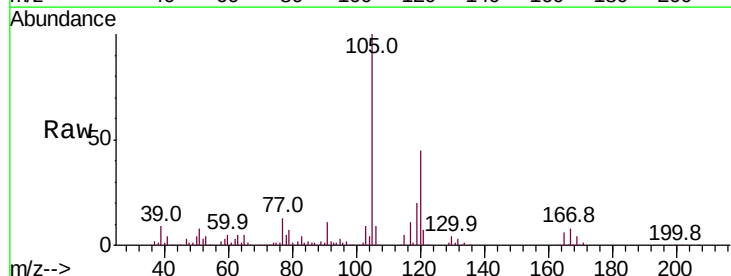
Instrument :
 MSVOA_N
 ClientSampled :
 VN0904WBS01

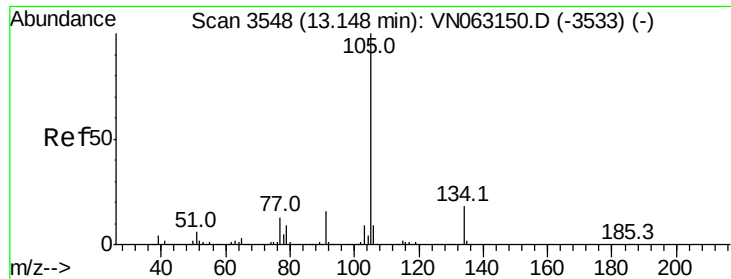
Tot Ion:119 Resp: 260520
 Ion Ratio Lower Upper
 119 100
 91 68.3 33.7 101.0
 134 26.2 12.0 36.0



#84
 1,2,4-Trimethylbenzene
 Concen: 20.693 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. -0.00 min
 Lab File: VN063237.D
 Acq: 4 Sep 2020 10:55

Tgt Ion:105 Resp: 325080
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.6 67.7





#85

sec-Butylbenzene

Concen: 21.198 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063237.D

Acq: 4 Sep 2020 10:55

Instrument :

MSVOA_N

ClientSampled :

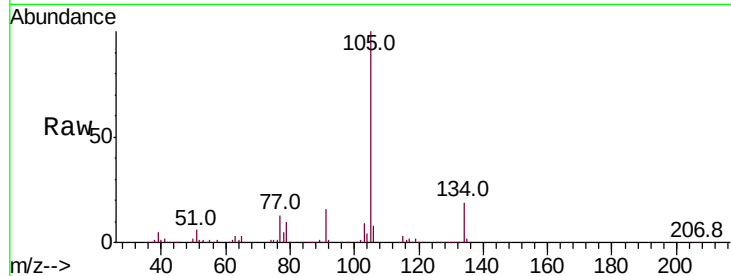
VN0904WBS01

Tot Ion:105 Resp: 369271

Ion Ratio Lower Upper

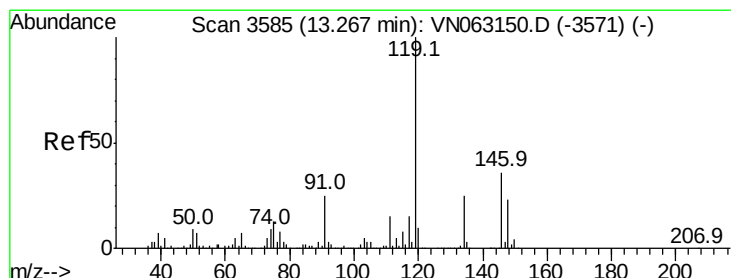
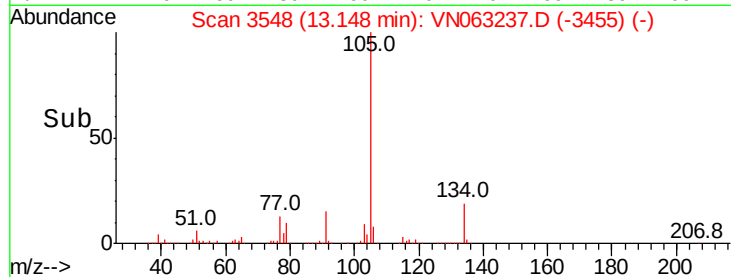
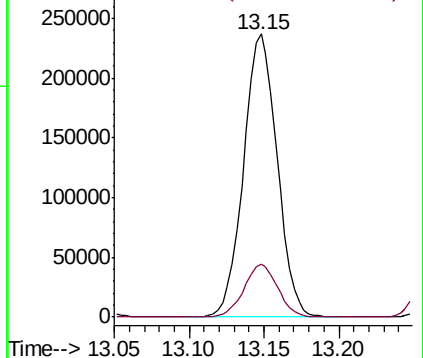
105 100

134 18.8 9.4 28.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.814 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN063237.D

Acq: 4 Sep 2020 10:55

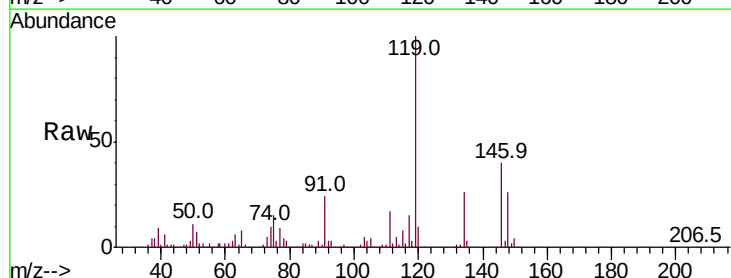
Tgt Ion:119 Resp: 321909

Ion Ratio Lower Upper

119 100

134 25.7 12.4 37.4

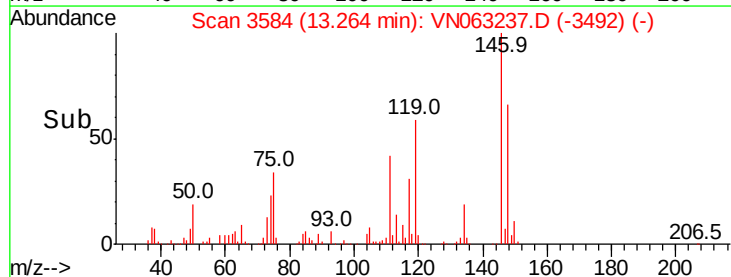
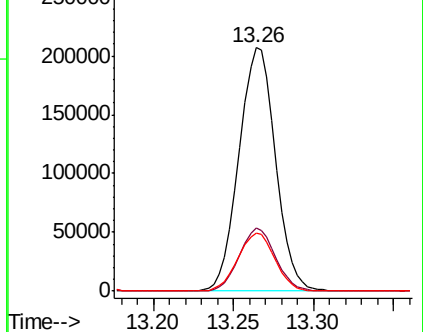
91 23.9 12.2 36.6

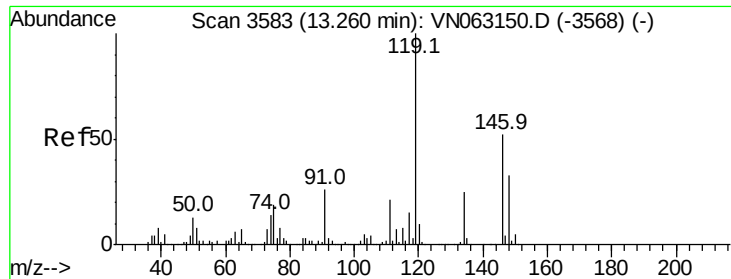


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 20.468 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN063237.D

Acq: 4 Sep 2020 10:55

Instrument :

MSVOA_N

ClientSampled :

VN0904WBS01

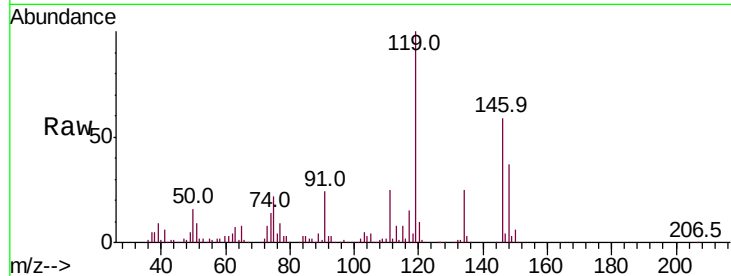
Tot Ion:146 Resp: 159228

Ion Ratio Lower Upper

146 100

111 41.7 21.3 63.7

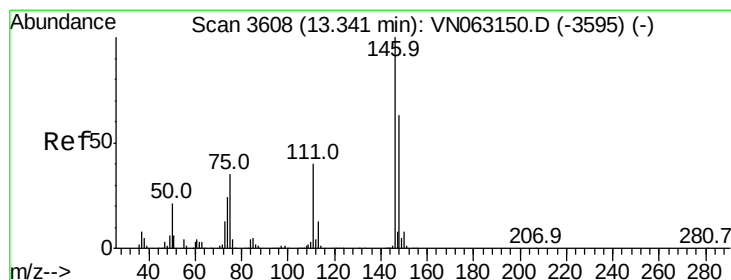
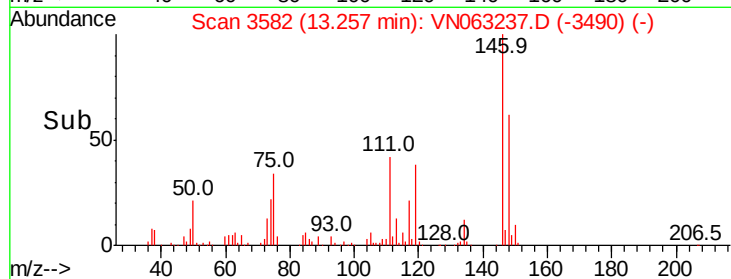
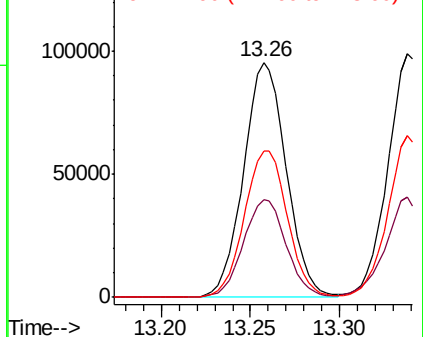
148 62.9 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.902 ug/l

RT: 13.34 min Scan# 3607

Delta R.T. -0.00 min

Lab File: VN063237.D

Acq: 4 Sep 2020 10:55

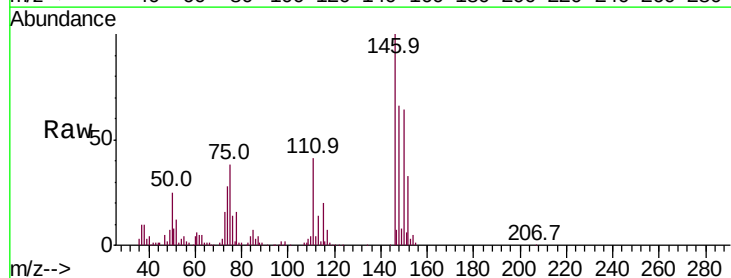
Tgt Ion:146 Resp: 160309

Ion Ratio Lower Upper

146 100

111 41.8 20.5 61.5

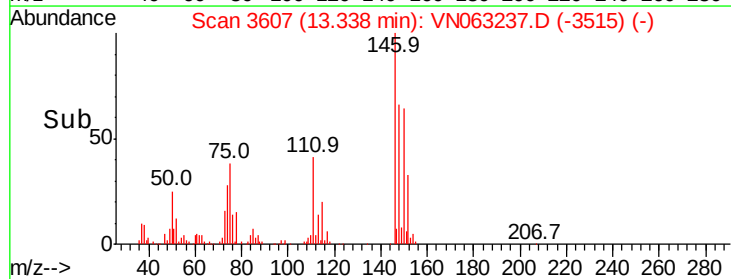
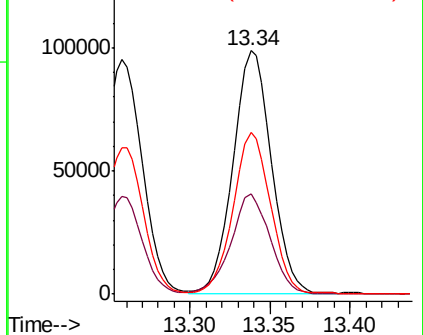
148 65.3 31.9 95.7

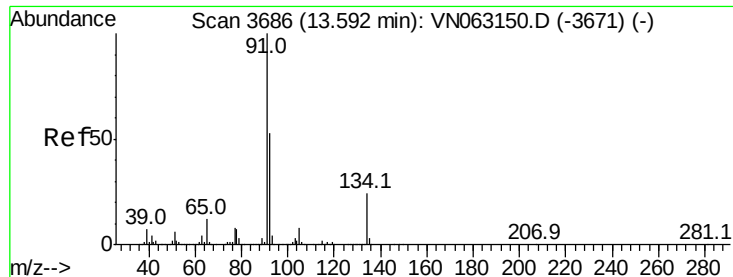


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 20.253 ug/l

RT: 13.59 min Scan# 3686

Delta R.T. 0.00 min

Lab File: VN063237.D

Acq: 4 Sep 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

VN0904WBS01

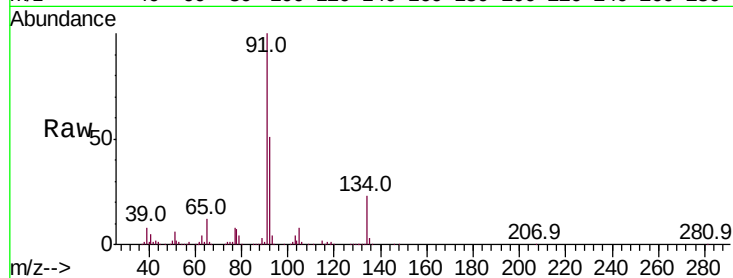
Tot Ion: 91 Resp: 289370

Ion Ratio Lower Upper

91 100

92 51.2 26.3 78.8

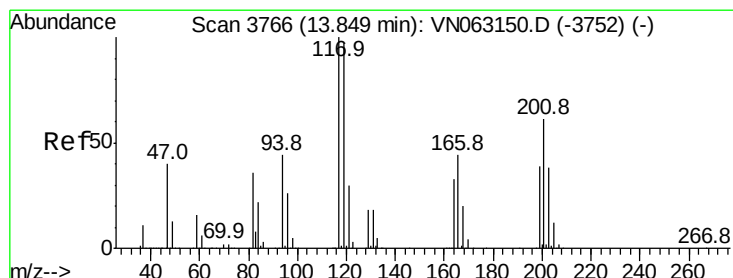
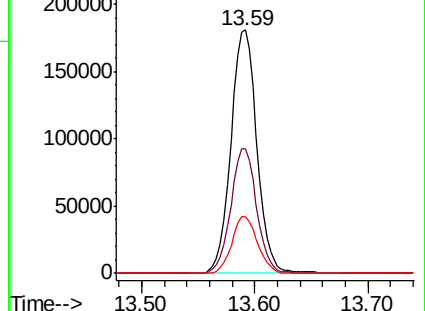
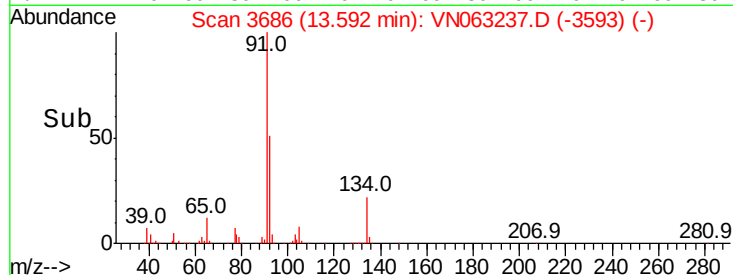
134 23.2 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN063237.D (-3593) (-)

Ion 92.00 (91.70 to 92.70): VN063237.D (-3593) (-)

Ion 134.00 (133.70 to 134.70): VN063237.D (-3593) (-)



#90

Hexachloroethane

Concen: 17.622 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. 0.00 min

Lab File: VN063237.D

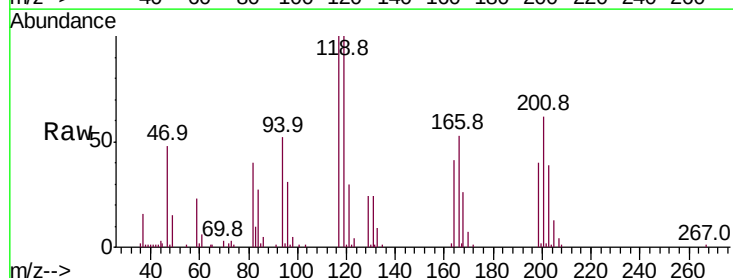
Acq: 4 Sep 2020 10:55

Tgt Ion: 117 Resp: 50452

Ion Ratio Lower Upper

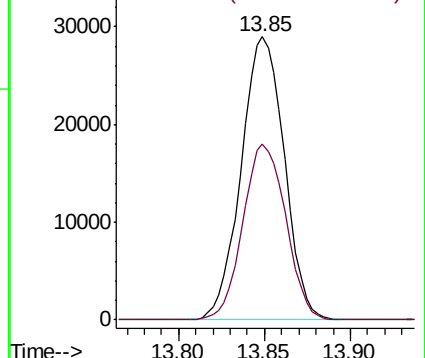
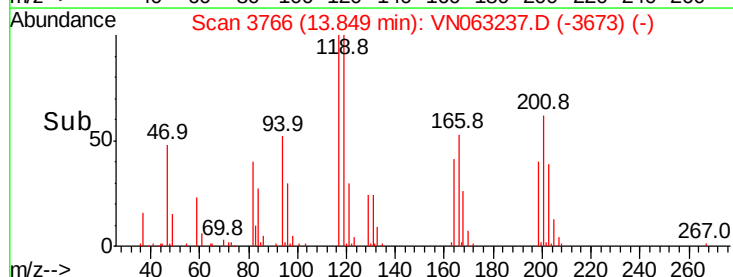
117 100

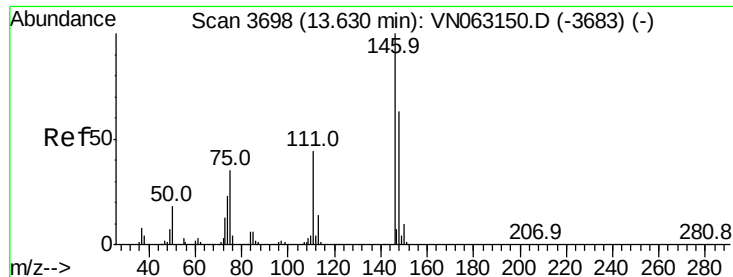
201 61.6 30.6 92.0



Abundance Ion 116.80 (116.50 to 117.50): VN063237.D (-3673) (-)

Ion 200.70 (200.40 to 201.40): VN063237.D (-3673) (-)





#91

1,2-Dichlorobenzene

Concen: 21.185 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. -0.00 min

Lab File: VN063237.D

Acq: 4 Sep 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

VN0904WBS01

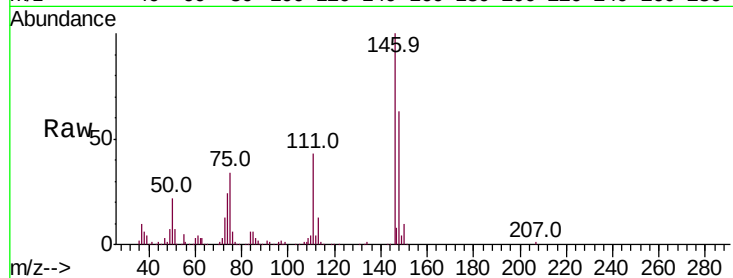
Tot Ion:146 Resp: 159928

Ion Ratio Lower Upper

146 100

111 42.8 22.0 66.0

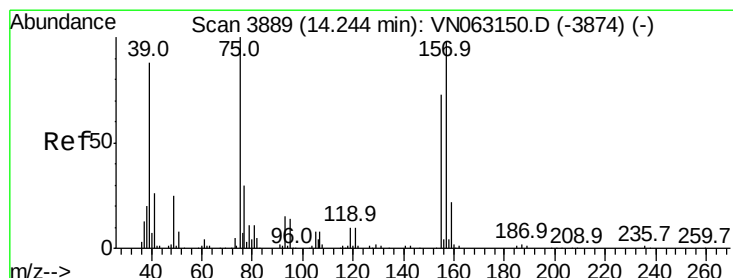
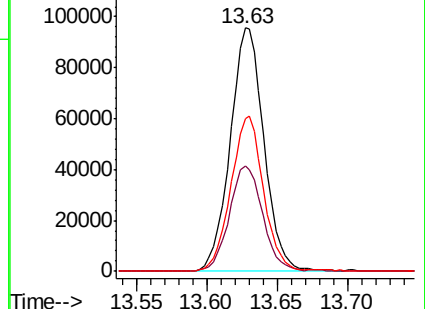
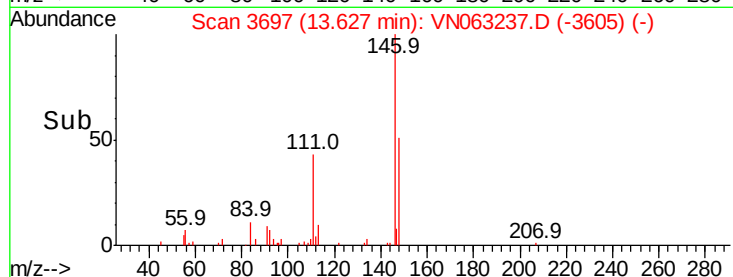
148 61.4 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.012 ug/l

RT: 14.24 min Scan# 3889

Delta R.T. 0.00 min

Lab File: VN063237.D

Acq: 4 Sep 2020 10:55

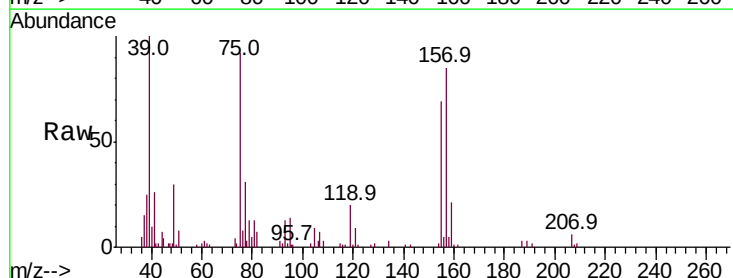
Tgt Ion: 75 Resp: 22564

Ion Ratio Lower Upper

75 100

155 71.7 36.1 108.5

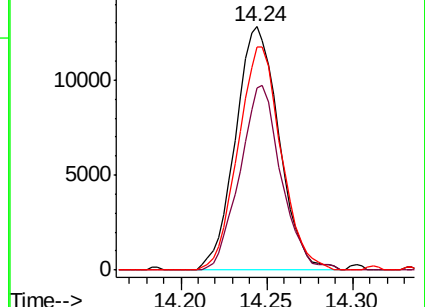
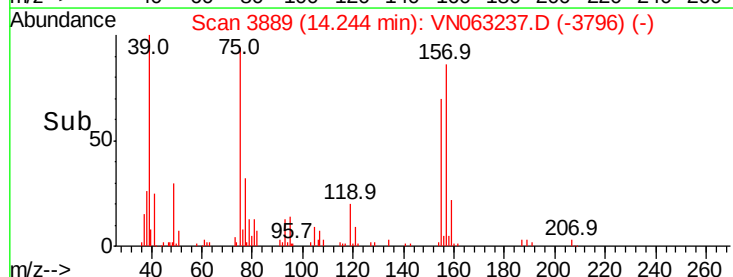
157 90.4 48.4 145.0

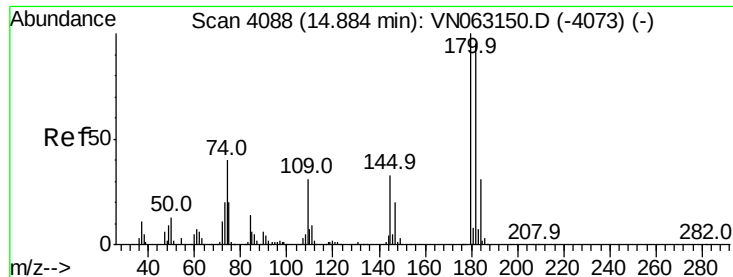


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

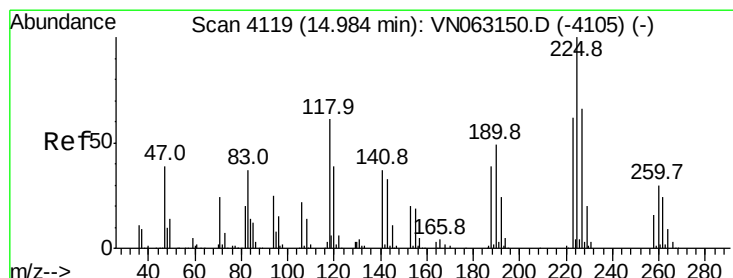
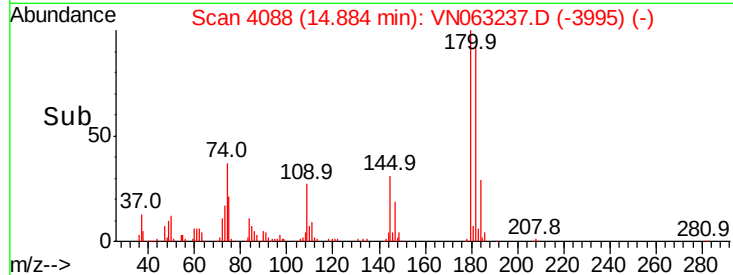
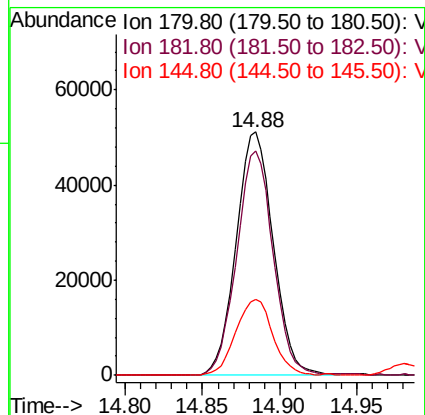
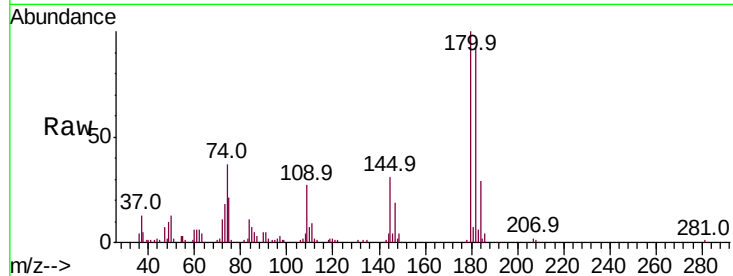




#93
 1,2,4-Trichlorobenzene
 Concen: 20.238 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063237.D
 Acq: 4 Sep 2020 10:55

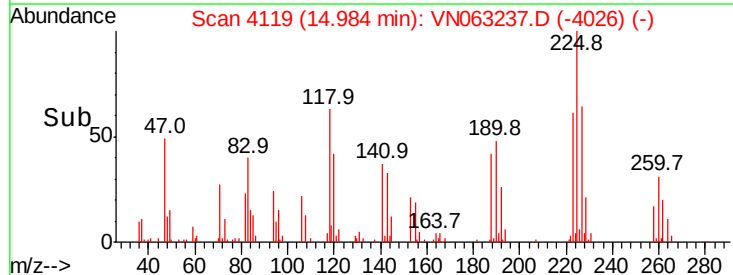
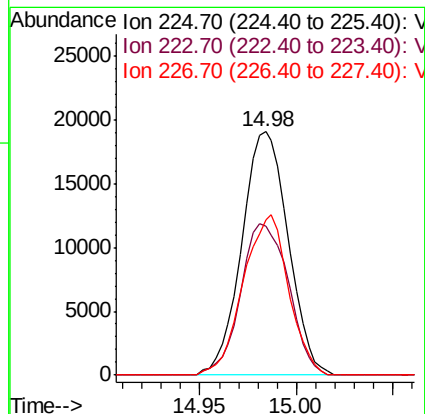
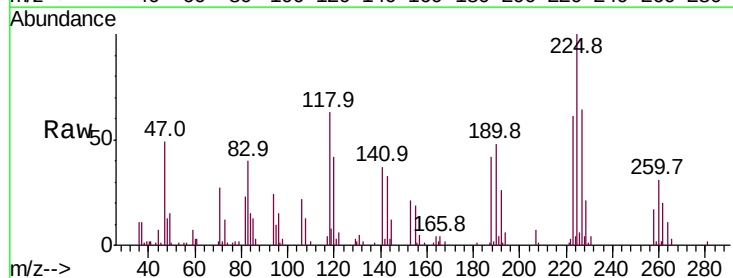
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0904WBS01

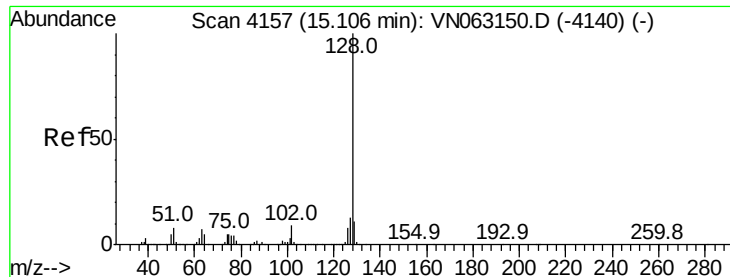
Tot Ion	Ratio	Lower	Upper
180	100		
182	90.4	47.5	142.5
145	31.2	16.6	49.8



#94
 Hexachlorobutadiene
 Concen: 20.175 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN063237.D
 Acq: 4 Sep 2020 10:55

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.2	30.9	92.7
227	64.5	32.9	98.7





#95

Naphthalene

Concen: 18.661 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. 0.00 min

Lab File: VN063237.D

Acq: 4 Sep 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

VN0904WBS01

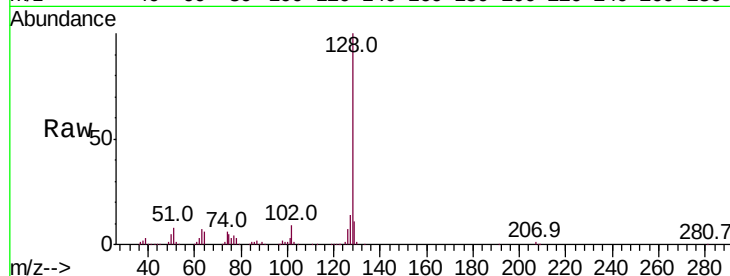
Tot Ion:128 Resp: 262578

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

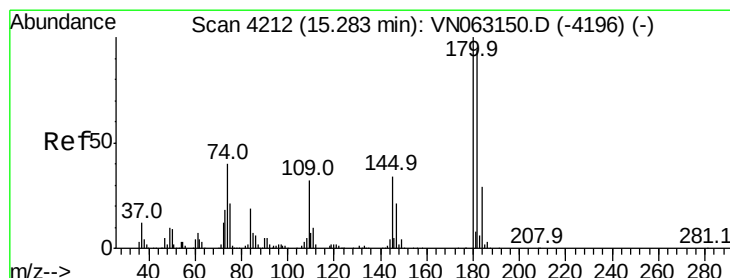
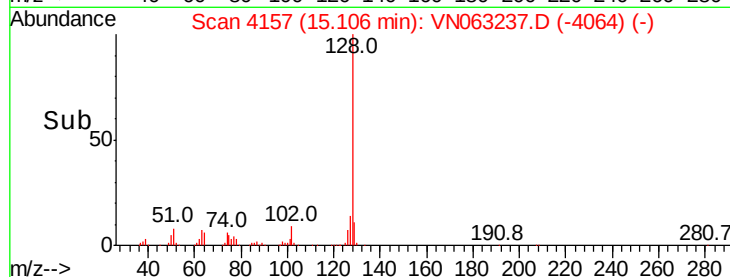
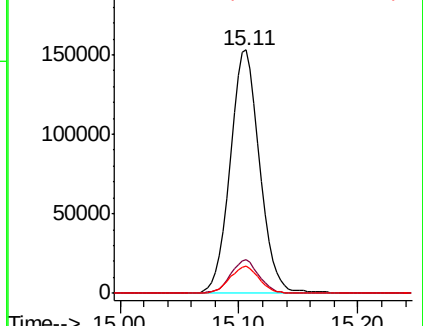
129 11.1 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.053 ug/l

RT: 15.29 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN063237.D

Acq: 4 Sep 2020 10:55

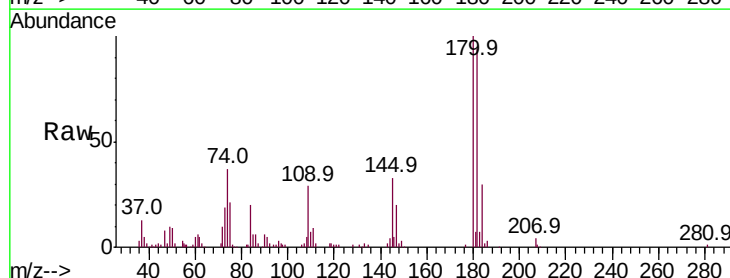
Tgt Ion:180 Resp: 82400

Ion Ratio Lower Upper

180 100

182 92.6 47.5 142.5

145 33.0 17.3 52.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

