

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090320\
 Data File : VN063211.D
 Acq On : 3 Sep 2020 11:30
 Operator : JC/MD
 Sample : VN0903WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0903WBS01

Quant Time: Sep 04 04:02:52 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	7.63	168	383353	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	684454	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	627105	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	296485	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	291263	46.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.96%	
35) Dibromofluoromethane	7.55	113	214660	48.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.76%	
50) Toluene-d8	10.06	98	836755	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
62) 4-Bromofluorobenzene	12.38	95	286370	48.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	64732	17.146	ug/l	97
3) Chloromethane	2.04	50	94614	17.210	ug/l	99
4) Vinyl Chloride	2.16	62	106644	17.561	ug/l	99
5) Bromomethane	2.54	94	100230	19.608	ug/l	98
6) Chloroethane	2.68	64	94106	19.490	ug/l	99
7) Trichlorofluoromethane	2.99	101	144324	14.484	ug/l	99
8) Diethyl Ether	3.38	74	49358	16.987	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	77458	18.766	ug/l	99
10) Methyl Iodide	3.91	142	89327	15.867	ug/l	99
11) Tert butyl alcohol	4.72	59	69677	90.580	ug/l	99
12) 1,1-Dichloroethene	3.69	96	75403	17.928	ug/l	94
13) Acrolein	3.58	56	19878	79.363	ug/l	87
14) Allyl chloride	4.28	41	131291	17.576	ug/l	97
15) Acrylonitrile	4.93	53	189491	89.501	ug/l	98
16) Acetone	3.77	43	166369	93.390	ug/l	99
17) Carbon Disulfide	4.01	76	207636	16.586	ug/l	100
18) Methyl Acetate	4.28	43	90182	19.743	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	272806	17.484	ug/l	98
20) Methylene Chloride	4.51	84	93355	18.325	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	84884	18.267	ug/l	91
22) Diisopropyl ether	5.90	45	295742	17.667	ug/l	94
23) Vinyl Acetate	5.84	43	1191063	89.174	ug/l	100
24) 1,1-Dichloroethane	5.79	63	163237	17.689	ug/l	98
25) 2-Butanone	6.78	43	273087	99.002	ug/l	99
26) 2,2-Dichloropropane	6.78	77	144364	17.267	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	99188	17.561	ug/l	98
28) Bromochloromethane	7.15	49	87004	18.046	ug/l	98
29) Tetrahydrofuran	7.16	42	174077	91.269	ug/l	99
30) Chloroform	7.33	83	174615	18.086	ug/l	97
31) Cyclohexane	7.61	56	147966	17.040	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	154786	18.605	ug/l	99
36) 1,1-Dichloropropene	7.75	75	121747	18.503	ug/l	98
37) Ethyl Acetate	6.88	43	122467	19.941	ug/l #	95
38) Carbon Tetrachloride	7.73	117	126715	18.989	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090320\
 Data File : VN063211.D
 Acq On : 3 Sep 2020 11:30
 Operator : JC/MD
 Sample : VN0903WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0903WBS01

Quant Time: Sep 04 04:02:52 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	138214	18.698	ug/l	97
40) Benzene	8.00	78	369685	19.119	ug/l	99
41) Methacrylonitrile	7.16	41	163788	59.087	ug/l #	20
42) 1,2-Dichloroethane	8.08	62	140264	19.419	ug/l	100
43) Isopropyl Acetate	8.12	43	206699	19.262	ug/l	99
44) Trichloroethene	8.80	130	99600	21.236	ug/l	99
45) 1,2-Dichloropropane	9.08	63	96844	18.916	ug/l	100
46) Dibromomethane	9.17	93	65175	19.210	ug/l	98
47) Bromodichloromethane	9.37	83	136590	18.783	ug/l	96
48) Methyl methacrylate	9.16	41	90974	18.806	ug/l	94
49) 1,4-Dioxane	9.17	88	31226	417.333	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	597319	102.433	ug/l	99
52) Toluene	10.12	92	234038	19.430	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	144587	18.176	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	155130	18.579	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	93501	20.269	ug/l	95
56) Ethyl methacrylate	10.40	69	126647	18.040	ug/l	96
57) 1,3-Dichloropropane	10.68	76	157463	19.161	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	322079	88.597	ug/l	100
59) 2-Hexanone	10.72	43	431803	105.365	ug/l	98
60) Dibromochloromethane	10.87	129	96851	18.991	ug/l	99
61) 1,2-Dibromoethane	10.98	107	92482	19.286	ug/l	96
64) Tetrachloroethene	10.60	164	95657	21.242	ug/l	97
65) Chlorobenzene	11.41	112	244571	19.363	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	89928	19.177	ug/l	98
67) Ethyl Benzene	11.49	91	458387	19.894	ug/l	96
68) m/p-Xylenes	11.59	106	334869	39.239	ug/l	99
69) o-Xylene	11.92	106	160672	19.489	ug/l	98
70) Styrene	11.94	104	270255	19.074	ug/l	100
71) Bromoform	12.10	173	57491	18.065	ug/l #	99
73) Isopropylbenzene	12.23	105	438687	19.291	ug/l	99
74) N-amyl acetate	12.05	43	168873	17.928	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	120681	18.408	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	161233	27.678	ug/l #	100
77) Bromobenzene	12.50	156	96353	18.735	ug/l	97
78) n-propylbenzene	12.57	91	517935	19.683	ug/l	100
79) 2-Chlorotoluene	12.65	91	292276	18.545	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	369592	19.526	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.28	75	38829	16.111	ug/l	93
82) 4-Chlorotoluene	12.75	91	307013	18.782	ug/l	100
83) tert-Butylbenzene	12.97	119	298960	18.417	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	364893	19.126	ug/l	100
85) sec-Butylbenzene	13.15	105	417336	19.726	ug/l	98
86) p-Isopropyltoluene	13.26	119	362060	19.276	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	177713	18.810	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	179924	18.392	ug/l	99
89) n-Butylbenzene	13.59	91	335266	19.321	ug/l	100
90) Hexachloroethane	13.85	117	56085	16.130	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	180458	19.683	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	25468	17.669	ug/l	94

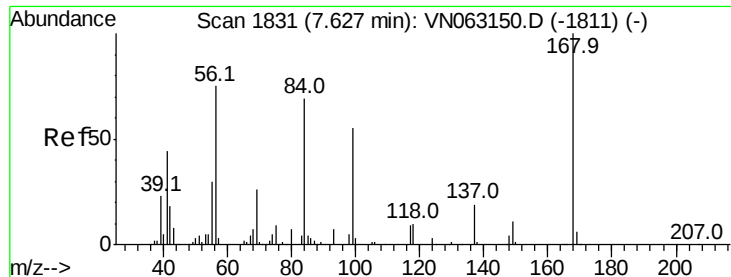
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090320\
Data File : VN063211.D
Acq On : 3 Sep 2020 11:30
Operator : JC/MD
Sample : VN0903WBS01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0903WBS01

Quant Time: Sep 04 04:02:52 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)
93) 1,2,4-Trichlorobenzene	14.88	180	96413	18.823	ug/l	97
94) Hexachlorobutadiene	14.98	225	36094	18.863	ug/l	98
95) Naphthalene	15.11	128	290198	16.981	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	93077	18.651	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063211.D

Acq: 3 Sep 2020 11:30

Instrument :

MSVOA_N

ClientSampleId :

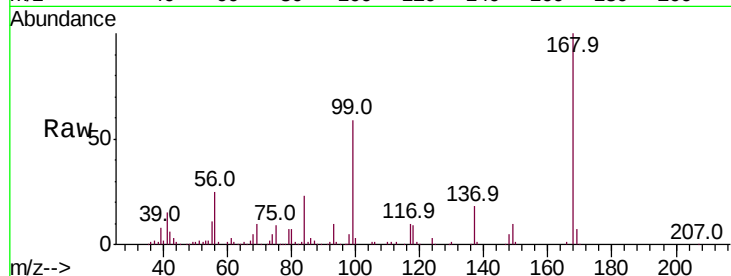
VN0903WBS01

Tot Ion:168 Resp: 383353

Ion Ratio Lower Upper

168 100

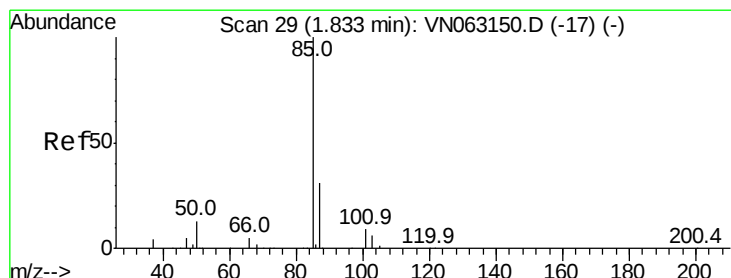
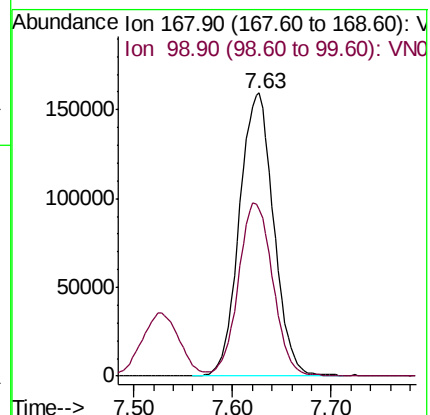
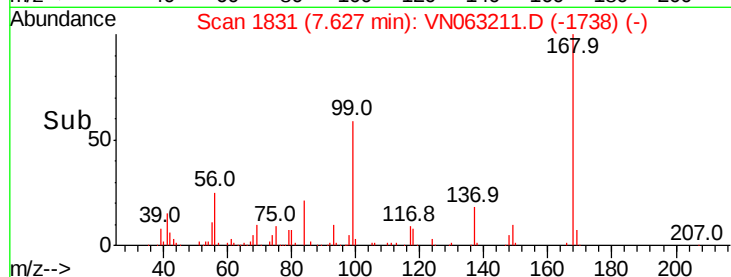
99 58.8 54.2 81.2



Abundance Ion 167.90 (167.60 to 168.60): VN063211.D (-1738) (-)

Ion 98.90 (98.60 to 99.60): VN063211.D (-1738) (-)

7.63



#2

Dichlorodifluoromethane

Concen: 17.146 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063211.D

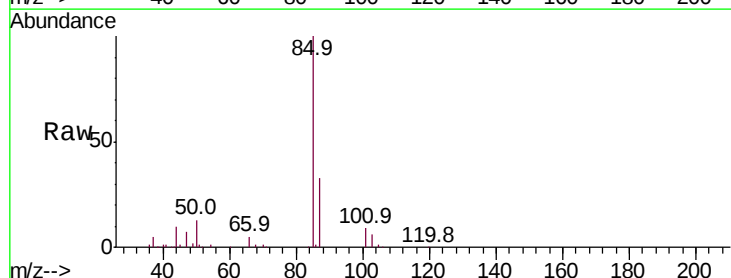
Acq: 3 Sep 2020 11:30

Tgt Ion: 85 Resp: 64732

Ion Ratio Lower Upper

85 100

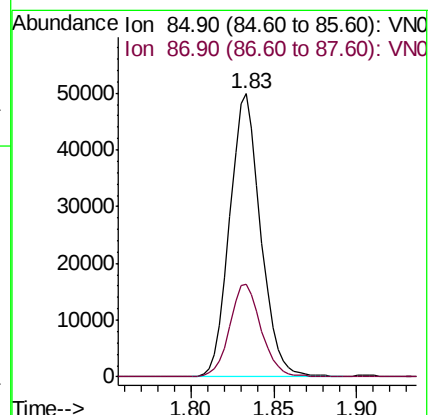
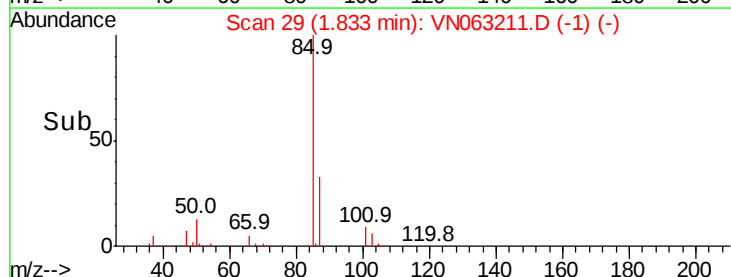
87 32.6 15.6 46.8

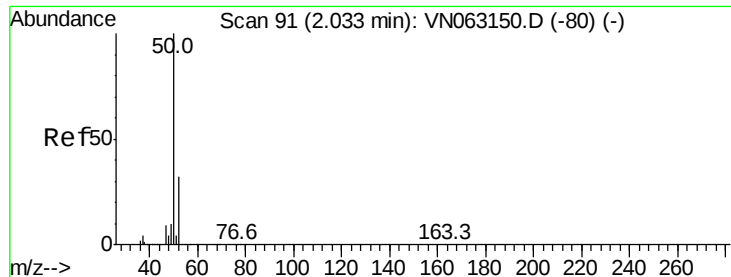


Abundance Ion 84.90 (84.60 to 85.60): VN063211.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VN063211.D (-1) (-)

1.83





#3

Chloromethane

Concen: 17.210 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063211.D

Acq: 3 Sep 2020 11:30

Instrument :

MSVOA_N

ClientSampleId :

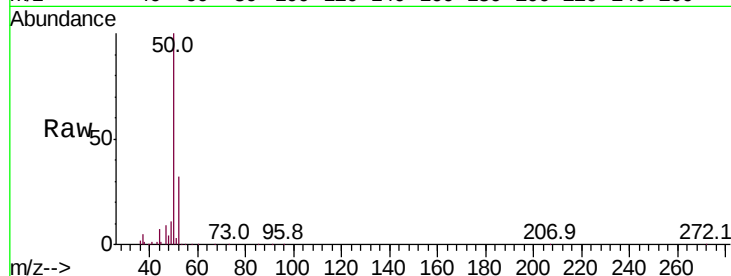
VN0903WBS01

Tot Ion: 50 Resp: 94614

Ion Ratio Lower Upper

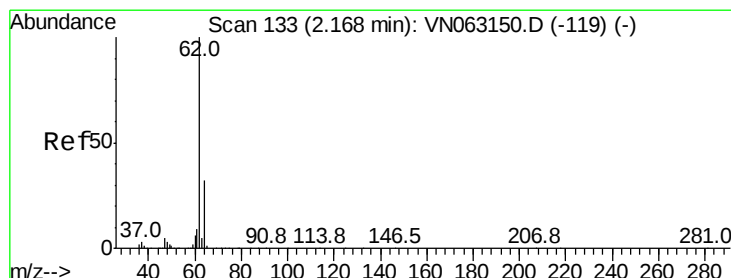
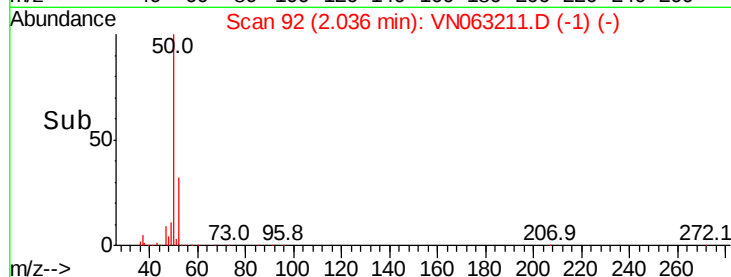
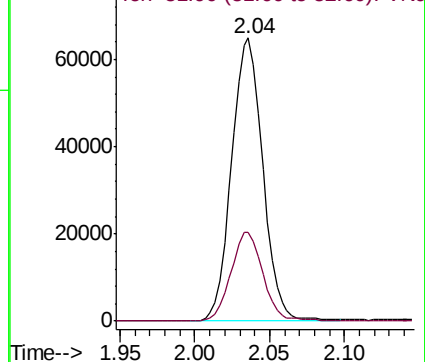
50 100

52 31.5 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 17.561 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN063211.D

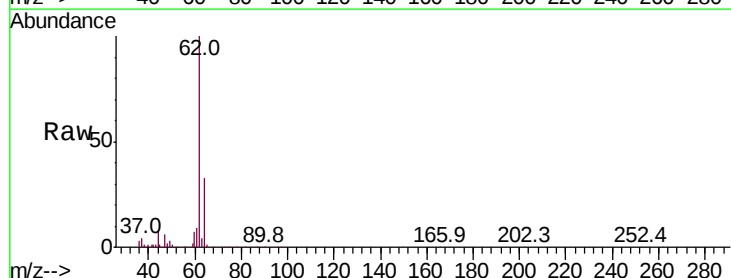
Acq: 3 Sep 2020 11:30

Tgt Ion: 62 Resp: 106644

Ion Ratio Lower Upper

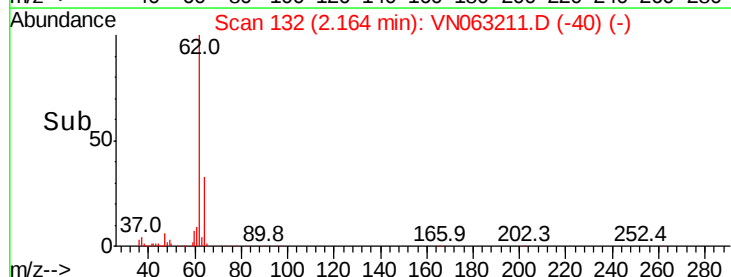
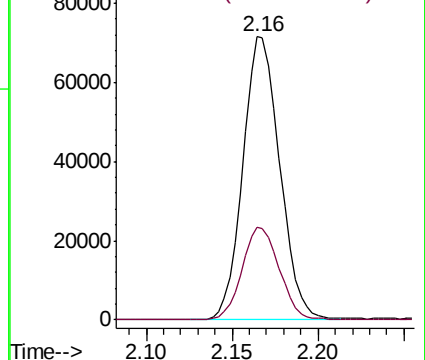
62 100

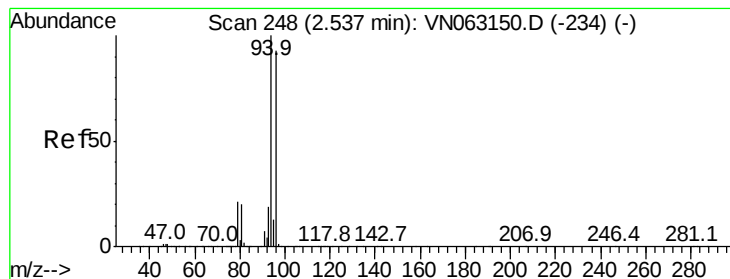
64 32.8 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 19.608 ug/l

RT: 2.54 min Scan# 248

Delta R.T. 0.00 min

Lab File: VN063211.D

Acq: 3 Sep 2020 11:30

Instrument :

MSVOA_N

ClientSampleId :

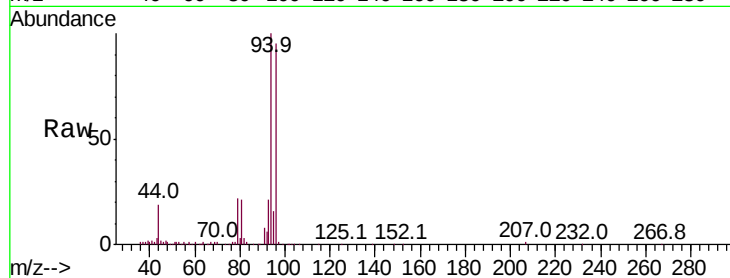
VN0903WBS01

Tot Ion: 94 Resp: 100230

Ion Ratio Lower Upper

94 100

96 94.9 74.4 111.6



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.54

60000

50000

40000

30000

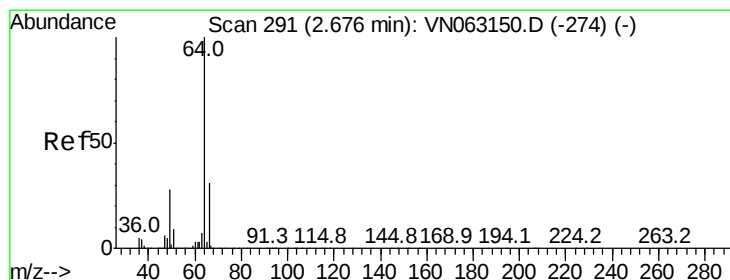
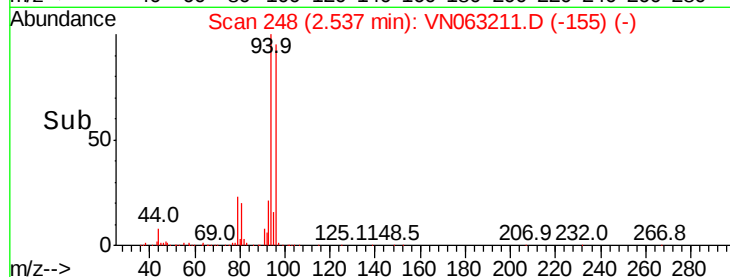
20000

10000

0

Time-->

2.45 2.50 2.55 2.60



#6

Chloroethane

Concen: 19.490 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN063211.D

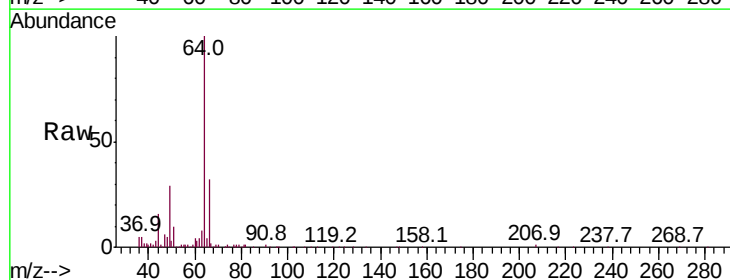
Acq: 3 Sep 2020 11:30

Tgt Ion: 64 Resp: 94106

Ion Ratio Lower Upper

64 100

66 31.6 24.7 37.1



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.68

50000

40000

30000

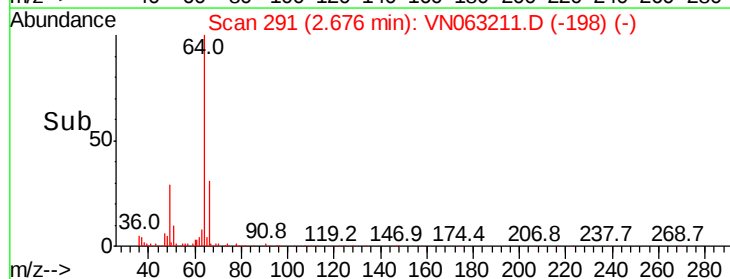
20000

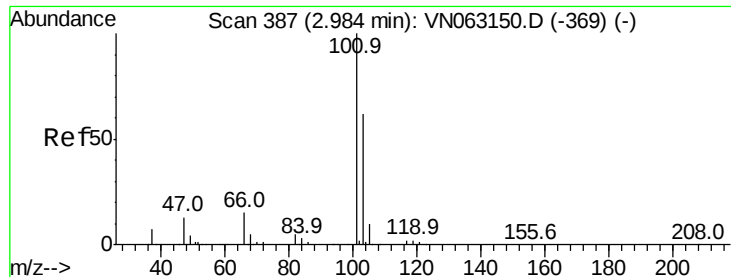
10000

0

Time-->

2.60 2.65 2.70 2.75



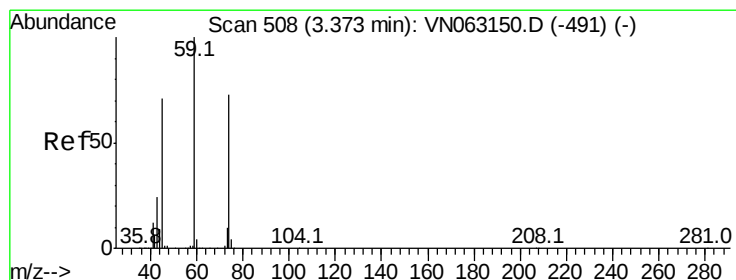
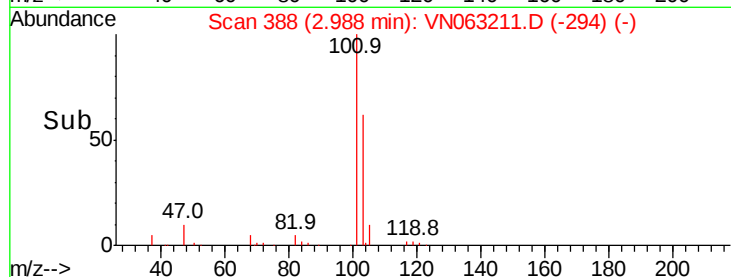
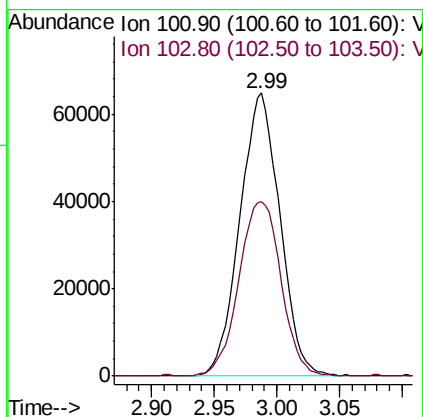
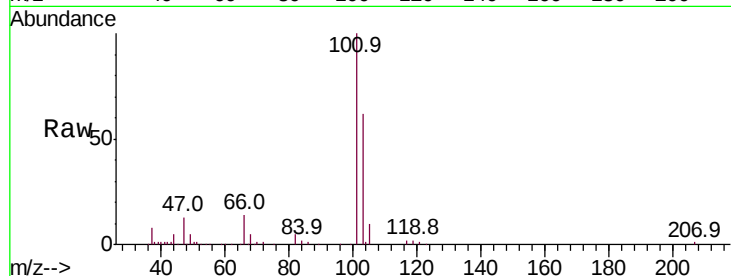


#7

Trichlorofluoromethane
 Concen: 14.484 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN063211.D
 Acq: 3 Sep 2020 11:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0903WBS01

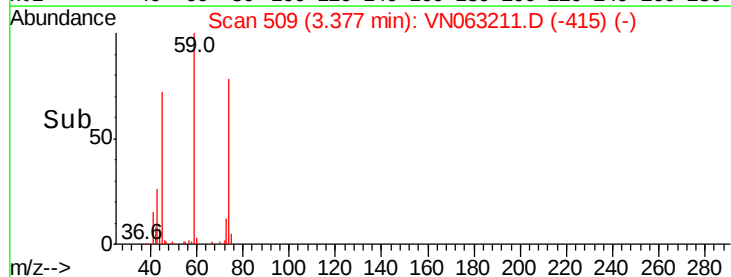
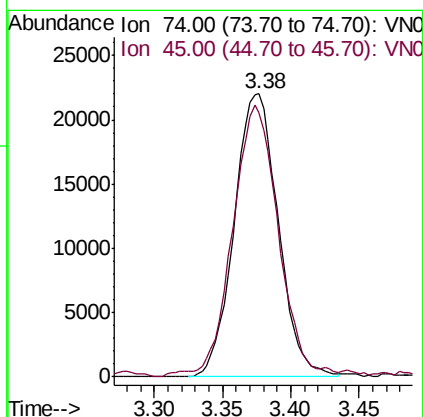
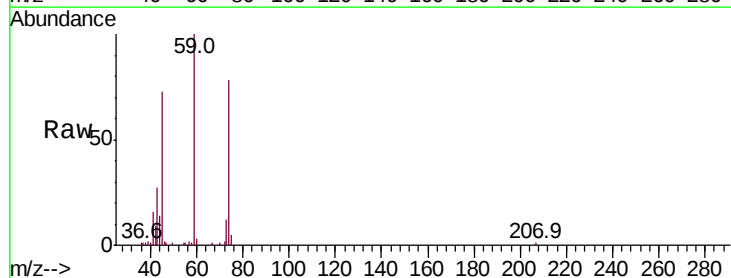
Tot Ion:101 Resp: 144324
 Ion Ratio Lower Upper
 101 100
 103 61.3 49.7 74.5

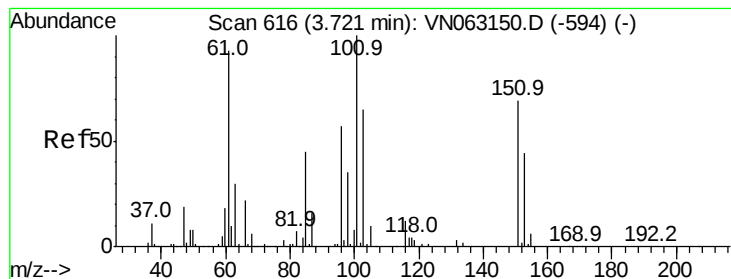


#8

Diethyl Ether
 Concen: 16.987 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN063211.D
 Acq: 3 Sep 2020 11:30

Tgt Ion: 74 Resp: 49358
 Ion Ratio Lower Upper
 74 100
 45 94.5 49.5 148.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.766 ug/l

RT: 3.72 min Scan# 617

Delta R.T. 0.00 min

Lab File: VN063211.D

Acq: 3 Sep 2020 11:30

Instrument :

MSVOA_N

ClientSampleId :

VN0903WBS01

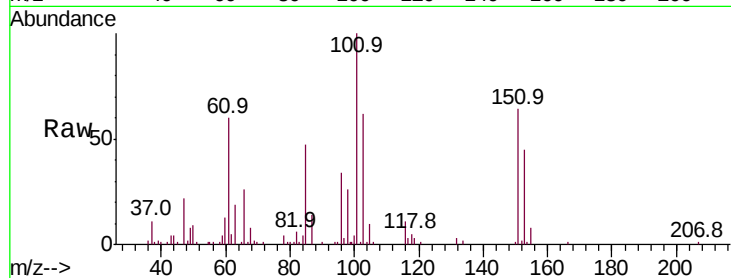
Tot Ion:101 Resp: 77458

Ion Ratio Lower Upper

101 100

85 47.7 37.8 56.8

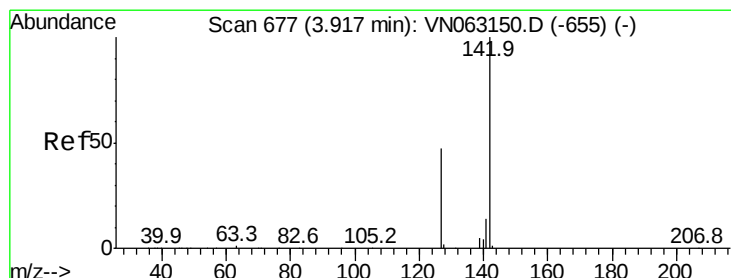
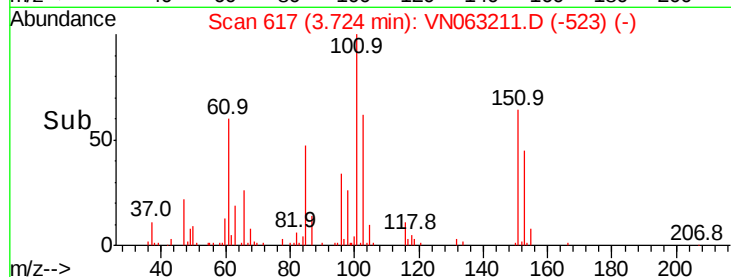
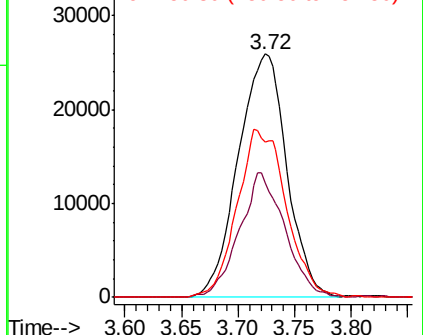
151 69.7 55.0 82.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 15.867 ug/l

RT: 3.91 min Scan# 675

Delta R.T. -0.01 min

Lab File: VN063211.D

Acq: 3 Sep 2020 11:30

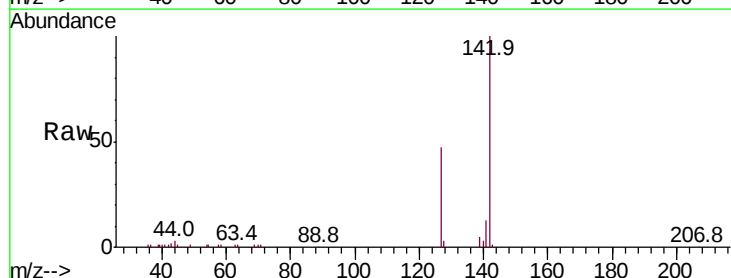
Tgt Ion:142 Resp: 89327

Ion Ratio Lower Upper

142 100

127 47.5 37.6 56.4

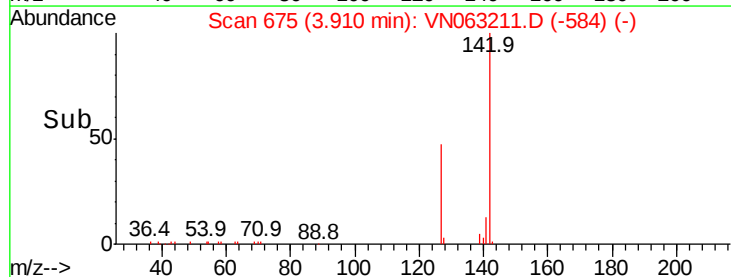
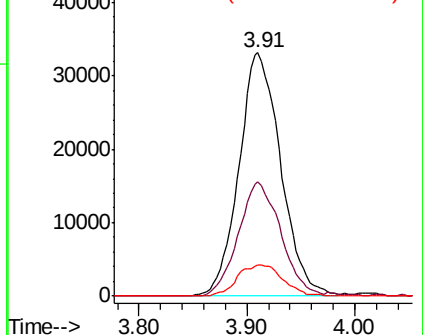
141 13.8 11.3 16.9

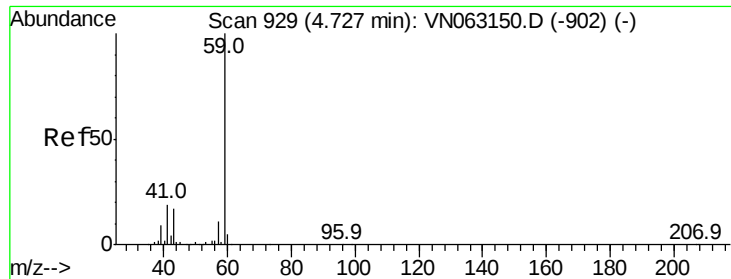


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 90.580 ug/l

RT: 4.72 min Scan# 928

Delta R.T. -0.00 min

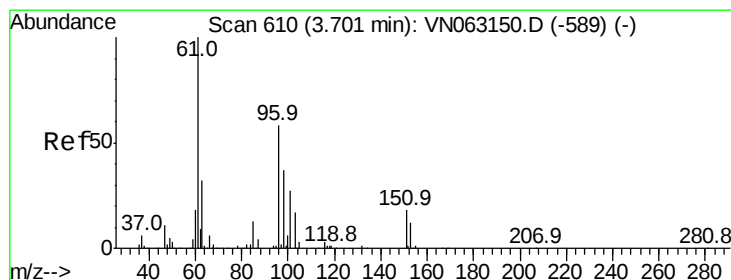
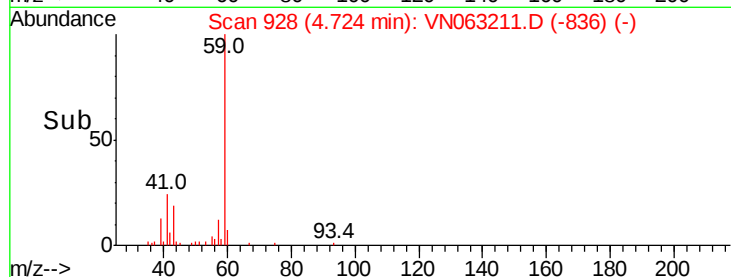
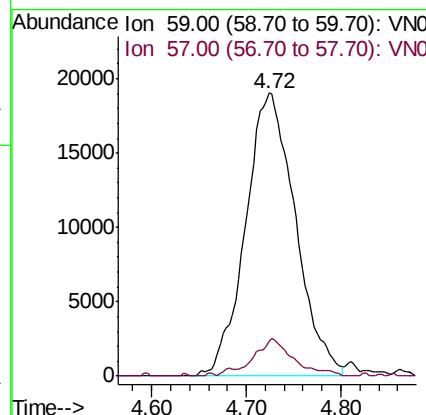
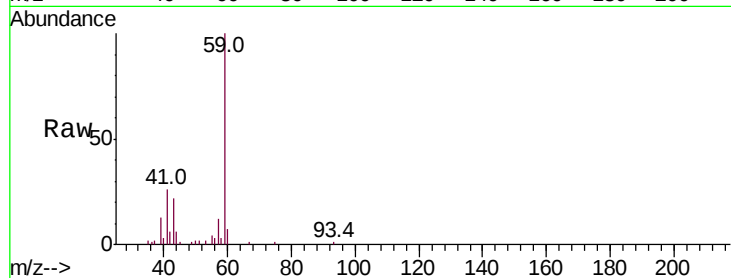
Lab File: VN063211.D

Acq: 3 Sep 2020 11:30

Instrument :
MSVOA_N
ClientSampleId :
VN0903WBS01

Tot Ion: 59 Resp: 69677

Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.4	12.6



#12

1,1-Dichloroethene

Concen: 17.928 ug/l

RT: 3.69 min Scan# 608

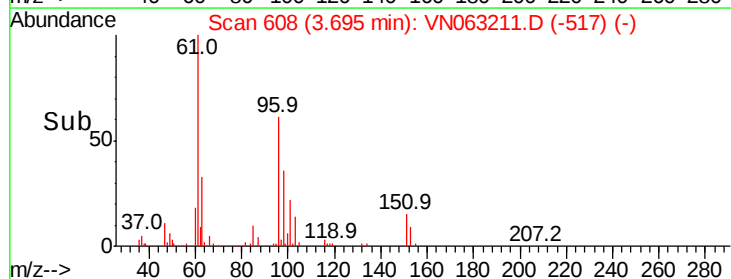
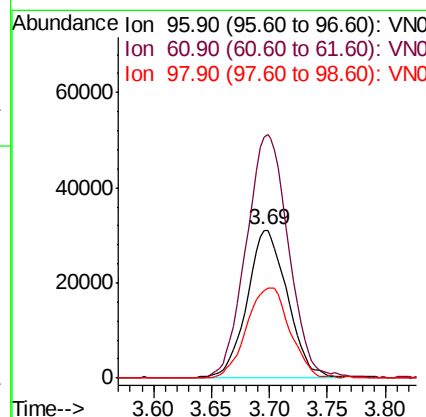
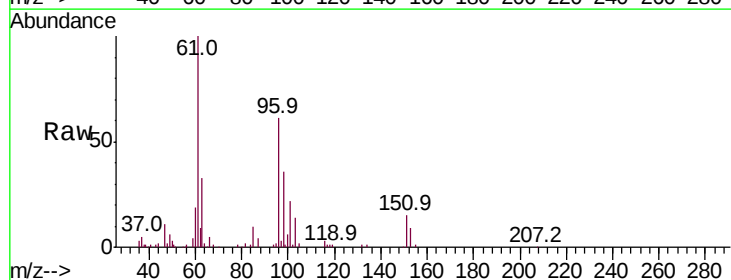
Delta R.T. -0.01 min

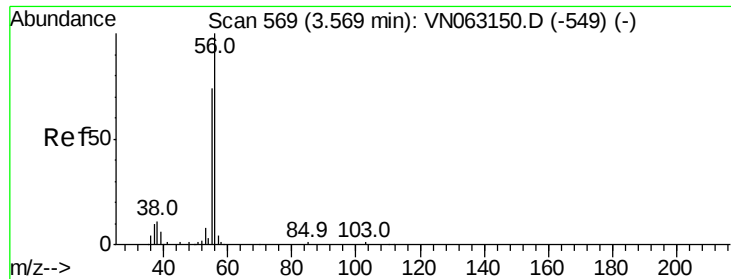
Lab File: VN063211.D

Acq: 3 Sep 2020 11:30

Tgt Ion: 96 Resp: 75403

Ion	Ratio	Lower	Upper
96	100		
61	163.0	137.4	206.2
98	58.8	50.5	75.7





#13

Acrolein

Concen: 79.363 ug/l

RT: 3.58 min Scan# 571

Delta R.T. 0.01 min

Lab File: VN063211.D

Acq: 3 Sep 2020 11:30

Instrument :

MSVOA_N

ClientSampleId :

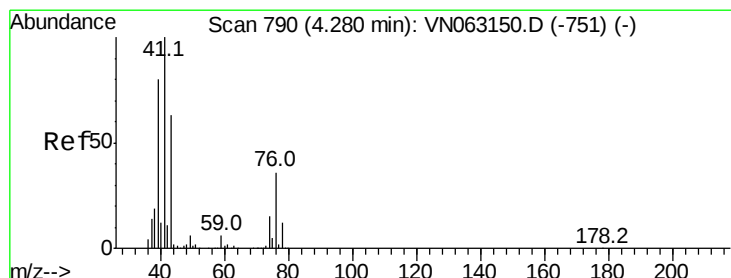
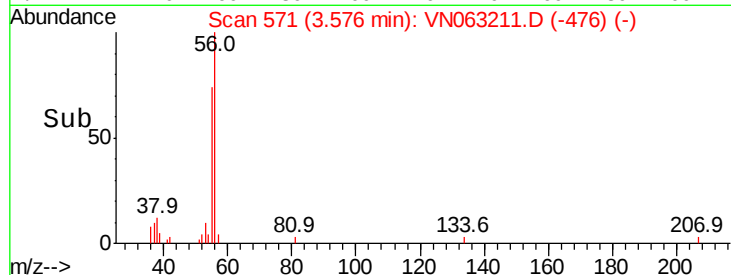
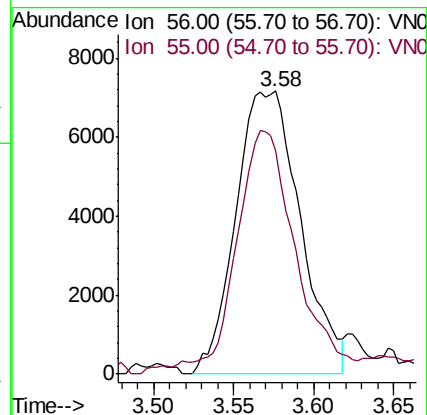
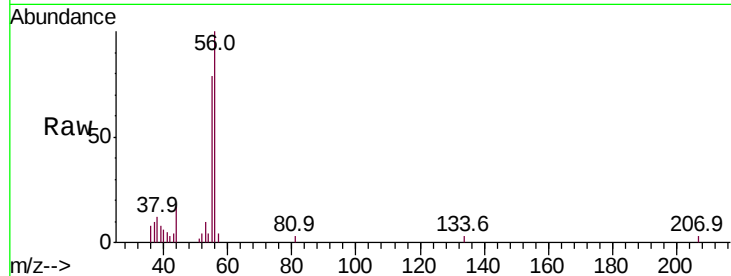
VN0903WBS01

Tot Ion: 56 Resp: 19878

Ion Ratio Lower Upper

56 100

55 80.0 55.4 83.0



#14

Allyl chloride

Concen: 17.576 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063211.D

Acq: 3 Sep 2020 11:30

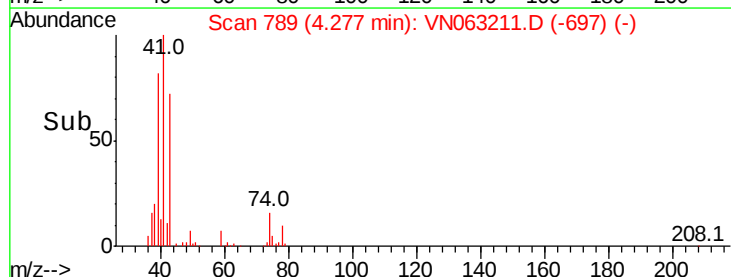
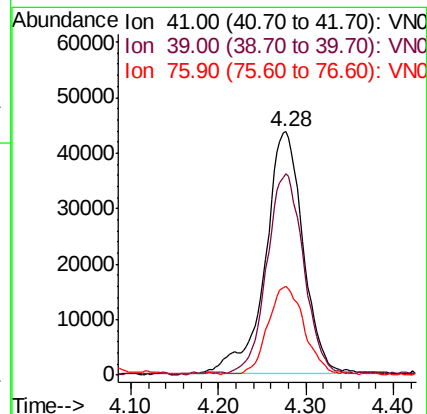
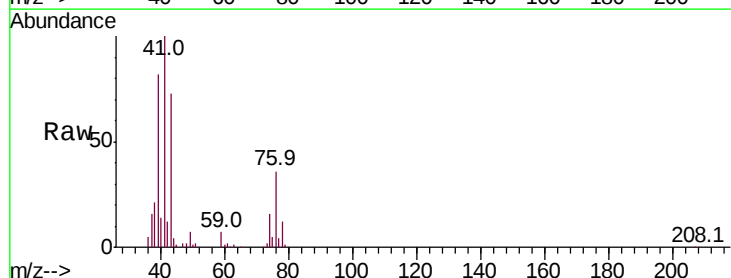
Tgt Ion: 41 Resp: 131291

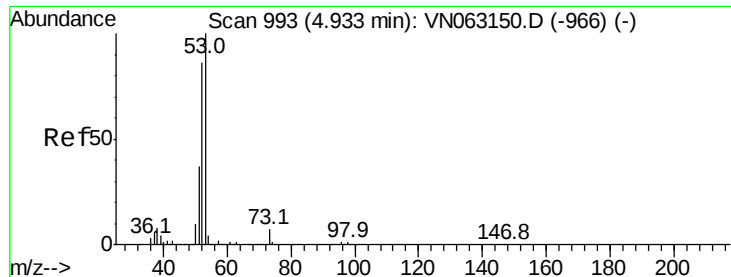
Ion Ratio Lower Upper

41 100

39 78.8 60.2 90.2

76 34.4 27.7 41.5





#15

Acrylonitrile

Concen: 89.501 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN063211.D

Acq: 3 Sep 2020 11:30

Instrument :

MSVOA_N

ClientSampleId :

VN0903WBS01

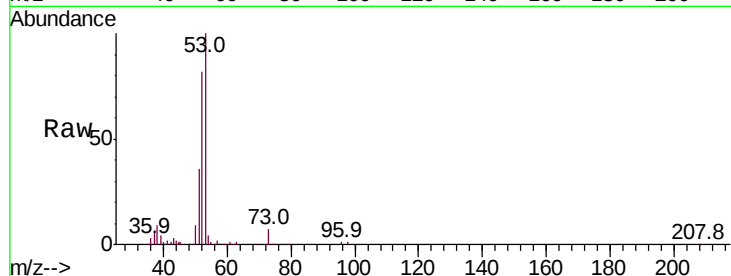
Tot Ion: 53 Resp: 189491

Ion Ratio Lower Upper

53 100

52 81.7 67.2 100.8

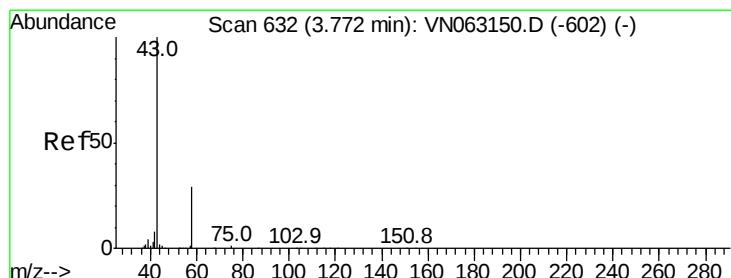
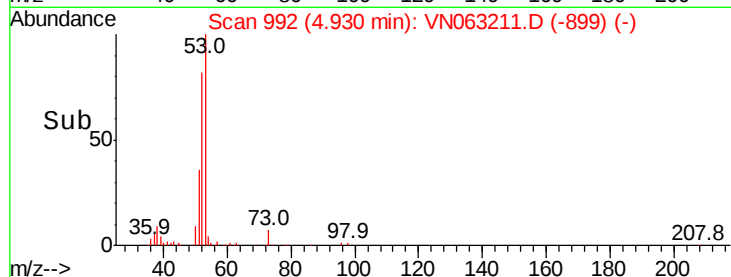
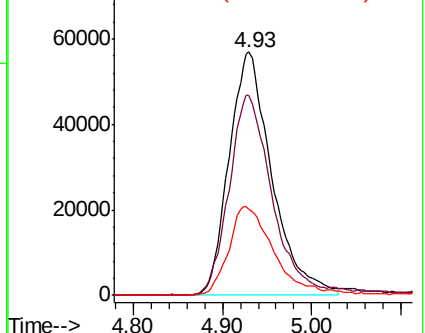
51 36.9 30.2 45.4



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 93.390 ug/l

RT: 3.77 min Scan# 632

Delta R.T. 0.00 min

Lab File: VN063211.D

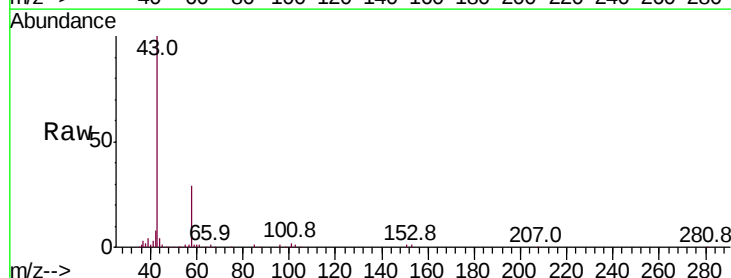
Acq: 3 Sep 2020 11:30

Tgt Ion: 43 Resp: 166369

Ion Ratio Lower Upper

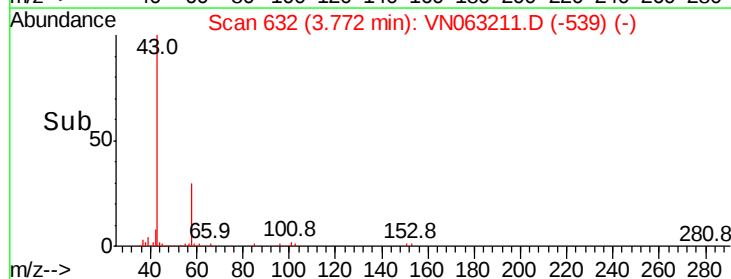
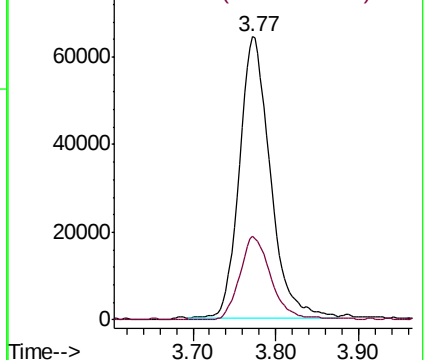
43 100

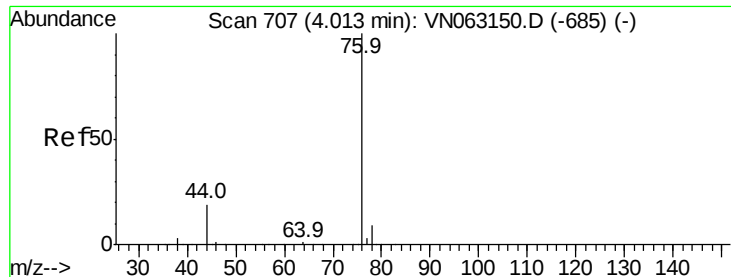
58 29.6 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

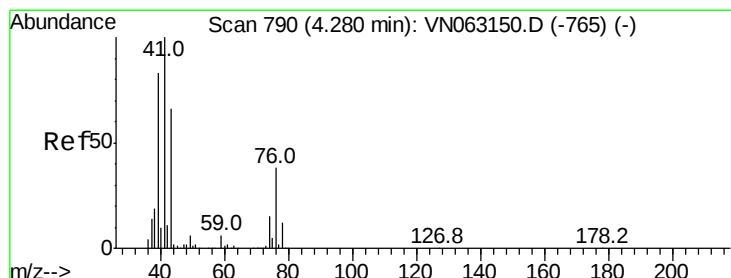
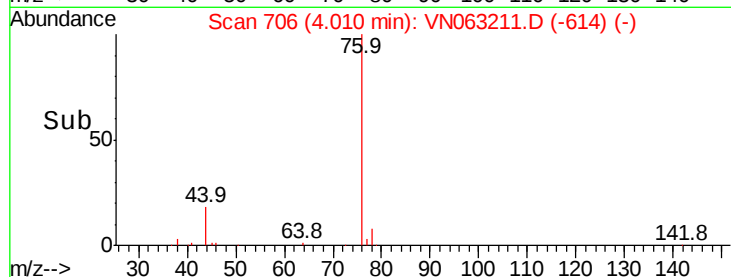
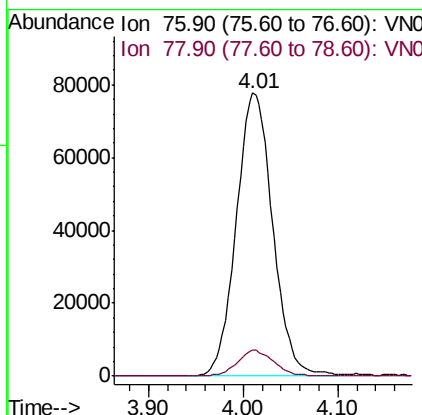
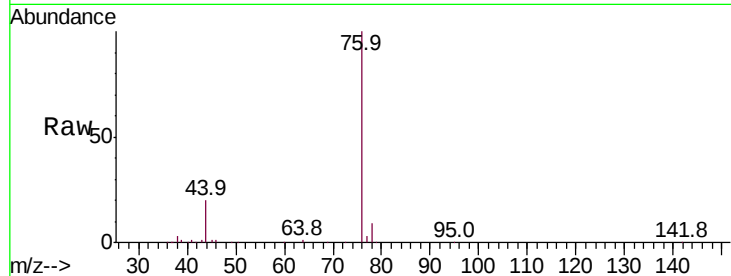




#17
Carbon Disulfide
Concen: 16.586 ug/l
RT: 4.01 min Scan# 706
Delta R.T. -0.00 min
Lab File: VN063211.D
Acq: 3 Sep 2020 11:30

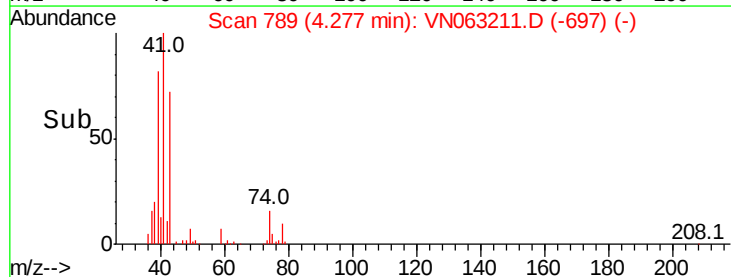
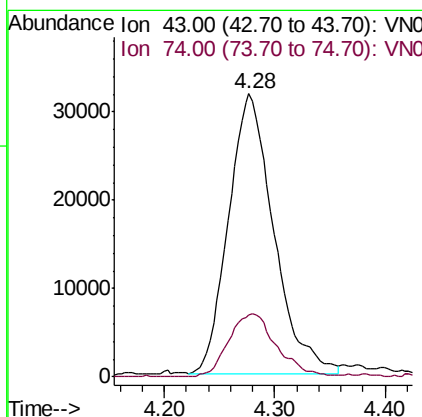
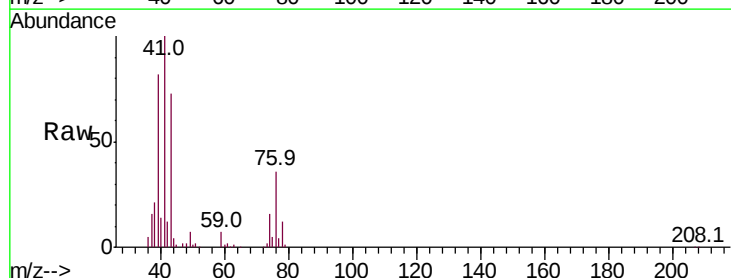
Instrument :
MSVOA_N
ClientSampleId :
VN0903WBS01

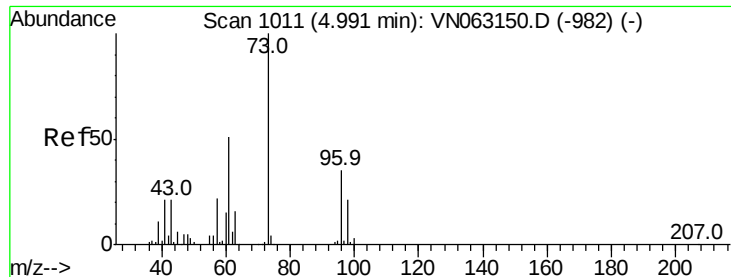
Tot Ion: 76 Resp: 207636
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3



#18
Methyl Acetate
Concen: 19.743 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN063211.D
Acq: 3 Sep 2020 11:30

Tgt Ion: 43 Resp: 90182
Ion Ratio Lower Upper
43 100
74 23.9 19.0 28.6

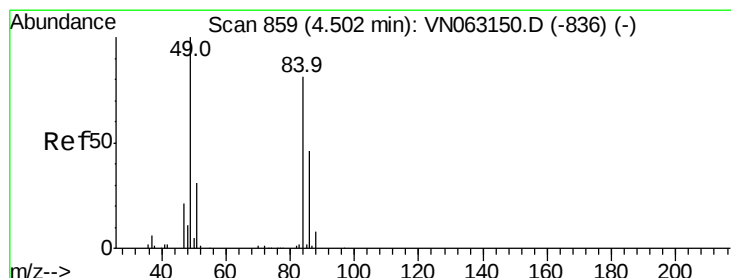
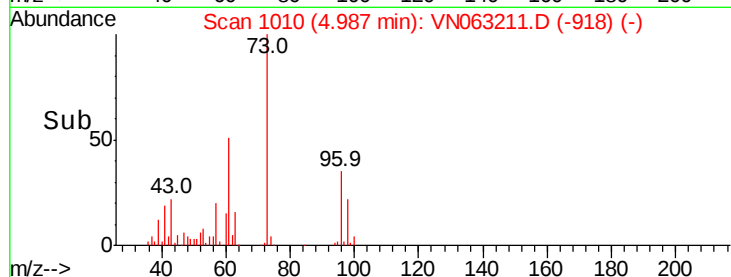
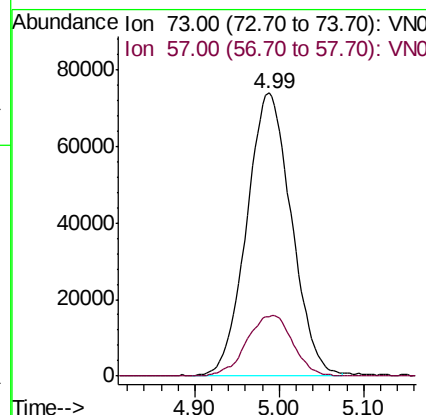
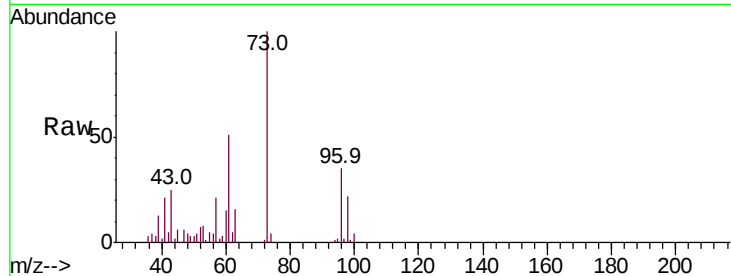




#19
Methvl tert-butvl Ether
Concen: 17.484 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VN063211.D
Acq: 3 Sep 2020 11:30

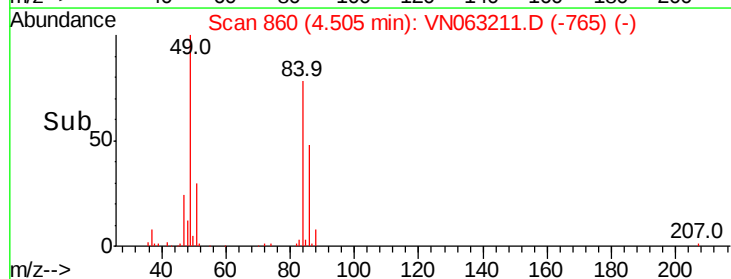
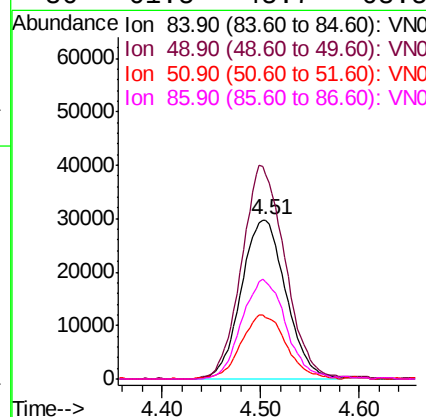
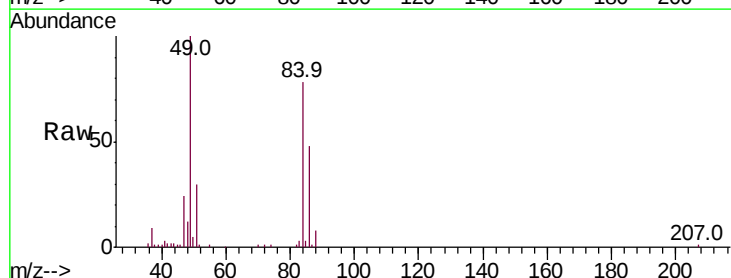
Instrument :
MSVOA_N
ClientSampleId :
VN0903WBS01

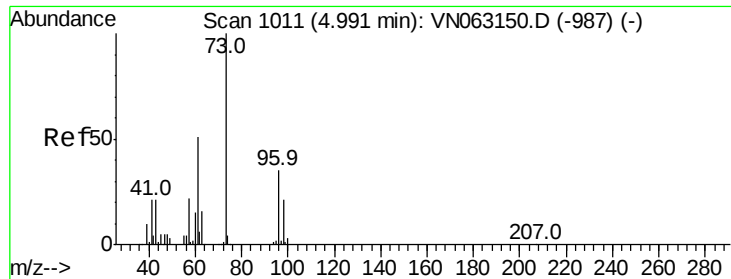
Tot Ion: 73 Resp: 272806
Ion Ratio Lower Upper
73 100
57 21.1 17.6 26.4



#20
Methylene Chloride
Concen: 18.325 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063211.D
Acq: 3 Sep 2020 11:30

Tgt Ion: 84 Resp: 93355
Ion Ratio Lower Upper
84 100
49 128.8 98.4 147.6
51 38.3 30.4 45.6
86 61.5 45.7 68.5





#21

trans-1,2-Dichloroethene

Concen: 18.267 ug/l

RT: 4.99 min Scan# 1012

Delta R.T. 0.00 min

Lab File: VN063211.D

Acq: 3 Sep 2020 11:30

Instrument :

MSVOA_N

ClientSampleId :

VN0903WBS01

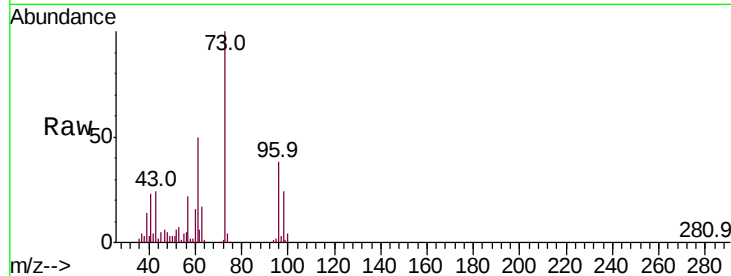
Tot Ion: 96 Resp: 84884

Ion Ratio Lower Upper

96 100

61 132.2 116.2 174.4

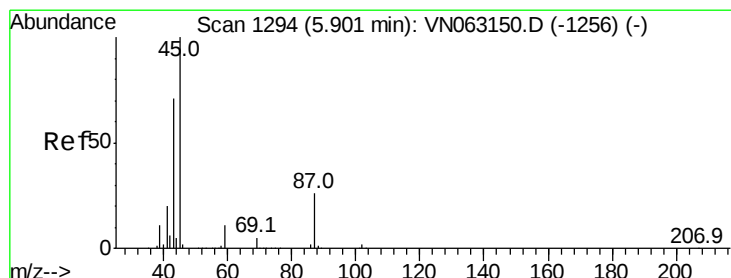
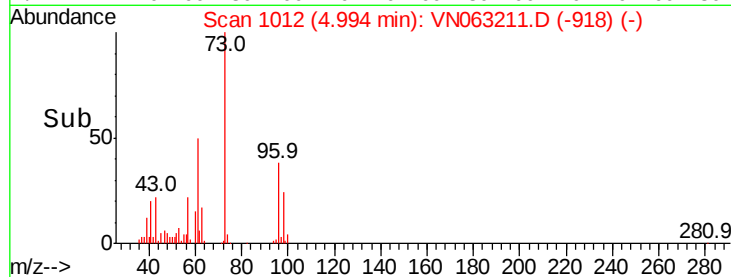
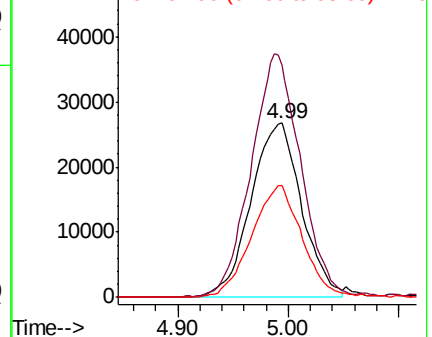
98 64.3 48.0 72.0



Abundance Ion 95.90 (95.60 to 96.60): VN063211.D (-918) (-)

Ion 60.90 (60.60 to 61.60): VN063211.D (-918) (-)

Ion 97.90 (97.60 to 98.60): VN063211.D (-918) (-)



#22

Diisopropyl ether

Concen: 17.667 ug/l

RT: 5.90 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VN063211.D

Acq: 3 Sep 2020 11:30

Tgt Ion: 45 Resp: 295742

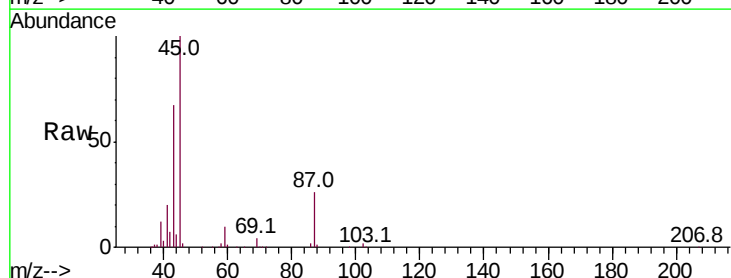
Ion Ratio Lower Upper

45 100

43 64.2 56.8 85.2

87 26.2 21.1 31.7

59 9.4 8.9 13.3

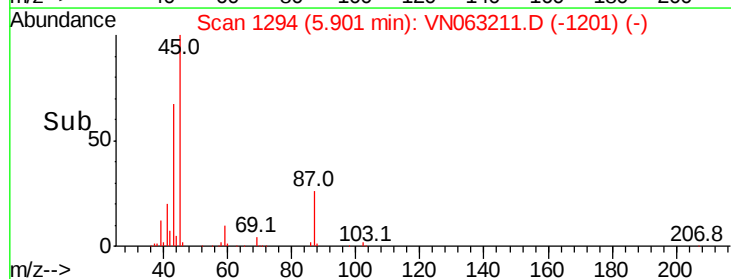
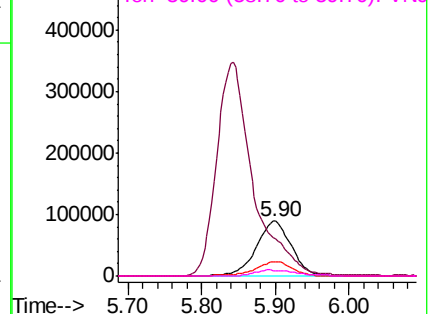


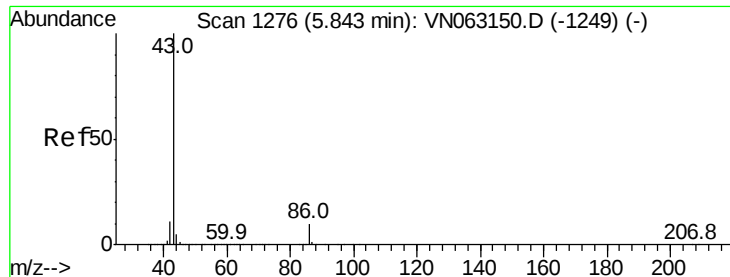
Abundance Ion 45.00 (44.70 to 45.70): VN063211.D (-1201) (-)

Ion 43.00 (42.70 to 43.70): VN063211.D (-1201) (-)

Ion 87.00 (86.70 to 87.70): VN063211.D (-1201) (-)

Ion 59.00 (58.70 to 59.70): VN063211.D (-1201) (-)





#23

Vinyl Acetate

Concen: 89.174 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. 0.00 min

Lab File: VN063211.D

Acq: 3 Sep 2020 11:30

Instrument :

MSVOA_N

ClientSampleId :

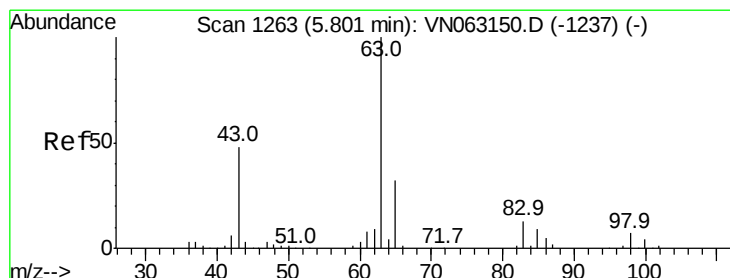
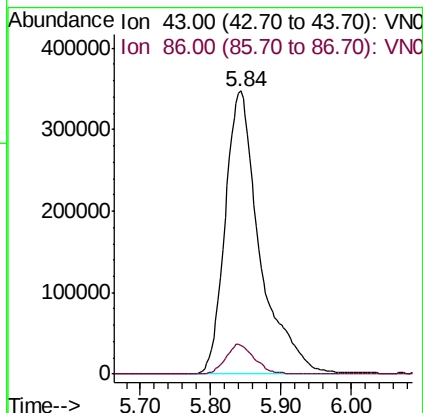
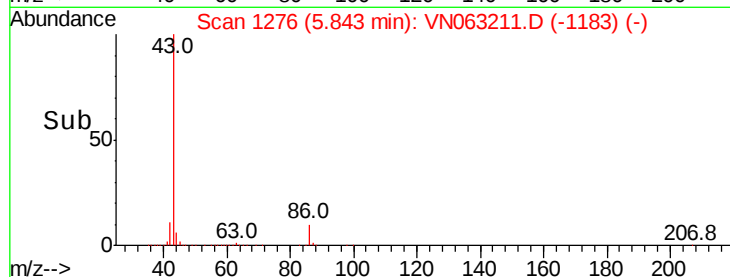
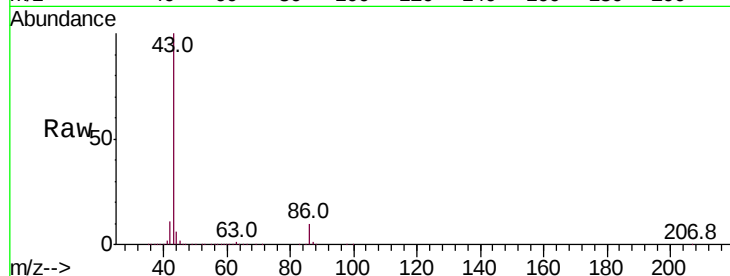
VN0903WBS01

Tot Ion: 43 Resp: 1191063

Ion Ratio Lower Upper

43 100

86 10.3 8.3 12.5



#24

1,1-Dichloroethane

Concen: 17.689 ug/l

RT: 5.79 min Scan# 1261

Delta R.T. -0.01 min

Lab File: VN063211.D

Acq: 3 Sep 2020 11:30

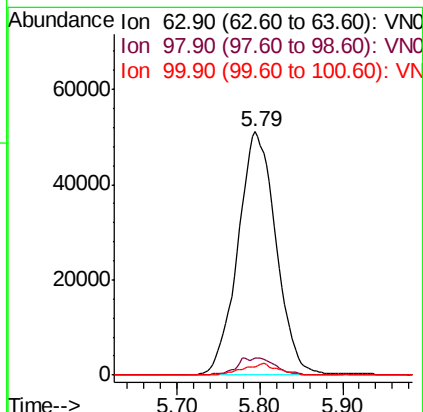
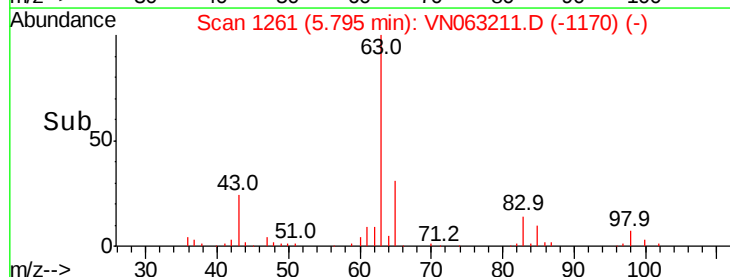
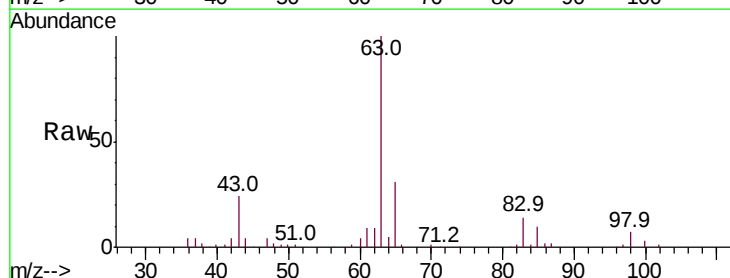
Tgt Ion: 63 Resp: 163237

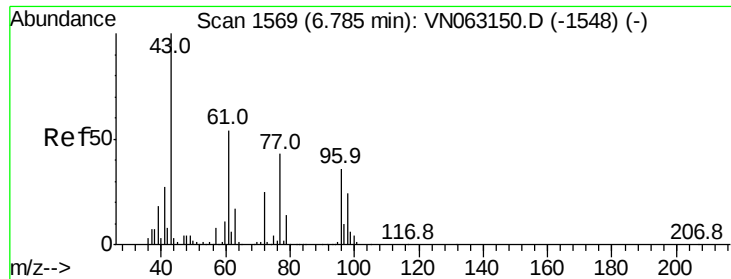
Ion Ratio Lower Upper

63 100

98 7.1 3.4 10.1

100 3.4 2.3 6.8





#25

2-Butanone

Concen: 99.002 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN063211.D

Acq: 3 Sep 2020 11:30

Instrument :

MSVOA_N

ClientSampled :

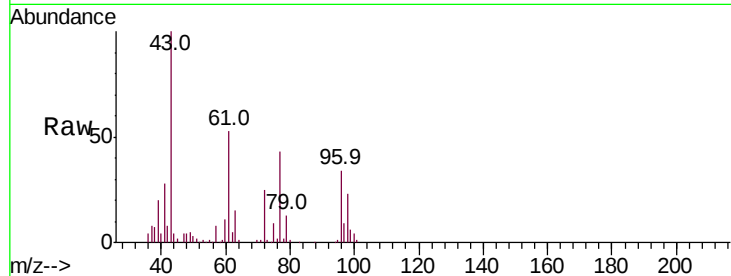
VN0903WBS01

Tot Ion: 43 Resp: 273087

Ion Ratio Lower Upper

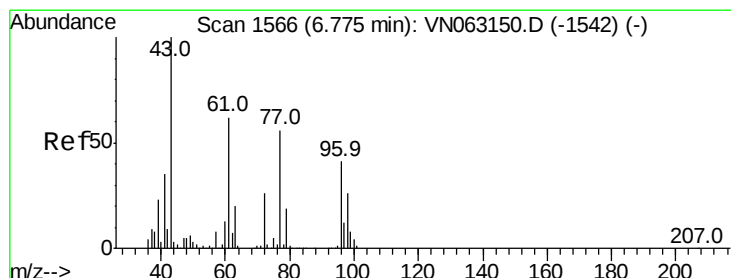
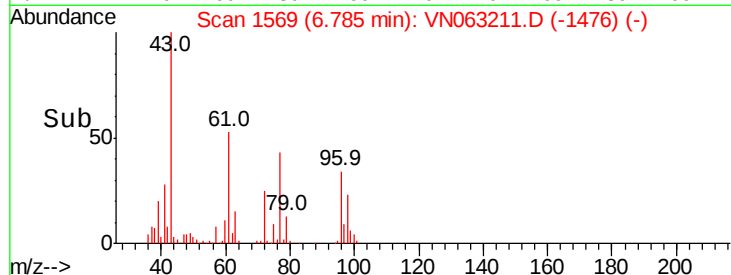
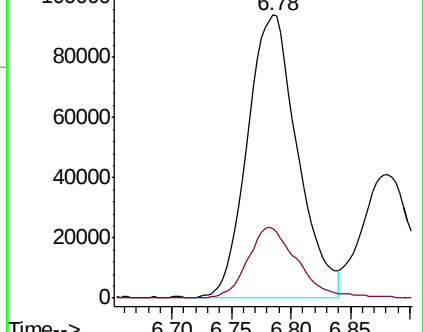
43 100

72 24.8 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 17.267 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN063211.D

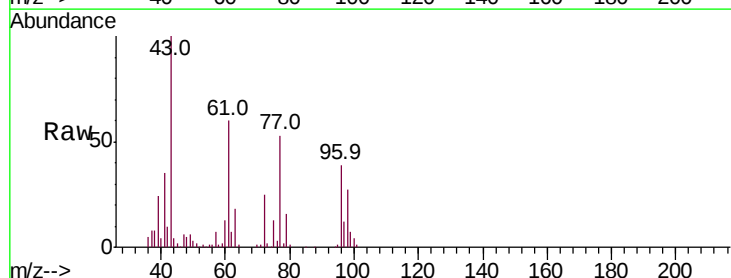
Acq: 3 Sep 2020 11:30

Tgt Ion: 77 Resp: 144364

Ion Ratio Lower Upper

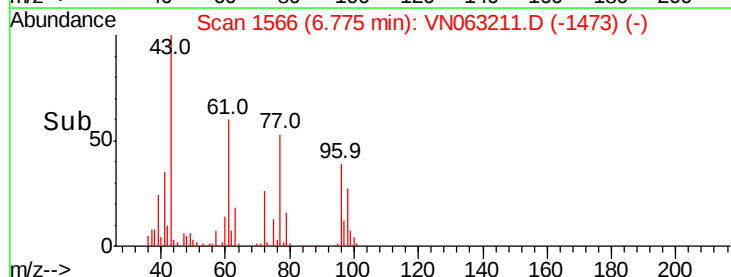
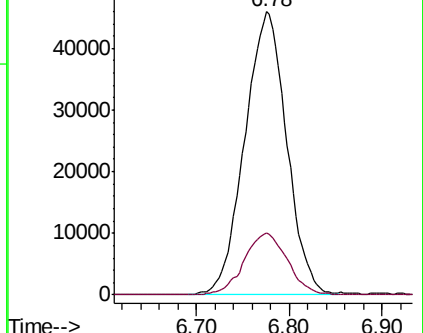
77 100

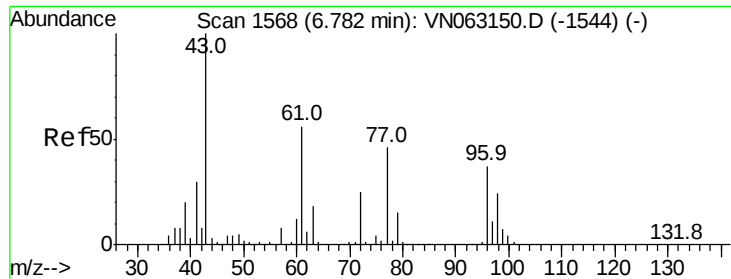
97 22.6 10.7 31.9



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 17.561 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.01 min

Lab File: VN063211.D

Acq: 3 Sep 2020 11:30

Instrument :

MSVOA_N

ClientSampleId :

VN0903WBS01

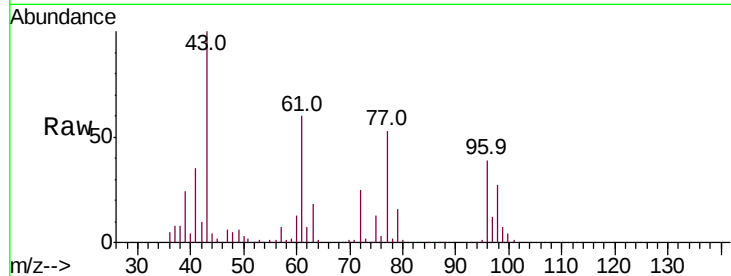
Tot Ion: 96 Resp: 99188

Ion Ratio Lower Upper

96 100

61 153.1 0.0 303.2

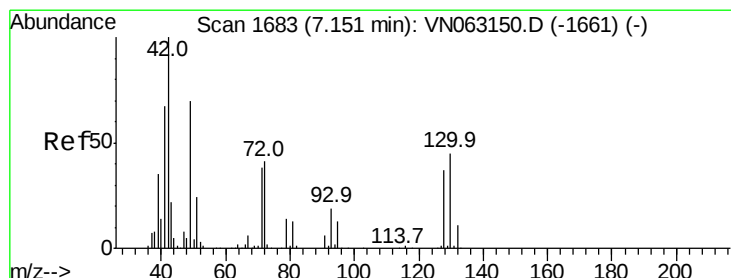
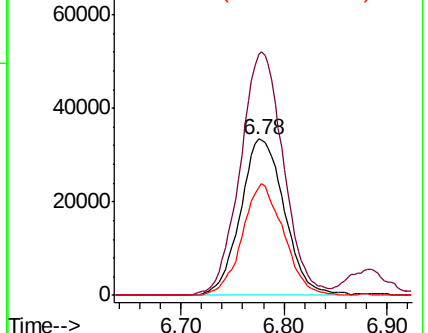
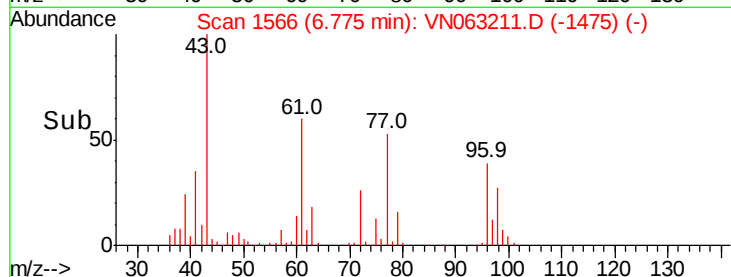
98 67.4 0.0 129.0



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



#28

Bromochloromethane

Concen: 18.046 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VN063211.D

Acq: 3 Sep 2020 11:30

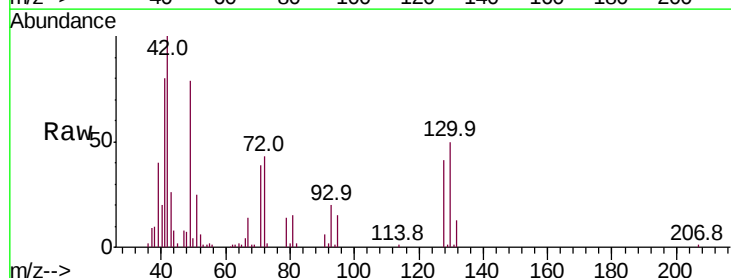
Tgt Ion: 49 Resp: 87004

Ion Ratio Lower Upper

49 100

129 0.6 0.0 4.0

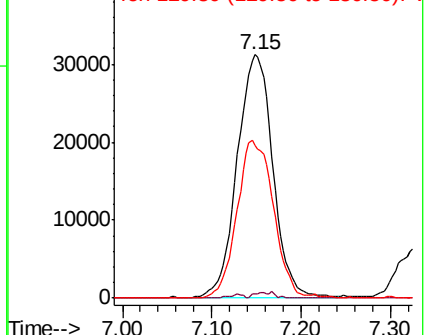
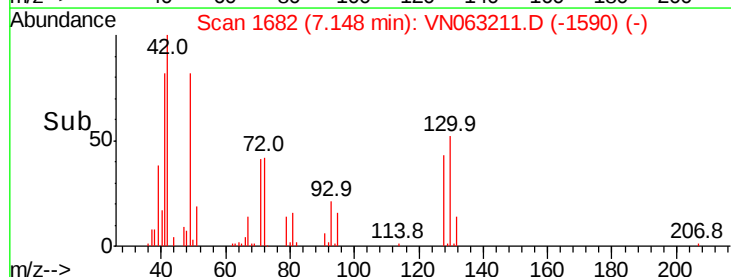
130 66.2 54.4 81.6

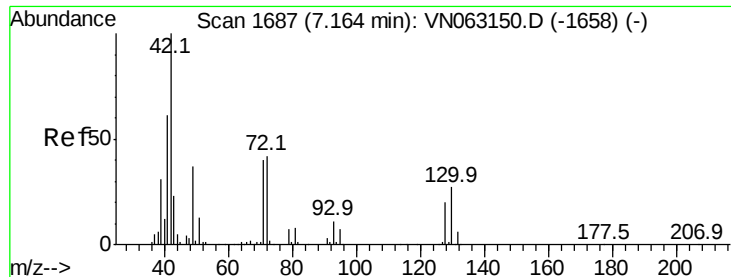


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

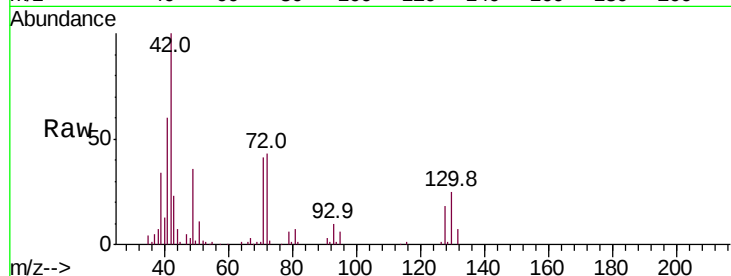




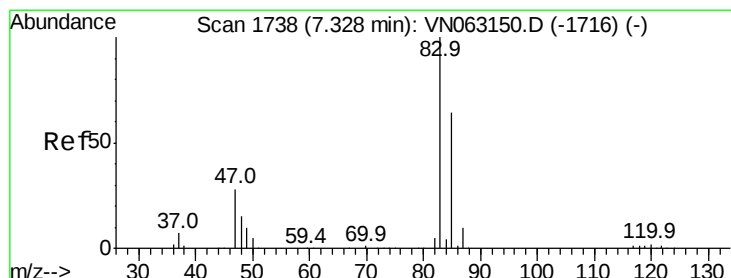
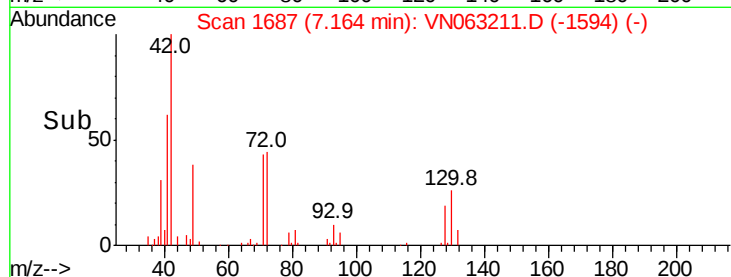
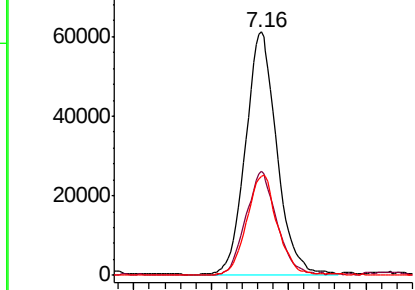
#29
Tetrahydrofuran
Concen: 91.269 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN063211.D
Acq: 3 Sep 2020 11:30

Instrument :
MSVOA_N
ClientSampleId :
VN0903WBS01

Tot Ion: 42 Resp: 174077
Ion Ratio Lower Upper
42 100
72 42.1 33.9 50.9
71 40.3 31.9 47.9

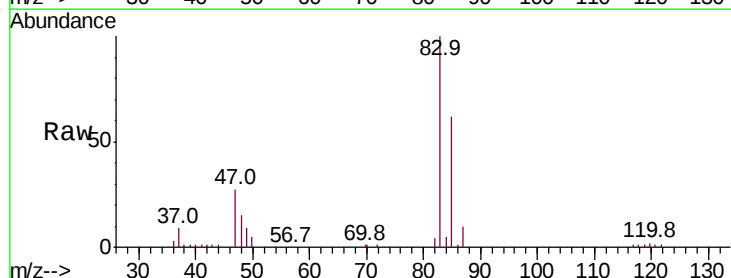


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

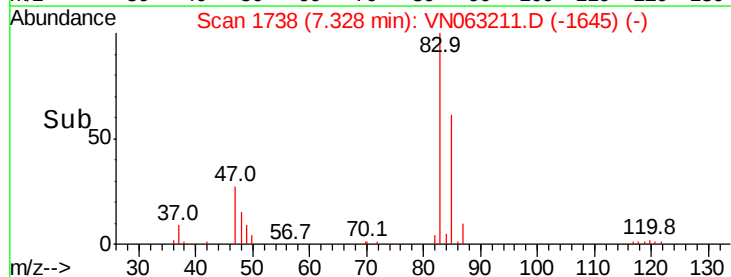
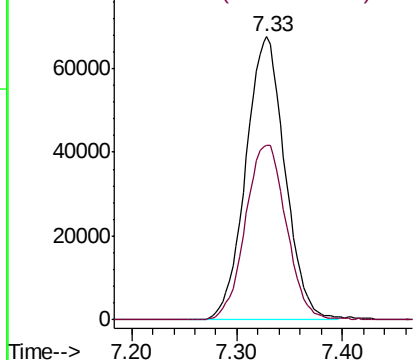


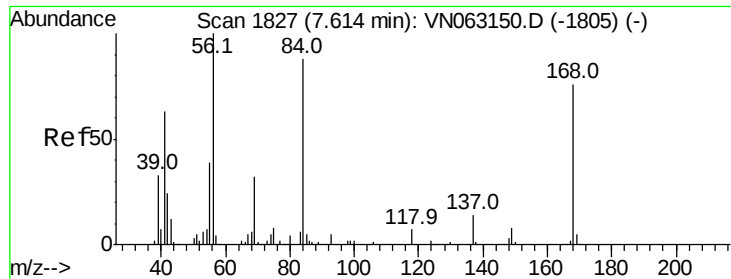
#30
Chloroform
Concen: 18.086 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN063211.D
Acq: 3 Sep 2020 11:30

Tgt Ion: 83 Resp: 174615
Ion Ratio Lower Upper
83 100
85 61.8 51.0 76.6



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

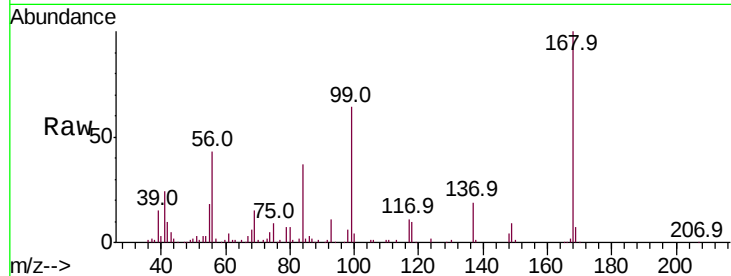




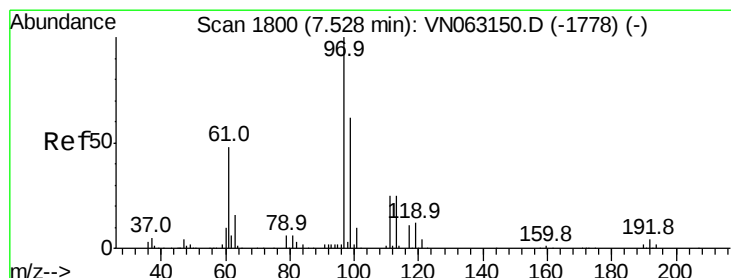
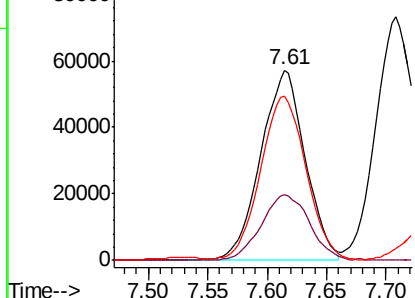
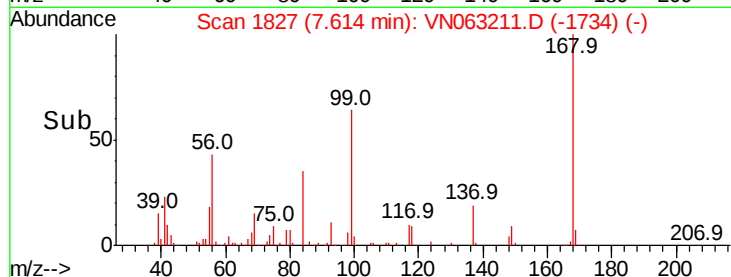
#31
Cyclohexane
Concen: 17.040 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN063211.D
Acq: 3 Sep 2020 11:30

Instrument :
MSVOA_N
ClientSampleId :
VN0903WBS01

Tot Ion: 56 Resp: 147966
Ion Ratio Lower Upper
56 100
69 33.8 25.4 38.0
84 84.4 70.2 105.4

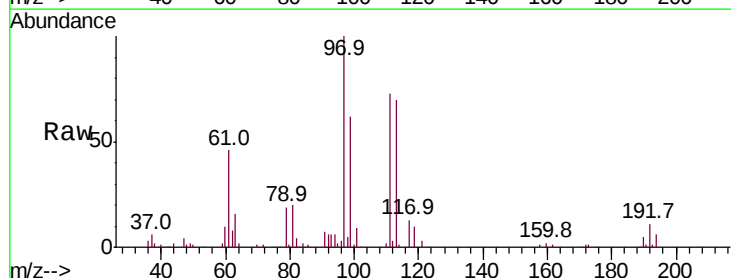


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

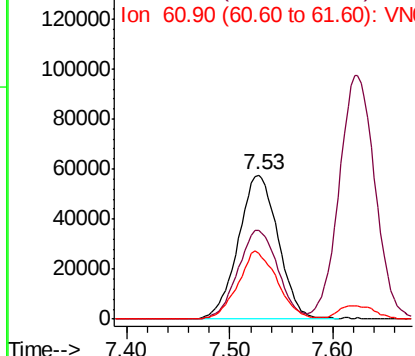
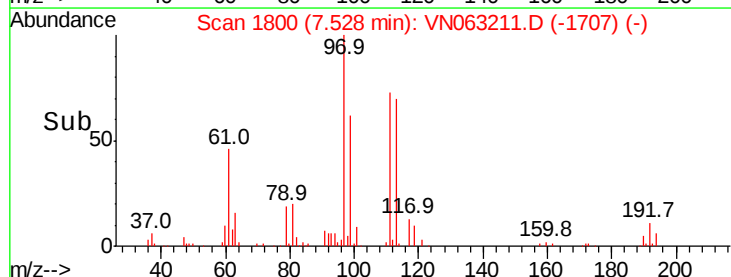


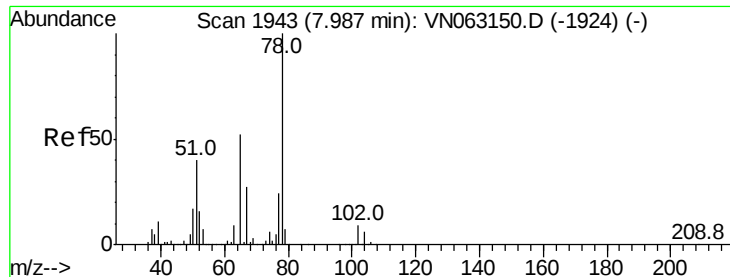
#32
1,1,1-Trichloroethane
Concen: 18.605 ug/l
RT: 7.53 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VN063211.D
Acq: 3 Sep 2020 11:30

Tgt Ion: 97 Resp: 154786
Ion Ratio Lower Upper
97 100
99 62.0 50.8 76.2
61 46.4 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: 46.478 ug/l

RT: 7.98 min Scan# 1942

Delta R.T. -0.00 min

Lab File: VN063211.D

Acq: 3 Sep 2020 11:30

Instrument :

MSVOA_N

ClientSampled :

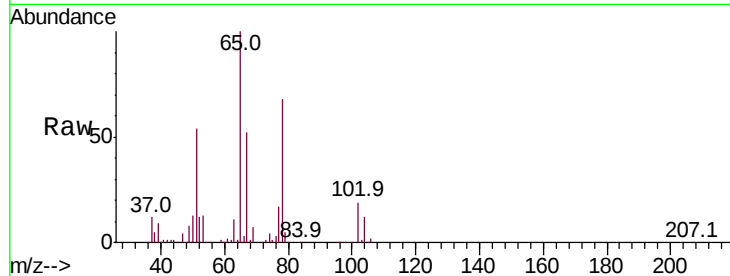
VN0903WBS01

Tot Ion: 65 Resp: 291263

Ion Ratio Lower Upper

65 100

67 51.7 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

7.98

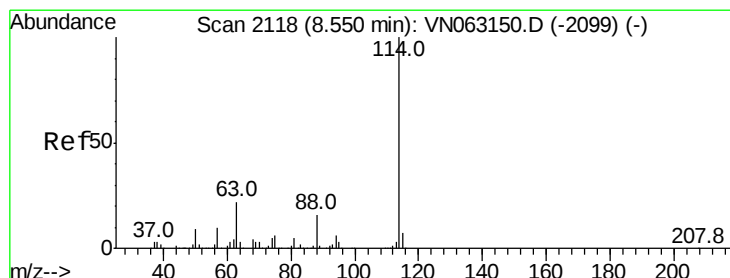
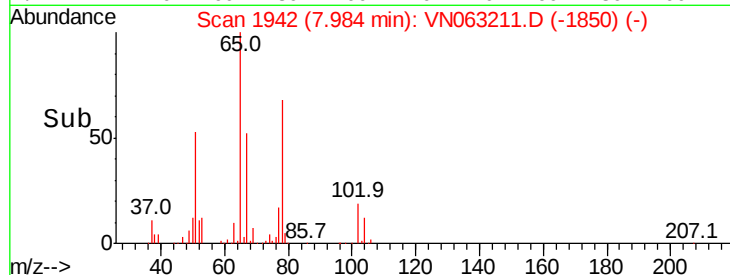
100000

50000

0

Time-->

7.90 7.95 8.00 8.05



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN063211.D

Acq: 3 Sep 2020 11:30

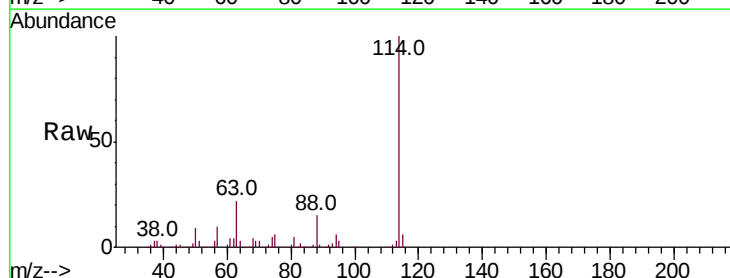
Tgt Ion: 114 Resp: 684454

Ion Ratio Lower Upper

114 100

63 21.8 0.0 43.0

88 14.9 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

8.55

400000

300000

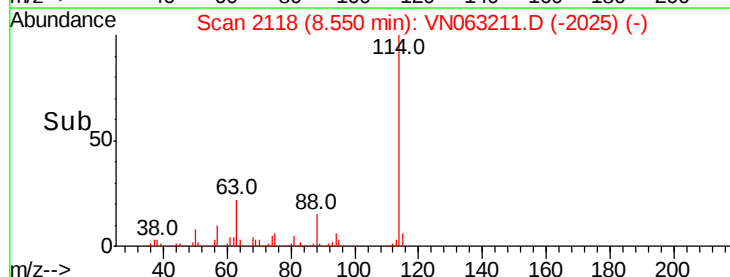
200000

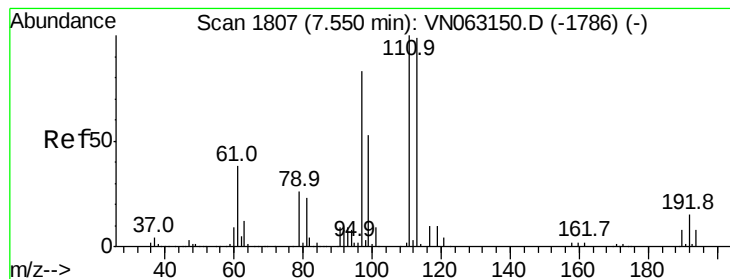
100000

0

Time-->

8.45 8.50 8.55 8.60 8.65





#35

Dibromofluoromethane

Concen: 48.885 ug/l

RT: 7.55 min Scan# 1806

Delta R.T. -0.00 min

Lab File: VN063211.D

Acq: 3 Sep 2020 11:30

Instrument :

MSVOA_N

ClientSampleId :

VN0903WBS01

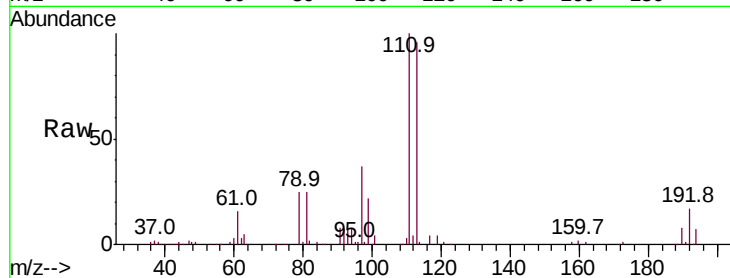
Tot Ion:113 Resp: 214660

Ion Ratio Lower Upper

113 100

111 103.3 80.7 121.1

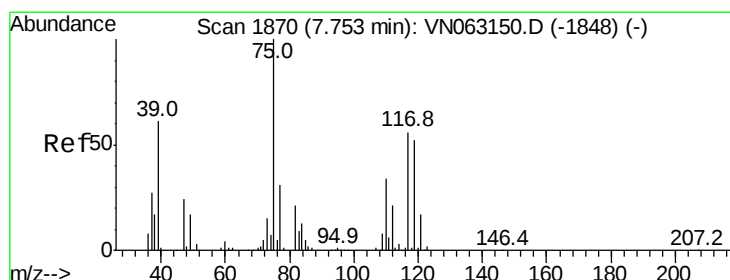
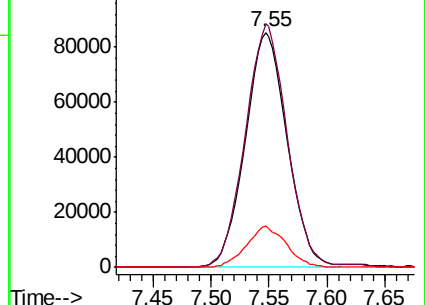
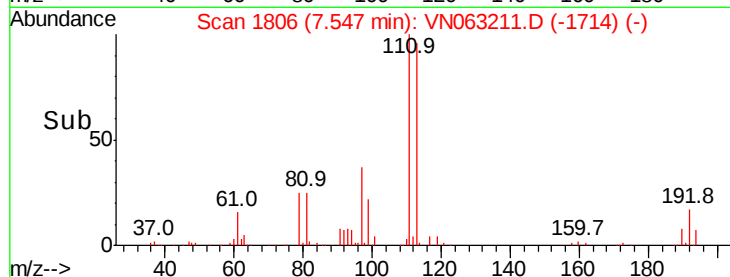
192 16.8 12.6 19.0



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: 18.503 ug/l

RT: 7.75 min Scan# 1869

Delta R.T. -0.00 min

Lab File: VN063211.D

Acq: 3 Sep 2020 11:30

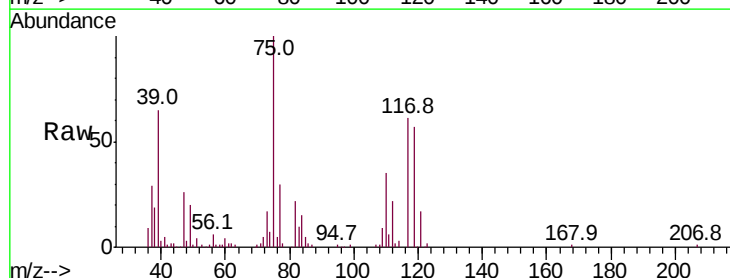
Tgt Ion: 75 Resp: 121747

Ion Ratio Lower Upper

75 100

110 35.4 16.6 49.8

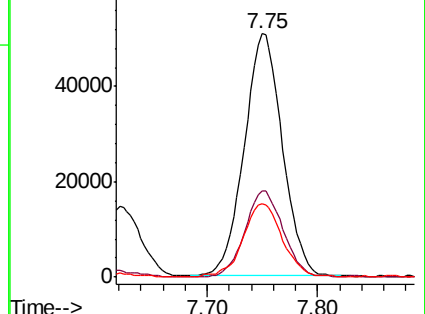
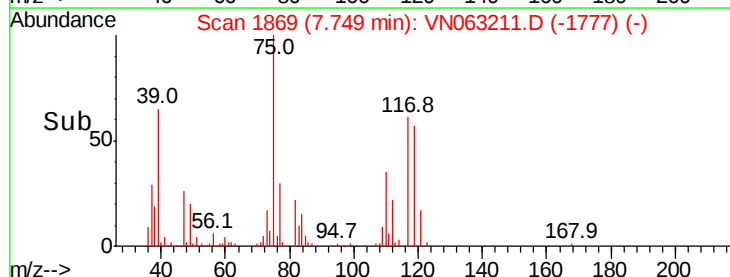
77 31.6 25.4 38.2

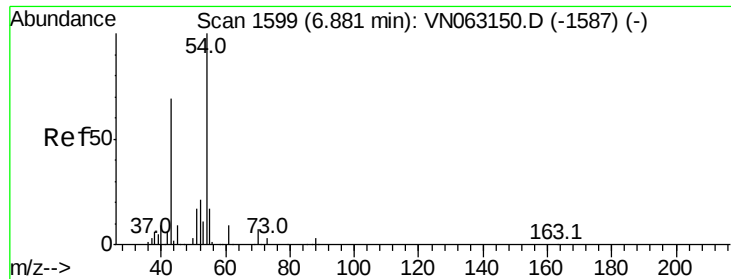


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0

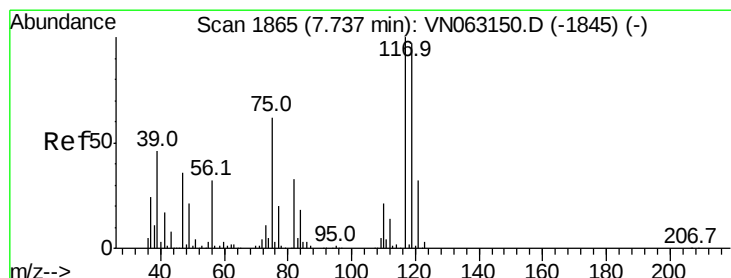
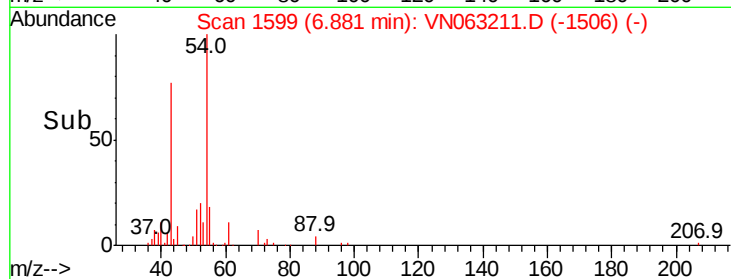
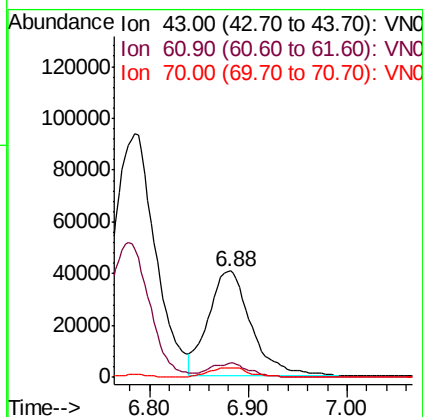
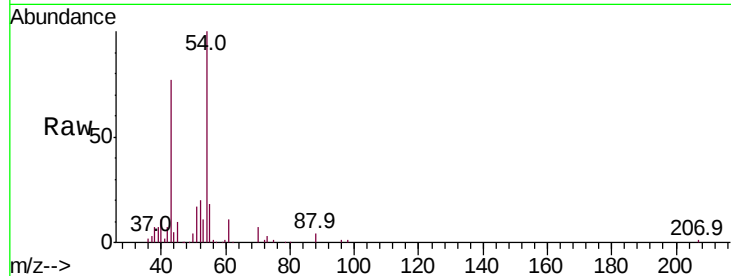




#37
Ethyl Acetate
Concen: 19.941 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN063211.D
Acq: 3 Sep 2020 11:30

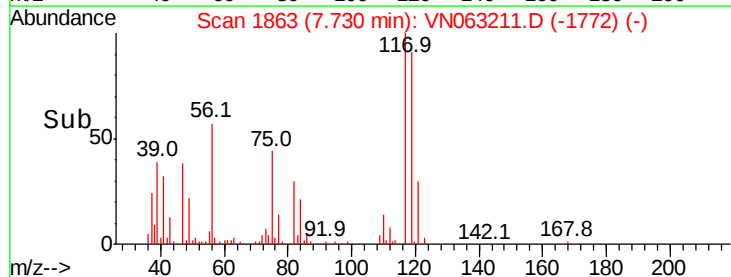
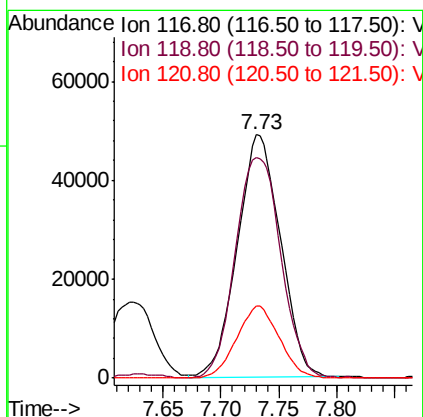
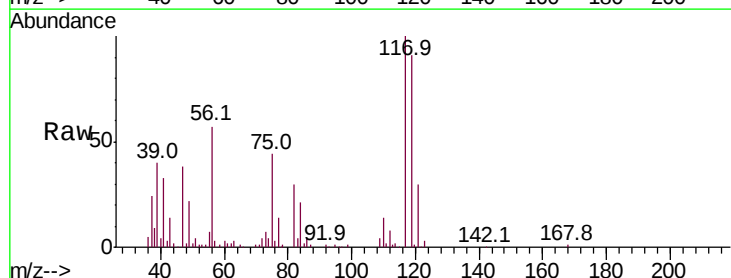
Instrument :
MSVOA_N
ClientSampleId :
VN0903WBS01

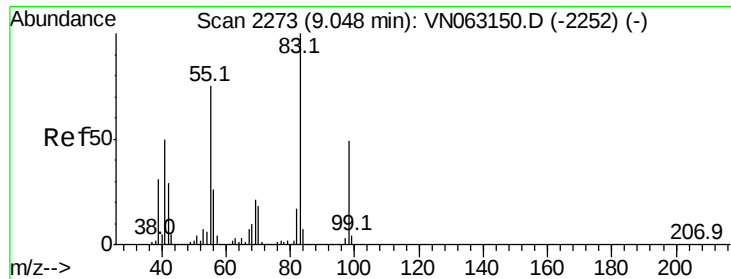
Tot Ion: 43 Resp: 122467
Ion Ratio Lower Upper
43 100
61 11.9 10.2 15.4
70 9.0 3.0 4.6#



#38
Carbon Tetrachloride
Concen: 18.989 ug/l
RT: 7.73 min Scan# 1863
Delta R.T. -0.01 min
Lab File: VN063211.D
Acq: 3 Sep 2020 11:30

Tgt Ion: 117 Resp: 126715
Ion Ratio Lower Upper
117 100
119 90.9 77.2 115.8
121 29.7 25.6 38.4

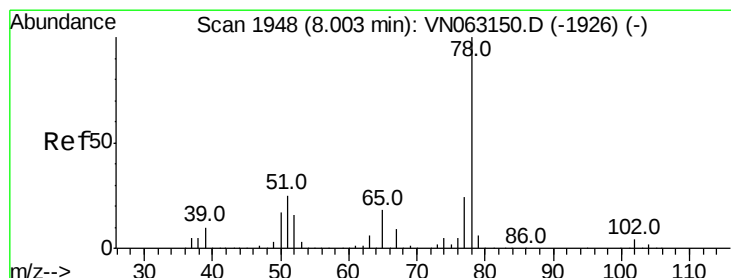
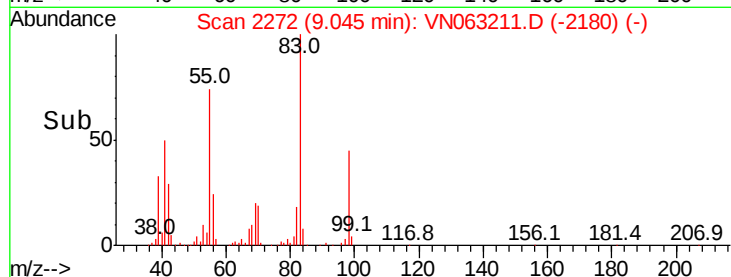
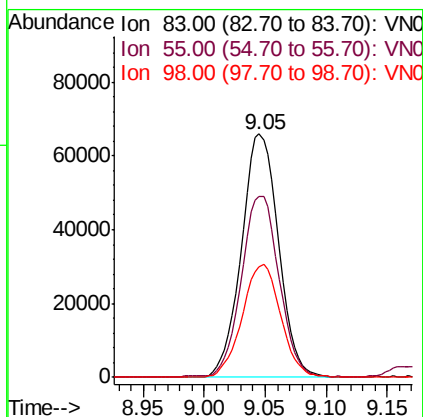
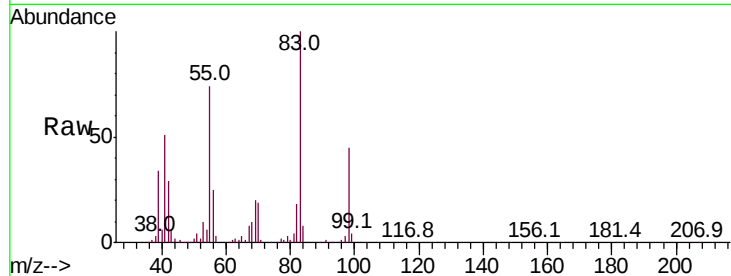




#39
Methvlcvclohexane
Concen: 18.698 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN063211.D
Acq: 3 Sep 2020 11:30

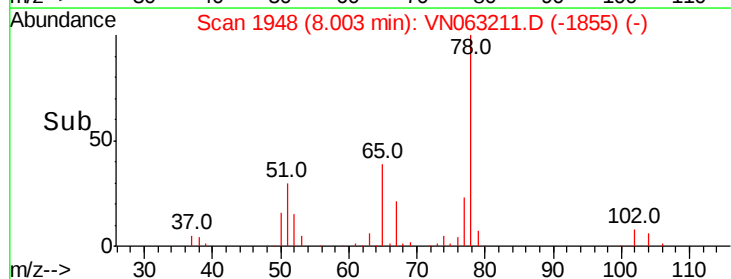
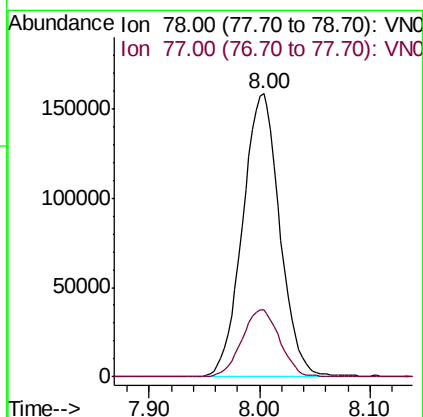
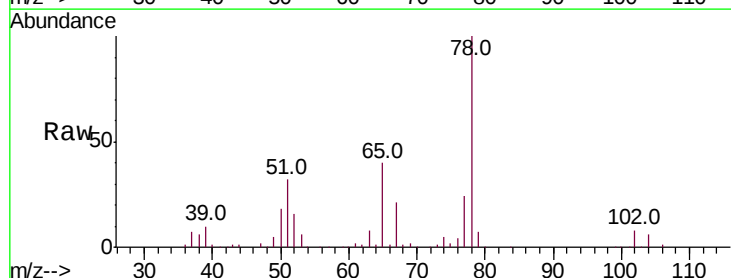
Instrument :
MSVOA_N
ClientSampleId :
VN0903WBS01

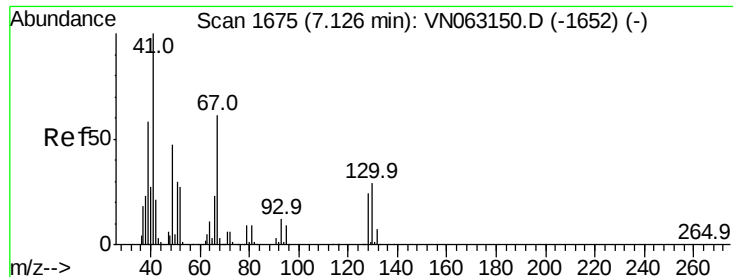
Tot Ion	83	Resp	138214
Ion Ratio	Lower	Upper	
83	100		
55	73.5	60.3	90.5
98	45.3	38.9	58.3



#40
Benzene
Concen: 19.119 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063211.D
Acq: 3 Sep 2020 11:30

Tgt Ion	78	Resp	369685
Ion Ratio	Lower	Upper	
78	100		
77	23.7	19.3	28.9

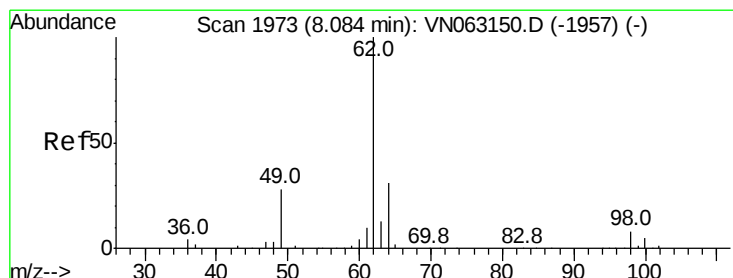
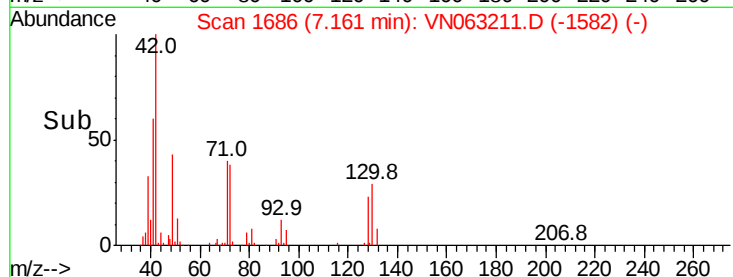
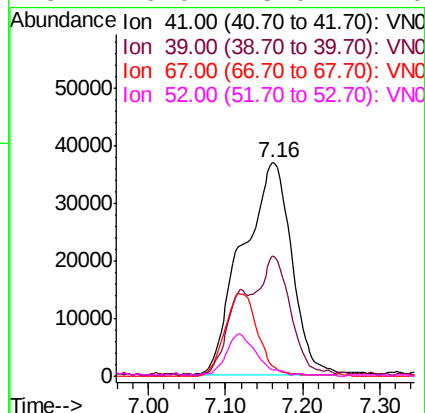
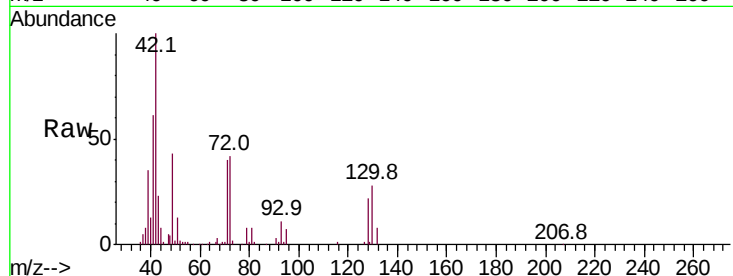




#41
Methacrylonitrile
Concen: 59.087 ug/l
RT: 7.16 min Scan# 1686
Delta R.T. 0.04 min
Lab File: VN063211.D
Acq: 3 Sep 2020 11:30

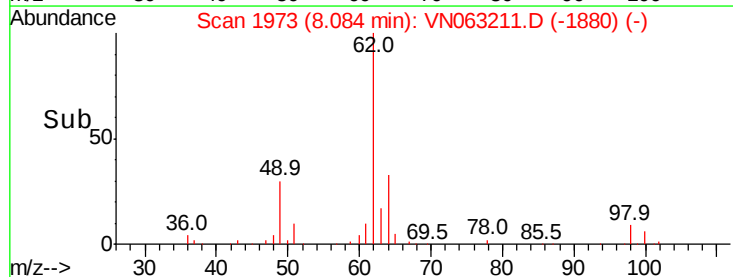
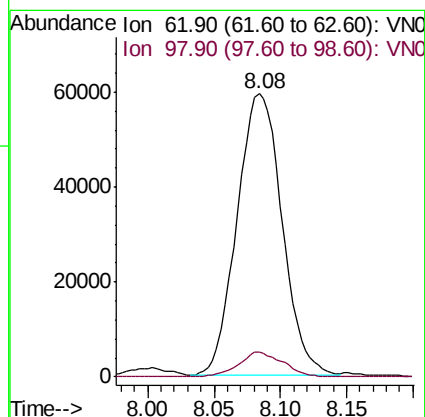
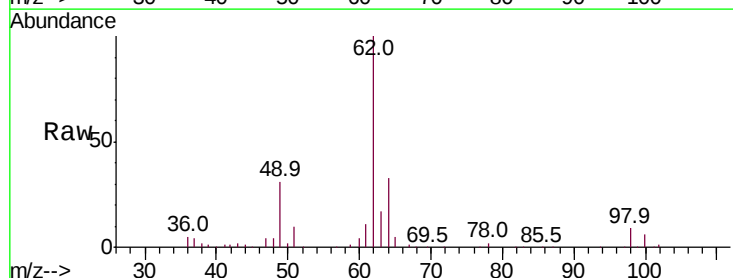
Instrument :
MSVOA_N
ClientSampleId :
VN0903WBS01

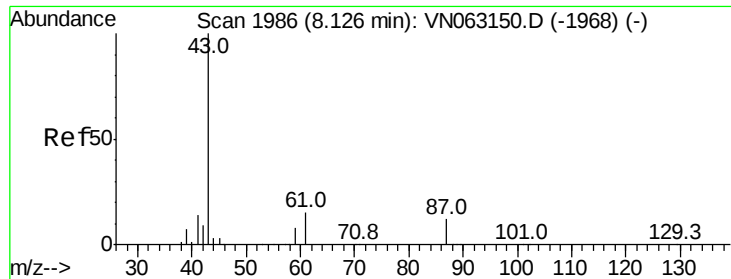
Tot Ion: 41 Resp: 163788
Ion Ratio Lower Upper
41 100
39 0.0 46.6 70.0#
67 0.0 62.6 94.0#
52 0.0 28.0 42.0#



#42
1,2-Dichloroethane
Concen: 19.419 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN063211.D
Acq: 3 Sep 2020 11:30

Tgt Ion: 62 Resp: 140264
Ion Ratio Lower Upper
62 100
98 8.7 0.0 17.2





#43

Isopropyl Acetate

Concen: 19.262 ug/l

RT: 8.12 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VN063211.D

Acq: 3 Sep 2020 11:30

Instrument :

MSVOA_N

ClientSampleId :

VN0903WBS01

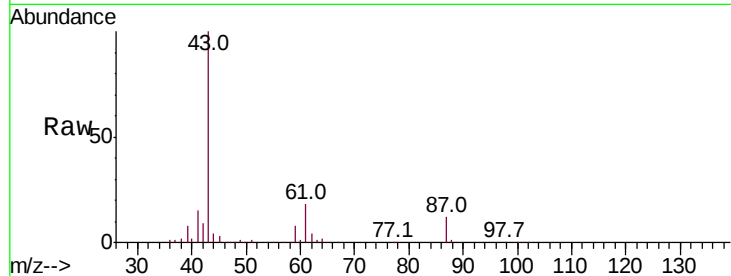
Tot Ion: 43 Resp: 206699

Ion Ratio Lower Upper

43 100

61 25.7 20.2 30.4

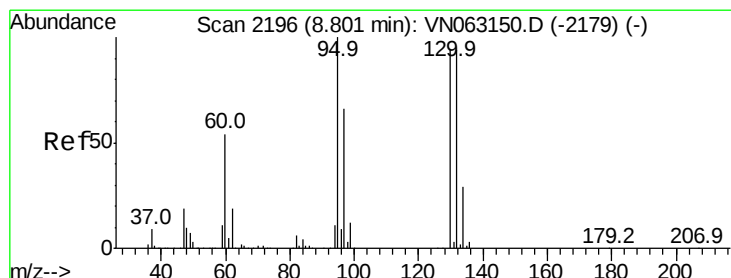
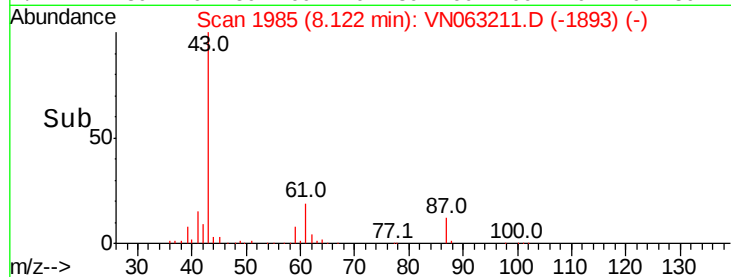
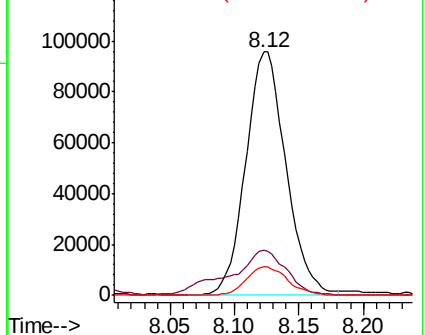
87 12.3 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VN063211.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN063211.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN063211.D (-1968) (-)



#44

Trichloroethene

Concen: 21.236 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN063211.D

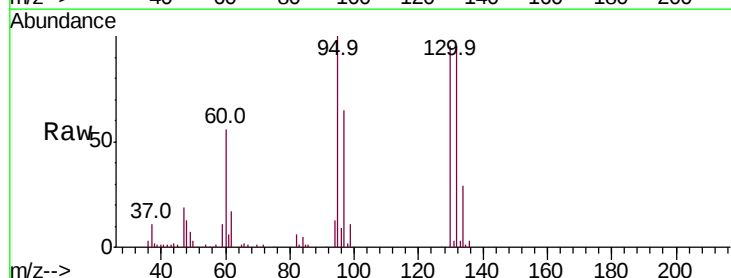
Acq: 3 Sep 2020 11:30

Tgt Ion:130 Resp: 99600

Ion Ratio Lower Upper

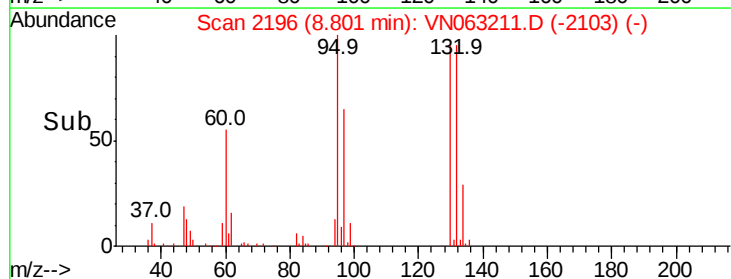
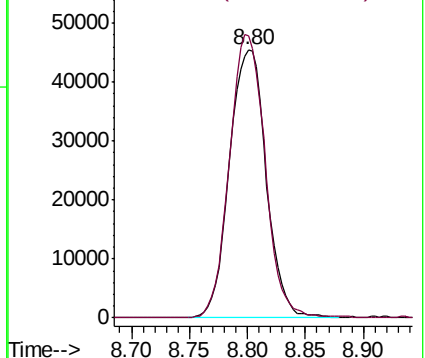
130 100

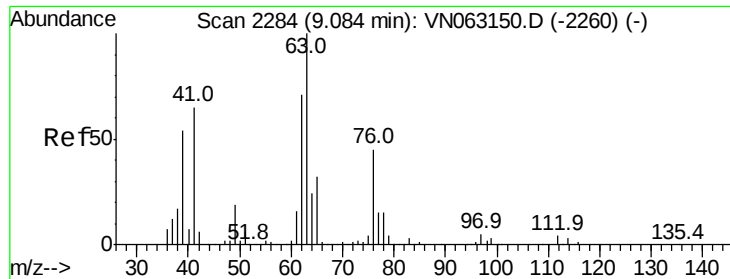
95 105.3 0.0 212.0



Abundance Ion 129.80 (129.50 to 130.50): VN063211.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN063211.D (-2179) (-)





#45

1,2-Dichloropropane

Concen: 18.916 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. 0.00 min

Lab File: VN063211.D

Acq: 3 Sep 2020 11:30

Instrument :

MSVOA_N

ClientSampleId :

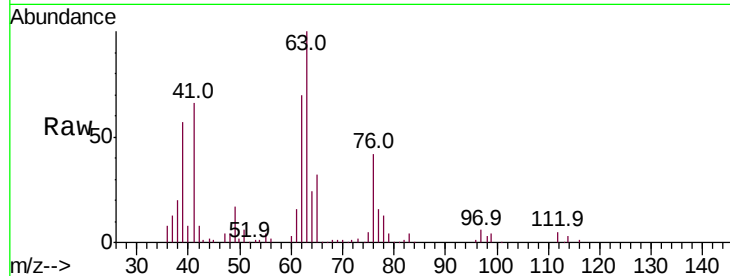
VN0903WBS01

Tot Ion: 63 Resp: 96844

Ion Ratio Lower Upper

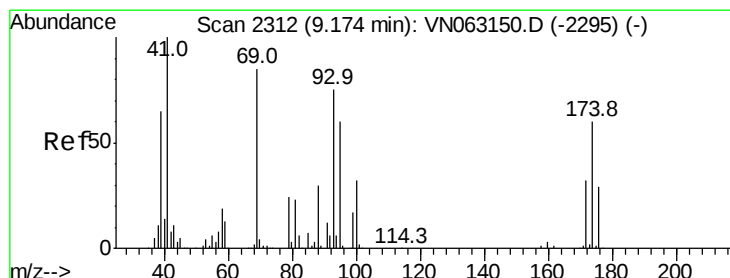
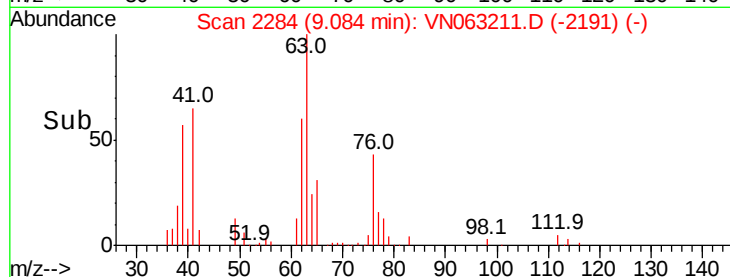
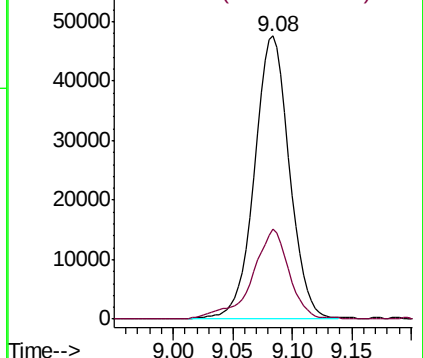
63 100

65 31.8 25.4 38.0



Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 64.90 (64.60 to 65.60): VNO



#46

Dibromomethane

Concen: 19.210 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN063211.D

Acq: 3 Sep 2020 11:30

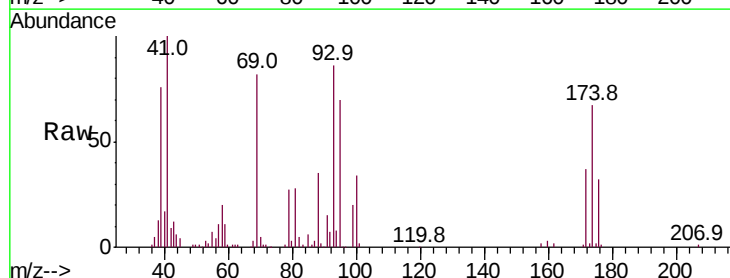
Tgt Ion: 93 Resp: 65175

Ion Ratio Lower Upper

93 100

95 84.2 65.2 97.8

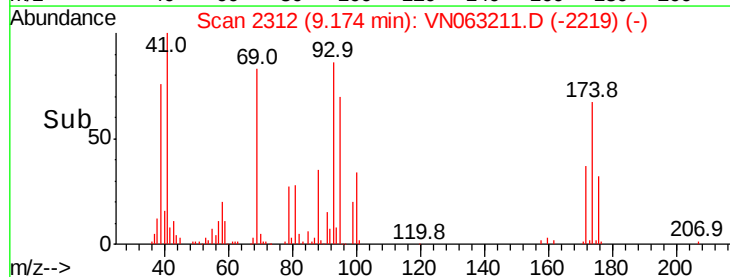
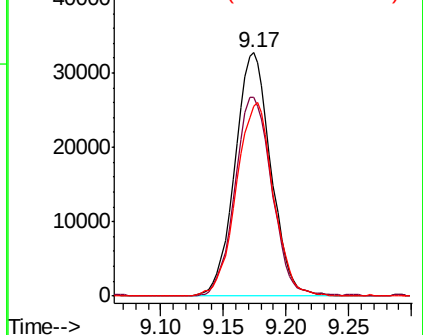
174 82.1 64.6 97.0

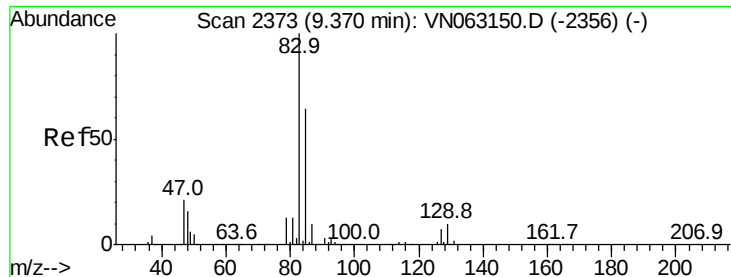


Abundance Ion 92.80 (92.50 to 93.50): VNO

Ion 94.80 (94.50 to 95.50): VNO

Ion 173.70 (173.40 to 174.40): VNO





#47

Bromodichloromethane

Concen: 18.783 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN063211.D

Acq: 3 Sep 2020 11:30

Instrument :

MSVOA_N

ClientSampleId :

VN0903WBS01

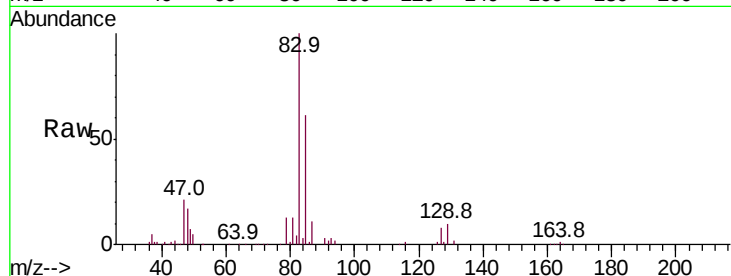
Tot Ion: 83 Resp: 136590

Ion Ratio Lower Upper

83 100

85 60.6 51.0 76.6

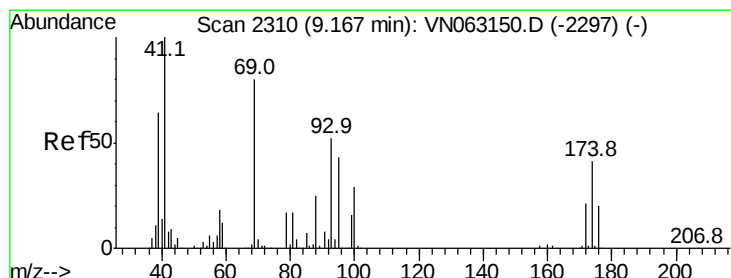
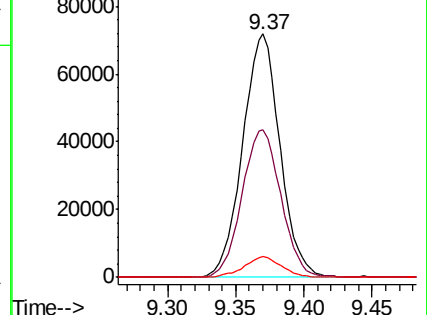
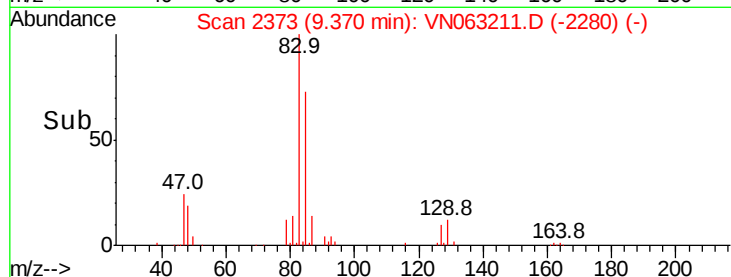
127 8.4 5.7 8.5



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 18.806 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN063211.D

Acq: 3 Sep 2020 11:30

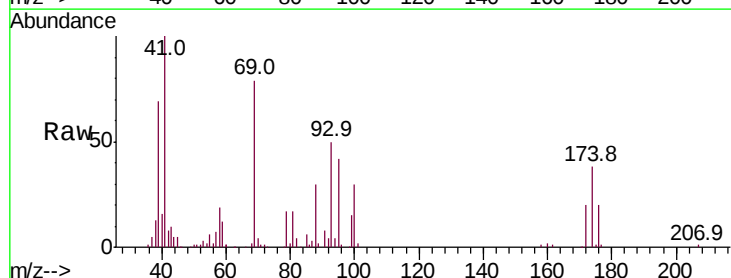
Tgt Ion: 41 Resp: 90974

Ion Ratio Lower Upper

41 100

69 83.3 65.9 98.9

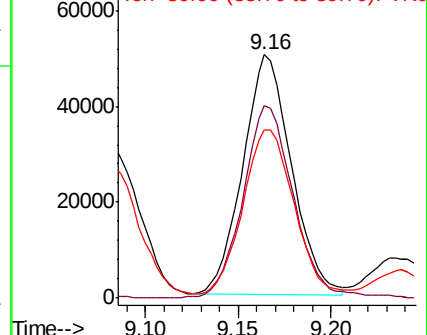
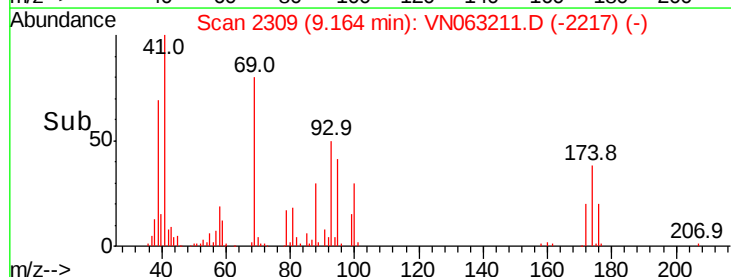
39 74.1 52.0 78.0

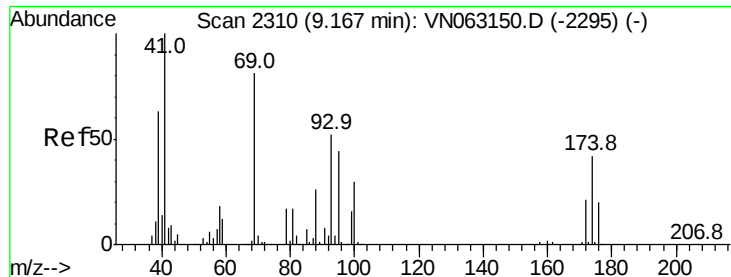


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

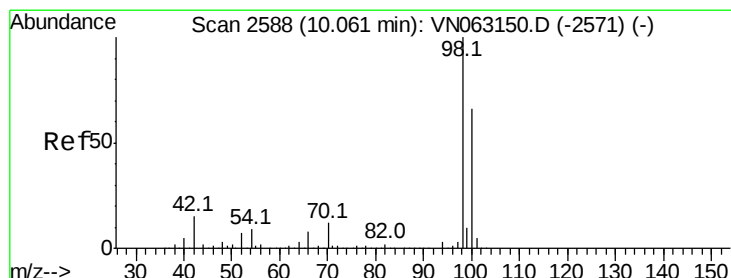
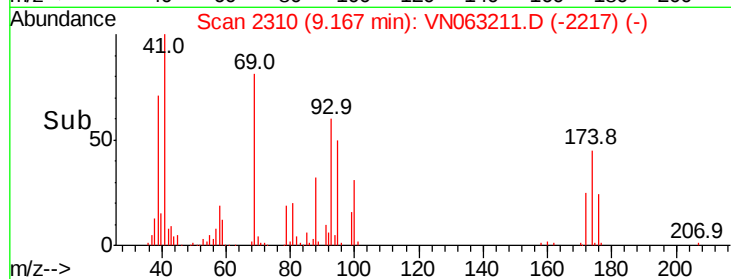
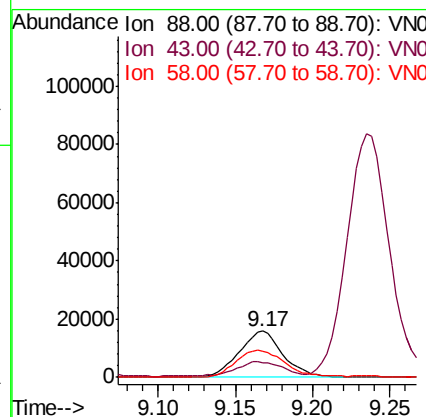
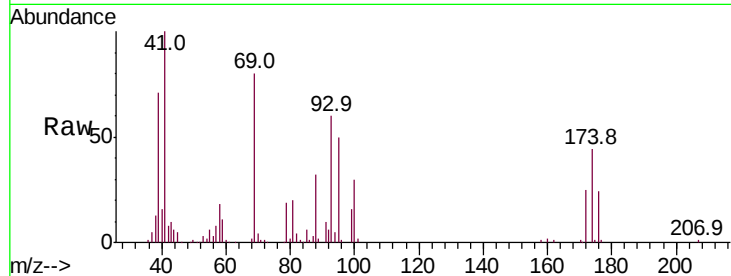




#49
1,4-Dioxane
Concen: 417.333 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN063211.D
Acq: 3 Sep 2020 11:30

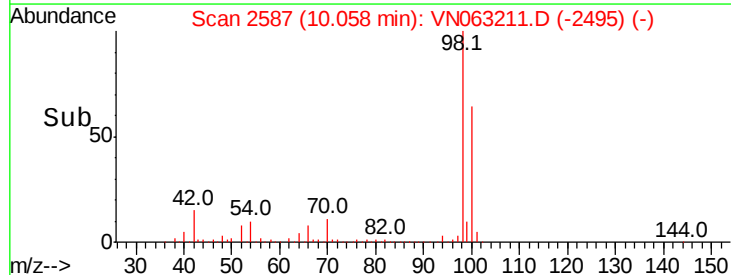
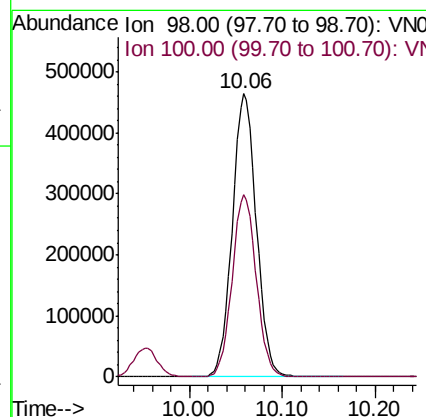
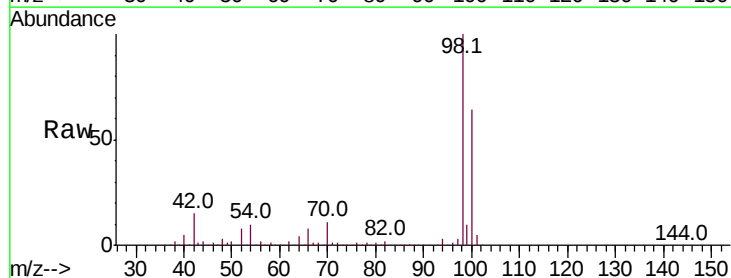
Instrument :
MSVOA_N
ClientSampled :
VN0903WBS01

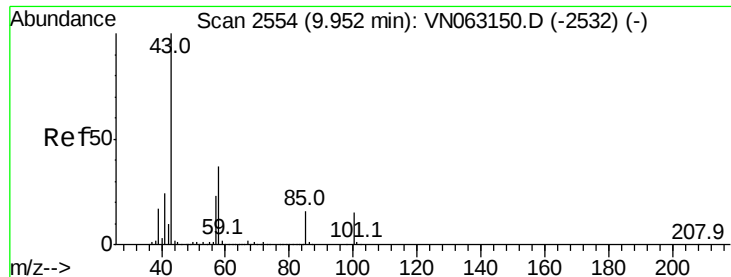
Tot Ion: 88 Resp: 31226
Ion Ratio Lower Upper
88 100
43 34.6 28.6 42.8
58 67.0 53.2 79.8



#50
Toluene-d8
Concen: 49.508 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN063211.D
Acq: 3 Sep 2020 11:30

Tgt Ion: 98 Resp: 836755
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 102.433 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN063211.D

Acq: 3 Sep 2020 11:30

Instrument :

MSVOA_N

ClientSampleId :

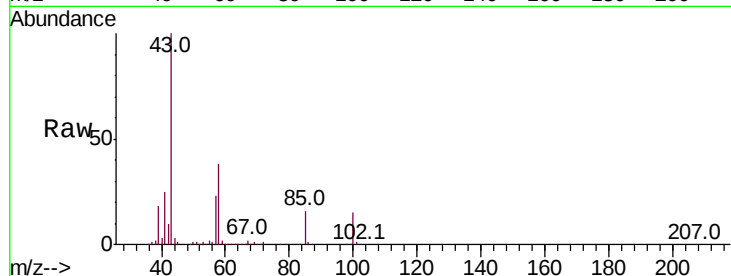
VN0903WBS01

Tot Ion: 43 Resp: 597319

Ion Ratio Lower Upper

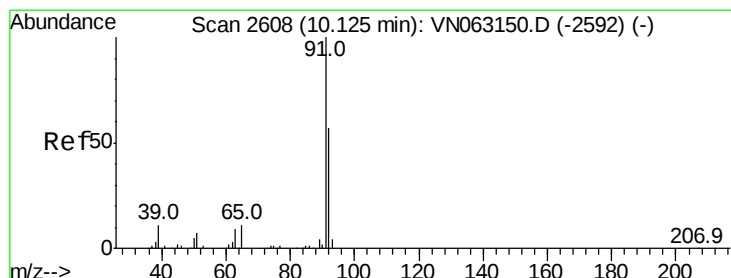
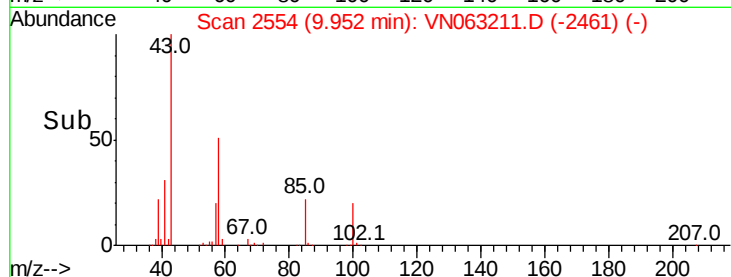
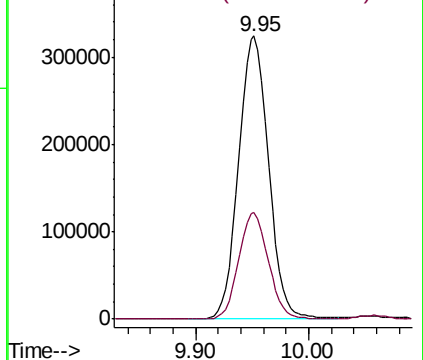
43 100

58 37.3 29.2 43.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 19.430 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN063211.D

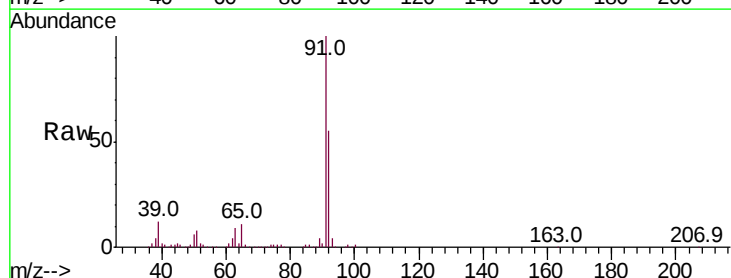
Acq: 3 Sep 2020 11:30

Tgt Ion: 92 Resp: 234038

Ion Ratio Lower Upper

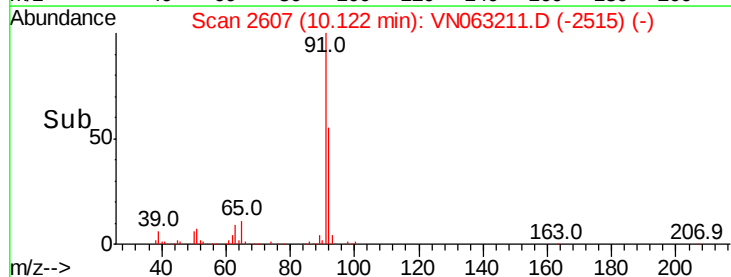
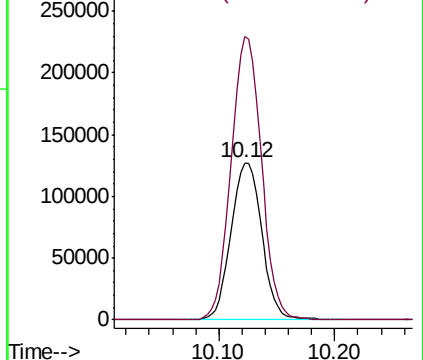
92 100

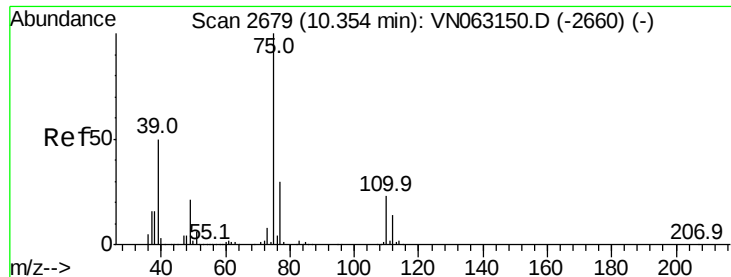
91 177.5 141.2 211.8



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 18.176 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN063211.D

Acq: 3 Sep 2020 11:30

Instrument :

MSVOA_N

ClientSampleId :

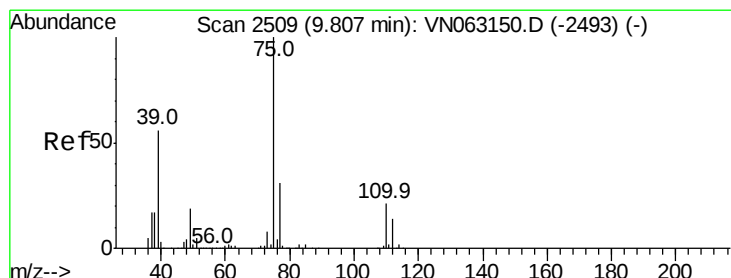
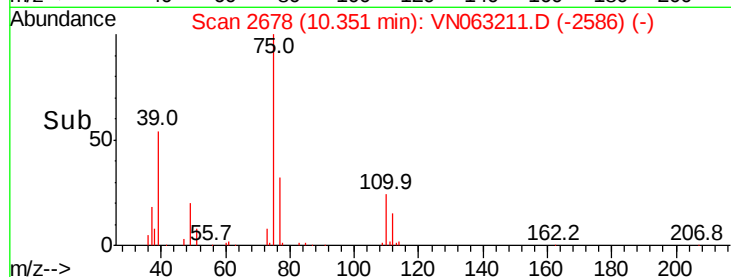
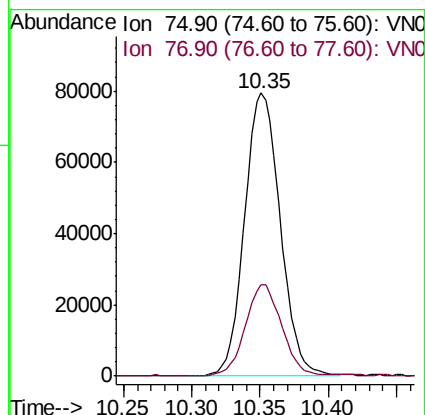
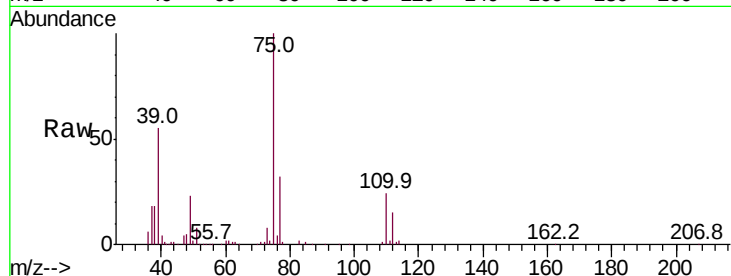
VN0903WBS01

Tot Ion: 75 Resp: 144587

Ion Ratio Lower Upper

75 100

77 32.0 24.2 36.2



#54

cis-1,3-Dichloropropene

Concen: 18.579 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN063211.D

Acq: 3 Sep 2020 11:30

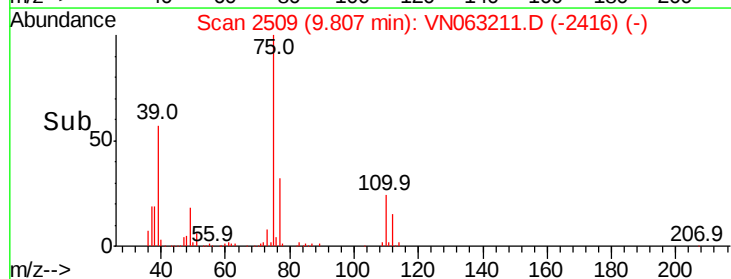
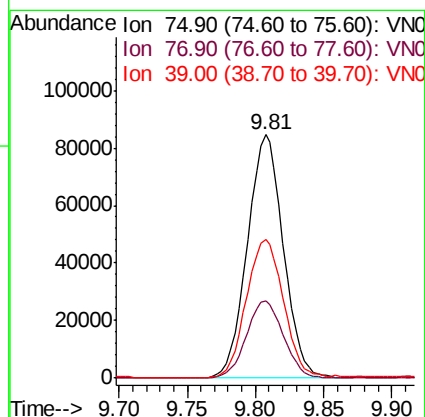
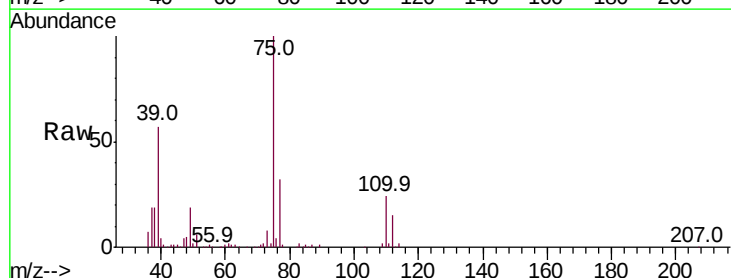
Tgt Ion: 75 Resp: 155130

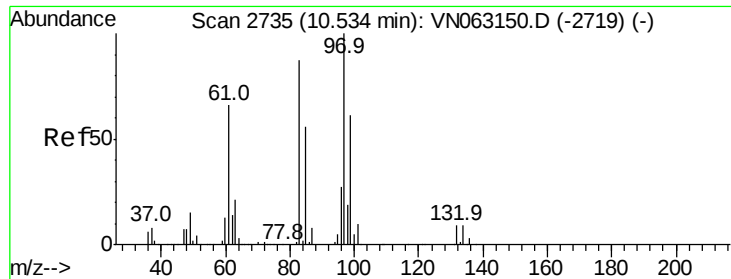
Ion Ratio Lower Upper

75 100

77 31.7 24.8 37.2

39 56.7 45.0 67.6

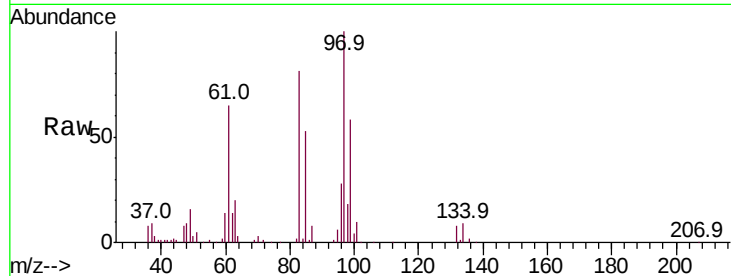




#55
 1,1,2-Trichloroethane
 Concen: 20.269 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN063211.D
 Acq: 3 Sep 2020 11:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0903WBS01

Tot Ion:	97	Resp:	93501
Ion	Ratio	Lower	Upper
97	100		
83	80.7	69.8	104.8
85	53.3	44.9	67.3
99	58.1	48.8	73.2



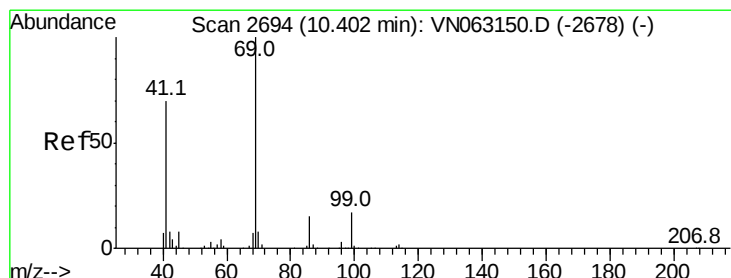
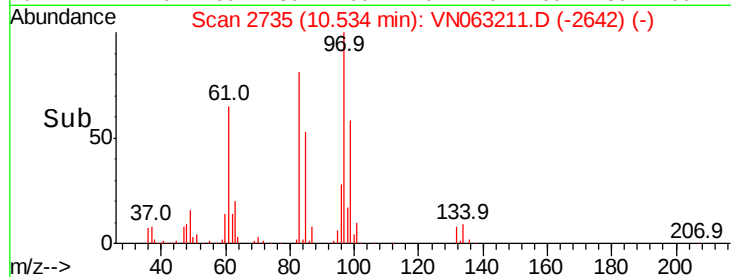
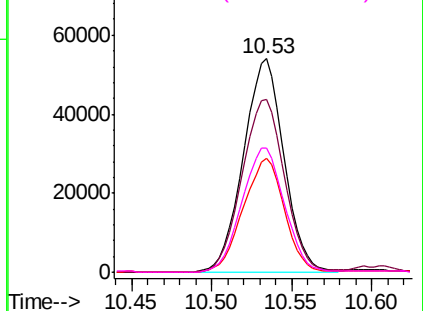
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

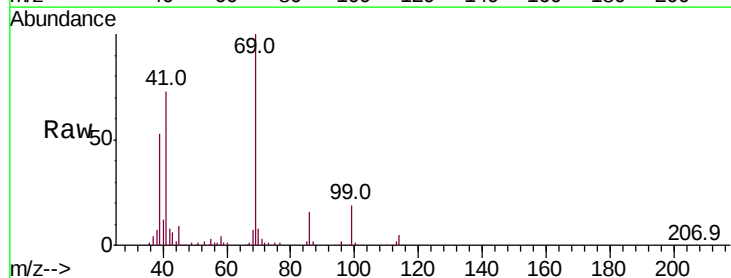
Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56
 Ethyl methacrylate
 Concen: 18.040 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN063211.D
 Acq: 3 Sep 2020 11:30

Tgt Ion:	69	Resp:	126647
Ion	Ratio	Lower	Upper
69	100		
41	72.7	55.5	83.3
39	50.9	38.2	57.2

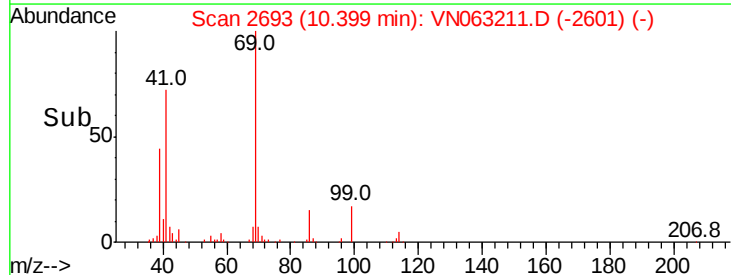
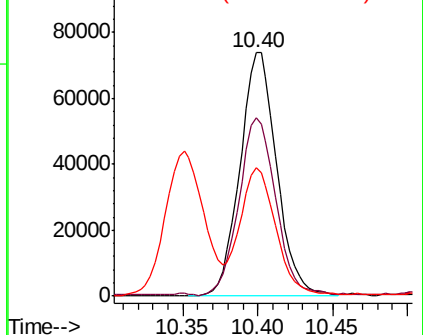


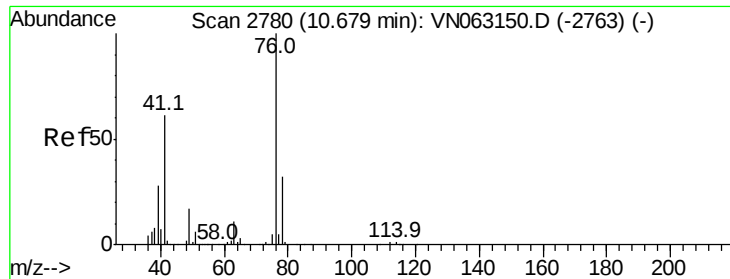
Abundance

Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

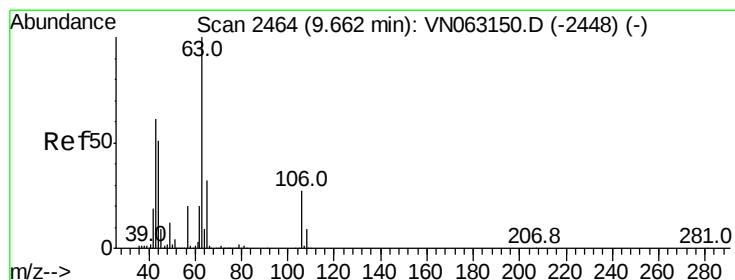
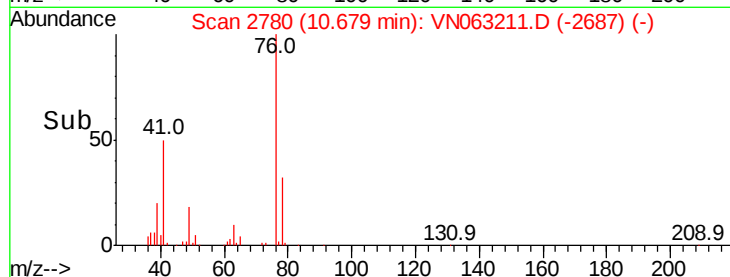
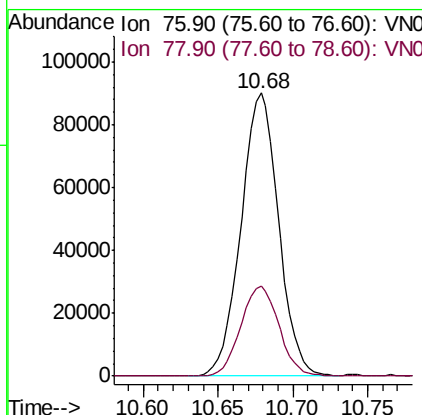
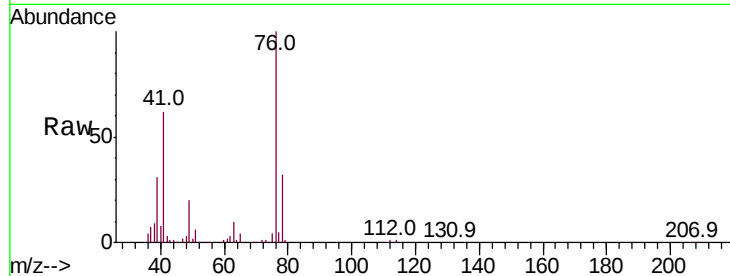




#57
 1,3-Dichloropropane
 Concen: 19.161 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN063211.D
 Acq: 3 Sep 2020 11:30

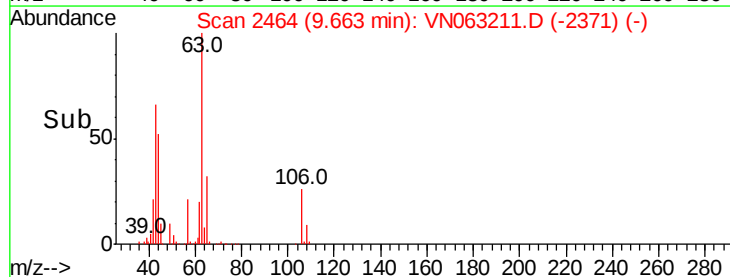
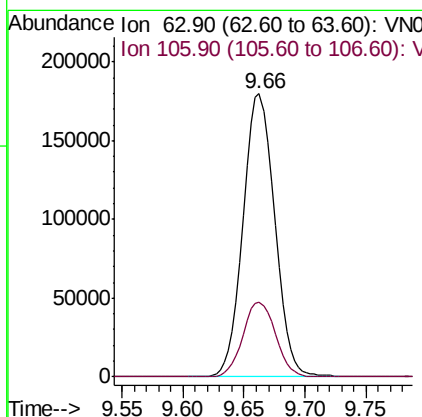
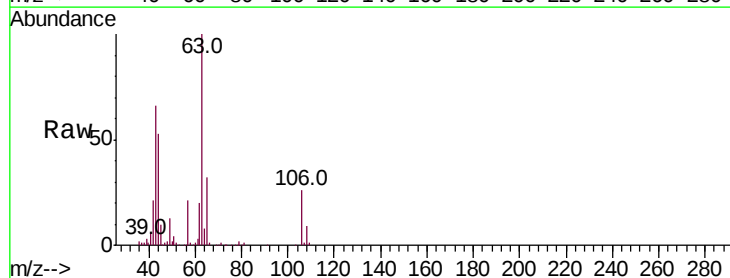
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0903WBS01

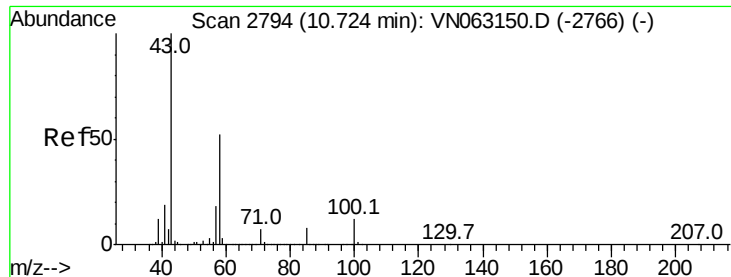
Tot Ion: 76 Resp: 157463
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 88.597 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN063211.D
 Acq: 3 Sep 2020 11:30

Tgt Ion: 63 Resp: 322079
 Ion Ratio Lower Upper
 63 100
 106 27.4 21.8 32.6

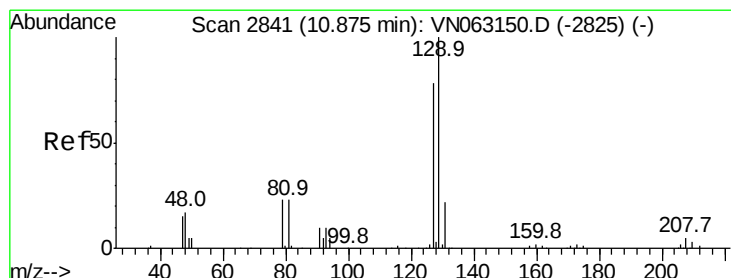
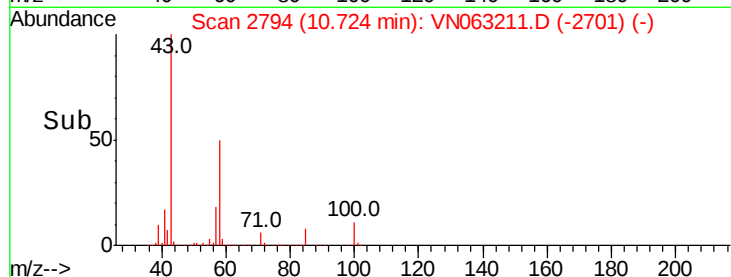
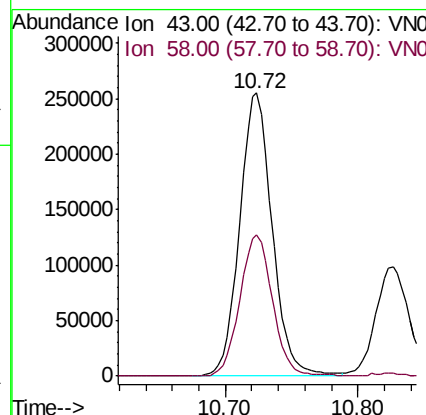
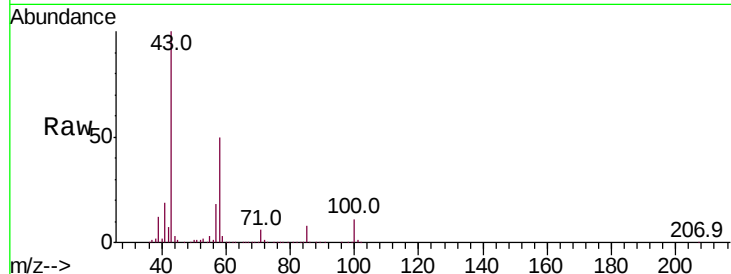




#59
2-Hexanone
Concen: 105.365 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063211.D
Acq: 3 Sep 2020 11:30

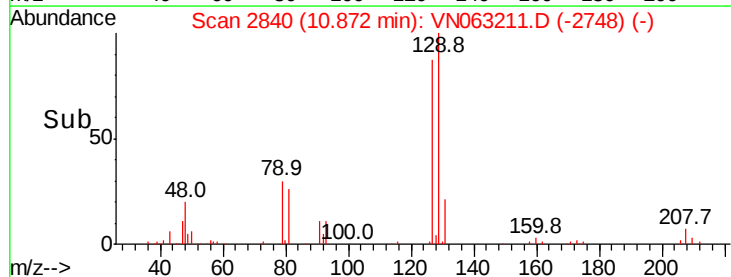
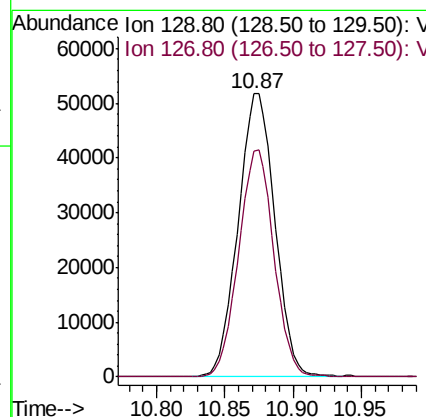
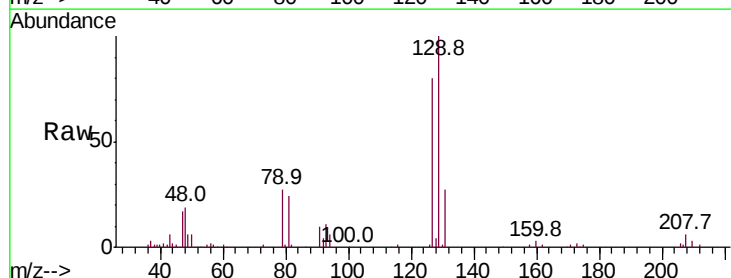
Instrument :
MSVOA_N
ClientSampled :
VN0903WBS01

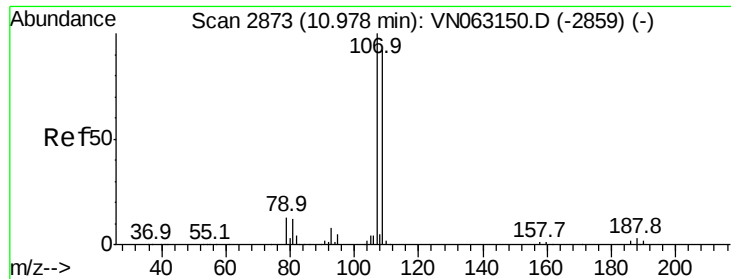
Tot Ion: 43 Resp: 431803
Ion Ratio Lower Upper
43 100
58 50.7 25.9 77.8



#60
Dibromochloromethane
Concen: 18.991 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN063211.D
Acq: 3 Sep 2020 11:30

Tgt Ion: 129 Resp: 96851
Ion Ratio Lower Upper
129 100
127 76.9 39.0 117.0

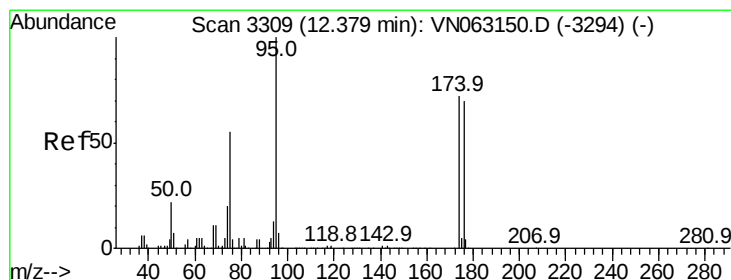
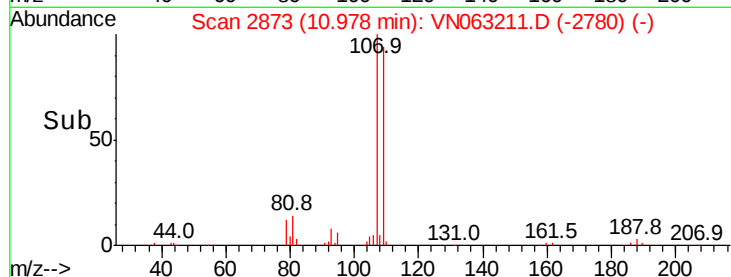
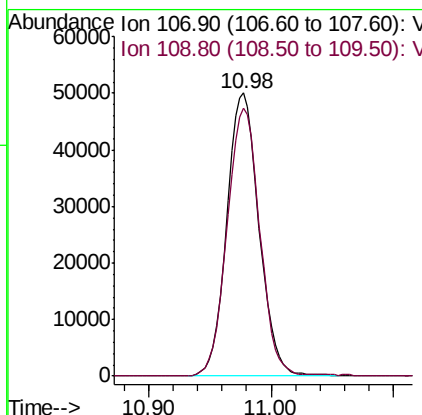
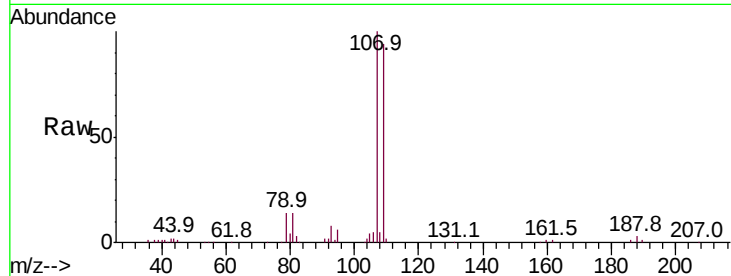




#61
 1,2-Dibromoethane
 Concen: 19.286 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN063211.D
 Acq: 3 Sep 2020 11:30

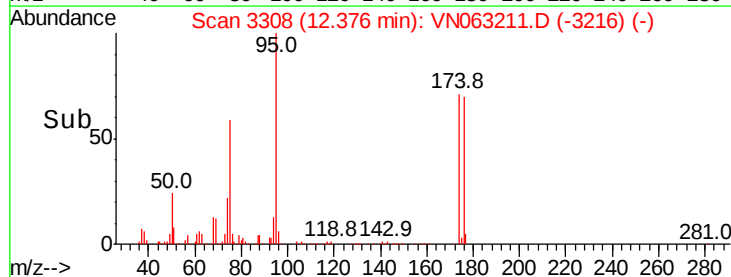
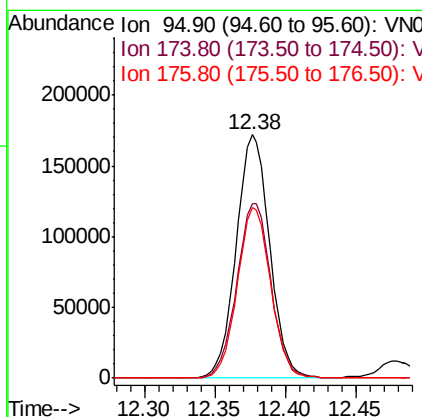
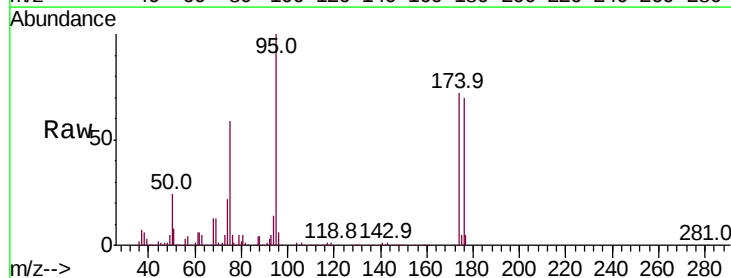
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0903WBS01

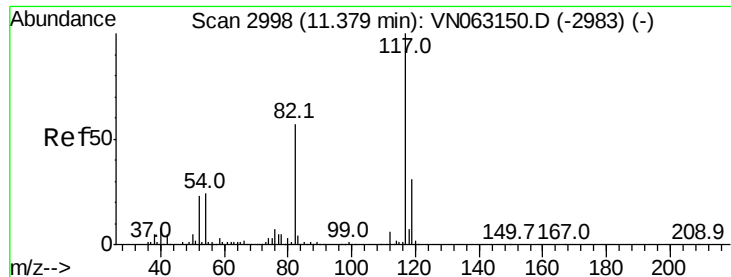
Tot Ion:107 Resp: 92482
 Ion Ratio Lower Upper
 107 100
 109 95.5 73.4 110.0



#62
 4-Bromofluorobenzene
 Concen: 48.437 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN063211.D
 Acq: 3 Sep 2020 11:30

Tgt Ion: 95 Resp: 286370
 Ion Ratio Lower Upper
 95 100
 174 73.4 0.0 143.8
 176 70.0 0.0 138.4

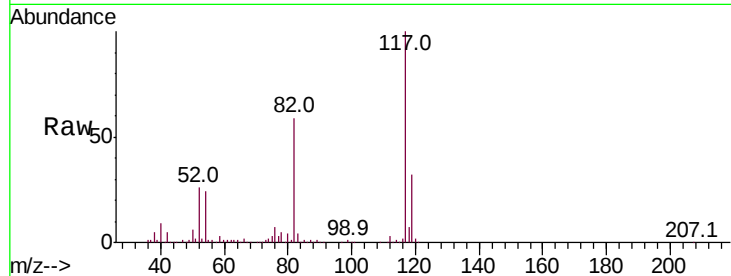




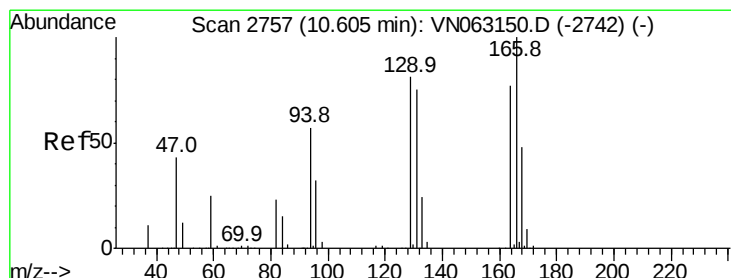
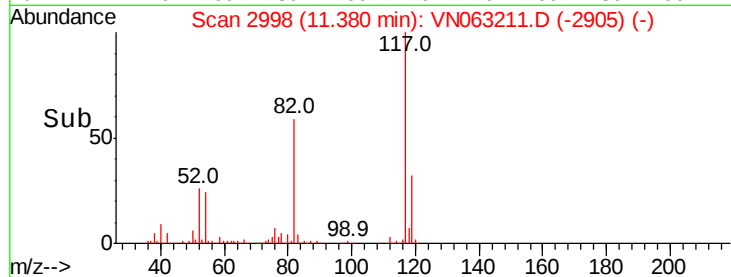
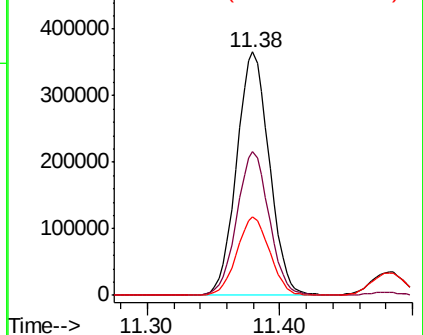
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063211.D
Acq: 3 Sep 2020 11:30

Instrument :
MSVOA_N
ClientSampleId :
VN0903WBS01

Tot Ion:117 Resp: 627105
Ion Ratio Lower Upper
117 100
82 58.8 45.4 68.0
119 32.3 24.6 37.0

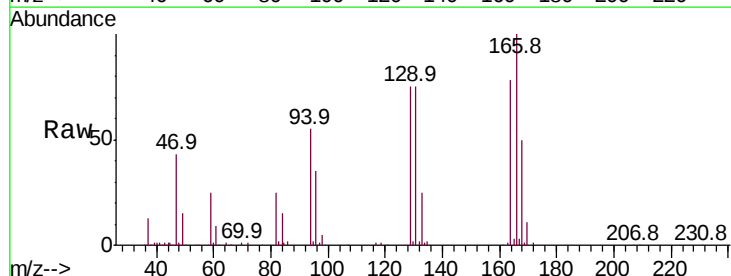


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

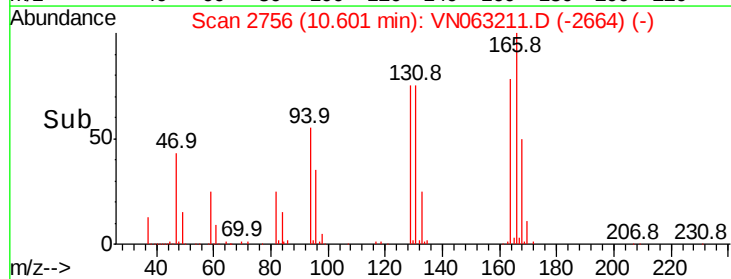
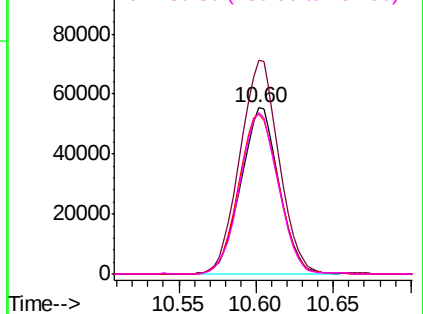


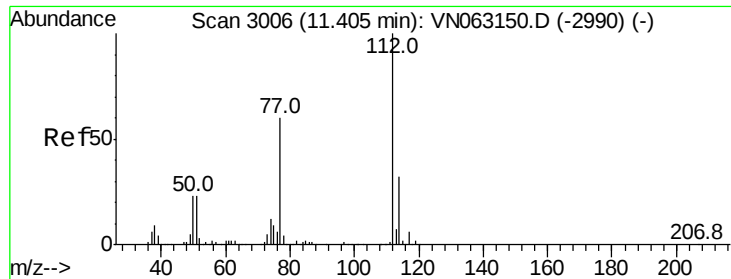
#64
Tetrachloroethene
Concen: 21.242 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063211.D
Acq: 3 Sep 2020 11:30

Tgt Ion:164 Resp: 95657
Ion Ratio Lower Upper
164 100
166 128.4 103.4 155.2
129 96.6 83.4 125.0
131 96.9 77.8 116.8



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

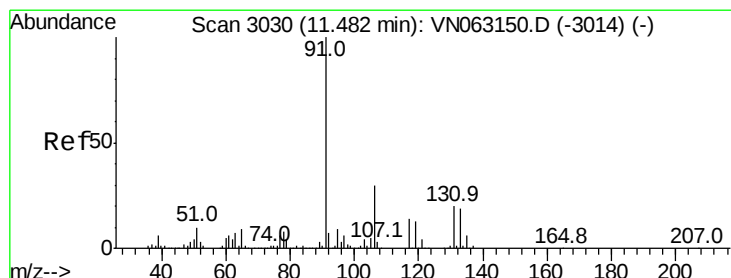
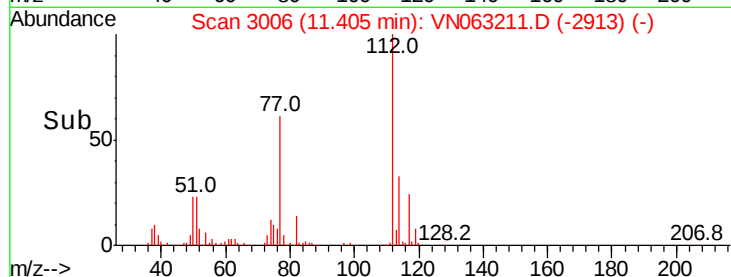
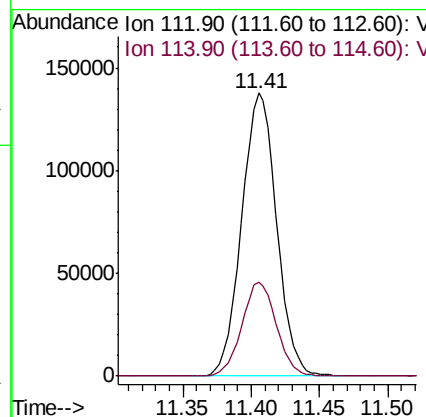
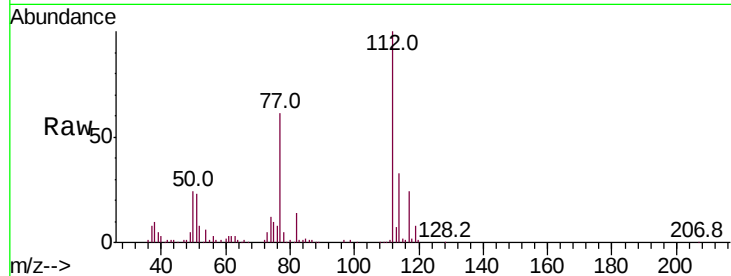




#65
Chlorobenzene
Concen: 19.363 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN063211.D
Acq: 3 Sep 2020 11:30

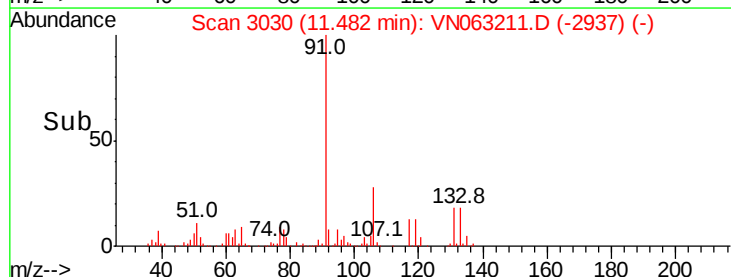
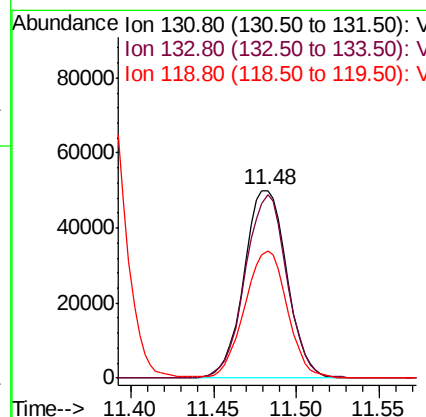
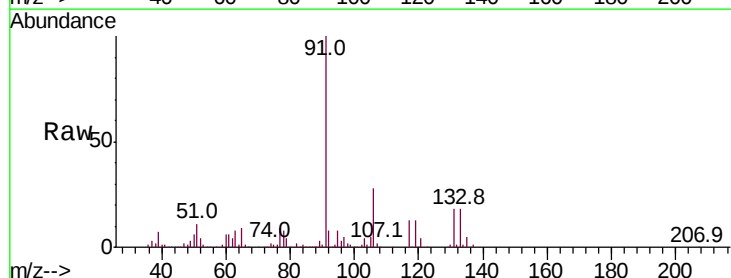
Instrument :
MSVOA_N
ClientSampleId :
VN0903WBS01

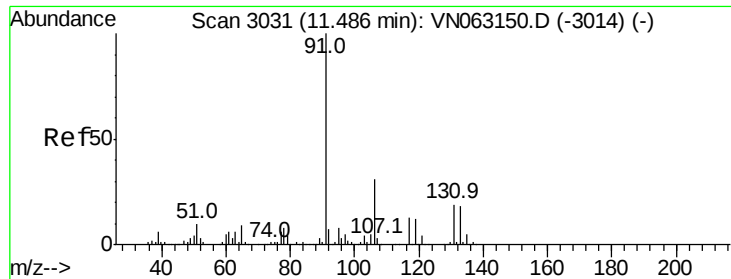
Tot Ion:112 Resp: 244571
Ion Ratio Lower Upper
112 100
114 33.3 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.177 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063211.D
Acq: 3 Sep 2020 11:30

Tgt Ion:131 Resp: 89928
Ion Ratio Lower Upper
131 100
133 95.9 47.3 142.0
119 67.5 32.4 97.0

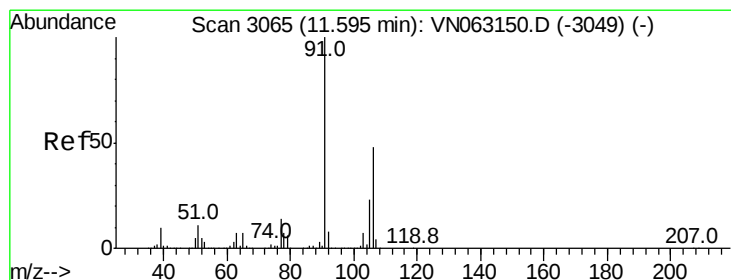
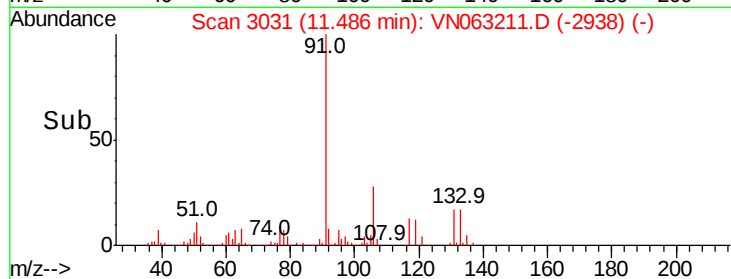
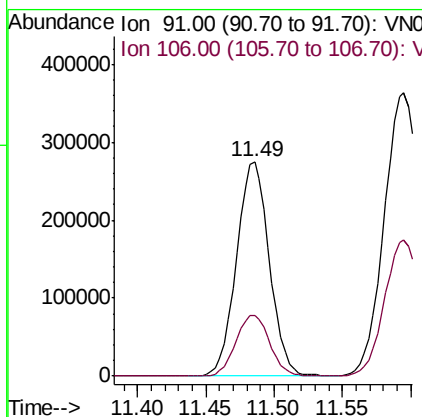
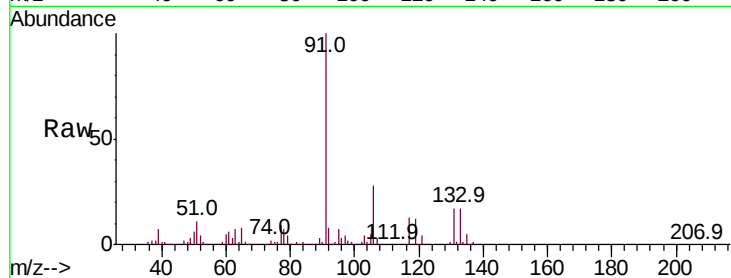




#67
Ethyl Benzene
Concen: 19.894 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN063211.D
Acq: 3 Sep 2020 11:30

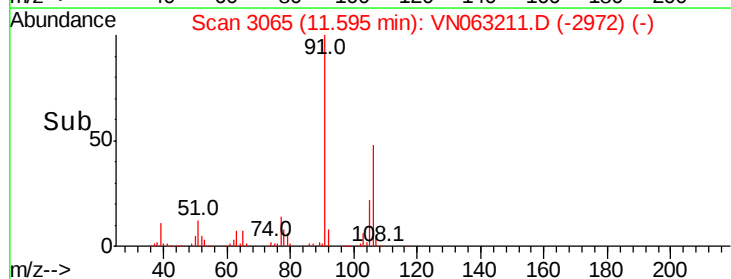
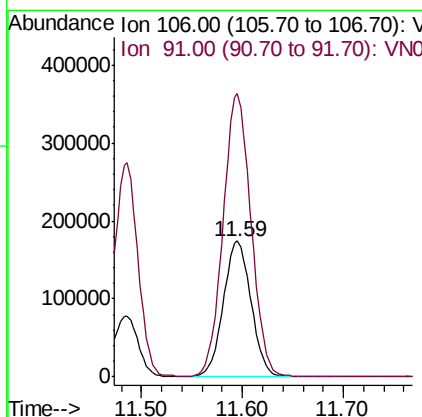
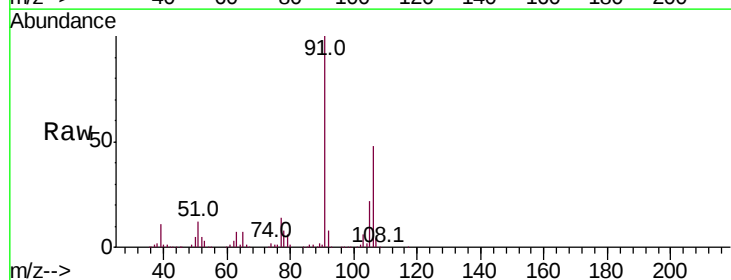
Instrument :
MSVOA_N
ClientSampled :
VN0903WBS01

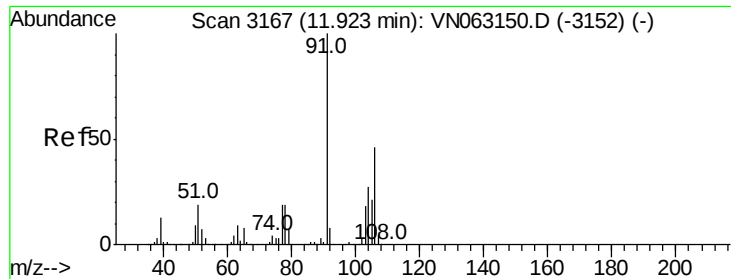
Tot Ion: 91 Resp: 458387
Ion Ratio Lower Upper
91 100
106 28.4 24.4 36.6



#68
m/p-Xylenes
Concen: 39.239 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN063211.D
Acq: 3 Sep 2020 11:30

Tgt Ion: 106 Resp: 334869
Ion Ratio Lower Upper
106 100
91 209.2 166.7 250.1

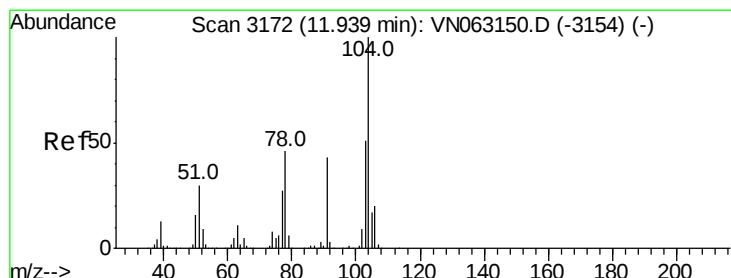
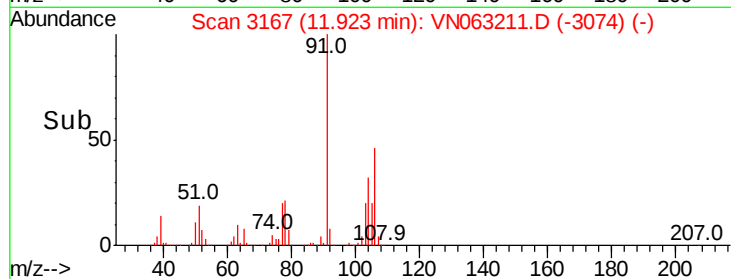
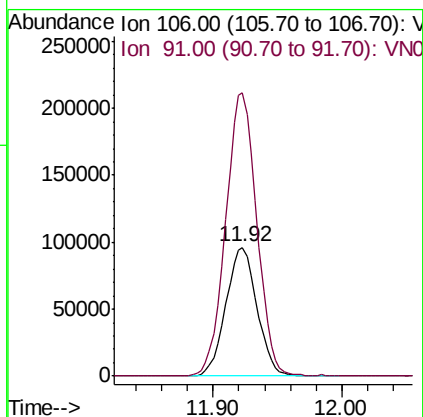
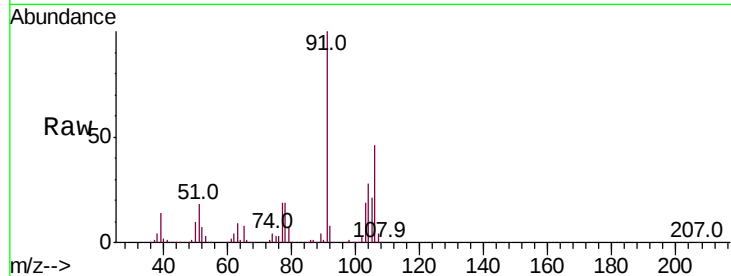




#69
o-Xylene
Concen: 19.489 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063211.D
Acq: 3 Sep 2020 11:30

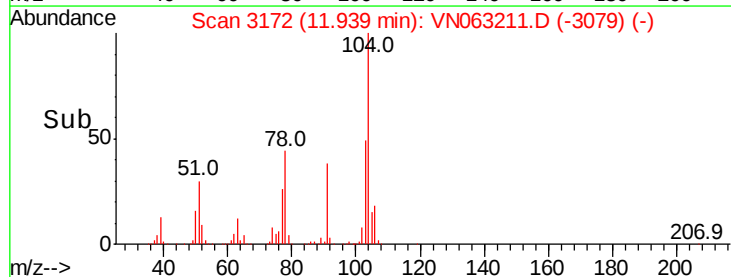
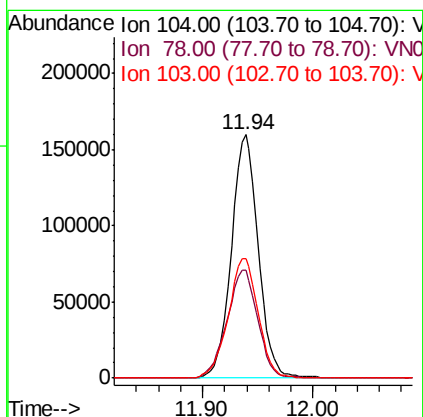
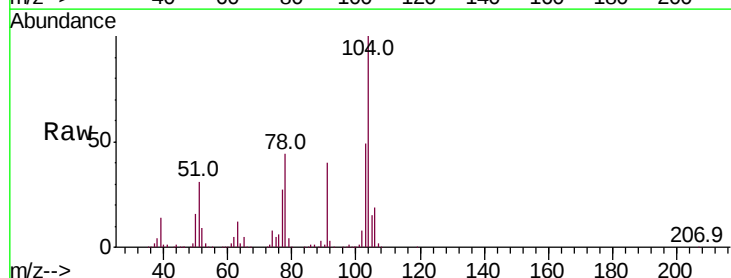
Instrument :
MSVOA_N
ClientSampleId :
VN0903WBS01

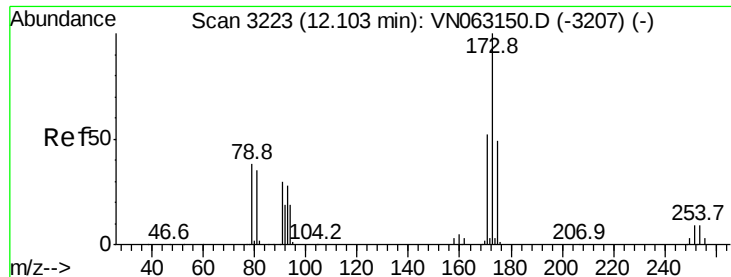
Tot Ion:106 Resp: 160672
Ion Ratio Lower Upper
106 100
91 220.4 108.6 325.6



#70
Styrene
Concen: 19.074 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN063211.D
Acq: 3 Sep 2020 11:30

Tgt Ion:104 Resp: 270255
Ion Ratio Lower Upper
104 100
78 50.8 41.0 61.6
103 54.9 43.8 65.8





#71

Bromoform

Concen: 18.065 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN063211.D

Acq: 3 Sep 2020 11:30

Instrument :

MSVOA_N

ClientSampleId :

VN0903WBS01

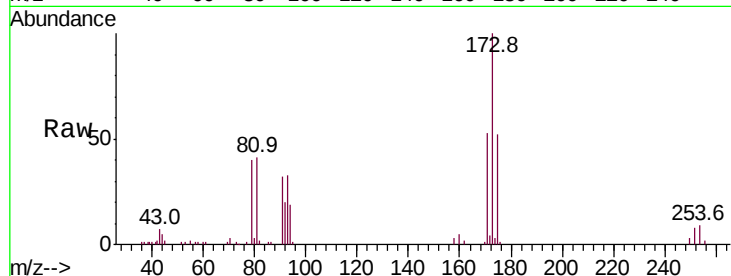
Tot Ion:173 Resp: 57491

Ion Ratio Lower Upper

173 100

175 49.9 24.6 73.8

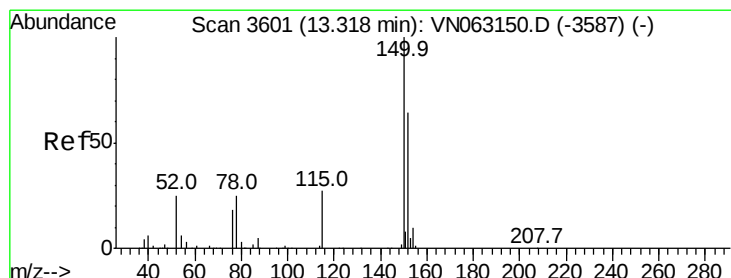
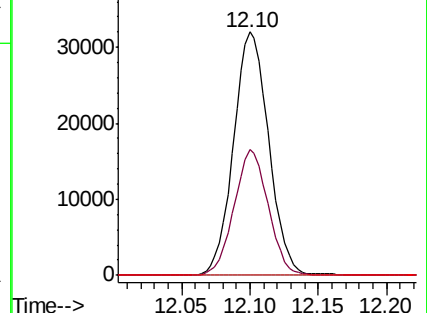
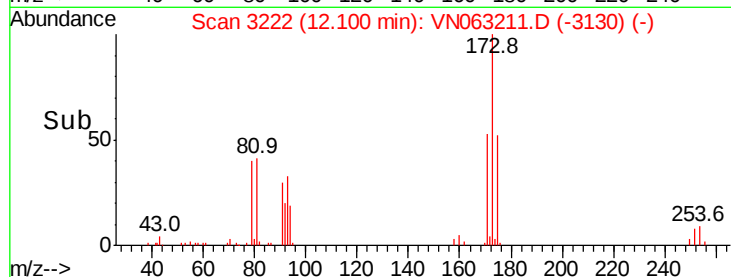
254 0.0 0.0 0.0



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: VN063211.D

Acq: 3 Sep 2020 11:30

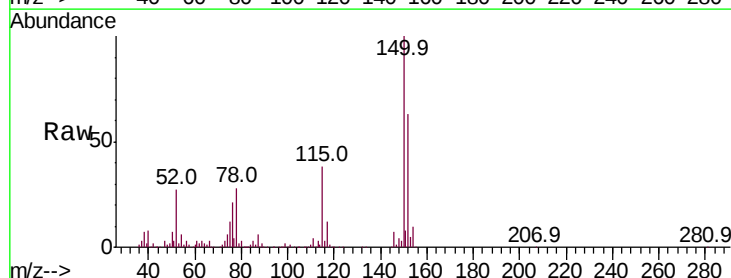
Tgt Ion:152 Resp: 296485

Ion Ratio Lower Upper

152 100

115 61.1 32.0 96.2

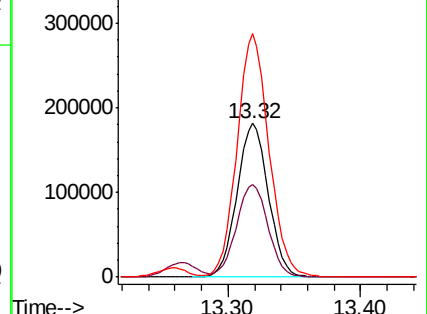
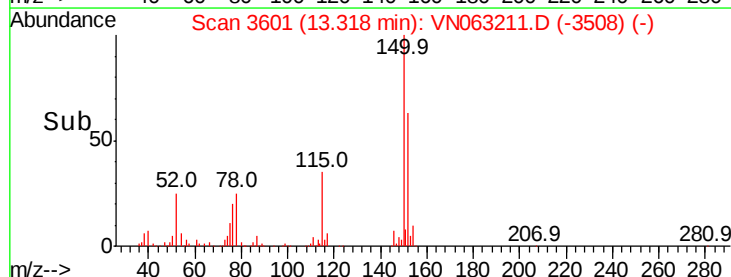
150 160.6 0.0 353.0

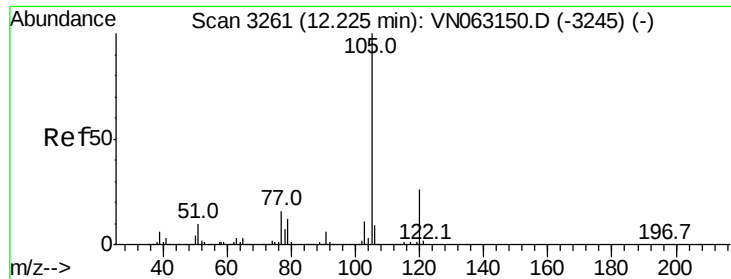


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.291 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063211.D

Acq: 3 Sep 2020 11:30

Instrument :

MSVOA_N

ClientSampleId :

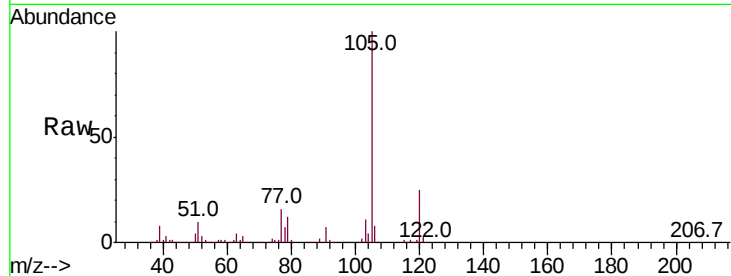
VN0903WBS01

Tot Ion:105 Resp: 438687

Ion Ratio Lower Upper

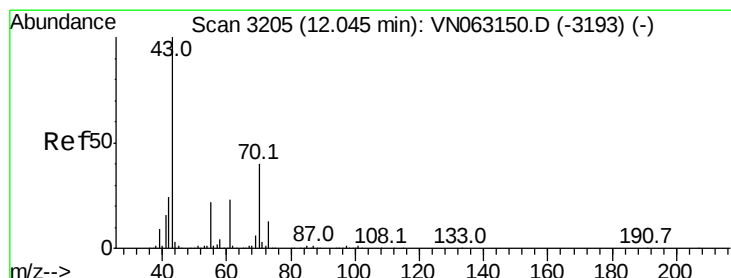
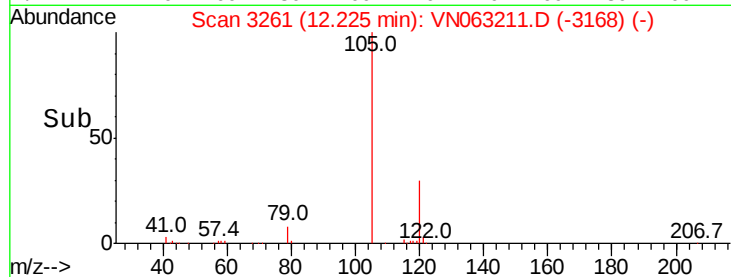
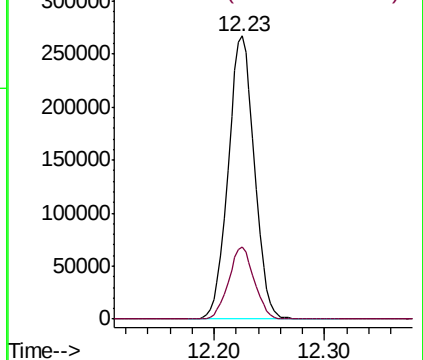
105 100

120 25.1 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.928 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN063211.D

Acq: 3 Sep 2020 11:30

Tgt Ion: 43 Resp: 168873

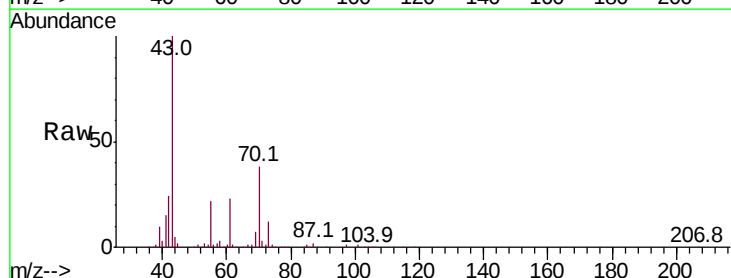
Ion Ratio Lower Upper

43 100

70 40.2 32.1 48.1

55 22.3 17.4 26.0

61 22.8 18.6 27.8

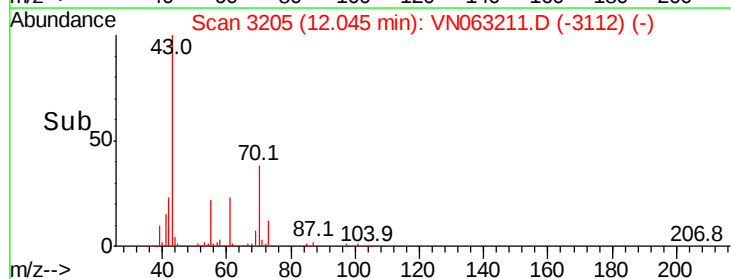
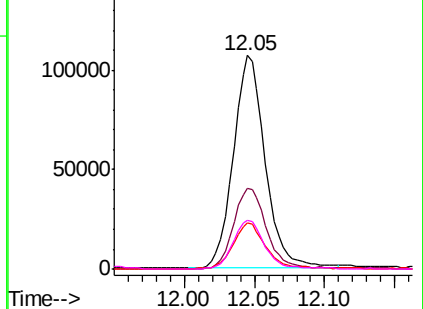


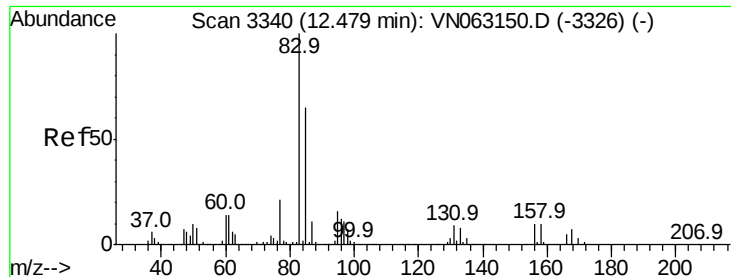
Abundance Ion 43.00 (42.70 to 43.70): VN0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 18.408 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN063211.D

Acq: 3 Sep 2020 11:30

Instrument :

MSVOA_N

ClientSampleId :

VN0903WBS01

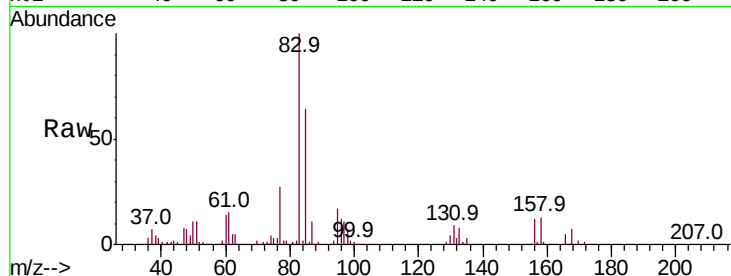
Tot Ion: 83 Resp: 120681

Ion Ratio Lower Upper

83 100

131 9.7 4.7 14.0

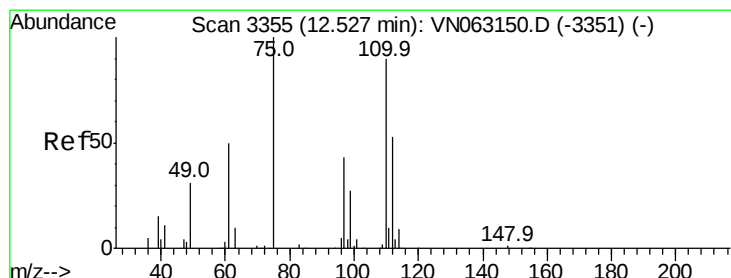
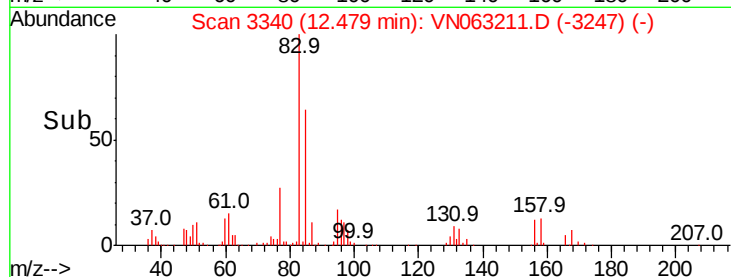
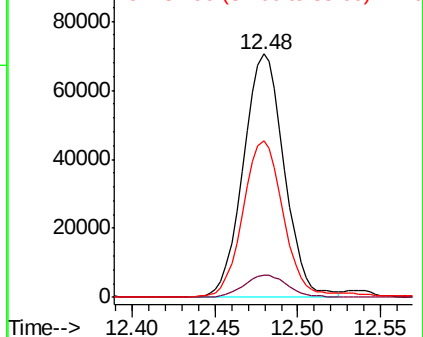
85 65.0 32.7 98.1



Abundance Ion 82.90 (82.60 to 83.60): VN063211.D (-3247) (-)

Ion 130.80 (130.50 to 131.50): VN063211.D (-3247) (-)

Ion 84.90 (84.60 to 85.60): VN063211.D (-3247) (-)



#76

1,2,3-Trichloropropane

Concen: 27.678 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN063211.D

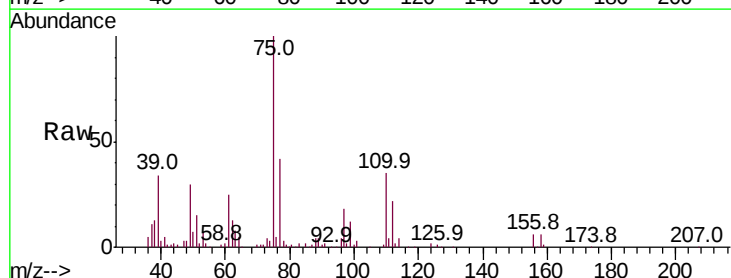
Acq: 3 Sep 2020 11:30

Tgt Ion: 75 Resp: 161233

Ion Ratio Lower Upper

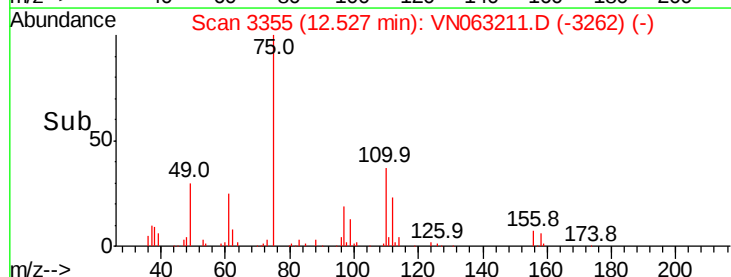
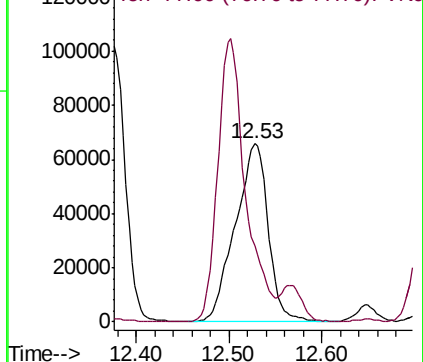
75 100

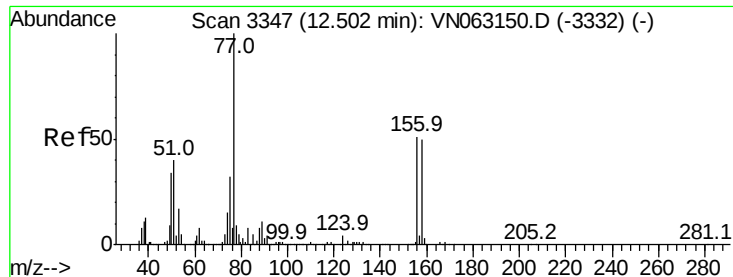
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN063211.D (-3262) (-)

Ion 77.00 (76.70 to 77.70): VN063211.D (-3262) (-)





#77

Bromobenzene

Concen: 18.735 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN063211.D

Acq: 3 Sep 2020 11:30

Instrument :

MSVOA_N

ClientSampled :

VN0903WBS01

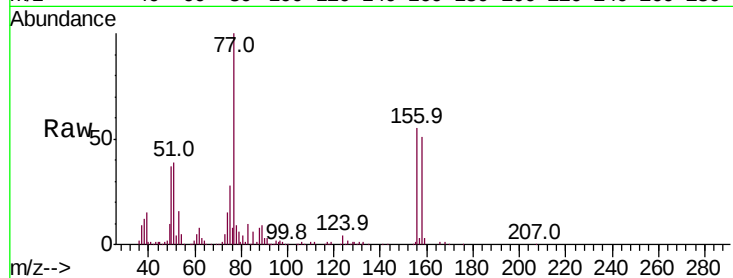
Tot Ion:156 Resp: 96353

Ion Ratio Lower Upper

156 100

77 226.2 116.1 348.3

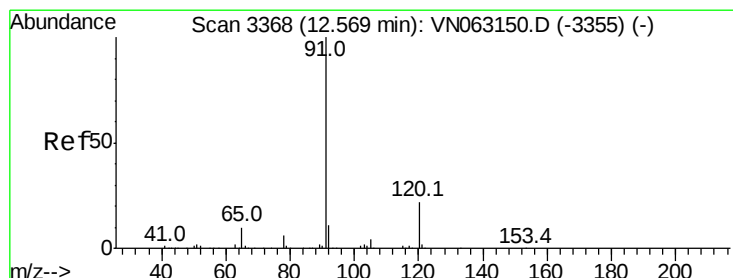
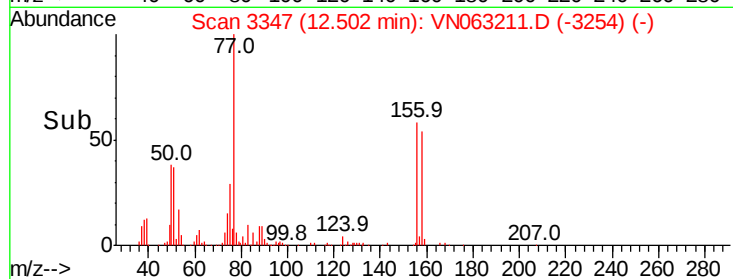
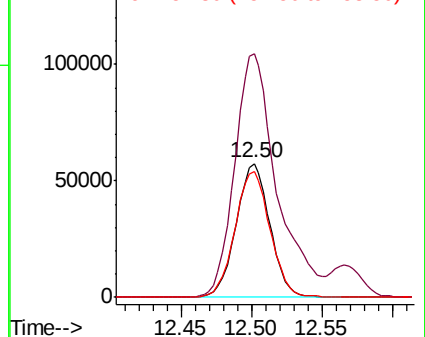
158 97.5 48.8 146.4



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: 19.683 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063211.D

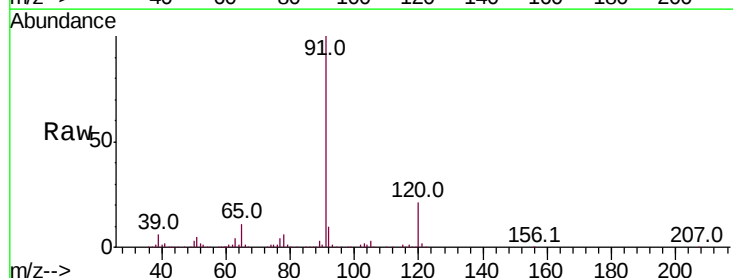
Acq: 3 Sep 2020 11:30

Tgt Ion: 91 Resp: 517935

Ion Ratio Lower Upper

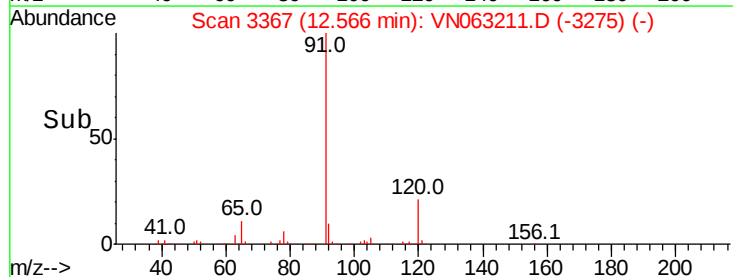
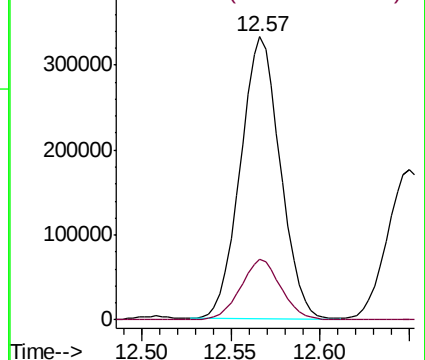
91 100

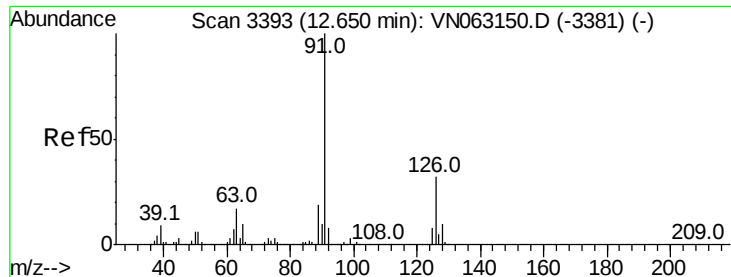
120 21.8 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.545 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN063211.D

Acq: 3 Sep 2020 11:30

Instrument :

MSVOA_N

ClientSampleId :

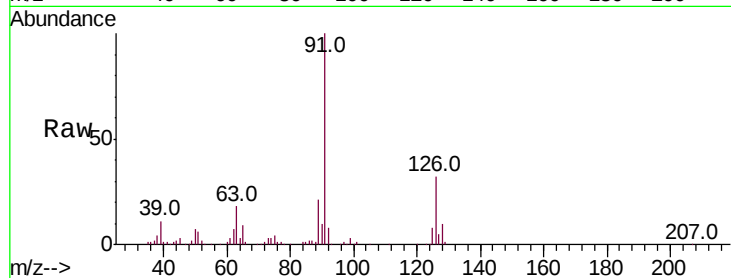
VN0903WBS01

Tot Ion: 91 Resp: 292276

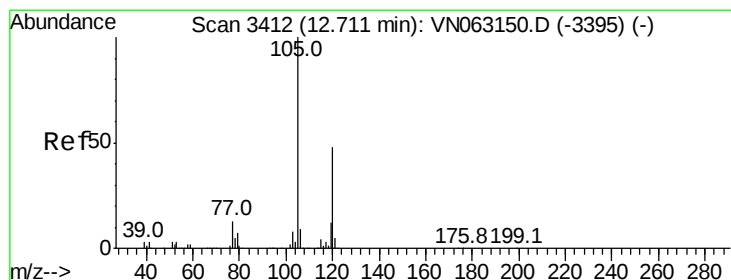
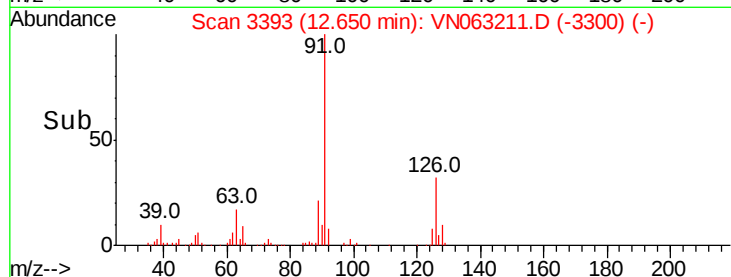
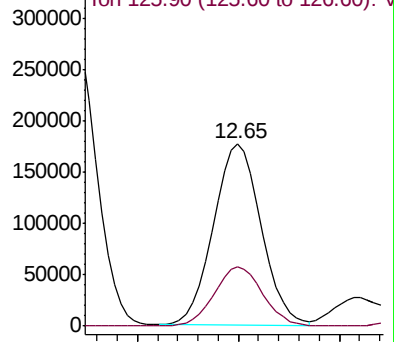
Ion Ratio Lower Upper

91 100

126 33.2 16.1 48.3



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



#80

1,3,5-Trimethylbenzene

Concen: 19.526 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN063211.D

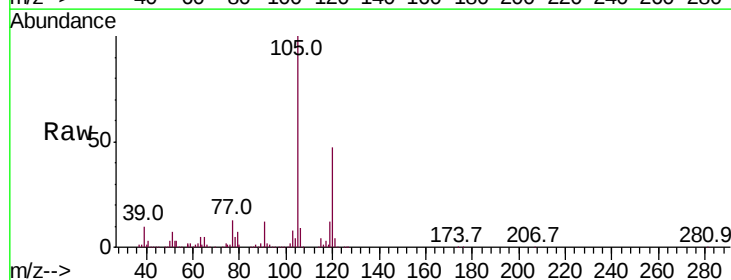
Acq: 3 Sep 2020 11:30

Tgt Ion:105 Resp: 369592

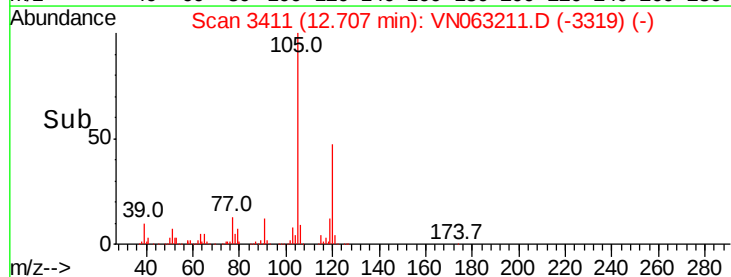
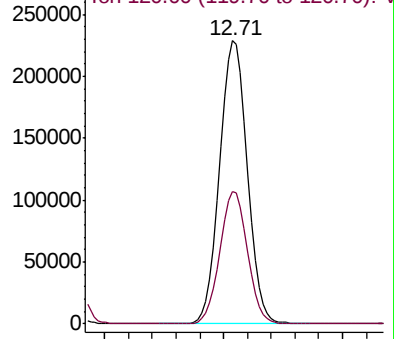
Ion Ratio Lower Upper

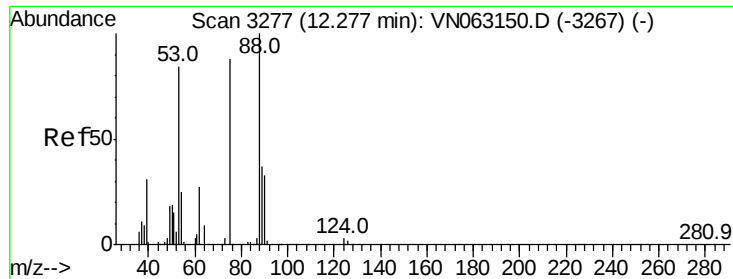
105 100

120 46.5 24.2 72.6



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





#81

trans-1,4-Dichloro-2-butene

Concen: 16.111 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063211.D

Acq: 3 Sep 2020 11:30

Instrument :

MSVOA_N

ClientSampled :

VN0903WBS01

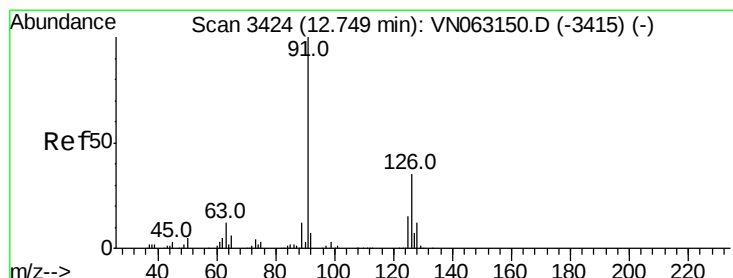
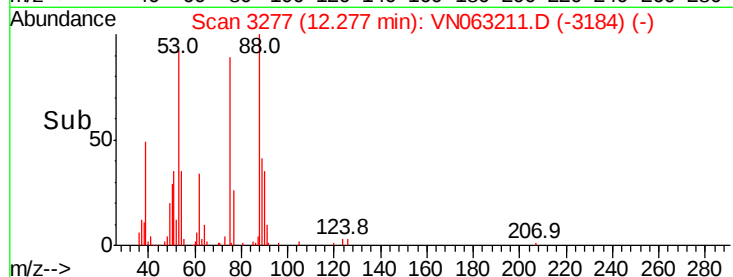
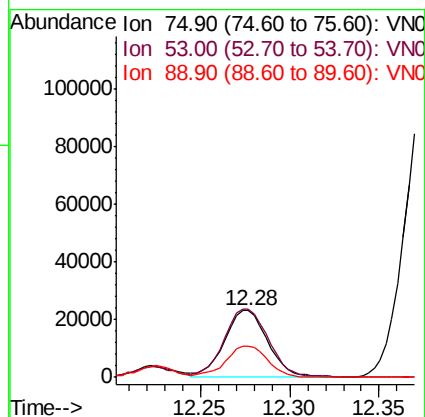
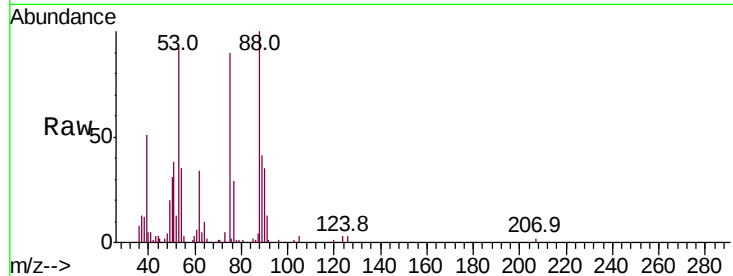
Tot Ion: 75 Resp: 38829

Ion Ratio Lower Upper

75 100

53 106.4 78.7 118.1

89 46.0 35.3 52.9



#82

4-Chlorotoluene

Concen: 18.782 ug/l

RT: 12.75 min Scan# 3424

Delta R.T. 0.00 min

Lab File: VN063211.D

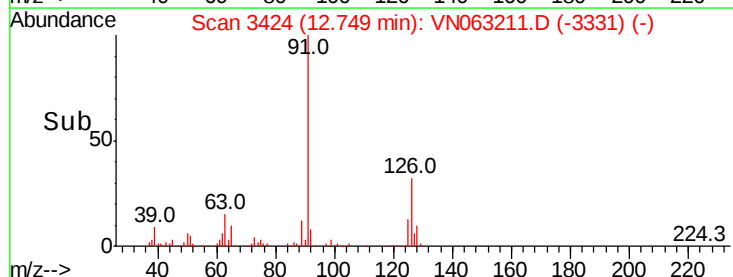
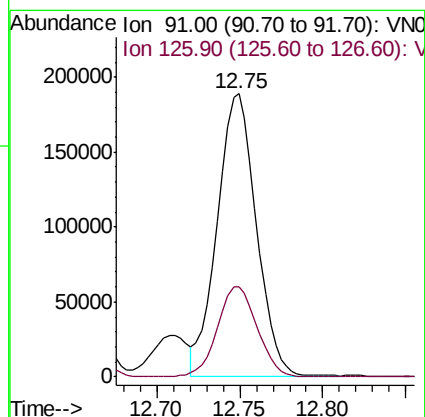
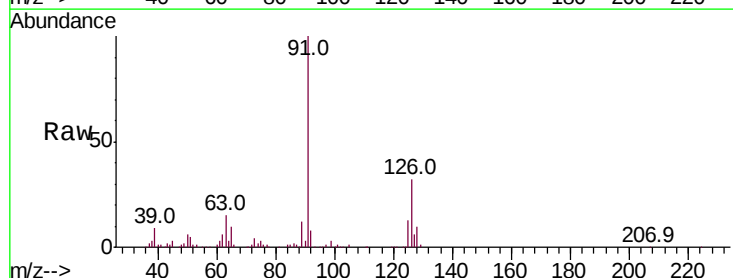
Acq: 3 Sep 2020 11:30

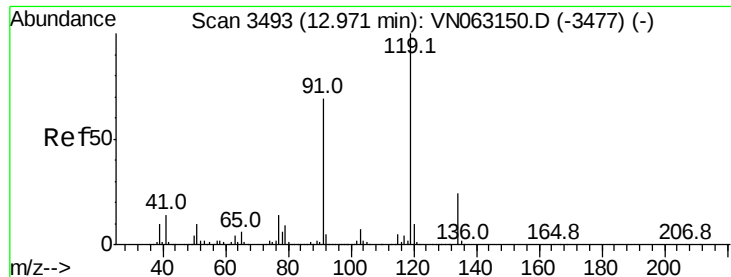
Tgt Ion: 91 Resp: 307013

Ion Ratio Lower Upper

91 100

126 32.2 16.2 48.5





#83

tert-Butylbenzene

Concen: 18.417 ug/l

RT: 12.97 min Scan# 3493

Delta R.T. 0.00 min

Lab File: VN063211.D

Acq: 3 Sep 2020 11:30

Instrument :

MSVOA_N

ClientSampleId :

VN0903WBS01

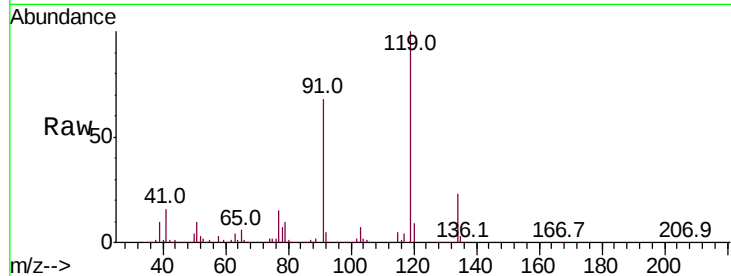
Tot Ion:119 Resp: 298960

Ion Ratio Lower Upper

119 100

91 69.0 33.7 101.0

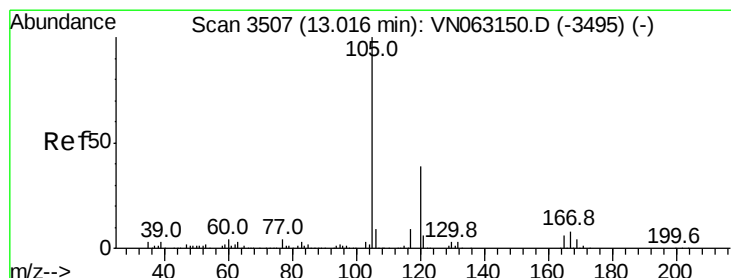
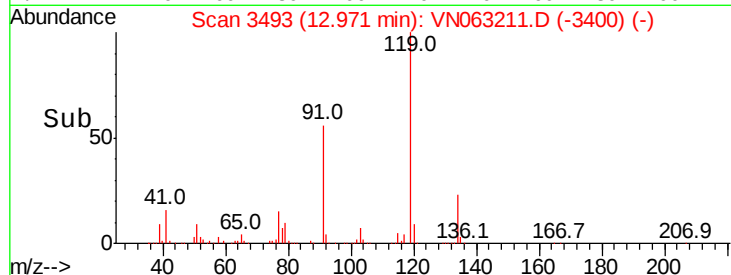
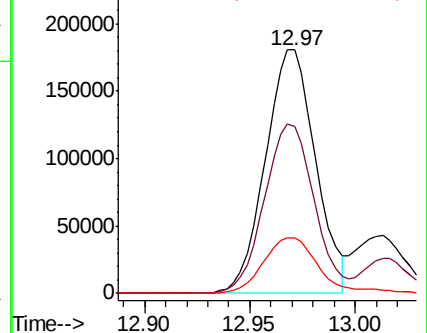
134 25.3 12.0 36.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.126 ug/l

RT: 13.02 min Scan# 3507

Delta R.T. 0.00 min

Lab File: VN063211.D

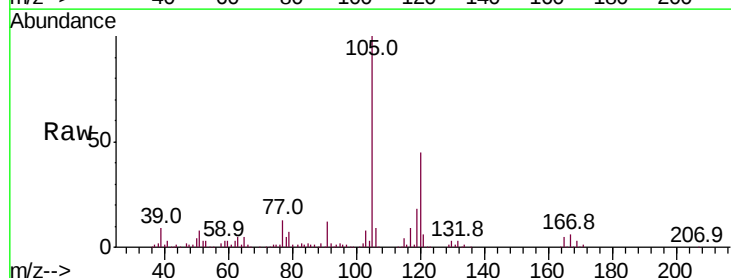
Acq: 3 Sep 2020 11:30

Tgt Ion:105 Resp: 364893

Ion Ratio Lower Upper

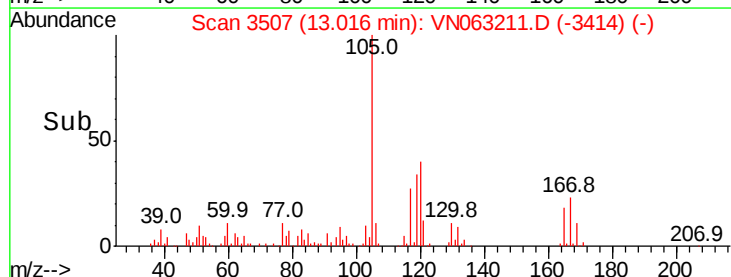
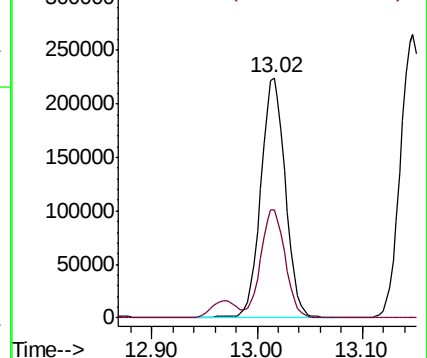
105 100

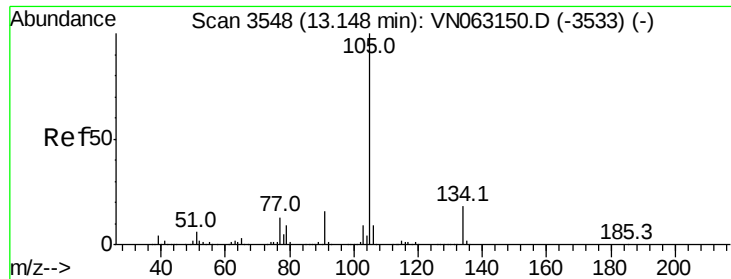
120 44.8 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.726 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063211.D

Acq: 3 Sep 2020 11:30

Instrument :

MSVOA_N

ClientSampleId :

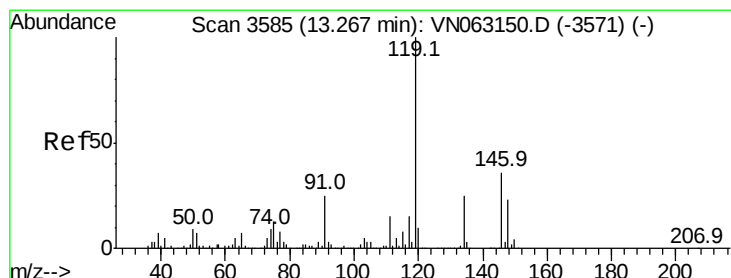
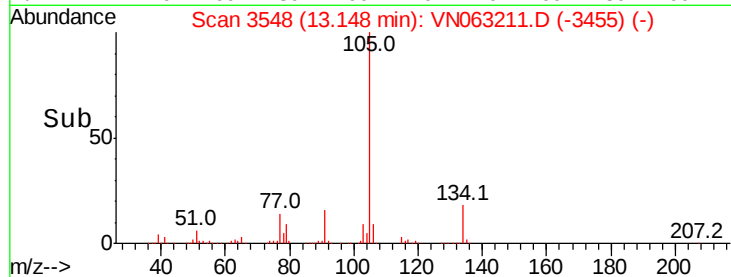
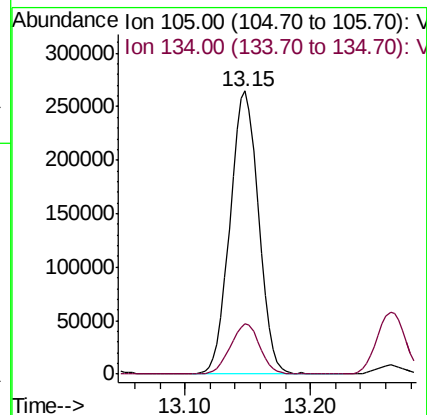
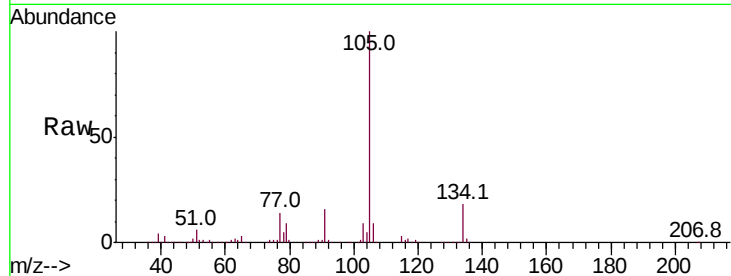
VN0903WBS01

Tot Ion:105 Resp: 417336

Ion Ratio Lower Upper

105 100

134 18.1 9.4 28.3



#86

p-Isopropyltoluene

Concen: 19.276 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN063211.D

Acq: 3 Sep 2020 11:30

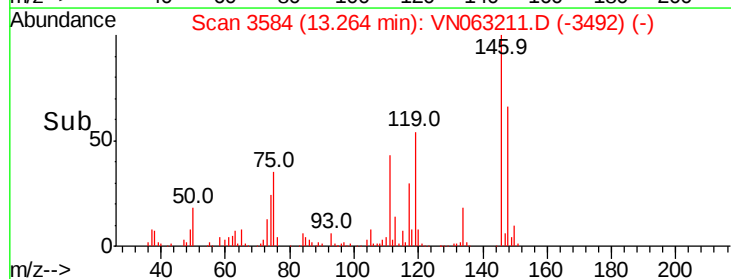
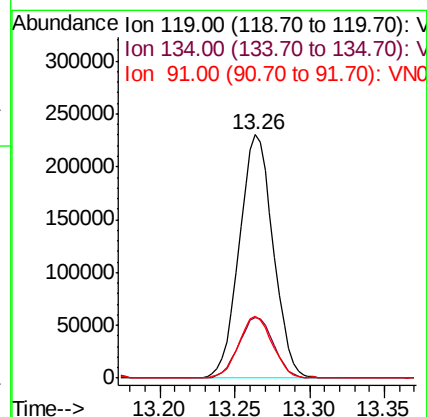
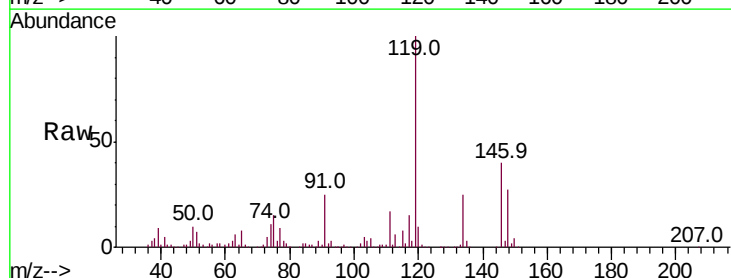
Tgt Ion:119 Resp: 362060

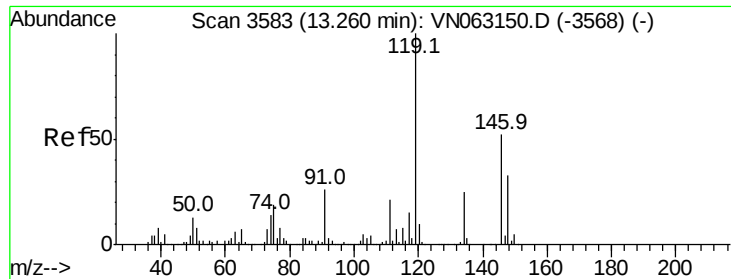
Ion Ratio Lower Upper

119 100

134 25.6 12.4 37.4

91 24.9 12.2 36.6

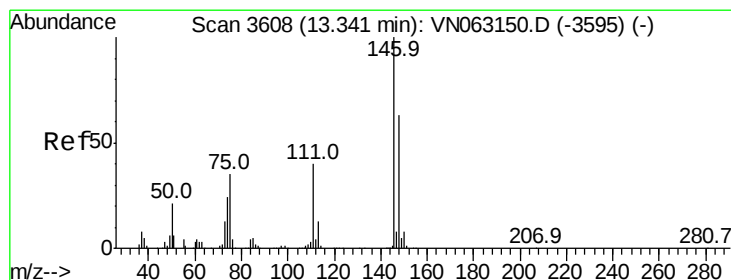
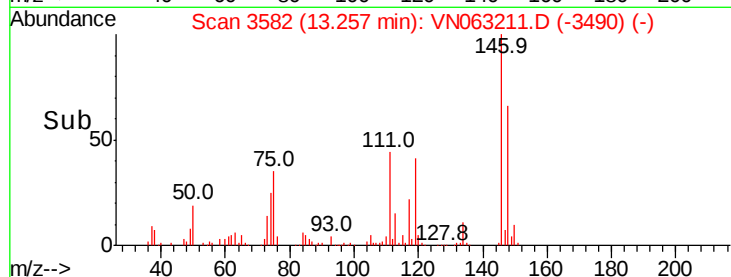
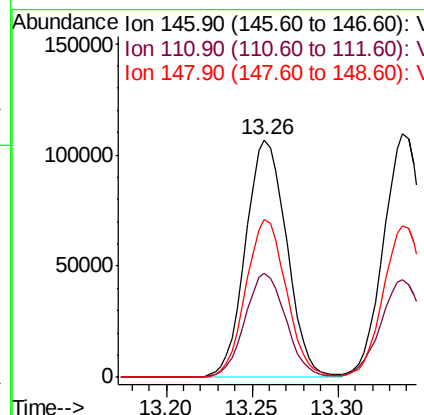
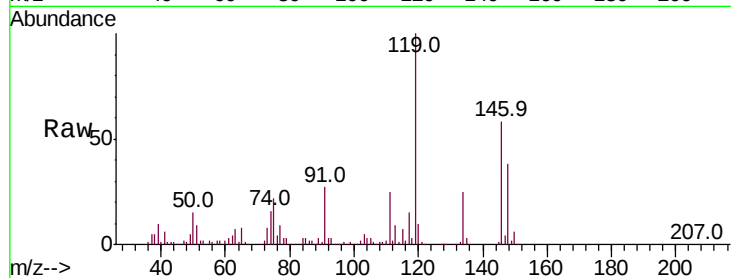




#87
 1,3-Dichlorobenzene
 Concen: 18.810 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN063211.D
 Acq: 3 Sep 2020 11:30

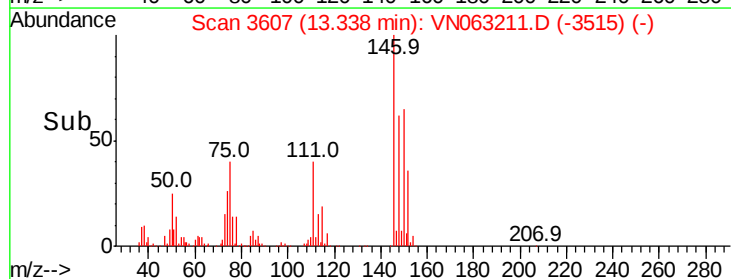
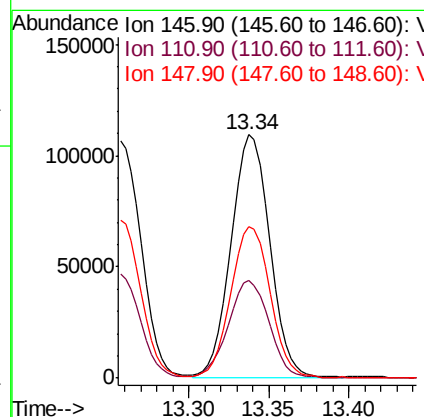
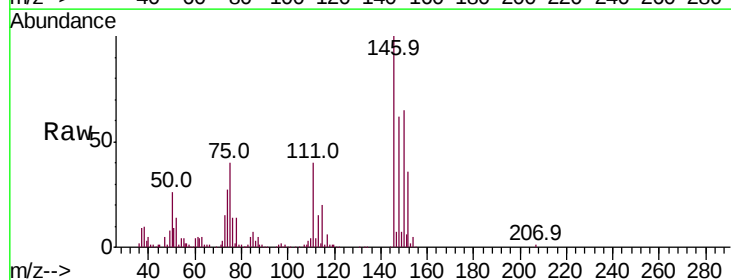
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0903WBS01

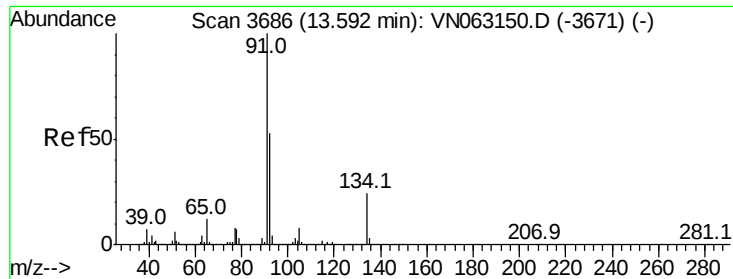
Tot Ion:146 Resp: 177713
 Ion Ratio Lower Upper
 146 100
 111 43.5 21.3 63.7
 148 65.5 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 18.392 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VN063211.D
 Acq: 3 Sep 2020 11:30

Tgt Ion:146 Resp: 179924
 Ion Ratio Lower Upper
 146 100
 111 42.8 20.5 61.5
 148 63.8 31.9 95.7





#89

n-Butylbenzene

Concen: 19.321 ug/l

RT: 13.59 min Scan# 3686

Delta R.T. 0.00 min

Lab File: VN063211.D

Acq: 3 Sep 2020 11:30

Instrument :

MSVOA_N

ClientSampled :

VN0903WBS01

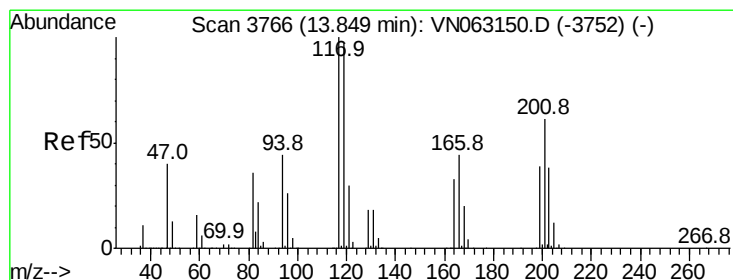
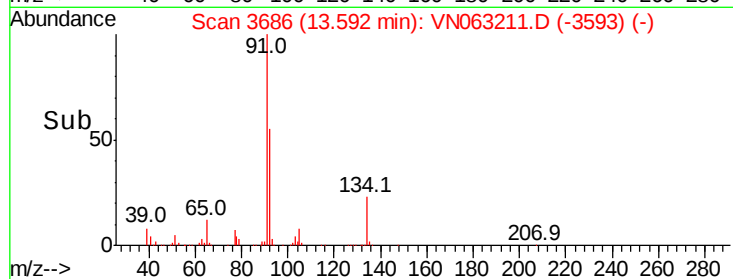
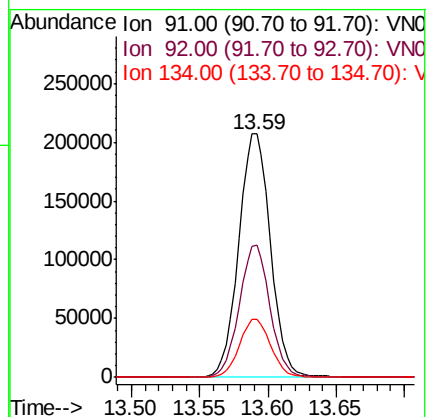
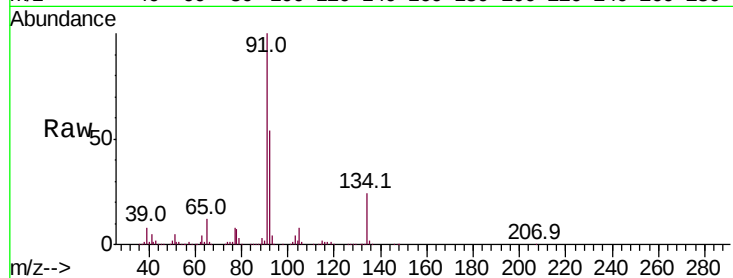
Tot Ion: 91 Resp: 335266

Ion Ratio Lower Upper

91 100

92 52.6 26.3 78.8

134 23.5 12.0 36.0



#90

Hexachloroethane

Concen: 16.130 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. 0.00 min

Lab File: VN063211.D

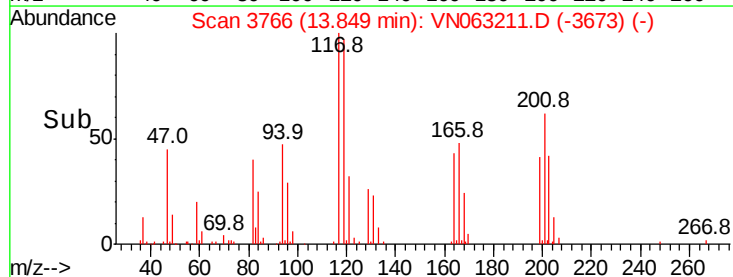
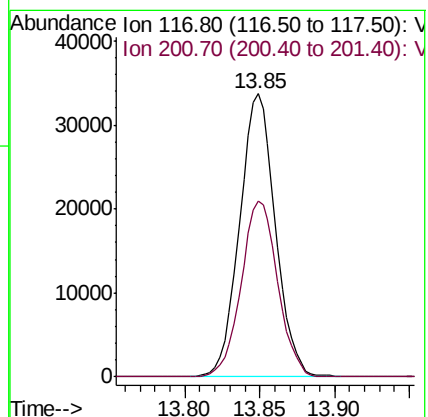
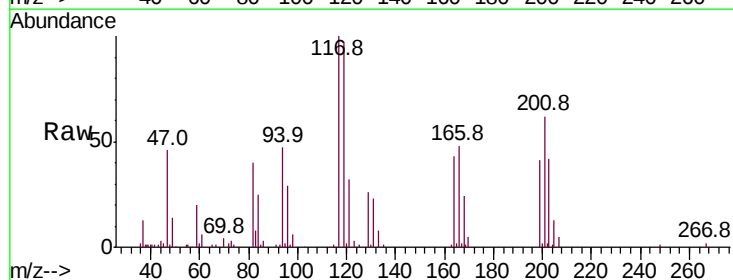
Acq: 3 Sep 2020 11:30

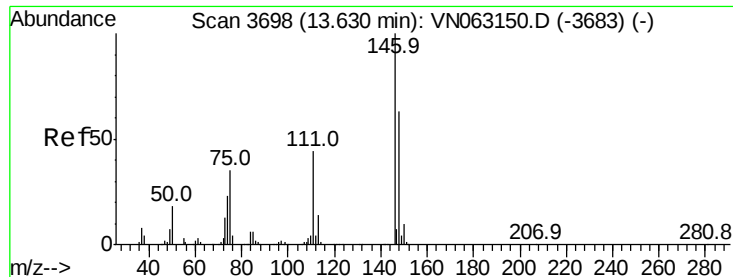
Tgt Ion: 117 Resp: 56085

Ion Ratio Lower Upper

117 100

201 63.2 30.6 92.0

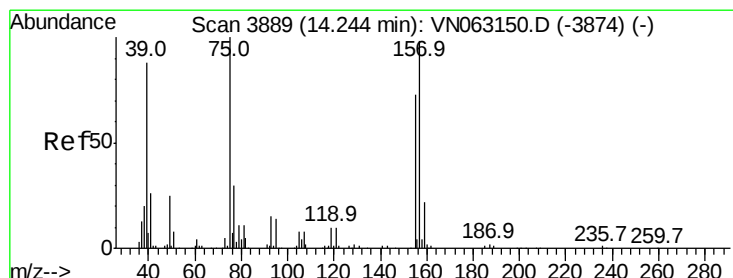
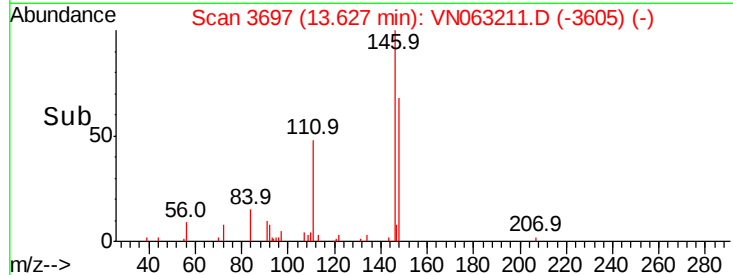
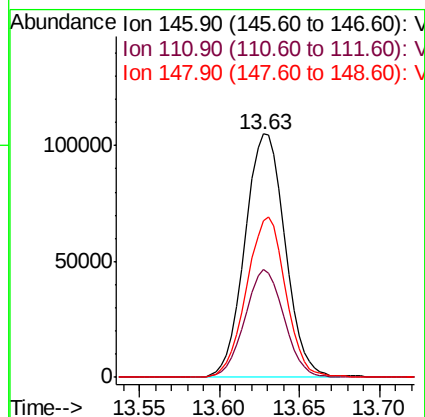
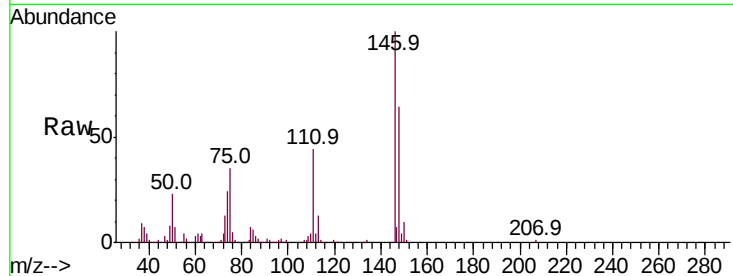




#91
 1,2-Dichlorobenzene
 Concen: 19.683 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN063211.D
 Acq: 3 Sep 2020 11:30

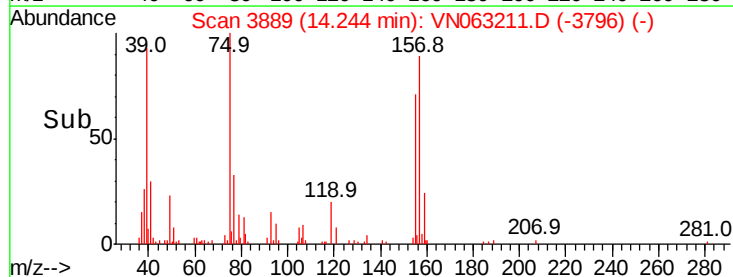
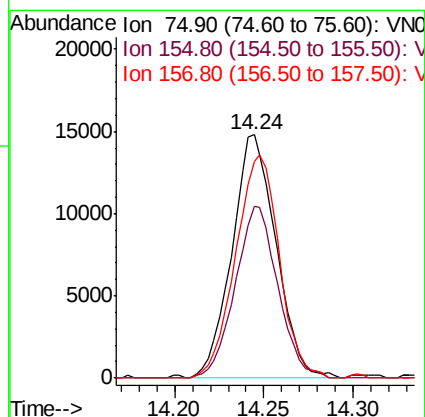
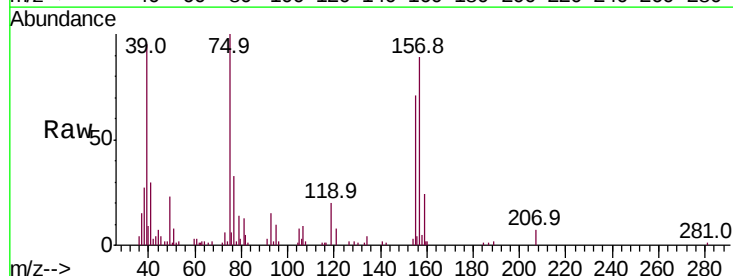
Instrument :
 MSVOA_N
 ClientSampled :
 VN0903WBS01

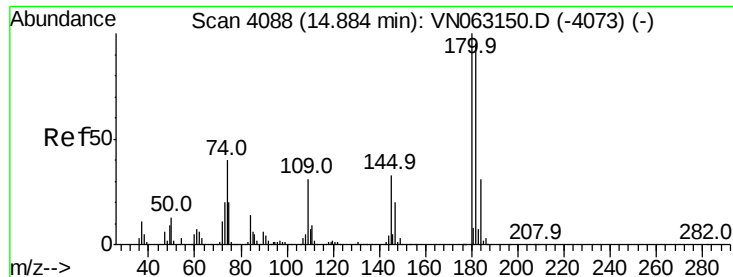
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.6	22.0	66.0
148	64.2	31.6	95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.669 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063211.D
 Acq: 3 Sep 2020 11:30

Tgt Ion	Ratio	Lower	Upper
75	100		
155	68.2	36.1	108.5
157	90.8	48.4	145.0

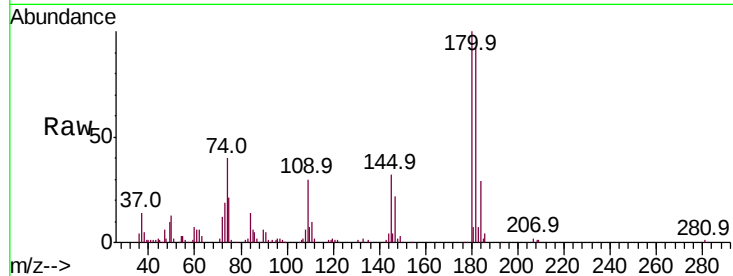




#93
 1,2,4-Trichlorobenzene
 Concen: 18.823 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063211.D
 Acq: 3 Sep 2020 11:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0903WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.3	47.5	142.5
145	31.8	16.6	49.8

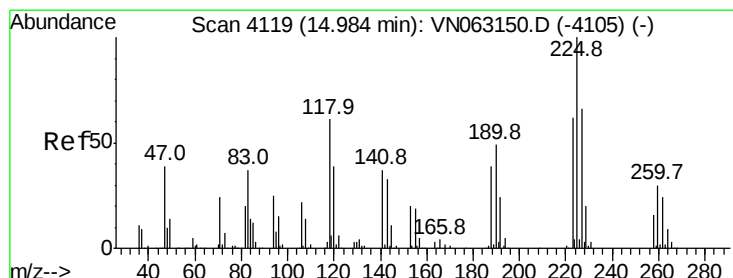
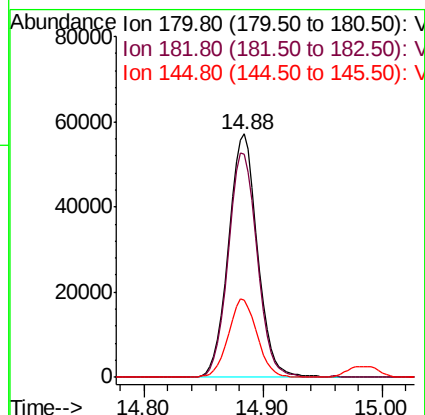
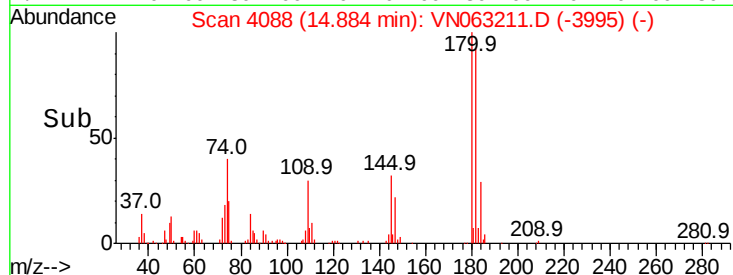


Abundance

Ion 179.80 (179.50 to 180.50): V

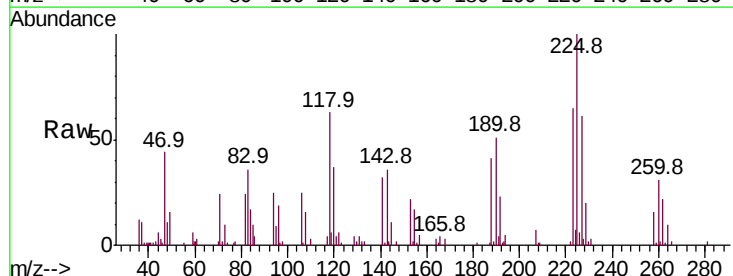
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 18.863 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN063211.D
 Acq: 3 Sep 2020 11:30

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.9	30.9	92.7
227	62.9	32.9	98.7

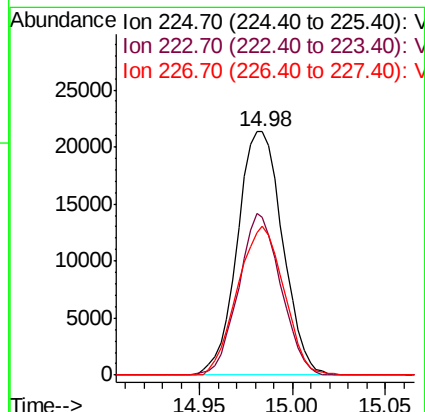
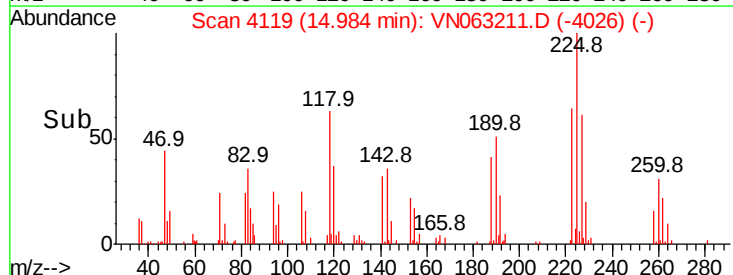


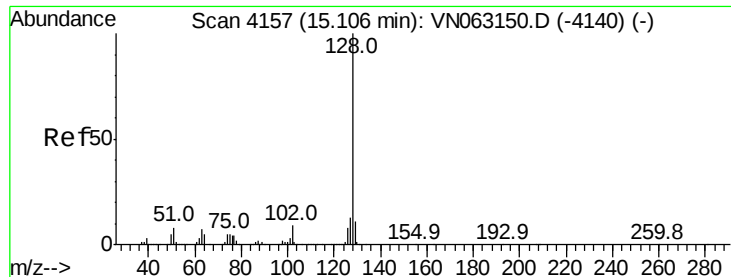
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 16.981 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. 0.00 min

Lab File: VN063211.D

Acq: 3 Sep 2020 11:30

Instrument :

MSVOA_N

ClientSampleId :

VN0903WBS01

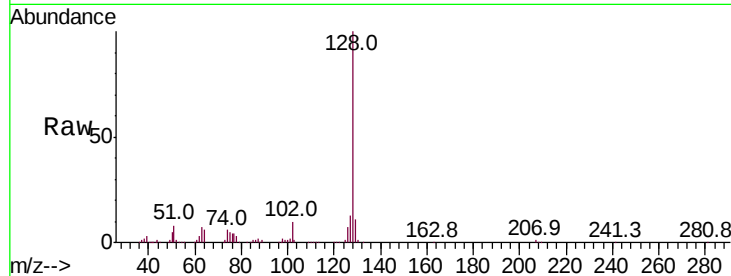
Tot Ion:128 Resp: 290198

Ion Ratio Lower Upper

128 100

127 13.4 10.5 15.7

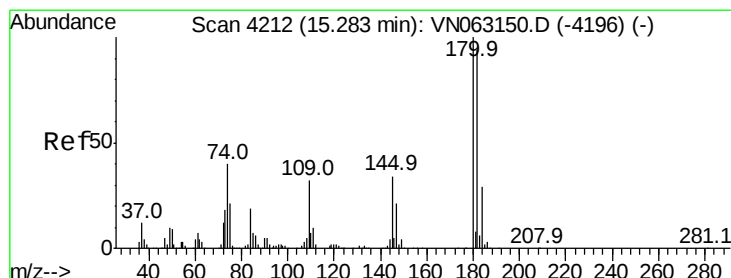
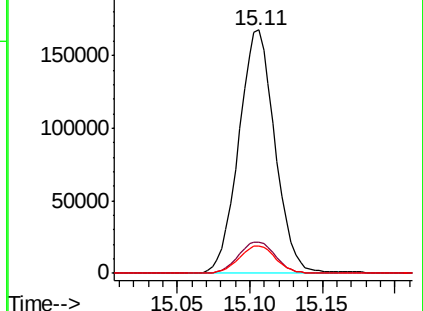
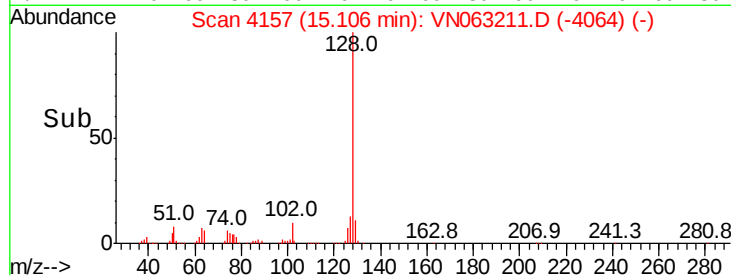
129 11.3 8.6 13.0



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: 18.651 ug/l

RT: 15.29 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN063211.D

Acq: 3 Sep 2020 11:30

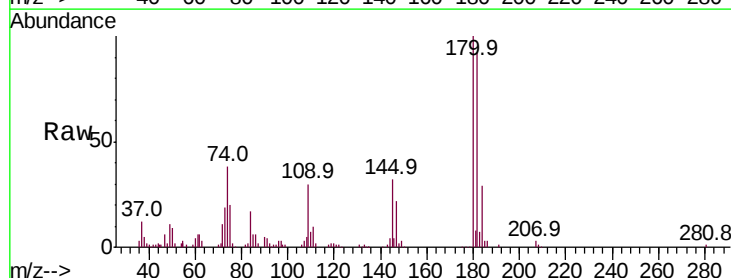
Tgt Ion:180 Resp: 93077

Ion Ratio Lower Upper

180 100

182 91.4 47.5 142.5

145 32.9 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

