

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120920\
 Data File : VN065012.D
 Acq On : 9 Dec 2020 11:46
 Operator : JC/MD
 Sample : VN1209WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1209WBS01

Quant Time: Dec 10 04:06:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	202512	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	312957	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	281436	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	136124	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		7.98	65	107013	45.45	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	90.90%	
35) Dibromofluoromethane		7.55	113	94646	50.54	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.08%	
50) Toluene-d8		10.06	98	358432	46.85	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	93.70%	
62) 4-Bromofluorobenzene		12.37	95	126140	46.07	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.14%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	26343	15.009	ug/l	97
3) Chloromethane	2.04	50	35569	15.595	ug/l	100
4) Vinyl Chloride	2.17	62	38694	16.272	ug/l	98
5) Bromomethane	2.53	94	27034	17.328	ug/l	100
6) Chloroethane	2.68	64	24926	16.948	ug/l	100
7) Trichlorofluoromethane	2.99	101	57497	17.492	ug/l	96
8) Diethyl Ether	3.37	74	22529	17.364	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.71	101	36003	18.259	ug/l	99
10) Methyl Iodide	3.91	142	39700	15.522	ug/l	99
11) Tert butyl alcohol	4.74	59	28355	77.227	ug/l #	87
12) 1,1-Dichloroethene	3.69	96	33464	17.041	ug/l	99
13) Acrolein	3.56	56	17226	76.809	ug/l	93
14) Allyl chloride	4.27	41	53673	16.571	ug/l	99
15) Acrylonitrile	4.93	53	85761	84.552	ug/l	98
16) Acetone	3.77	43	84311	108.938	ug/l	98
17) Carbon Disulfide	4.01	76	78402	15.466	ug/l	99
18) Methyl Acetate	4.28	43	42256	18.160	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	109327	17.358	ug/l	97
20) Methylene Chloride	4.50	84	41193	16.986	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	37061	16.995	ug/l	98
22) Diisopropyl ether	5.90	45	120682	18.615	ug/l	99
23) Vinyl Acetate	5.84	43	449589	86.722	ug/l	100
24) 1,1-Dichloroethane	5.79	63	69589	17.961	ug/l	98
25) 2-Butanone	6.78	43	112666	89.803	ug/l	96
26) 2,2-Dichloropropane	6.77	77	59704	17.767	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	42619	17.368	ug/l	99
28) Bromochloromethane	7.15	49	31679	17.873	ug/l	97
29) Tetrahydrofuran	7.16	42	69492	80.242	ug/l	99
30) Chloroform	7.33	83	73136	18.305	ug/l	99
31) Cyclohexane	7.61	56	53603	16.336	ug/l #	96
32) 1,1,1-Trichloroethane	7.53	97	62137	18.107	ug/l	99
36) 1,1-Dichloropropene	7.75	75	50830	17.523	ug/l	99
37) Ethyl Acetate	6.88	43	44972	16.095	ug/l	99
38) Carbon Tetrachloride	7.73	117	55228	18.298	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	51188	16.392	ug/l	97
40) Benzene	8.00	78	159866	17.985	ug/l	100
41) Methacrylonitrile	7.13	41	20919	16.225	ug/l	94
42) 1,2-Dichloroethane	8.08	62	53508	17.844	ug/l	99
43) Isopropyl Acetate	8.13	43	77678	17.276	ug/l	98
44) Trichloroethene	8.80	130	45195	17.232	ug/l	99
45) 1,2-Dichloropropane	9.08	63	43285	18.803	ug/l	98
46) Dibromomethane	9.17	93	28248	18.368	ug/l	97
47) Bromodichloromethane	9.37	83	57643	18.628	ug/l	99
48) Methyl methacrylate	9.16	41	35029	16.304	ug/l	97
49) 1,4-Dioxane	9.16	88	13316	327.925	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	230176	85.271	ug/l	100
52) Toluene	10.12	92	102261	18.680	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	60605	17.584	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	66677	18.049	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	41435	18.407	ug/l	98
56) Ethyl methacrylate	10.40	69	54496	17.543	ug/l	99
57) 1,3-Dichloropropane	10.68	76	68738	18.511	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	140362	82.144	ug/l	98
59) 2-Hexanone	10.72	43	167645	86.296	ug/l	97
60) Dibromochloromethane	10.87	129	46484	18.577	ug/l	97
61) 1,2-Dibromoethane	10.97	107	41107	17.974	ug/l	98
64) Tetrachloroethene	10.60	164	46267	16.898	ug/l	99
65) Chlorobenzene	11.40	112	111554	18.458	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	43288	19.489	ug/l	99
67) Ethyl Benzene	11.48	91	179766	17.805	ug/l	97
68) m/p-Xylenes	11.59	106	143140	37.446	ug/l	100
69) o-Xylene	11.92	106	68000	18.746	ug/l	98
70) Styrene	11.94	104	114648	18.722	ug/l	98
71) Bromoform	12.10	173	31282	17.634	ug/l #	99
73) Isopropylbenzene	12.22	105	180264	19.039	ug/l	100
74) N-amyl acetate	12.04	43	61531	16.513	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.48	83	53067	19.122	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	72255	24.647	ug/l #	100
77) Bromobenzene	12.50	156	46919	18.380	ug/l	98
78) n-propylbenzene	12.56	91	200538	18.592	ug/l	99
79) 2-Chlorotoluene	12.65	91	125198	18.777	ug/l	99
80) 1,3,5-Trimethylbenzene	12.70	105	153592	19.516	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	17999	16.828	ug/l	94
82) 4-Chlorotoluene	12.75	91	129588	18.542	ug/l	99
83) tert-Butylbenzene	12.96	119	122960	18.640	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	152897	19.215	ug/l	99
85) sec-Butylbenzene	13.14	105	163876	18.710	ug/l	99
86) p-Isopropyltoluene	13.26	119	150631	18.890	ug/l	99
87) 1,3-Dichlorobenzene	13.25	146	83891	18.498	ug/l	99
88) 1,4-Dichlorobenzene	13.33	146	85463	17.819	ug/l	99
89) n-Butylbenzene	13.59	91	120053	17.144	ug/l	99
90) Hexachloroethane	13.85	117	26553	19.168	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	82868	18.609	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	9791	15.680	ug/l	98

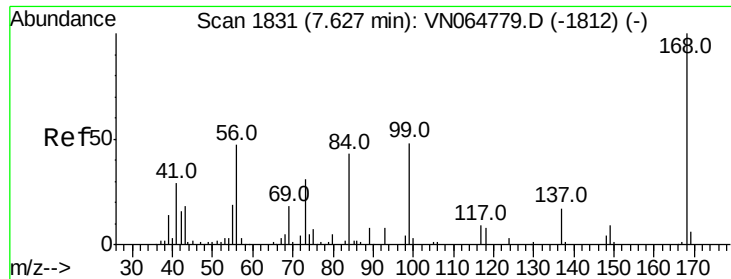
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN120920\
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Quant Title : SW846 8260
QLast Update : Mon Nov 23 13:54:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	41025	14.893	ug/l	99
94) Hexachlorobutadiene	14.98	225	23652	19.297	ug/l	97
95) Naphthalene	15.10	128	112991	13.691	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	40131	16.295	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1829

Delta R.T. -0.01 min

Lab File: VN065012.D

Acq: 9 Dec 2020 11:46

Instrument :

MSVOA_N

ClientSampleId :

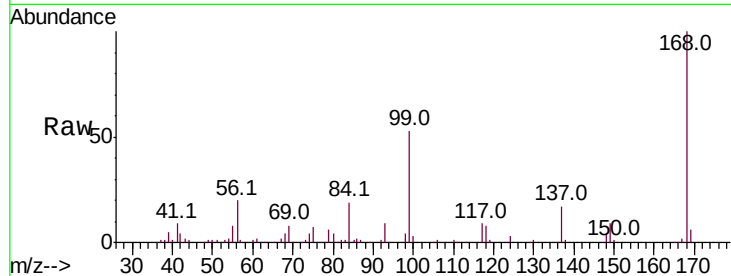
VN1209WBS01

Tot Ion:168 Resp: 202512

Ion Ratio Lower Upper

168 100

99 52.5 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

80000

60000

40000

20000

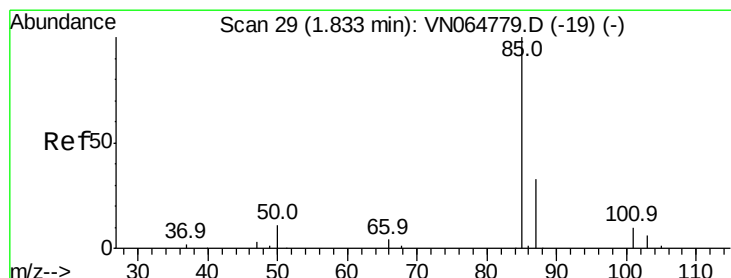
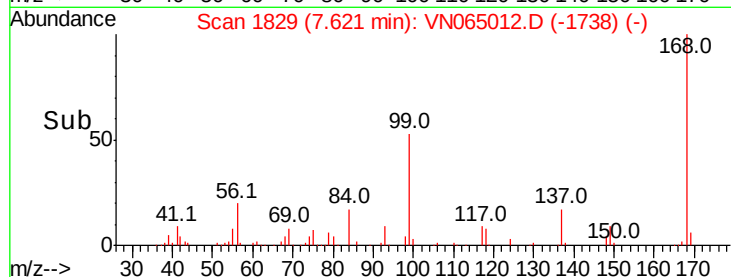
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Time-->

7.50

7.60

7.70



#2

Dichlorodifluoromethane

Concen: 15.009 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN065012.D

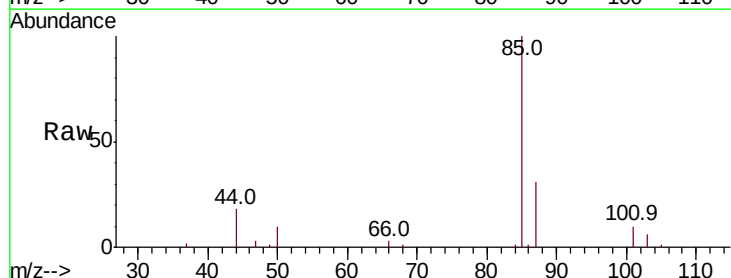
Acq: 9 Dec 2020 11:46

Tgt Ion: 85 Resp: 26343

Ion Ratio Lower Upper

85 100

87 31.1 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

20000

15000

10000

5000

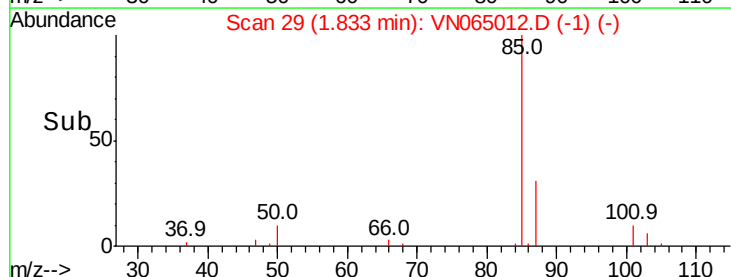
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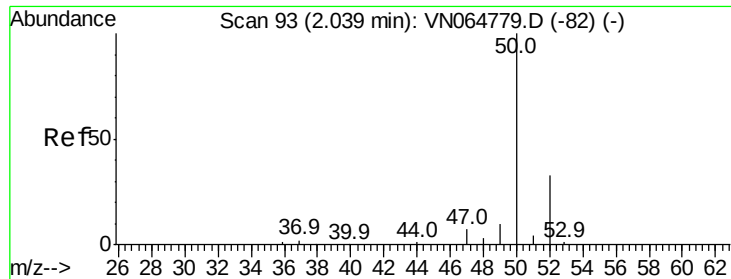
Time-->

1.80

1.85

1.90

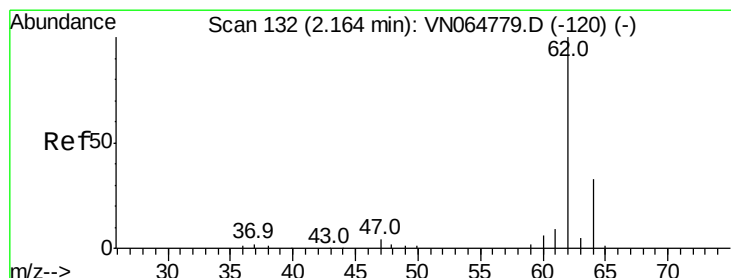
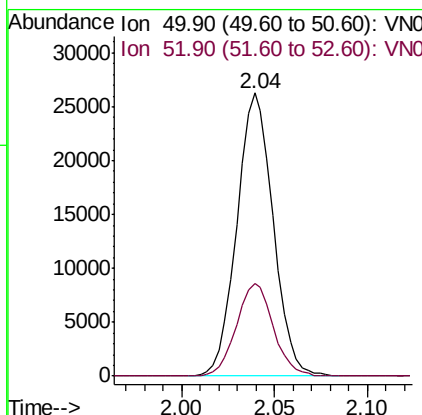
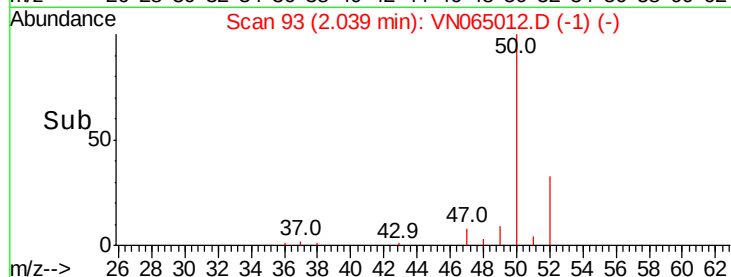
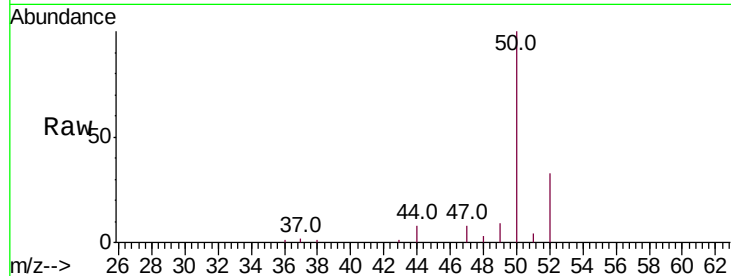




#3
Chloromethane
Concen: 15.595 ug/l
RT: 2.04 min Scan# 93
Delta R.T. 0.00 min
Lab File: VN065012.D
Acq: 9 Dec 2020 11:46

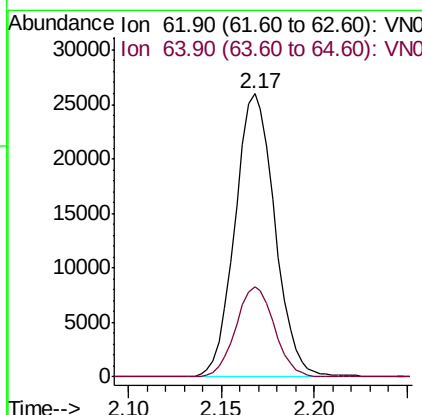
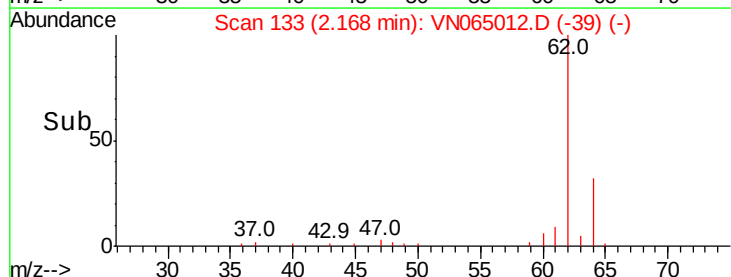
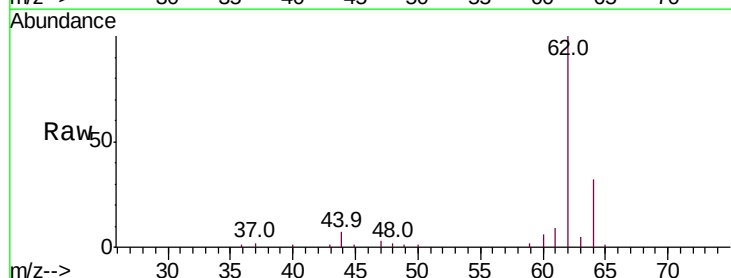
Instrument :
MSVOA_N
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VN1209WBS01

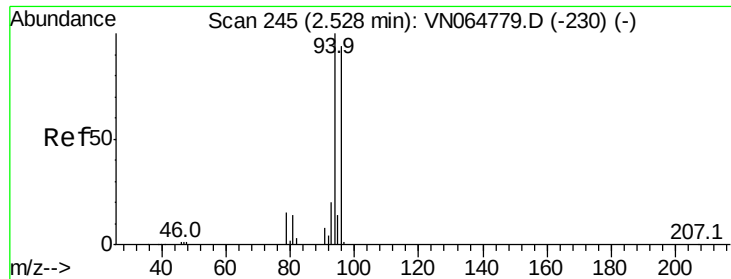
Tot Ion: 50 Resp: 35569
Ion Ratio Lower Upper
50 100
52 33.0 26.6 39.8



#4
Vinyl Chloride
Concen: 16.272 ug/l
RT: 2.17 min Scan# 133
Delta R.T. 0.00 min
Lab File: VN065012.D
Acq: 9 Dec 2020 11:46

Tgt Ion: 62 Resp: 38694
Ion Ratio Lower Upper
62 100
64 31.9 26.5 39.7





#5

Bromomethane

Concen: 17.328 ug/l

RT: 2.53 min Scan# 247

Delta R.T. 0.01 min

Lab File: VN065012.D

Acq: 9 Dec 2020 11:46

Instrument :

MSVOA_N

ClientSampleId :

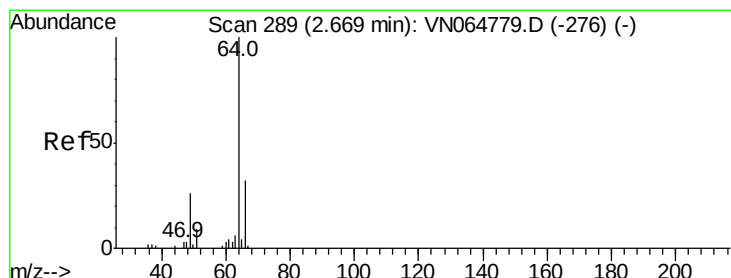
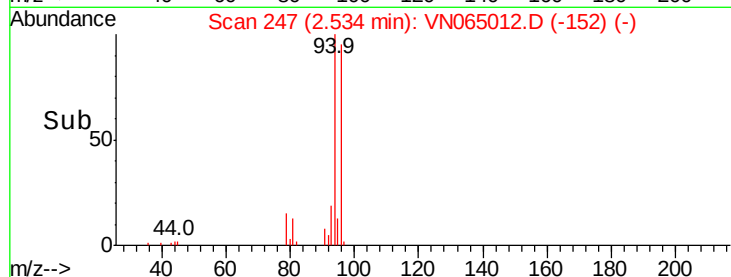
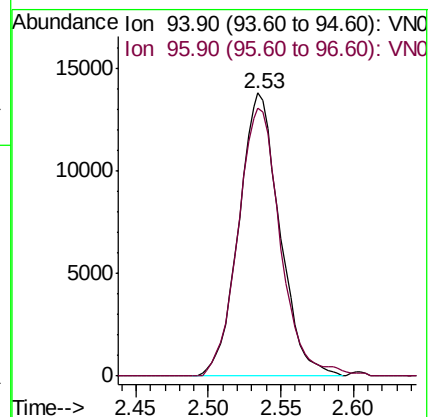
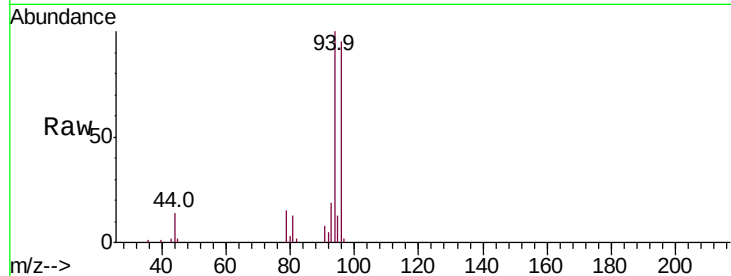
VN1209WBS01

Tot Ion: 94 Resp: 27034

Ion Ratio Lower Upper

94 100

96 94.6 75.4 113.0



#6

Chloroethane

Concen: 16.948 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.01 min

Lab File: VN065012.D

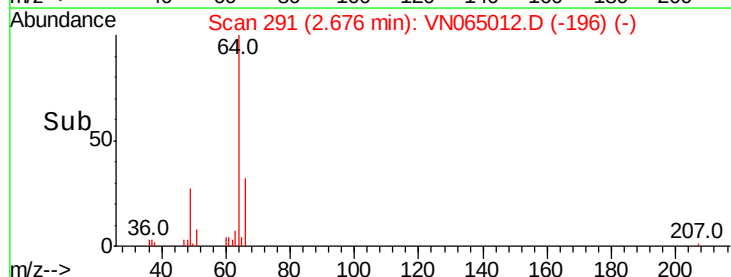
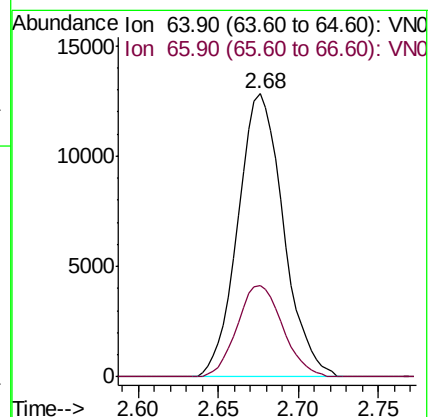
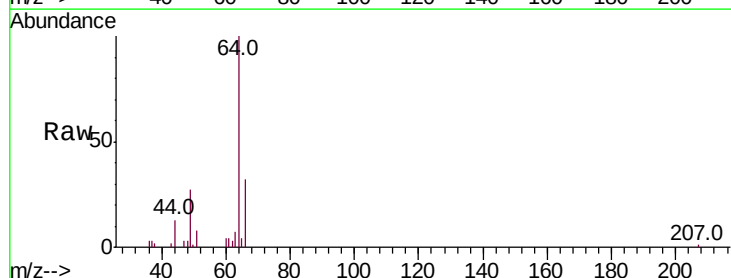
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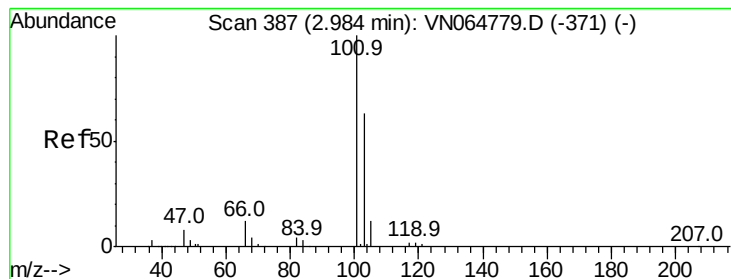
Tgt Ion: 64 Resp: 24926

Ion Ratio Lower Upper

64 100

66 32.1 25.6 38.4



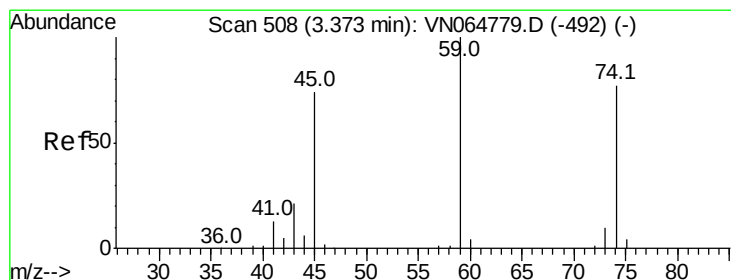
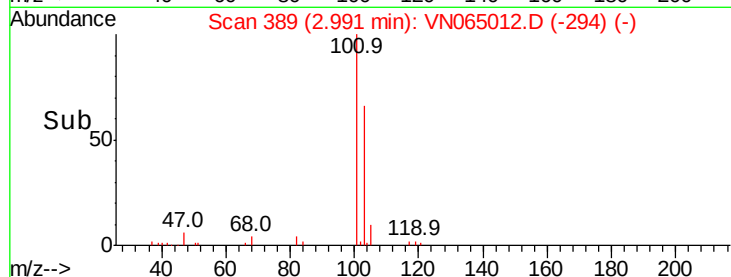
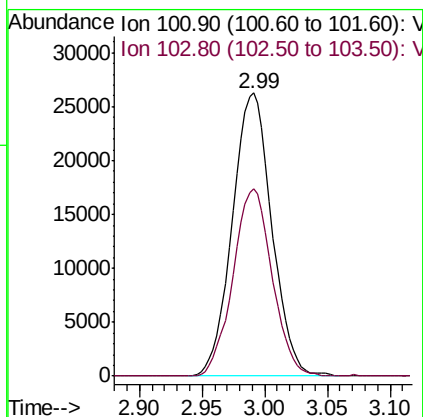
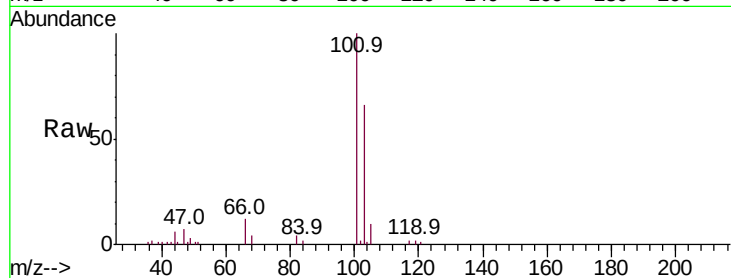


#7

Trichlorofluoromethane
 Concen: 17.492 ug/l
 RT: 2.99 min Scan# 389
 Delta R.T. 0.01 min
 Lab File: VN065012.D
 Acq: 9 Dec 2020 11:46

Instrument :
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 ClientSampleId :
 VN1209WBS01

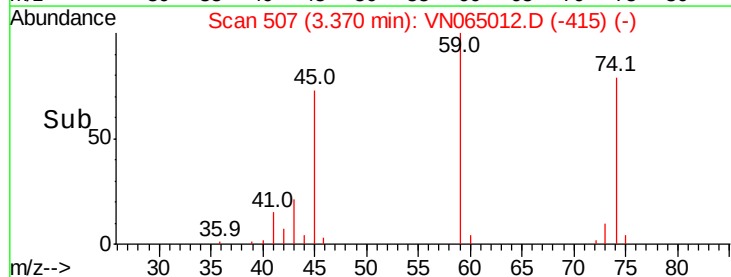
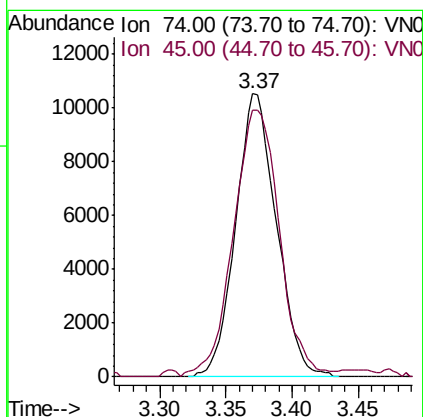
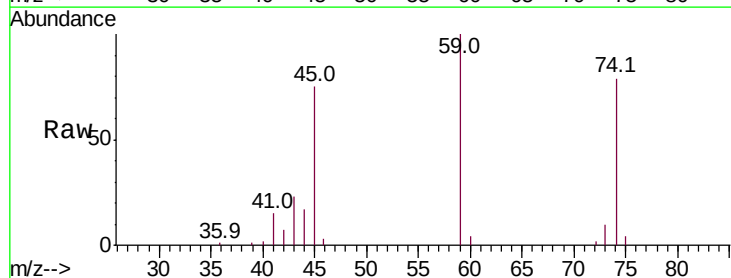
Tot Ion:101 Resp: 57497
 Ion Ratio Lower Upper
 101 100
 103 66.3 50.5 75.7

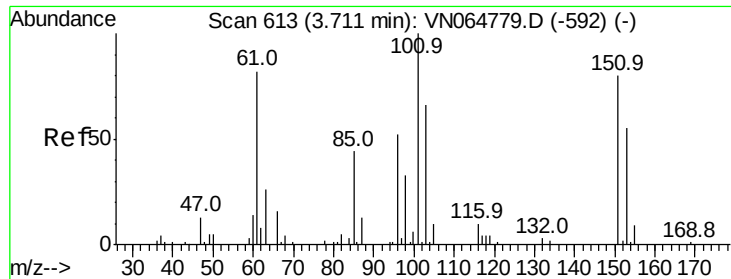


#8

Diethyl Ether
 Concen: 17.364 ug/l
 RT: 3.37 min Scan# 507
 Delta R.T. -0.00 min
 Lab File: VN065012.D
 Acq: 9 Dec 2020 11:46

Tgt Ion: 74 Resp: 22529
 Ion Ratio Lower Upper
 74 100
 45 106.4 48.9 146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.259 ug/l

RT: 3.71 min Scan# 613

Delta R.T. 0.00 min

Lab File: VN065012.D

Acq: 9 Dec 2020 11:46

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBS01

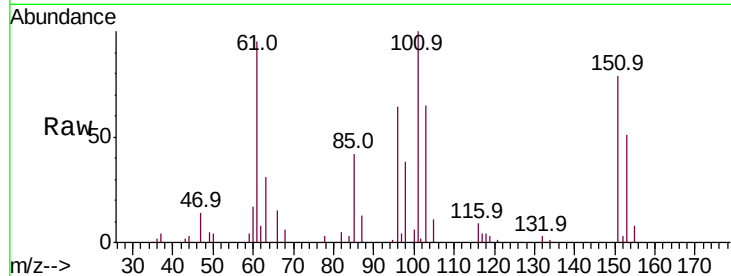
Tot Ion:101 Resp: 36003

Ion Ratio Lower Upper

101 100

85 43.4 34.4 51.6

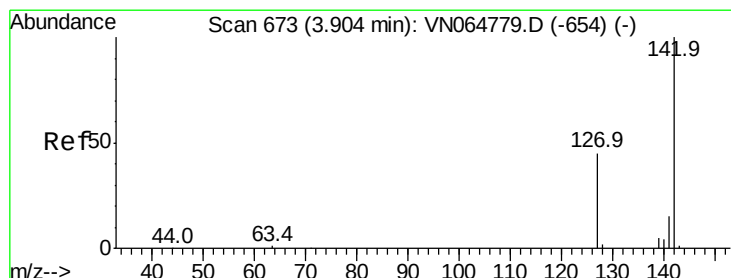
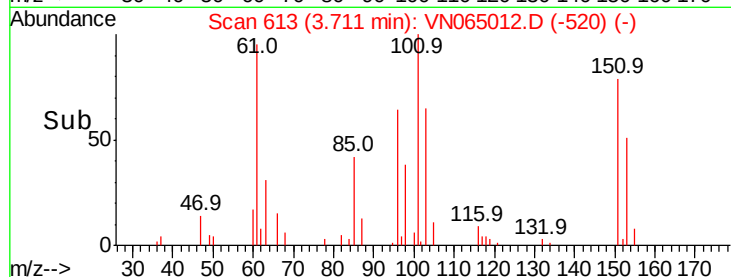
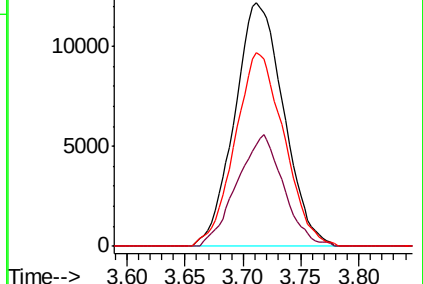
151 79.3 64.0 96.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 15.522 ug/l

RT: 3.91 min Scan# 674

Delta R.T. 0.00 min

Lab File: VN065012.D

Acq: 9 Dec 2020 11:46

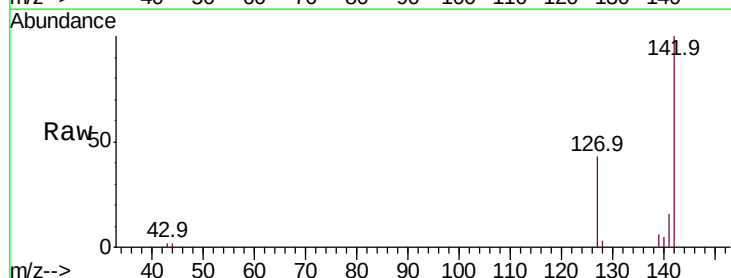
Tgt Ion:142 Resp: 39700

Ion Ratio Lower Upper

142 100

127 43.1 35.0 52.6

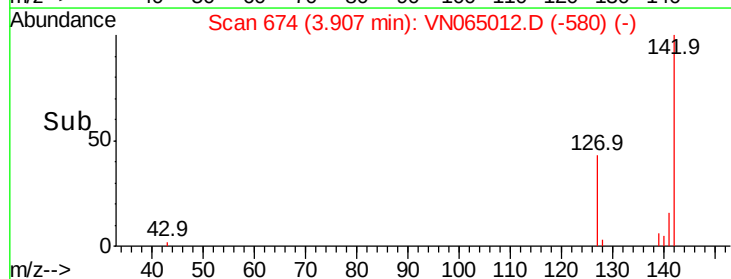
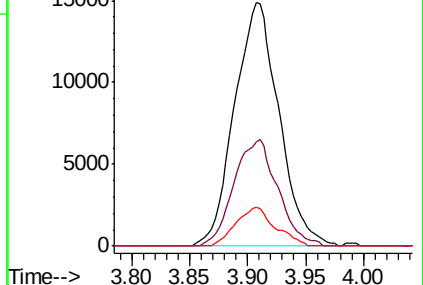
141 14.0 11.8 17.6

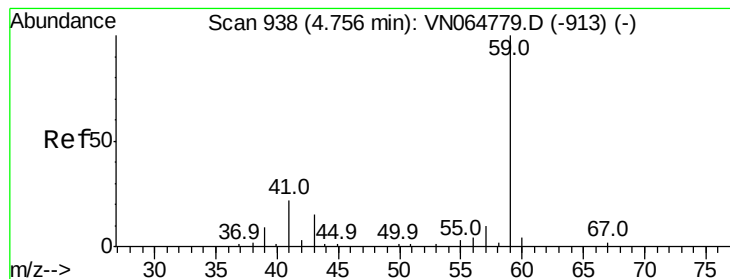


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 77.227 ug/l

RT: 4.74 min Scan# 932

Delta R.T. -0.02 min

Lab File: VN065012.D

Acq: 9 Dec 2020 11:46

Instrument :

MSVOA_N

ClientSampleId :

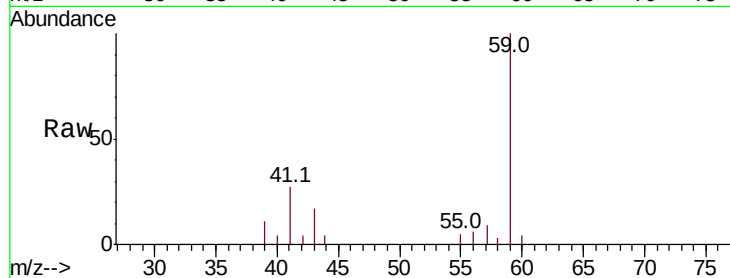
VN1209WBS01

Tot Ion: 59 Resp: 28355

Ion Ratio Lower Upper

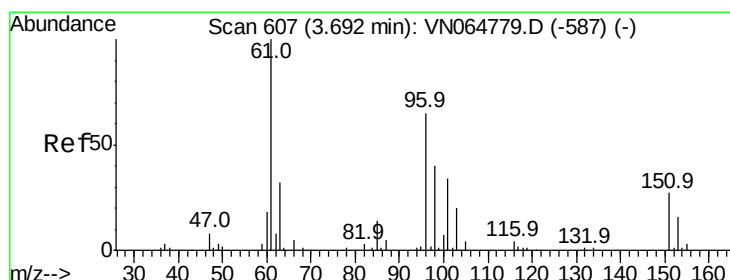
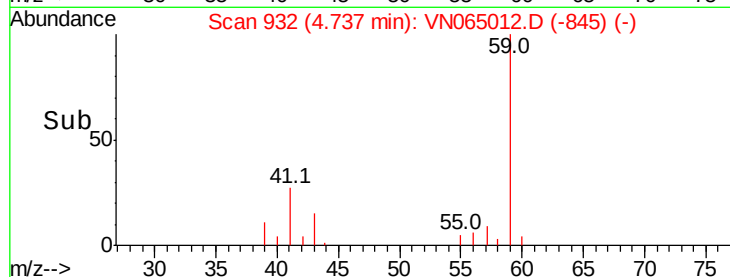
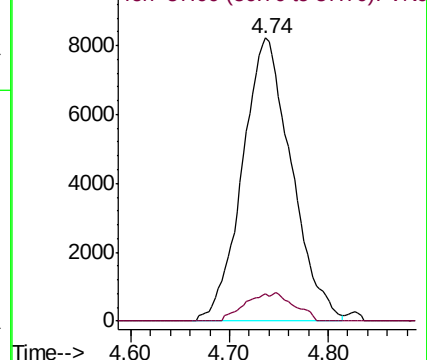
59 100

57 5.1 7.9 11.9#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#12

1,1-Dichloroethene

Concen: 17.041 ug/l

RT: 3.69 min Scan# 607

Delta R.T. 0.00 min

Lab File: VN065012.D

Acq: 9 Dec 2020 11:46

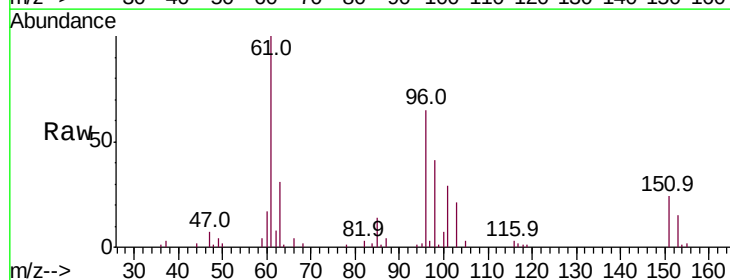
Tgt Ion: 96 Resp: 33464

Ion Ratio Lower Upper

96 100

61 153.8 123.4 185.2

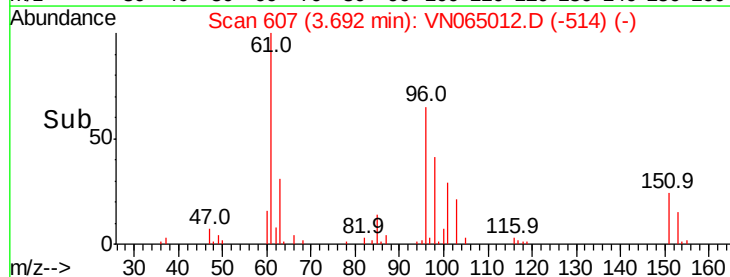
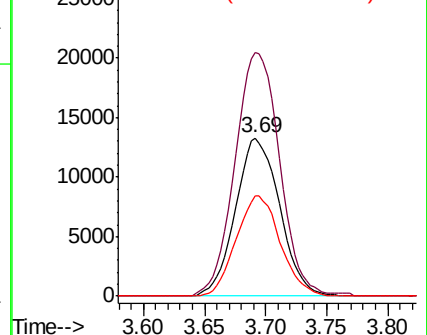
98 63.5 49.8 74.8

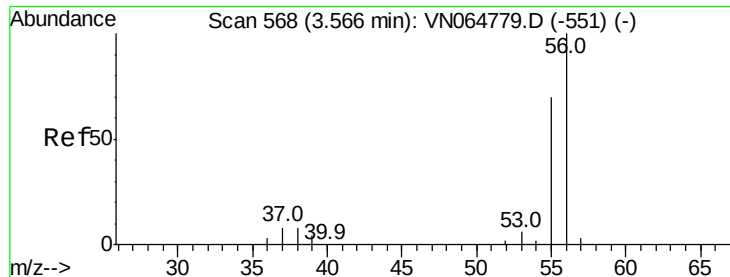


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#13

Acrolein

Concen: 76.809 ug/l

RT: 3.56 min Scan# 567

Delta R.T. -0.00 min

Lab File: VN065012.D

Acq: 9 Dec 2020 11:46

Instrument :

MSVOA_N

ClientSampleId :

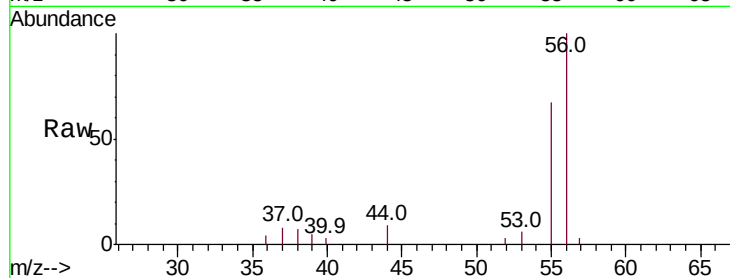
VN1209WBS01

Tot Ion: 56 Resp: 17226

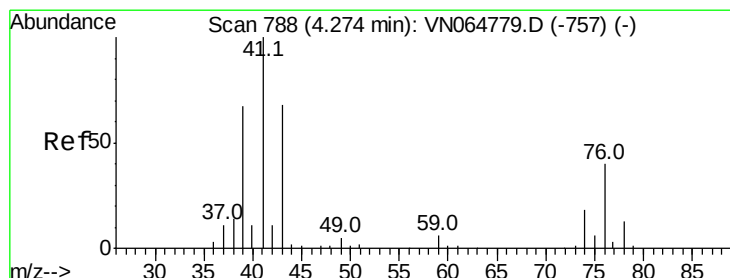
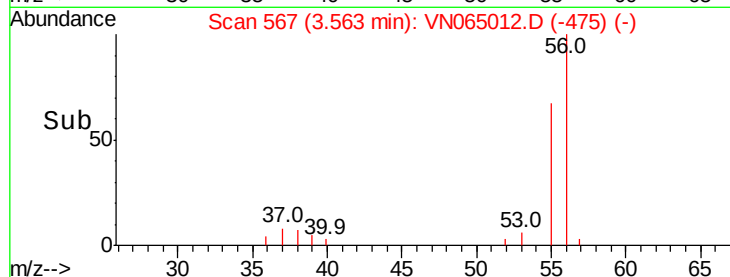
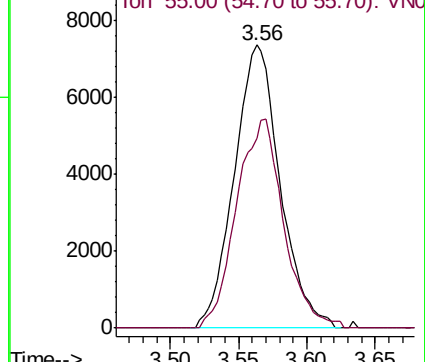
Ion Ratio Lower Upper

56 100

55 76.0 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VN064779.D (-551) (-)



#14

Allyl chloride

Concen: 16.571 ug/l

RT: 4.27 min Scan# 788

Delta R.T. 0.00 min

Lab File: VN065012.D

Acq: 9 Dec 2020 11:46

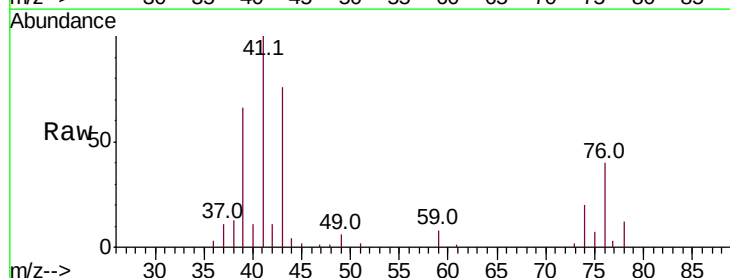
Tgt Ion: 41 Resp: 53673

Ion Ratio Lower Upper

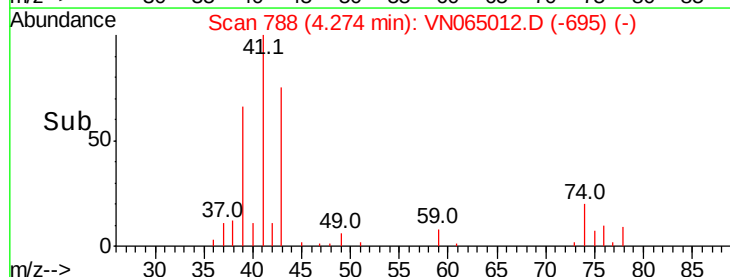
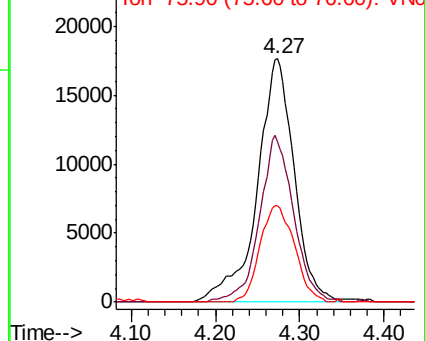
41 100

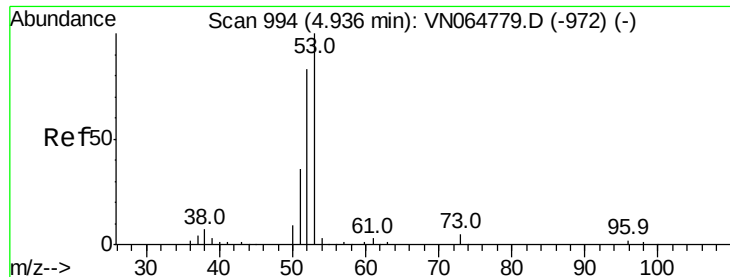
39 62.9 50.9 76.3

76 37.1 29.0 43.4



Abundance Ion 41.00 (40.70 to 41.70): VN064779.D (-757) (-)





#15

Acrylonitrile

Concen: 84.552 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.01 min

Lab File: VN065012.D

Acq: 9 Dec 2020 11:46

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBS01

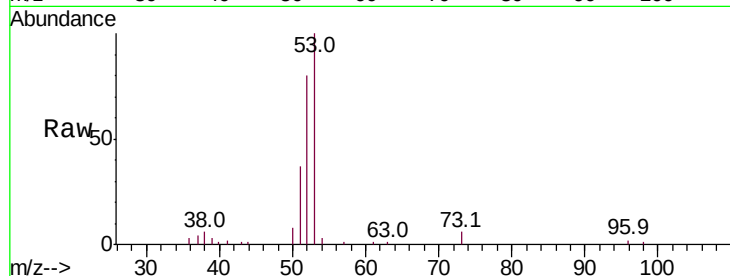
Tot Ion: 53 Resp: 85761

Ion Ratio Lower Upper

53 100

52 80.6 65.5 98.3

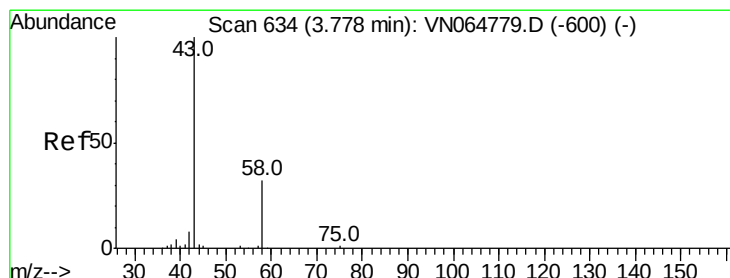
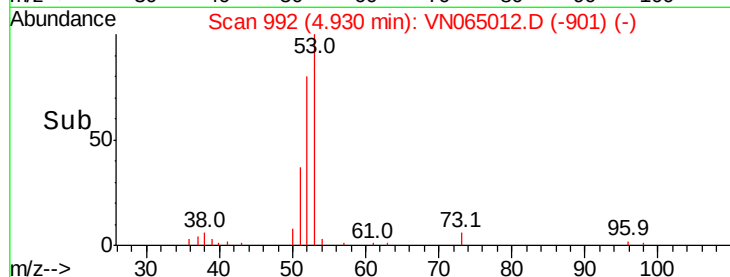
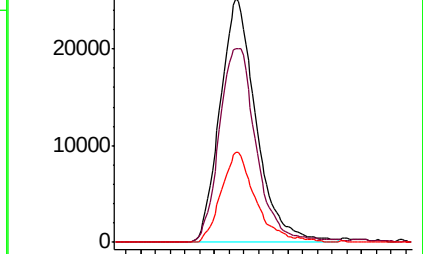
51 34.6 28.6 43.0



Abundance Ion 53.00 (52.70 to 53.70): VN064779.D (-972) (-)

Ion 52.00 (51.70 to 52.70): VN064779.D (-972) (-)

Ion 51.00 (50.70 to 51.70): VN064779.D (-972) (-)



#16

Acetone

Concen: 108.938 ug/l

RT: 3.77 min Scan# 632

Delta R.T. -0.01 min

Lab File: VN065012.D

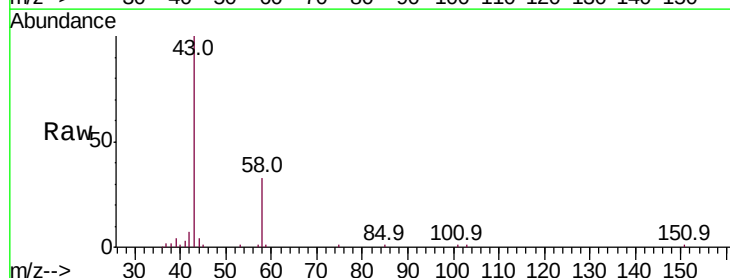
Acq: 9 Dec 2020 11:46

Tgt Ion: 43 Resp: 84311

Ion Ratio Lower Upper

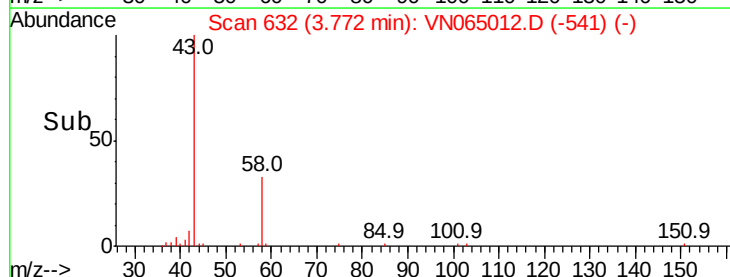
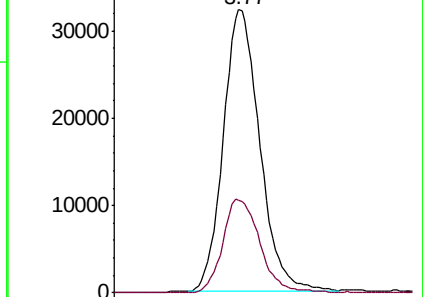
43 100

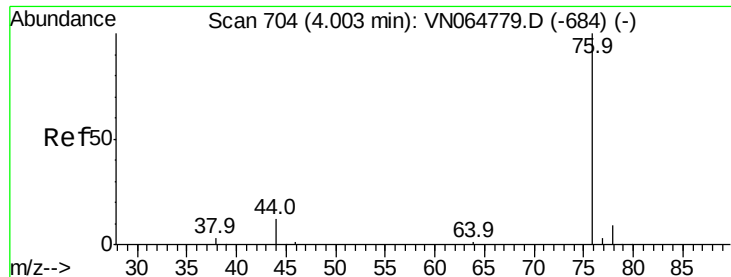
58 33.1 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VN064779.D (-600) (-)

Ion 58.00 (57.70 to 58.70): VN064779.D (-600) (-)

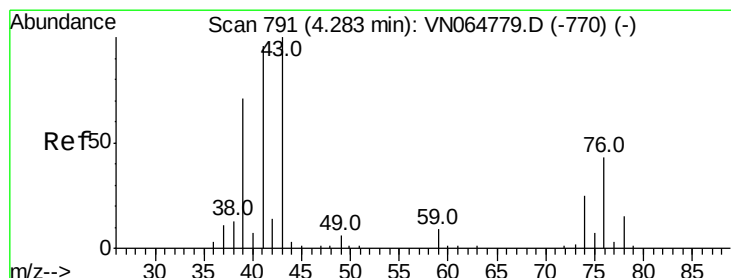
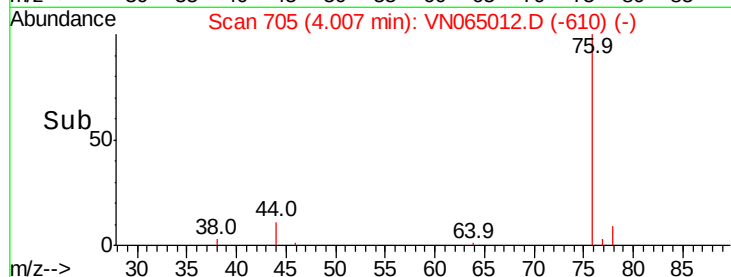
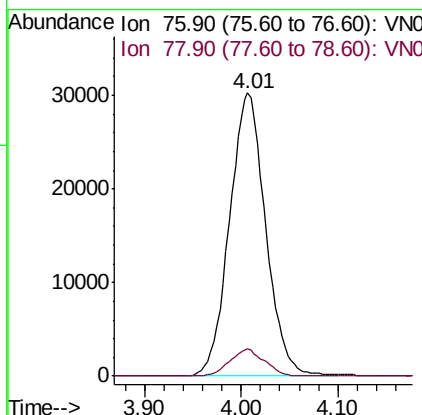
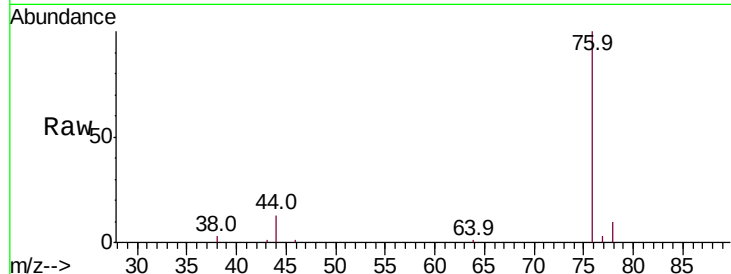




#17
Carbon Disulfide
Concen: 15.466 ug/l
RT: 4.01 min Scan# 705
Delta R.T. 0.00 min
Lab File: VN065012.D
Acq: 9 Dec 2020 11:46

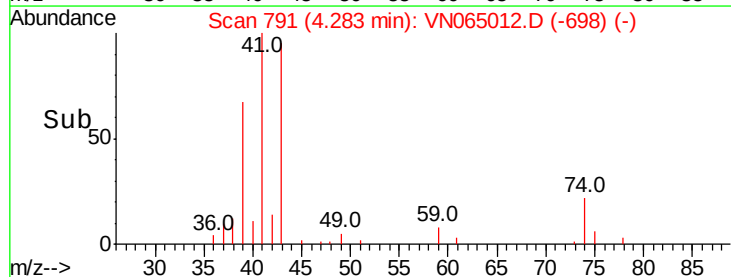
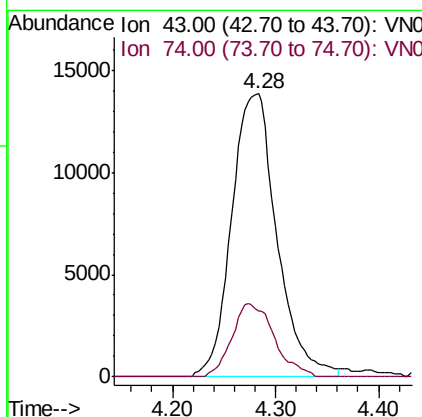
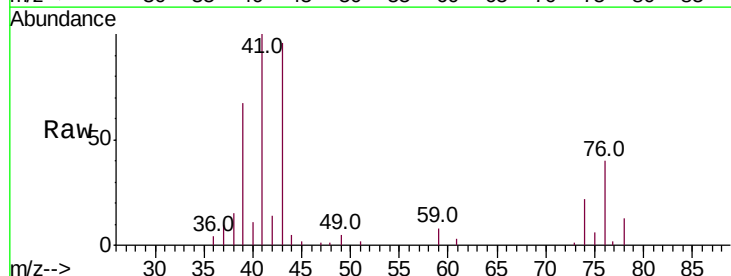
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01

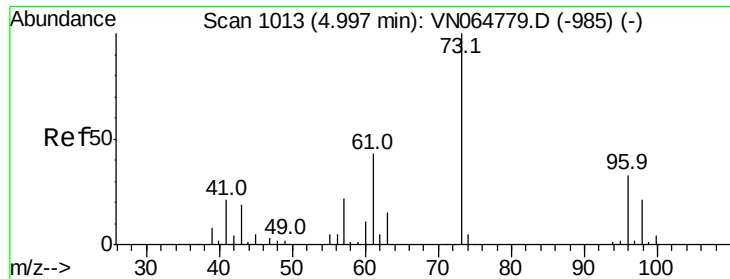
Tot Ion: 76 Resp: 78402
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0



#18
Methyl Acetate
Concen: 18.160 ug/l
RT: 4.28 min Scan# 791
Delta R.T. 0.00 min
Lab File: VN065012.D
Acq: 9 Dec 2020 11:46

Tgt Ion: 43 Resp: 42256
Ion Ratio Lower Upper
43 100
74 24.2 20.2 30.2

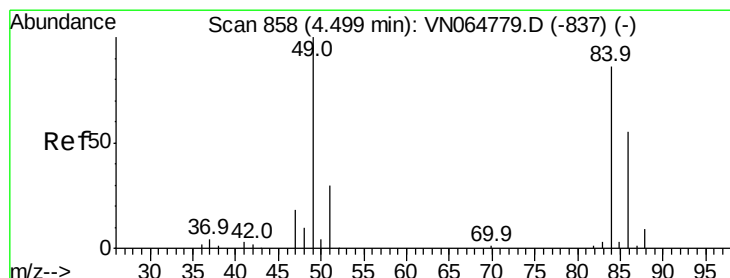
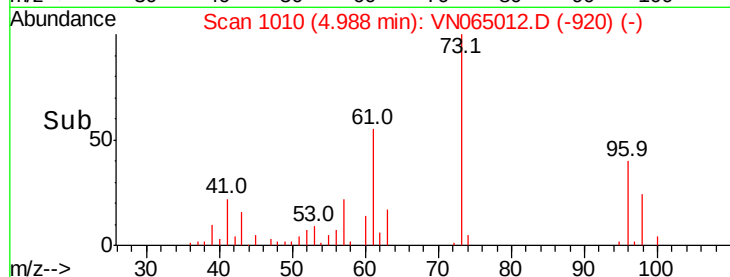
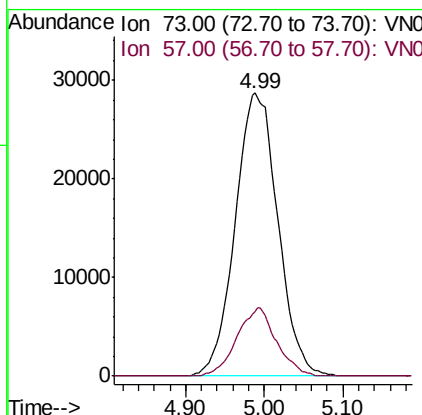
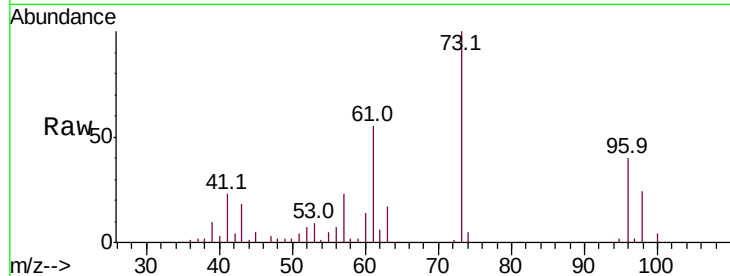




#19
Methyl tert-butyl Ether
Concen: 17.358 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VN065012.D
Acq: 9 Dec 2020 11:46

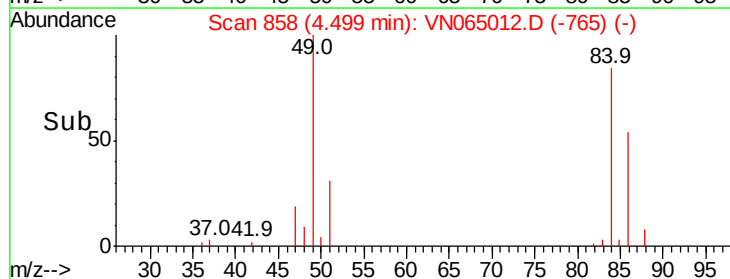
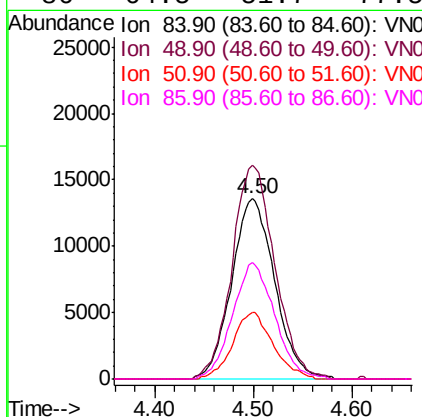
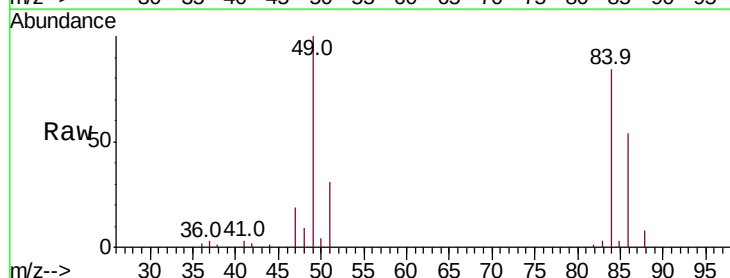
Instrument :
MSVOA_N
ClientSampled :
VN1209WBS01

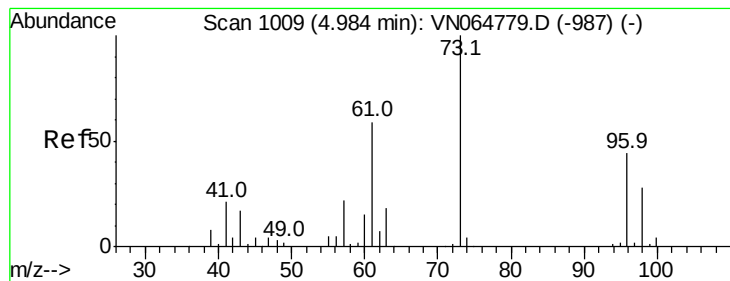
Tot Ion: 73 Resp: 109327
Ion Ratio Lower Upper
73 100
57 23.0 17.4 26.0



#20
Methylene Chloride
Concen: 16.986 ug/l
RT: 4.50 min Scan# 858
Delta R.T. 0.00 min
Lab File: VN065012.D
Acq: 9 Dec 2020 11:46

Tgt Ion: 84 Resp: 41193
Ion Ratio Lower Upper
84 100
49 118.6 93.4 140.0
51 37.3 28.2 42.4
86 64.5 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 16.995 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. 0.00 min

Lab File: VN065012.D

Acq: 9 Dec 2020 11:46

Instrument :

MSVOA_N

ClientSampled :

VN1209WBS01

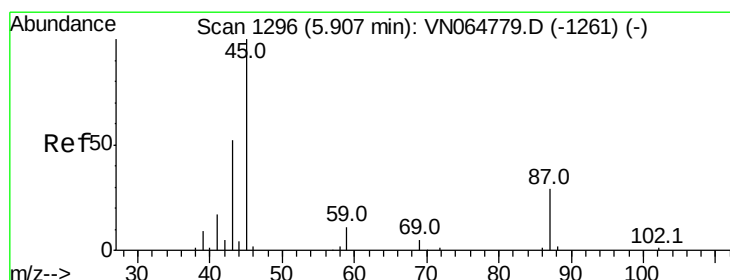
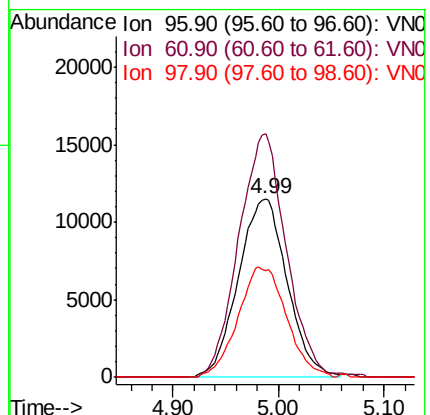
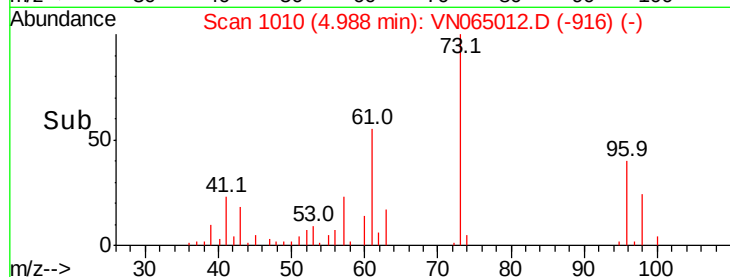
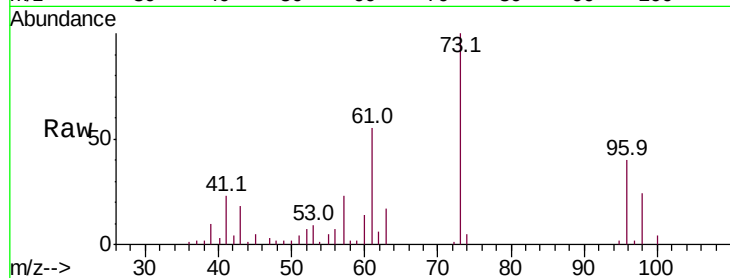
Tot Ion: 96 Resp: 37061

Ion Ratio Lower Upper

96 100

61 136.3 108.4 162.6

98 59.8 51.3 76.9



#22

Diisopropyl ether

Concen: 18.615 ug/l

RT: 5.90 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VN065012.D

Acq: 9 Dec 2020 11:46

Tgt Ion: 45 Resp: 120682

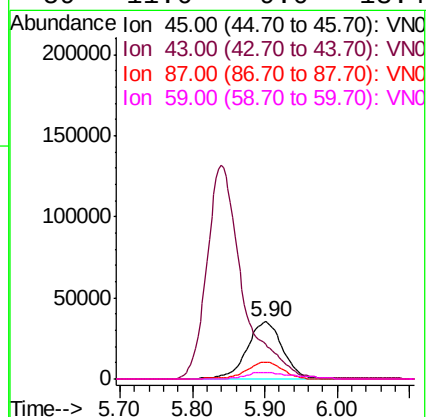
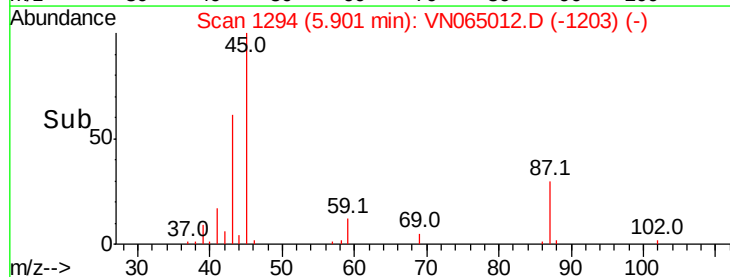
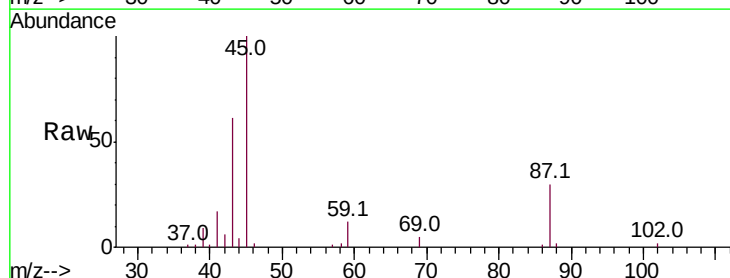
Ion Ratio Lower Upper

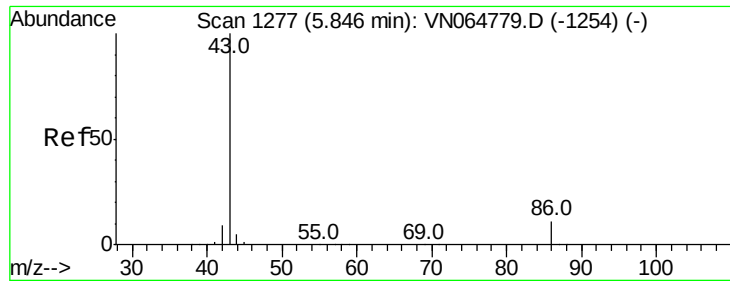
45 100

43 58.4 46.2 69.2

87 29.7 24.1 36.1

59 11.6 9.0 13.4

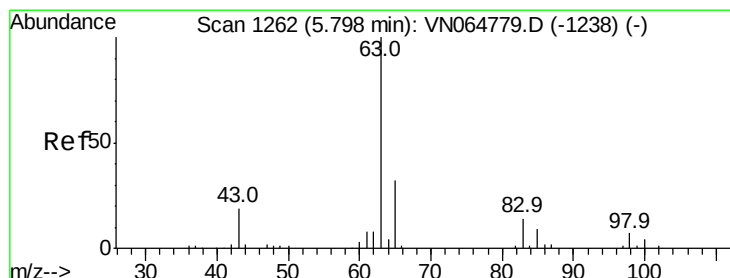
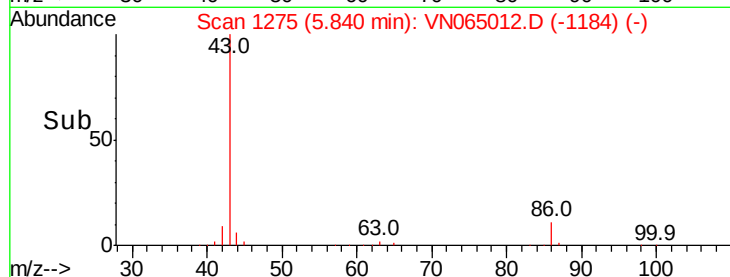
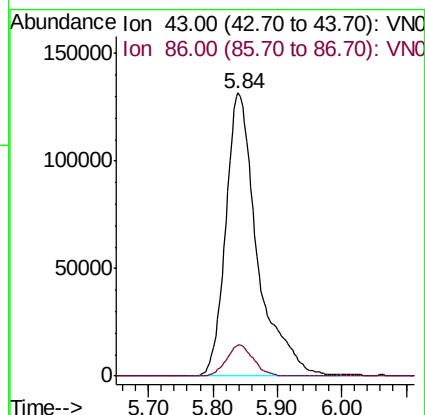
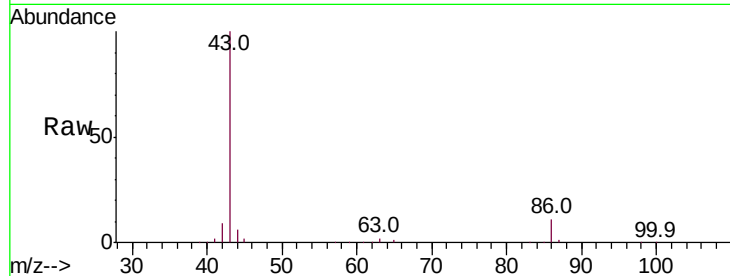




#23
 Vinyl Acetate
 Concen: 86.722 ug/l
 RT: 5.84 min Scan# 1275
 Delta R.T. -0.01 min
 Lab File: VN065012.D
 Acq: 9 Dec 2020 11:46

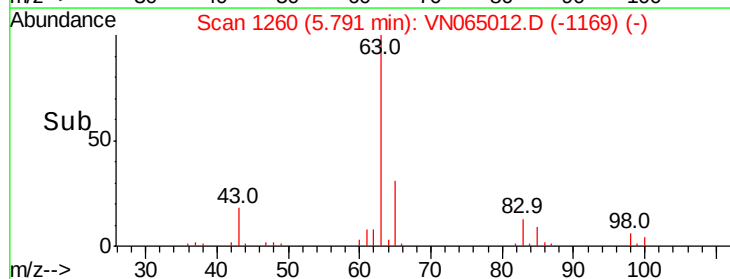
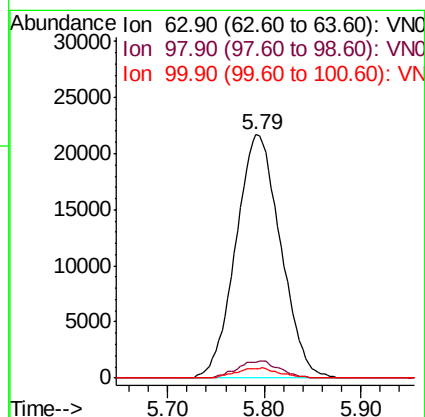
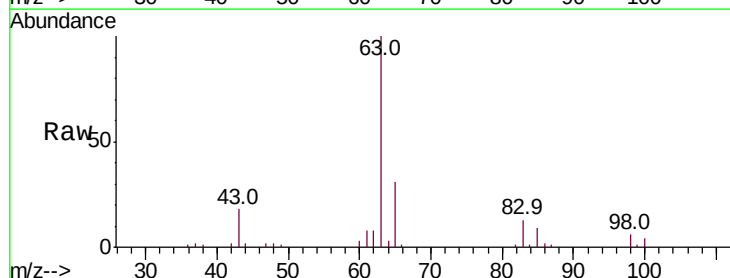
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1209WBS01

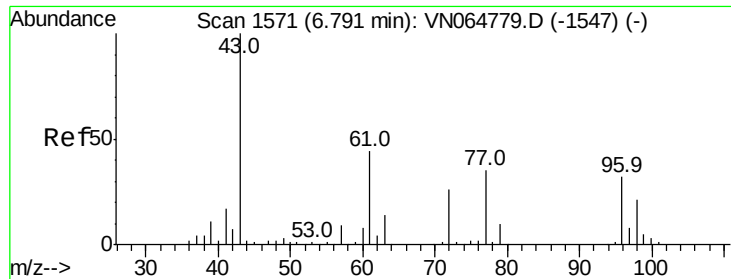
Tot Ion: 43 Resp: 449589
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.9 13.3



#24
 1,1-Dichloroethane
 Concen: 17.961 ug/l
 RT: 5.79 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: VN065012.D
 Acq: 9 Dec 2020 11:46

Tgt Ion: 63 Resp: 69589
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.5 10.5
 100 3.9 2.3 6.8

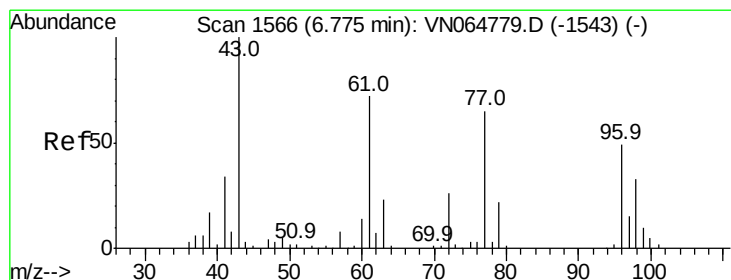
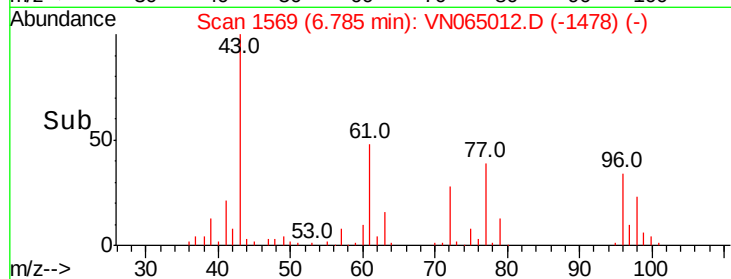
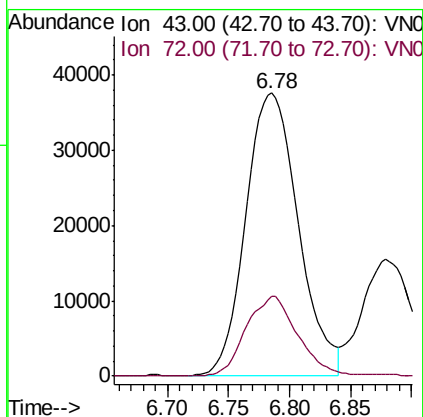
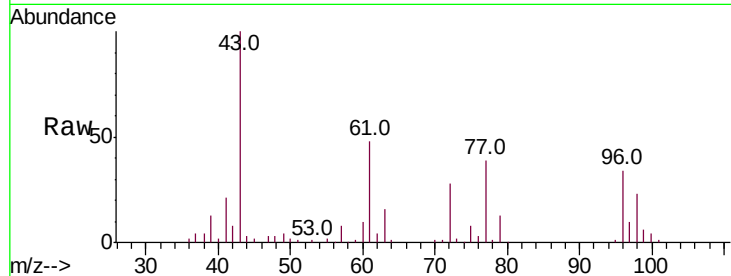




#25
2-Butanone
Concen: 89.803 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. -0.01 min
Lab File: VN065012.D
Acq: 9 Dec 2020 11:46

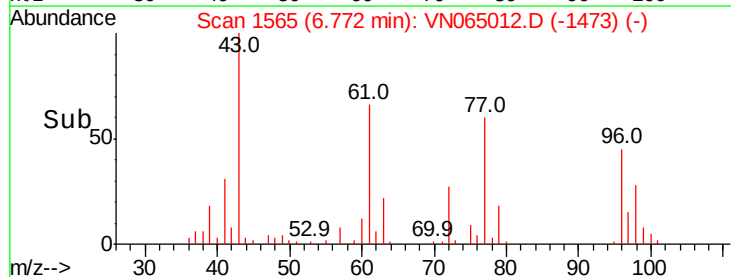
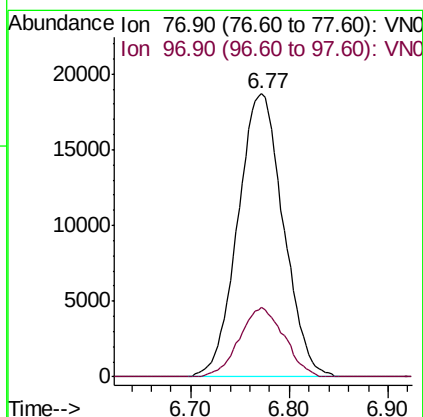
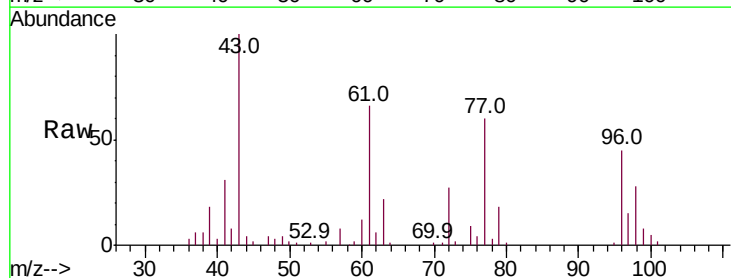
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01

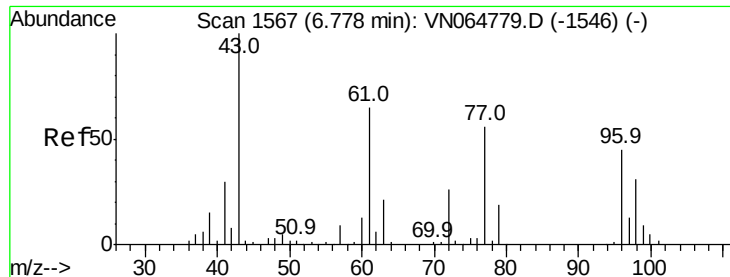
Tot Ion: 43 Resp: 112666
Ion Ratio Lower Upper
43 100
72 28.3 21.0 31.6



#26
2,2-Dichloropropane
Concen: 17.767 ug/l
RT: 6.77 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VN065012.D
Acq: 9 Dec 2020 11:46

Tgt Ion: 77 Resp: 59704
Ion Ratio Lower Upper
77 100
97 24.2 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 17.368 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN065012.D

Acq: 9 Dec 2020 11:46

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01

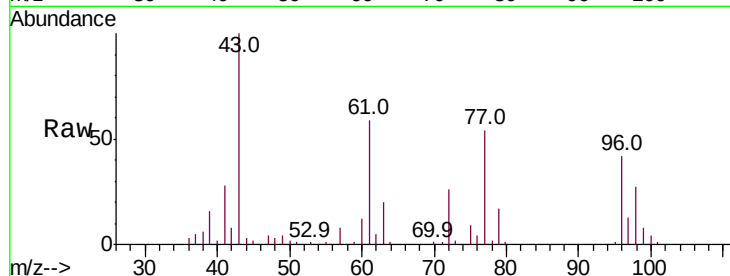
Tot Ion: 96 Resp: 42619

Ion Ratio Lower Upper

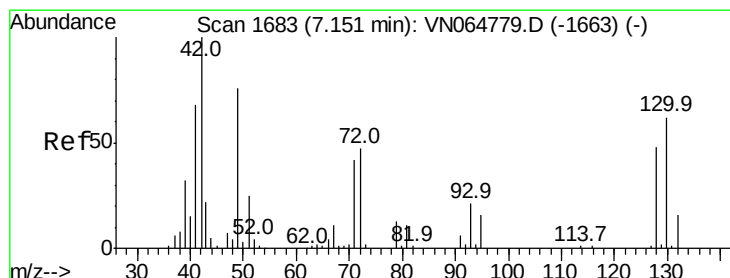
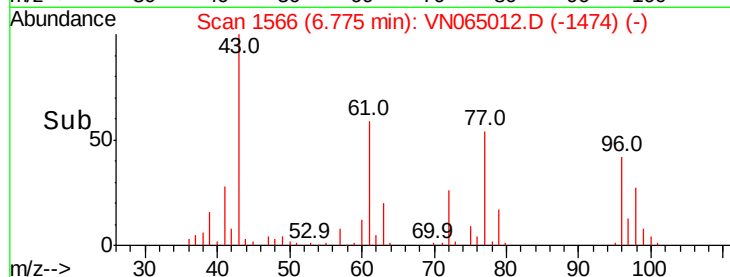
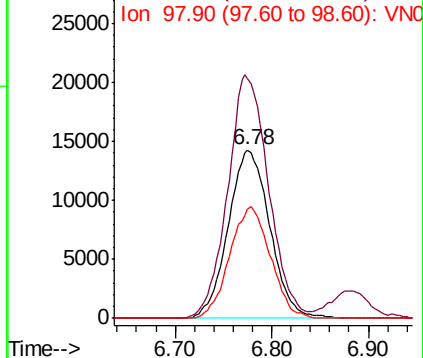
96 100

61 142.2 0.0 285.8

98 64.8 0.0 130.6



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: 17.873 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VN065012.D

Acq: 9 Dec 2020 11:46

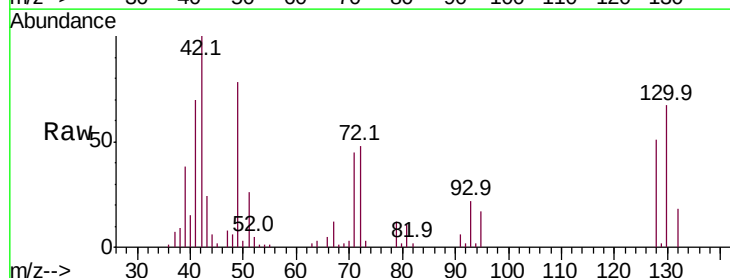
Tgt Ion: 49 Resp: 31679

Ion Ratio Lower Upper

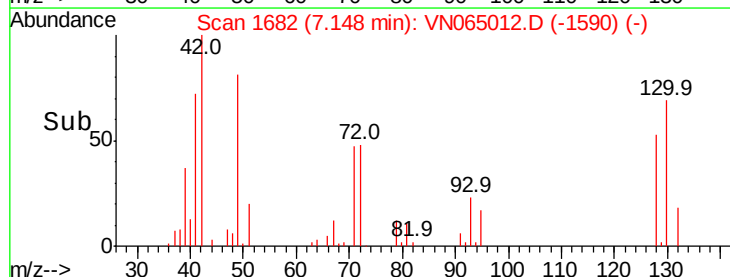
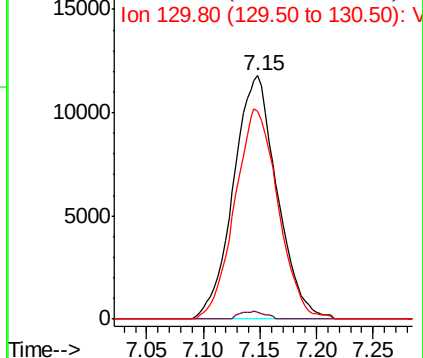
49 100

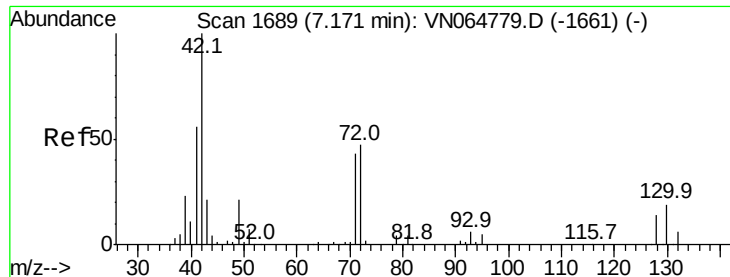
129 1.9 0.0 3.8

130 85.5 66.2 99.2



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: 80.242 ug/l

RT: 7.16 min Scan# 1687

Delta R.T. -0.01 min

Lab File: VN065012.D

Acq: 9 Dec 2020 11:46

Instrument :

MSVOA_N

ClientSampled :

VN1209WBS01

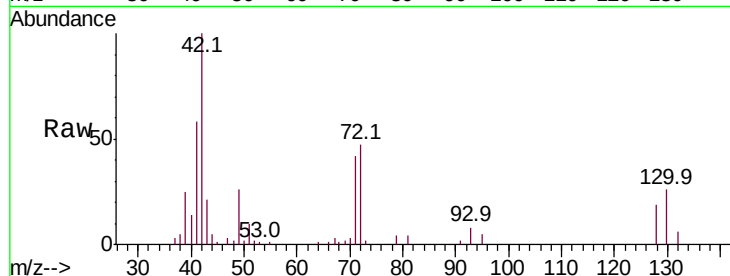
Tot Ion: 42 Resp: 69492

Ion Ratio Lower Upper

42 100

72 45.8 36.6 54.8

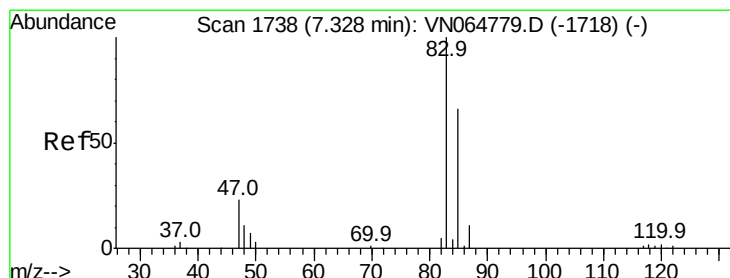
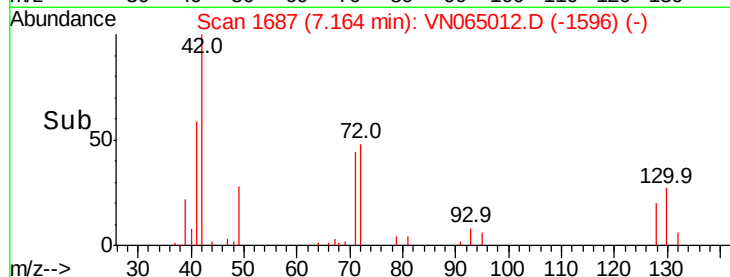
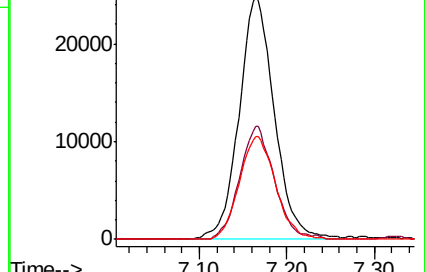
71 43.3 33.6 50.4



Abundance Ion 42.00 (41.70 to 42.70): VN064779.D (-1661) (-)

Ion 72.00 (71.70 to 72.70): VN064779.D (-1661) (-)

Ion 71.00 (70.70 to 71.70): VN064779.D (-1661) (-)



#30

Chloroform

Concen: 18.305 ug/l

RT: 7.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VN065012.D

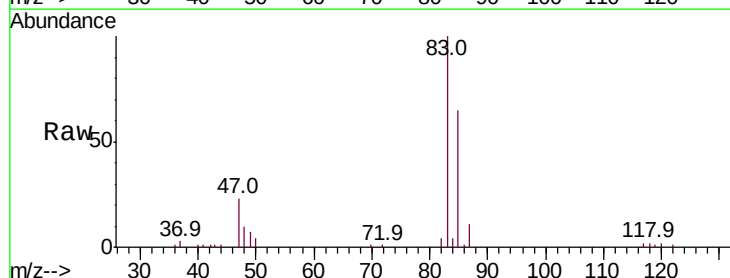
Acq: 9 Dec 2020 11:46

Tgt Ion: 83 Resp: 73136

Ion Ratio Lower Upper

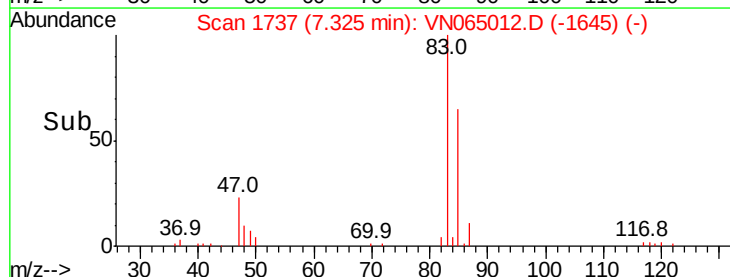
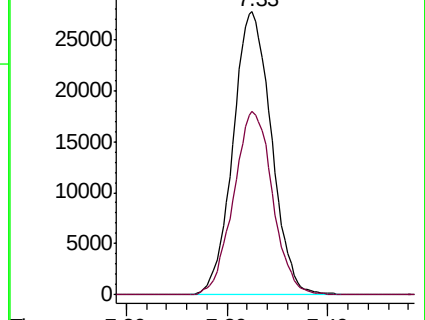
83 100

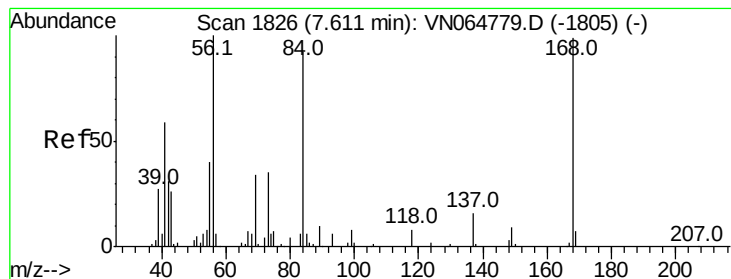
85 64.8 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VN064779.D (-1718) (-)

Ion 84.90 (84.60 to 85.60): VN064779.D (-1718) (-)





#31

Cyclohexane

Concen: 16.336 ug/l

RT: 7.61 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN065012.D

Acq: 9 Dec 2020 11:46

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBS01

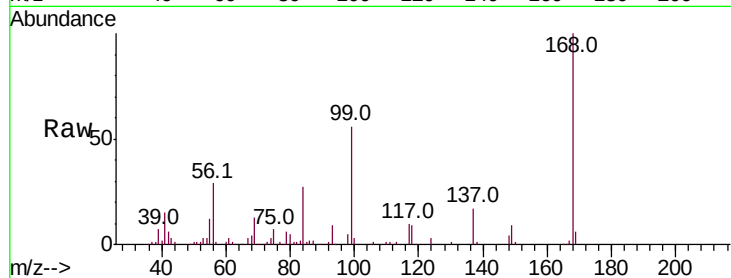
Tot Ion: 56 Resp: 53603

Ion Ratio Lower Upper

56 100

69 43.1 27.5 41.3#

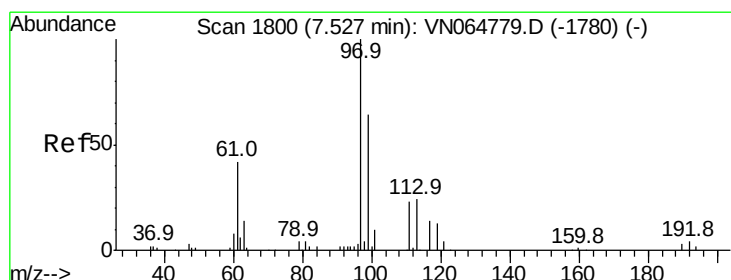
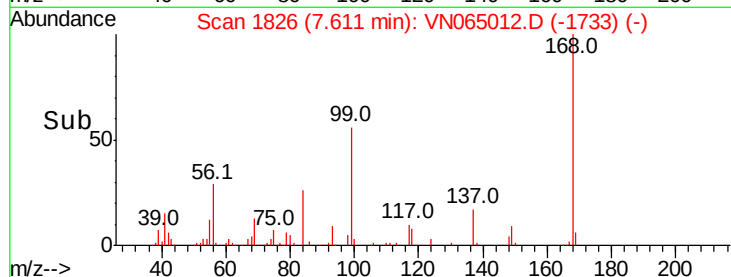
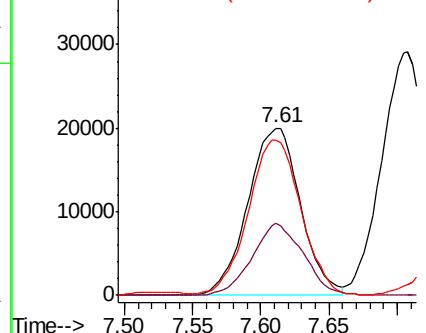
84 92.1 73.9 110.9



Abundance Ion 56.00 (55.70 to 56.70): VN064779.D (-1805) (-)

Ion 69.00 (68.70 to 69.70): VN064779.D (-1805) (-)

Ion 84.00 (83.70 to 84.70): VN064779.D (-1805) (-)



#32

1,1,1-Trichloroethane

Concen: 18.107 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN065012.D

Acq: 9 Dec 2020 11:46

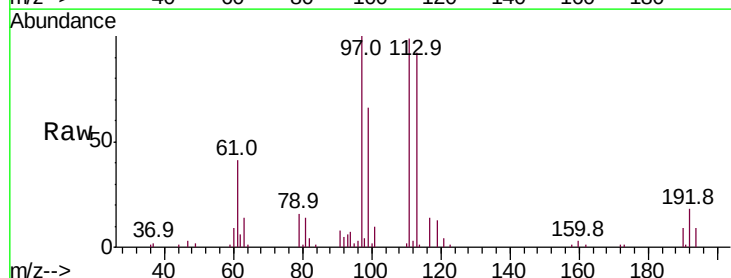
Tgt Ion: 97 Resp: 62137

Ion Ratio Lower Upper

97 100

99 65.0 51.7 77.5

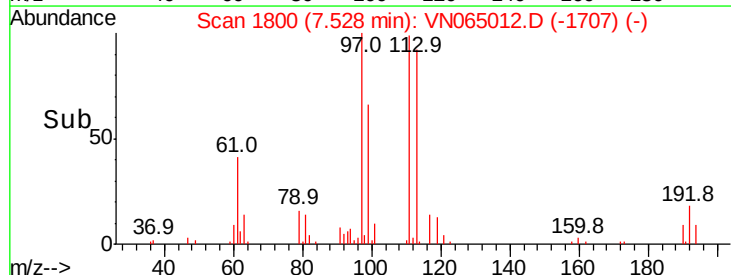
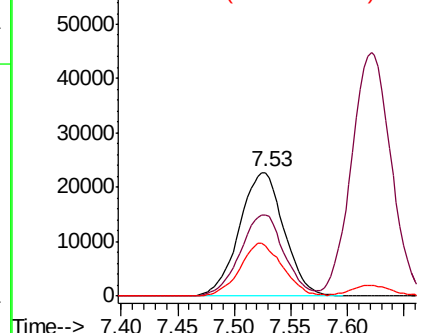
61 40.8 33.9 50.9

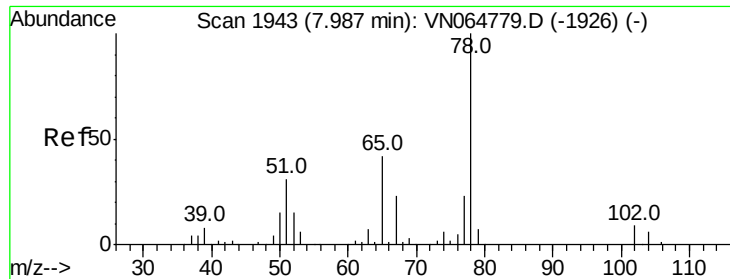


Abundance Ion 96.90 (96.60 to 97.60): VN064779.D (-1780) (-)

Ion 98.90 (98.60 to 99.60): VN064779.D (-1780) (-)

Ion 60.90 (60.60 to 61.60): VN064779.D (-1780) (-)

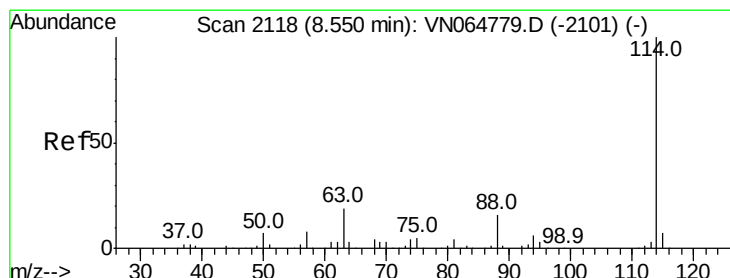
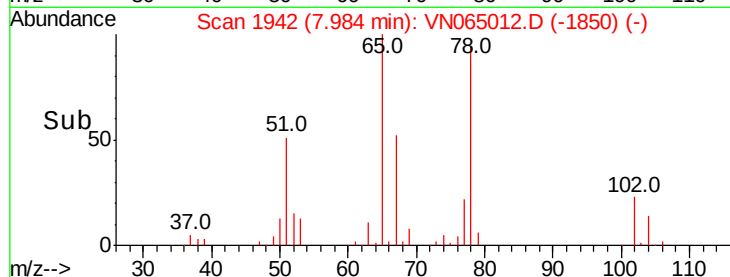
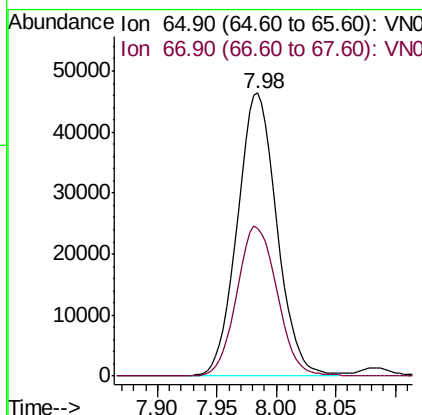
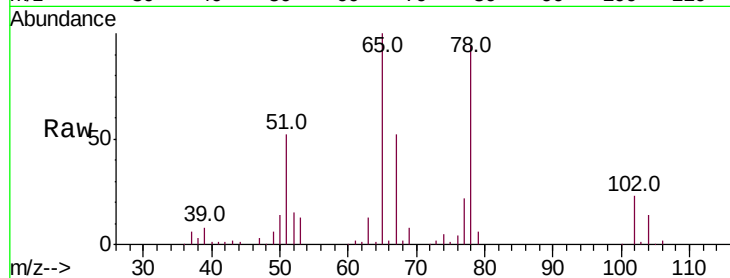




#33
 1,2-Dichloroethane-d4
 Concen: 45.454 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN065012.D
 Acq: 9 Dec 2020 11:46

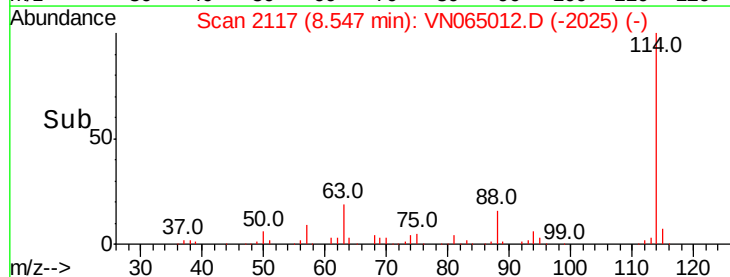
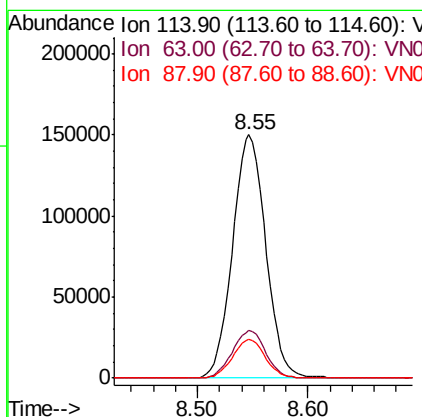
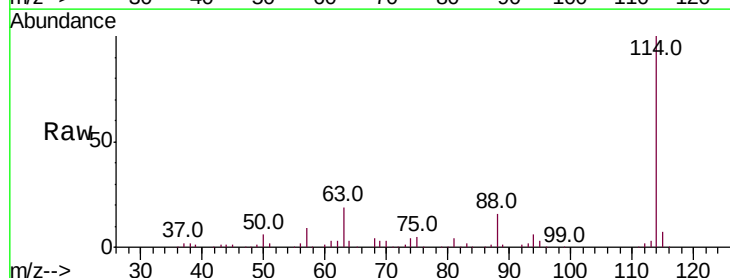
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1209WBS01

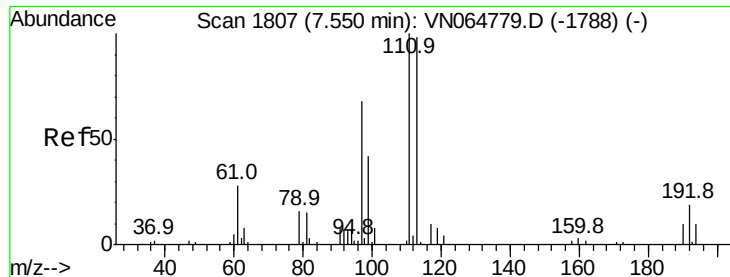
Tot Ion: 65 Resp: 107013
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN065012.D
 Acq: 9 Dec 2020 11:46

Tgt Ion: 114 Resp: 312957
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 38.6
 88 15.8 0.0 32.6

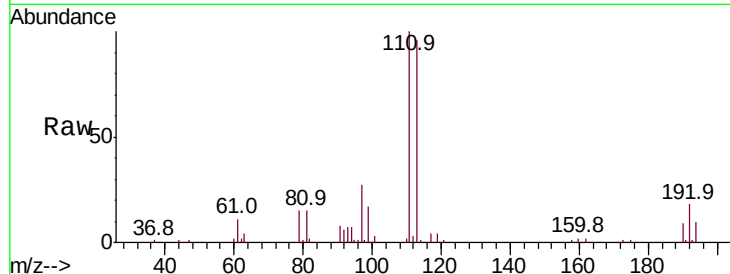




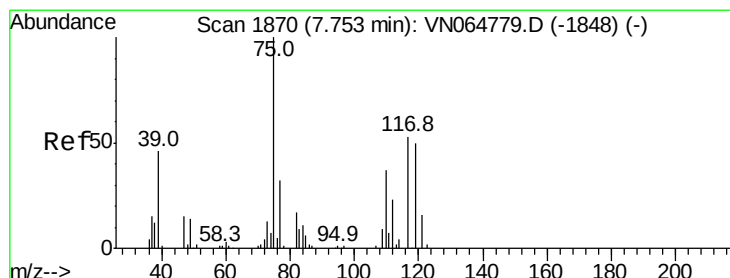
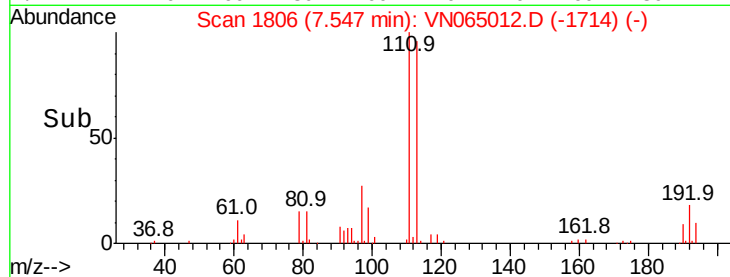
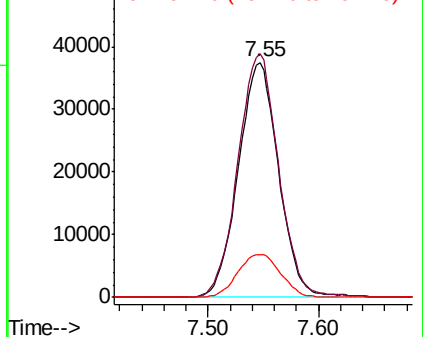
#35
 Dibromofluoromethane
 Concen: 50.542 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN065012.D
 Acq: 9 Dec 2020 11:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1209WBS01

Tot Ion:113 Resp: 94646
 Ion Ratio Lower Upper
 113 100
 111 104.9 81.6 122.4
 192 19.6 16.2 24.2

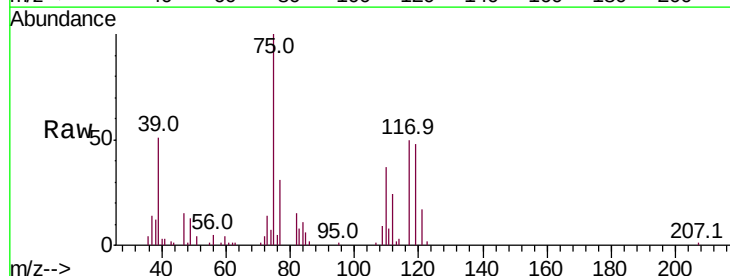


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

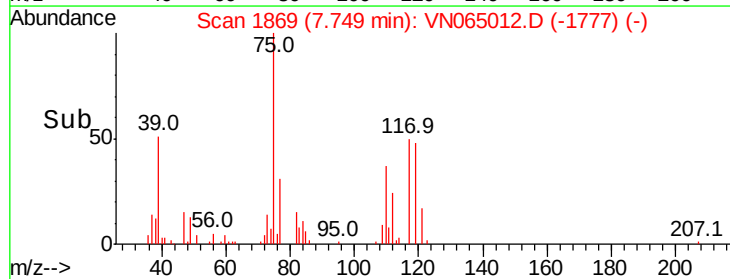
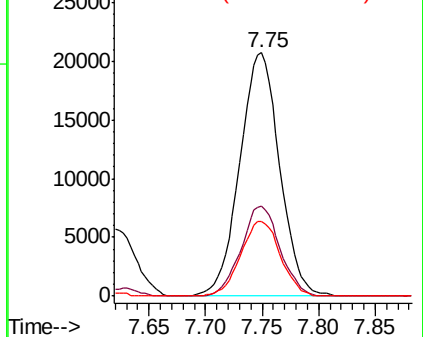


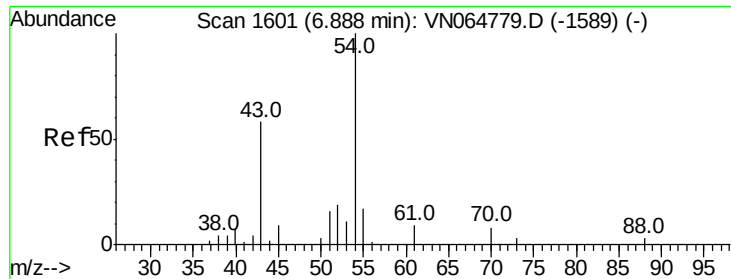
#36
 1,1-Dichloropropene
 Concen: 17.523 ug/l
 RT: 7.75 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VN065012.D
 Acq: 9 Dec 2020 11:46

Tgt Ion: 75 Resp: 50830
 Ion Ratio Lower Upper
 75 100
 110 35.9 17.8 53.3
 77 30.4 25.0 37.4



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

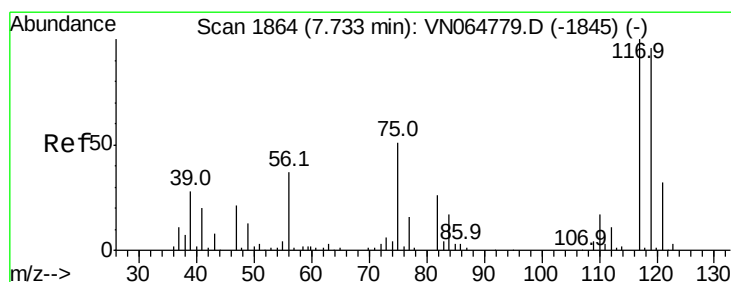
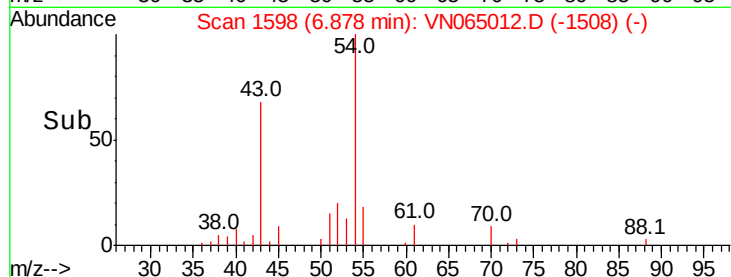
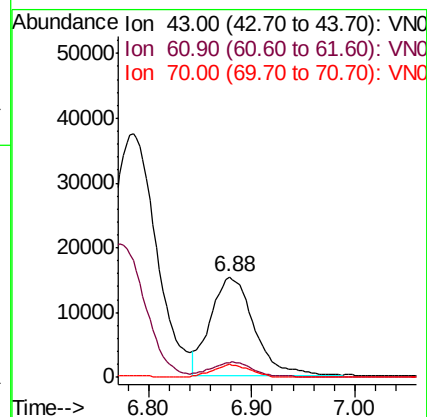
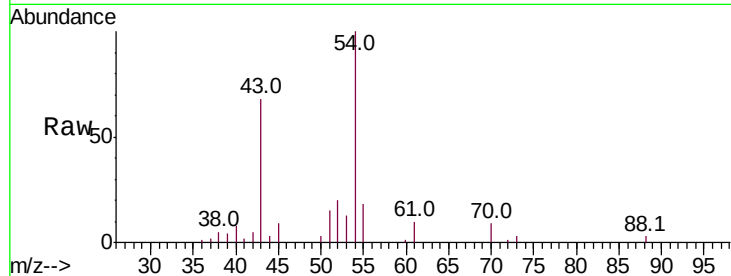




#37
Ethyl Acetate
Concen: 16.095 ug/l
RT: 6.88 min Scan# 1598
Delta R.T. -0.01 min
Lab File: VN065012.D
Acq: 9 Dec 2020 11:46

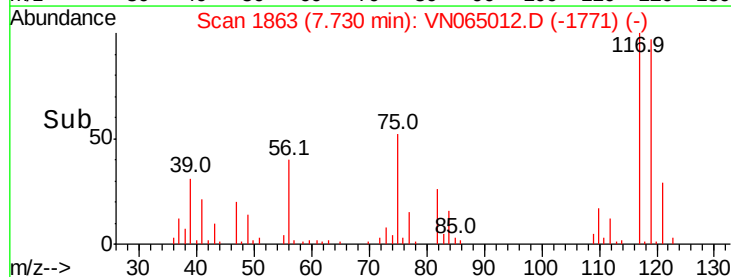
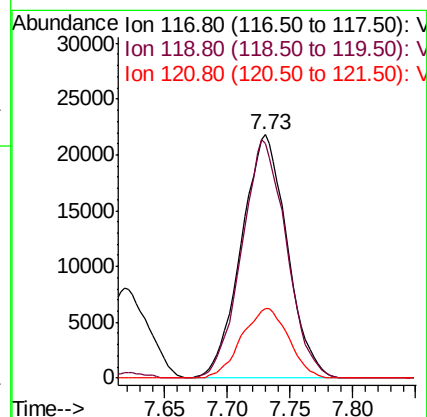
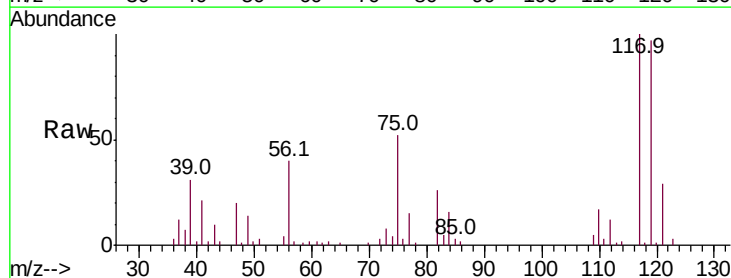
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01

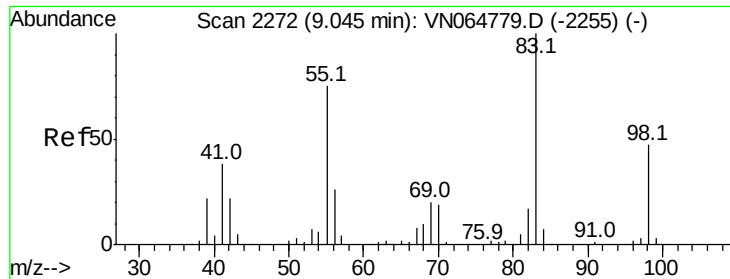
Tot Ion: 43 Resp: 44972
Ion Ratio Lower Upper
43 100
61 15.4 12.8 19.2
70 10.8 8.8 13.2



#38
Carbon Tetrachloride
Concen: 18.298 ug/l
RT: 7.73 min Scan# 1863
Delta R.T. -0.00 min
Lab File: VN065012.D
Acq: 9 Dec 2020 11:46

Tgt Ion: 117 Resp: 55228
Ion Ratio Lower Upper
117 100
119 96.6 76.7 115.1
121 28.6 25.4 38.2

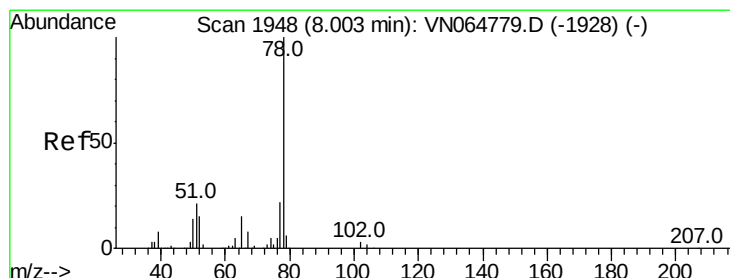
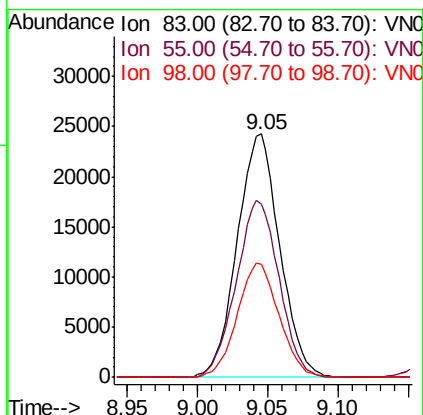
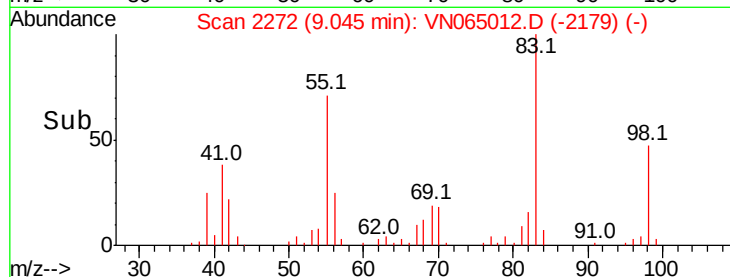
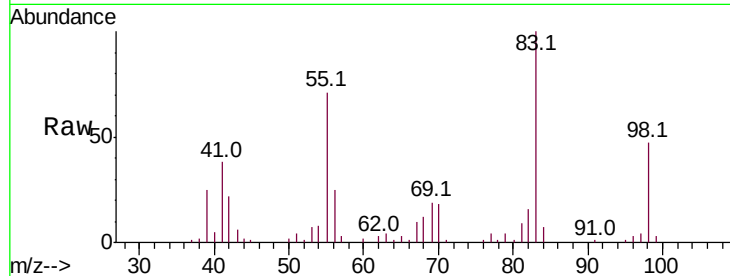




#39
Methvlcvclohexane
Concen: 16.392 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN065012.D
Acq: 9 Dec 2020 11:46

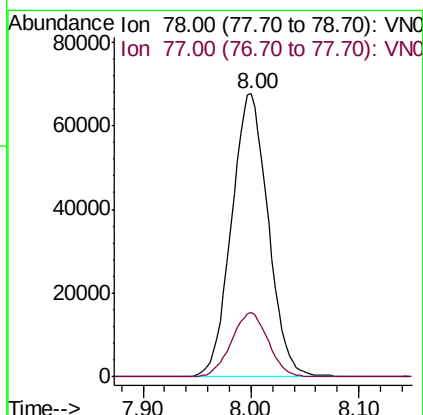
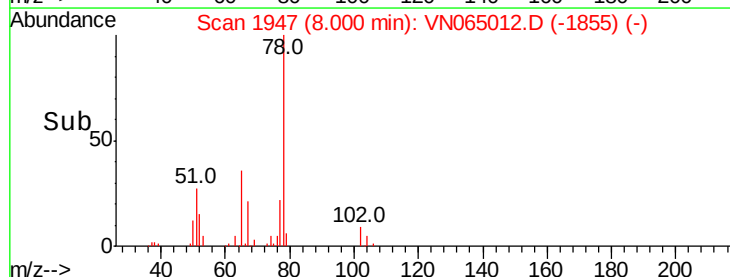
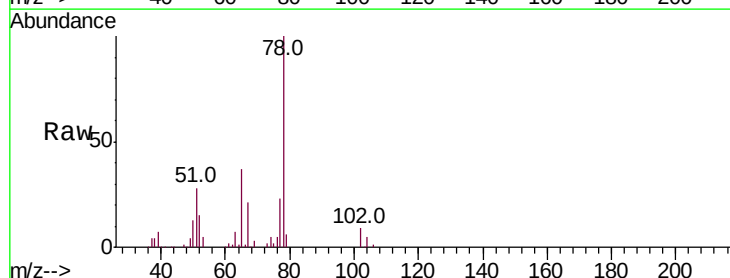
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01

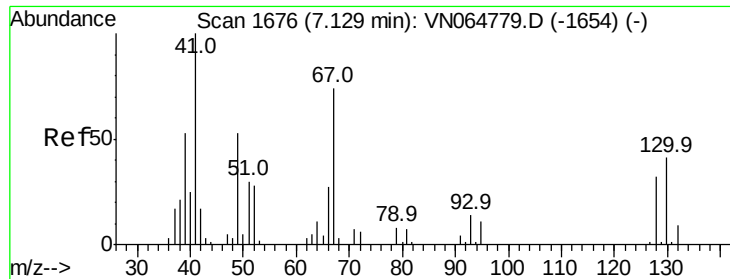
Tot Ion: 83 Resp: 51188
Ion Ratio Lower Upper
83 100
55 71.2 60.2 90.2
98 46.6 37.4 56.2



#40
Benzene
Concen: 17.985 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN065012.D
Acq: 9 Dec 2020 11:46

Tgt Ion: 78 Resp: 159866
Ion Ratio Lower Upper
78 100
77 22.6 17.9 26.9

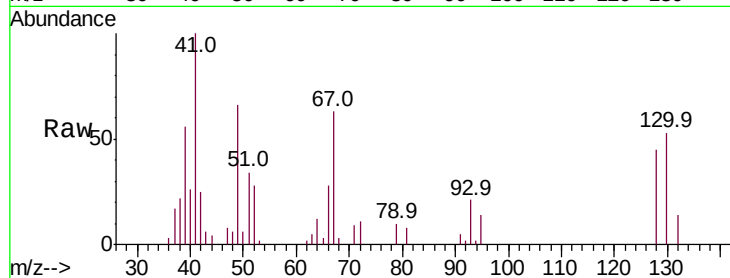




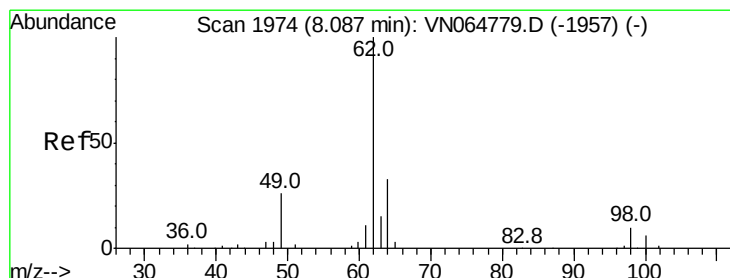
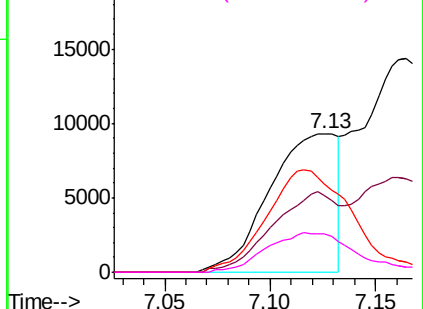
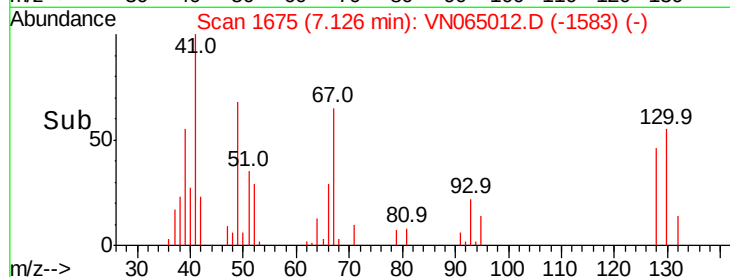
#41
Methacrylonitrile
Concen: 16.225 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. -0.00 min
Lab File: VN065012.D
Acq: 9 Dec 2020 11:46

Instrument :
MSVOA_N
ClientSampled :
VN1209WBS01

Tot Ion: 41 Resp: 20919
Ion Ratio Lower Upper
41 100
39 57.7 51.0 76.6
67 94.0 79.8 119.8
52 38.2 31.5 47.3

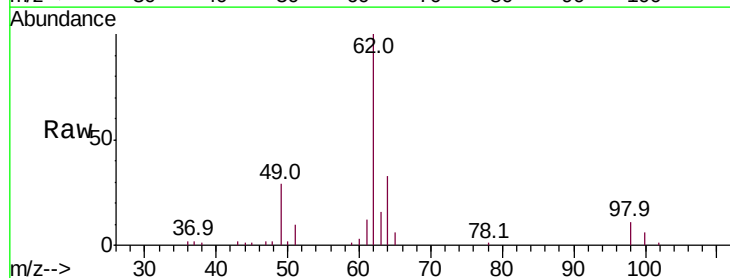


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

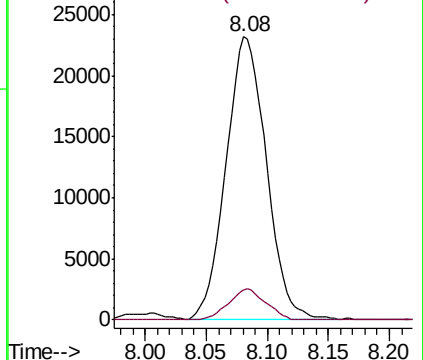
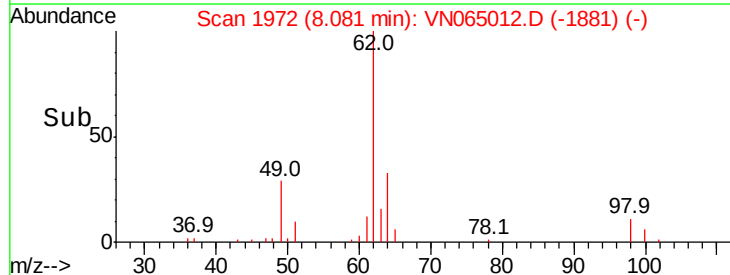


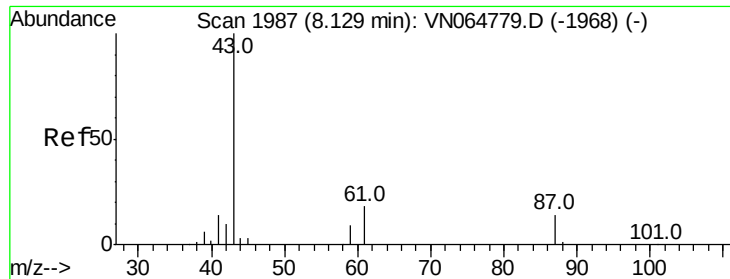
#42
1,2-Dichloroethane
Concen: 17.844 ug/l
RT: 8.08 min Scan# 1972
Delta R.T. -0.01 min
Lab File: VN065012.D
Acq: 9 Dec 2020 11:46

Tgt Ion: 62 Resp: 53508
Ion Ratio Lower Upper
62 100
98 10.1 0.0 19.6



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 97.90 (97.60 to 98.60): VNO





#43

Isopropyl Acetate

Concen: 17.276 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN065012.D

Acq: 9 Dec 2020 11:46

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBS01

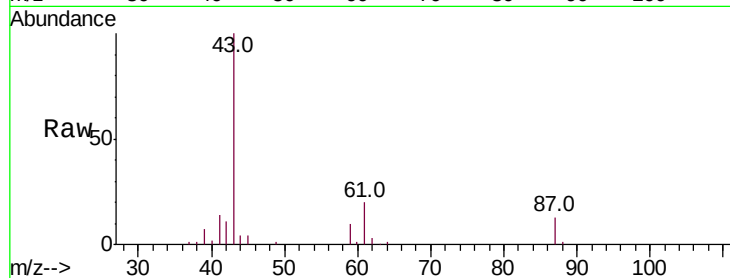
Tot Ion: 43 Resp: 77678

Ion Ratio Lower Upper

43 100

61 19.9 17.2 25.8

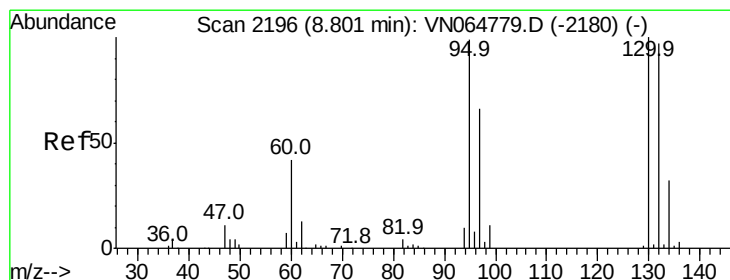
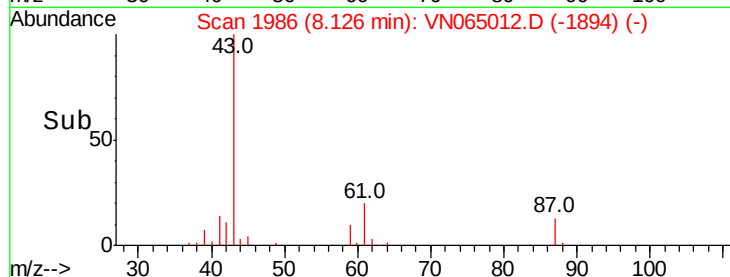
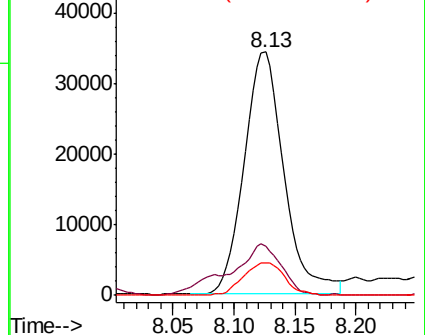
87 13.9 11.4 17.0



Abundance Ion 43.00 (42.70 to 43.70): VN064779.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN064779.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN064779.D (-1968) (-)



#44

Trichloroethene

Concen: 17.232 ug/l

RT: 8.80 min Scan# 2195

Delta R.T. -0.00 min

Lab File: VN065012.D

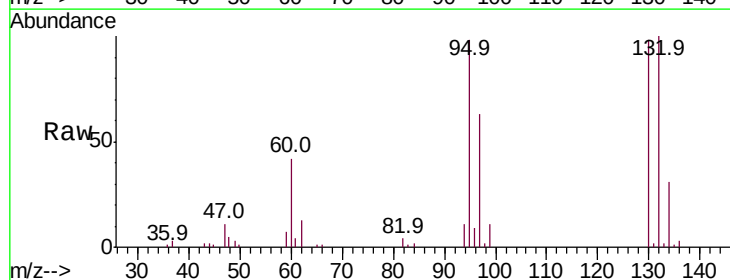
Acq: 9 Dec 2020 11:46

Tgt Ion:130 Resp: 45195

Ion Ratio Lower Upper

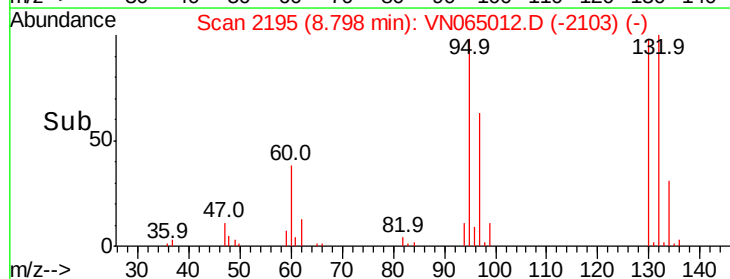
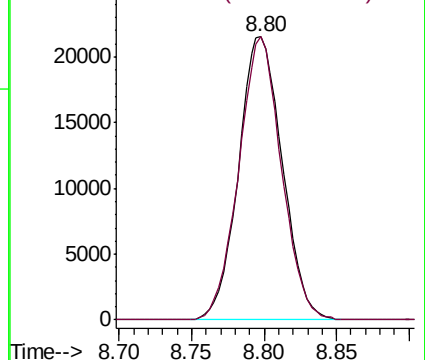
130 100

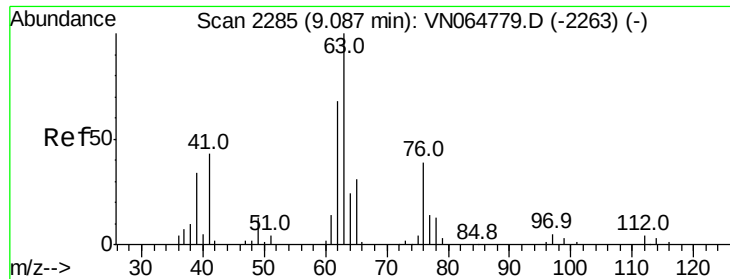
95 100.1 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): VN064779.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN064779.D (-2180) (-)





#45

1,2-Dichloropropane

Concen: 18.803 ug/l

RT: 9.08 min Scan# 2283

Delta R.T. -0.01 min

Lab File: VN065012.D

Acq: 9 Dec 2020 11:46

Instrument :

MSVOA_N

ClientSampleId :

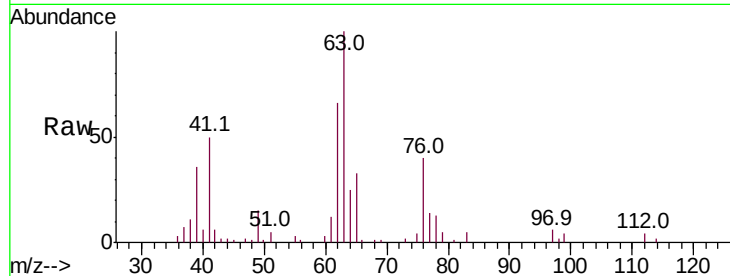
VN1209WBS01

Tot Ion: 63 Resp: 43285

Ion Ratio Lower Upper

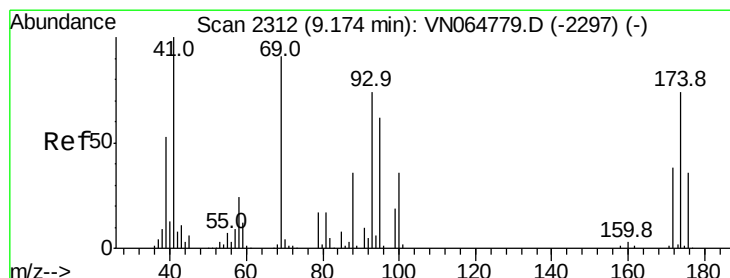
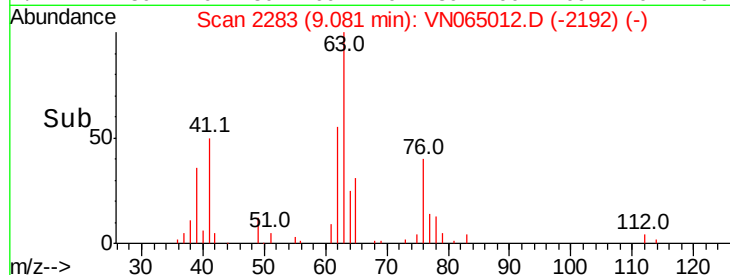
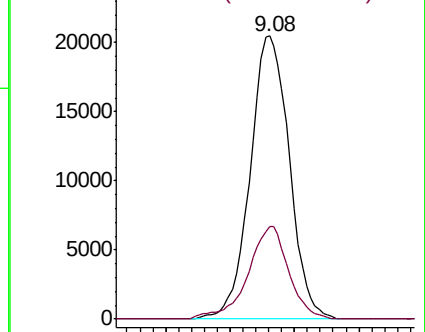
63 100

65 32.6 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 18.368 ug/l

RT: 9.17 min Scan# 2311

Delta R.T. -0.00 min

Lab File: VN065012.D

Acq: 9 Dec 2020 11:46

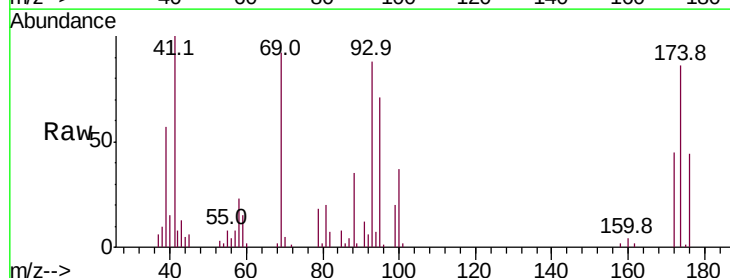
Tgt Ion: 93 Resp: 28248

Ion Ratio Lower Upper

93 100

95 81.8 68.8 103.2

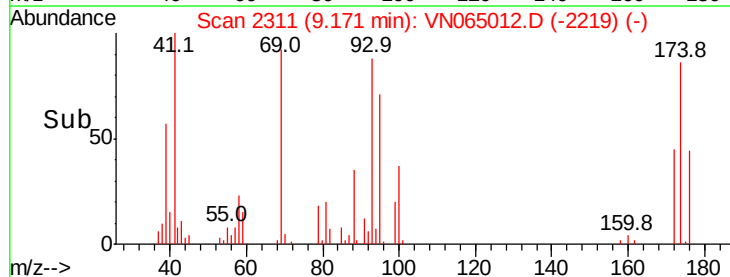
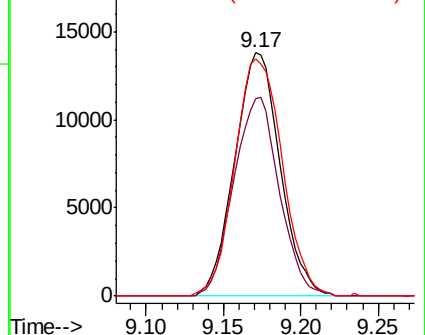
174 102.1 83.1 124.7

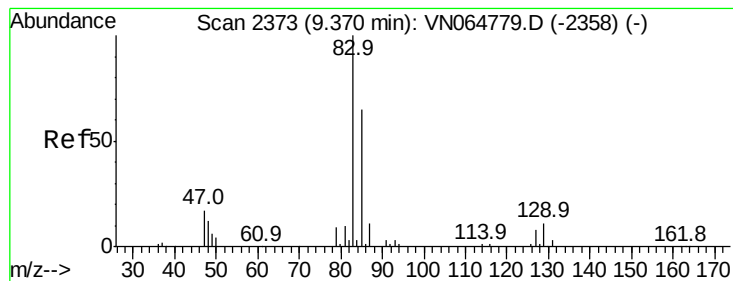


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.628 ug/l

RT: 9.37 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN065012.D

Acq: 9 Dec 2020 11:46

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBS01

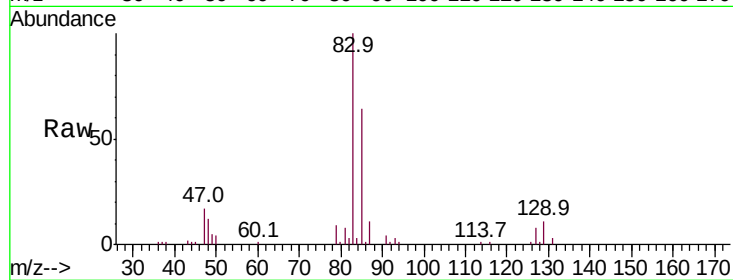
Tot Ion: 83 Resp: 57643

Ion Ratio Lower Upper

83 100

85 64.4 51.8 77.8

127 8.4 6.8 10.2

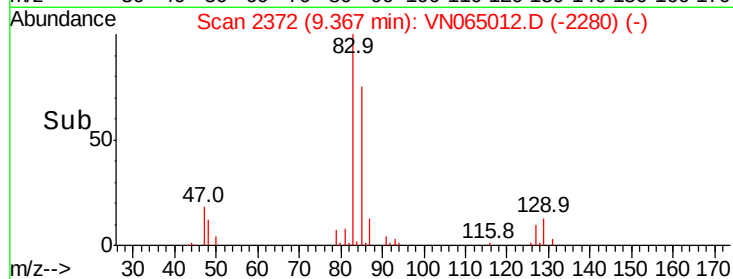


Abundance Ion 82.90 (82.60 to 83.60): VN064779.D (-2358) (-)

Ion 84.90 (84.60 to 85.60): VN064779.D (-2358) (-)

Ion 126.80 (126.50 to 127.50): VN064779.D (-2358) (-)

9.37



9.37

9.37

9.37

9.37

9.37

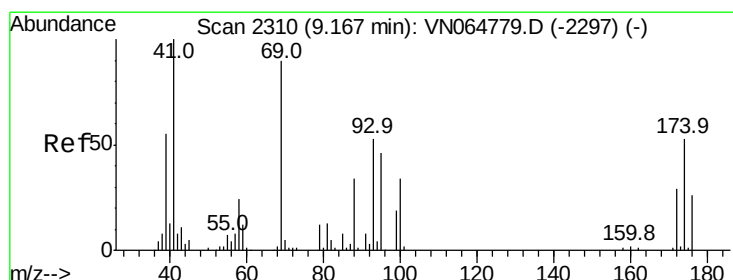
9.37

9.37

9.37

9.37

9.37



#48

Methyl methacrylate

Concen: 16.304 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN065012.D

Acq: 9 Dec 2020 11:46

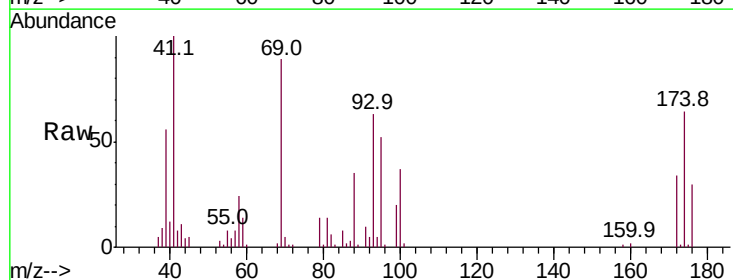
Tgt Ion: 41 Resp: 35029

Ion Ratio Lower Upper

41 100

69 94.3 71.8 107.8

39 55.4 44.1 66.1

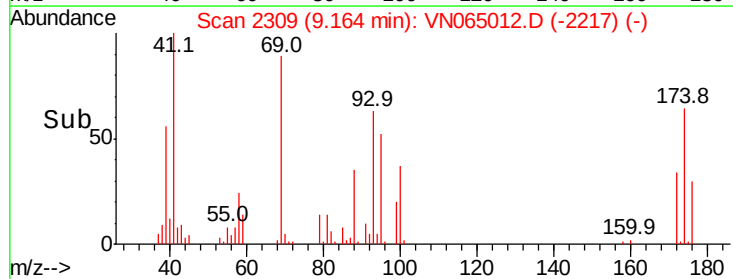


Abundance Ion 41.00 (40.70 to 41.70): VN064779.D (-2297) (-)

Ion 69.00 (68.70 to 69.70): VN064779.D (-2297) (-)

Ion 39.00 (38.70 to 39.70): VN064779.D (-2297) (-)

9.16



9.16

9.16

9.16

9.16

9.16

9.16

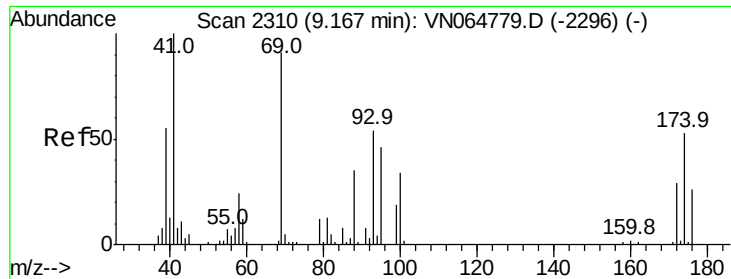
9.16

9.16

9.16

9.16

9.16



#49

1,4-Dioxane

Concen: 327.925 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN065012.D

Acq: 9 Dec 2020 11:46

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBS01

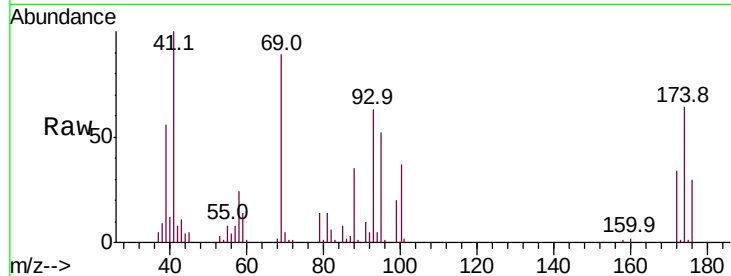
Tot Ion: 88 Resp: 13316

Ion Ratio Lower Upper

88 100

43 29.5 24.2 36.4

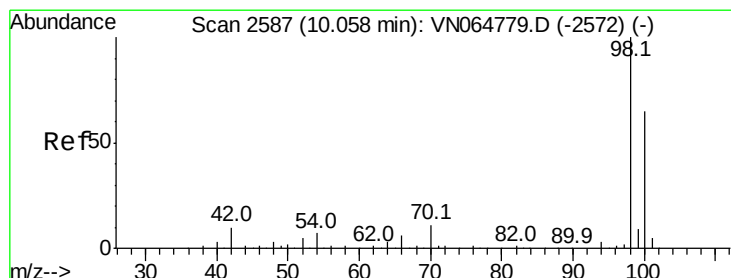
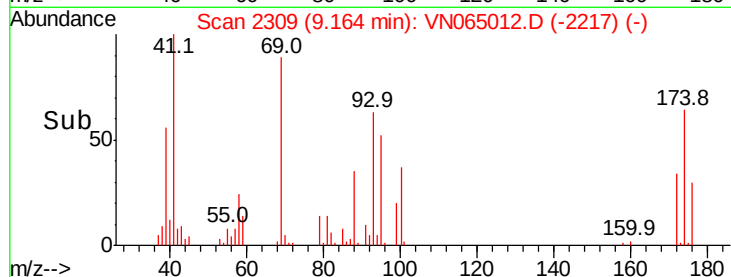
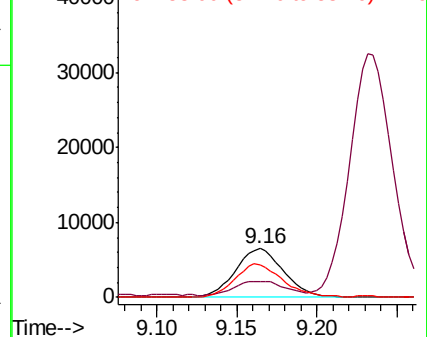
58 68.6 52.5 78.7



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 46.845 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN065012.D

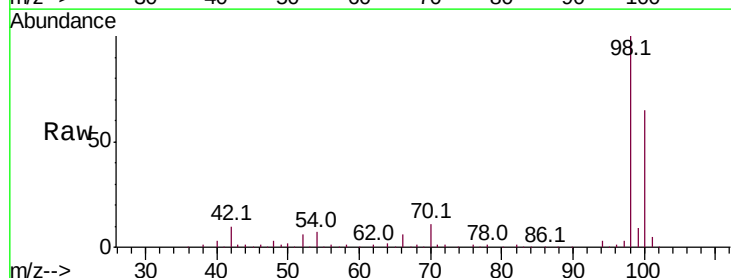
Acq: 9 Dec 2020 11:46

Tgt Ion: 98 Resp: 358432

Ion Ratio Lower Upper

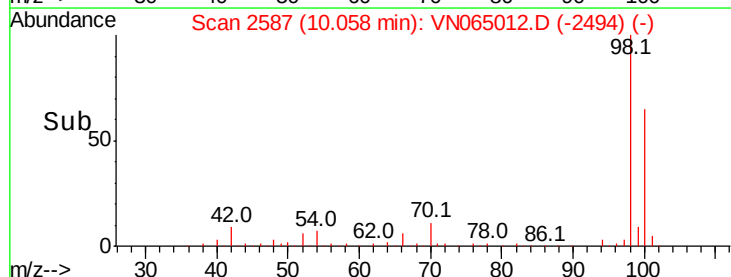
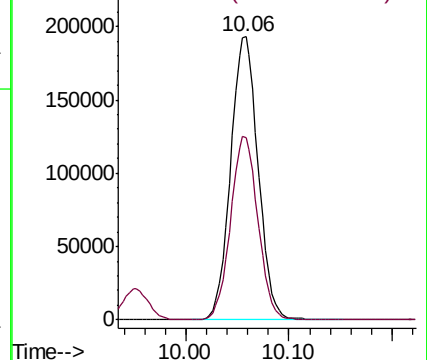
98 100

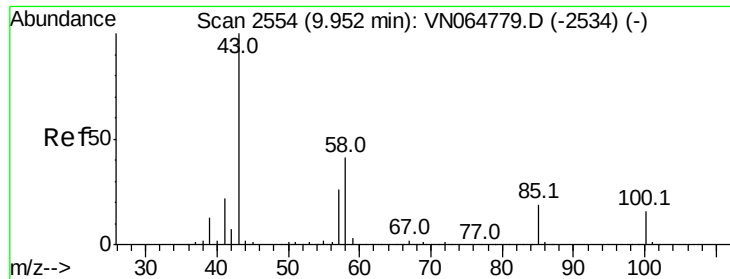
100 64.5 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 85.271 ug/l

RT: 9.95 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN065012.D

Acq: 9 Dec 2020 11:46

Instrument :

MSVOA_N

ClientSampled :

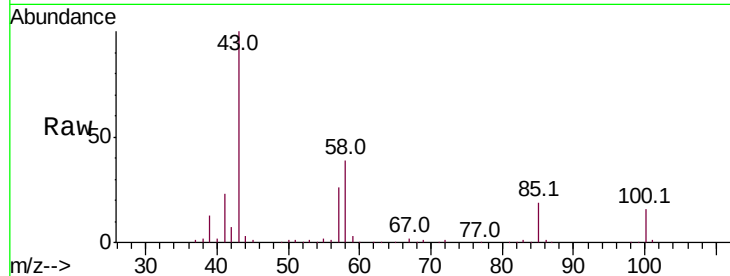
VN1209WBS01

Tot Ion: 43 Resp: 230176

Ion Ratio Lower Upper

43 100

58 40.2 32.4 48.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

150000

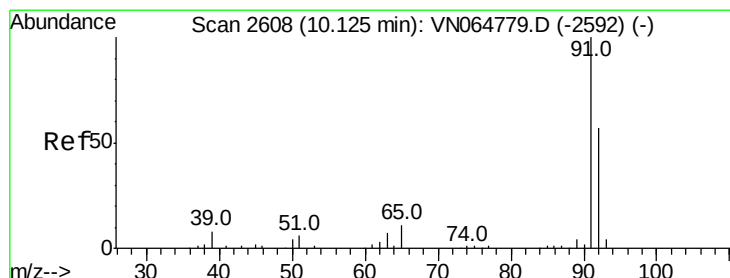
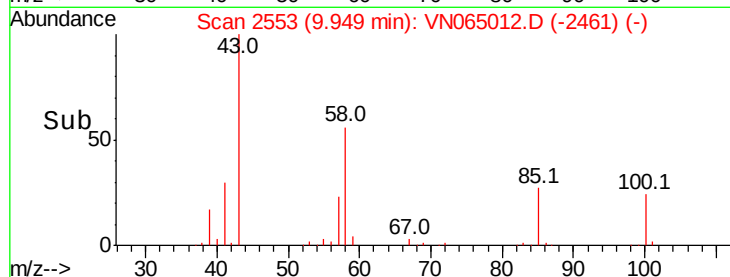
100000

50000

0

9.95

Time-->



#52

Toluene

Concen: 18.680 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN065012.D

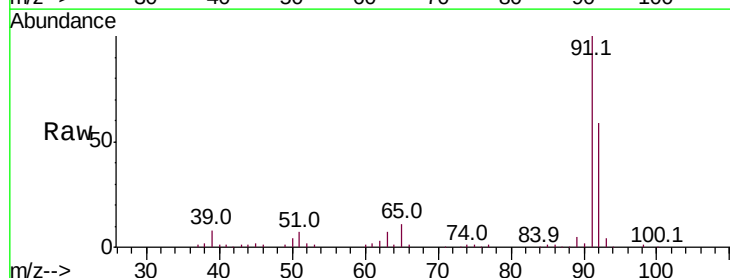
Acq: 9 Dec 2020 11:46

Tgt Ion: 92 Resp: 102261

Ion Ratio Lower Upper

92 100

91 172.3 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

100000

80000

60000

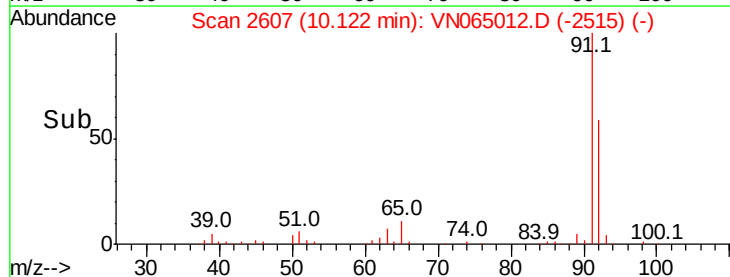
40000

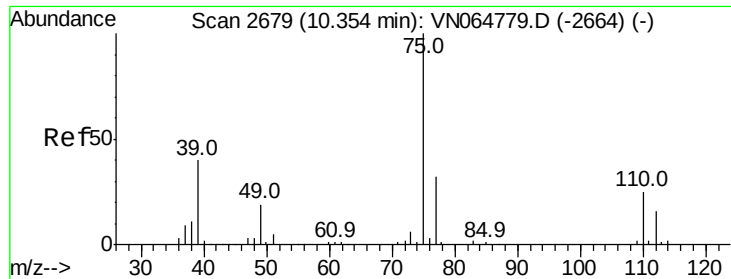
20000

0

10.12

Time-->





#53

t-1,3-Dichloropropene

Concen: 17.584 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN065012.D

Acq: 9 Dec 2020 11:46

Instrument :

MSVOA_N

ClientSampleId :

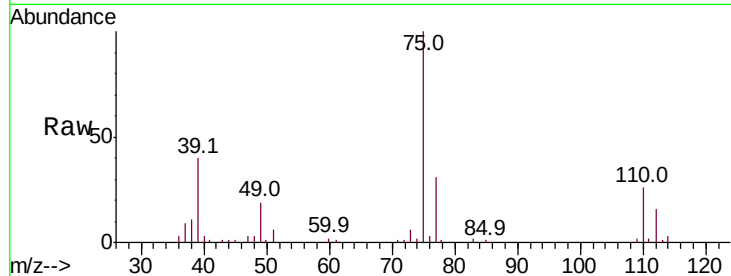
VN1209WBS01

Tot Ion: 75 Resp: 60605

Ion Ratio Lower Upper

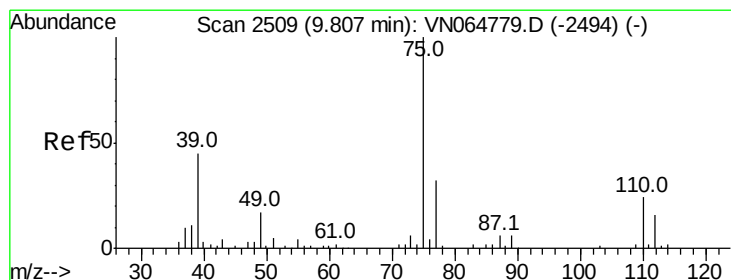
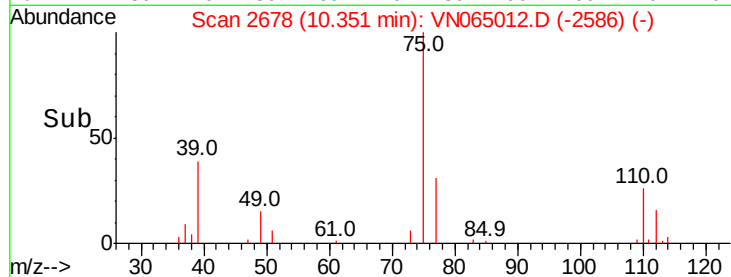
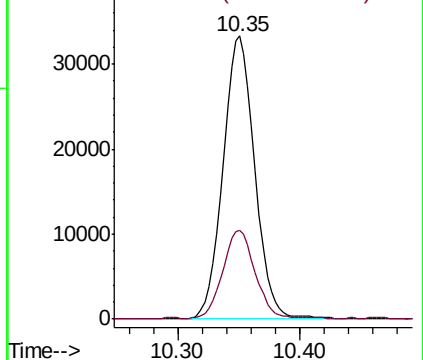
75 100

77 31.2 25.8 38.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 18.049 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN065012.D

Acq: 9 Dec 2020 11:46

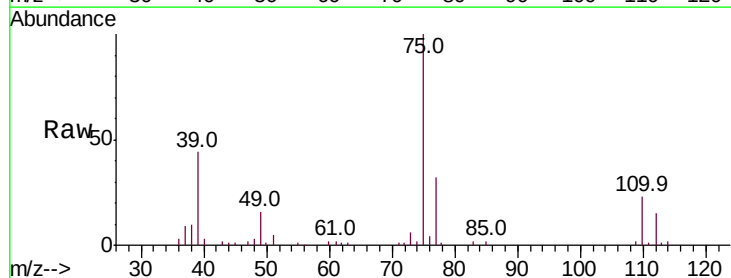
Tgt Ion: 75 Resp: 66677

Ion Ratio Lower Upper

75 100

77 32.1 25.5 38.3

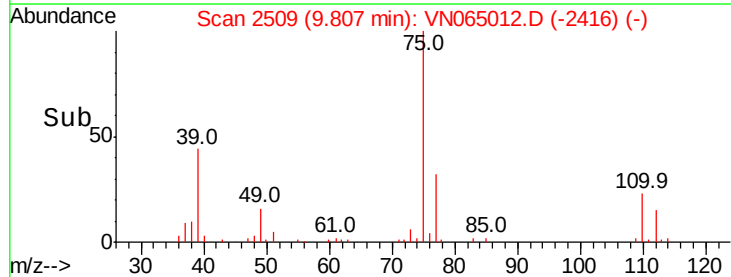
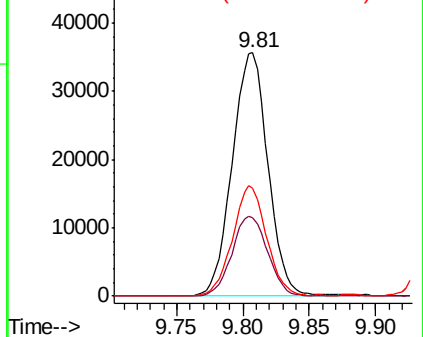
39 44.5 35.6 53.4

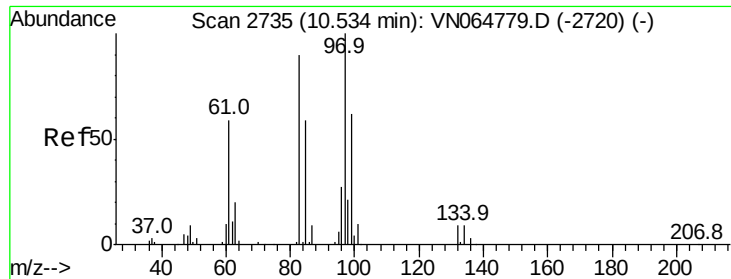


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 18.407 ug/l

RT: 10.53 min Scan# 2734

Delta R.T. -0.00 min

Lab File: VN065012.D

Acq: 9 Dec 2020 11:46

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBS01

Tot Ion: 97 Resp: 41435

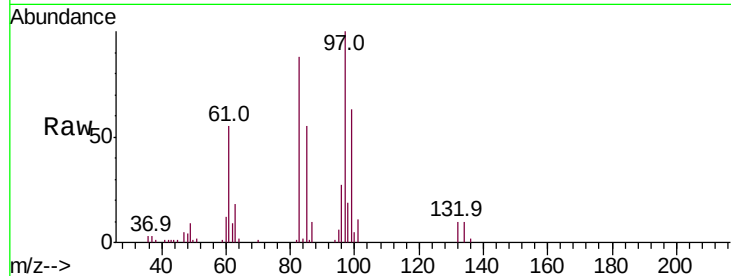
Ion Ratio Lower Upper

97 100

83 88.5 72.1 108.1

85 54.9 46.8 70.2

99 62.6 49.6 74.4

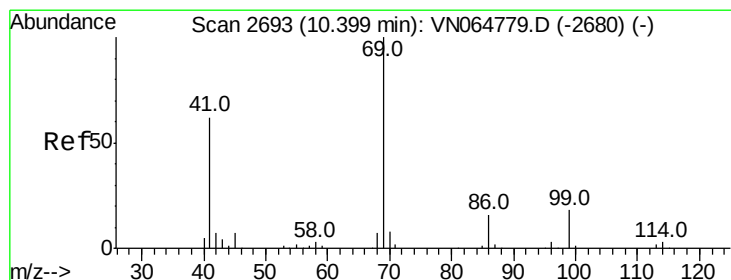
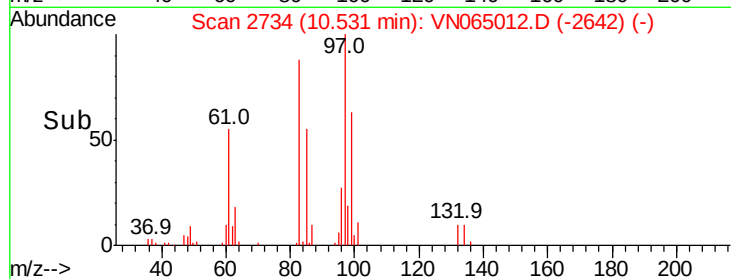
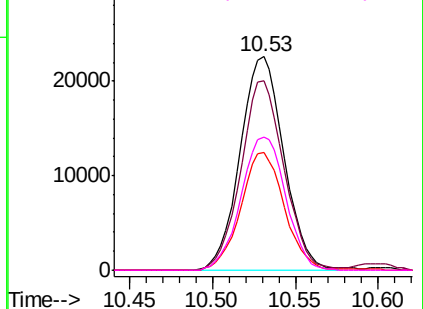


Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 17.543 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN065012.D

Acq: 9 Dec 2020 11:46

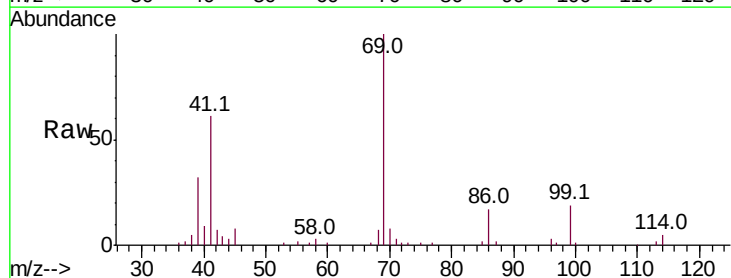
Tgt Ion: 69 Resp: 54496

Ion Ratio Lower Upper

69 100

41 62.2 49.4 74.0

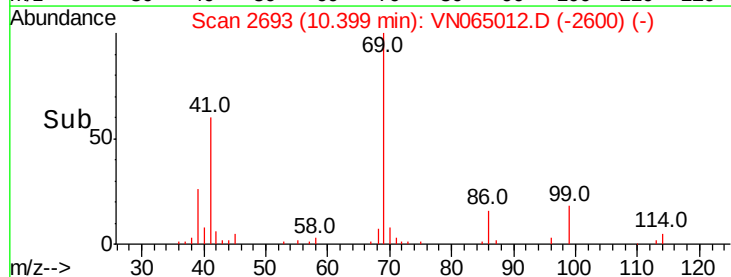
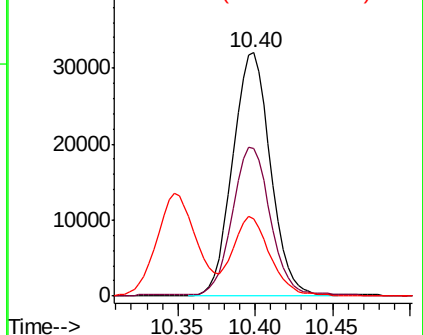
39 31.9 25.9 38.9

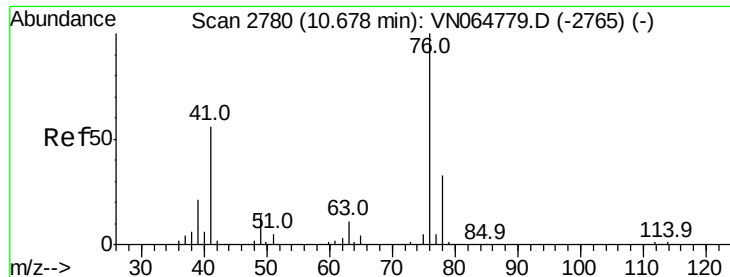


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

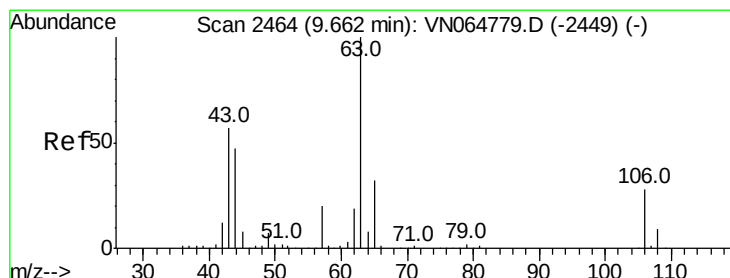
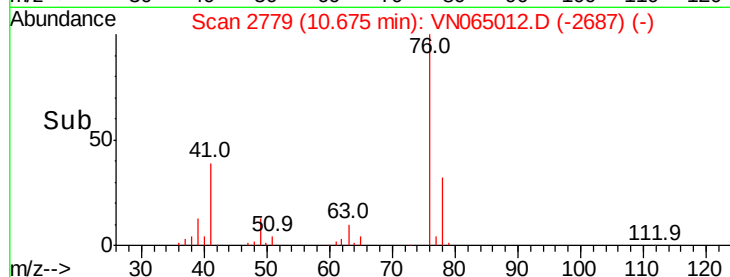
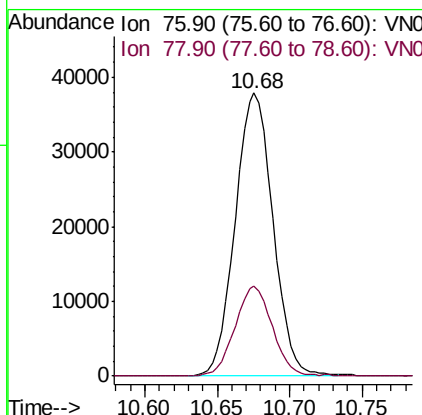
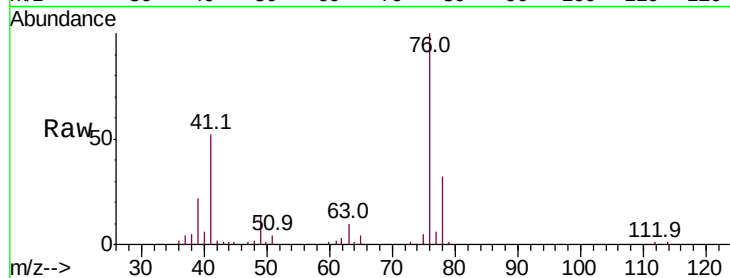




#57
 1,3-Dichloropropane
 Concen: 18.511 ug/l
 RT: 10.68 min Scan# 2779
 Delta R.T. -0.00 min
 Lab File: VN065012.D
 Acq: 9 Dec 2020 11:46

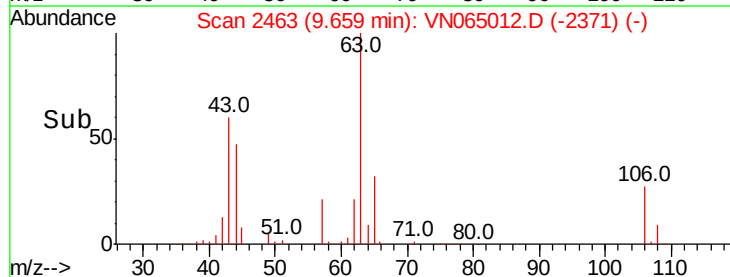
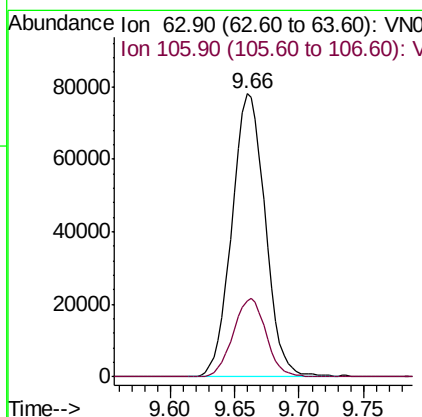
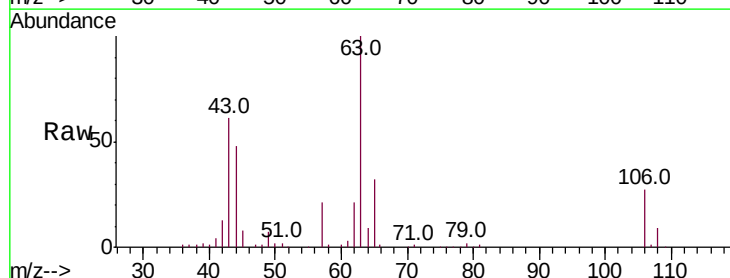
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1209WBS01

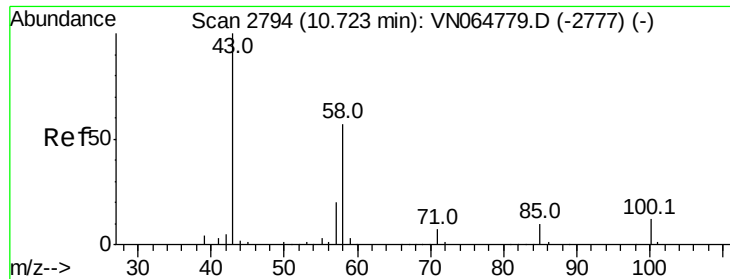
Tot Ion: 76 Resp: 68738
 Ion Ratio Lower Upper
 76 100
 78 31.2 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 82.144 ug/l
 RT: 9.66 min Scan# 2463
 Delta R.T. -0.00 min
 Lab File: VN065012.D
 Acq: 9 Dec 2020 11:46

Tgt Ion: 63 Resp: 140362
 Ion Ratio Lower Upper
 63 100
 106 27.3 22.7 34.1

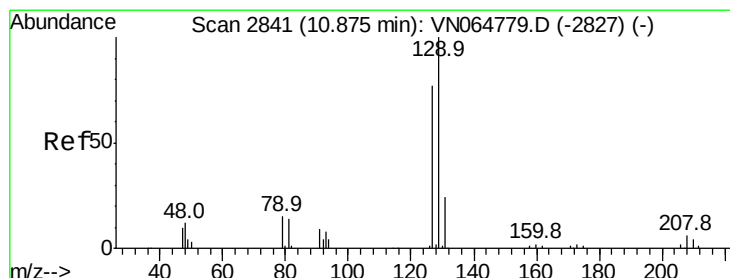
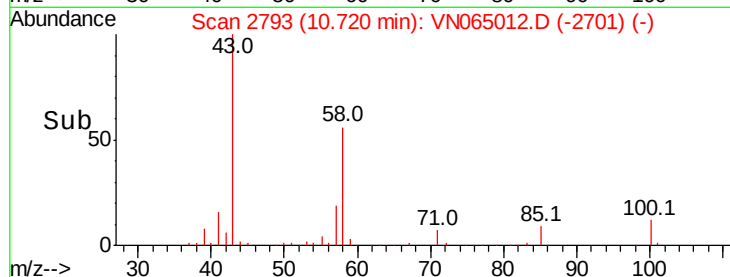
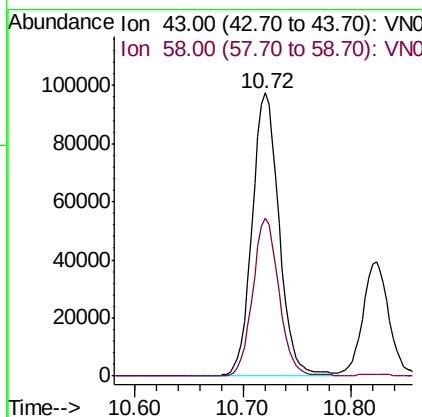
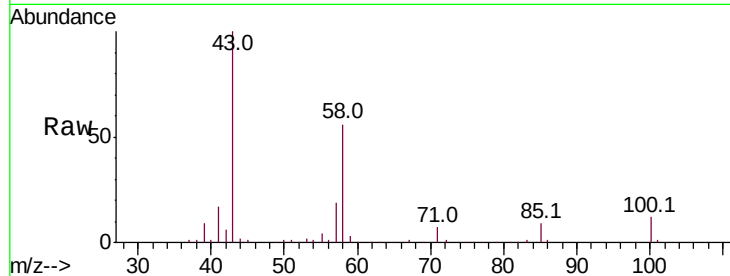




#59
2-Hexanone
Concen: 86.296 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN065012.D
Acq: 9 Dec 2020 11:46

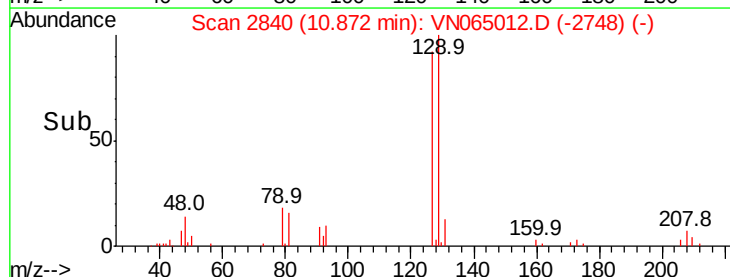
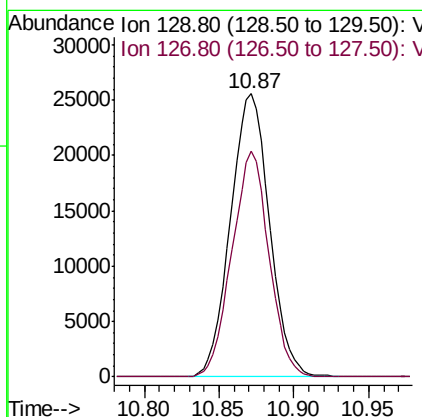
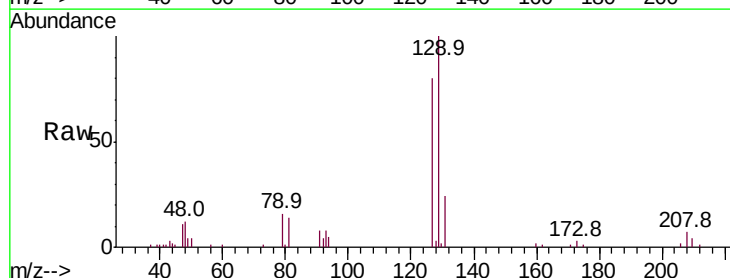
Instrument :
MSVOA_N
ClientSampled :
VN1209WBS01

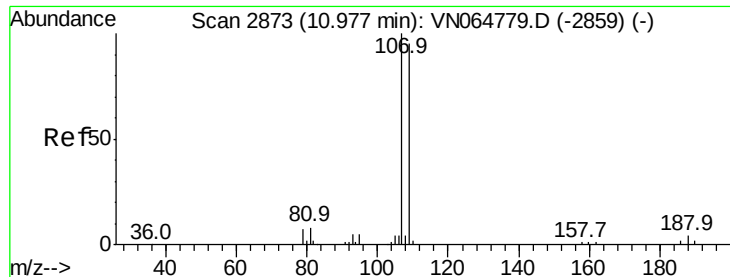
Tot Ion: 43 Resp: 167645
Ion Ratio Lower Upper
43 100
58 54.7 28.3 84.9



#60
Dibromochloromethane
Concen: 18.577 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN065012.D
Acq: 9 Dec 2020 11:46

Tgt Ion: 129 Resp: 46484
Ion Ratio Lower Upper
129 100
127 75.7 39.1 117.2





#61

1,2-Dibromoethane

Concen: 17.974 ug/l

RT: 10.97 min Scan# 2872

Delta R.T. -0.00 min

Lab File: VN065012.D

Acq: 9 Dec 2020 11:46

Instrument :

MSVOA_N

ClientSampleId :

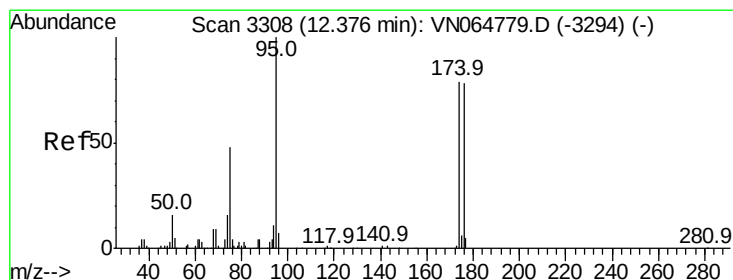
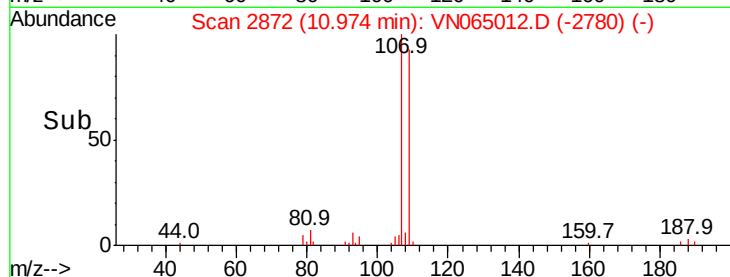
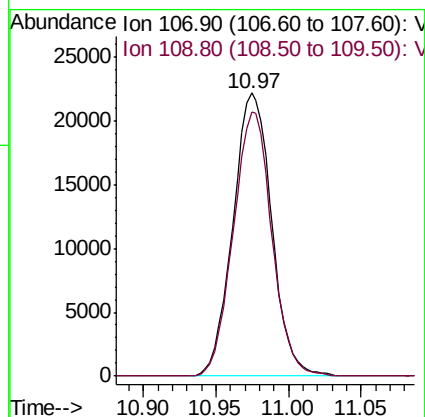
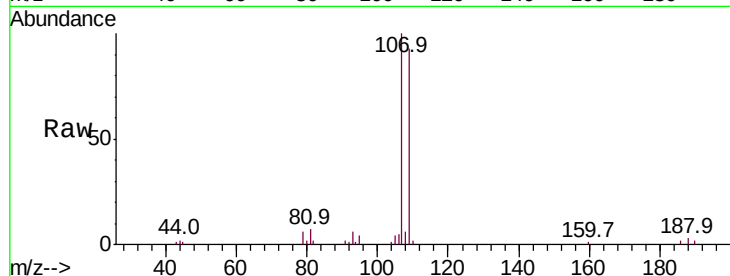
VN1209WBS01

Tot Ion:107 Resp: 41107

Ion Ratio Lower Upper

107 100

109 93.0 76.0 114.0



#62

4-Bromofluorobenzene

Concen: 46.065 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. -0.00 min

Lab File: VN065012.D

Acq: 9 Dec 2020 11:46

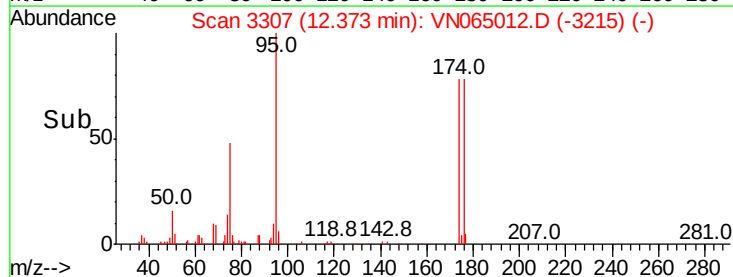
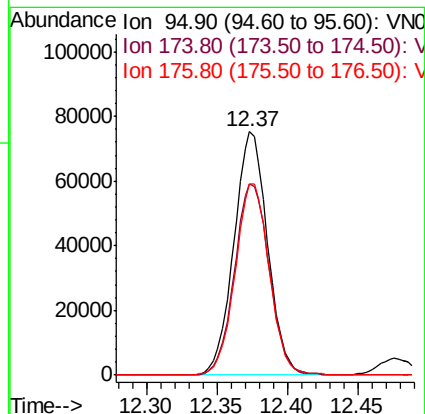
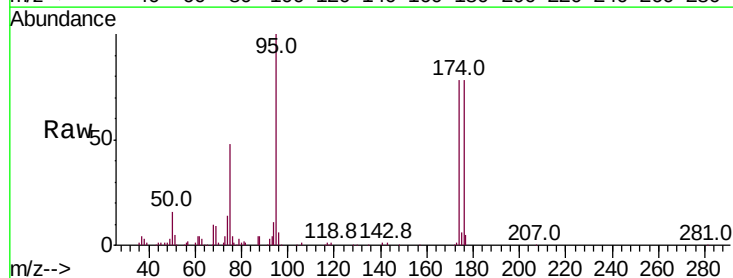
Tgt Ion: 95 Resp: 126140

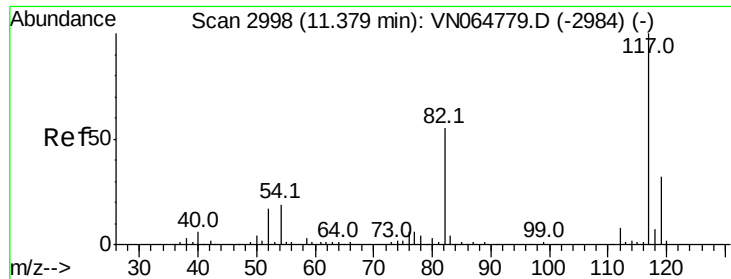
Ion Ratio Lower Upper

95 100

174 81.1 0.0 160.4

176 79.6 0.0 158.4

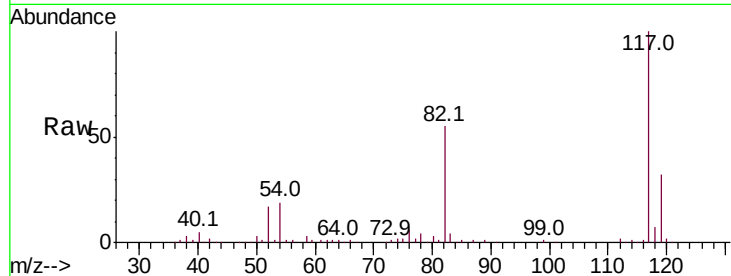




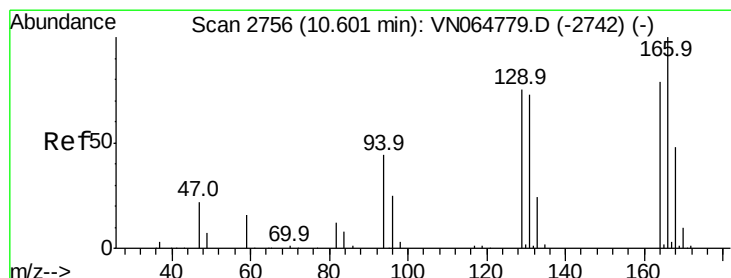
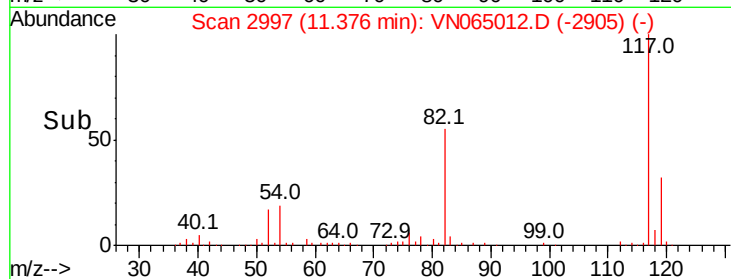
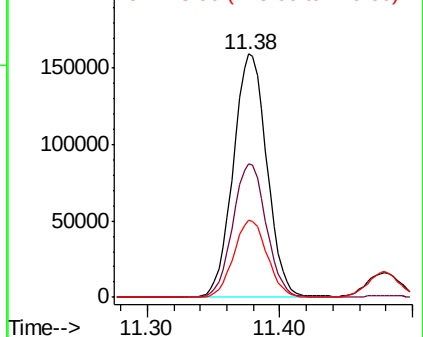
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN065012.D
Acq: 9 Dec 2020 11:46

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01

Tot Ion:117 Resp: 281436
Ion Ratio Lower Upper
117 100
82 55.1 44.2 66.2
119 31.6 25.8 38.6

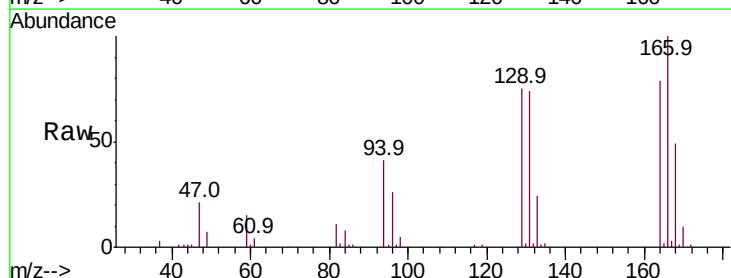


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

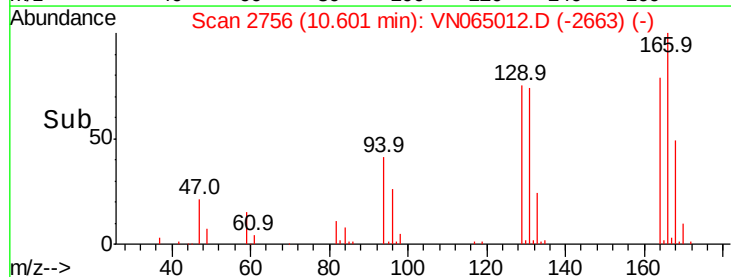
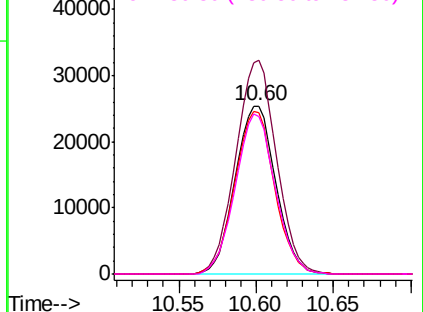


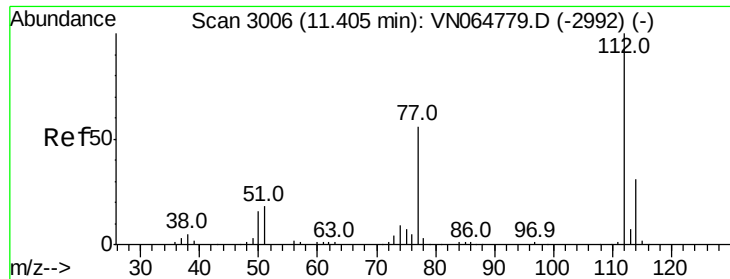
#64
Tetrachloroethene
Concen: 16.898 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN065012.D
Acq: 9 Dec 2020 11:46

Tgt Ion:164 Resp: 46267
Ion Ratio Lower Upper
164 100
166 127.1 101.4 152.0
129 95.9 76.1 114.1
131 93.9 74.2 111.2



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

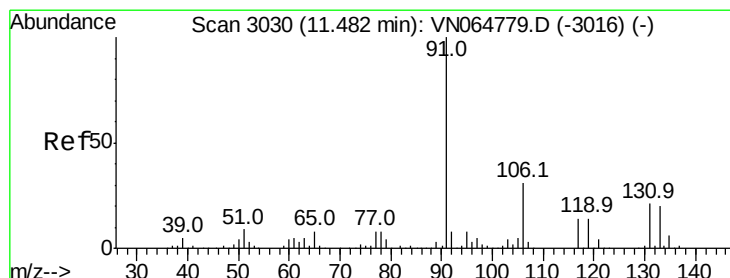
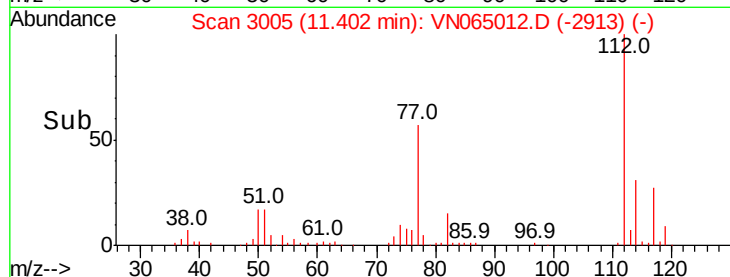
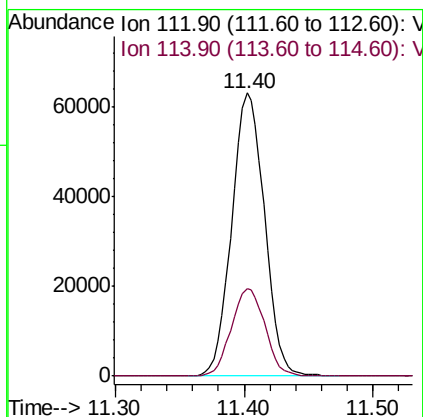
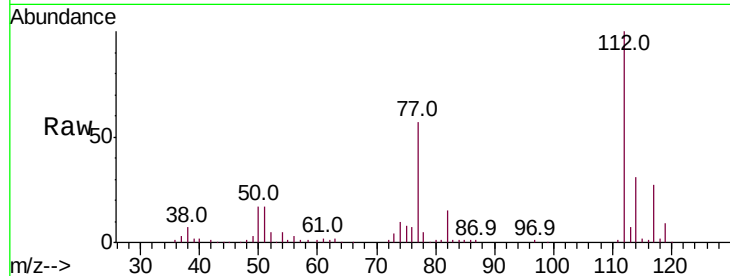




#65
Chlorobenzene
Concen: 18.458 ug/l
RT: 11.40 min Scan# 3005
Delta R.T. -0.00 min
Lab File: VN065012.D
Acq: 9 Dec 2020 11:46

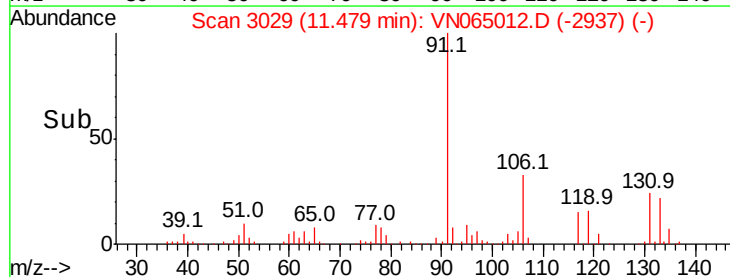
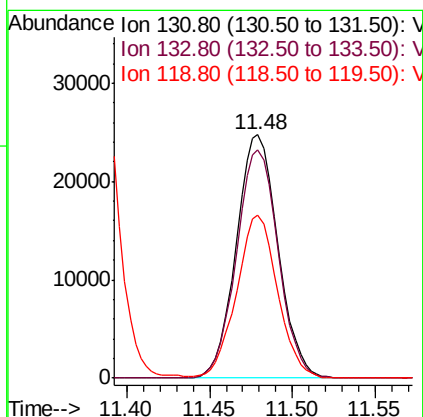
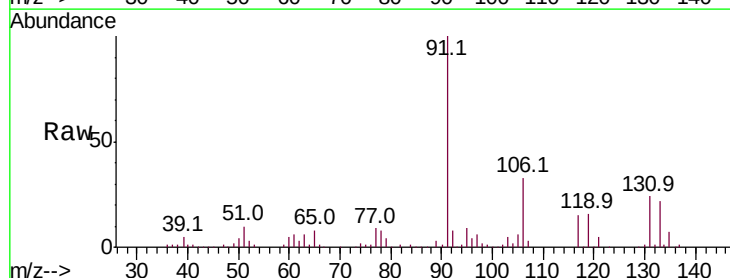
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01

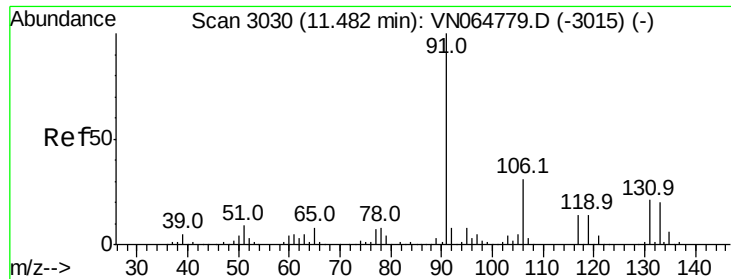
Tot Ion:112 Resp: 111554
Ion Ratio Lower Upper
112 100
114 31.0 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 19.489 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN065012.D
Acq: 9 Dec 2020 11:46

Tgt Ion:131 Resp: 43288
Ion Ratio Lower Upper
131 100
133 94.0 47.5 142.5
119 65.8 33.3 99.8





#67

Ethyl Benzene

Concen: 17.805 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. 0.00 min

Lab File: VN065012.D

Acq: 9 Dec 2020 11:46

Instrument :

MSVOA_N

ClientSampled :

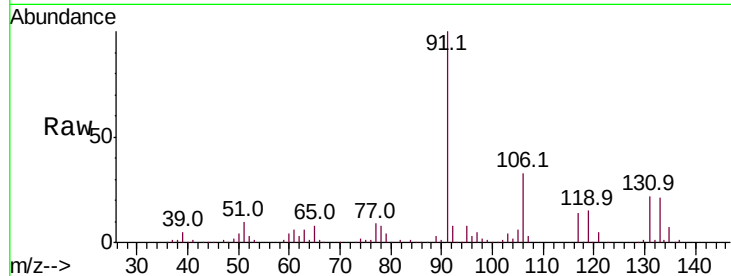
VN1209WBS01

Tot Ion: 91 Resp: 179766

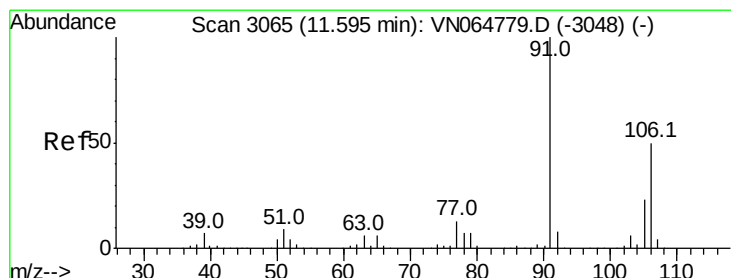
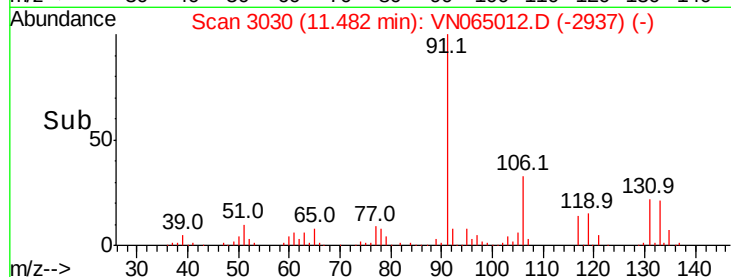
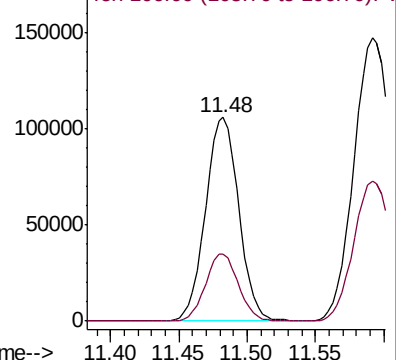
Ion Ratio Lower Upper

91 100

106 33.1 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): VN064779.D (-3015) (-)



#68

m/p-Xylenes

Concen: 37.446 ug/l

RT: 11.59 min Scan# 3064

Delta R.T. -0.00 min

Lab File: VN065012.D

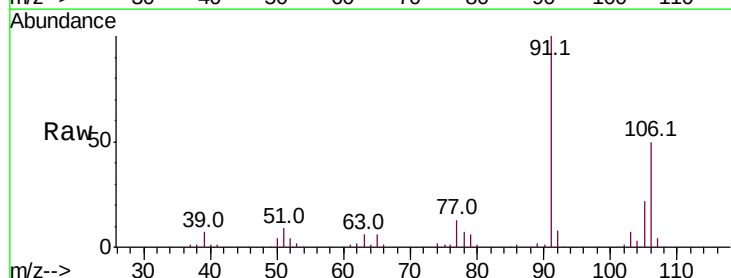
Acq: 9 Dec 2020 11:46

Tgt Ion: 106 Resp: 143140

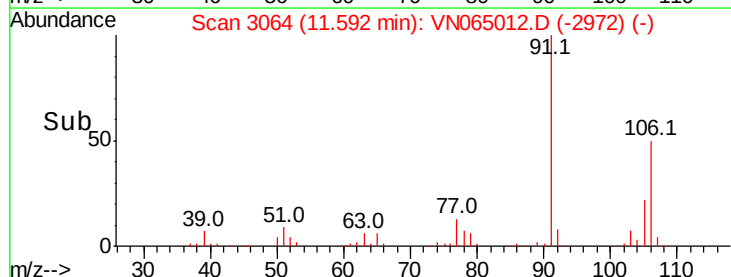
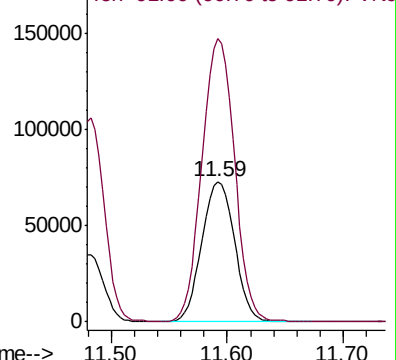
Ion Ratio Lower Upper

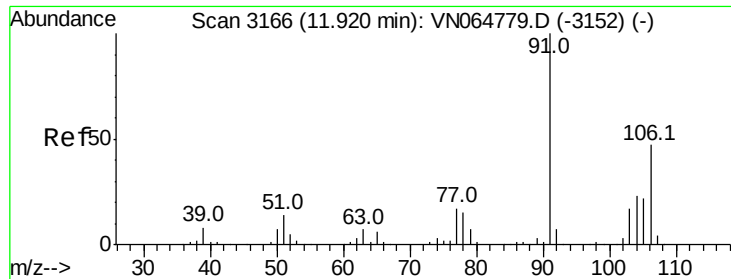
106 100

91 201.2 161.0 241.4



Abundance Ion 106.00 (105.70 to 106.70): VN064779.D (-3048) (-)

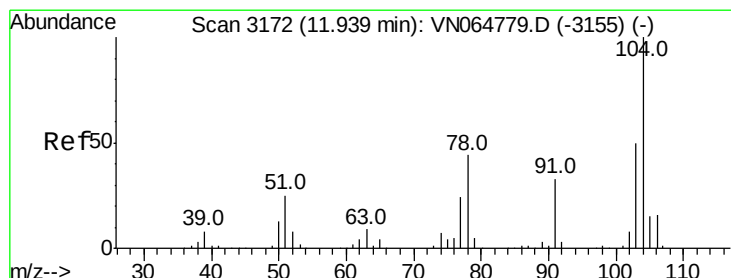
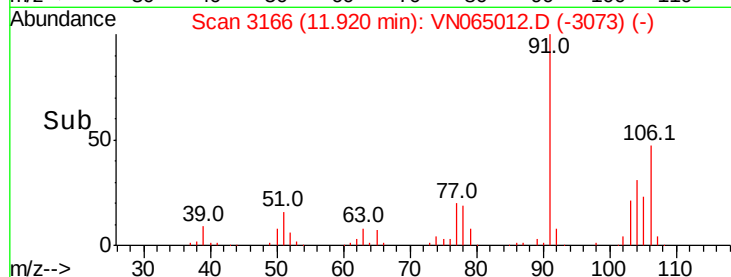
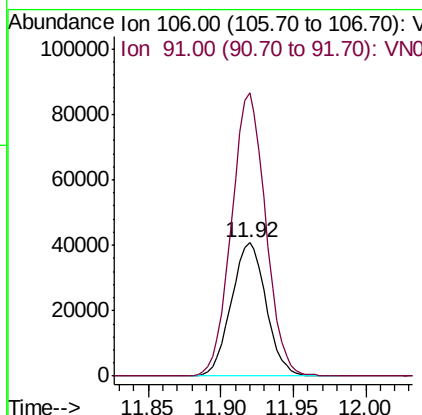
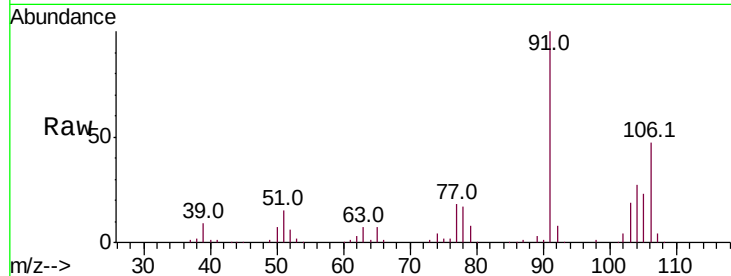




#69
o-Xylene
Concen: 18.746 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN065012.D
Acq: 9 Dec 2020 11:46

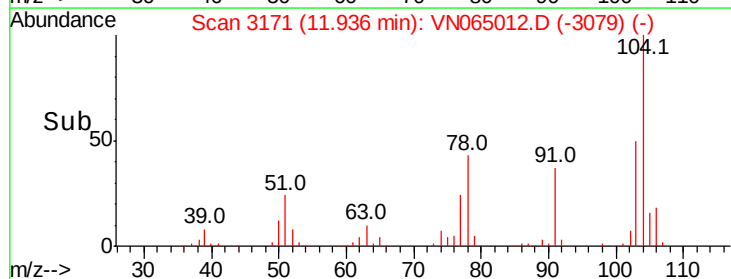
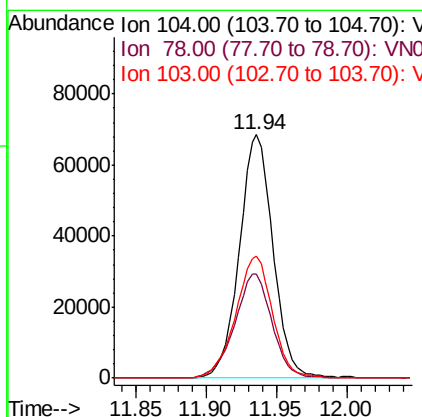
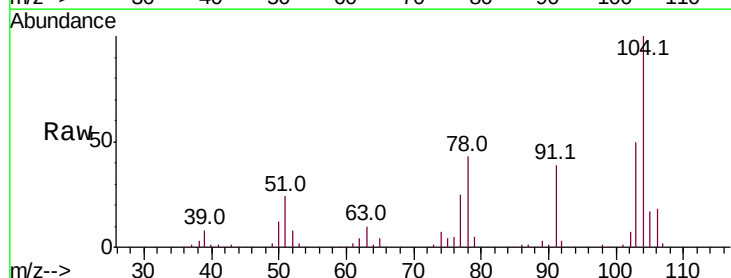
Instrument :
MSVOA_N
ClientSampled :
VN1209WBS01

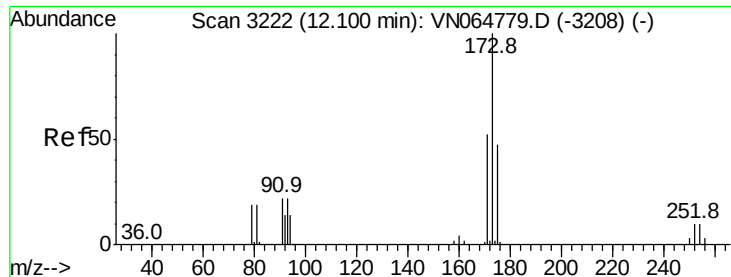
Tot Ion:106 Resp: 68000
Ion Ratio Lower Upper
106 100
91 208.5 105.5 316.5



#70
Styrene
Concen: 18.722 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN065012.D
Acq: 9 Dec 2020 11:46

Tgt Ion:104 Resp: 114648
Ion Ratio Lower Upper
104 100
78 47.6 39.0 58.6
103 54.5 44.3 66.5

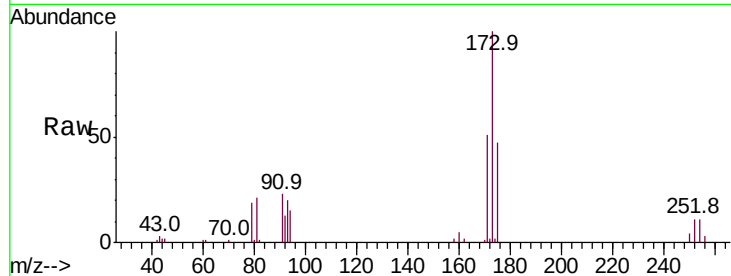




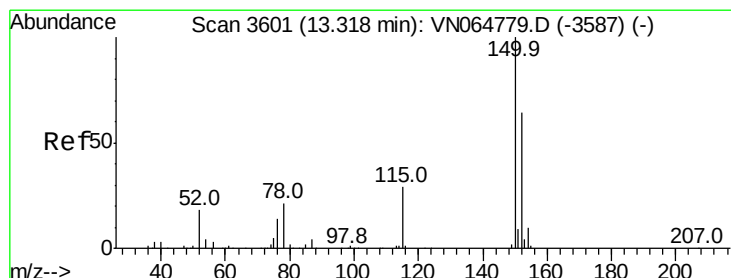
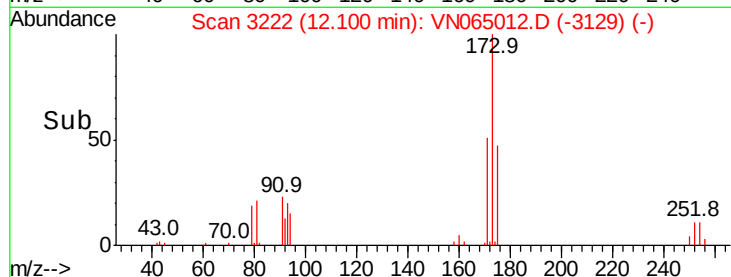
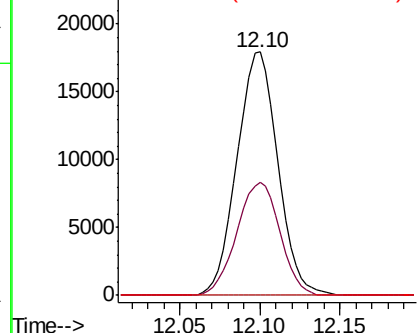
#71
Bromoform
Concen: 17.634 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN065012.D
Acq: 9 Dec 2020 11:46

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01

Tot Ion:173 Resp: 31282
Ion Ratio Lower Upper
173 100
175 48.9 24.3 72.8
254 0.0 0.0 0.0

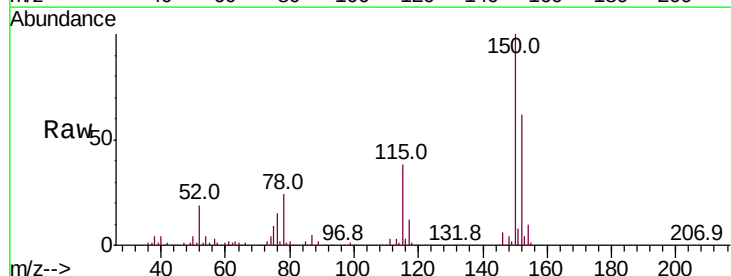


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

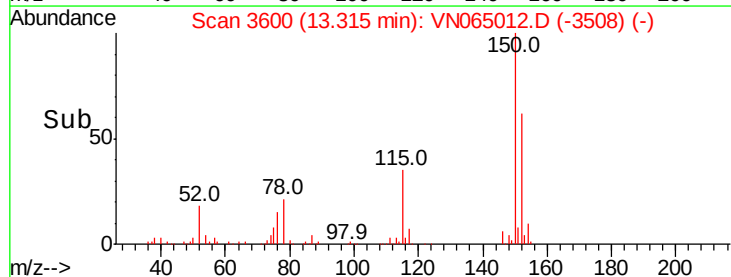
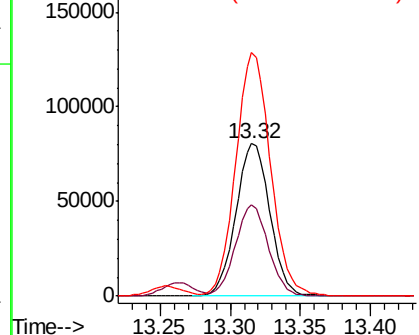


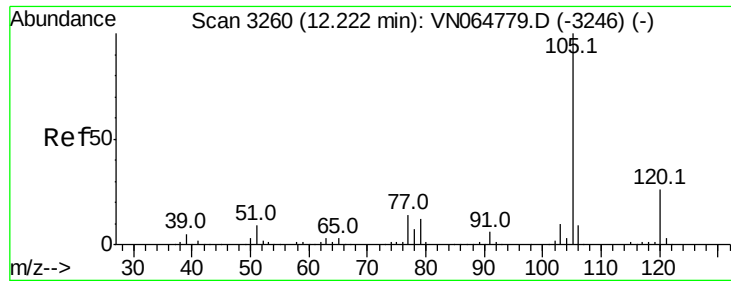
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN065012.D
Acq: 9 Dec 2020 11:46

Tgt Ion:152 Resp: 136124
Ion Ratio Lower Upper
152 100
115 57.8 29.7 89.1
150 162.0 0.0 350.6



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: 19.039 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

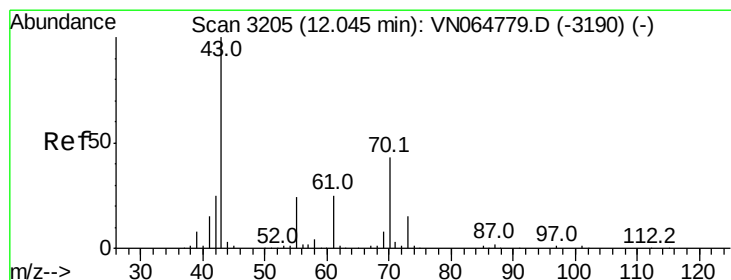
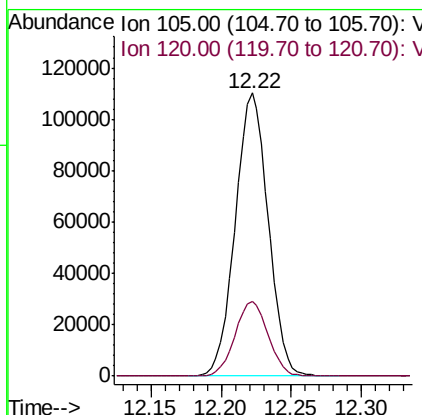
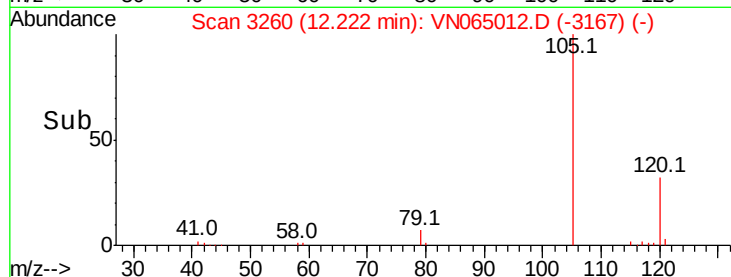
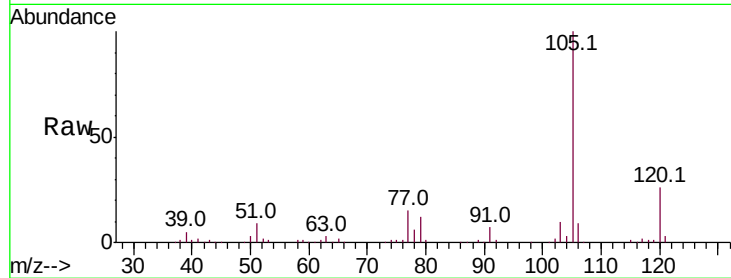
Lab File: VN065012.D

Acq: 9 Dec 2020 11:46

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01

Tot Ion:105 Resp: 180264

Ion	Ratio	Lower	Upper
105	100		
120	26.4	13.3	39.9



#74

N-ethyl acetate

Concen: 16.513 ug/l

RT: 12.04 min Scan# 3204

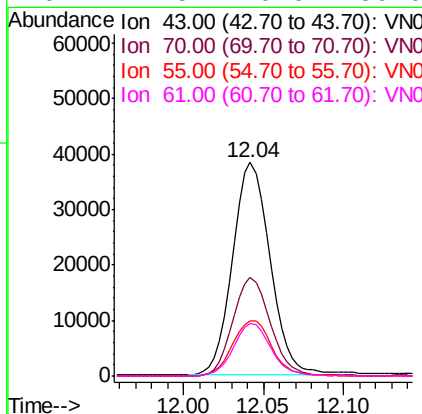
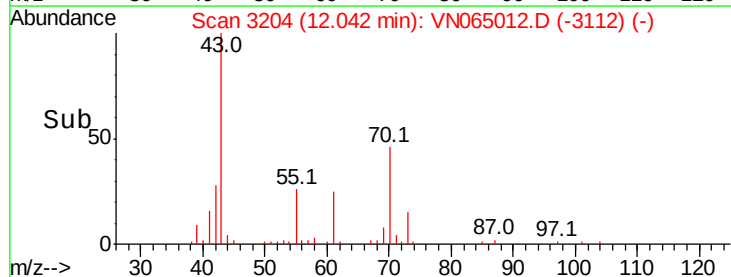
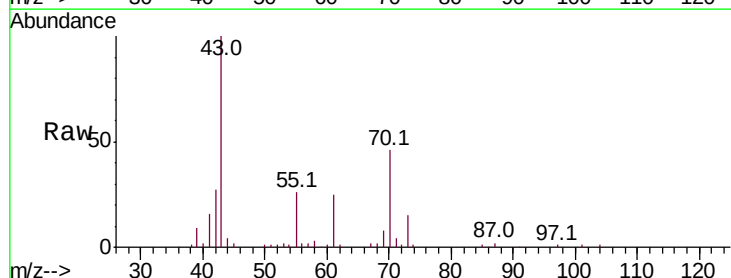
Delta R.T. -0.00 min

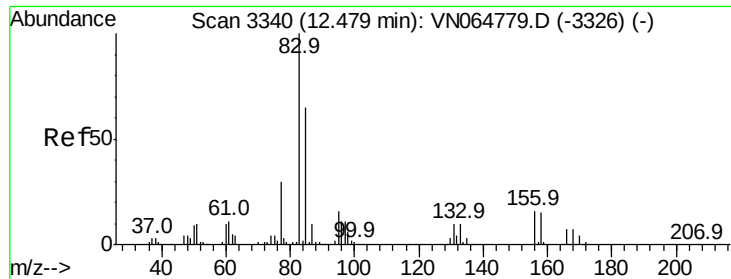
Lab File: VN065012.D

Acq: 9 Dec 2020 11:46

Tgt Ion: 43 Resp: 61531

Ion	Ratio	Lower	Upper
43	100		
70	46.3	34.5	51.7
55	27.3	20.4	30.6
61	24.5	20.0	30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.122 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN065012.D

Acq: 9 Dec 2020 11:46

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBS01

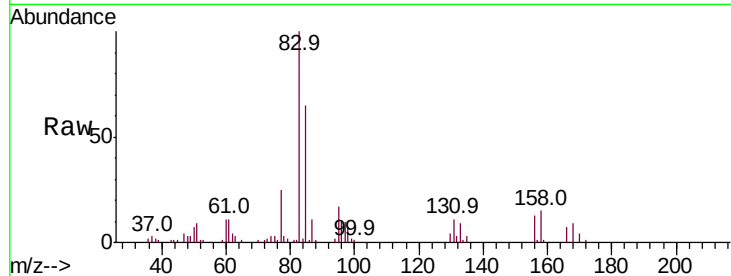
Tot Ion: 83 Resp: 53067

Ion Ratio Lower Upper

83 100

131 10.6 5.1 15.3

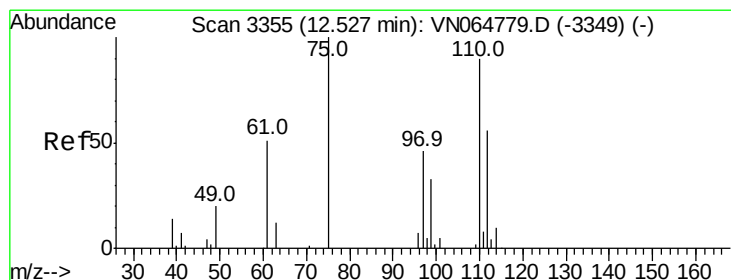
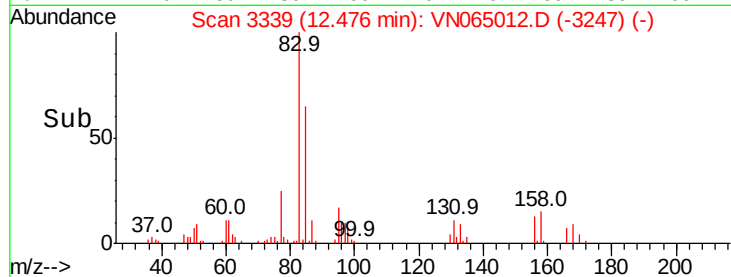
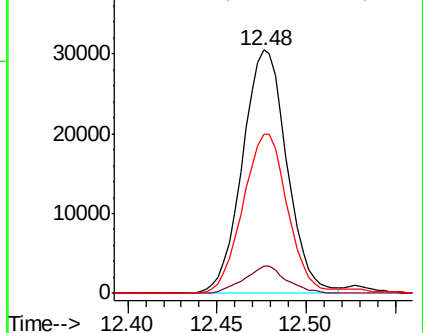
85 65.4 33.0 99.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 24.647 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN065012.D

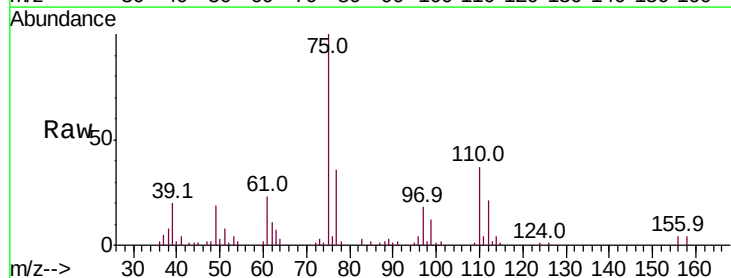
Acq: 9 Dec 2020 11:46

Tgt Ion: 75 Resp: 72255

Ion Ratio Lower Upper

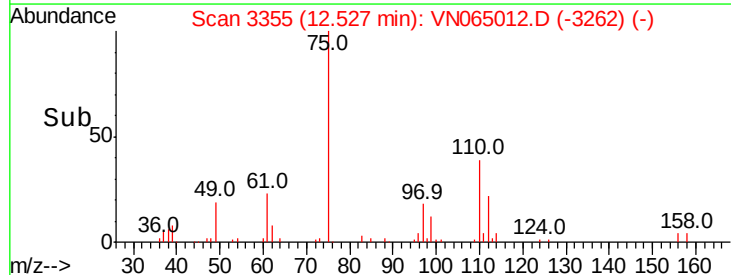
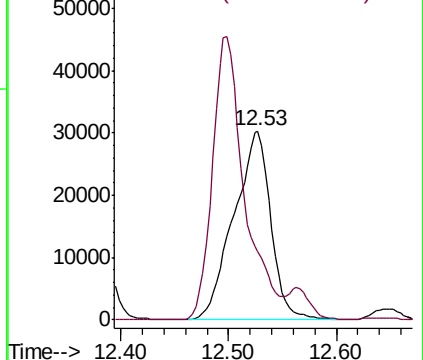
75 100

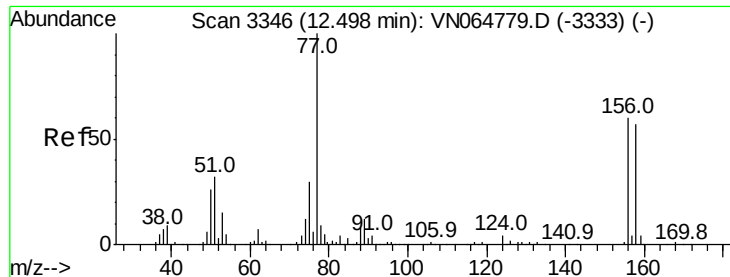
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 18.380 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN065012.D

Acq: 9 Dec 2020 11:46

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBS01

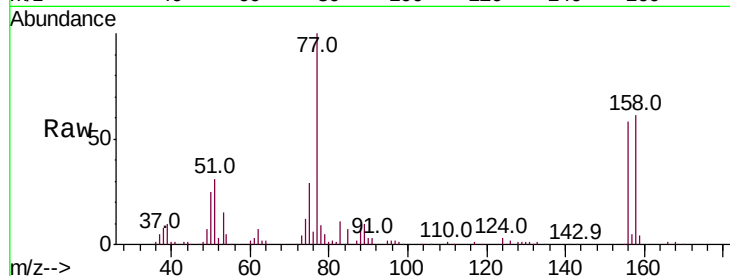
Tot Ion:156 Resp: 46919

Ion Ratio Lower Upper

156 100

77 199.7 101.3 303.7

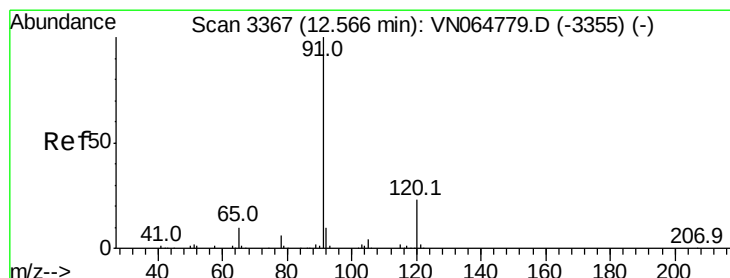
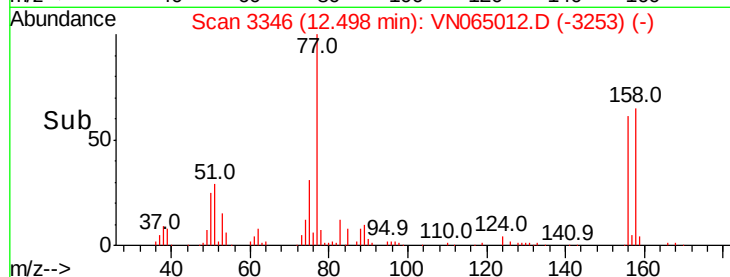
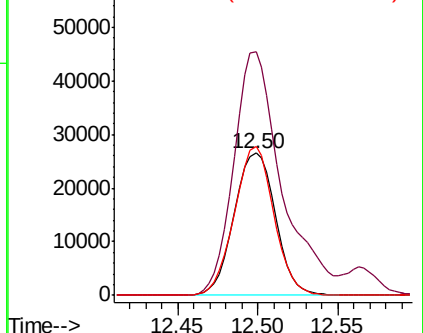
158 99.2 48.2 144.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.592 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN065012.D

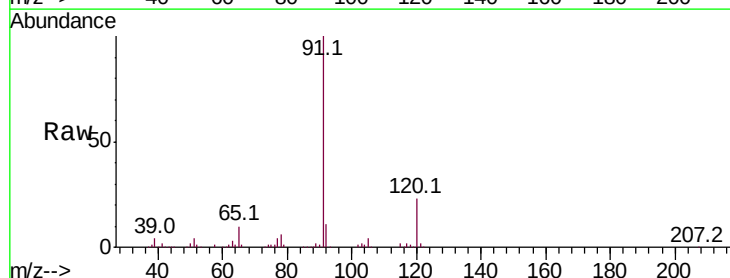
Acq: 9 Dec 2020 11:46

Tgt Ion: 91 Resp: 200538

Ion Ratio Lower Upper

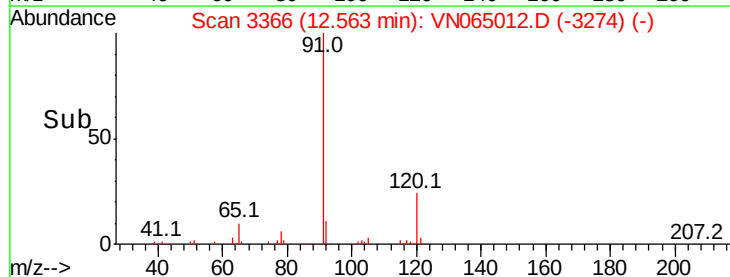
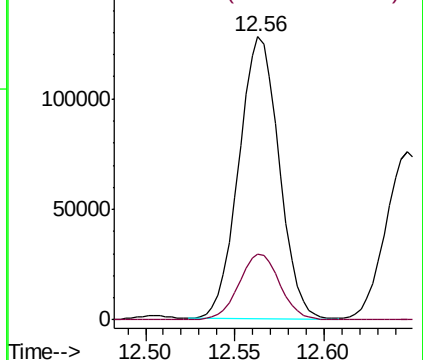
91 100

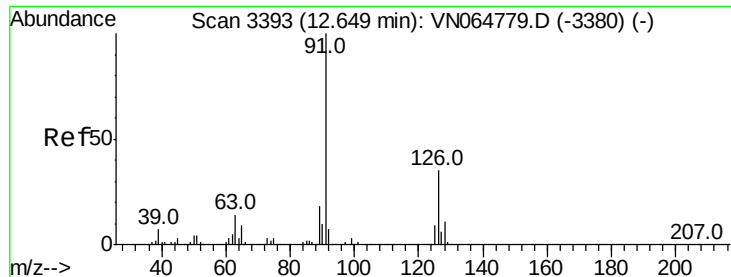
120 23.7 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

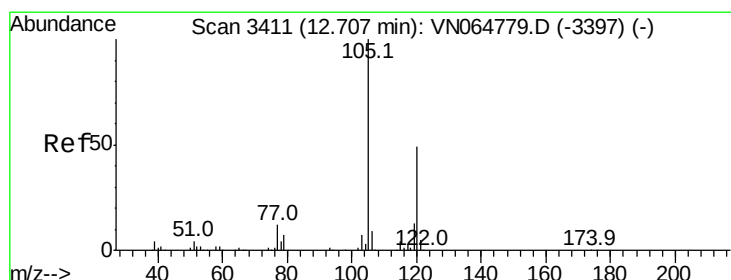
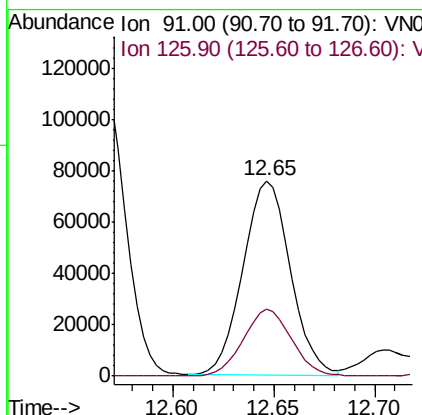
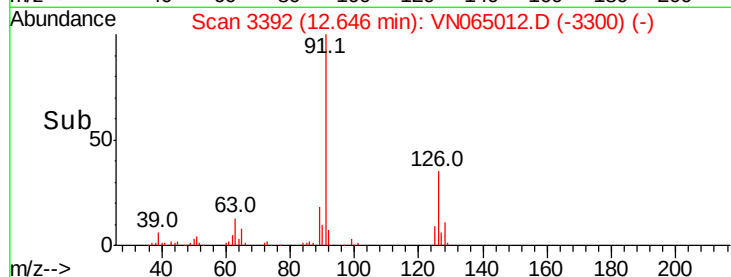
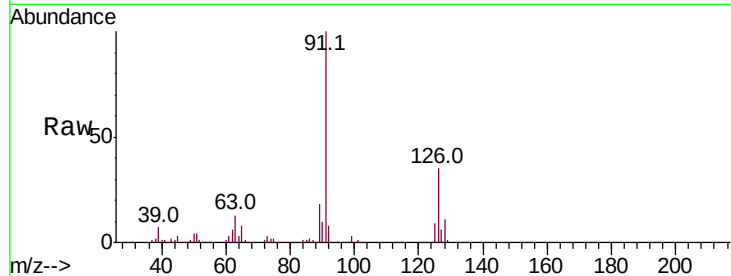




#79
2-Chlorotoluene
Concen: 18.777 ug/l
RT: 12.65 min Scan# 3392
Delta R.T. -0.00 min
Lab File: VN065012.D
Acq: 9 Dec 2020 11:46

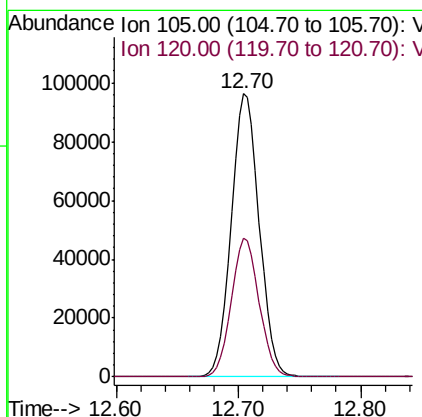
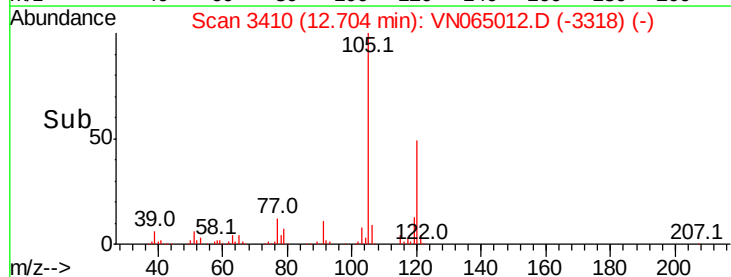
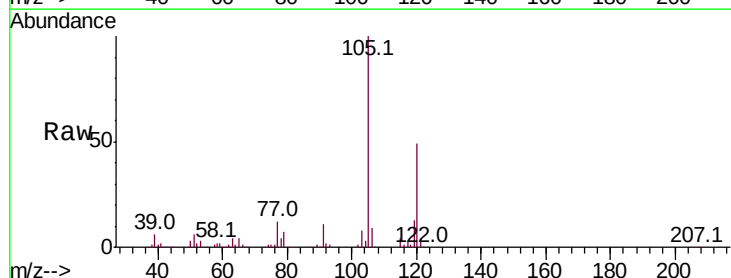
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01

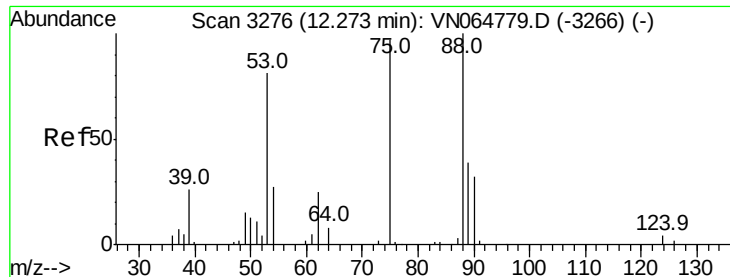
Tot Ion: 91 Resp: 125198
Ion Ratio Lower Upper
91 100
126 35.1 17.2 51.6



#80
1,3,5-Trimethylbenzene
Concen: 19.516 ug/l
RT: 12.70 min Scan# 3410
Delta R.T. -0.00 min
Lab File: VN065012.D
Acq: 9 Dec 2020 11:46

Tgt Ion:105 Resp: 153592
Ion Ratio Lower Upper
105 100
120 48.7 24.6 73.6





#81

trans-1,4-Dichloro-2-butene

Concen: 16.828 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN065012.D

Acq: 9 Dec 2020 11:46

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBS01

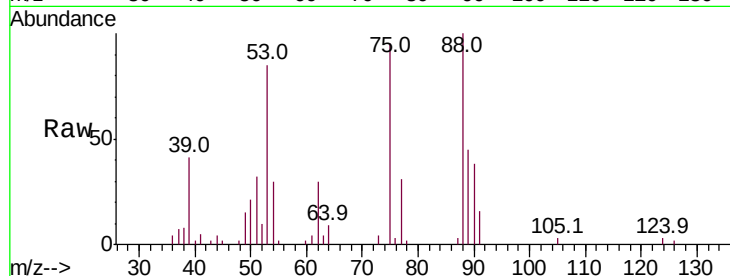
Tot Ion: 75 Resp: 17999

Ion Ratio Lower Upper

75 100

53 89.3 67.0 100.4

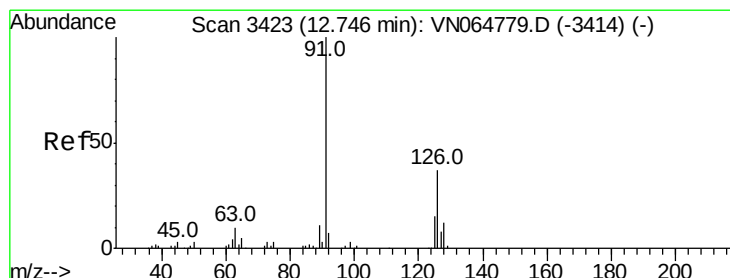
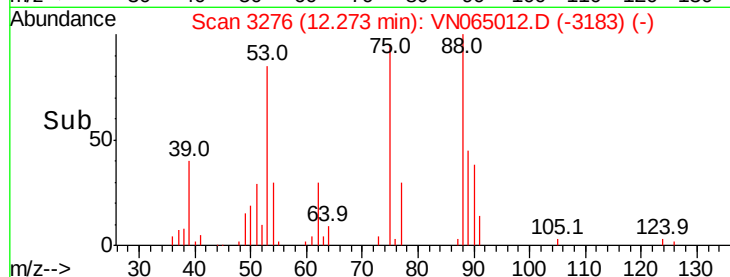
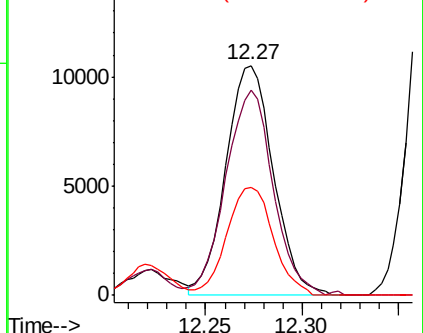
89 45.9 39.6 59.4



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 18.542 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN065012.D

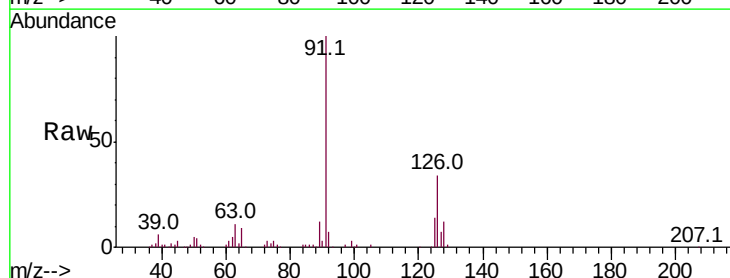
Acq: 9 Dec 2020 11:46

Tgt Ion: 91 Resp: 129588

Ion Ratio Lower Upper

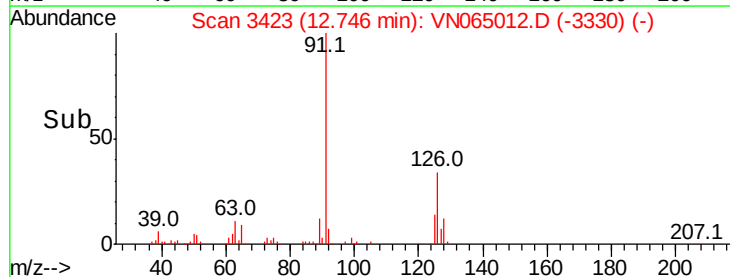
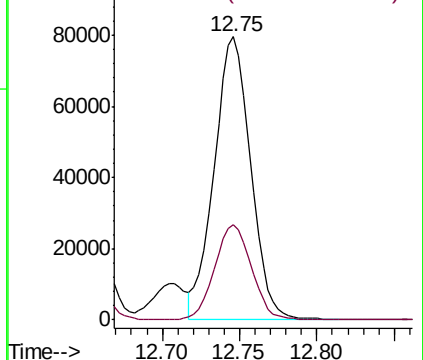
91 100

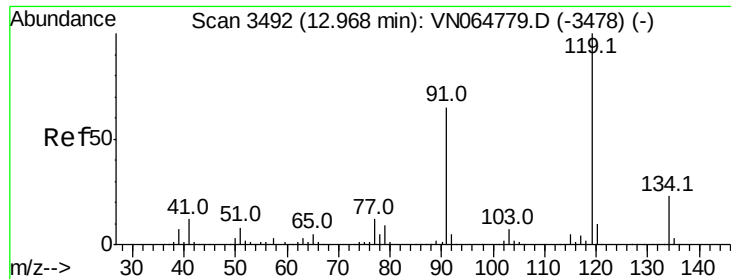
126 34.1 16.9 50.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

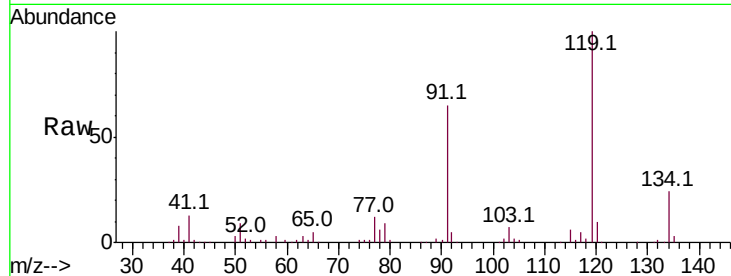




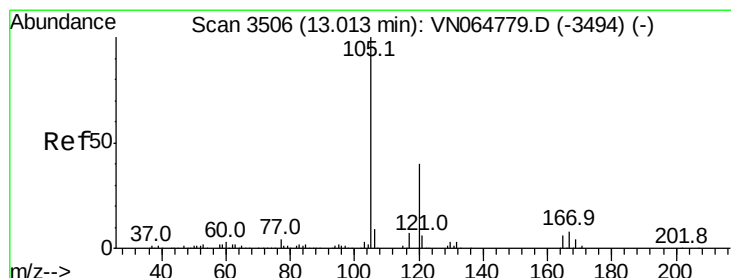
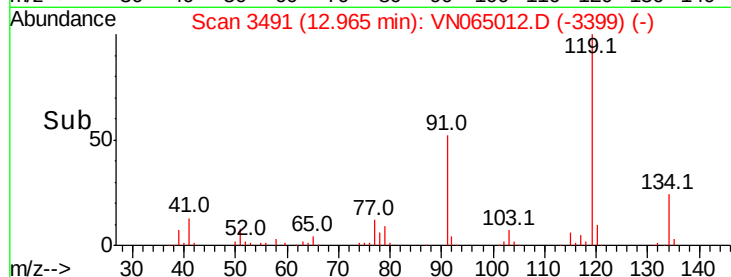
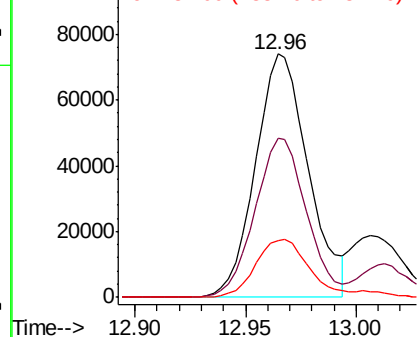
#83
 tert-Butylbenzene
 Concen: 18.640 ug/l
 RT: 12.96 min Scan# 3491
 Delta R.T. -0.00 min
 Lab File: VN065012.D
 Acq: 9 Dec 2020 11:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1209WBS01

Tot Ion:119 Resp: 122960
 Ion Ratio Lower Upper
 119 100
 91 63.7 32.3 96.8
 134 23.9 12.6 37.6

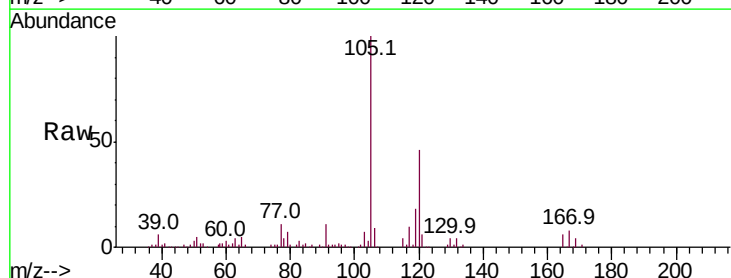


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

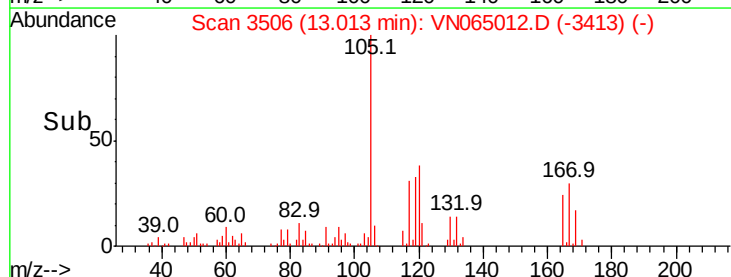
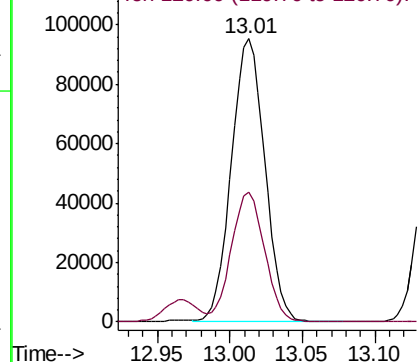


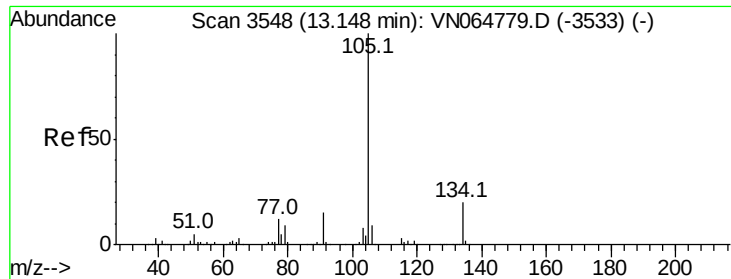
#84
 1,2,4-Trimethylbenzene
 Concen: 19.215 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN065012.D
 Acq: 9 Dec 2020 11:46

Tgt Ion:105 Resp: 152897
 Ion Ratio Lower Upper
 105 100
 120 45.5 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 18.710 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN065012.D

Acq: 9 Dec 2020 11:46

Instrument :

MSVOA_N

ClientSampleId :

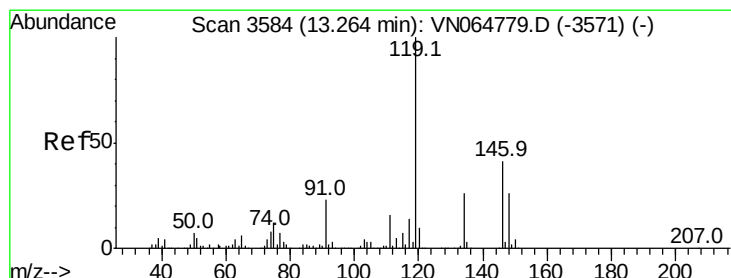
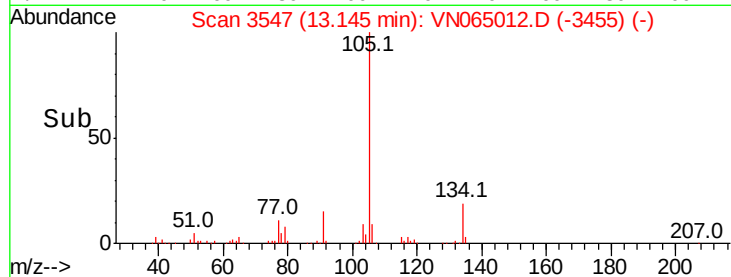
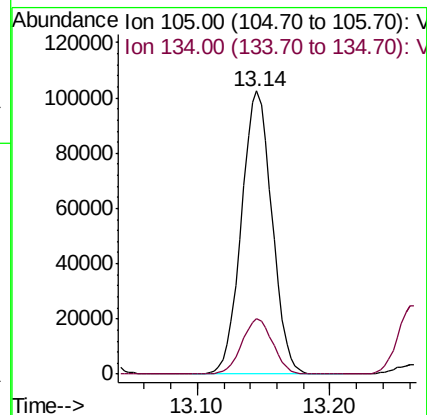
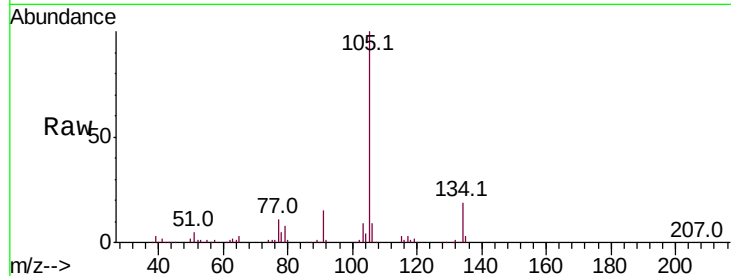
VN1209WBS01

Tot Ion:105 Resp: 163876

Ion Ratio Lower Upper

105 100

134 19.8 10.1 30.1



#86

p-Isopropyltoluene

Concen: 18.890 ug/l

RT: 13.26 min Scan# 3583

Delta R.T. -0.00 min

Lab File: VN065012.D

Acq: 9 Dec 2020 11:46

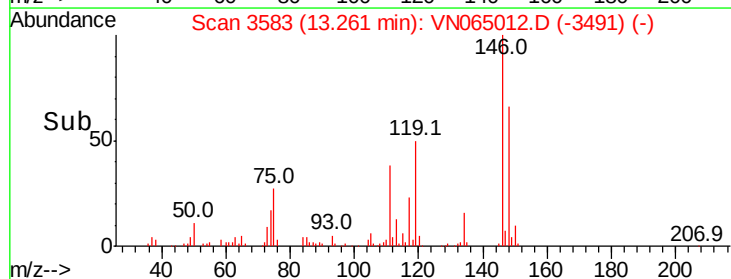
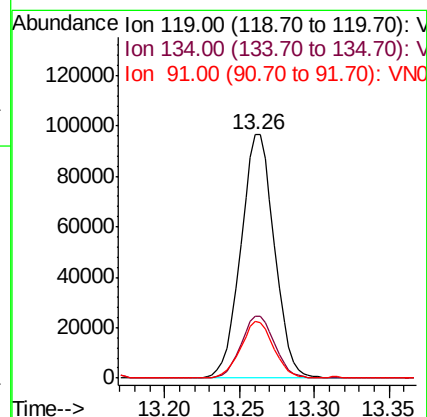
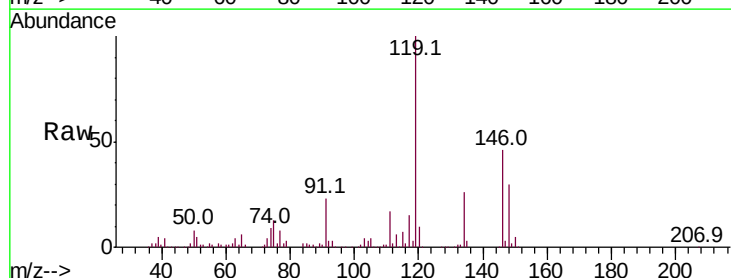
Tgt Ion:119 Resp: 150631

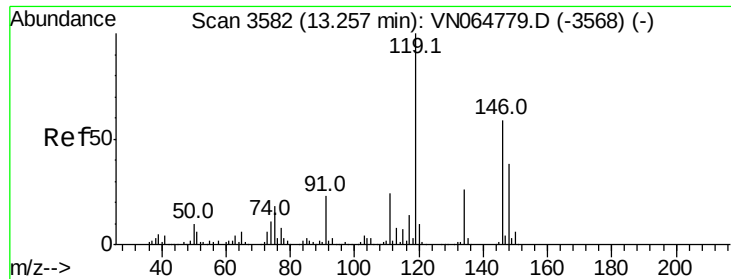
Ion Ratio Lower Upper

119 100

134 25.4 13.1 39.1

91 22.9 11.5 34.5





#87

1,3-Dichlorobenzene

Concen: 18.498 ug/l

RT: 13.25 min Scan# 3581

Delta R.T. -0.00 min

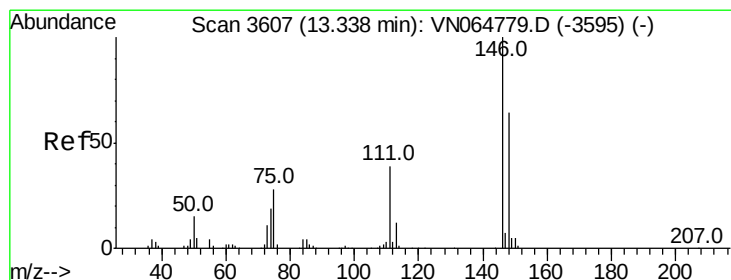
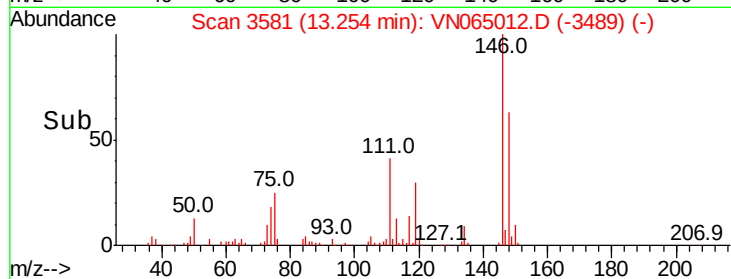
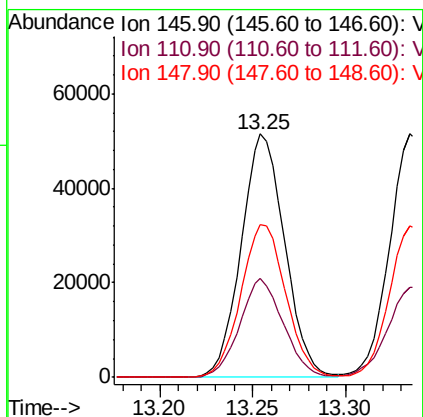
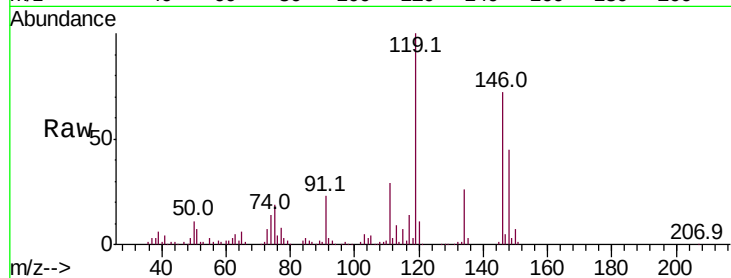
Lab File: VN065012.D

Acq: 9 Dec 2020 11:46

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01

Tot Ion:146 Resp: 83891

Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.6	61.9
148	64.7	31.9	95.5



#88

1,4-Dichlorobenzene

Concen: 17.819 ug/l

RT: 13.33 min Scan# 3606

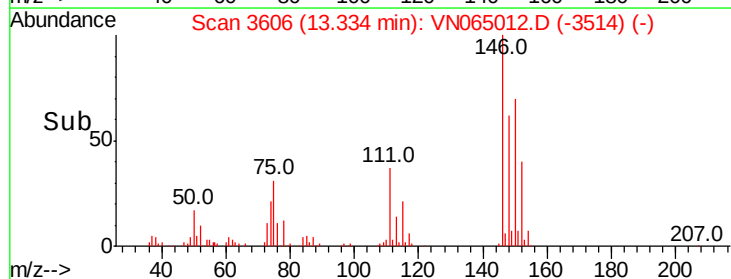
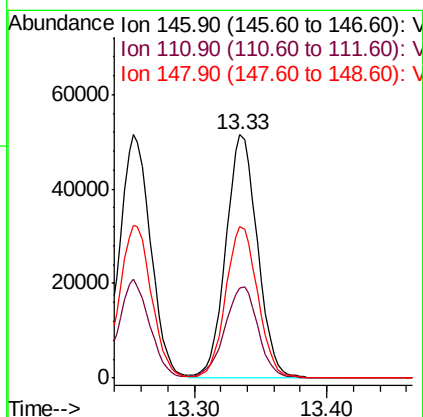
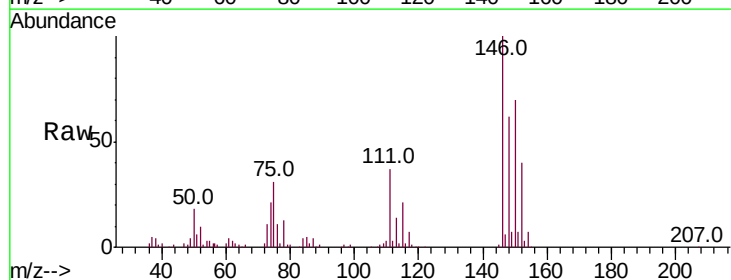
Delta R.T. -0.00 min

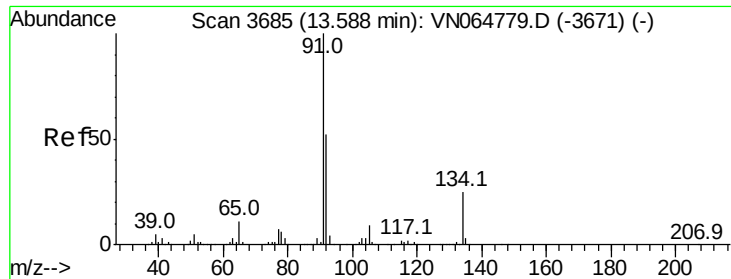
Lab File: VN065012.D

Acq: 9 Dec 2020 11:46

Tgt Ion:146 Resp: 85463

Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.8	59.3
148	63.1	31.9	95.5

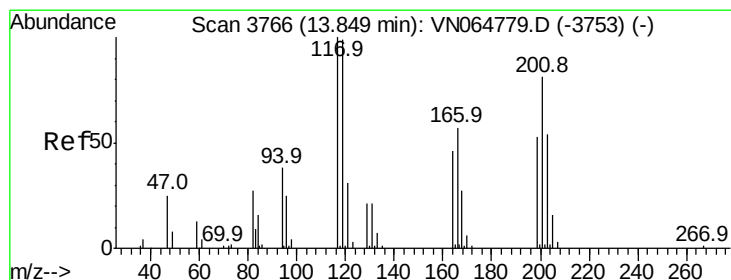
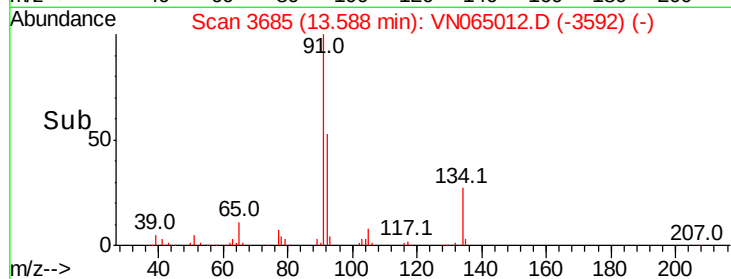
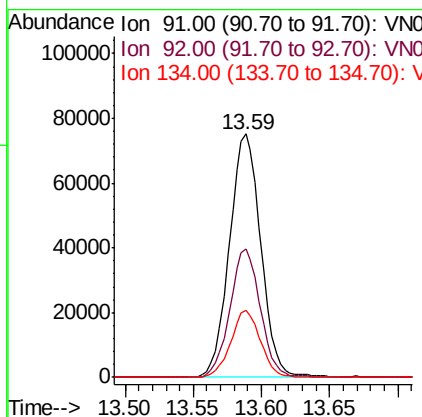
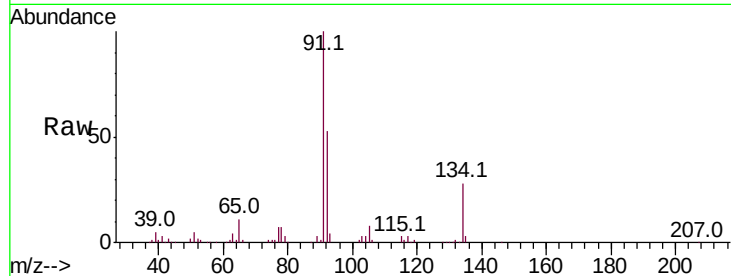




#89
n-Butylbenzene
Concen: 17.144 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN065012.D
Acq: 9 Dec 2020 11:46

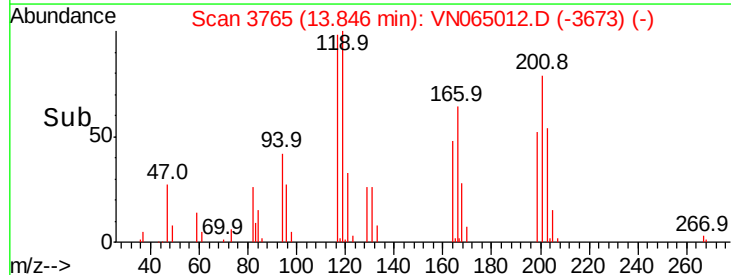
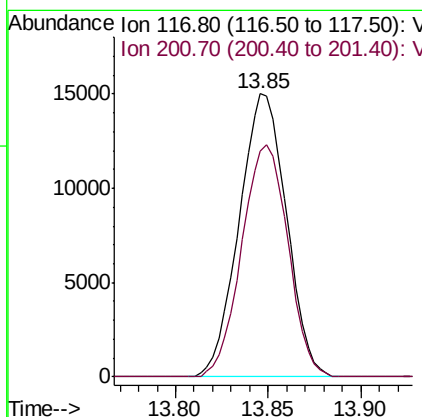
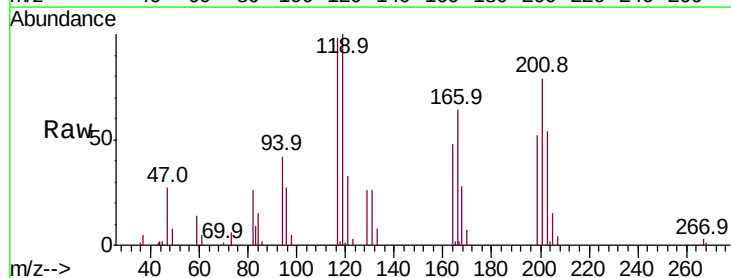
Instrument :
MSVOA_N
ClientSampled :
VN1209WBS01

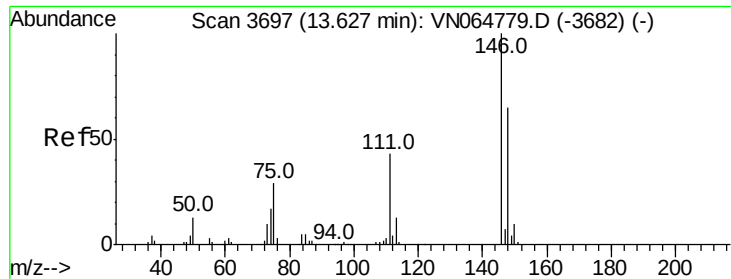
Tot Ion: 91 Resp: 120053
Ion Ratio Lower Upper
91 100
92 51.1 26.0 78.0
134 26.1 12.9 38.6



#90
Hexachloroethane
Concen: 19.168 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN065012.D
Acq: 9 Dec 2020 11:46

Tgt Ion: 117 Resp: 26553
Ion Ratio Lower Upper
117 100
201 80.1 40.1 120.3

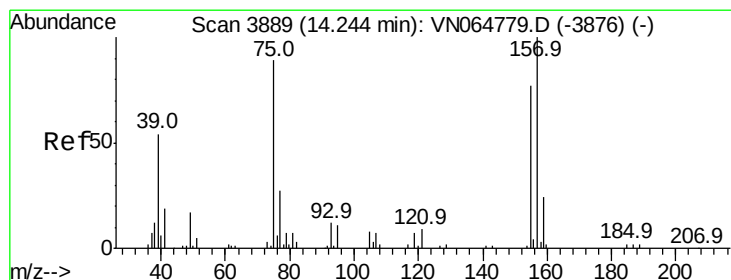
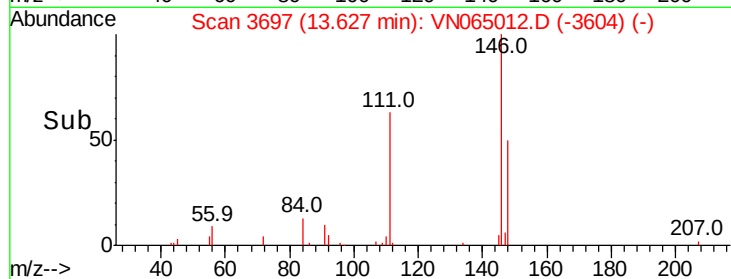
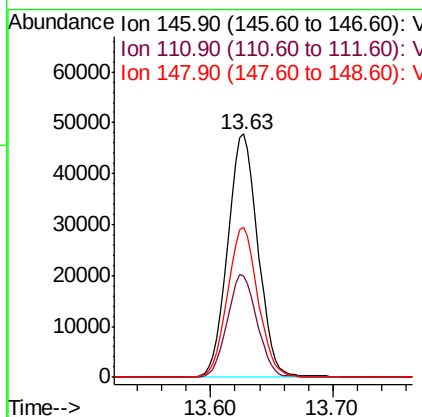
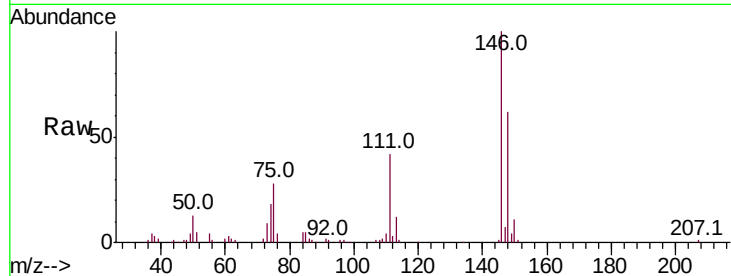




#91
 1,2-Dichlorobenzene
 Concen: 18.609 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN065012.D
 Acq: 9 Dec 2020 11:46

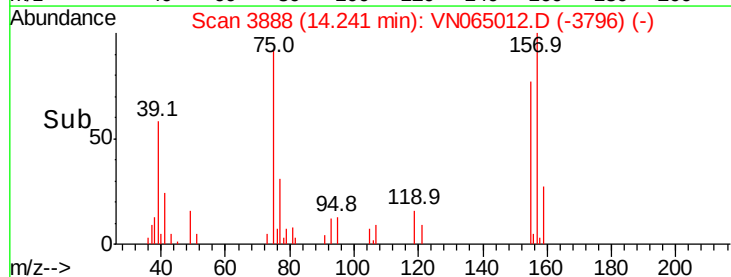
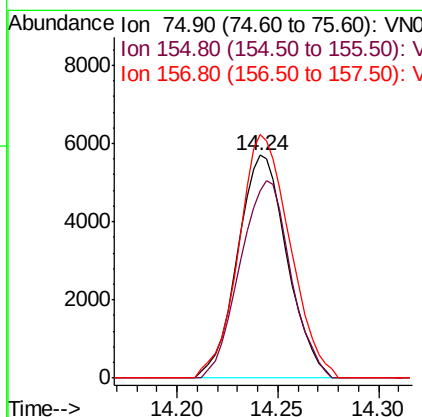
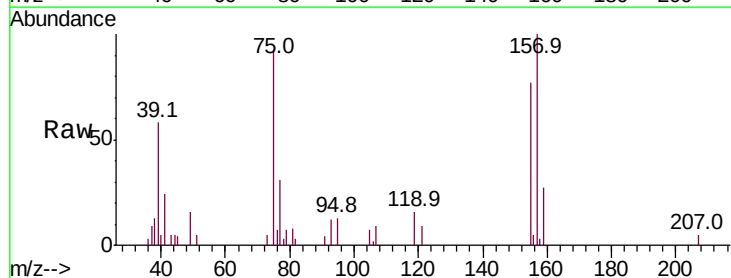
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1209WBS01

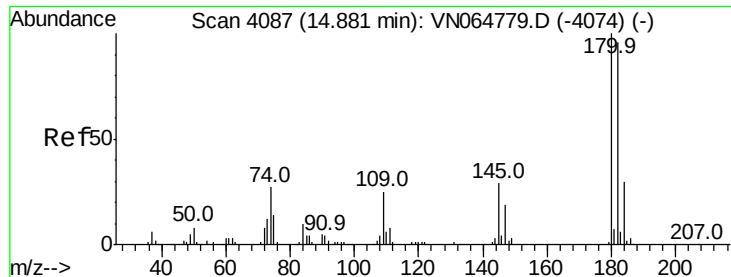
Tot Ion:146 Resp: 82868
 Ion Ratio Lower Upper
 146 100
 111 41.5 21.1 63.1
 148 62.0 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 15.680 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN065012.D
 Acq: 9 Dec 2020 11:46

Tgt Ion: 75 Resp: 9791
 Ion Ratio Lower Upper
 75 100
 155 90.2 42.8 128.3
 157 112.8 56.4 169.1

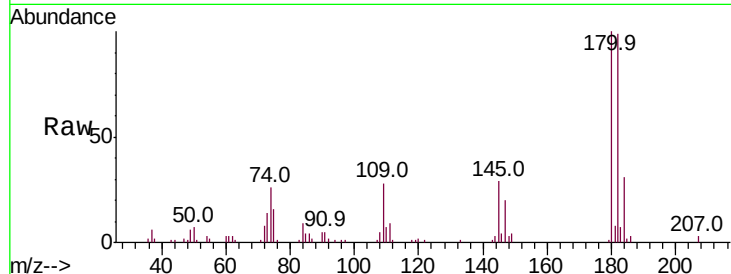




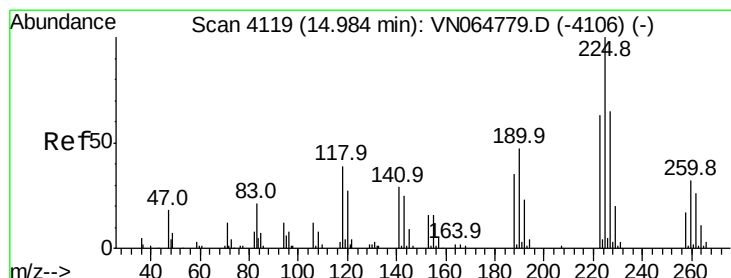
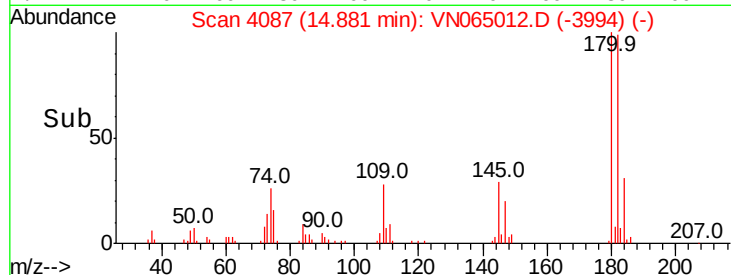
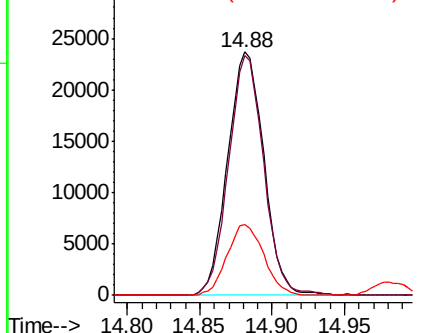
#93
1,2,4-Trichlorobenzene
Concen: 14.893 ug/l
RT: 14.88 min Scan# 4087
Delta R.T. 0.00 min
Lab File: VN065012.D
Acq: 9 Dec 2020 11:46

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01

Tot Ion:180 Resp: 41025
Ion Ratio Lower Upper
180 100
182 95.6 47.6 142.9
145 29.4 15.3 45.8

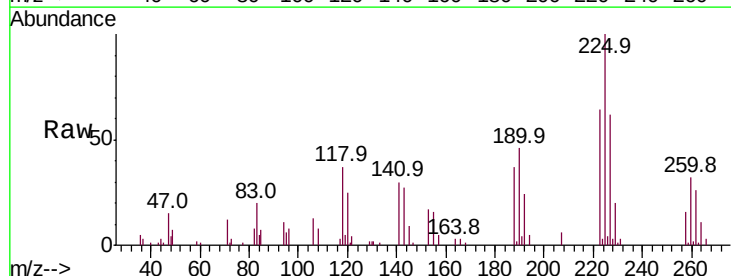


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

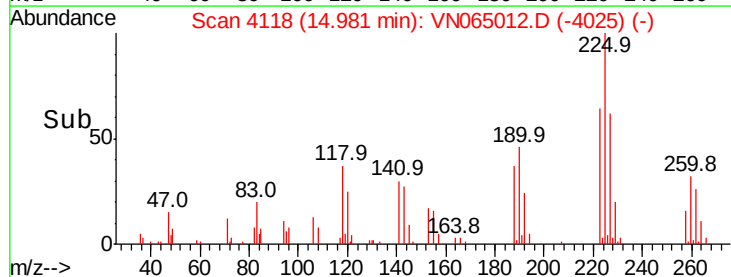
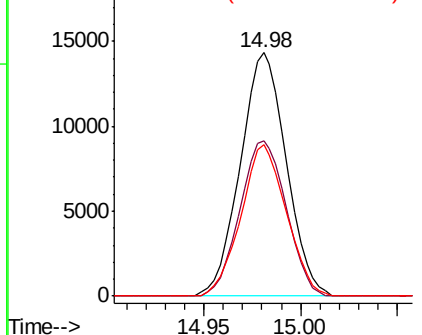


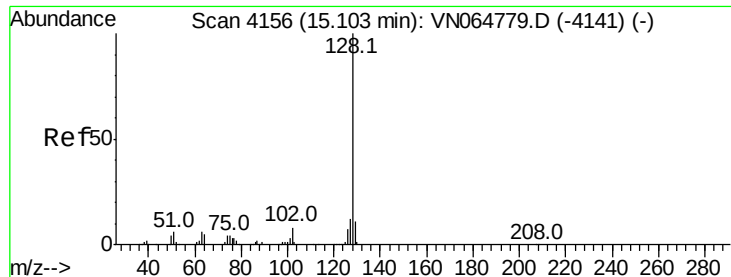
#94
Hexachlorobutadiene
Concen: 19.297 ug/l
RT: 14.98 min Scan# 4118
Delta R.T. -0.00 min
Lab File: VN065012.D
Acq: 9 Dec 2020 11:46

Tgt Ion:225 Resp: 23652
Ion Ratio Lower Upper
225 100
223 64.2 31.0 93.0
227 61.4 32.0 96.0



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: 13.691 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN065012.D

Acq: 9 Dec 2020 11:46

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBS01

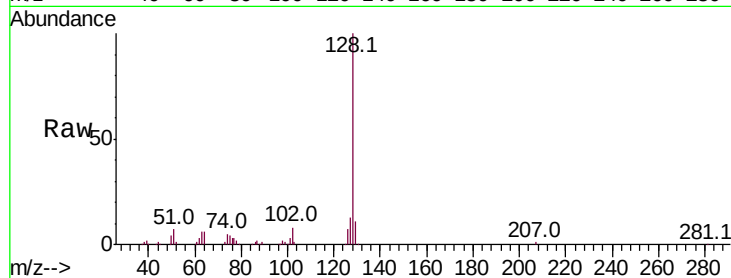
Tot Ion:128 Resp: 112991

Ion Ratio Lower Upper

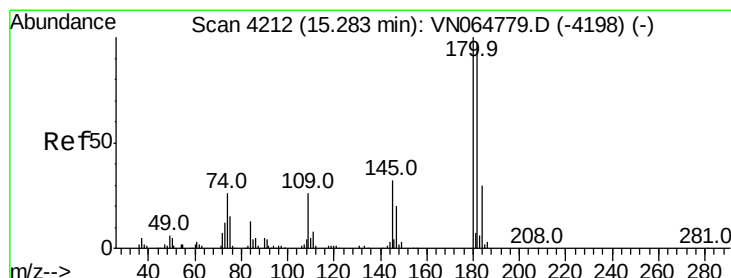
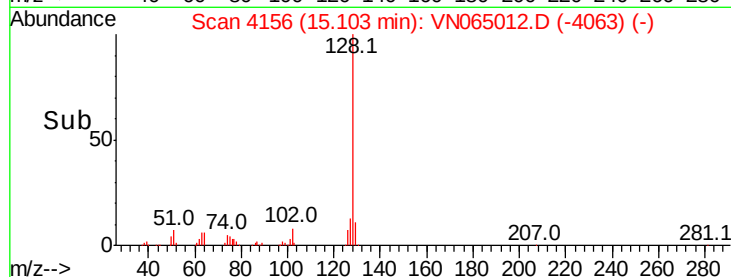
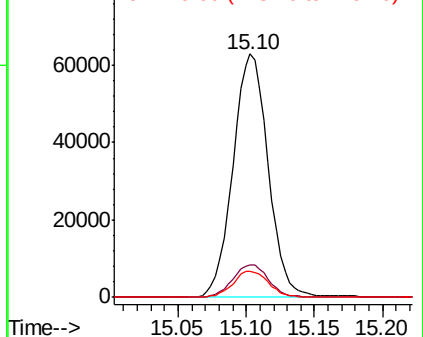
128 100

127 13.5 10.3 15.5

129 10.7 8.7 13.1



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



#96

1,2,3-Trichlorobenzene

Concen: 16.295 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN065012.D

Acq: 9 Dec 2020 11:46

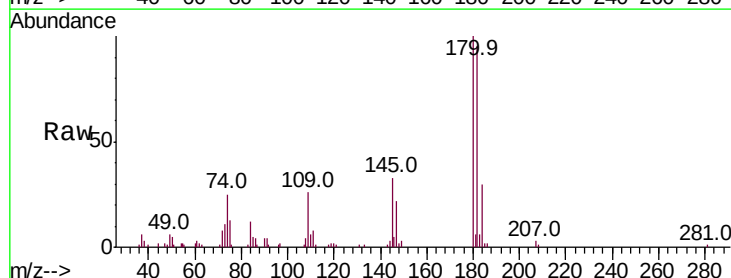
Tgt Ion:180 Resp: 40131

Ion Ratio Lower Upper

180 100

182 93.4 48.1 144.4

145 32.1 16.4 49.1



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

