

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121020\
 Data File : VX019813.D
 Acq On : 10 Dec 2020 10:28
 Operator : JC/MD
 Sample : VX1210WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBS01

Quant Time: Dec 11 00:48:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	292185	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	472364	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	434972	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	211284	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		6.03	65	175522	45.71	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	91.42%	
35) Dibromofluoromethane		5.46	113	141823	46.46	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	92.92%	
50) Toluene-d8		8.70	98	552668	47.42	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	94.84%	
62) 4-Bromofluorobenzene		11.12	95	206932	46.65	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	93.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	50000	18.691	ug/l	97
3) Chloromethane	1.31	50	53325	16.950	ug/l	99
4) Vinyl Chloride	1.39	62	62276	18.774	ug/l	99
5) Bromomethane	1.62	94	38011	34.510	ug/l	97
6) Chloroethane	1.71	64	39220	19.682	ug/l	96
7) Trichlorofluoromethane	1.92	101	88948	19.254	ug/l	98
8) Diethyl Ether	2.17	74	35671	18.221	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	51397	19.410	ug/l	99
10) Methyl Iodide	2.49	142	57878	14.829	ug/l	99
11) Tert butyl alcohol	3.01	59	71274	88.593	ug/l	100
12) 1,1-Dichloroethene	2.36	96	49662	18.551	ug/l	98
13) Acrolein	2.27	56	32357	76.335	ug/l	99
14) Allyl chloride	2.70	41	82480	18.243	ug/l	100
15) Acrylonitrile	3.11	53	160202	92.280	ug/l	99
16) Acetone	2.42	43	136700	94.705	ug/l	98
17) Carbon Disulfide	2.55	76	130286	16.961	ug/l	98
18) Methyl Acetate	2.75	43	67911	19.226	ug/l	99
19) Methyl tert-butyl Ether	3.16	73	184842	18.959	ug/l	100
20) Methylene Chloride	2.83	84	64109	18.560	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	58331	18.690	ug/l	98
22) Diisopropyl ether	3.82	45	176561	19.314	ug/l	98
23) Vinyl Acetate	3.78	43	732110	94.004	ug/l	100
24) 1,1-Dichloroethane	3.67	63	105639	19.163	ug/l	99
25) 2-Butanone	4.62	43	205019	92.436	ug/l	99
26) 2,2-Dichloropropane	4.55	77	88569	18.657	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	68079	18.639	ug/l	99
28) Bromochloromethane	4.98	49	46599	17.733	ug/l	100
29) Tetrahydrofuran	5.08	42	127731	89.384	ug/l	99
30) Chloroform	5.17	83	109097	19.247	ug/l	98
31) Cyclohexane	5.54	56	89588	18.755	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	93189	19.091	ug/l	100
36) 1,1-Dichloropropene	5.76	75	80510	18.862	ug/l	99
37) Ethyl Acetate	4.79	43	78328	18.175	ug/l	99
38) Carbon Tetrachloride	5.75	117	78970	18.893	ug/l	100

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 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	94015	18.747	ug/l	99
40) Benzene	6.10	78	247589	18.989	ug/l	99
41) Methacrylonitrile	4.99	41	43863	18.537	ug/l	99
42) 1,2-Dichloroethane	6.15	62	85395	19.169	ug/l	99
43) Isopropyl Acetate	6.40	43	126122	18.000	ug/l	100
44) Trichloroethene	7.18	130	63997	18.707	ug/l	97
45) 1,2-Dichloropropane	7.48	63	61900	18.995	ug/l	96
46) Dibromomethane	7.63	93	41695	18.946	ug/l	100
47) Bromodichloromethane	7.87	83	82110	18.803	ug/l	99
48) Methyl methacrylate	7.74	41	61807	17.936	ug/l	99
49) 1,4-Dioxane	7.71	88	29330	351.352	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	396880	92.776	ug/l	100
52) Toluene	8.76	92	151869	18.623	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	87755	18.109	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	97351	18.492	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	62806	19.111	ug/l	98
56) Ethyl methacrylate	9.15	69	91226	18.347	ug/l	100
57) 1,3-Dichloropropane	9.35	76	105621	18.822	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	247424	93.933	ug/l	99
59) 2-Hexanone	9.47	43	300475	90.617	ug/l	99
60) Dibromochloromethane	9.56	129	62653	18.765	ug/l	100
61) 1,2-Dibromoethane	9.65	107	65340	18.724	ug/l	98
64) Tetrachloroethene	9.32	164	58823	20.166	ug/l	97
65) Chlorobenzene	10.12	112	161440	18.629	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	60284	19.327	ug/l	98
67) Ethyl Benzene	10.23	91	288316	18.743	ug/l	99
68) m/p-Xylenes	10.34	106	220376	38.020	ug/l	100
69) o-Xylene	10.68	106	104704	18.779	ug/l	99
70) Styrene	10.70	104	177368	18.847	ug/l	99
71) Bromoform	10.84	173	43763	17.835	ug/l	100
73) Isopropylbenzene	11.00	105	286345	19.837	ug/l	99
74) N-amyl acetate	10.88	43	101389	17.527	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	97409	19.141	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	107200	22.622	ug/l	88
77) Bromobenzene	11.24	156	71281	19.296	ug/l	97
78) n-propylbenzene	11.34	91	325301	19.731	ug/l	100
79) 2-Chlorotoluene	11.40	91	197751	19.477	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	238755	19.598	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	28773	17.553	ug/l	96
82) 4-Chlorotoluene	11.49	91	228038	19.178	ug/l	99
83) tert-Butylbenzene	11.76	119	232183	19.433	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	241994	19.720	ug/l	99
85) sec-Butylbenzene	11.93	105	268882	19.711	ug/l	99
86) p-Isopropyltoluene	12.05	119	248119	19.846	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	129820	19.148	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	129648	18.775	ug/l	99
89) n-Butylbenzene	12.37	91	212098	19.149	ug/l	99
90) Hexachloroethane	12.58	117	39689	18.388	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	127057	19.224	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	20303	18.558	ug/l	94

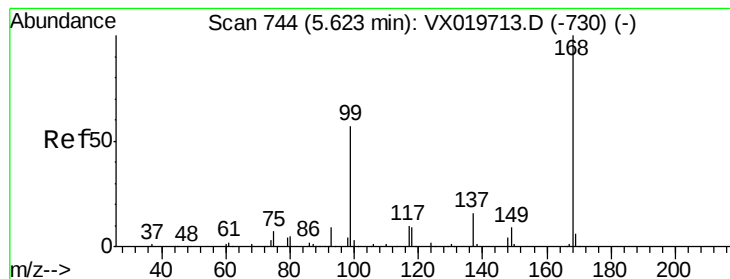
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121020\
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Quant Title : SW846 8260
QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	82516	19.179	ug/l	99
94) Hexachlorobutadiene	13.76	225	37187	19.339	ug/l	97
95) Naphthalene	13.82	128	261455	18.745	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	82921	19.721	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.00 min

Lab File: VX019813.D

Acq: 10 Dec 2020 10:28

Instrument :

MSVOA_X

ClientSampleId :

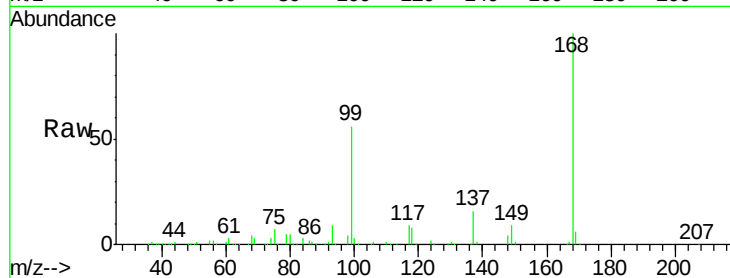
VX1210WBS01

Tgt Ion:168 Resp: 292185

Ion Ratio Lower Upper

168 100

99 55.5 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

120000

100000

80000

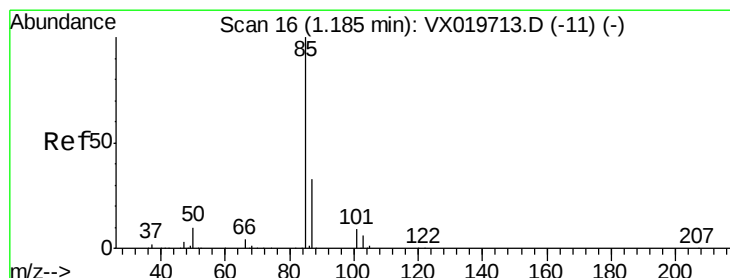
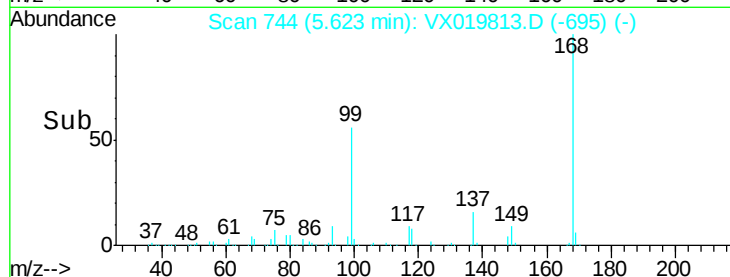
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.691 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019813.D

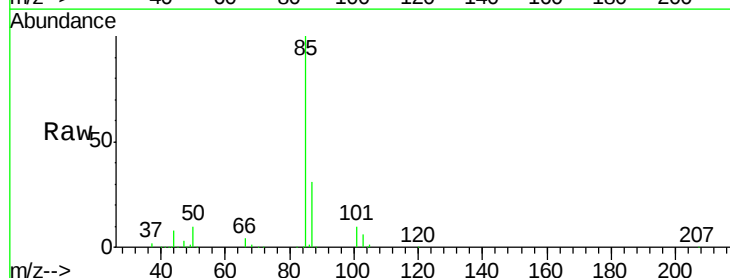
Acq: 10 Dec 2020 10:28

Tgt Ion: 85 Resp: 50000

Ion Ratio Lower Upper

85 100

87 31.4 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

60000

50000

40000

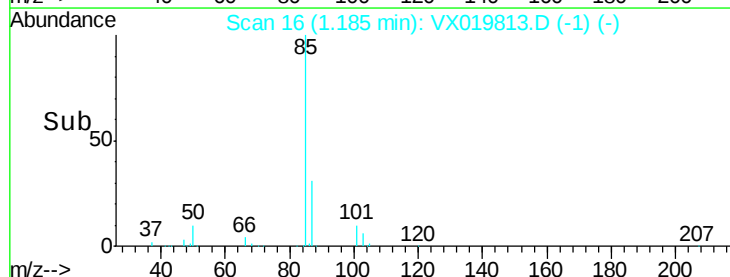
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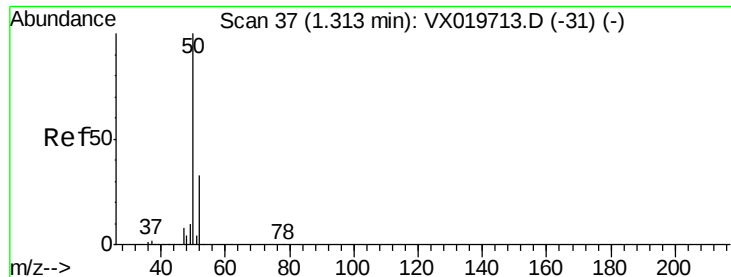
20000

10000

0

Time-->





#3

Chloromethane

Concen: 16.950 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019813.D

Acq: 10 Dec 2020 10:28

Instrument :

MSVOA_X

ClientSampleId :

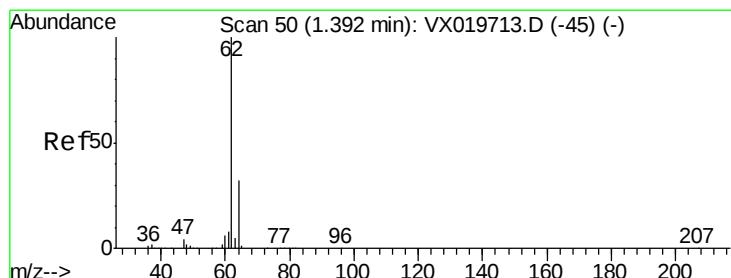
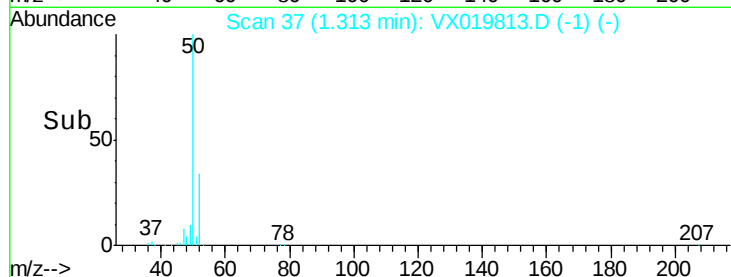
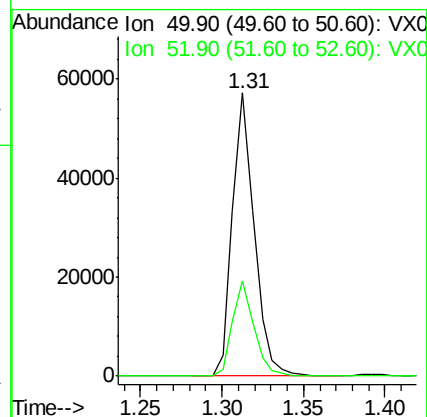
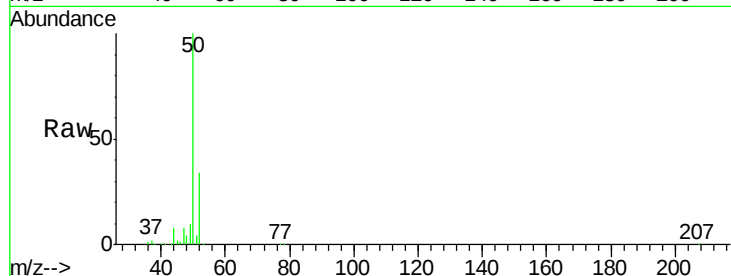
VX1210WBS01

Tgt Ion: 50 Resp: 53325

Ion Ratio Lower Upper

50 100

52 33.6 26.4 39.6



#4

Vinyl Chloride

Concen: 18.774 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019813.D

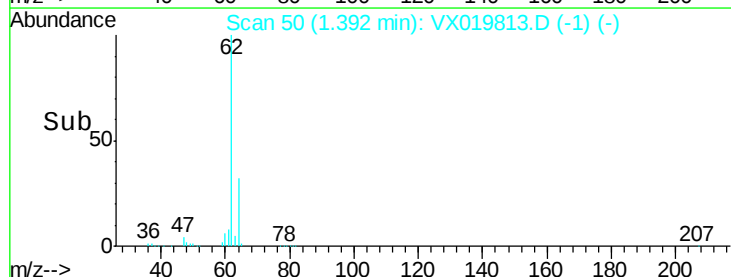
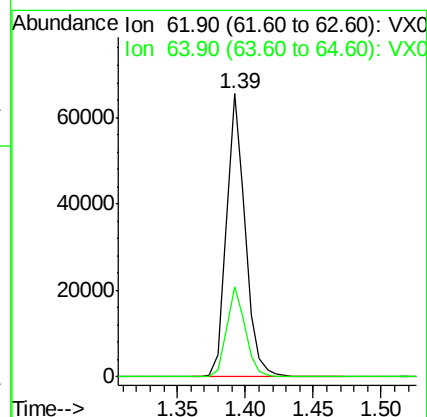
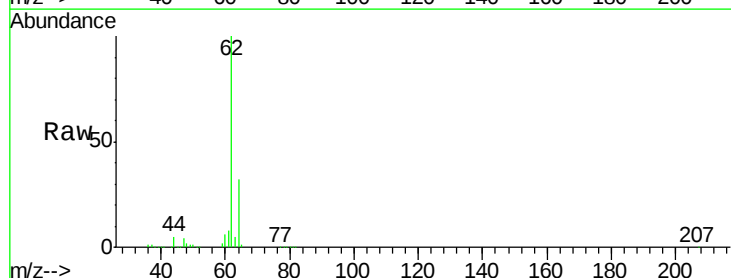
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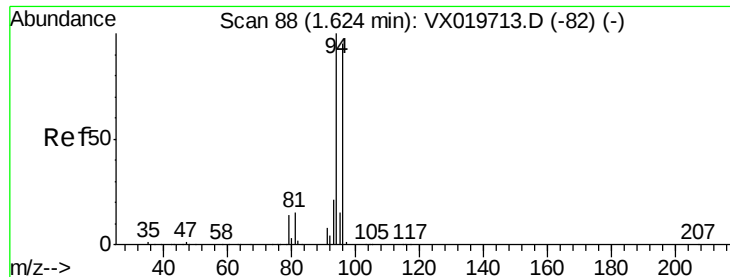
Tgt Ion: 62 Resp: 62276

Ion Ratio Lower Upper

62 100

64 31.6 25.7 38.5





#5

Bromomethane

Concen: 34.510 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX019813.D

Acq: 10 Dec 2020 10:28

Instrument :

MSVOA_X

ClientSampleId :

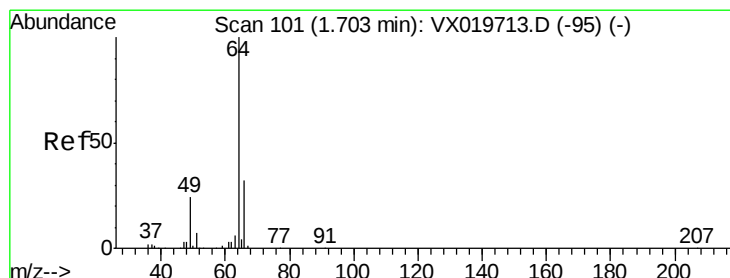
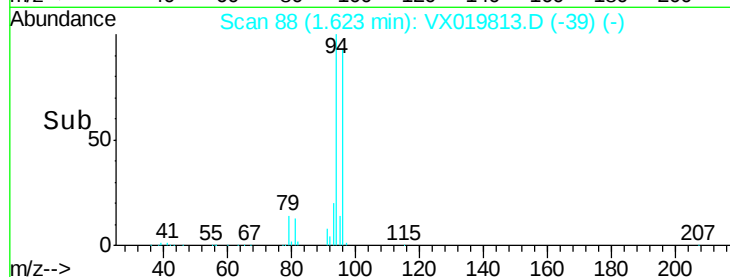
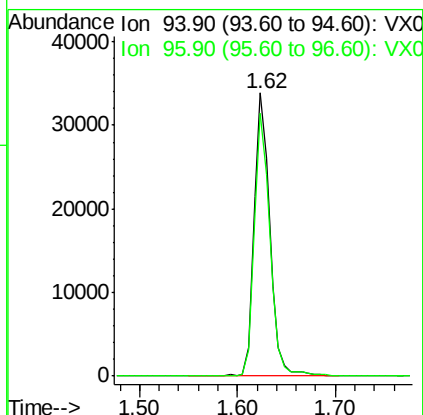
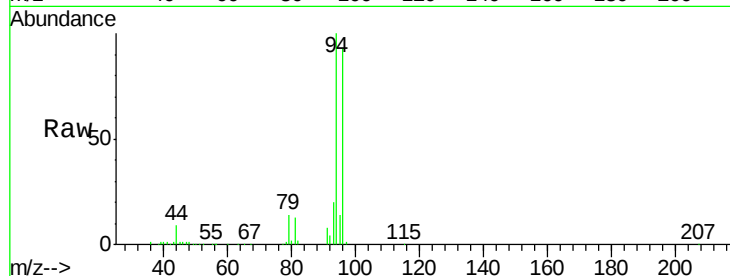
VX1210WBS01

Tgt Ion: 94 Resp: 38011

Ion Ratio Lower Upper

94 100

96 93.0 76.4 114.6



#6

Chloroethane

Concen: 19.682 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX019813.D

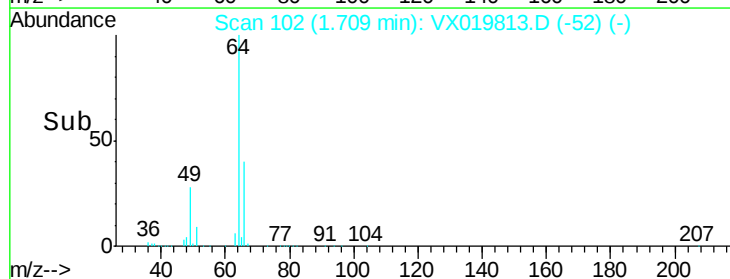
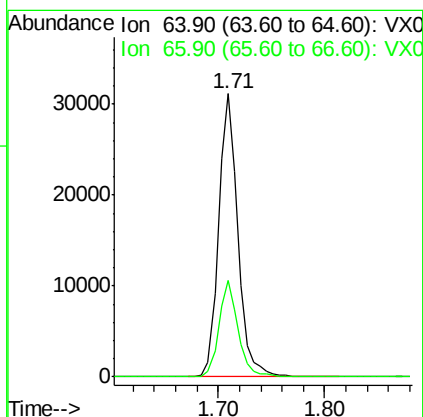
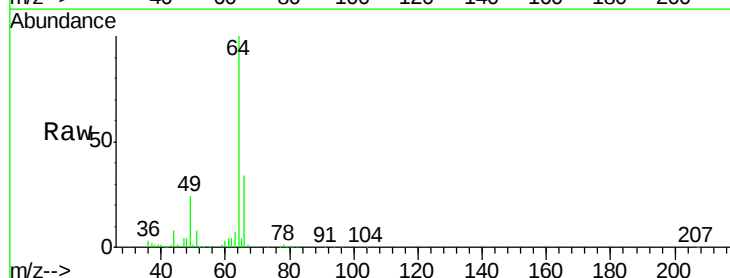
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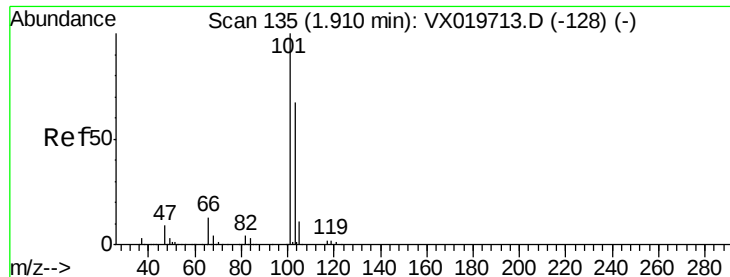
Tgt Ion: 64 Resp: 39220

Ion Ratio Lower Upper

64 100

66 34.1 25.4 38.0



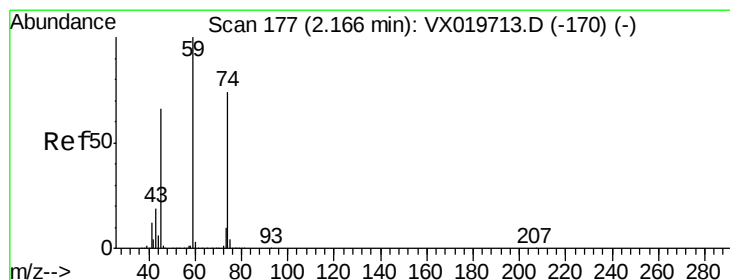
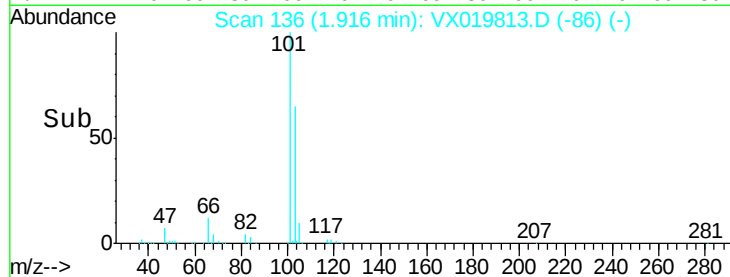
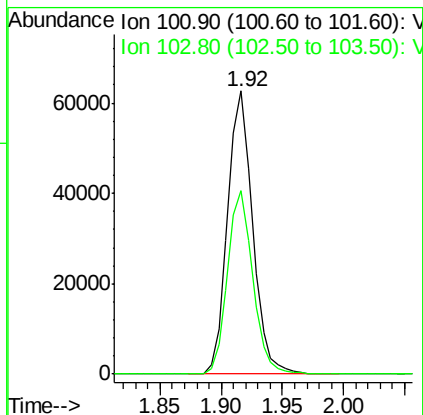
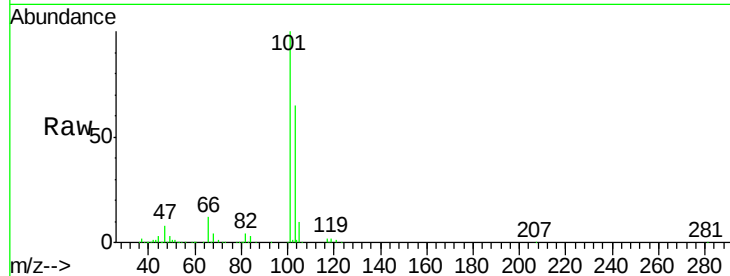


#7

Trichlorofluoromethane
 Concen: 19.254 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. 0.01 min
 Lab File: VX019813.D
 Acq: 10 Dec 2020 10:28

Instrument :
 MSVOA_X
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 VX1210WBS01

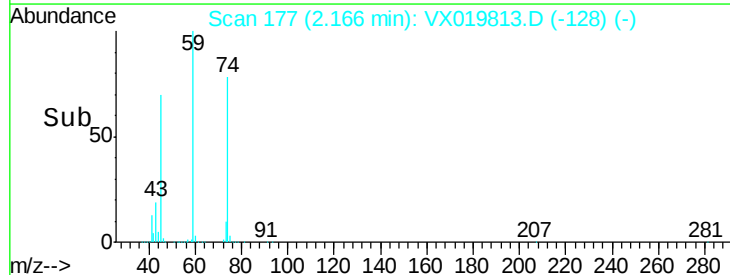
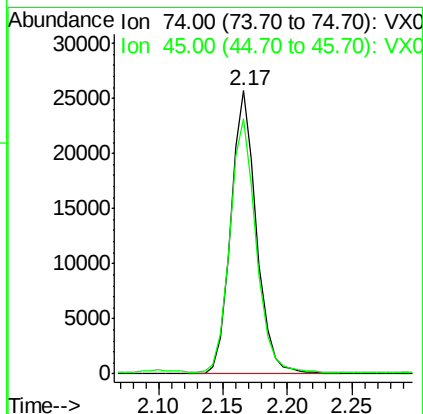
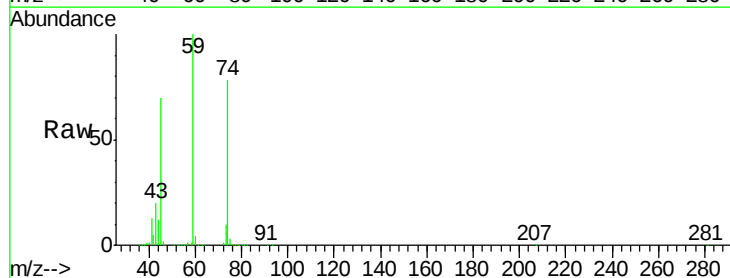
Tgt Ion:101 Resp: 88948
 Ion Ratio Lower Upper
 101 100
 103 64.9 53.2 79.8

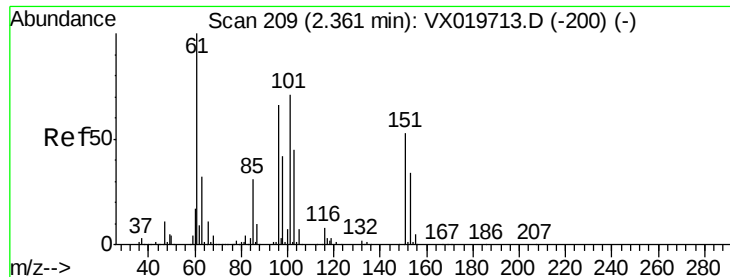


#8

Diethyl Ether
 Concen: 18.221 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX019813.D
 Acq: 10 Dec 2020 10:28

Tgt Ion: 74 Resp: 35671
 Ion Ratio Lower Upper
 74 100
 45 91.9 44.5 133.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.410 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX019813.D

Acq: 10 Dec 2020 10:28

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS01

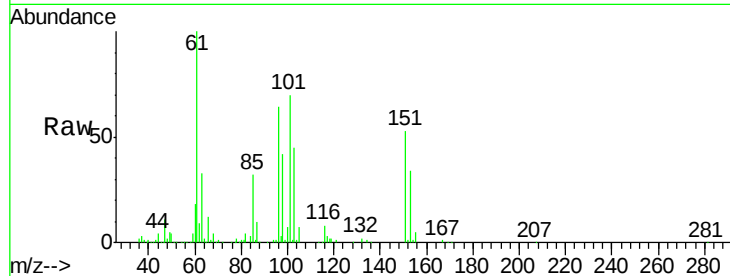
Tgt Ion:101 Resp: 51397

Ion Ratio Lower Upper

101 100

85 43.2 34.9 52.3

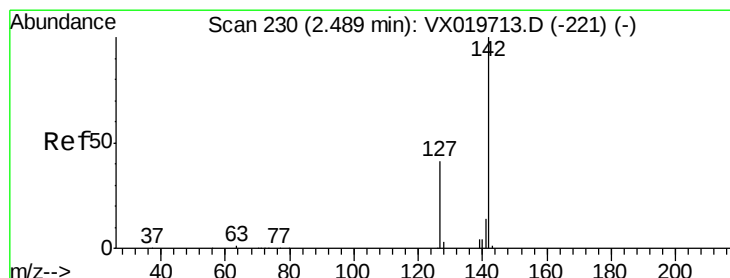
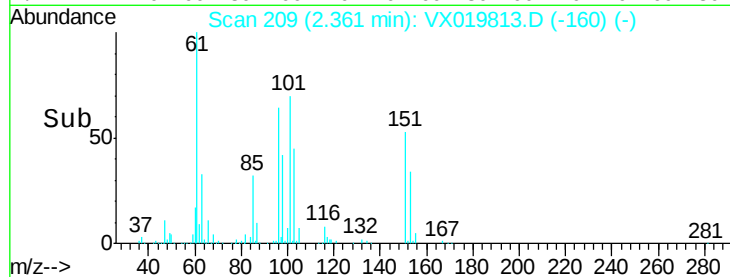
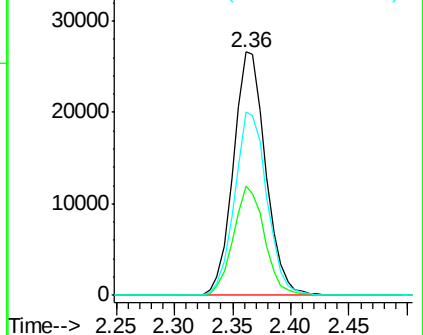
151 75.6 61.4 92.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 14.829 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX019813.D

Acq: 10 Dec 2020 10:28

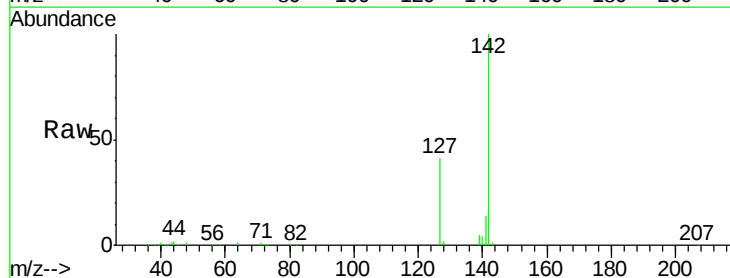
Tgt Ion:142 Resp: 57878

Ion Ratio Lower Upper

142 100

127 42.0 33.3 49.9

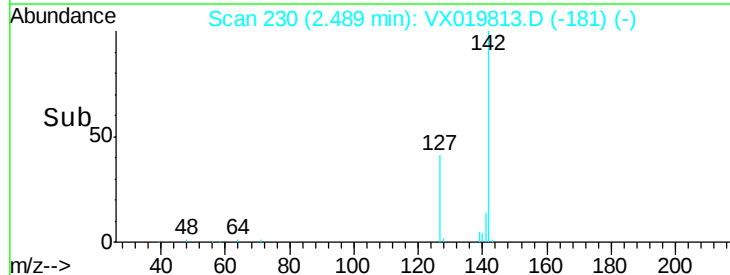
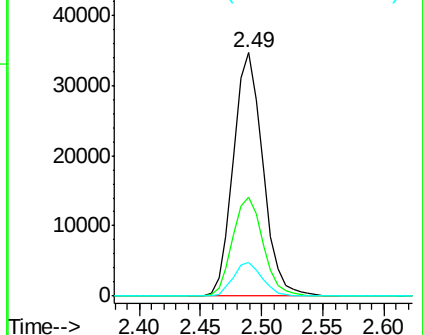
141 13.7 11.4 17.0

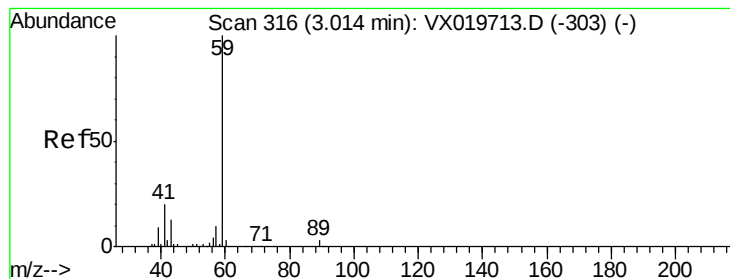


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



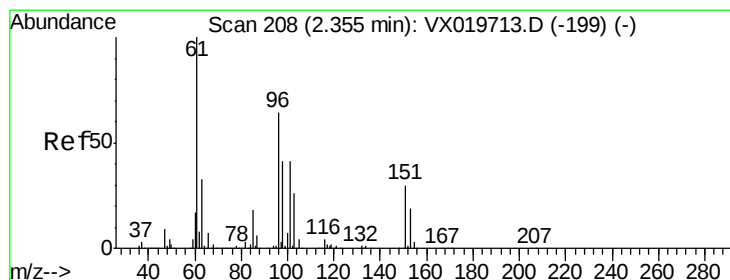
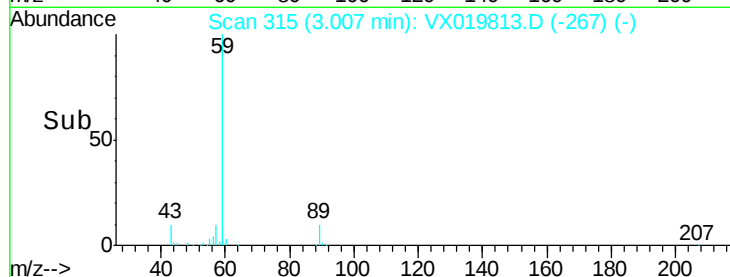
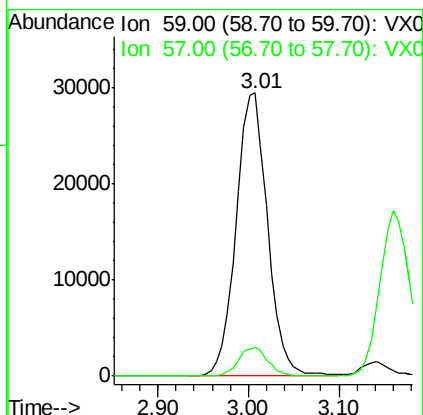
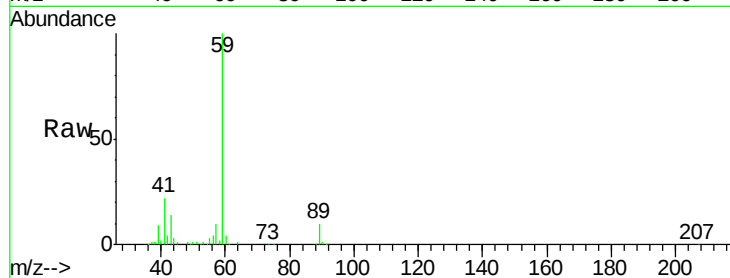


#11

Tert butyl alcohol
 Concen: 88.593 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX019813.D
 Acq: 10 Dec 2020 10:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBS01

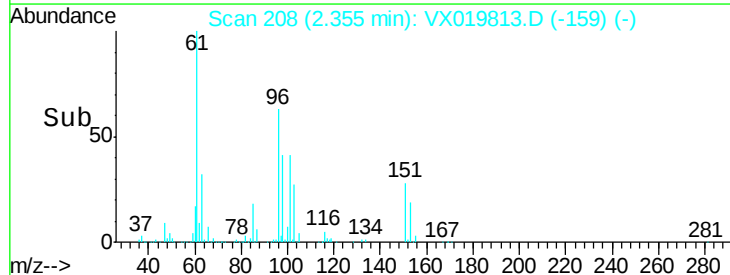
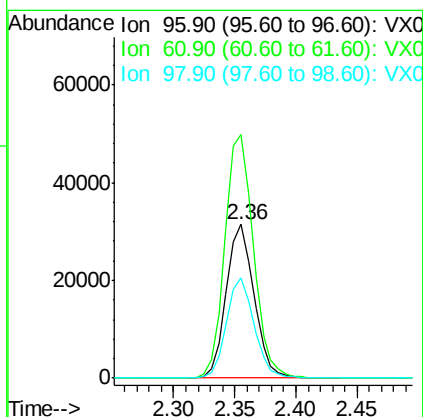
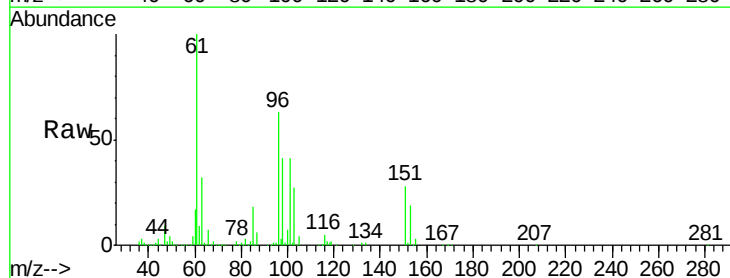
Tgt Ion: 59 Resp: 71274
 Ion Ratio Lower Upper
 59 100
 57 9.8 7.8 11.8

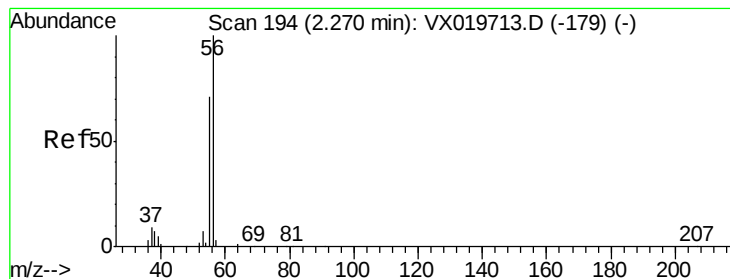


#12

1,1-Dichloroethene
 Concen: 18.551 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX019813.D
 Acq: 10 Dec 2020 10:28

Tgt Ion: 96 Resp: 49662
 Ion Ratio Lower Upper
 96 100
 61 158.3 124.6 187.0
 98 65.0 50.6 76.0





#13

Acrolein

Concen: 76.335 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX019813.D

Acq: 10 Dec 2020 10:28

Instrument :

MSVOA_X

ClientSampleId :

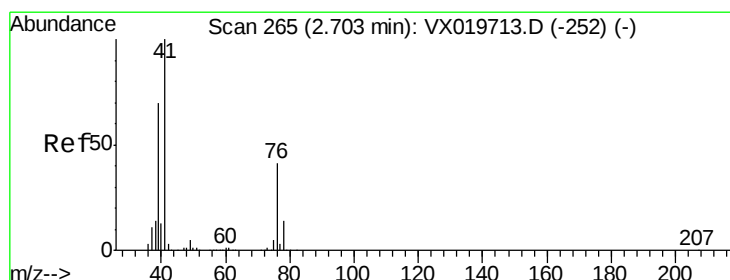
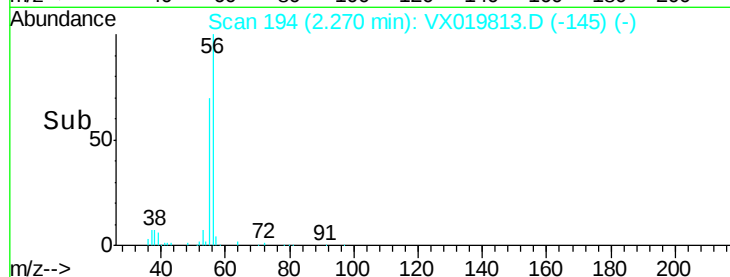
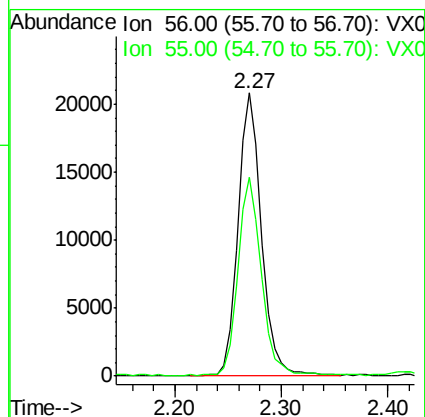
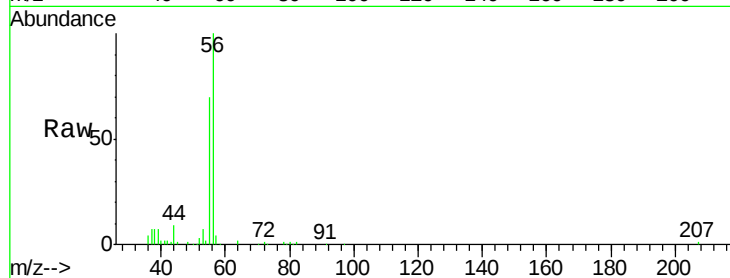
VX1210WBS01

Tgt Ion: 56 Resp: 32357

Ion Ratio Lower Upper

56 100

55 69.6 56.4 84.6



#14

Allyl chloride

Concen: 18.243 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX019813.D

Acq: 10 Dec 2020 10:28

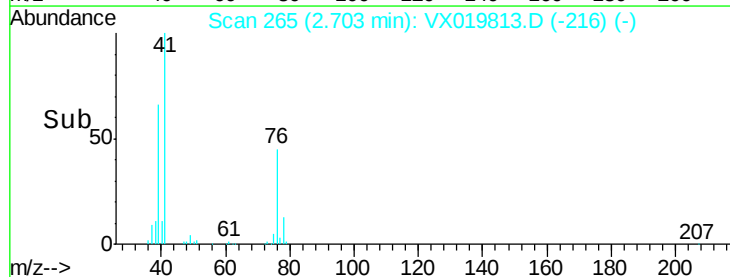
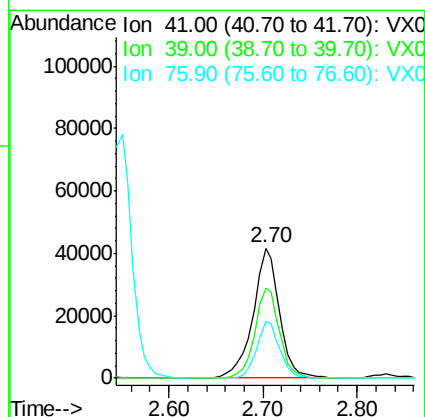
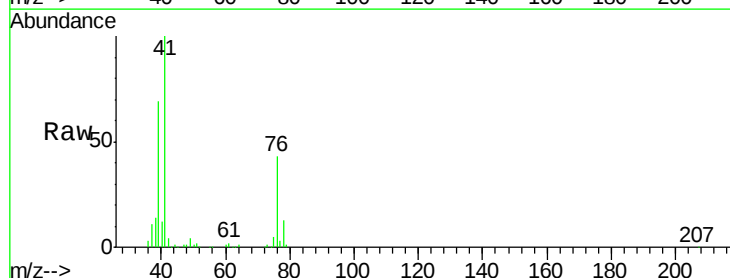
Tgt Ion: 41 Resp: 82480

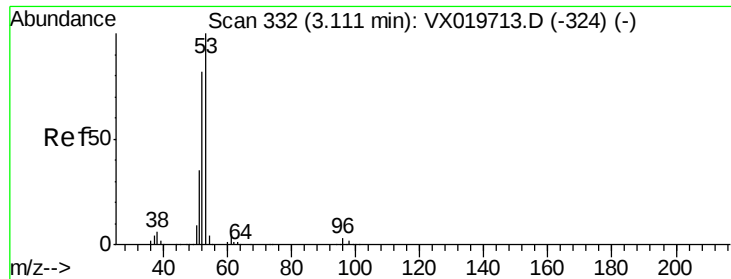
Ion Ratio Lower Upper

41 100

39 64.5 51.6 77.4

76 37.9 30.5 45.7





#15

Acrylonitrile

Concen: 92.280 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.00 min

Lab File: VX019813.D

Acq: 10 Dec 2020 10:28

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS01

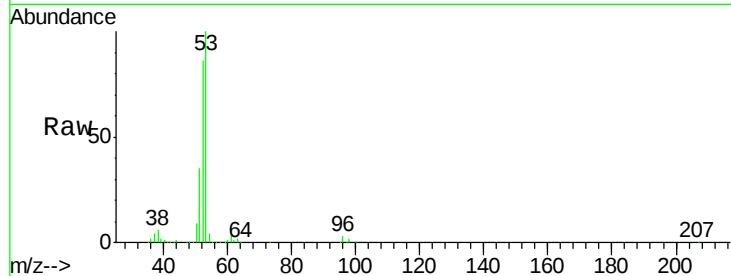
Tgt Ion: 53 Resp: 160202

Ion Ratio Lower Upper

53 100

52 82.1 65.3 97.9

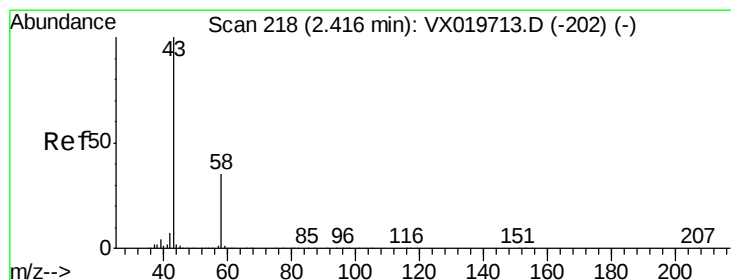
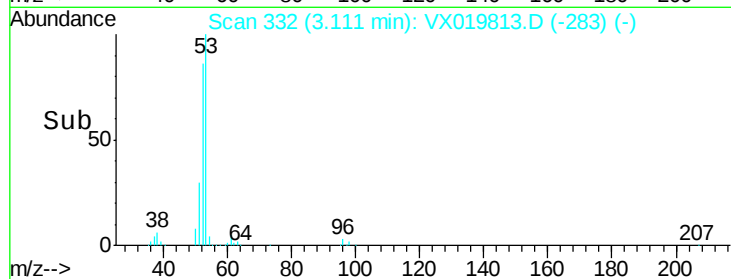
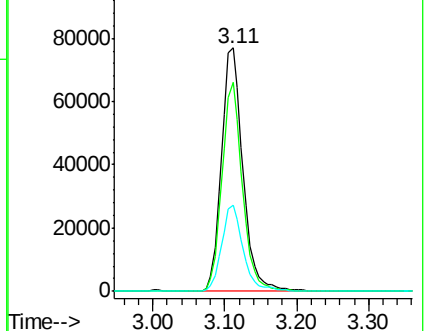
51 35.6 28.2 42.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 94.705 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX019813.D

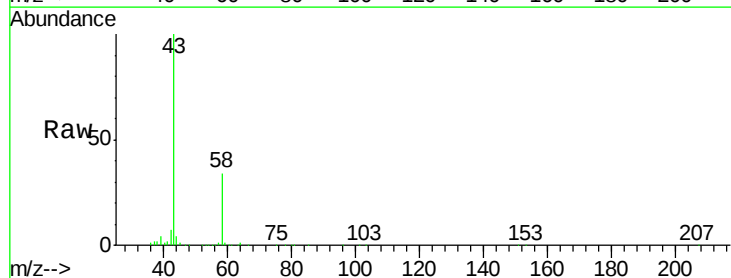
Acq: 10 Dec 2020 10:28

Tgt Ion: 43 Resp: 136700

Ion Ratio Lower Upper

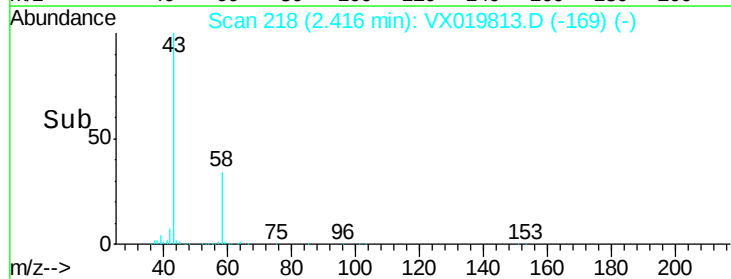
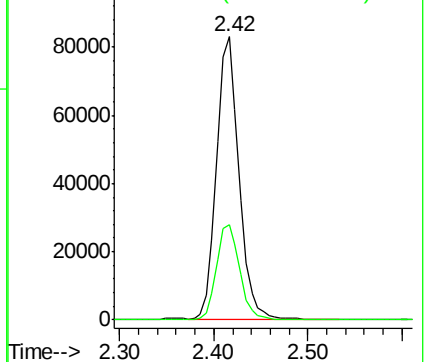
43 100

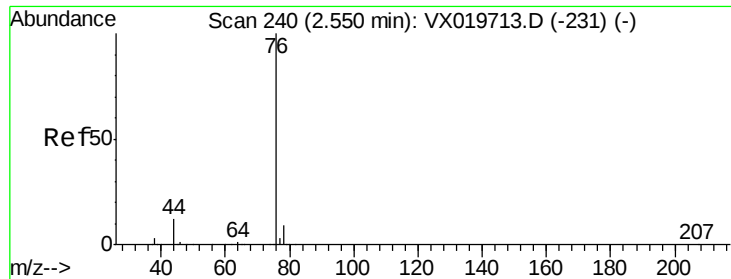
58 33.6 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 16.961 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX019813.D

Acq: 10 Dec 2020 10:28

Instrument :

MSVOA_X

ClientSampleId :

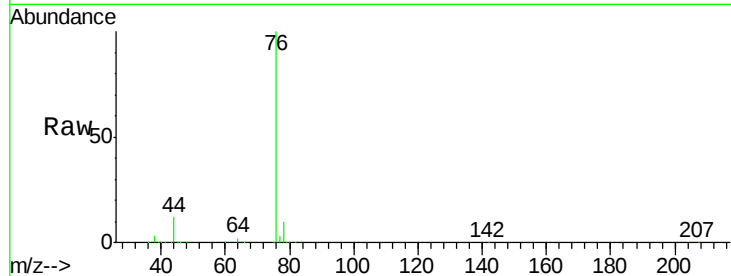
VX1210WBS01

Tgt Ion: 76 Resp: 130286

Ion Ratio Lower Upper

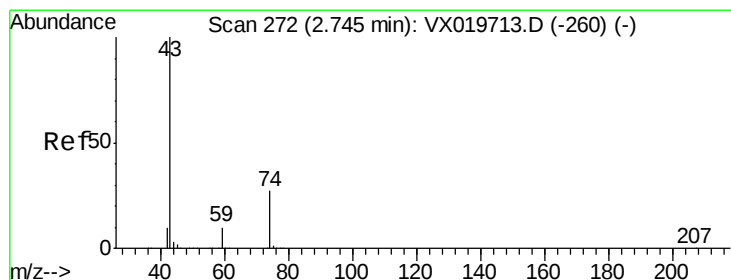
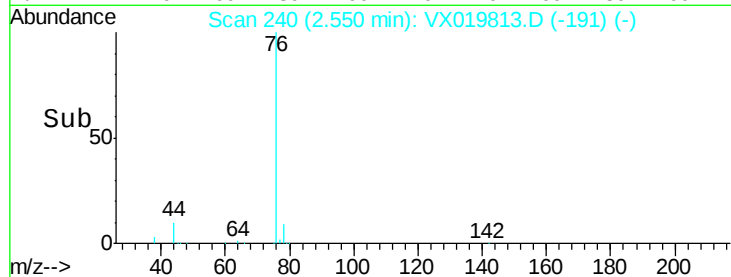
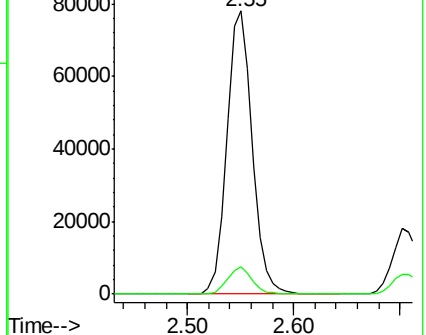
76 100

78 9.6 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 19.226 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX019813.D

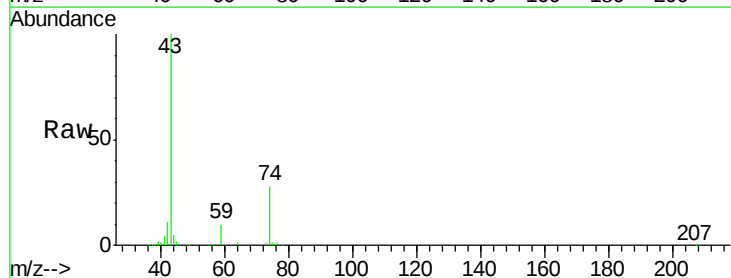
Acq: 10 Dec 2020 10:28

Tgt Ion: 43 Resp: 67911

Ion Ratio Lower Upper

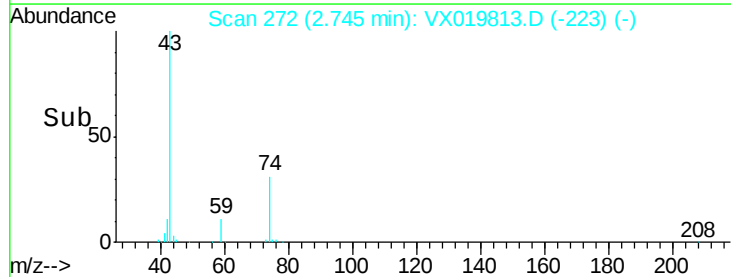
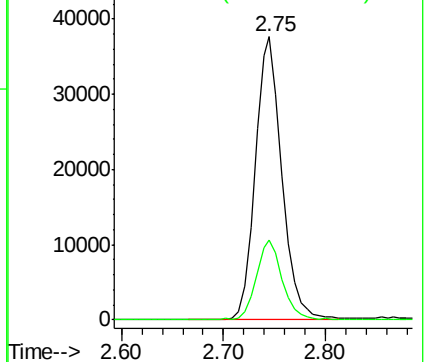
43 100

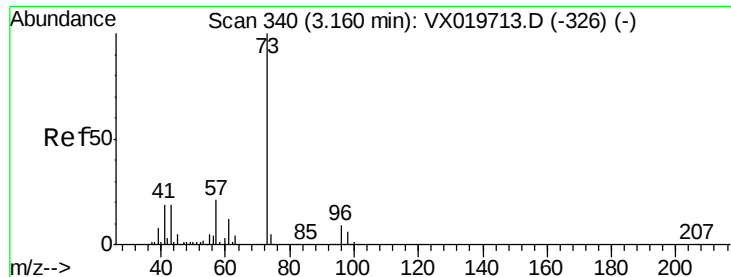
74 28.1 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

Methyl tert-butyl Ether

Concen: 18.959 ug/l

RT: 3.16 min Scan# 340

Delta R.T. -0.00 min

Lab File: VX019813.D

Acq: 10 Dec 2020 10:28

Instrument :

MSVOA_X

ClientSampleId :

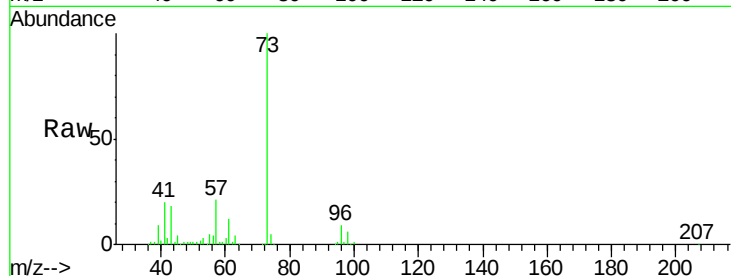
VX1210WBS01

Tgt Ion: 73 Resp: 184842

Ion Ratio Lower Upper

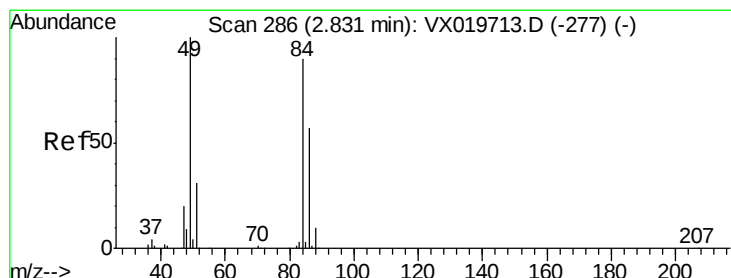
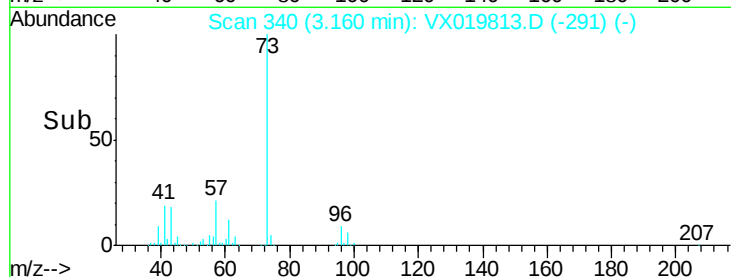
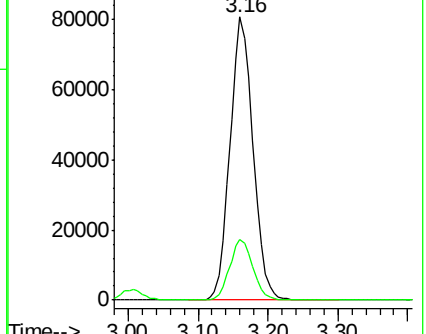
73 100

57 21.5 17.1 25.7



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#20

Methylene Chloride

Concen: 18.560 ug/l

RT: 2.83 min Scan# 286

Delta R.T. 0.00 min

Lab File: VX019813.D

Acq: 10 Dec 2020 10:28

Tgt Ion: 84 Resp: 64109

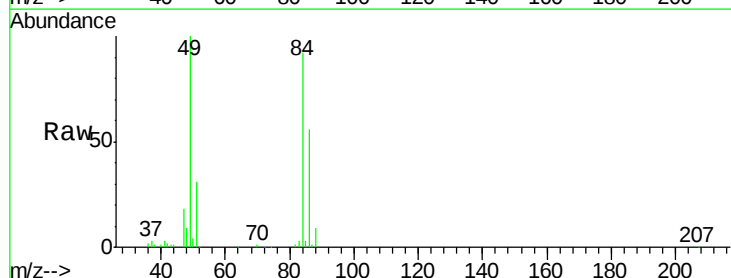
Ion Ratio Lower Upper

84 100

49 108.9 88.6 132.8

51 33.9 27.0 40.6

86 61.4 50.3 75.5

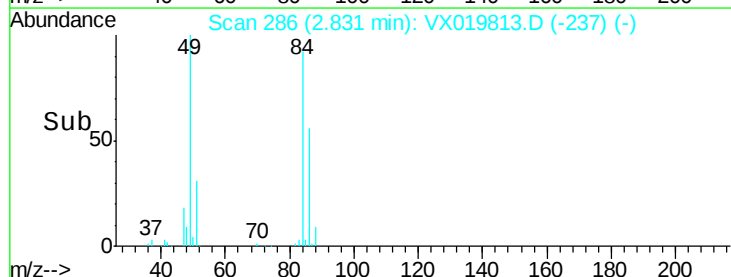
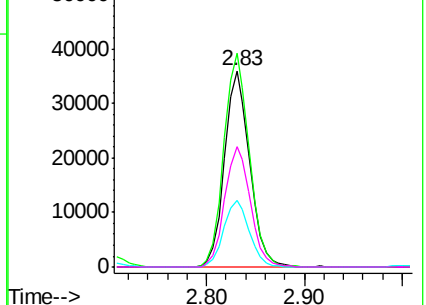


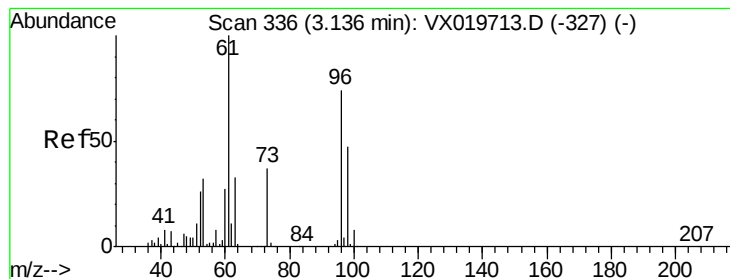
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 18.690 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.01 min

Lab File: VX019813.D

Acq: 10 Dec 2020 10:28

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS01

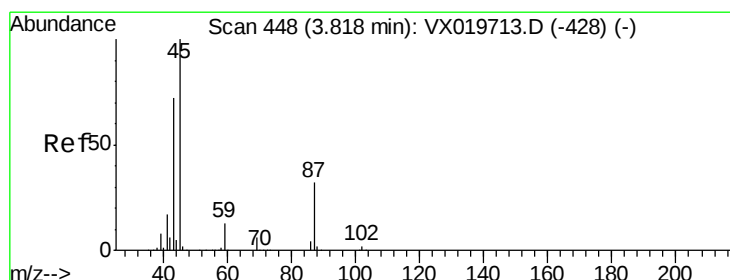
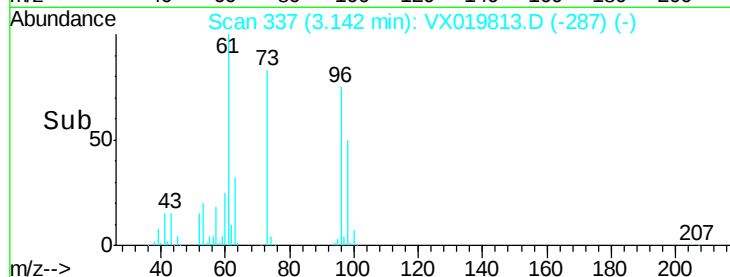
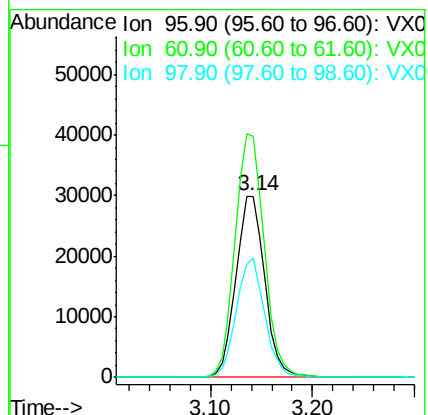
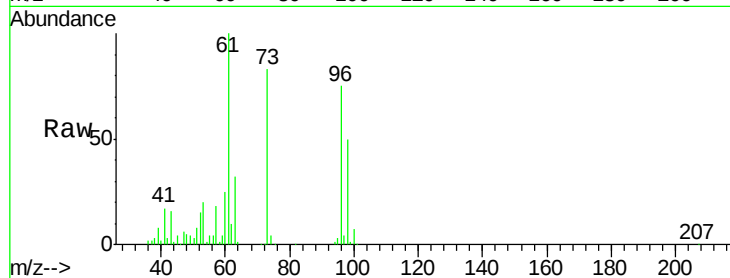
Tgt Ion: 96 Resp: 58331

Ion Ratio Lower Upper

96 100

61 133.1 107.7 161.5

98 66.0 50.4 75.6



#22

Diisopropyl ether

Concen: 19.314 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.00 min

Lab File: VX019813.D

Acq: 10 Dec 2020 10:28

Tgt Ion: 45 Resp: 176561

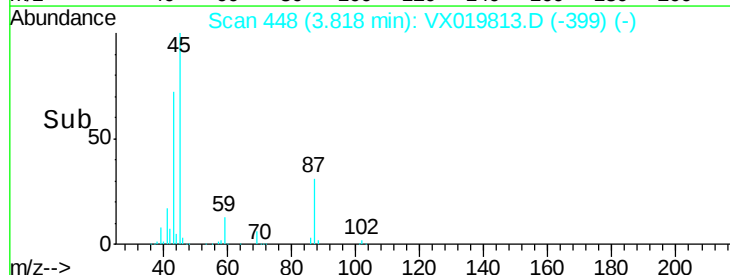
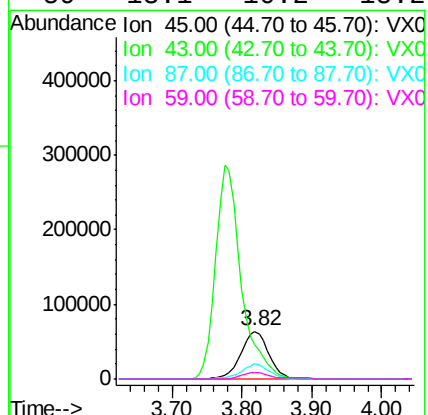
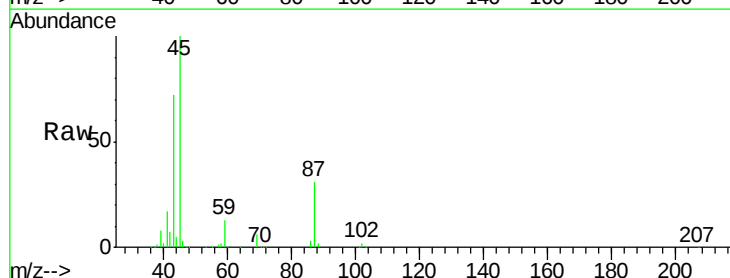
Ion Ratio Lower Upper

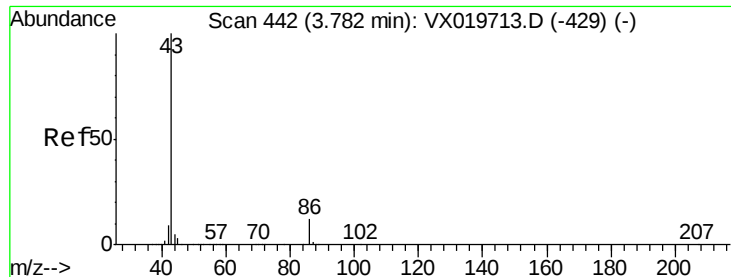
45 100

43 70.8 58.0 87.0

87 31.1 25.4 38.0

59 13.1 10.2 15.2





#23

Vinyl Acetate

Concen: 94.004 ug/l

RT: 3.78 min Scan# 441

Delta R.T. -0.01 min

Lab File: VX019813.D

Acq: 10 Dec 2020 10:28

Instrument :

MSVOA_X

ClientSampleId :

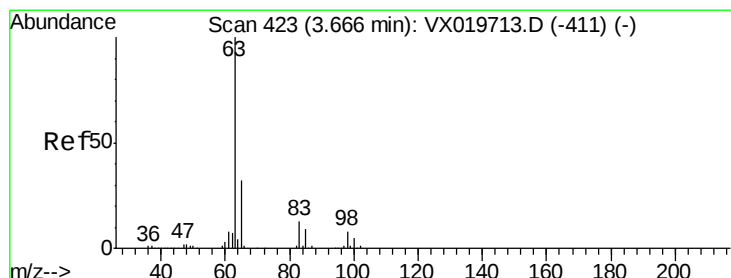
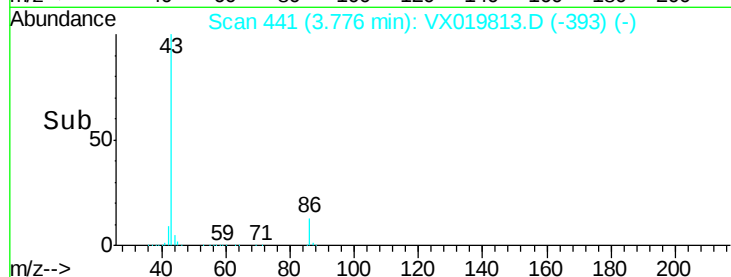
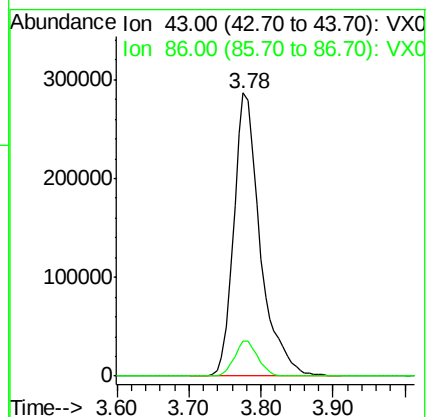
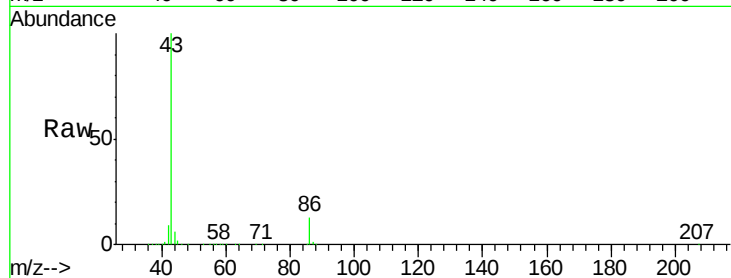
VX1210WBS01

Tgt Ion: 43 Resp: 732110

Ion Ratio Lower Upper

43 100

86 12.5 9.9 14.9



#24

1,1-Dichloroethane

Concen: 19.163 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX019813.D

Acq: 10 Dec 2020 10:28

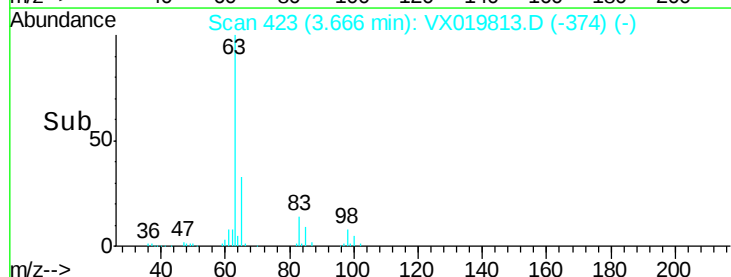
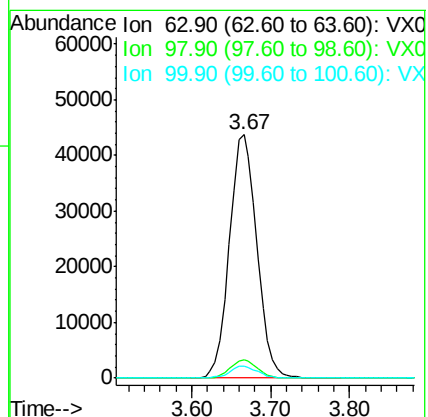
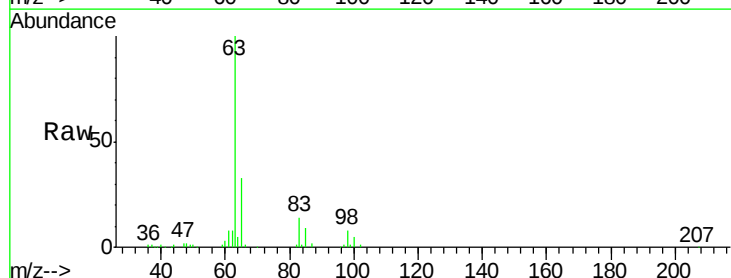
Tgt Ion: 63 Resp: 105639

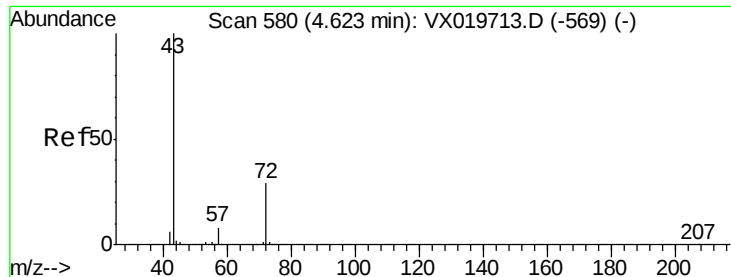
Ion Ratio Lower Upper

63 100

98 7.6 3.8 11.2

100 4.7 2.5 7.5





#25

2-Butanone

Concen: 92.436 ug/l

RT: 4.62 min Scan# 580

Delta R.T. -0.00 min

Lab File: VX019813.D

Acq: 10 Dec 2020 10:28

Instrument :

MSVOA_X

ClientSampleId :

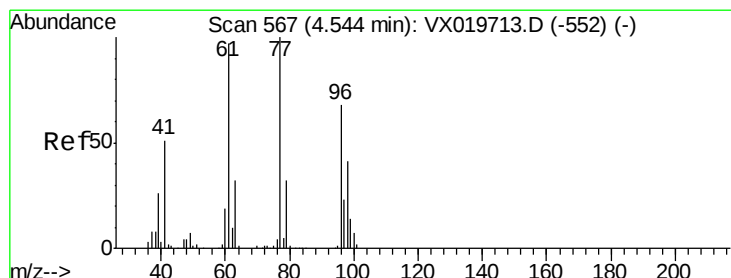
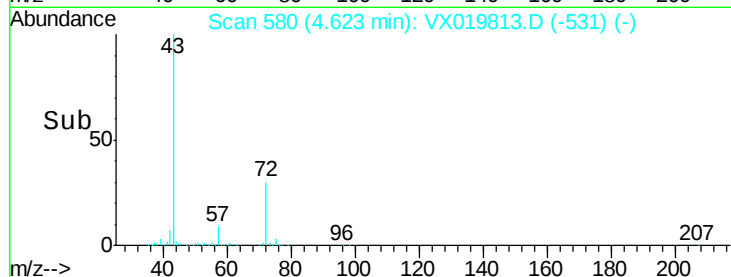
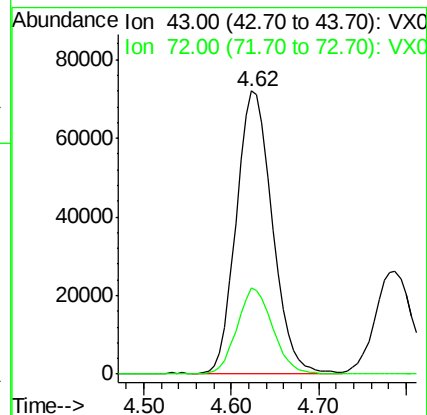
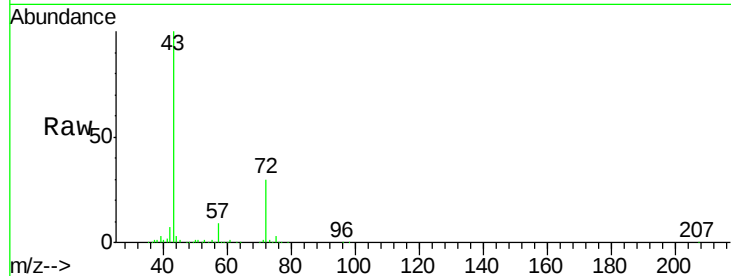
VX1210WBS01

Tgt Ion: 43 Resp: 205019

Ion Ratio Lower Upper

43 100

72 30.3 23.7 35.5



#26

2,2-Dichloropropane

Concen: 18.657 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.01 min

Lab File: VX019813.D

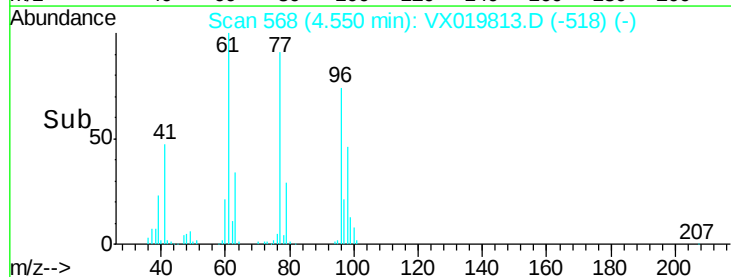
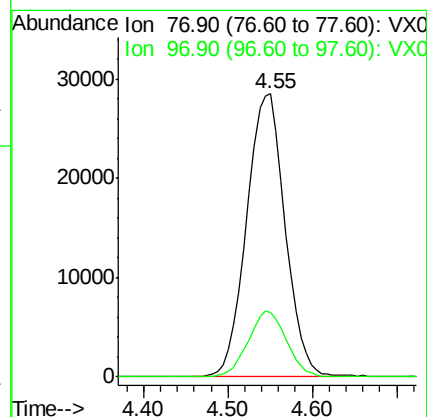
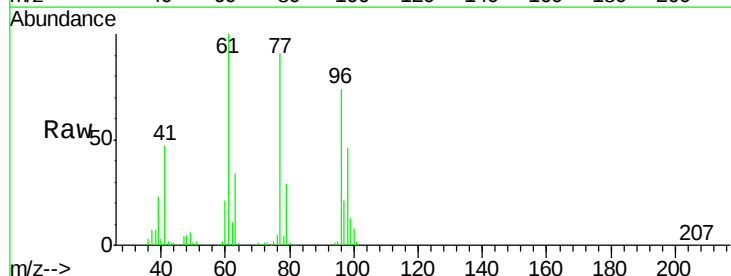
Acq: 10 Dec 2020 10:28

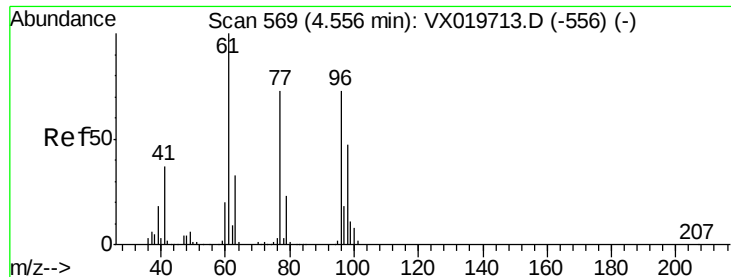
Tgt Ion: 77 Resp: 88569

Ion Ratio Lower Upper

77 100

97 23.1 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 18.639 ug/l

RT: 4.56 min Scan# 569

Delta R.T. -0.00 min

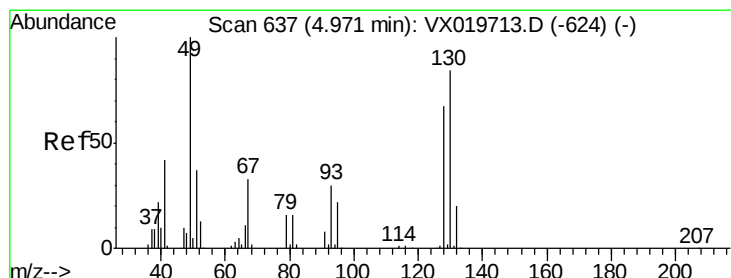
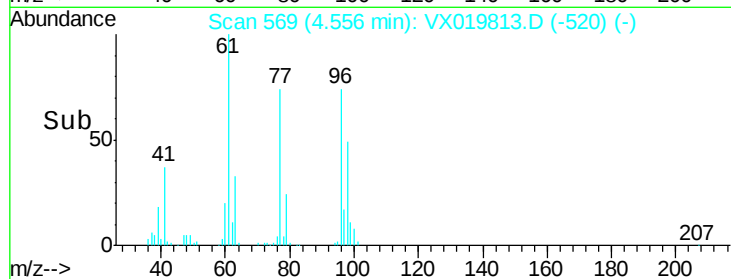
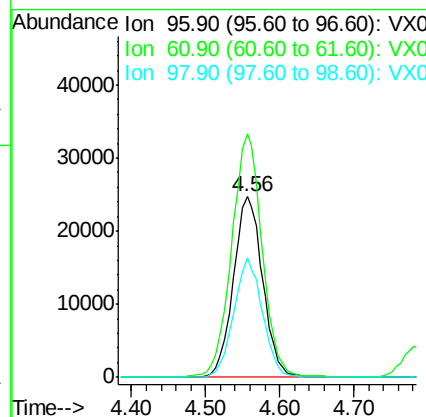
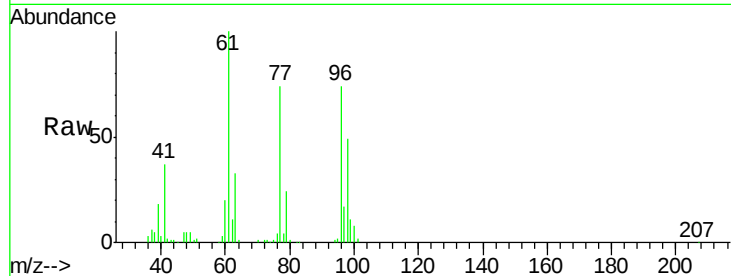
Lab File: VX019813.D

Acq: 10 Dec 2020 10:28

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

Tgt Ion: 96 Resp: 68079

Ion	Ratio	Lower	Upper
96	100		
61	140.9	0.0	285.6
98	64.7	0.0	129.6



#28

Bromochloromethane

Concen: 17.733 ug/l

RT: 4.98 min Scan# 638

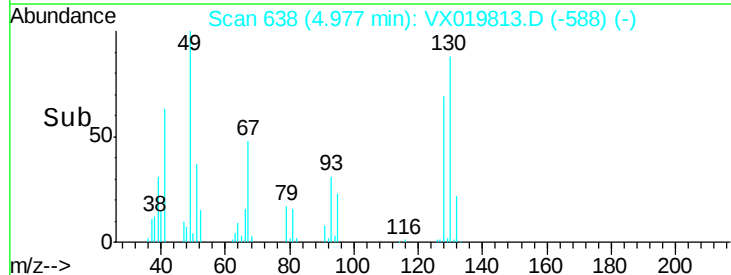
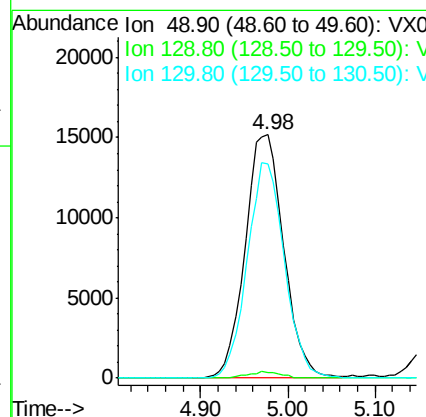
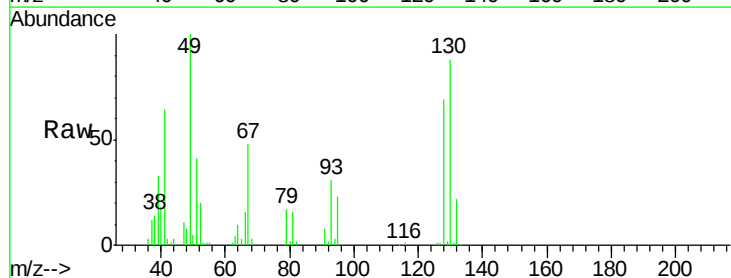
Delta R.T. 0.01 min

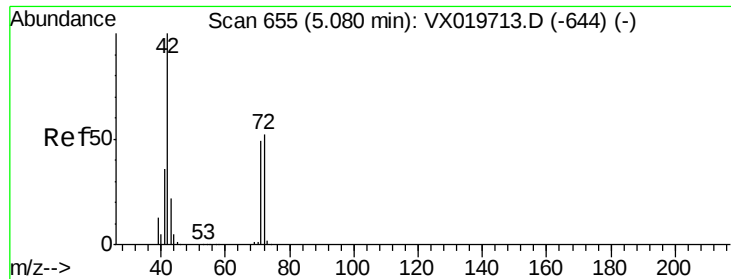
Lab File: VX019813.D

Acq: 10 Dec 2020 10:28

Tgt Ion: 49 Resp: 46599

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.0
130	85.2	68.2	102.2

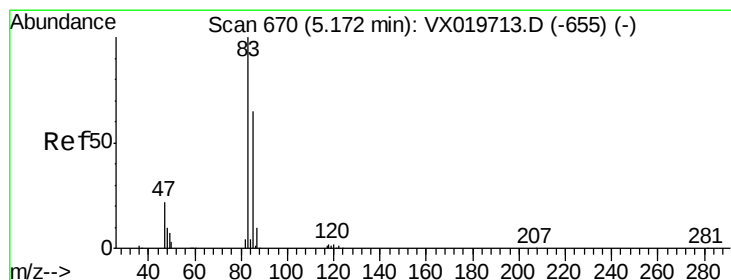
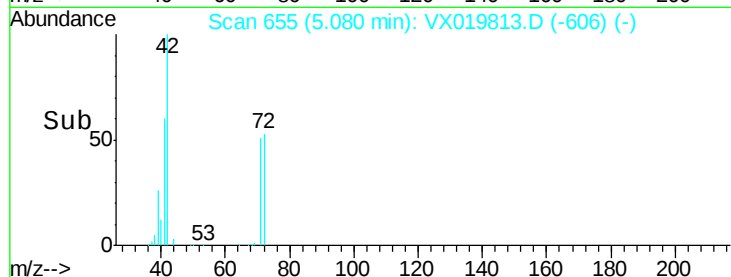
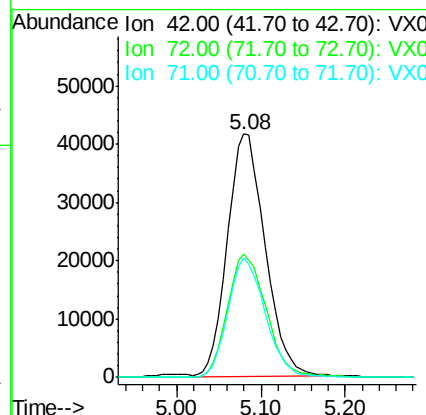
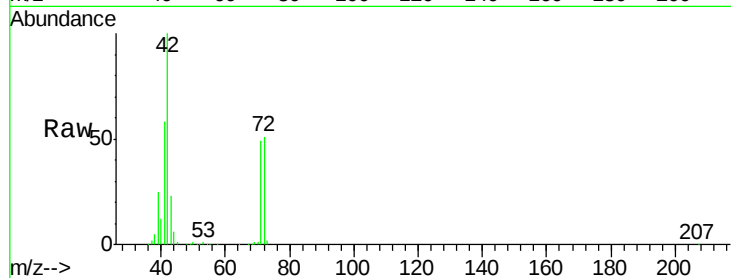




#29
Tetrahydrofuran
Concen: 89.384 ug/l
RT: 5.08 min Scan# 655
Delta R.T. -0.00 min
Lab File: VX019813.D
Acq: 10 Dec 2020 10:28

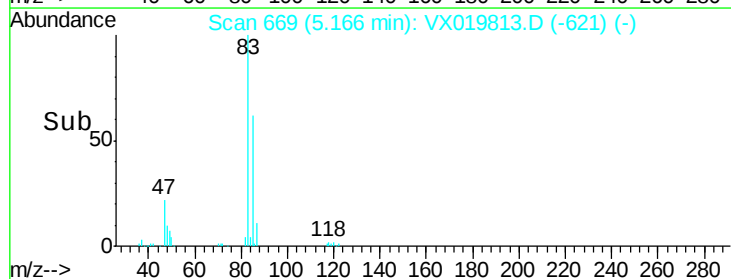
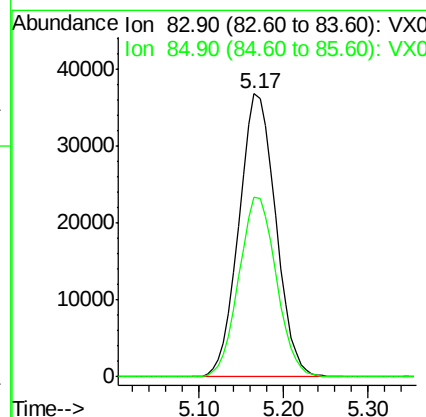
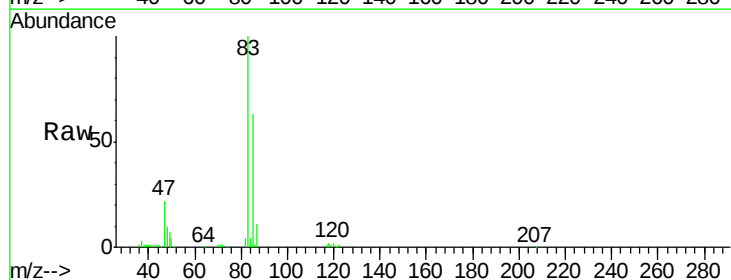
Instrument :
MSVOA_X
ClientSampled :
VX1210WBS01

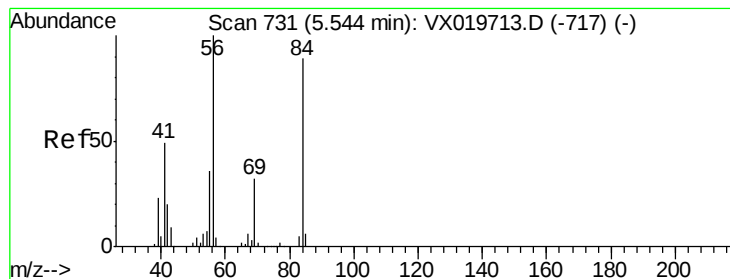
Tgt Ion: 42 Resp: 127731
Ion Ratio Lower Upper
42 100
72 52.3 41.7 62.5
71 48.5 38.4 57.6



#30
Chloroform
Concen: 19.247 ug/l
RT: 5.17 min Scan# 669
Delta R.T. -0.01 min
Lab File: VX019813.D
Acq: 10 Dec 2020 10:28

Tgt Ion: 83 Resp: 109097
Ion Ratio Lower Upper
83 100
85 63.5 52.0 78.0





#31

Cyclohexane

Concen: 18.755 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.00 min

Lab File: VX019813.D

Acq: 10 Dec 2020 10:28

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS01

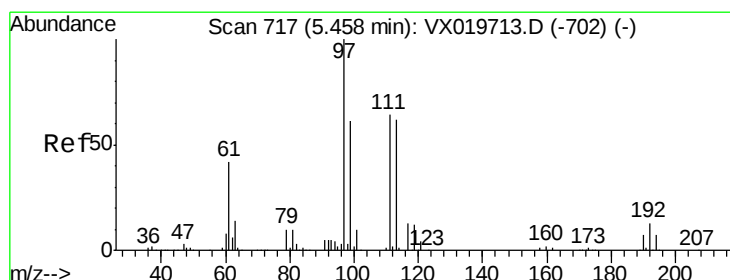
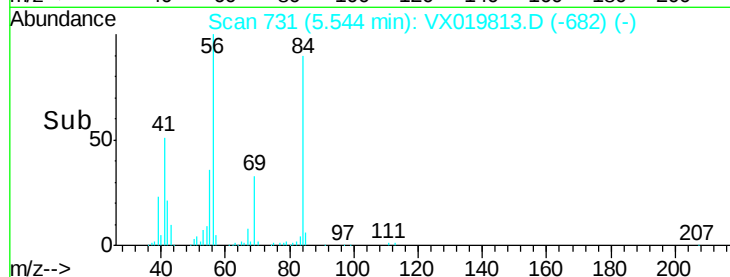
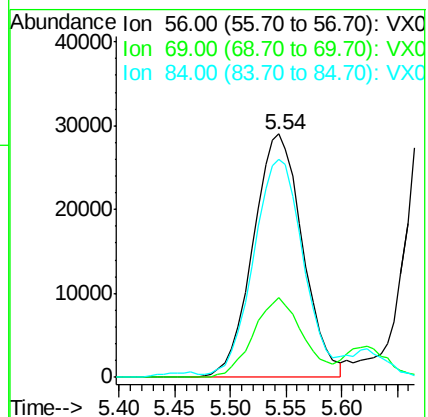
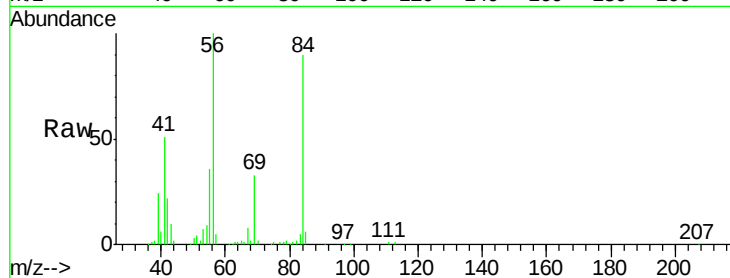
Tgt Ion: 56 Resp: 89588

Ion Ratio Lower Upper

56 100

69 32.8 25.3 37.9

84 87.4 71.4 107.0



#32

1,1,1-Trichloroethane

Concen: 19.091 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.00 min

Lab File: VX019813.D

Acq: 10 Dec 2020 10:28

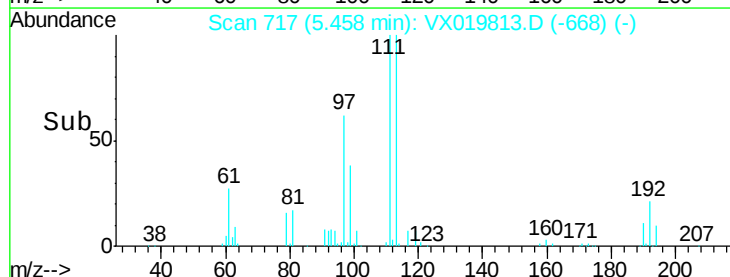
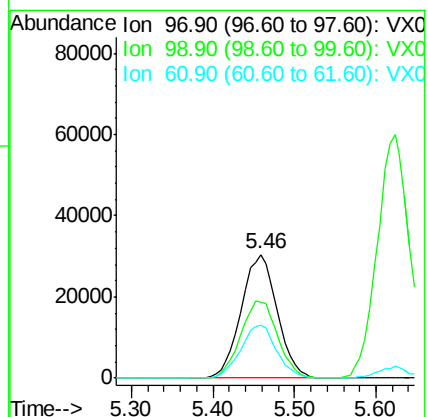
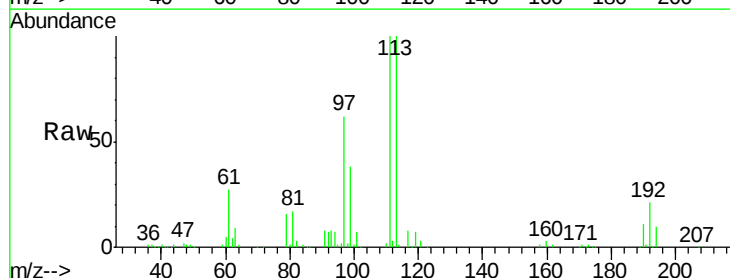
Tgt Ion: 97 Resp: 93189

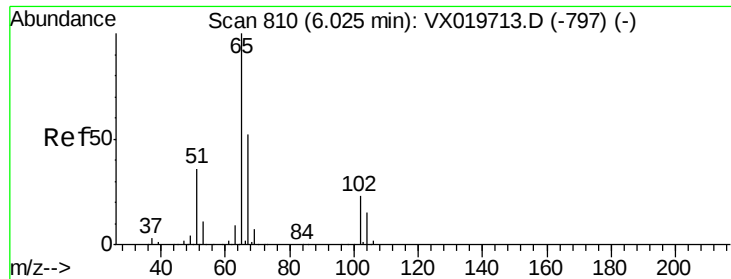
Ion Ratio Lower Upper

97 100

99 64.0 51.5 77.3

61 42.9 34.2 51.4

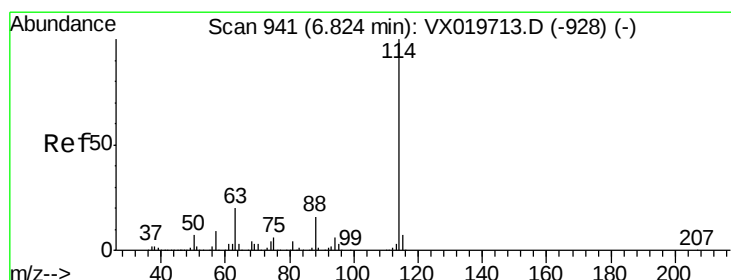
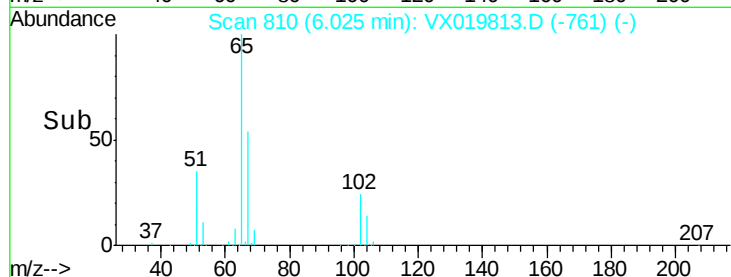
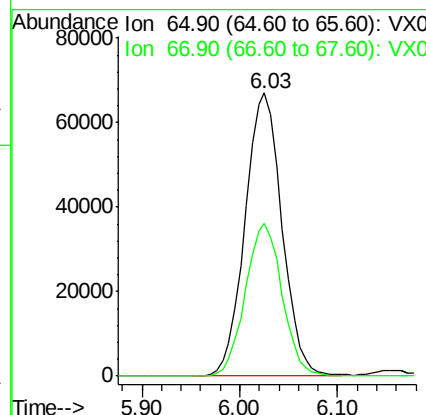
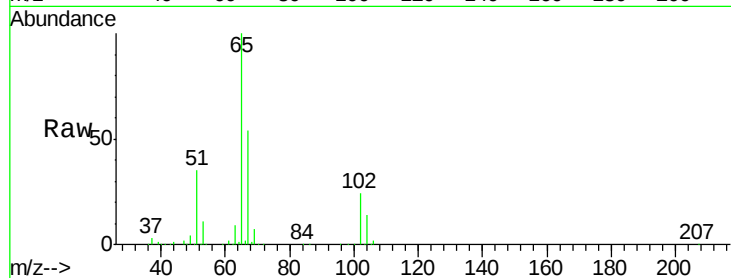




#33
 1,2-Dichloroethane-d4
 Concen: 45.707 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: VX019813.D
 Acq: 10 Dec 2020 10:28

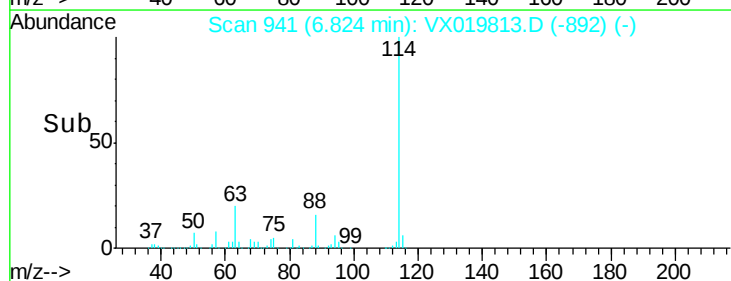
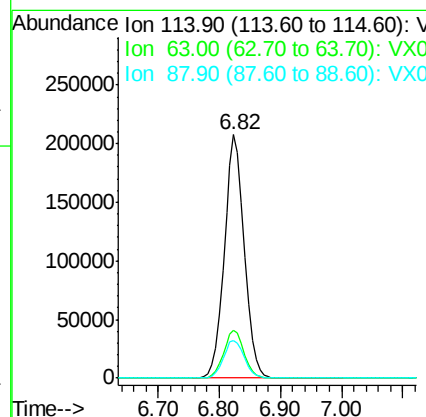
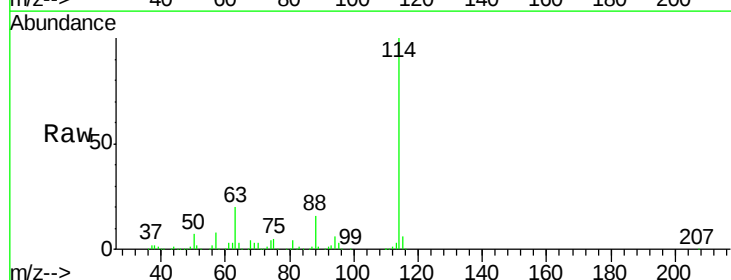
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBS01

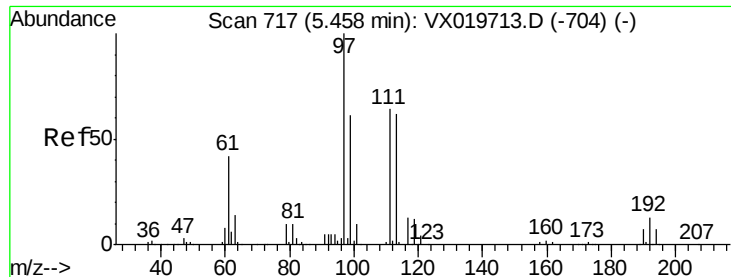
Tgt Ion: 65 Resp: 175522
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.82 min Scan# 941
 Delta R.T. -0.00 min
 Lab File: VX019813.D
 Acq: 10 Dec 2020 10:28

Tgt Ion: 114 Resp: 472364
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 40.8
 88 15.7 0.0 32.8

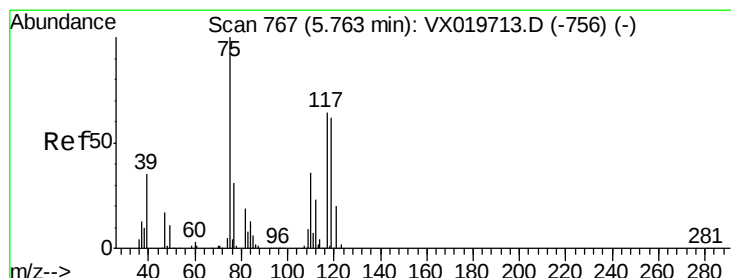
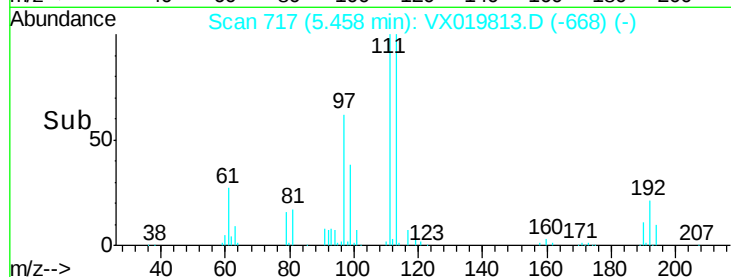
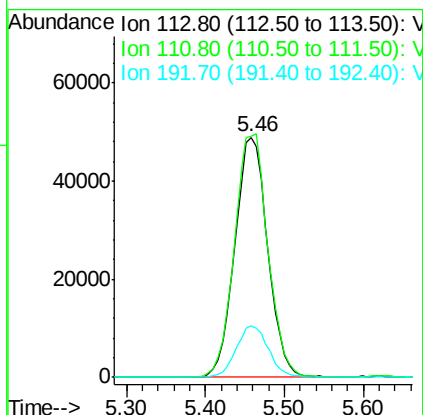
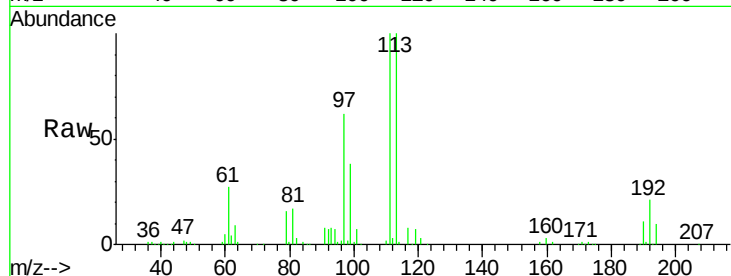




#35
Dibromofluoromethane
Concen: 46.456 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.00 min
Lab File: VX019813.D
Acq: 10 Dec 2020 10:28

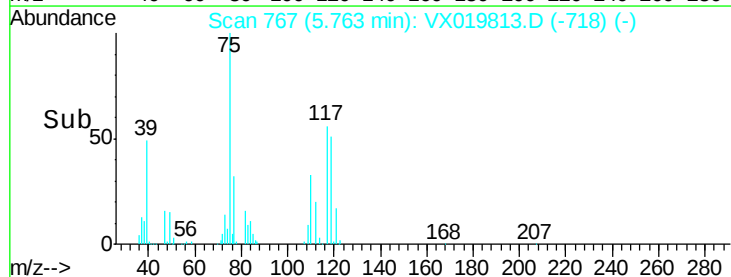
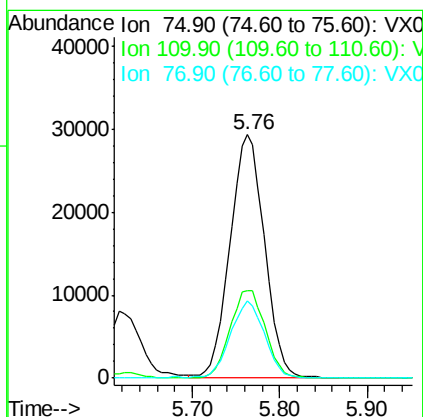
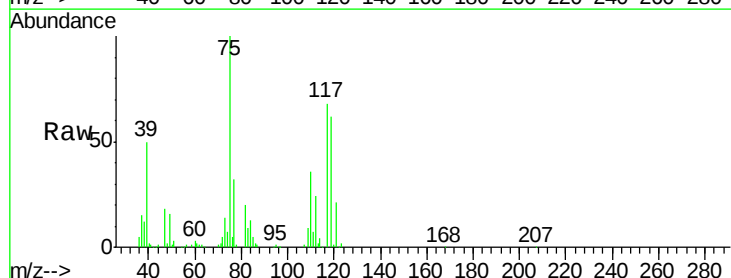
Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

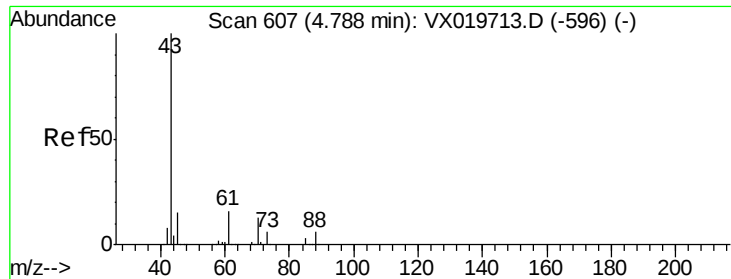
Tgt Ion:113 Resp: 141823
Ion Ratio Lower Upper
113 100
111 103.3 81.9 122.9
192 21.1 16.7 25.1



#36
1,1-Dichloropropene
Concen: 18.862 ug/l
RT: 5.76 min Scan# 767
Delta R.T. -0.00 min
Lab File: VX019813.D
Acq: 10 Dec 2020 10:28

Tgt Ion: 75 Resp: 80510
Ion Ratio Lower Upper
75 100
110 36.6 18.1 54.4
77 31.2 25.3 37.9

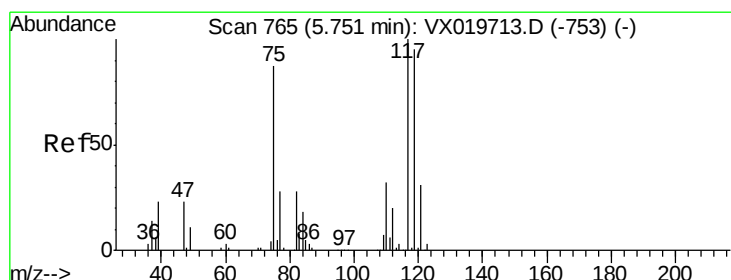
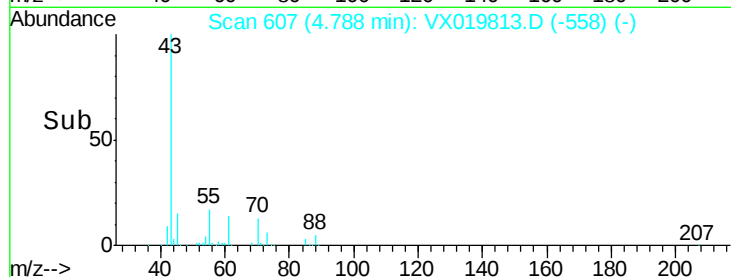
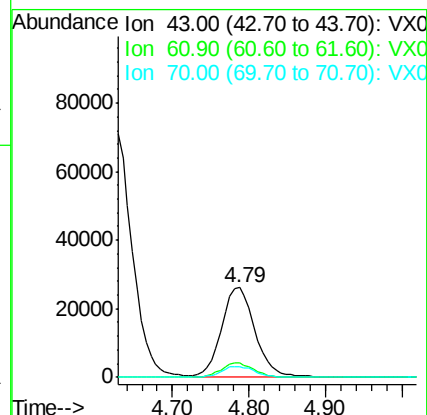
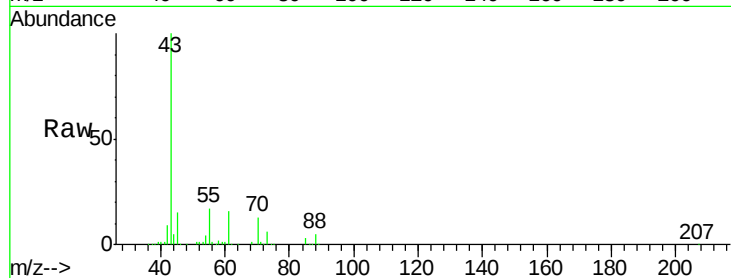




#37
Ethyl Acetate
Concen: 18.175 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX019813.D
Acq: 10 Dec 2020 10:28

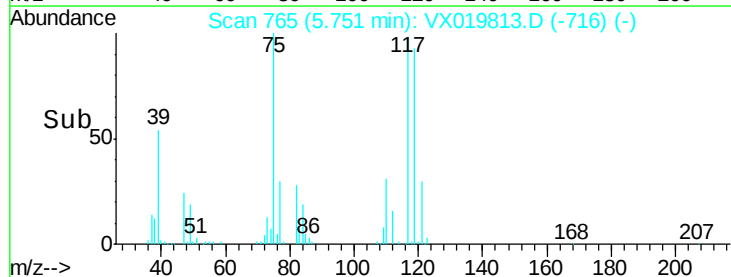
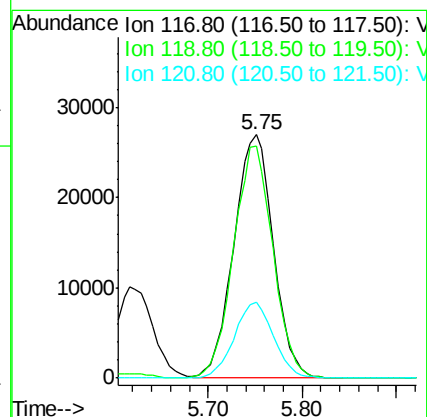
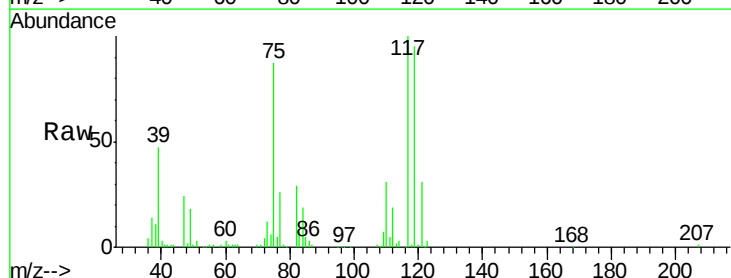
Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

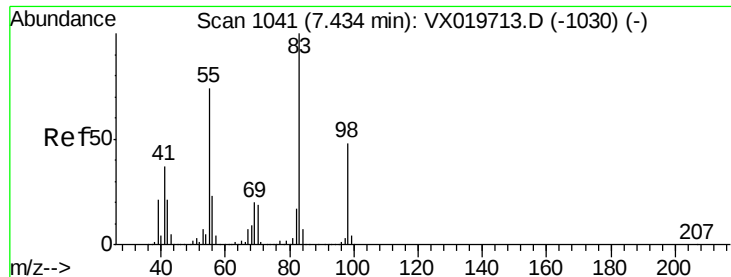
Tgt Ion: 43 Resp: 78328
Ion Ratio Lower Upper
43 100
61 15.7 12.8 19.2
70 12.9 10.5 15.7



#38
Carbon Tetrachloride
Concen: 18.893 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX019813.D
Acq: 10 Dec 2020 10:28

Tgt Ion: 117 Resp: 78970
Ion Ratio Lower Upper
117 100
119 95.0 76.2 114.2
121 31.1 24.8 37.2

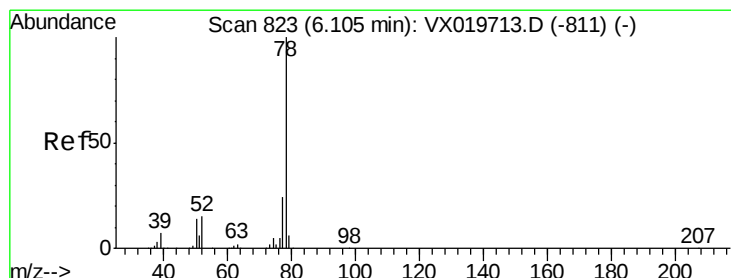
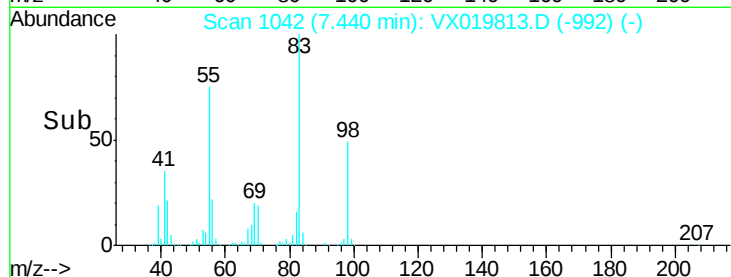
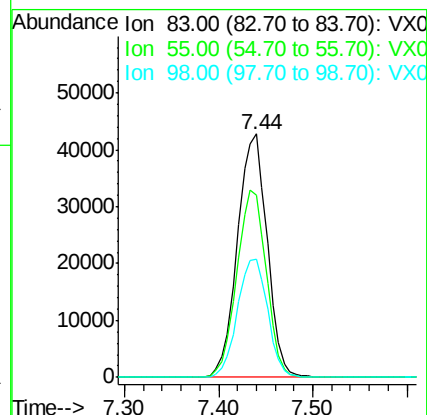
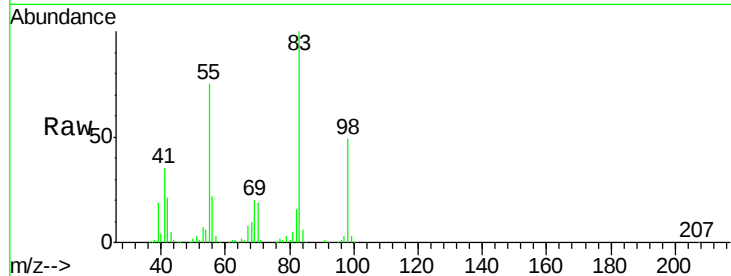




#39
Methylcyclohexane
Concen: 18.747 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.01 min
Lab File: VX019813.D
Acq: 10 Dec 2020 10:28

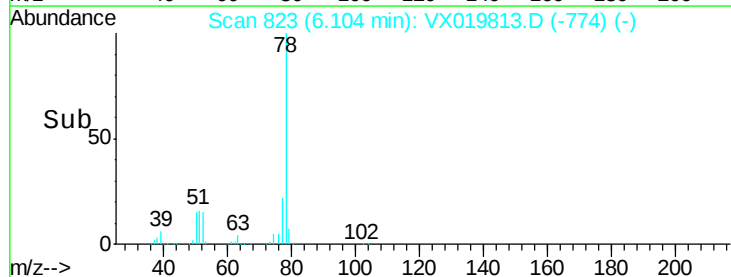
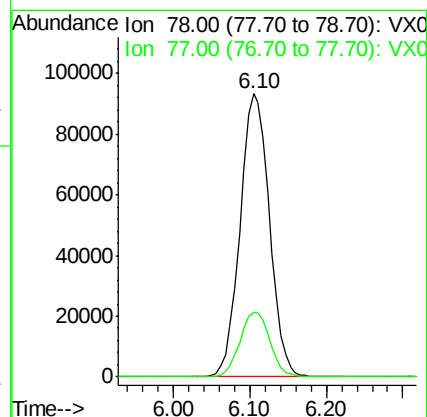
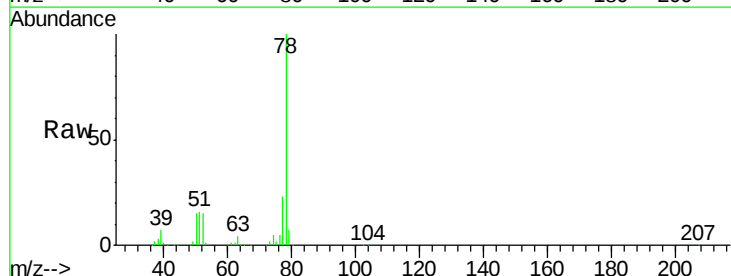
Instrument :
MSVOA_X
ClientSampled :
VX1210WBS01

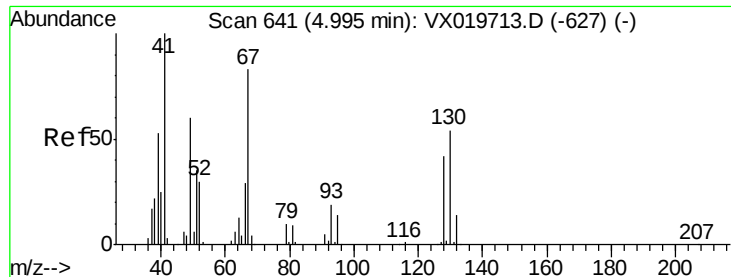
Tgt Ion: 83 Resp: 94015
Ion Ratio Lower Upper
83 100
55 74.6 58.9 88.3
98 48.5 38.1 57.1



#40
Benzene
Concen: 18.989 ug/l
RT: 6.10 min Scan# 823
Delta R.T. -0.00 min
Lab File: VX019813.D
Acq: 10 Dec 2020 10:28

Tgt Ion: 78 Resp: 247589
Ion Ratio Lower Upper
78 100
77 22.9 18.9 28.3





#41

Methacrylonitrile

Concen: 18.537 ug/l

RT: 4.99 min Scan# 641

Delta R.T. -0.00 min

Lab File: VX019813.D

Acq: 10 Dec 2020 10:28

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS01

Tgt Ion: 41 Resp: 43863

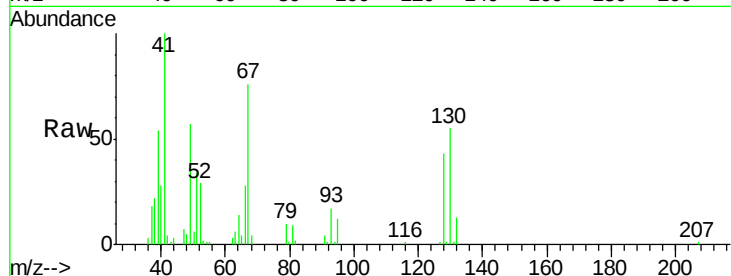
Ion Ratio Lower Upper

41 100

39 53.3 42.5 63.7

67 80.2 65.0 97.6

52 31.5 25.3 37.9

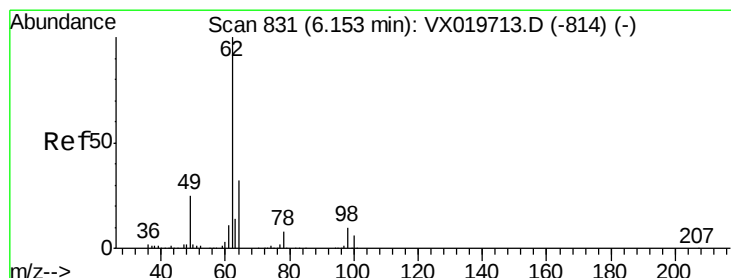
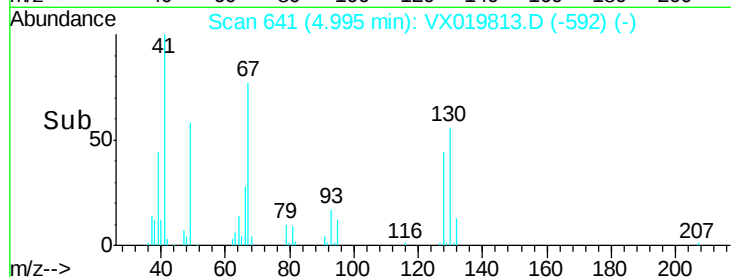
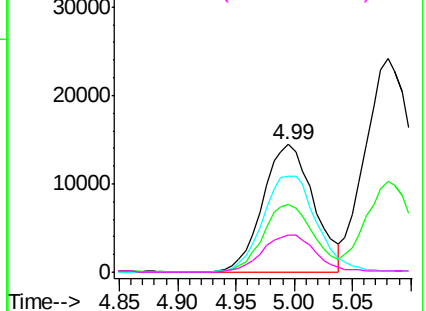


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 19.169 ug/l

RT: 6.15 min Scan# 831

Delta R.T. -0.00 min

Lab File: VX019813.D

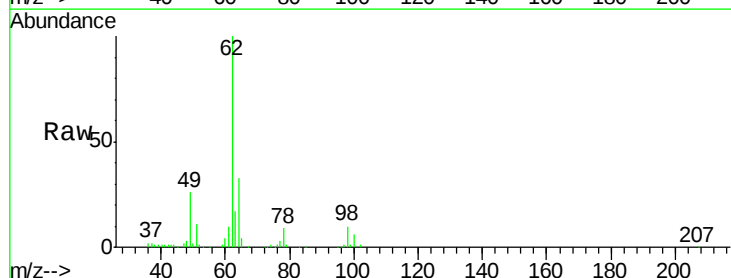
Acq: 10 Dec 2020 10:28

Tgt Ion: 62 Resp: 85395

Ion Ratio Lower Upper

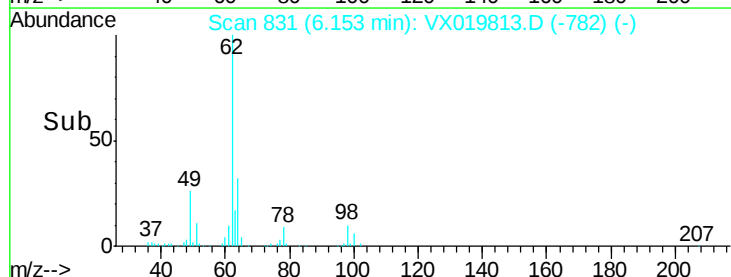
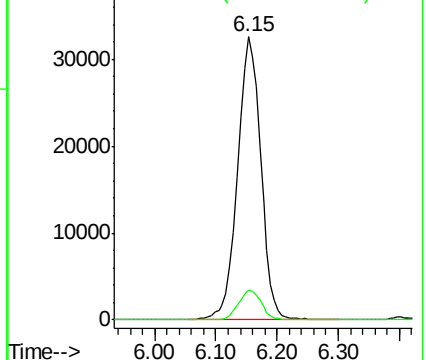
62 100

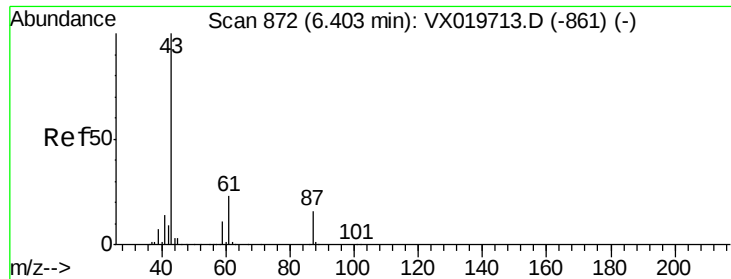
98 10.3 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 18.000 ug/l

RT: 6.40 min Scan# 872

Delta R.T. -0.00 min

Lab File: VX019813.D

Acq: 10 Dec 2020 10:28

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS01

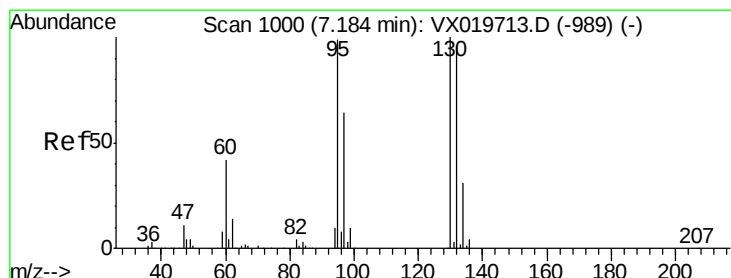
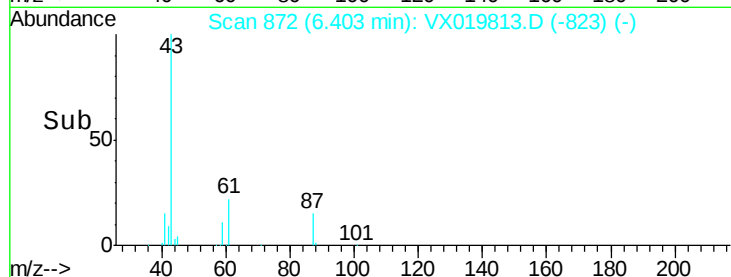
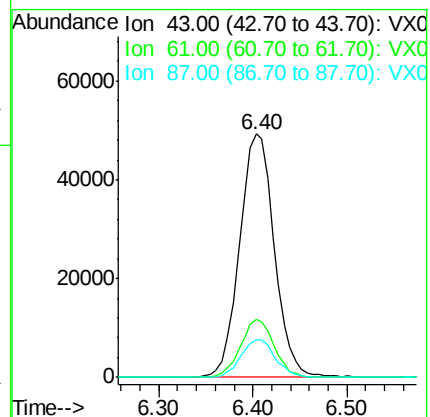
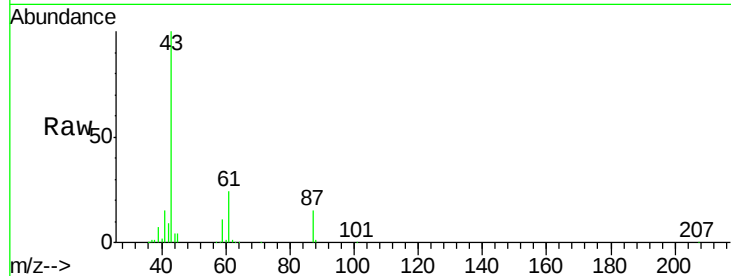
Tgt Ion: 43 Resp: 126122

Ion Ratio Lower Upper

43 100

61 23.1 18.2 27.4

87 15.6 12.5 18.7



#44

Trichloroethene

Concen: 18.707 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VX019813.D

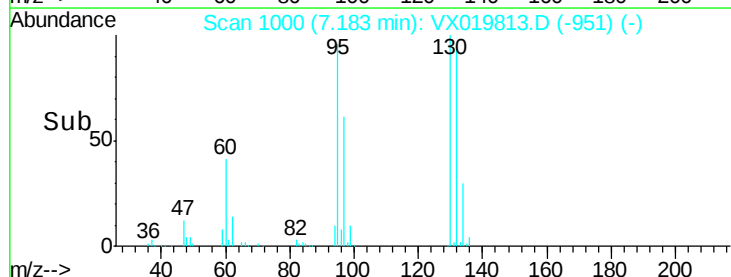
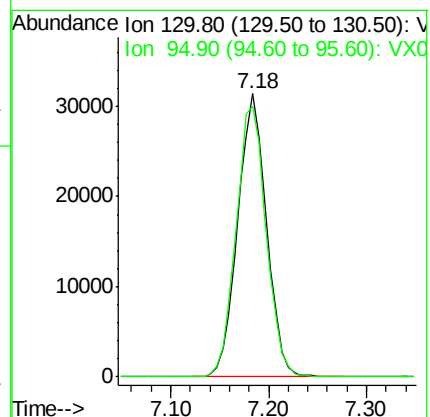
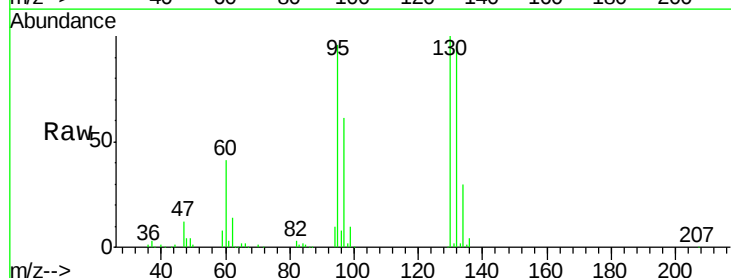
Acq: 10 Dec 2020 10:28

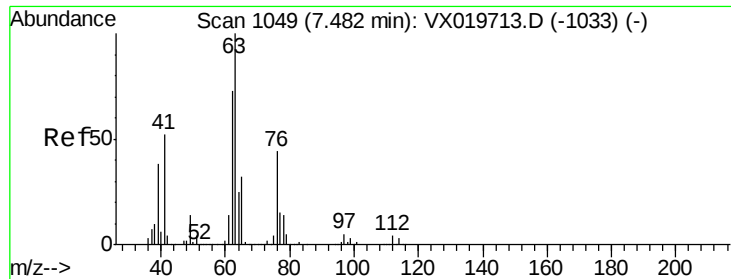
Tgt Ion: 130 Resp: 63997

Ion Ratio Lower Upper

130 100

95 95.6 0.0 198.0





#45

1,2-Dichloropropane

Concen: 18.995 ug/l

RT: 7.48 min Scan# 1049

Delta R.T. -0.00 min

Lab File: VX019813.D

Acq: 10 Dec 2020 10:28

Instrument :

MSVOA_X

ClientSampleId :

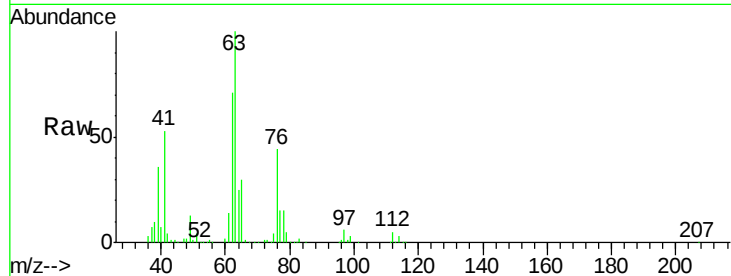
VX1210WBS01

Tgt Ion: 63 Resp: 61900

Ion Ratio Lower Upper

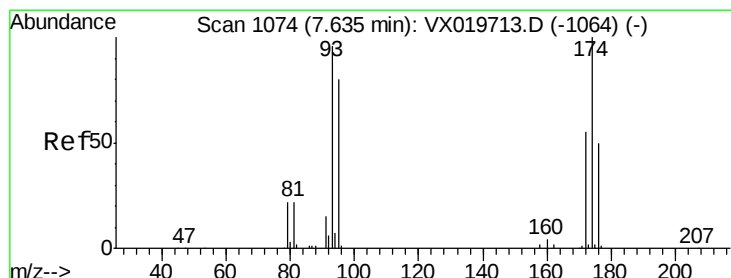
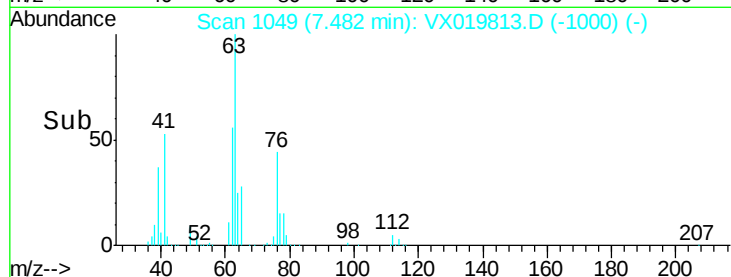
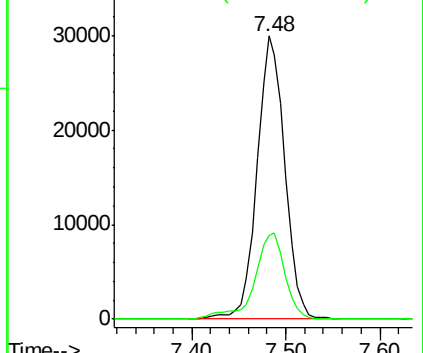
63 100

65 29.6 25.7 38.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 18.946 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VX019813.D

Acq: 10 Dec 2020 10:28

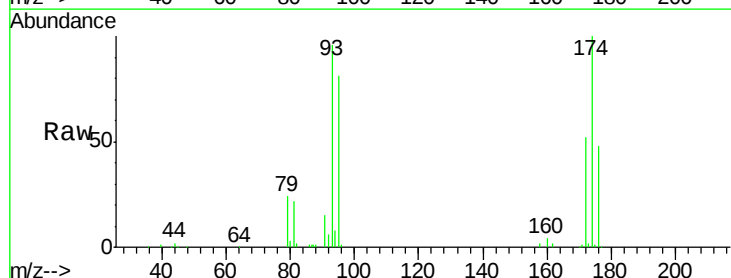
Tgt Ion: 93 Resp: 41695

Ion Ratio Lower Upper

93 100

95 83.5 66.8 100.2

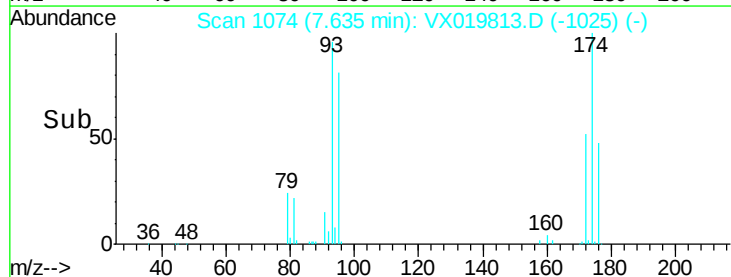
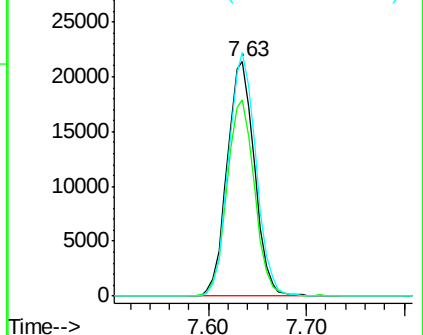
174 103.4 83.1 124.7

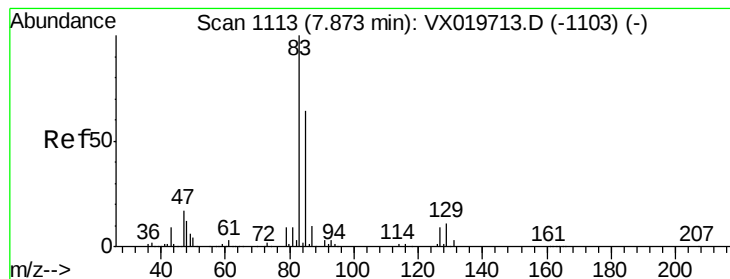


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.803 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019813.D

Acq: 10 Dec 2020 10:28

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS01

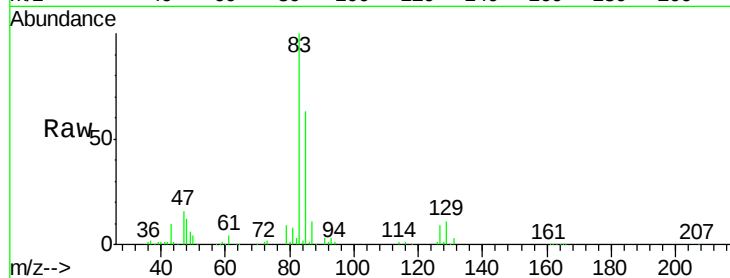
Tgt Ion: 83 Resp: 82110

Ion Ratio Lower Upper

83 100

85 63.1 51.4 77.0

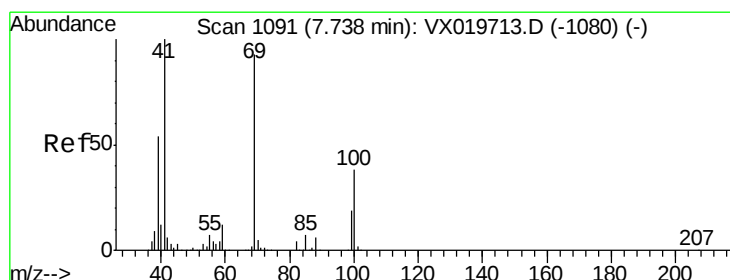
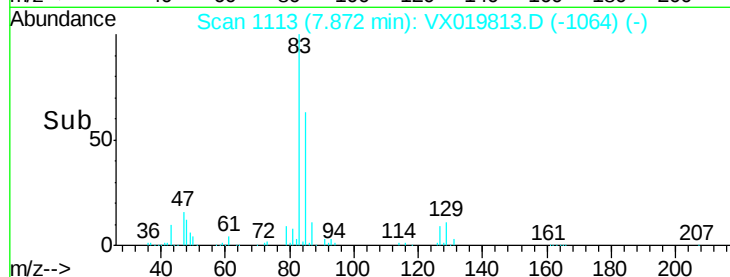
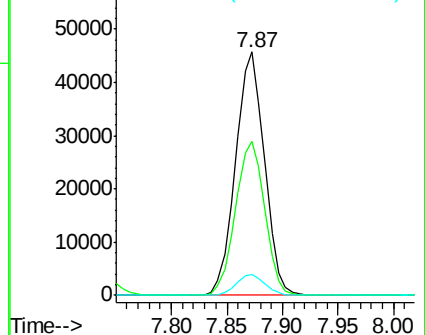
127 8.6 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 17.936 ug/l

RT: 7.74 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VX019813.D

Acq: 10 Dec 2020 10:28

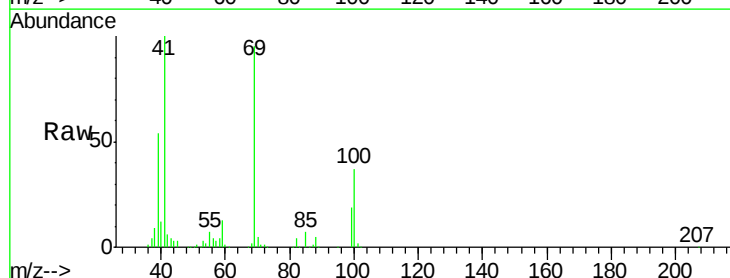
Tgt Ion: 41 Resp: 61807

Ion Ratio Lower Upper

41 100

69 94.0 76.0 114.0

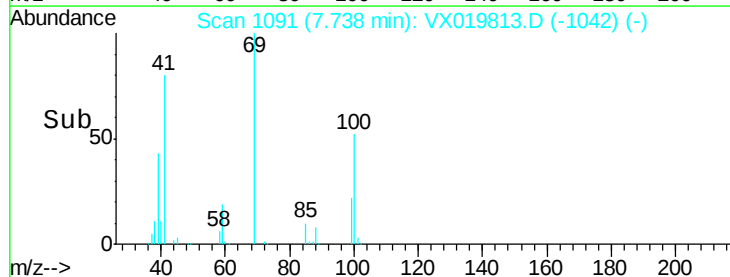
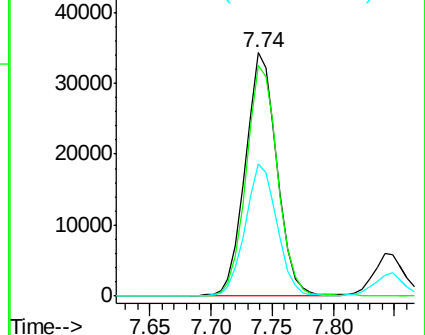
39 54.6 44.6 67.0

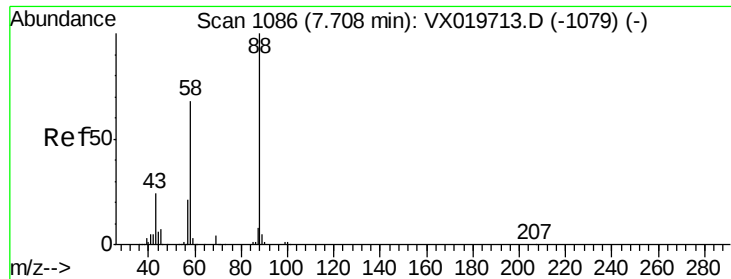


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 351.352 ug/l

RT: 7.71 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX019813.D

Acq: 10 Dec 2020 10:28

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS01

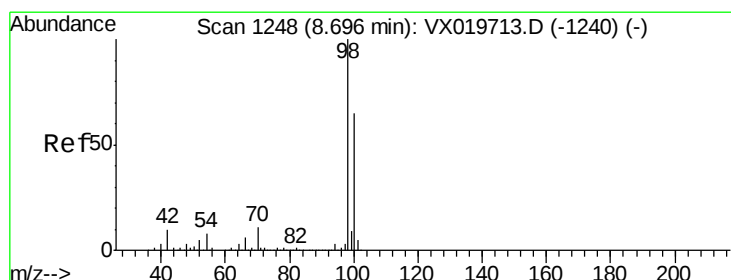
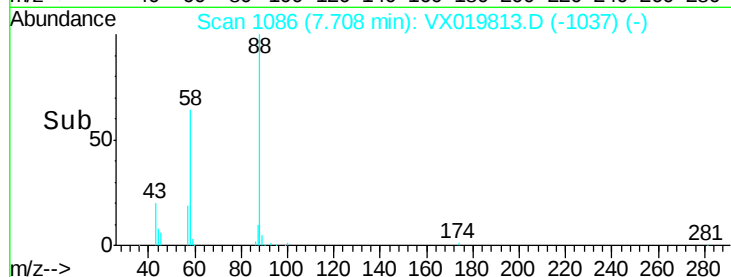
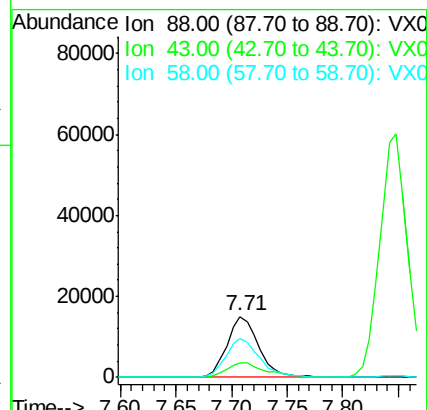
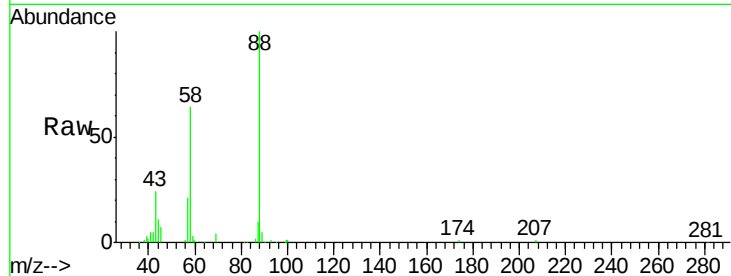
Tgt Ion: 88 Resp: 29330

Ion Ratio Lower Upper

88 100

43 29.8 23.2 34.8

58 69.1 55.0 82.4



#50

Toluene-d8

Concen: 47.419 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019813.D

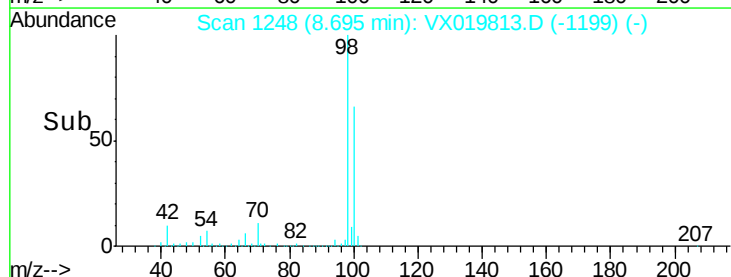
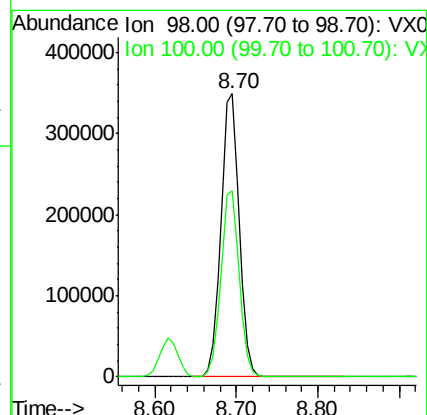
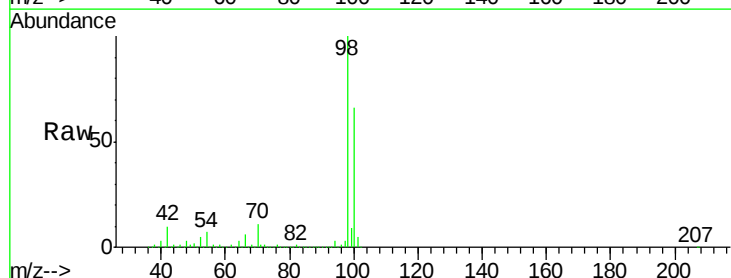
Acq: 10 Dec 2020 10:28

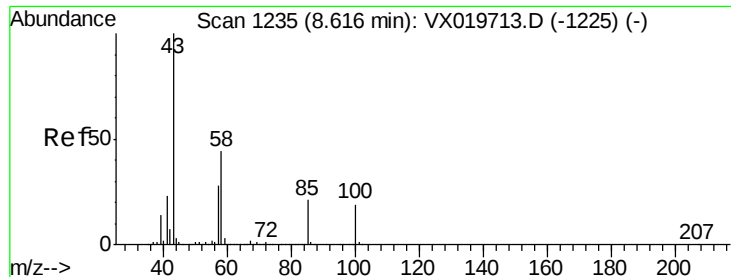
Tgt Ion: 98 Resp: 552668

Ion Ratio Lower Upper

98 100

100 66.1 51.9 77.9

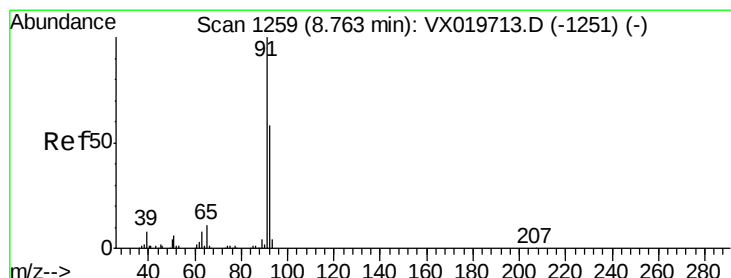
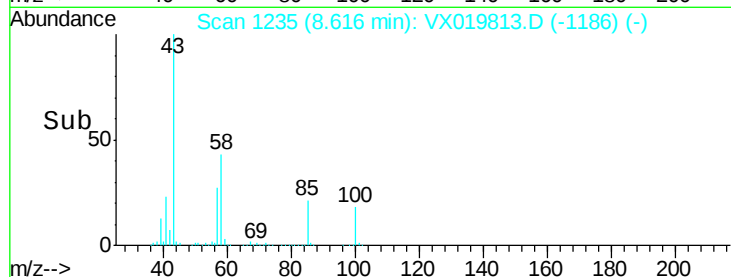
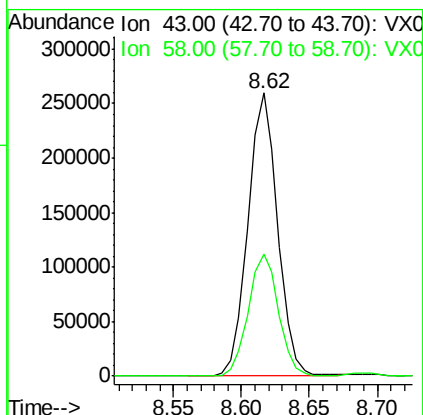
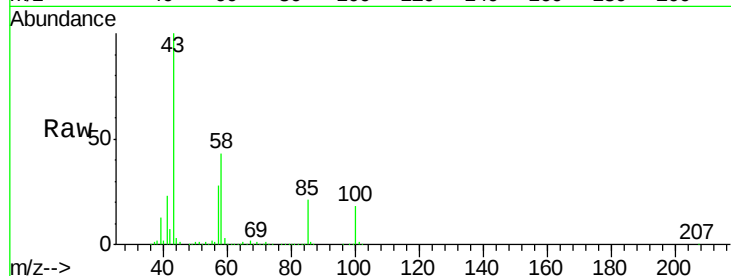




#51
4-Methyl-2-Pentanone
Concen: 92.776 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VX019813.D
Acq: 10 Dec 2020 10:28

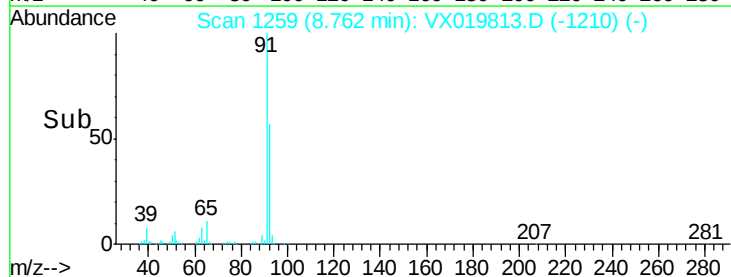
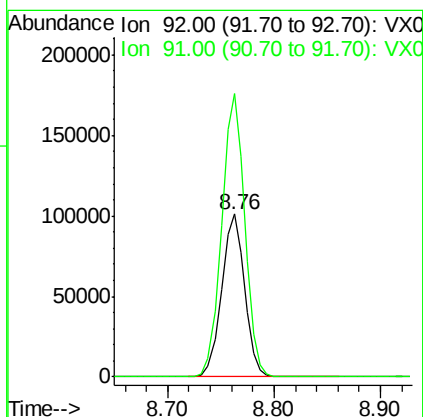
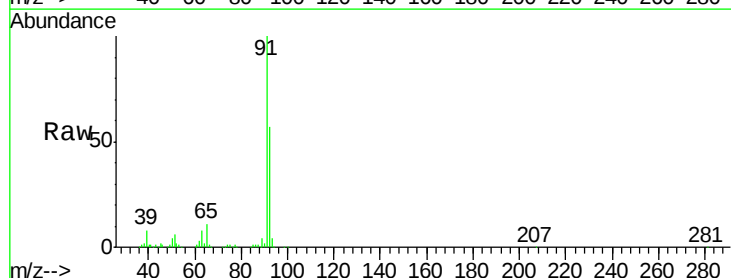
Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

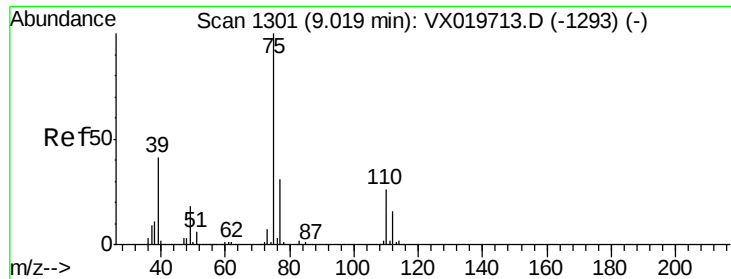
Tgt Ion: 43 Resp: 396880
Ion Ratio Lower Upper
43 100
58 43.9 35.4 53.0



#52
Toluene
Concen: 18.623 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VX019813.D
Acq: 10 Dec 2020 10:28

Tgt Ion: 92 Resp: 151869
Ion Ratio Lower Upper
92 100
91 174.9 137.1 205.7

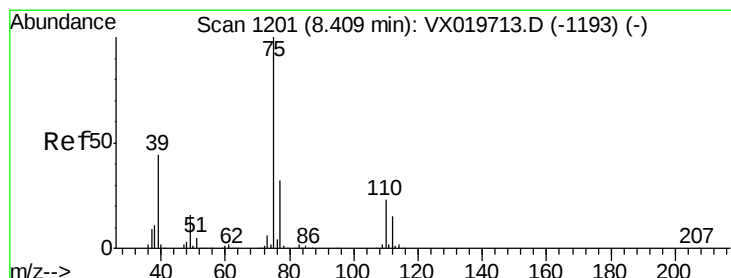
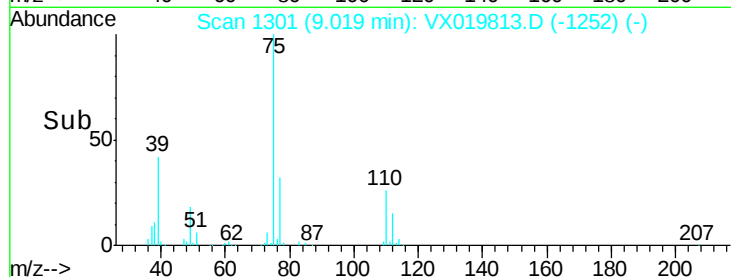
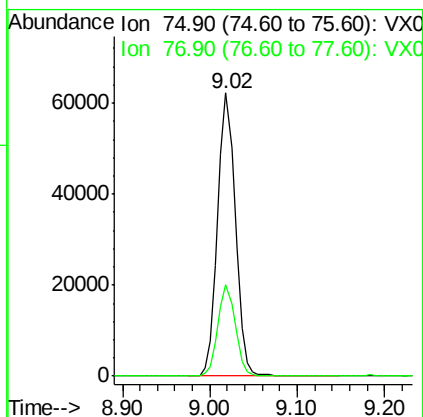
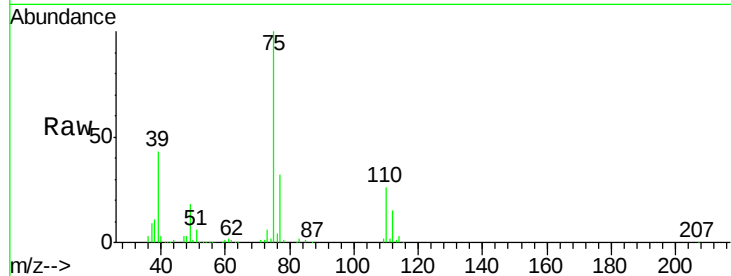




#53
t-1,3-Dichloropropene
Concen: 18.109 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.00 min
Lab File: VX019813.D
Acq: 10 Dec 2020 10:28

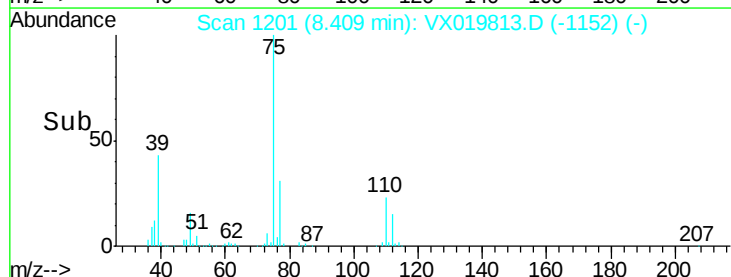
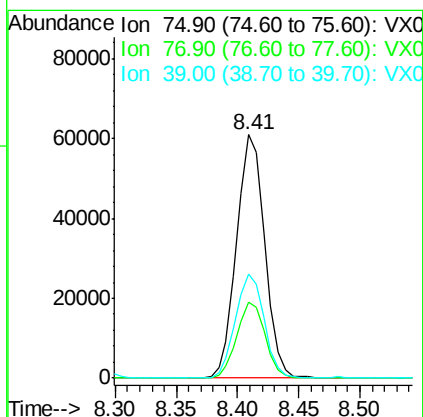
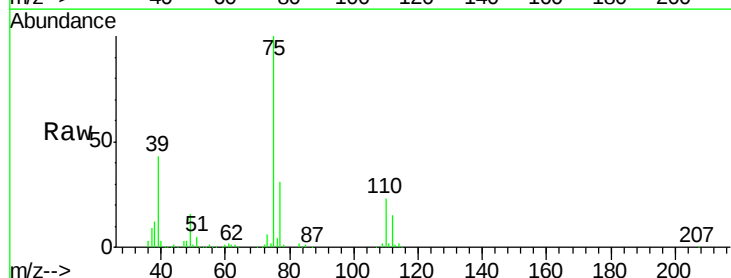
Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

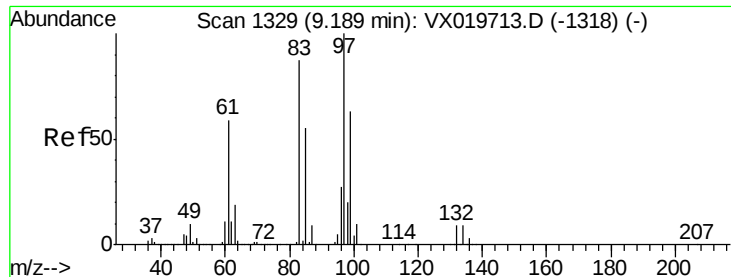
Tgt Ion: 75 Resp: 87755
Ion Ratio Lower Upper
75 100
77 32.5 24.9 37.3



#54
cis-1,3-Dichloropropene
Concen: 18.492 ug/l
RT: 8.41 min Scan# 1201
Delta R.T. -0.00 min
Lab File: VX019813.D
Acq: 10 Dec 2020 10:28

Tgt Ion: 75 Resp: 97351
Ion Ratio Lower Upper
75 100
77 31.1 25.7 38.5
39 42.8 35.1 52.7

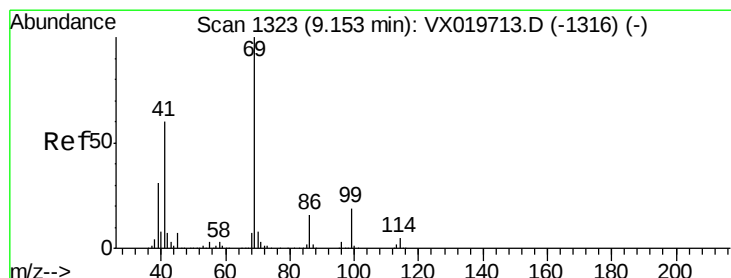
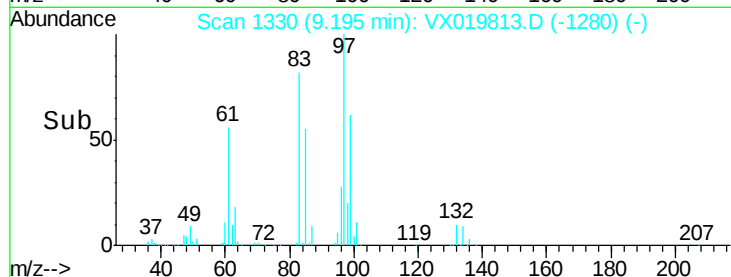
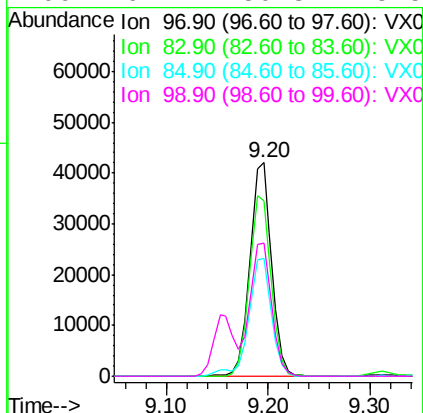
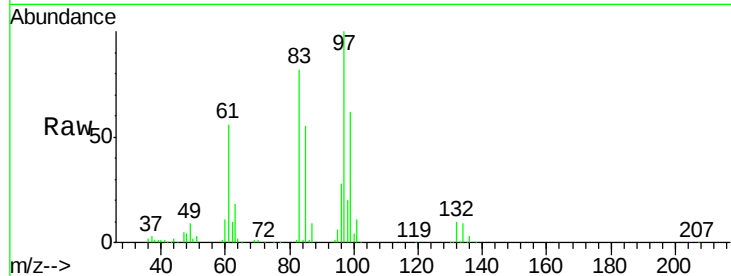




#55
 1,1,2-Trichloroethane
 Concen: 19.111 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: VX019813.D
 Acq: 10 Dec 2020 10:28

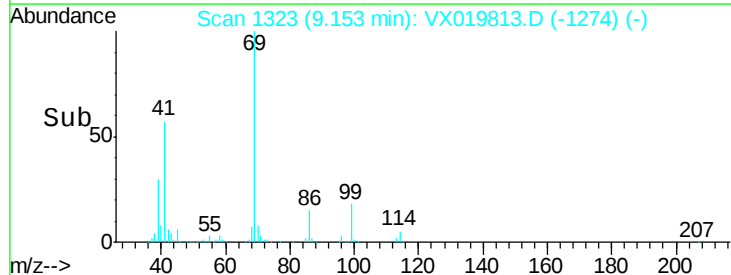
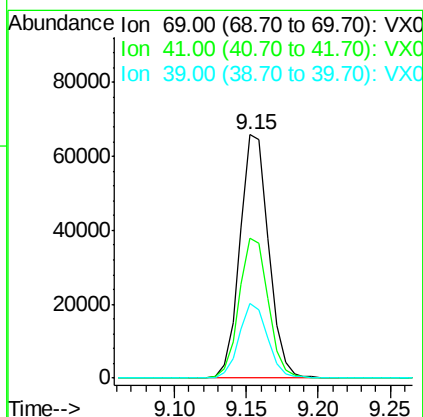
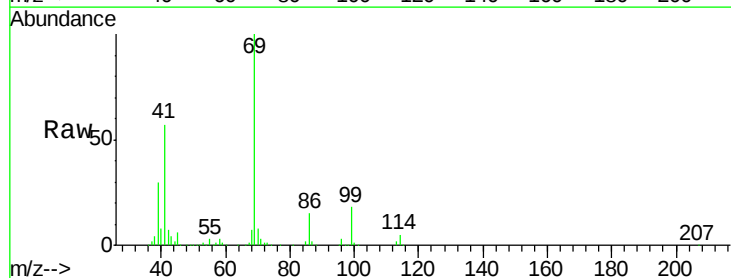
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBS01

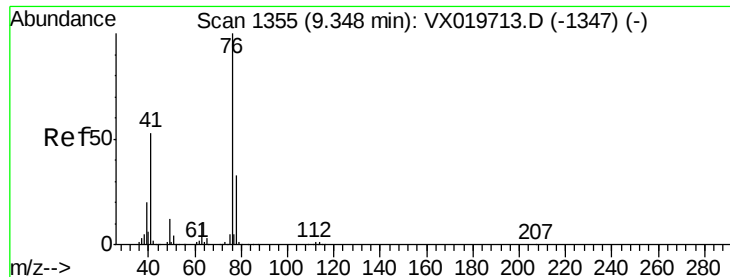
Tgt Ion:	97	Resp:	62806
Ion	Ratio	Lower	Upper
97	100		
83	82.4	69.3	103.9
85	55.1	44.3	66.5
99	62.2	50.3	75.5



#56
 Ethyl methacrylate
 Concen: 18.347 ug/l
 RT: 9.15 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX019813.D
 Acq: 10 Dec 2020 10:28

Tgt Ion:	69	Resp:	91226
Ion	Ratio	Lower	Upper
69	100		
41	58.4	46.8	70.2
39	30.5	24.7	37.1





#57

1,3-Dichloropropane

Concen: 18.822 ug/l

RT: 9.35 min Scan# 1355

Delta R.T. -0.00 min

Lab File: VX019813.D

Acq: 10 Dec 2020 10:28

Instrument :

MSVOA_X

ClientSampleId :

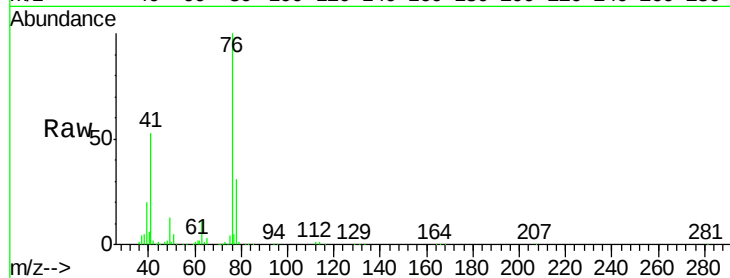
VX1210WBS01

Tgt Ion: 76 Resp: 105621

Ion Ratio Lower Upper

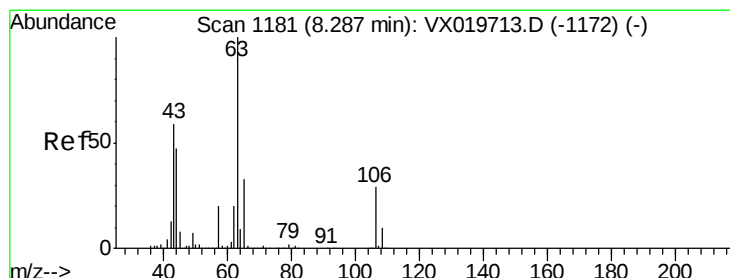
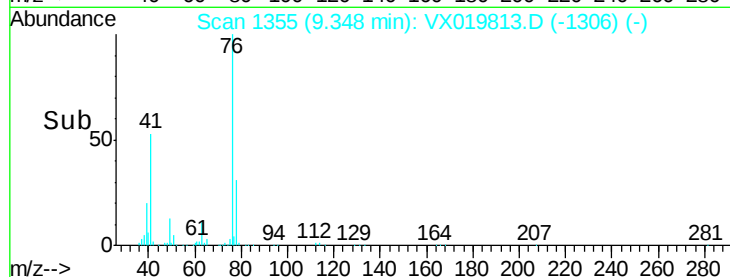
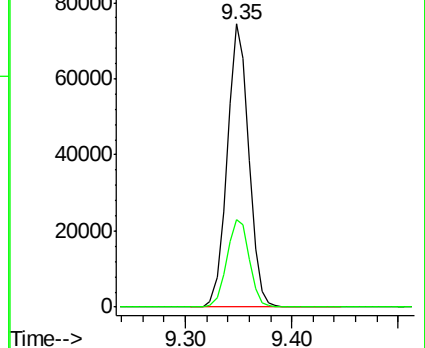
76 100

78 32.2 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 93.933 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX019813.D

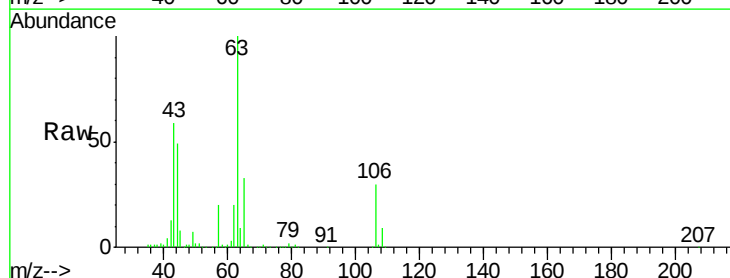
Acq: 10 Dec 2020 10:28

Tgt Ion: 63 Resp: 247424

Ion Ratio Lower Upper

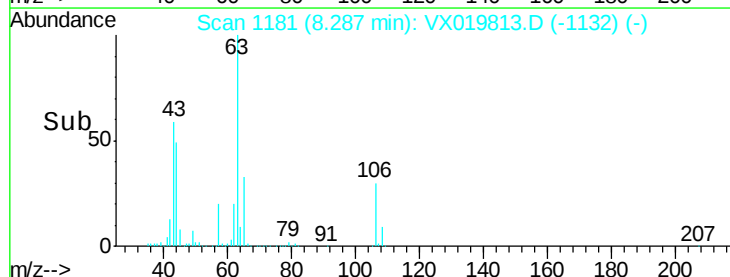
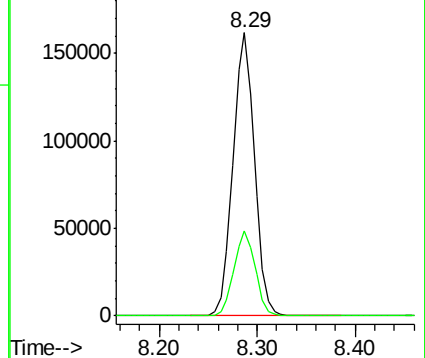
63 100

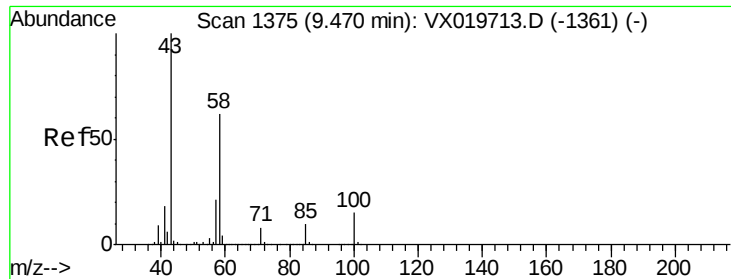
106 29.8 23.5 35.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

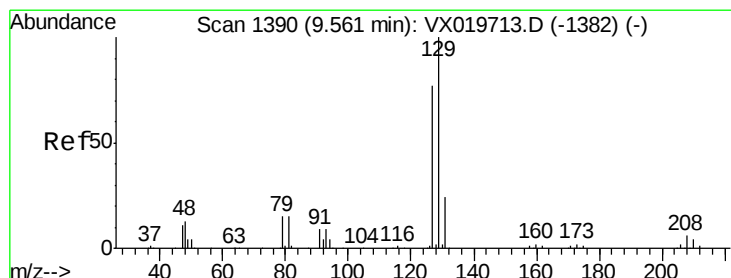
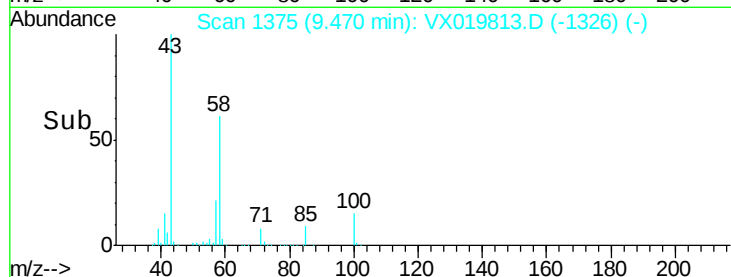
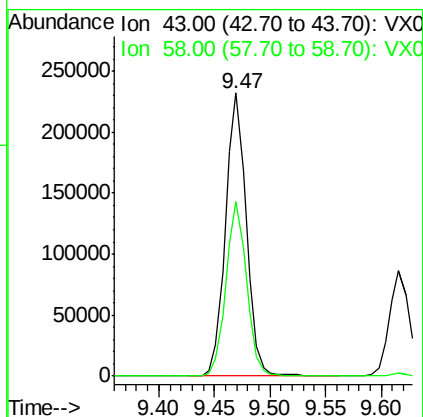
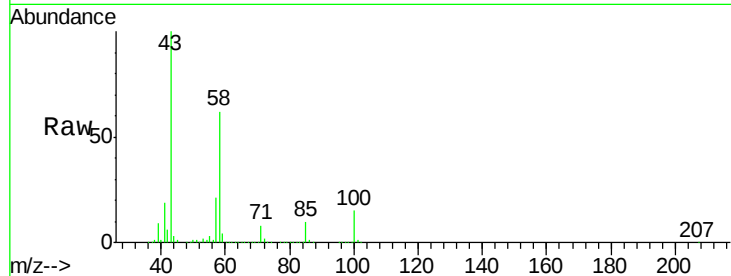




#59
2-Hexanone
Concen: 90.617 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX019813.D
Acq: 10 Dec 2020 10:28

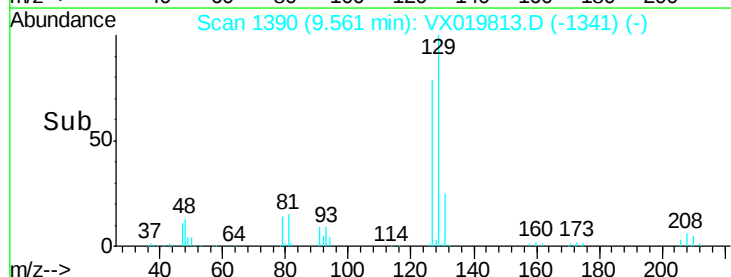
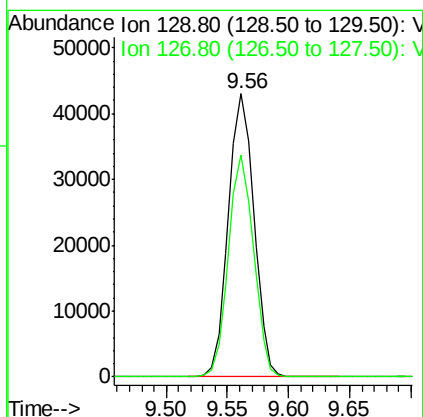
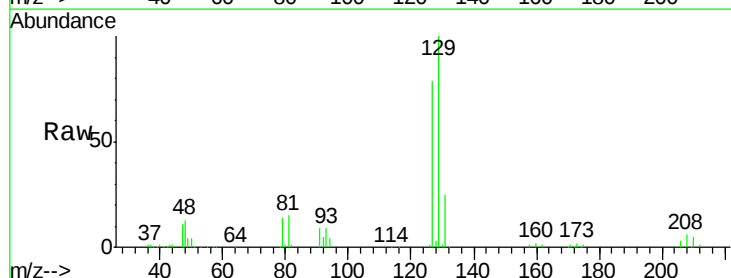
Instrument :
MSVOA_X
ClientSampled :
VX1210WBS01

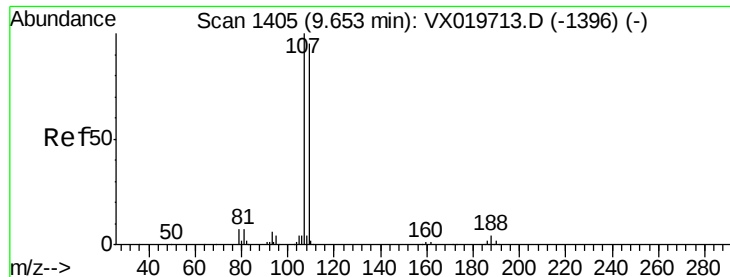
Tgt Ion: 43 Resp: 300475
Ion Ratio Lower Upper
43 100
58 61.1 30.9 92.8



#60
Dibromochloromethane
Concen: 18.765 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VX019813.D
Acq: 10 Dec 2020 10:28

Tgt Ion: 129 Resp: 62653
Ion Ratio Lower Upper
129 100
127 76.8 38.4 115.2

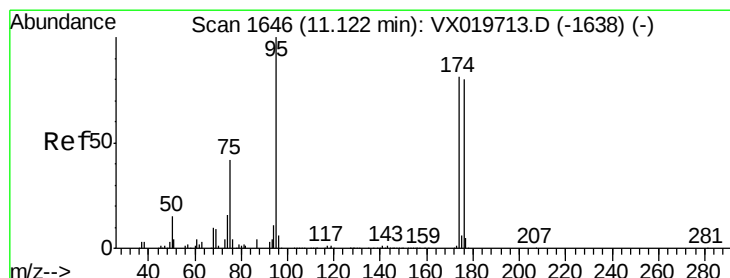
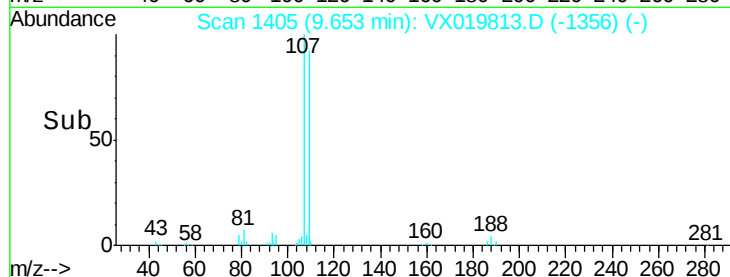
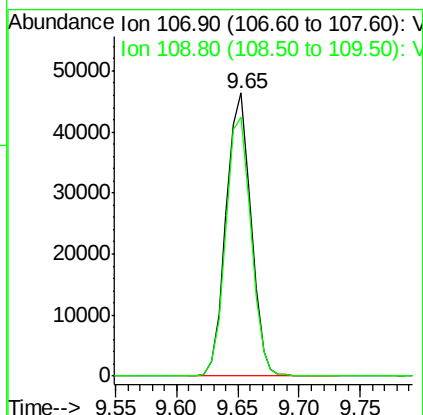
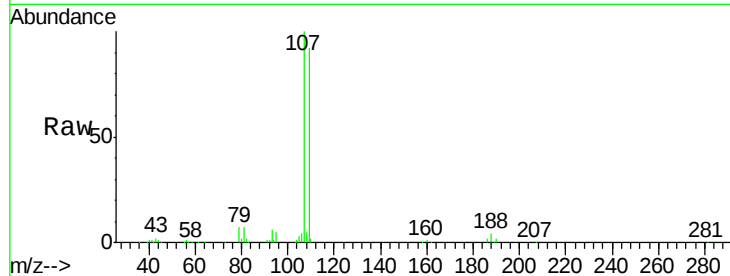




#61
 1,2-Dibromoethane
 Concen: 18.724 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX019813.D
 Acq: 10 Dec 2020 10:28

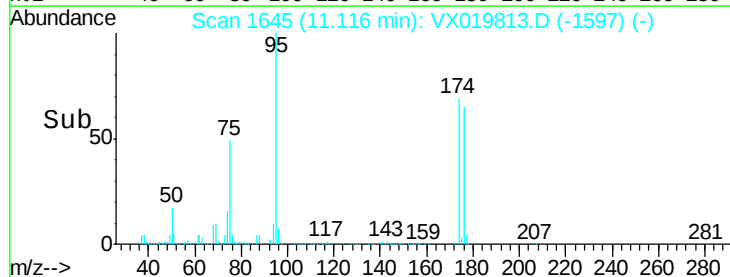
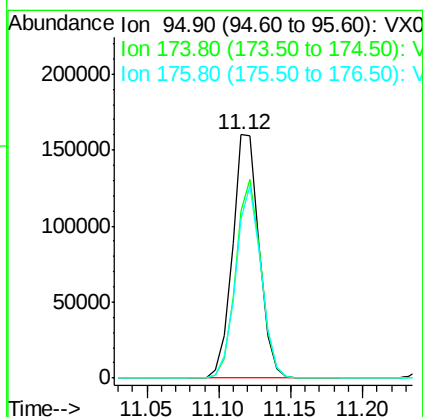
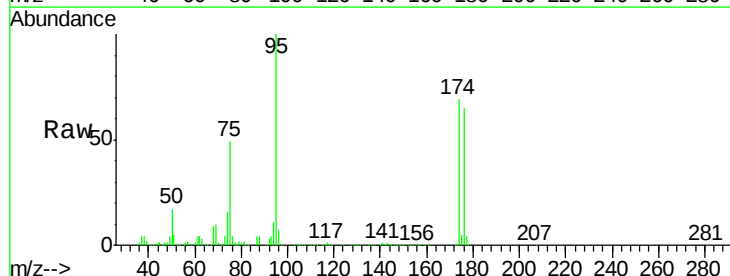
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBS01

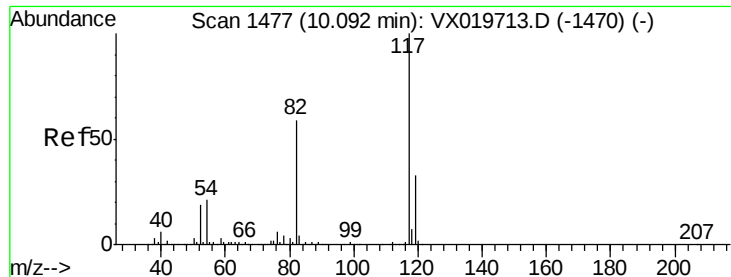
Tgt Ion: 107 Resp: 65340
 Ion Ratio Lower Upper
 107 100
 109 93.2 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 46.648 ug/l
 RT: 11.12 min Scan# 1645
 Delta R.T. -0.01 min
 Lab File: VX019813.D
 Acq: 10 Dec 2020 10:28

Tgt Ion: 95 Resp: 206932
 Ion Ratio Lower Upper
 95 100
 174 77.3 0.0 154.6
 176 75.2 0.0 155.8

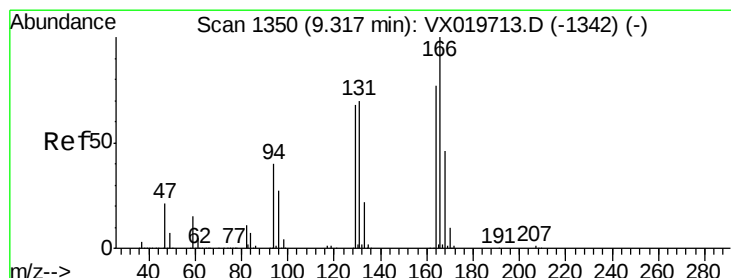
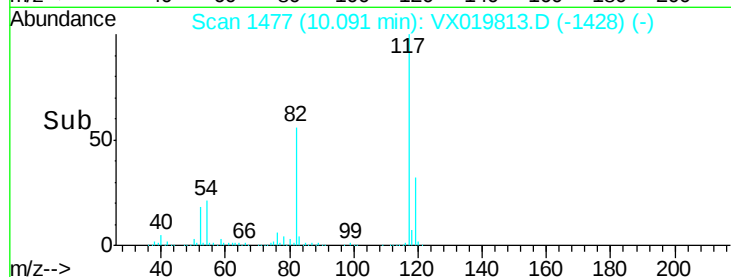
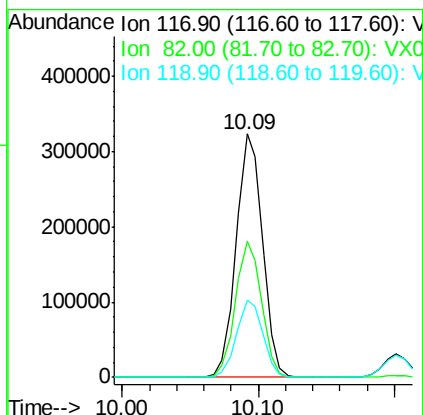
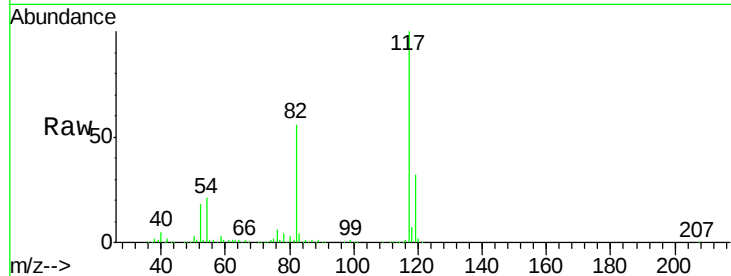




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX019813.D
Acq: 10 Dec 2020 10:28

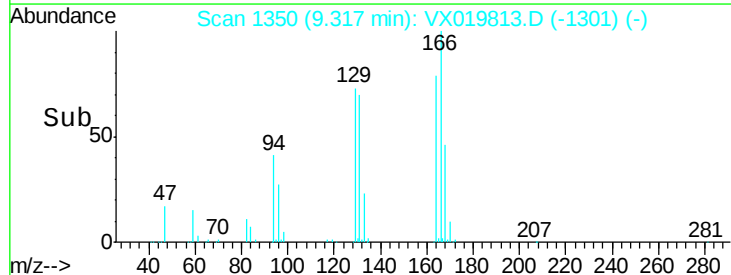
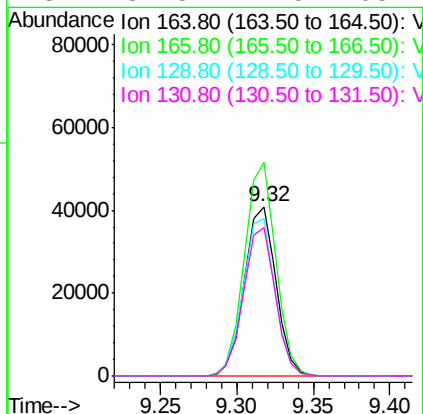
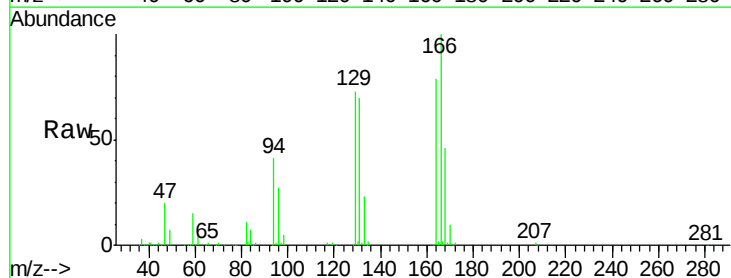
Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

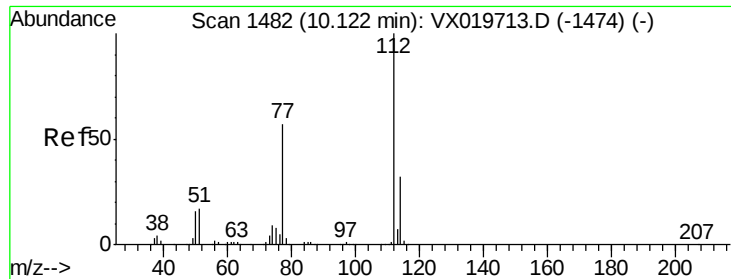
Tgt Ion:117 Resp: 434972
Ion Ratio Lower Upper
117 100
82 56.1 47.4 71.2
119 31.5 26.6 39.8



#64
Tetrachloroethene
Concen: 20.166 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019813.D
Acq: 10 Dec 2020 10:28

Tgt Ion:164 Resp: 58823
Ion Ratio Lower Upper
164 100
166 126.1 103.4 155.2
129 92.7 70.8 106.2
131 87.8 72.5 108.7





#65

Chlorobenzene

Concen: 18.629 ug/l

RT: 10.12 min Scan# 1481

Delta R.T. -0.01 min

Lab File: VX019813.D

Acq: 10 Dec 2020 10:28

Instrument :

MSVOA_X

ClientSampleId :

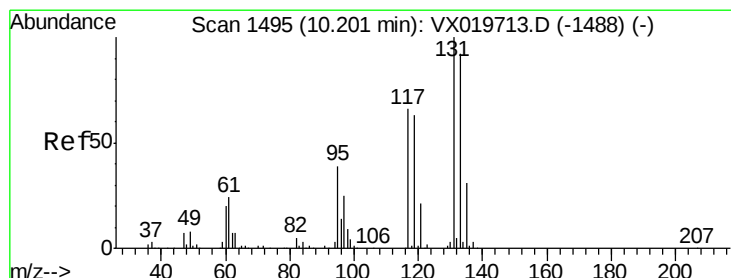
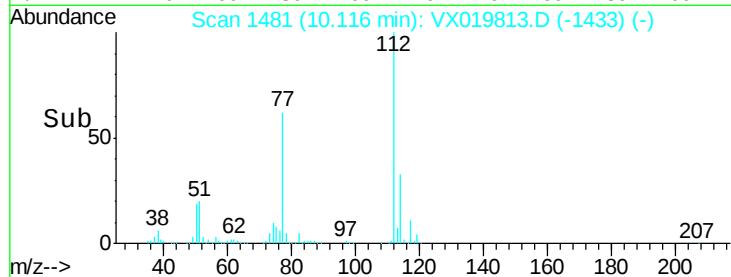
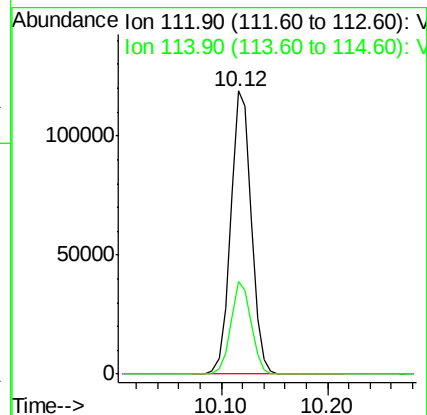
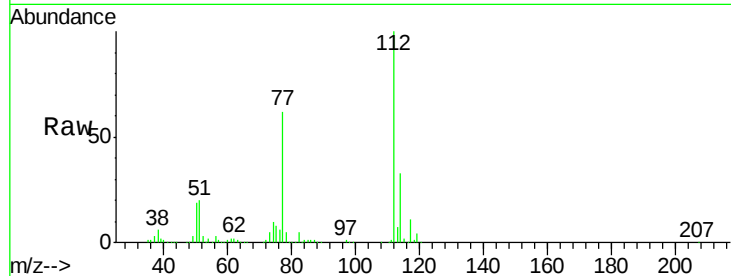
VX1210WBS01

Tgt Ion:112 Resp: 161440

Ion Ratio Lower Upper

112 100

114 32.5 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 19.327 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.00 min

Lab File: VX019813.D

Acq: 10 Dec 2020 10:28

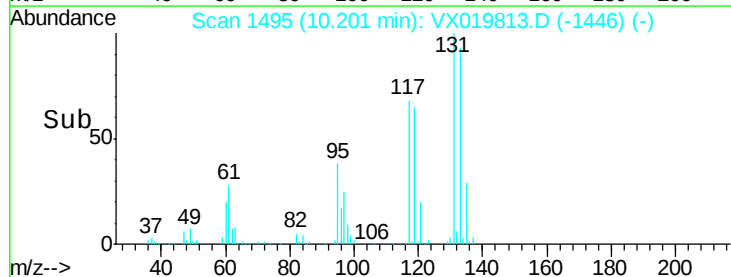
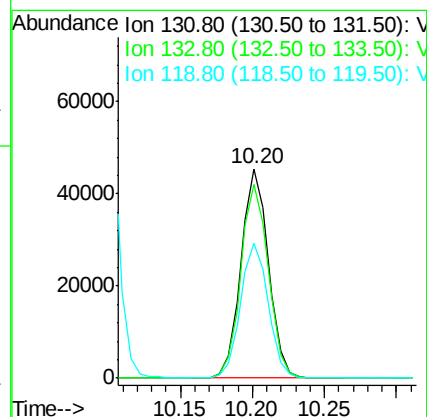
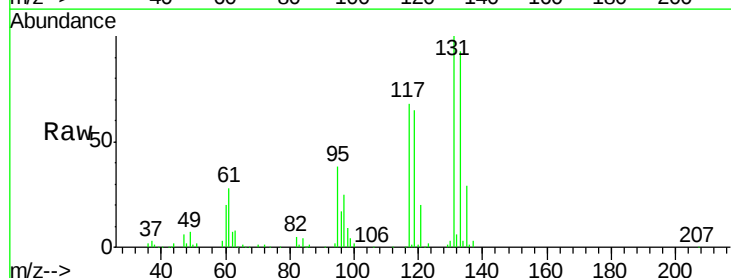
Tgt Ion:131 Resp: 60284

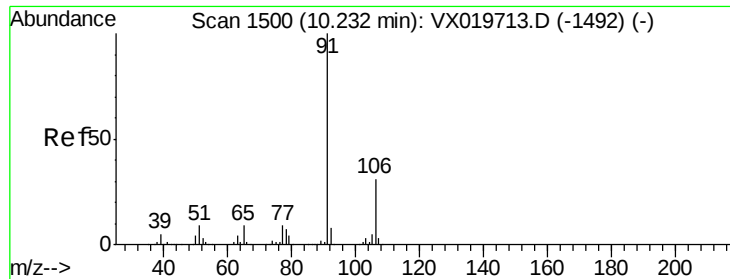
Ion Ratio Lower Upper

131 100

133 93.1 47.7 143.1

119 65.4 32.1 96.5





#67

Ethyl Benzene

Concen: 18.743 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX019813.D

Acq: 10 Dec 2020 10:28

Instrument :

MSVOA_X

ClientSampleId :

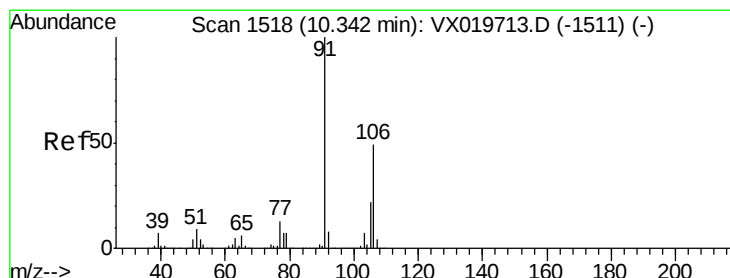
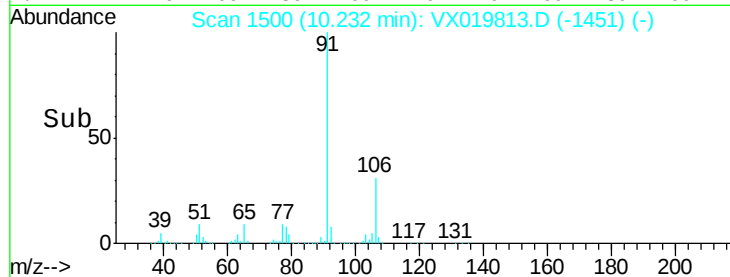
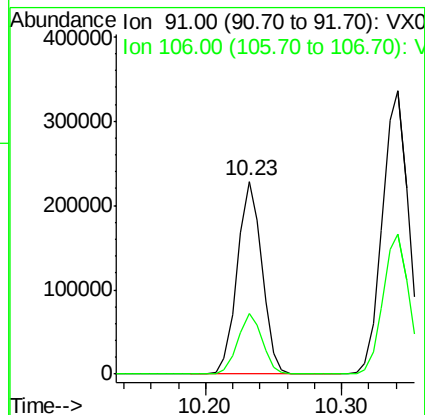
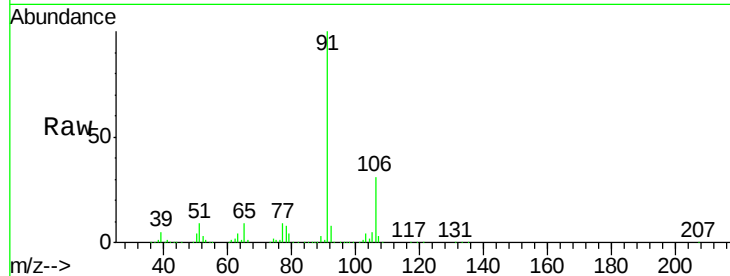
VX1210WBS01

Tgt Ion: 91 Resp: 288316

Ion Ratio Lower Upper

91 100

106 31.3 24.6 37.0



#68

m/p-Xylenes

Concen: 38.020 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX019813.D

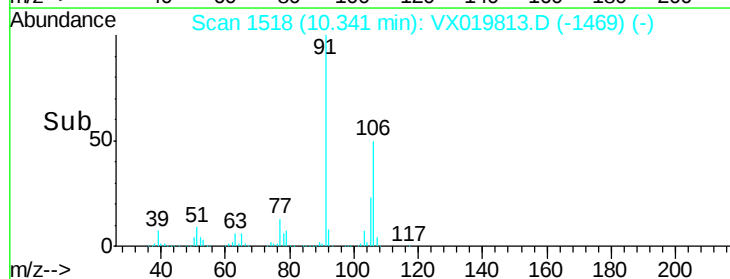
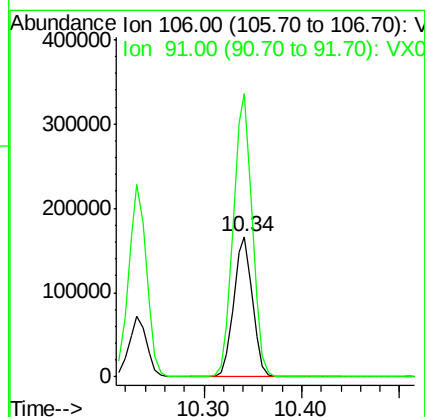
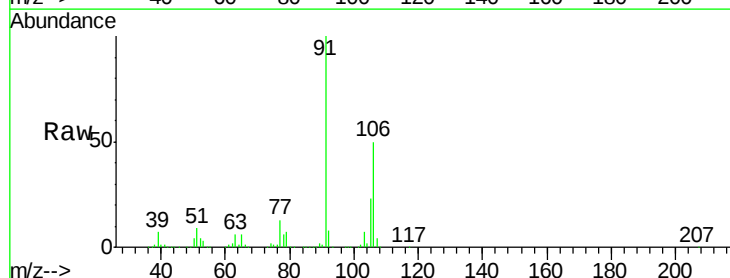
Acq: 10 Dec 2020 10:28

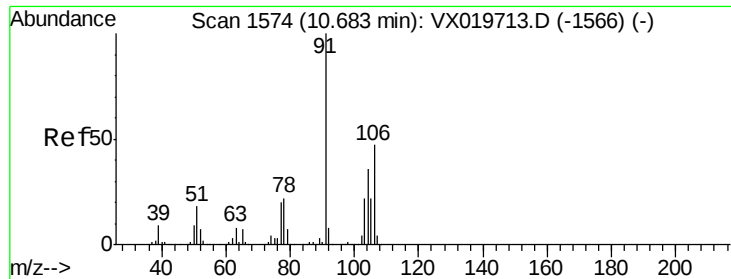
Tgt Ion: 106 Resp: 220376

Ion Ratio Lower Upper

106 100

91 203.4 162.8 244.2

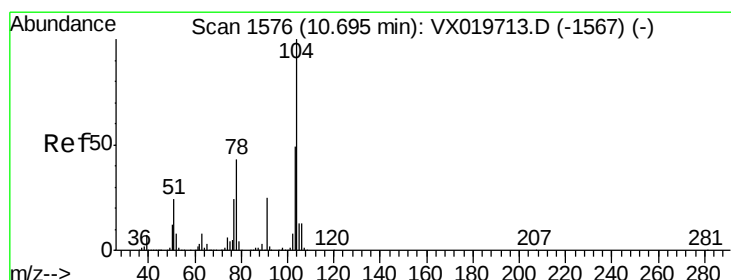
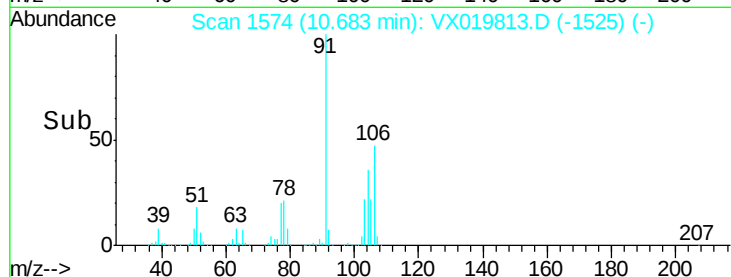
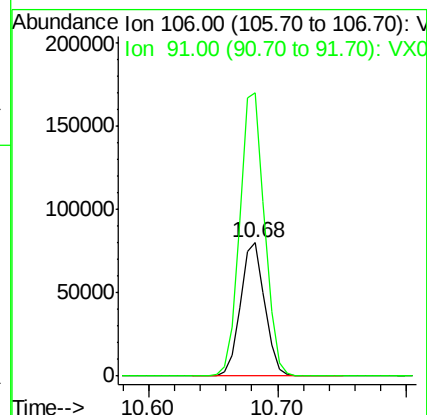
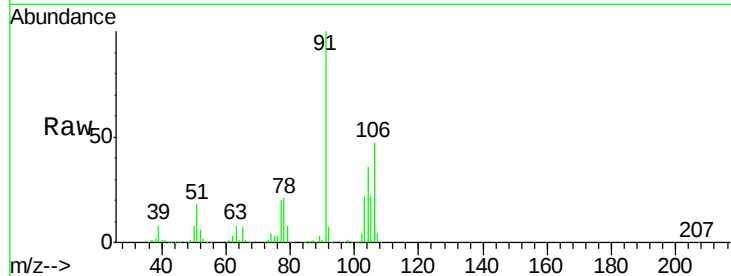




#69
o-Xylene
Concen: 18.779 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019813.D
Acq: 10 Dec 2020 10:28

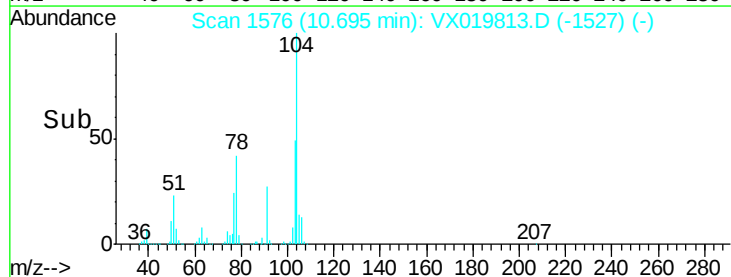
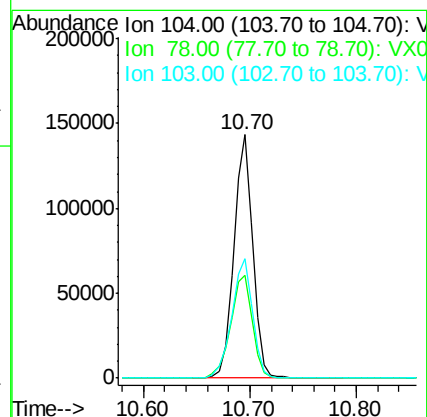
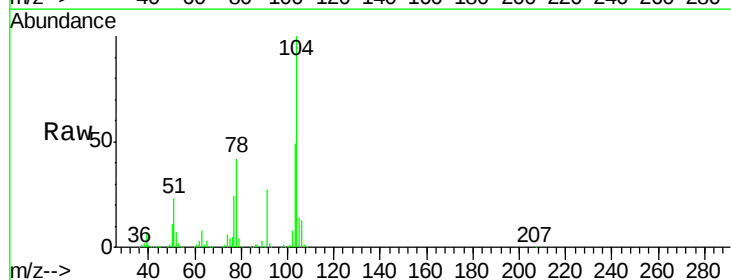
Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

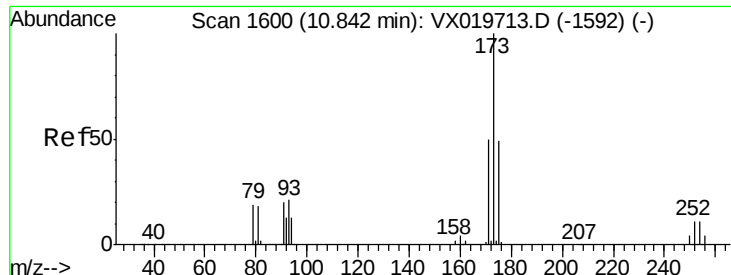
Tgt Ion:106 Resp: 104704
Ion Ratio Lower Upper
106 100
91 217.5 108.1 324.2



#70
Styrene
Concen: 18.847 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019813.D
Acq: 10 Dec 2020 10:28

Tgt Ion:104 Resp: 177368
Ion Ratio Lower Upper
104 100
78 49.0 40.0 60.0
103 54.6 43.4 65.0





#71

Bromoform

Concen: 17.835 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX019813.D

Acq: 10 Dec 2020 10:28

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS01

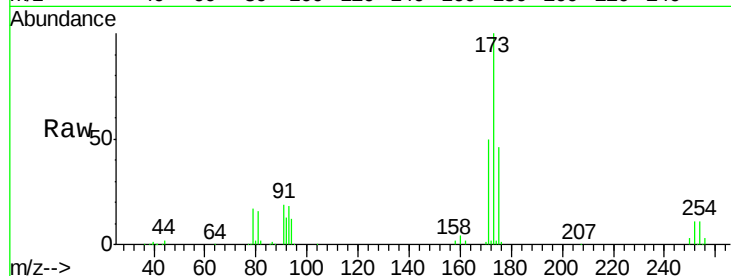
Tgt Ion:173 Resp: 43763

Ion Ratio Lower Upper

173 100

175 48.1 23.9 71.8

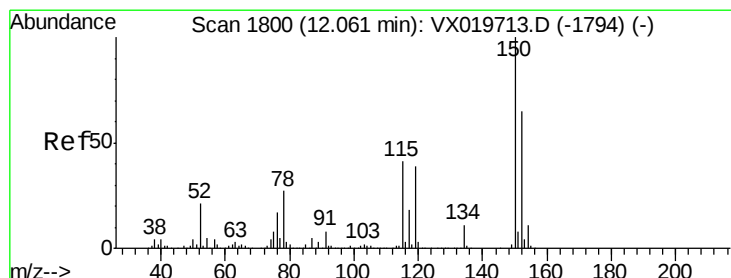
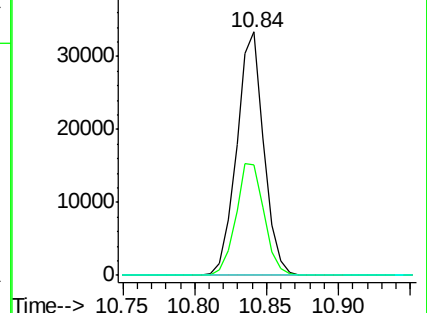
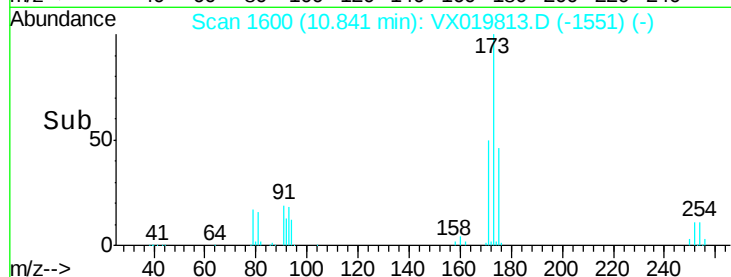
254 0.1 0.1 0.1



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: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019813.D

Acq: 10 Dec 2020 10:28

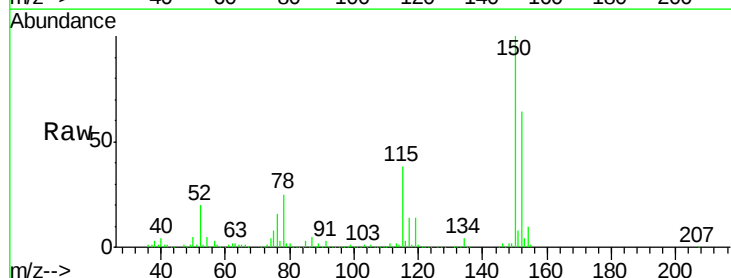
Tgt Ion:152 Resp: 211284

Ion Ratio Lower Upper

152 100

115 67.4 41.1 123.3

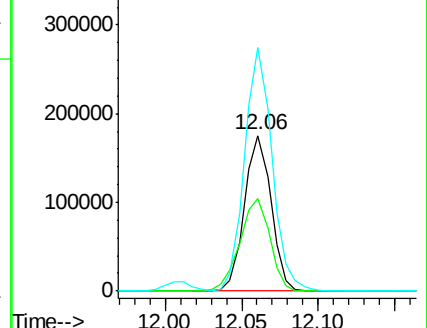
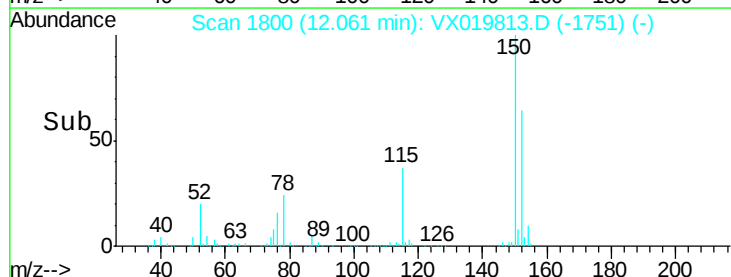
150 162.2 0.0 349.0

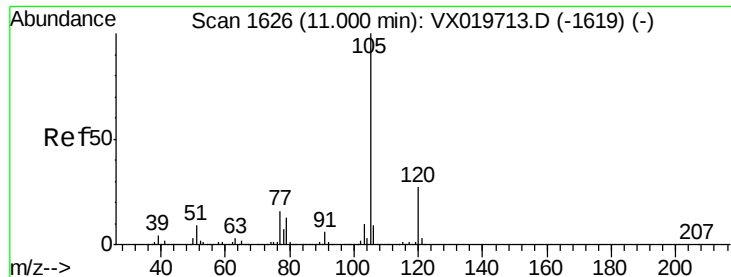


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.837 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019813.D

Acq: 10 Dec 2020 10:28

Instrument :

MSVOA_X

ClientSampleId :

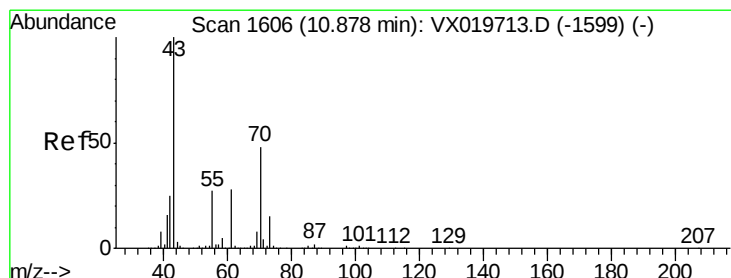
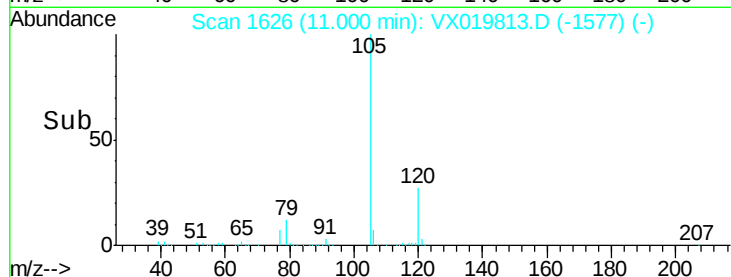
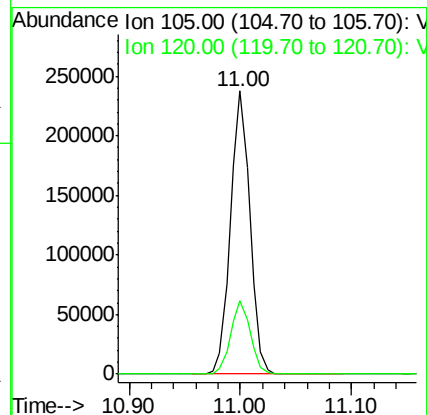
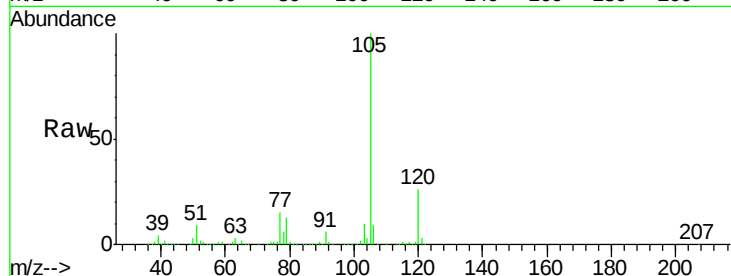
VX1210WBS01

Tgt Ion: 105 Resp: 286345

Ion Ratio Lower Upper

105 100

120 26.0 13.2 39.6



#74

N-ethyl acetate

Concen: 17.527 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019813.D

Acq: 10 Dec 2020 10:28

Tgt Ion: 43 Resp: 101389

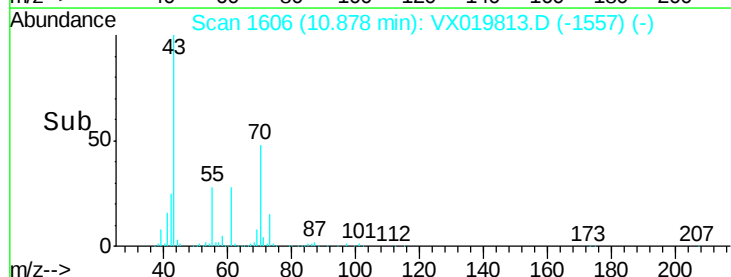
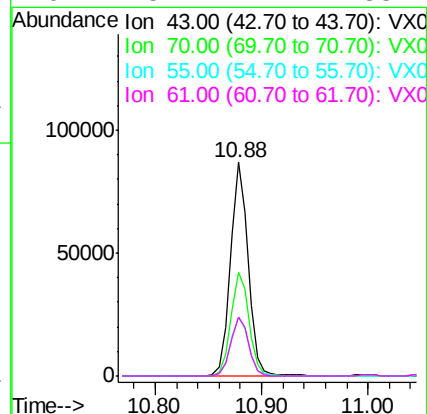
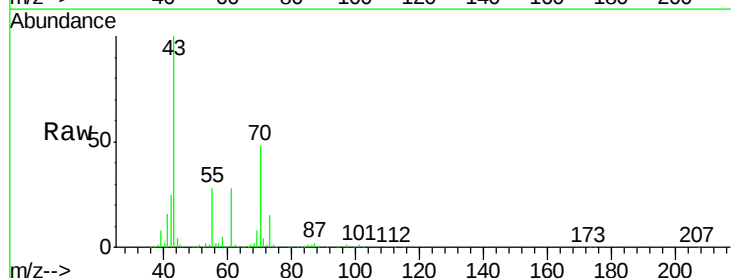
Ion Ratio Lower Upper

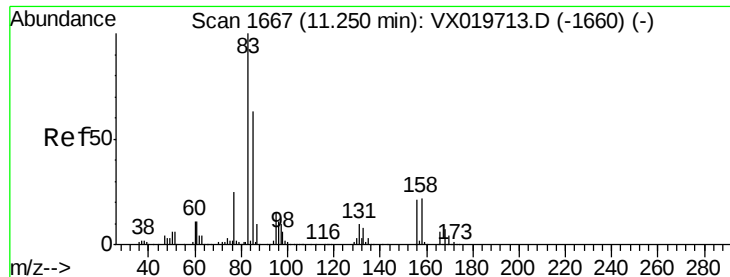
43 100

70 50.1 39.0 58.6

55 28.6 21.5 32.3

61 28.1 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 19.141 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019813.D

Acq: 10 Dec 2020 10:28

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS01

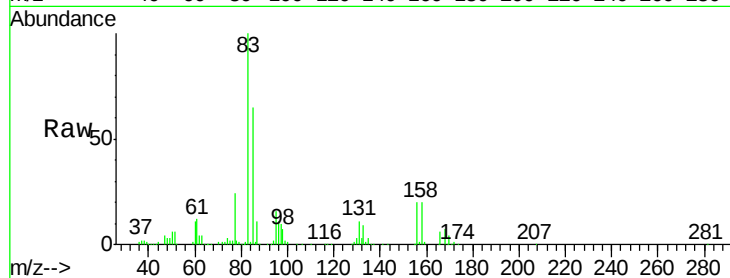
Tgt Ion: 83 Resp: 97409

Ion Ratio Lower Upper

83 100

131 10.5 5.1 15.2

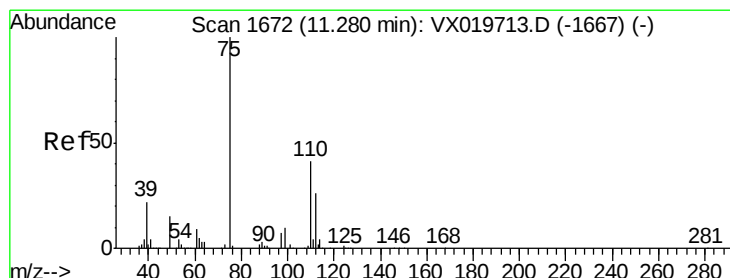
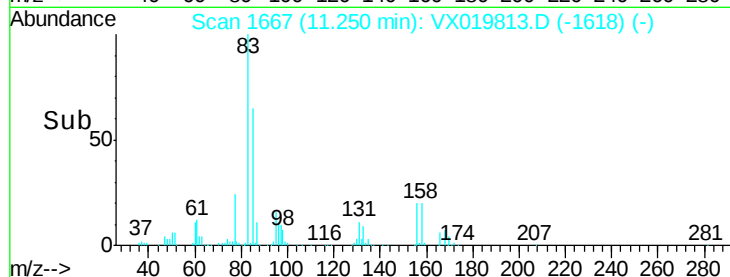
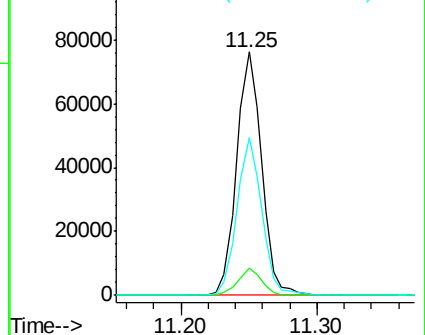
85 64.4 31.8 95.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 22.622 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019813.D

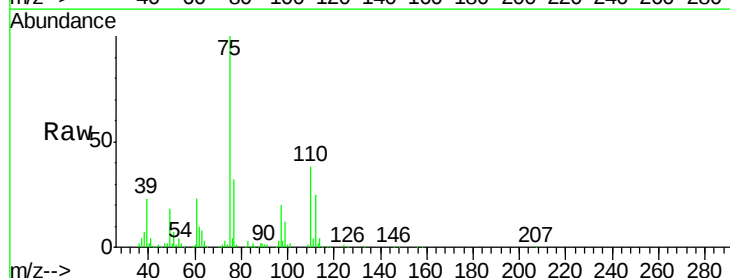
Acq: 10 Dec 2020 10:28

Tgt Ion: 75 Resp: 107200

Ion Ratio Lower Upper

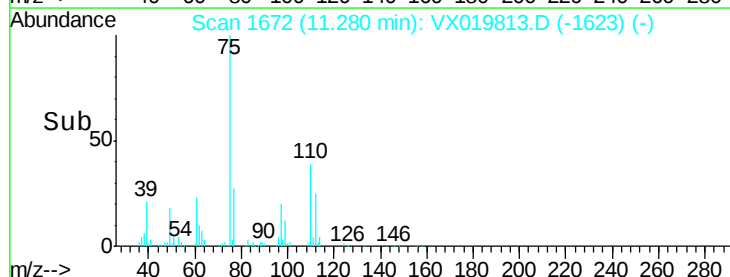
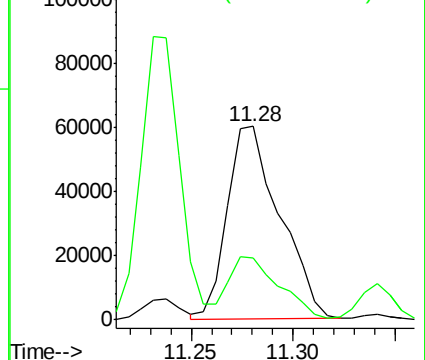
75 100

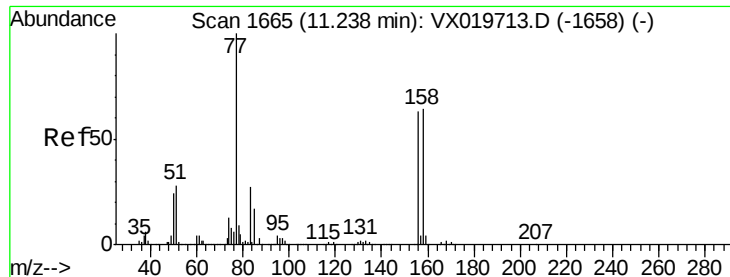
77 31.3 19.1 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.296 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019813.D

Acq: 10 Dec 2020 10:28

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS01

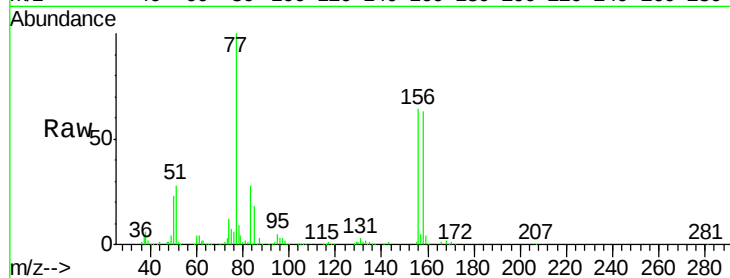
Tgt Ion:156 Resp: 71281

Ion Ratio Lower Upper

156 100

77 162.1 82.8 248.6

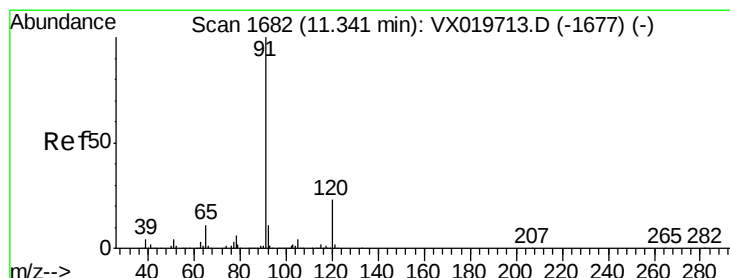
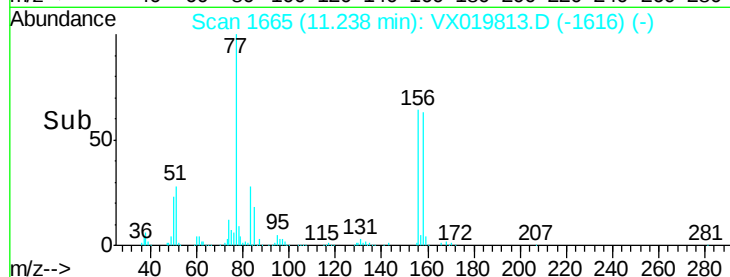
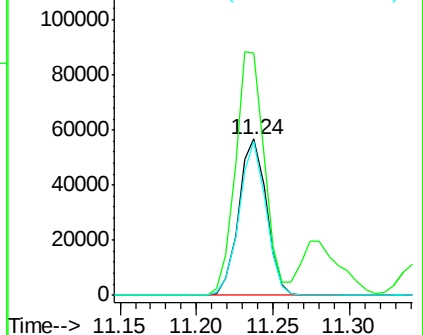
158 95.5 49.1 147.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.731 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019813.D

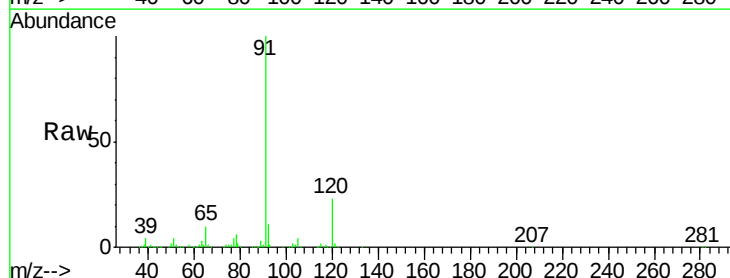
Acq: 10 Dec 2020 10:28

Tgt Ion: 91 Resp: 325301

Ion Ratio Lower Upper

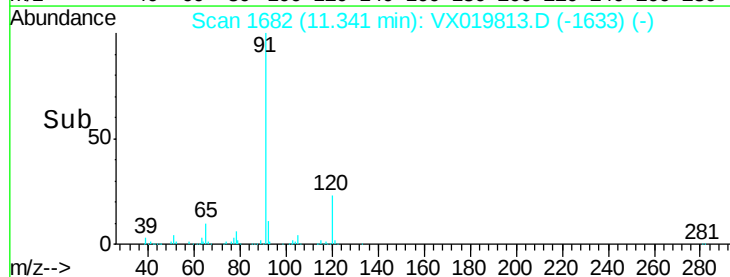
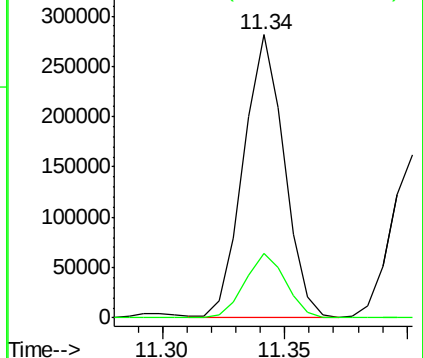
91 100

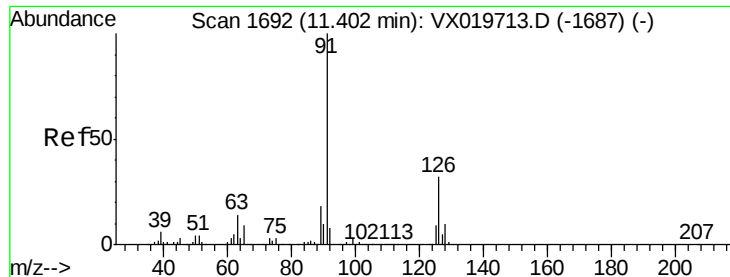
120 23.0 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.477 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019813.D

Acq: 10 Dec 2020 10:28

Instrument :

MSVOA_X

ClientSampleId :

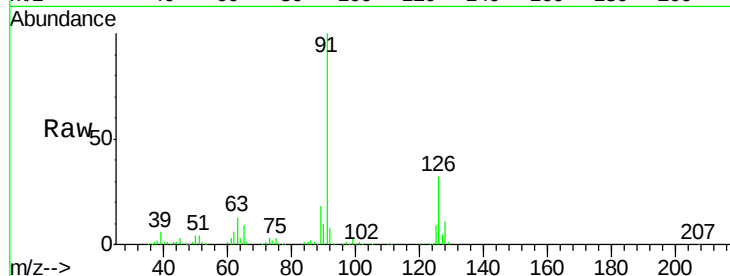
VX1210WBS01

Tgt Ion: 91 Resp: 197751

Ion Ratio Lower Upper

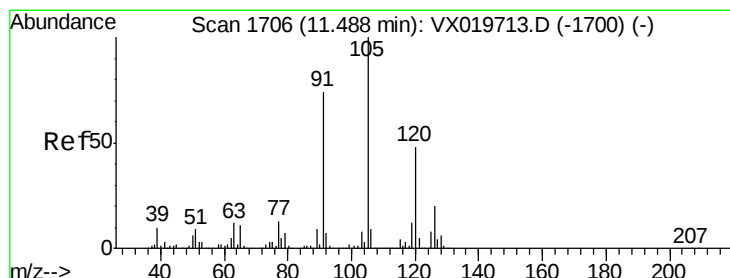
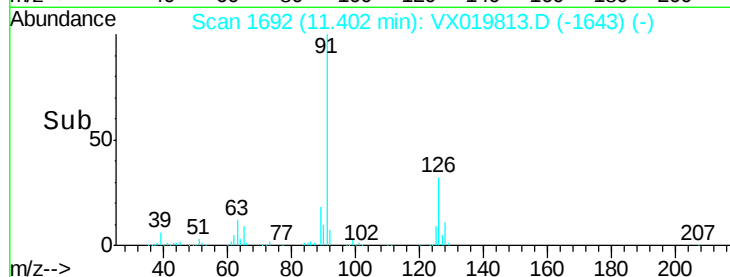
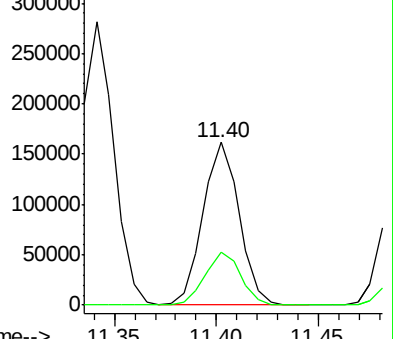
91 100

126 32.3 16.6 49.8



Abundance Ion 91.00 (90.70 to 91.70): VX019713.D (-1687) (-)

Ion 125.90 (125.60 to 126.60): VX019713.D (-1687) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.598 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX019813.D

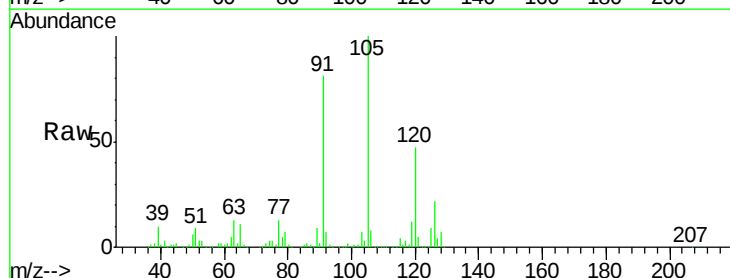
Acq: 10 Dec 2020 10:28

Tgt Ion: 105 Resp: 238755

Ion Ratio Lower Upper

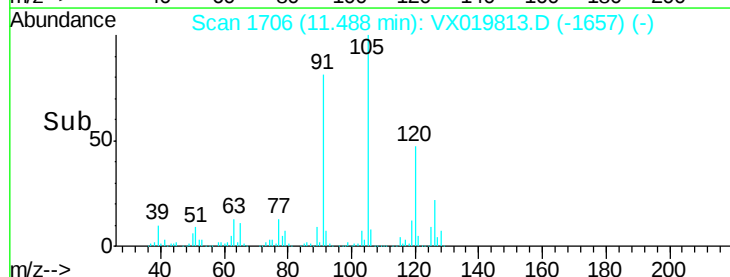
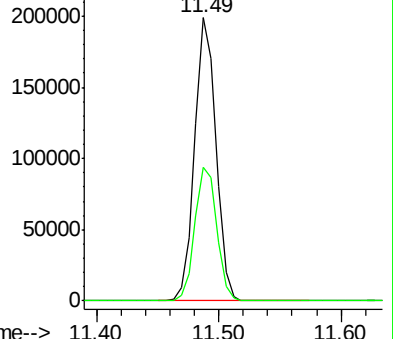
105 100

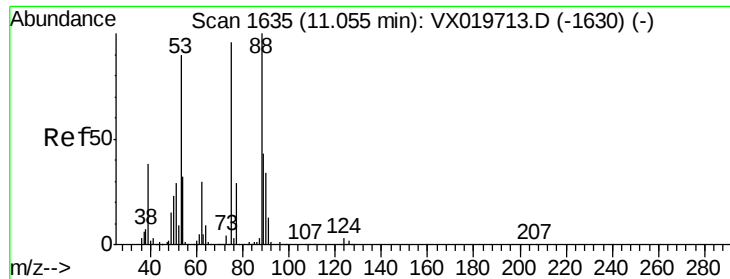
120 48.8 23.8 71.5



Abundance Ion 105.00 (104.70 to 105.70): VX019713.D (-1700) (-)

Ion 120.00 (119.70 to 120.70): VX019713.D (-1700) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 17.553 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX019813.D

Acq: 10 Dec 2020 10:28

Instrument :

MSVOA_X

ClientSampled :

VX1210WBS01

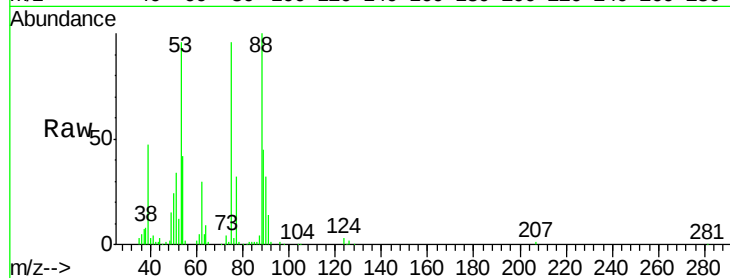
Tgt Ion: 75 Resp: 28773

Ion Ratio Lower Upper

75 100

53 98.0 74.5 111.7

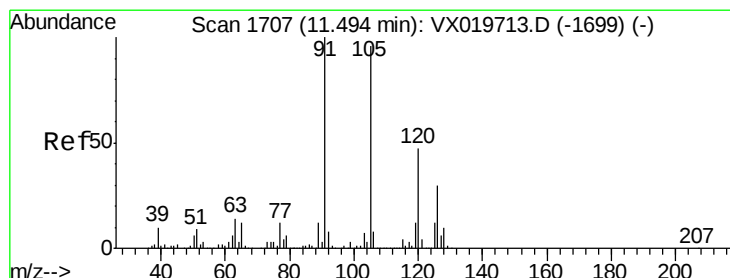
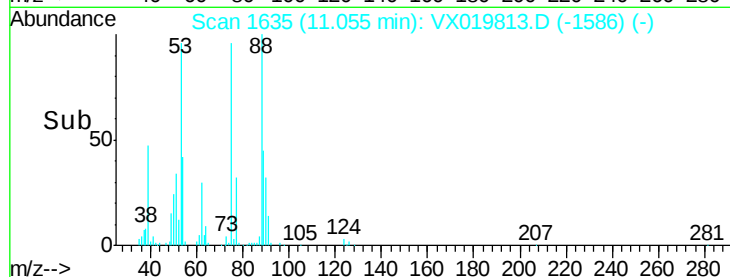
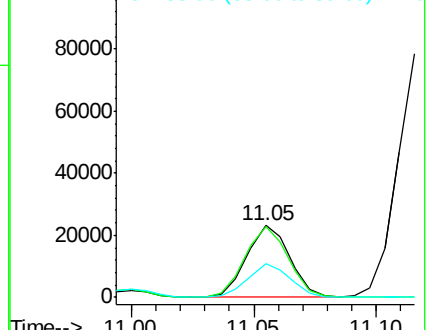
89 45.3 37.9 56.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.178 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX019813.D

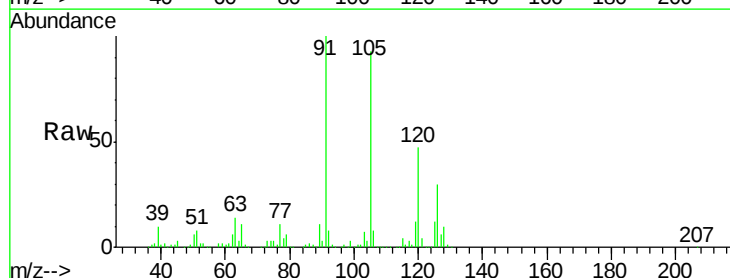
Acq: 10 Dec 2020 10:28

Tgt Ion: 91 Resp: 228038

Ion Ratio Lower Upper

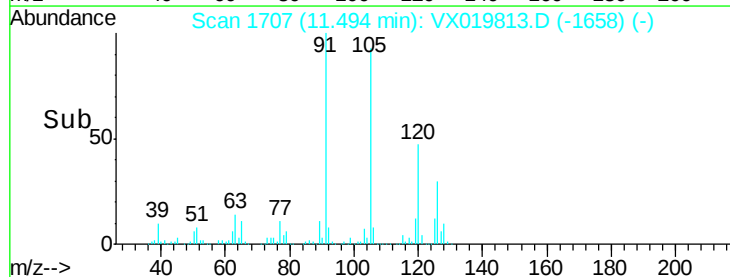
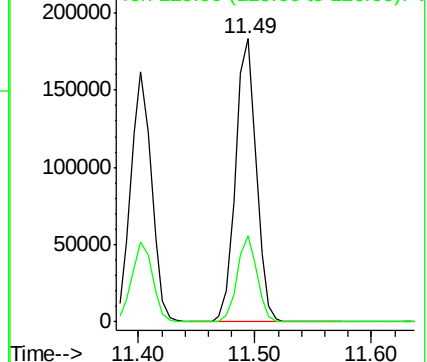
91 100

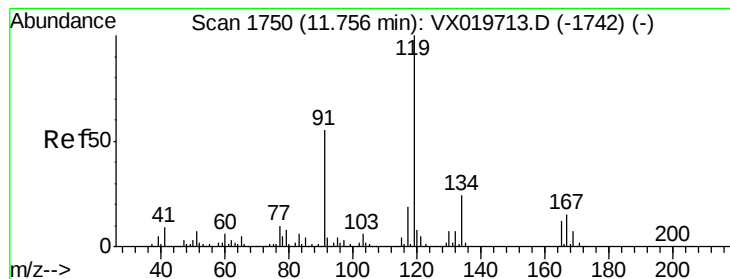
126 29.0 14.9 44.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 19.433 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX019813.D

Acq: 10 Dec 2020 10:28

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS01

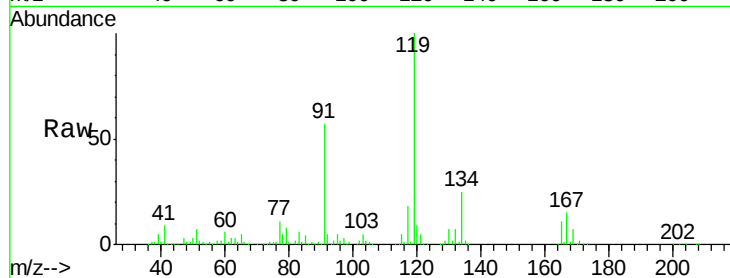
Tgt Ion:119 Resp: 232183

Ion Ratio Lower Upper

119 100

91 57.5 27.9 83.7

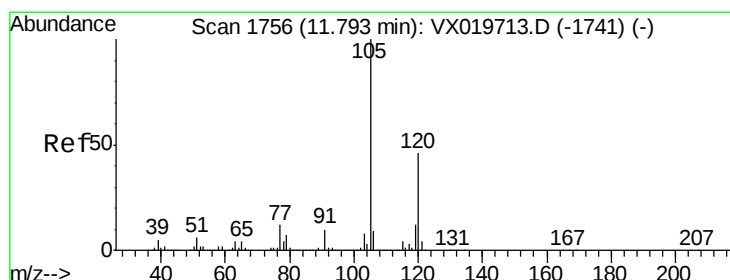
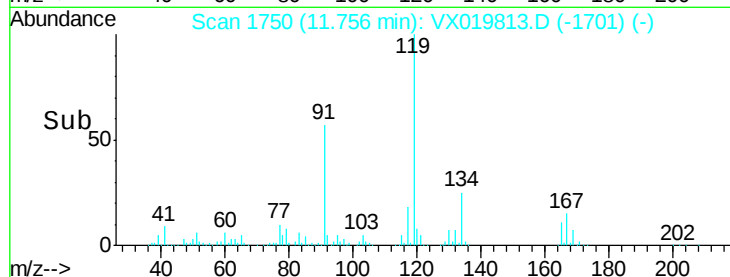
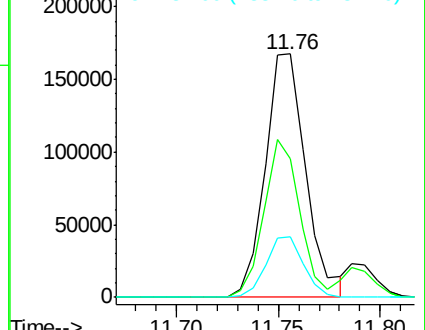
134 23.2 11.3 33.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.720 ug/l

RT: 11.79 min Scan# 1755

Delta R.T. -0.01 min

Lab File: VX019813.D

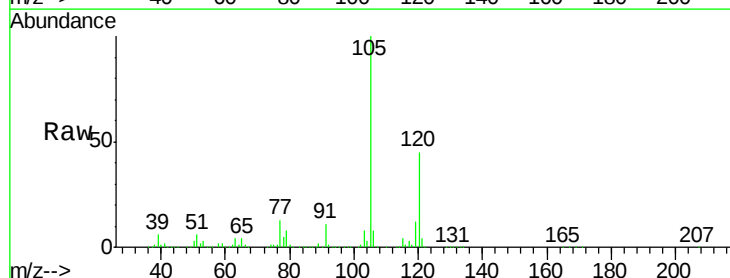
Acq: 10 Dec 2020 10:28

Tgt Ion:105 Resp: 241994

Ion Ratio Lower Upper

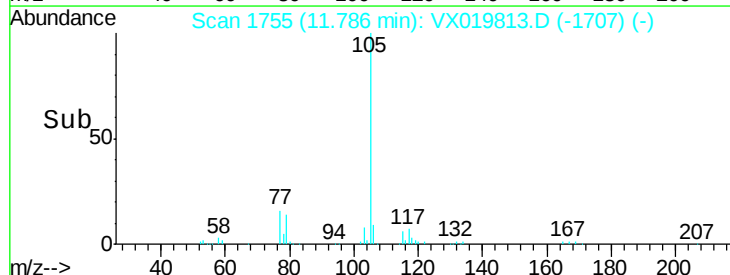
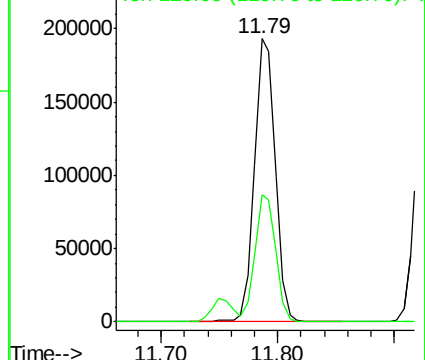
105 100

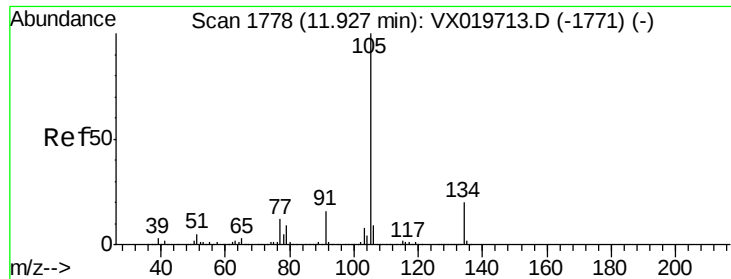
120 44.2 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

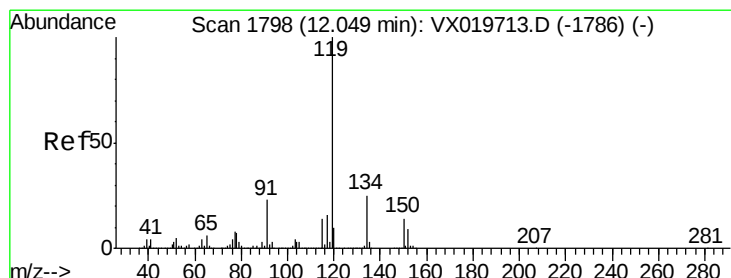
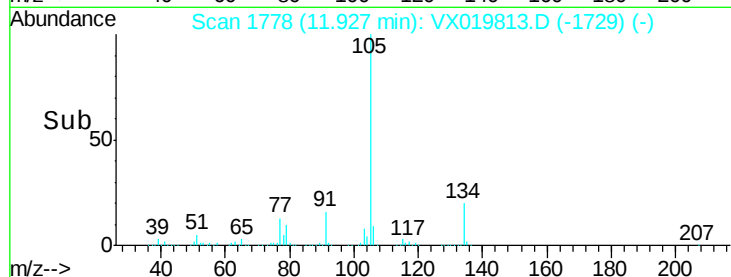
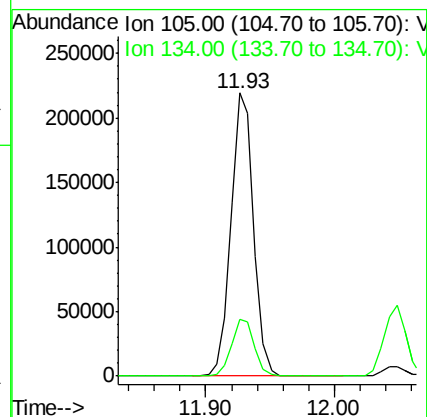
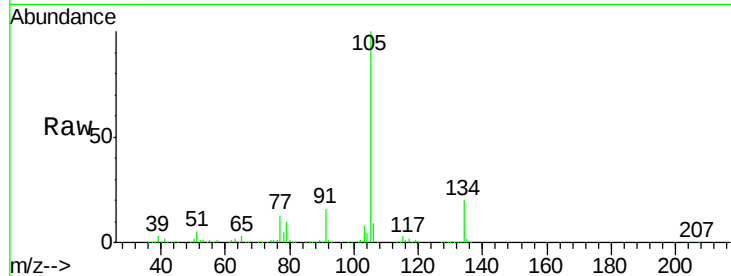




#85
 sec-Butylbenzene
 Concen: 19.711 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX019813.D
 Acq: 10 Dec 2020 10:28

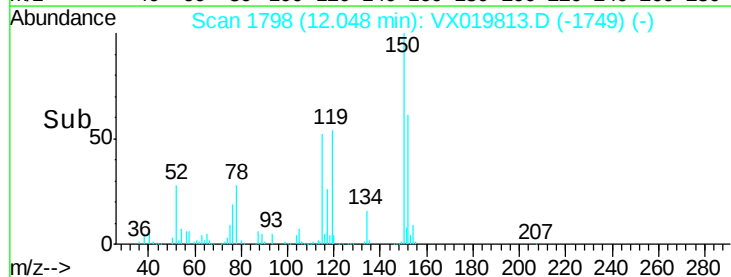
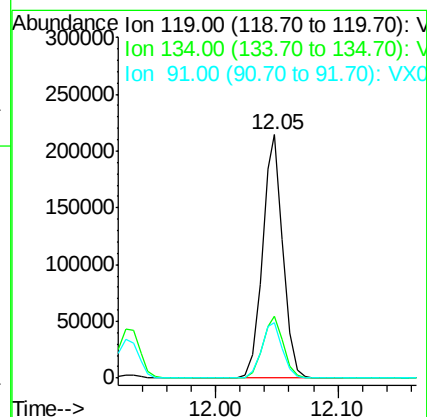
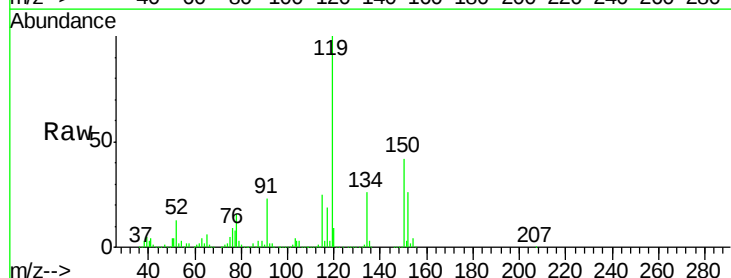
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBS01

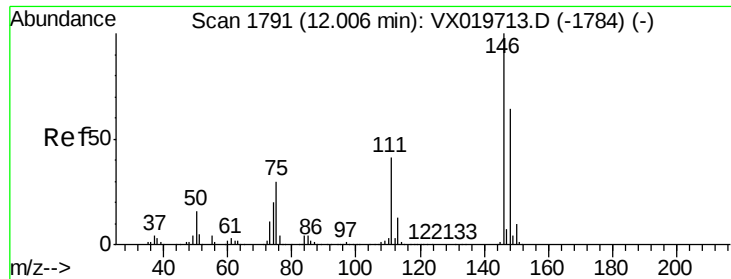
Tgt Ion:105 Resp: 268882
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 19.846 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX019813.D
 Acq: 10 Dec 2020 10:28

Tgt Ion:119 Resp: 248119
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.9 38.7
 91 23.5 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 19.148 ug/l

RT: 12.01 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX019813.D

Acq: 10 Dec 2020 10:28

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS01

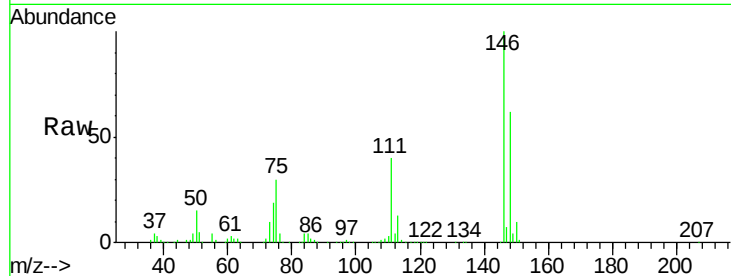
Tgt Ion:146 Resp: 129820

Ion Ratio Lower Upper

146 100

111 40.1 20.2 60.5

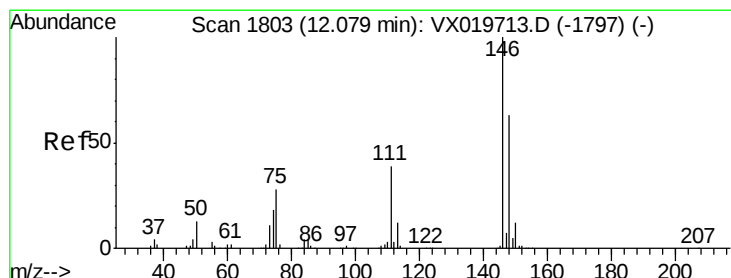
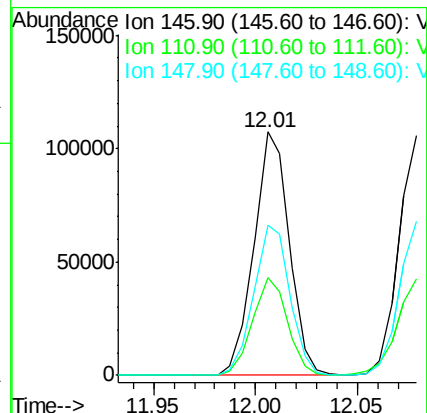
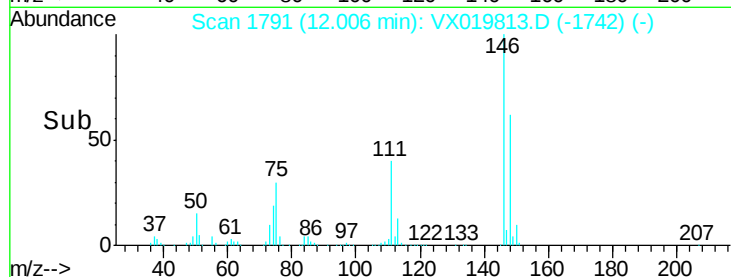
148 63.1 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 18.775 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX019813.D

Acq: 10 Dec 2020 10:28

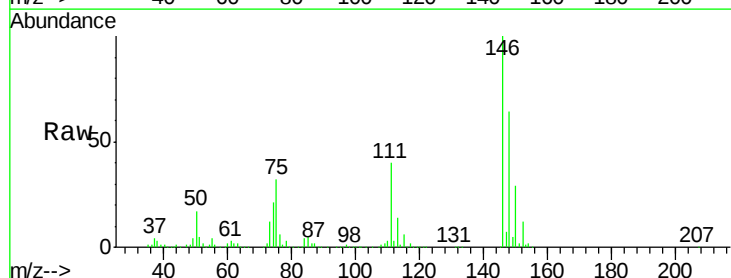
Tgt Ion:146 Resp: 129648

Ion Ratio Lower Upper

146 100

111 40.3 19.6 58.8

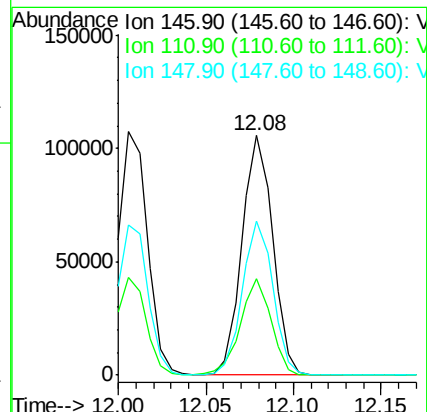
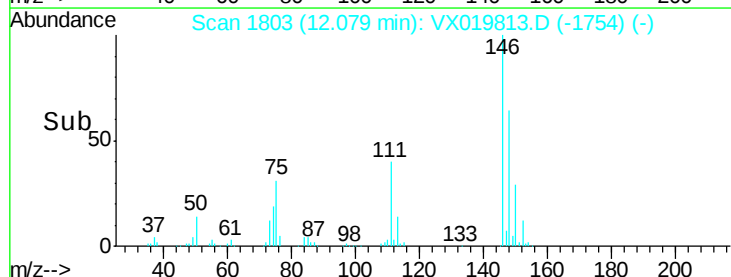
148 64.2 31.6 95.0

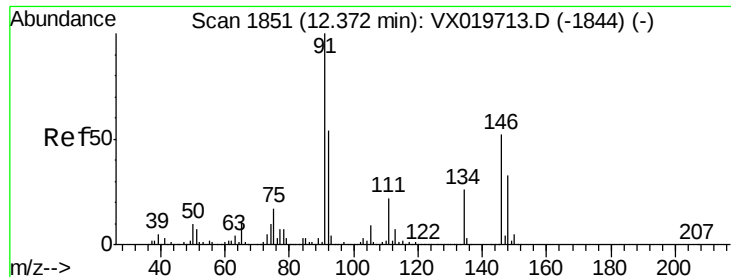


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

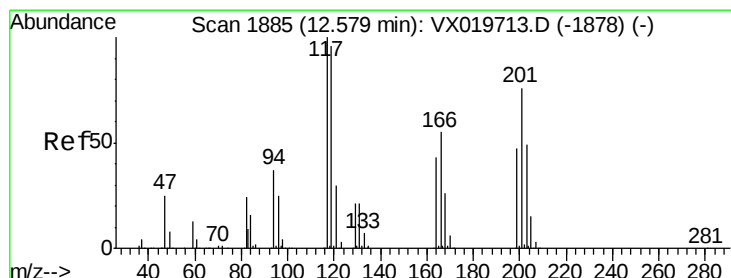
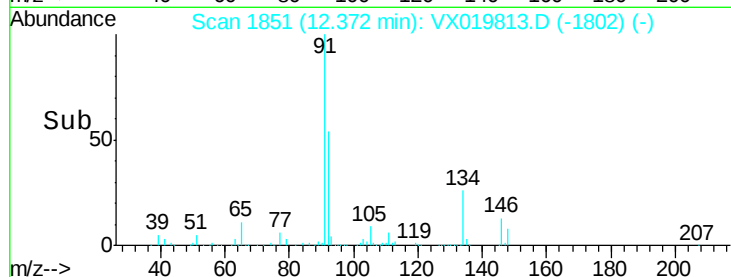
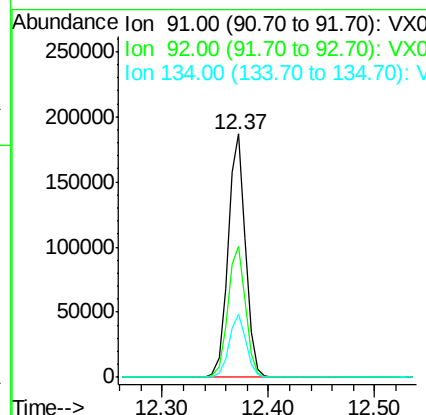
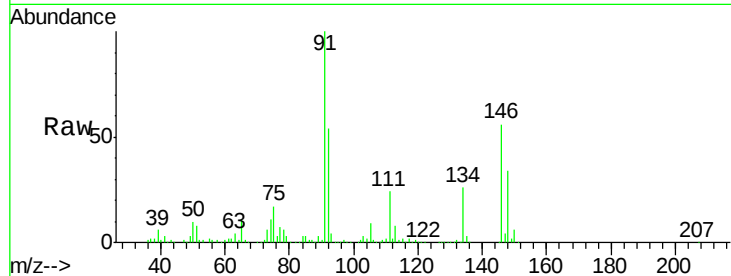




#89
n-Butylbenzene
Concen: 19.149 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019813.D
Acq: 10 Dec 2020 10:28

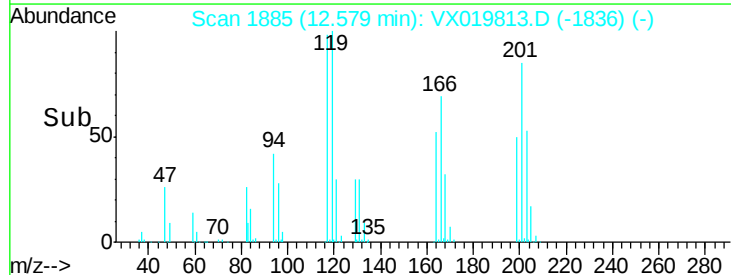
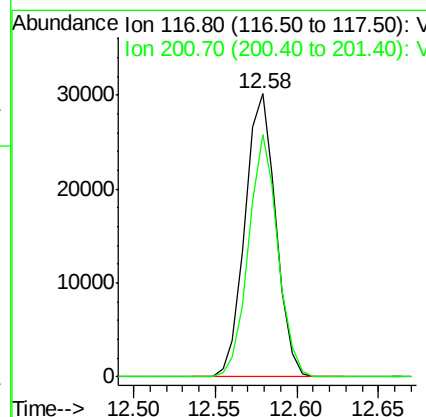
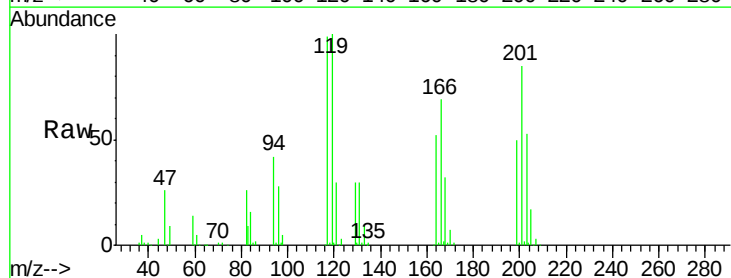
Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

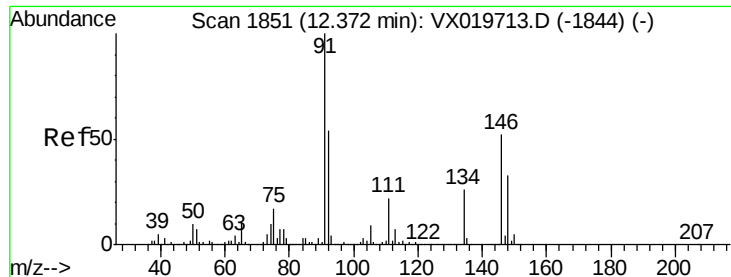
Tgt Ion: 91 Resp: 212098
Ion Ratio Lower Upper
91 100
92 54.5 27.4 82.0
134 25.6 13.2 39.5



#90
Hexachloroethane
Concen: 18.388 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019813.D
Acq: 10 Dec 2020 10:28

Tgt Ion: 117 Resp: 39689
Ion Ratio Lower Upper
117 100
201 81.3 40.4 121.2

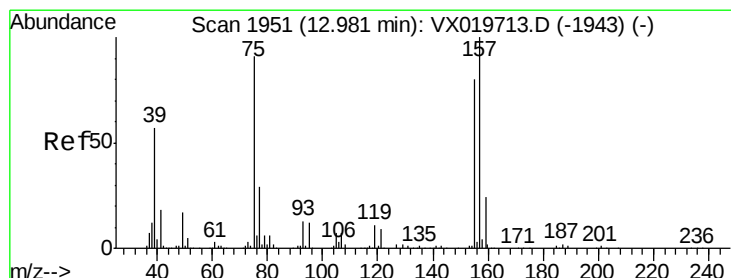
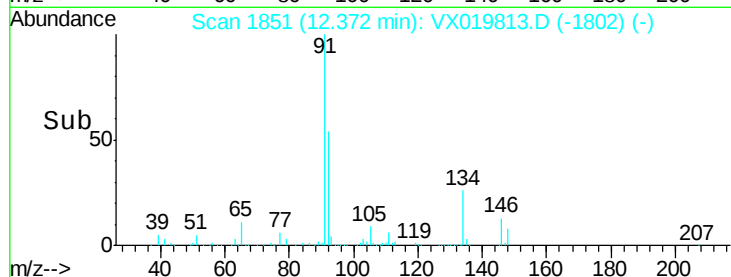
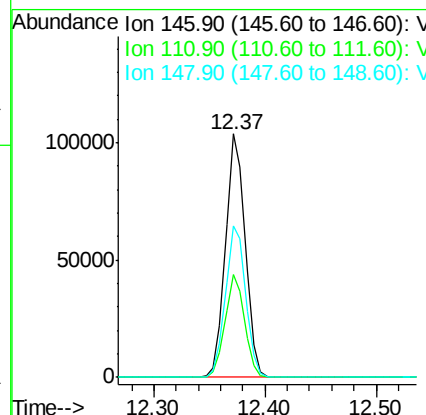
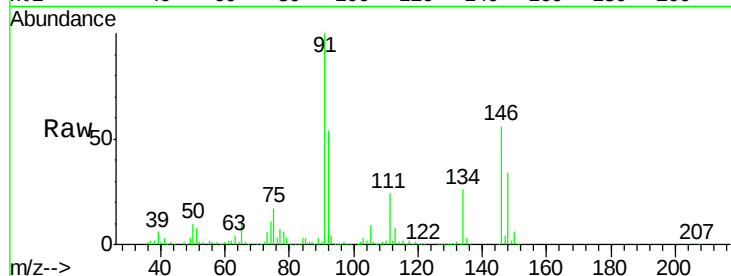




#91
 1,2-Dichlorobenzene
 Concen: 19.224 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX019813.D
 Acq: 10 Dec 2020 10:28

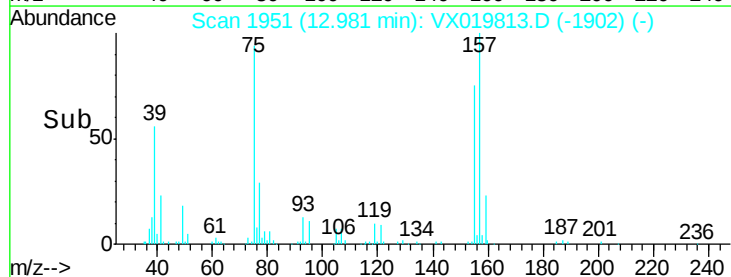
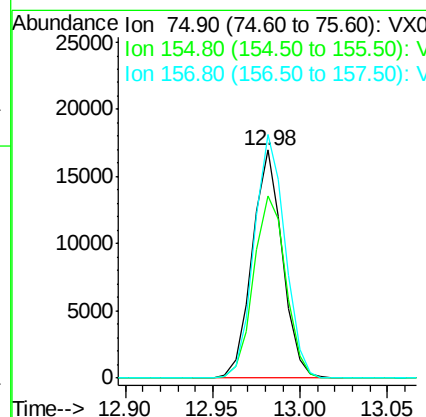
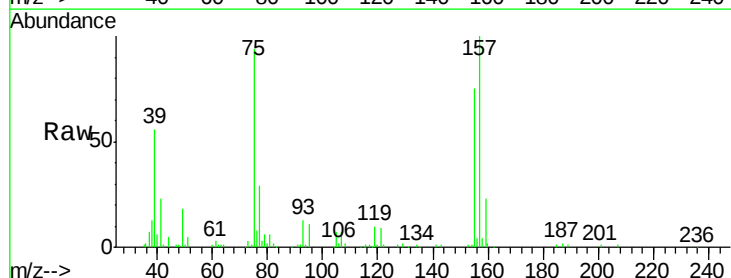
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBS01

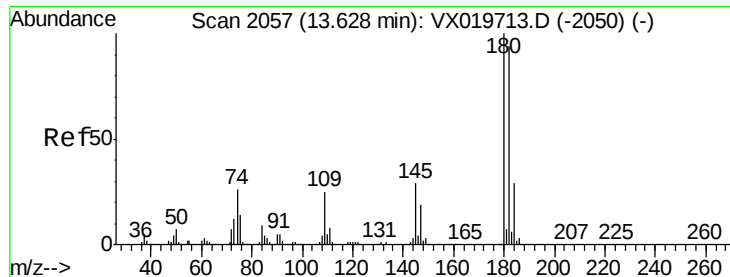
Tgt Ion:146 Resp: 127057
 Ion Ratio Lower Upper
 146 100
 111 41.8 20.8 62.2
 148 63.7 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.558 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019813.D
 Acq: 10 Dec 2020 10:28

Tgt Ion: 75 Resp: 20303
 Ion Ratio Lower Upper
 75 100
 155 85.1 45.3 135.9
 157 109.5 57.7 173.1

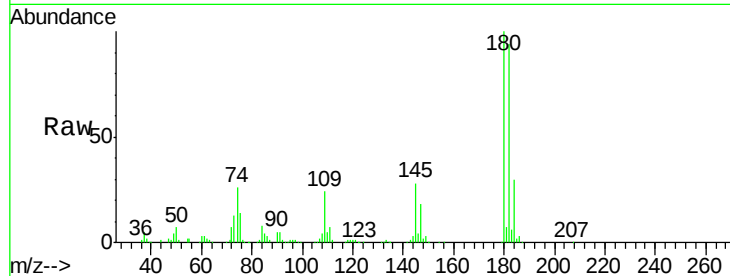




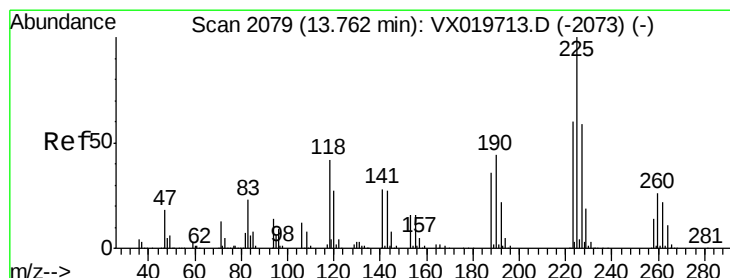
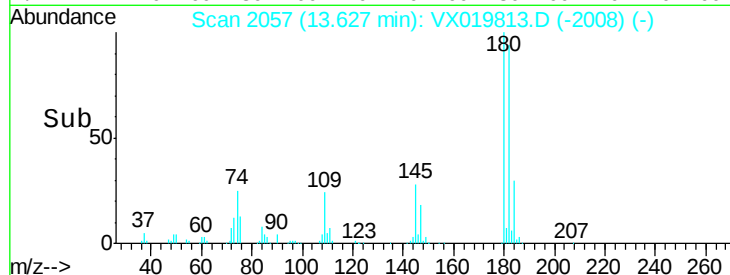
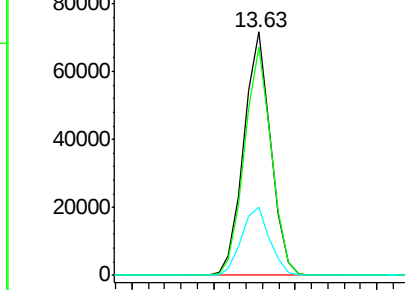
#93
 1,2,4-Trichlorobenzene
 Concen: 19.179 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019813.D
 Acq: 10 Dec 2020 10:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBS01

Tgt Ion:180 Resp: 82516
 Ion Ratio Lower Upper
 180 100
 182 94.4 47.7 143.1
 145 29.3 15.0 45.0

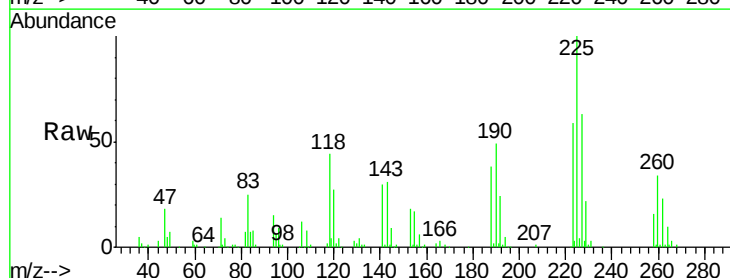


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

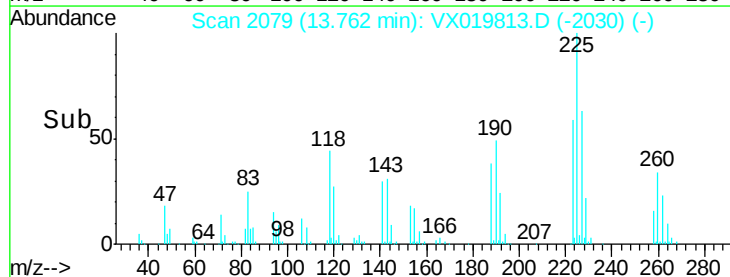
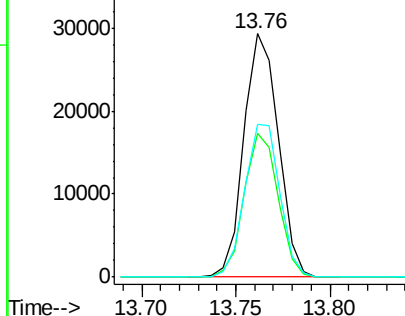


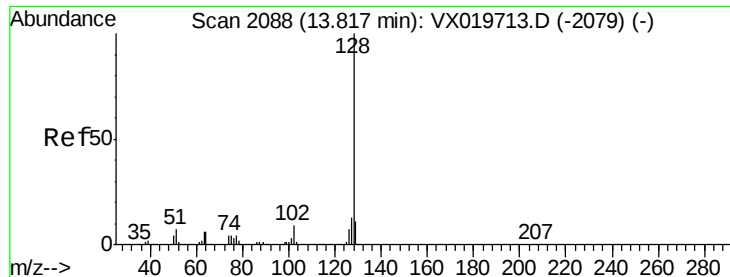
#94
 Hexachlorobutadiene
 Concen: 19.339 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX019813.D
 Acq: 10 Dec 2020 10:28

Tgt Ion:225 Resp: 37187
 Ion Ratio Lower Upper
 225 100
 223 58.2 31.1 93.2
 227 64.0 31.6 95.0



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: 18.745 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX019813.D

Acq: 10 Dec 2020 10:28

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS01

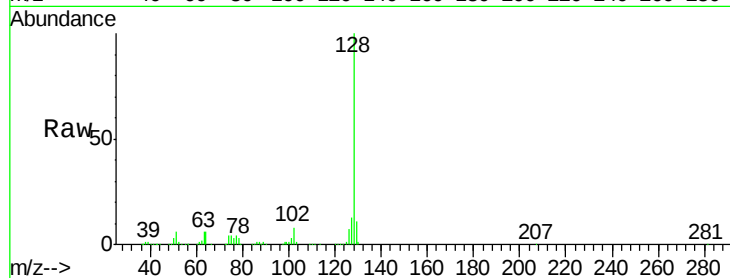
Tgt Ion:128 Resp: 261455

Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

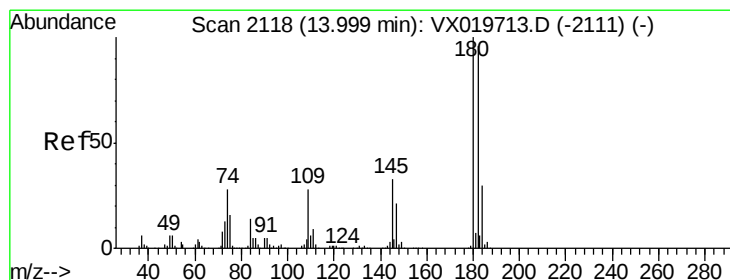
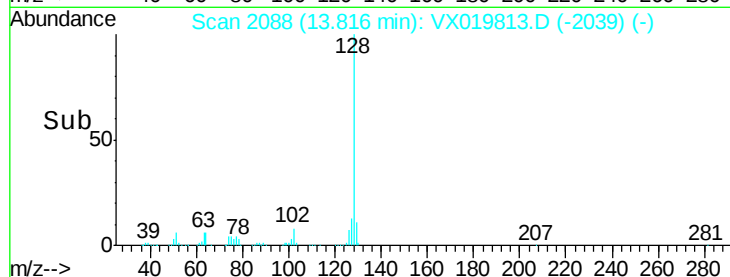
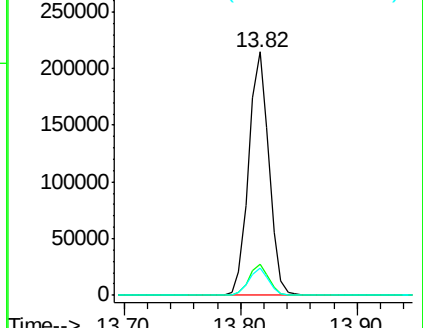
129 11.0 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.721 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX019813.D

Acq: 10 Dec 2020 10:28

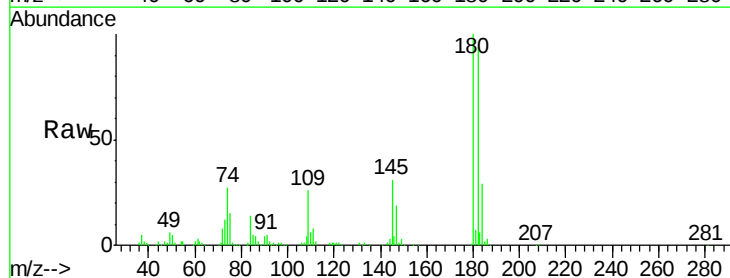
Tgt Ion:180 Resp: 82921

Ion Ratio Lower Upper

180 100

182 94.1 47.6 142.9

145 31.2 16.1 48.3



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

