

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121220\
 Data File : VX019957.D
 Acq On : 13 Dec 2020 01:42
 Operator : JC/MD
 Sample : VX1212WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBSD02

Quant Time: Dec 14 05:31:24 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	5.63	168	260890	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	432915	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	400455	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	195251	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	172417	50.28	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	100.56%	
35) Dibromofluoromethane		5.46	113	137545	49.16	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.32%	
50) Toluene-d8		8.70	98	526700	49.31	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.62%	
62) 4-Bromofluorobenzene		11.12	95	196657	48.37	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	42962	17.987	ug/l	100
3) Chloromethane	1.31	50	49441	17.601	ug/l	99
4) Vinyl Chloride	1.39	62	56706	19.145	ug/l	99
5) Bromomethane	1.62	94	30336	30.845	ug/l	98
6) Chloroethane	1.71	64	37883	21.291	ug/l	100
7) Trichlorofluoromethane	1.92	101	79914	19.373	ug/l	97
8) Diethyl Ether	2.17	74	35149	20.108	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	47681	20.167	ug/l	100
10) Methyl Iodide	2.49	142	59517	17.078	ug/l	98
11) Tert butyl alcohol	3.01	59	74070	103.545	ug/l	100
12) 1,1-Dichloroethene	2.36	96	48660	20.357	ug/l	98
13) Acrolein	2.27	56	25730	67.982	ug/l	99
14) Allyl chloride	2.71	41	78923	19.550	ug/l	96
15) Acrylonitrile	3.11	53	168040	108.406	ug/l	99
16) Acetone	2.42	43	134373	104.260	ug/l	99
17) Carbon Disulfide	2.55	76	111923	16.319	ug/l	100
18) Methyl Acetate	2.75	43	72751	23.067	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	182313	20.943	ug/l	98
20) Methylene Chloride	2.83	84	61744	20.135	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	54440	19.535	ug/l	98
22) Diisopropyl ether	3.82	45	177113	21.699	ug/l	90
23) Vinyl Acetate	3.78	43	732572	105.347	ug/l	99
24) 1,1-Dichloroethane	3.67	63	102255	20.775	ug/l	100
25) 2-Butanone	4.63	43	211463	106.778	ug/l	100
26) 2,2-Dichloropropane	4.55	77	67651	15.960	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	64138	19.667	ug/l	99
28) Bromochloromethane	4.98	49	43957	18.734	ug/l	98
29) Tetrahydrofuran	5.09	42	136796	107.211	ug/l	99
30) Chloroform	5.17	83	105667	20.878	ug/l	97
31) Cyclohexane	5.54	56	81562	19.123	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	86900	19.938	ug/l	99
36) 1,1-Dichloropropene	5.77	75	73580	18.809	ug/l	99
37) Ethyl Acetate	4.79	43	81441	20.619	ug/l	99
38) Carbon Tetrachloride	5.75	117	72395	18.898	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	82122	17.868	ug/l	96
40) Benzene	6.11	78	237035	19.836	ug/l	98
41) Methacrylonitrile	5.00	41	45454	20.960	ug/l	100
42) 1,2-Dichloroethane	6.16	62	83796	20.524	ug/l	100
43) Isopropyl Acetate	6.41	43	127714	19.888	ug/l	99
44) Trichloroethene	7.19	130	59736	19.052	ug/l	99
45) 1,2-Dichloropropane	7.49	63	60807	20.360	ug/l	98
46) Dibromomethane	7.63	93	41031	20.344	ug/l	98
47) Bromodichloromethane	7.87	83	79072	19.757	ug/l	98
48) Methyl methacrylate	7.74	41	63021	19.955	ug/l	99
49) 1,4-Dioxane	7.71	88	30108	393.538	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	416327	106.191	ug/l	100
52) Toluene	8.76	92	149820	20.046	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	82148	18.497	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	91241	18.910	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	62718	20.823	ug/l	100
56) Ethyl methacrylate	9.16	69	90694	19.903	ug/l	99
57) 1,3-Dichloropropane	9.35	76	105344	20.484	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	244912	101.452	ug/l	100
59) 2-Hexanone	9.47	43	315685	103.880	ug/l	99
60) Dibromochloromethane	9.56	129	59750	19.526	ug/l	98
61) 1,2-Dibromoethane	9.65	107	63777	19.941	ug/l	99
64) Tetrachloroethene	9.32	164	56648	21.094	ug/l	97
65) Chlorobenzene	10.12	112	154901	19.416	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	57292	19.951	ug/l	99
67) Ethyl Benzene	10.23	91	273620	19.321	ug/l	98
68) m/p-Xylenes	10.34	106	205261	38.465	ug/l	100
69) o-Xylene	10.68	106	98911	19.269	ug/l	98
70) Styrene	10.70	104	165623	19.116	ug/l	99
71) Bromoform	10.84	173	42289	18.720	ug/l #	99
73) Isopropylbenzene	11.00	105	265319	19.890	ug/l	100
74) N-amyl acetate	10.88	43	105826	19.796	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	96513	20.522	ug/l	97
76) 1,2,3-Trichloropropane	11.28	75	107442	24.535	ug/l	89
77) Bromobenzene	11.24	156	67688	19.828	ug/l	98
78) n-propylbenzene	11.34	91	300377	19.715	ug/l	99
79) 2-Chlorotoluene	11.40	91	185587	19.780	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	224312	19.924	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	26271	17.342	ug/l	95
82) 4-Chlorotoluene	11.49	91	216060	19.662	ug/l	99
83) tert-Butylbenzene	11.76	119	214132	19.393	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	227776	20.085	ug/l	99
85) sec-Butylbenzene	11.93	105	252172	20.004	ug/l	99
86) p-Isopropyltoluene	12.05	119	227615	19.701	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	118754	18.954	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	119903	18.789	ug/l	98
89) n-Butylbenzene	12.37	91	190420	18.603	ug/l	99
90) Hexachloroethane	12.58	117	37084	18.592	ug/l	96
91) 1,2-Dichlorobenzene	12.37	146	120976	19.807	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	19979	19.761	ug/l	95

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

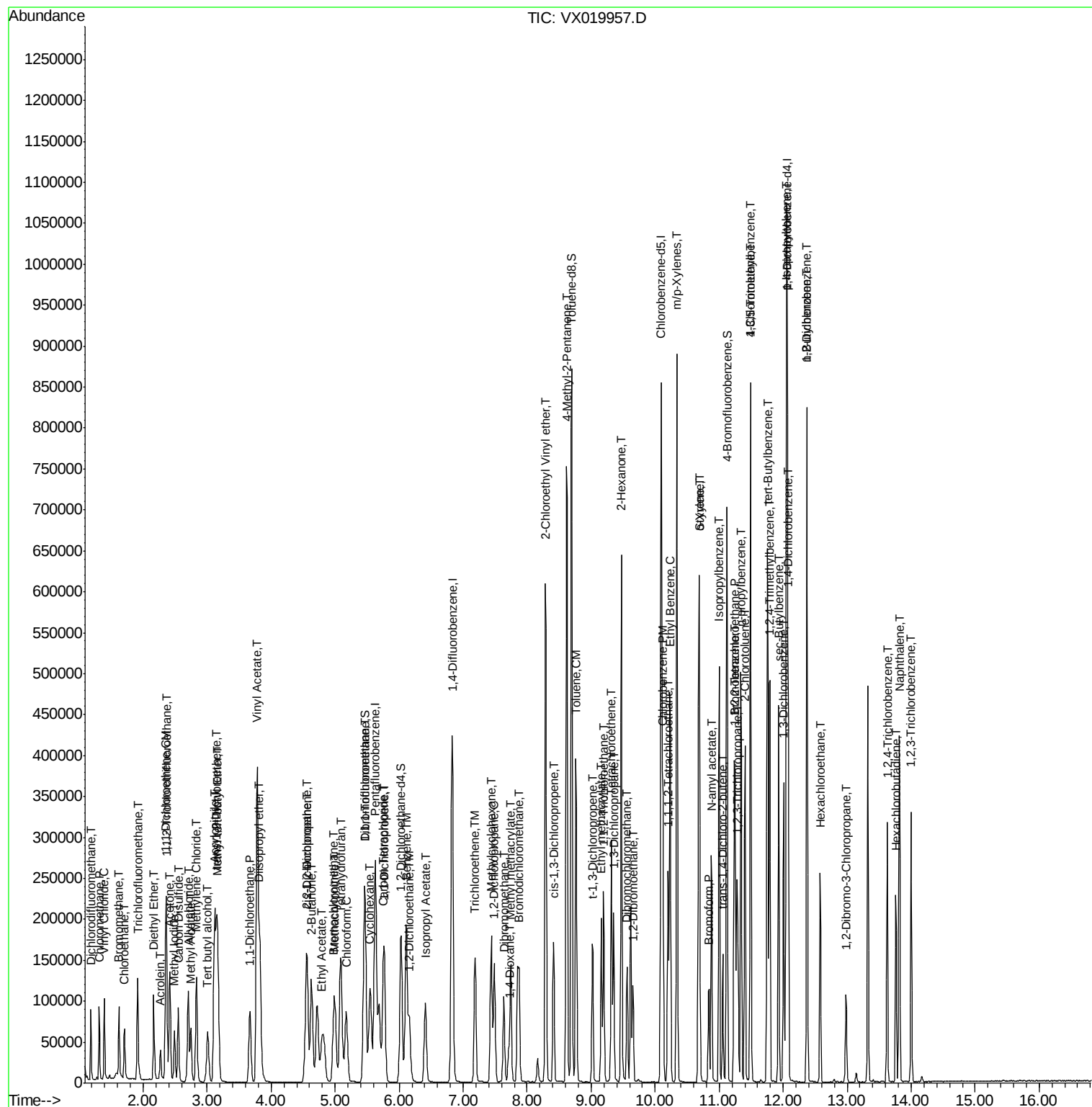
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	74033	18.621	ug/l	99
94) Hexachlorobutadiene	13.76	225	32111	18.070	ug/l	94
95) Naphthalene	13.82	128	257120	19.948	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	77232	19.877	ug/l	98

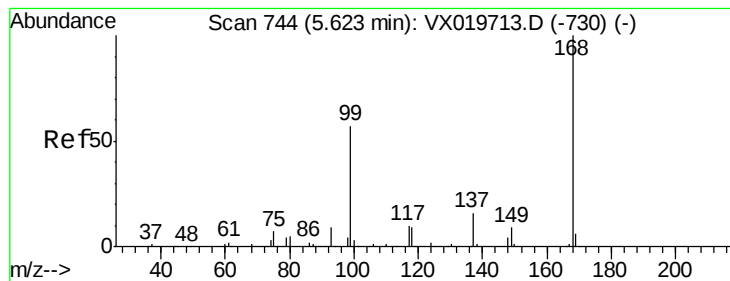
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Quant Title : SW846 8260
QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.01 min

Lab File: VX019957.D

Acq: 13 Dec 2020 01:42

Instrument :

MSVOA_X

ClientSampleId :

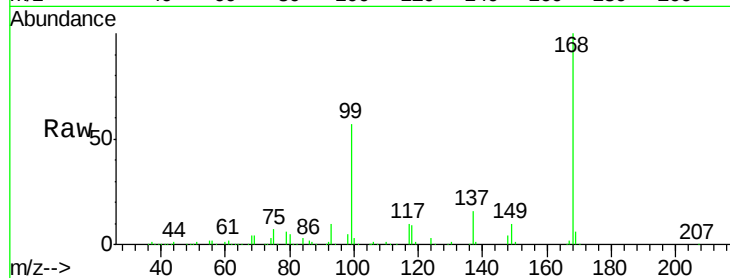
VX1212WBSD02

Tgt Ion:168 Resp: 260890

Ion Ratio Lower Upper

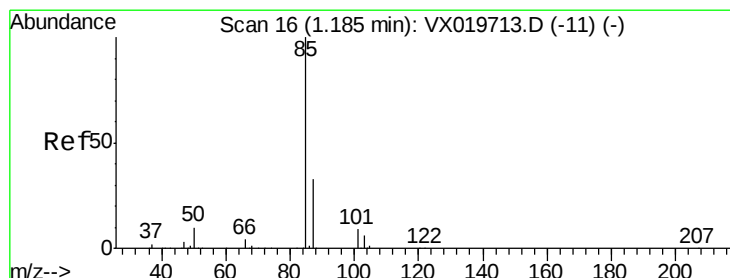
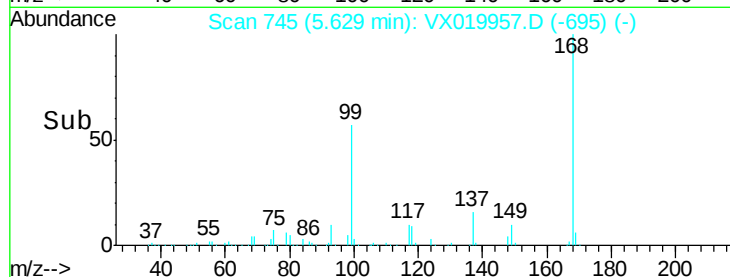
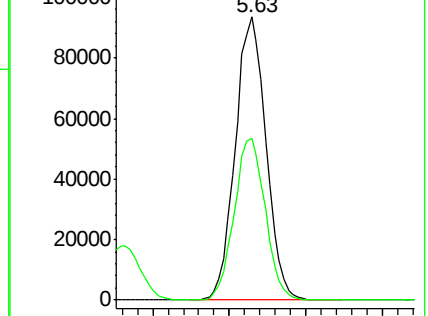
168 100

99 57.0 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 17.987 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019957.D

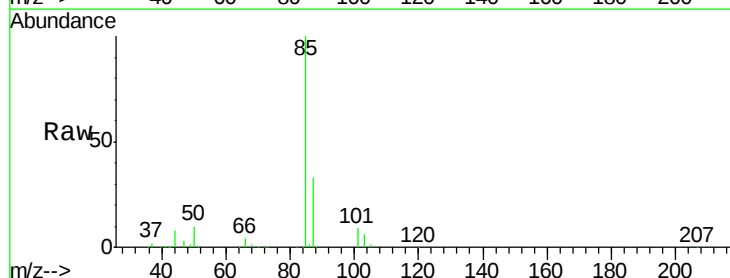
Acq: 13 Dec 2020 01:42

Tgt Ion: 85 Resp: 42962

Ion Ratio Lower Upper

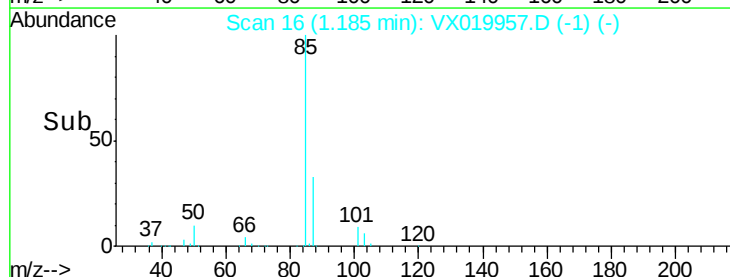
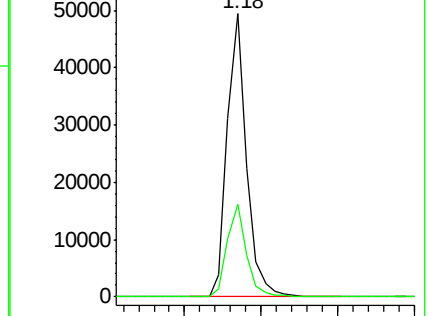
85 100

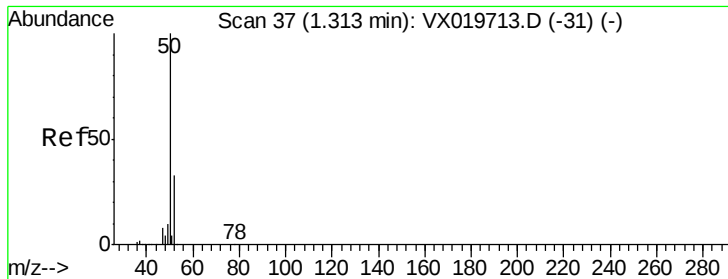
87 32.9 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 17.601 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019957.D

Acq: 13 Dec 2020 01:42

Instrument :

MSVOA_X

ClientSampleId :

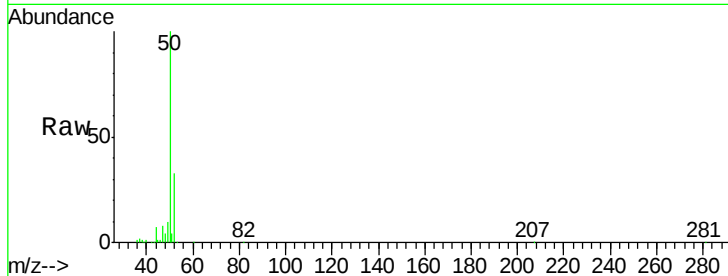
VX1212WBSD02

Tgt Ion: 50 Resp: 49441

Ion Ratio Lower Upper

50 100

52 33.5 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

60000

50000

40000

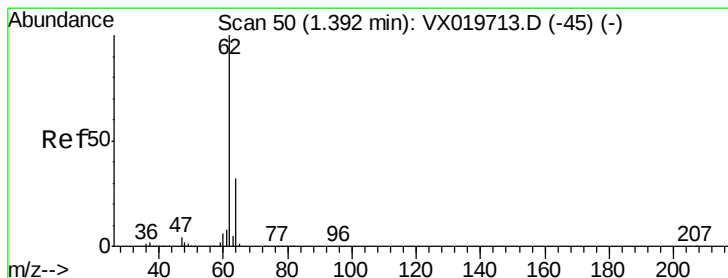
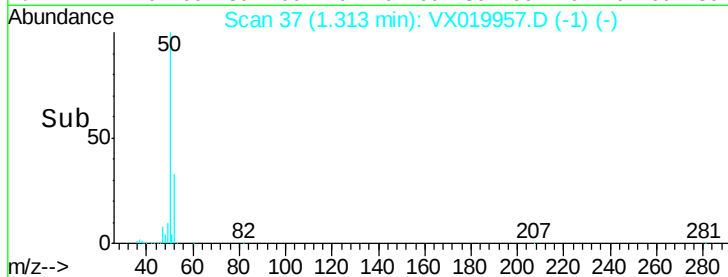
30000

20000

10000

0

Time--> 1.25 1.30 1.35



#4

Vinyl Chloride

Concen: 19.145 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019957.D

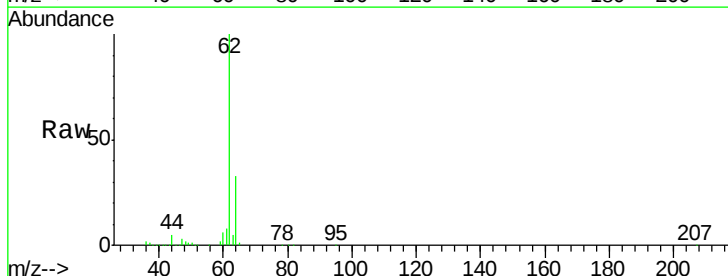
Acq: 13 Dec 2020 01:42

Tgt Ion: 62 Resp: 56706

Ion Ratio Lower Upper

62 100

64 32.6 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

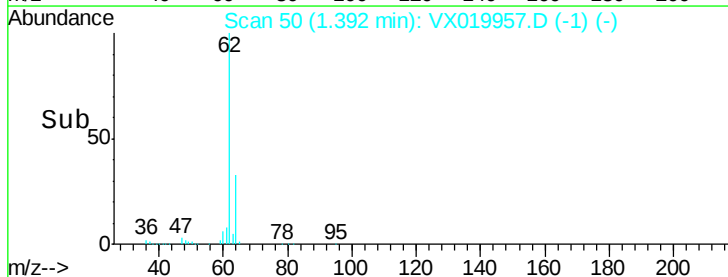
60000

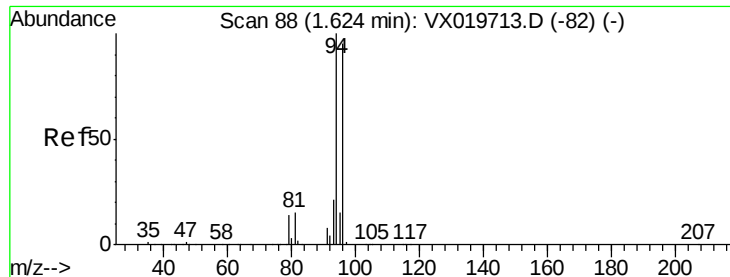
40000

20000

0

Time--> 1.35 1.40 1.45





#5

Bromomethane

Concen: 30.845 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX019957.D

Acq: 13 Dec 2020 01:42

Instrument :

MSVOA_X

ClientSampleId :

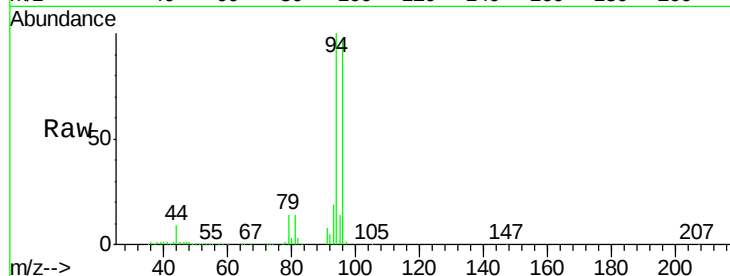
VX1212WBSD02

Tgt Ion: 94 Resp: 30336

Ion Ratio Lower Upper

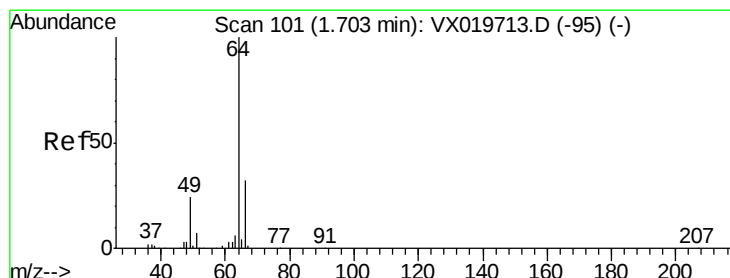
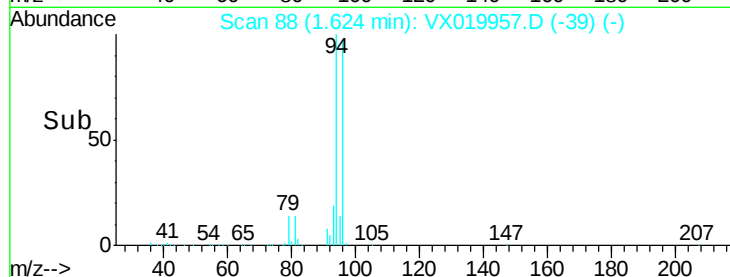
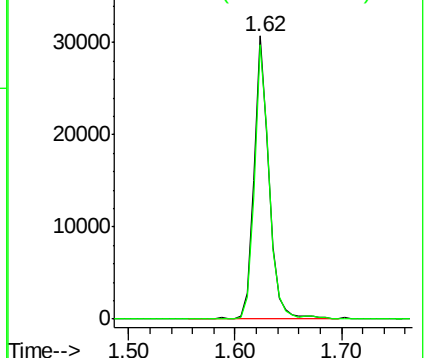
94 100

96 97.0 76.4 114.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 21.291 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX019957.D

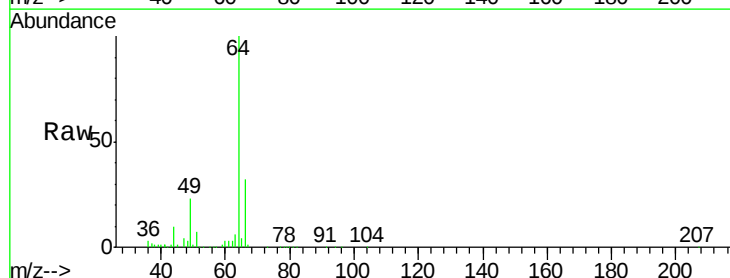
Acq: 13 Dec 2020 01:42

Tgt Ion: 64 Resp: 37883

Ion Ratio Lower Upper

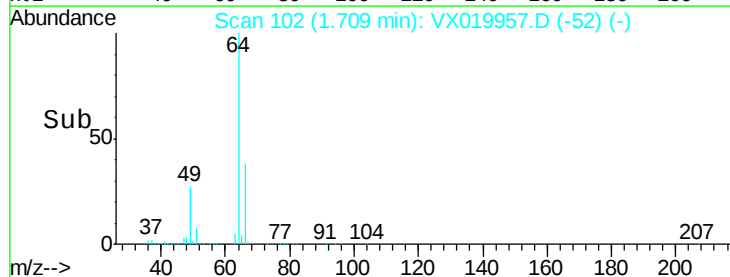
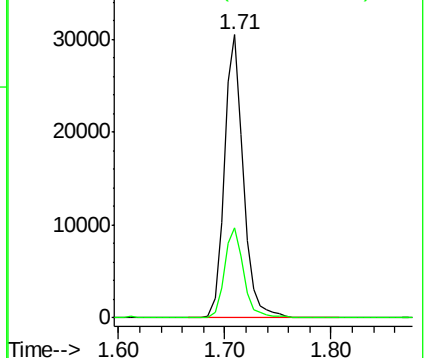
64 100

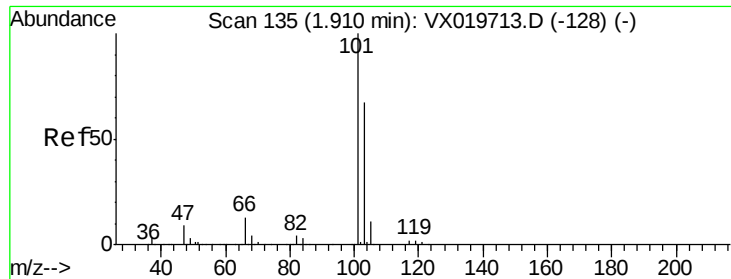
66 32.0 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



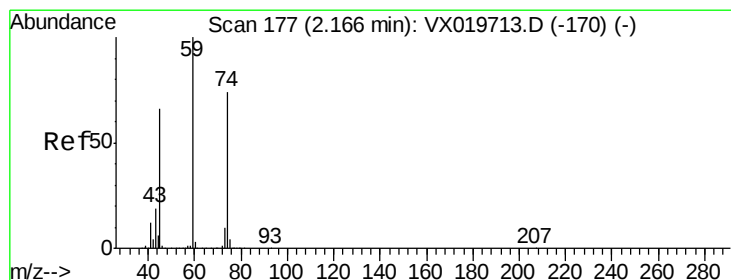
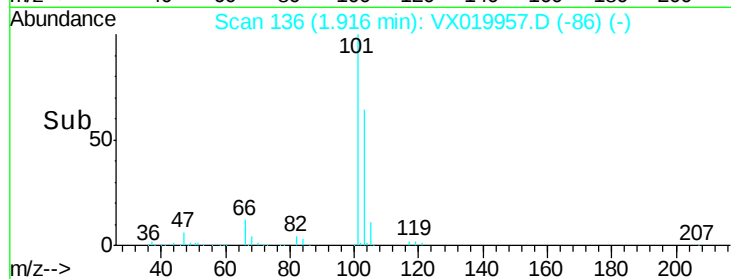
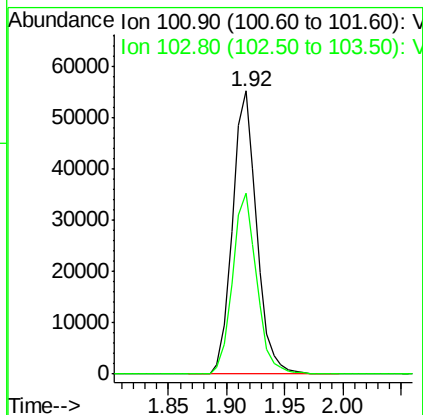
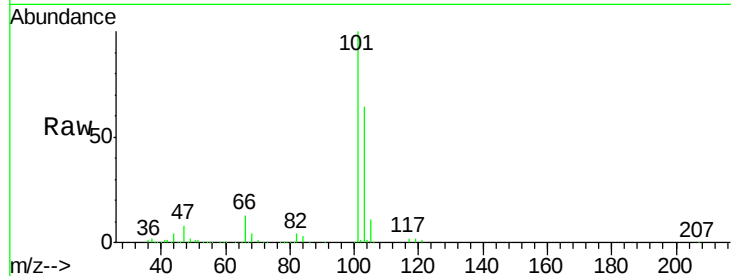


#7

Trichlorofluoromethane
 Concen: 19.373 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. 0.01 min
 Lab File: VX019957.D
 Acq: 13 Dec 2020 01:42

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 VX1212WBSD02

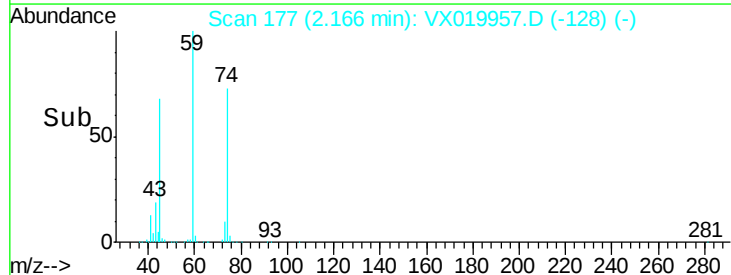
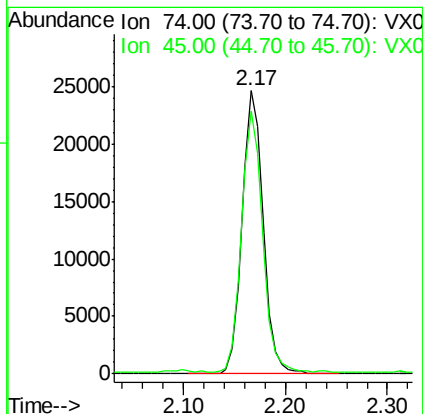
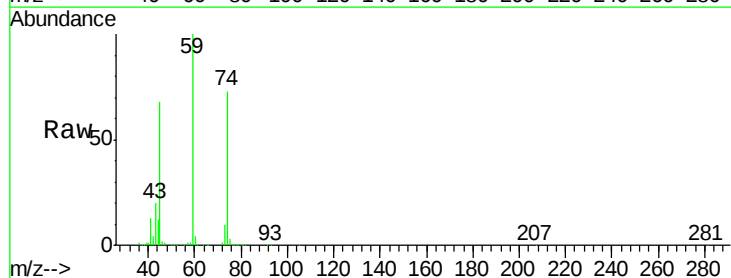
Tgt Ion:101 Resp: 79914
 Ion Ratio Lower Upper
 101 100
 103 63.9 53.2 79.8

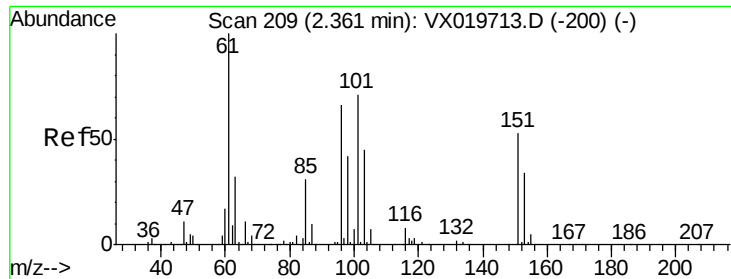


#8

Diethyl Ether
 Concen: 20.108 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX019957.D
 Acq: 13 Dec 2020 01:42

Tgt Ion: 74 Resp: 35149
 Ion Ratio Lower Upper
 74 100
 45 91.6 44.5 133.5

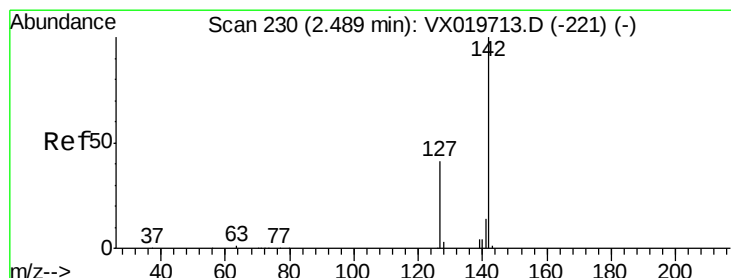
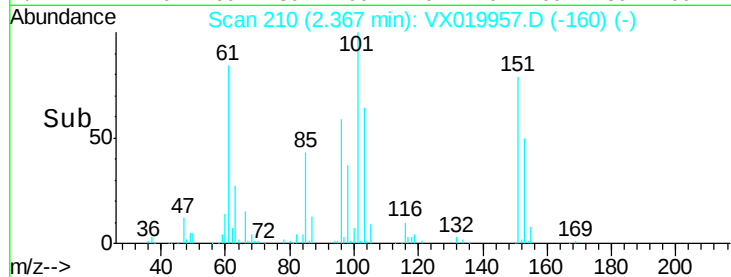
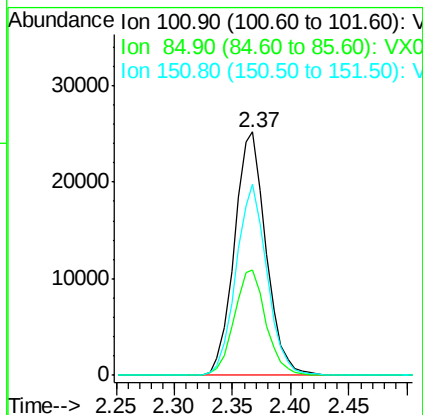
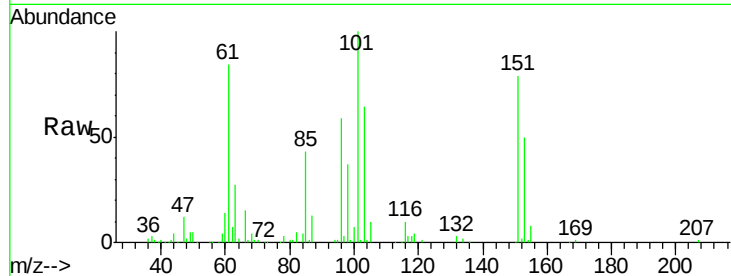




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.167 ug/l
 RT: 2.37 min Scan# 210
 Delta R.T. 0.01 min
 Lab File: VX019957.D
 Acq: 13 Dec 2020 01:42

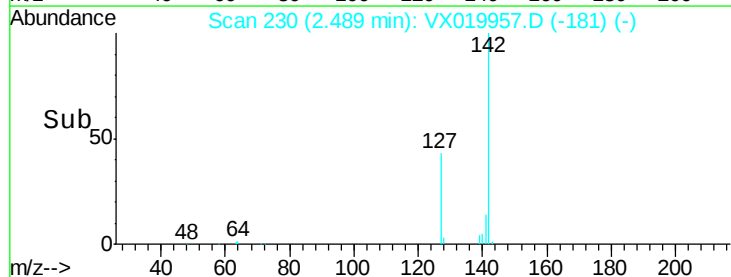
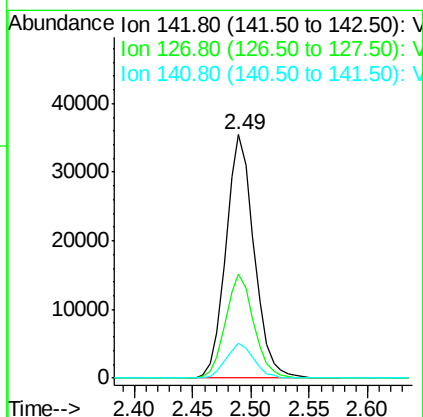
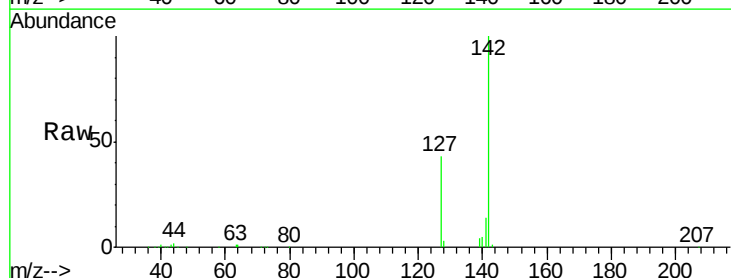
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBSD02

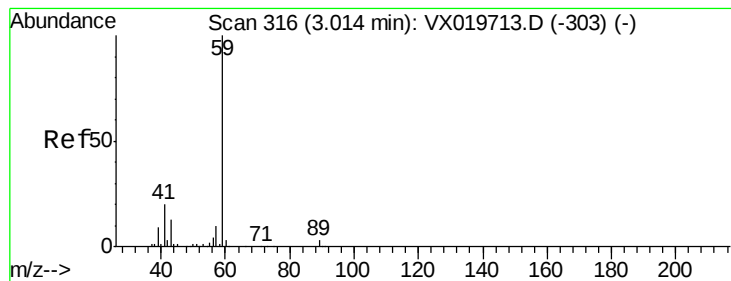
Tgt Ion:101 Resp: 47681
 Ion Ratio Lower Upper
 101 100
 85 43.4 34.9 52.3
 151 77.0 61.4 92.2



#10
 Methyl Iodide
 Concen: 17.078 ug/l
 RT: 2.49 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VX019957.D
 Acq: 13 Dec 2020 01:42

Tgt Ion:142 Resp: 59517
 Ion Ratio Lower Upper
 142 100
 127 43.0 33.3 49.9
 141 14.2 11.4 17.0



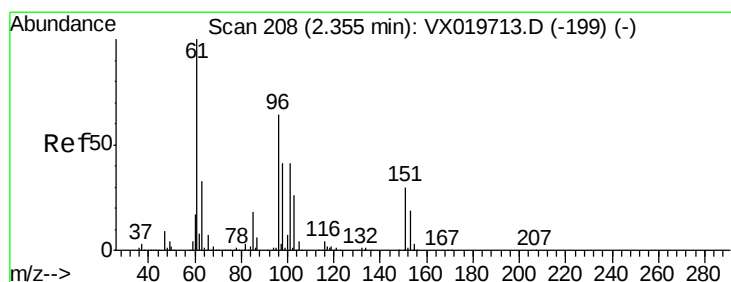
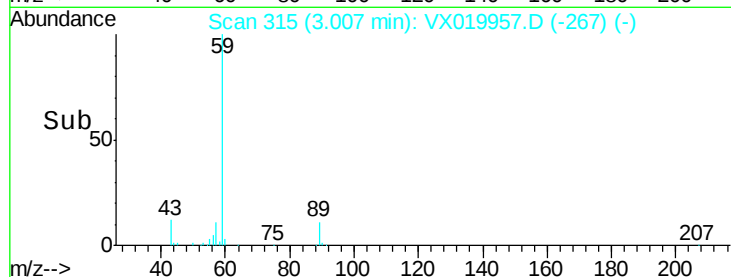
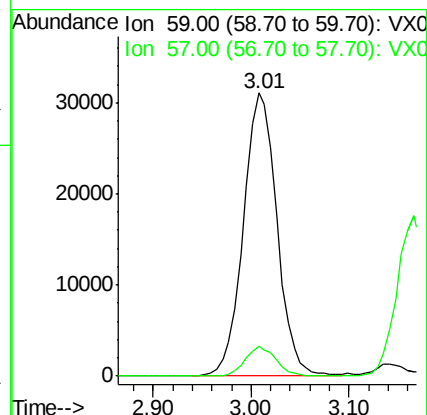
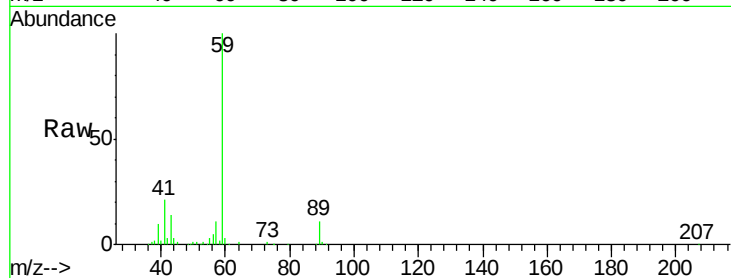


#11

Tert butyl alcohol
 Concen: 103.545 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX019957.D
 Acq: 13 Dec 2020 01:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBSD02

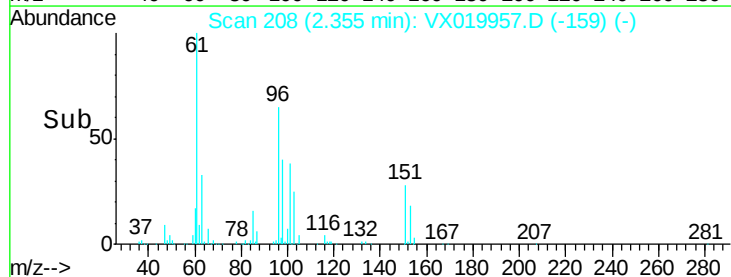
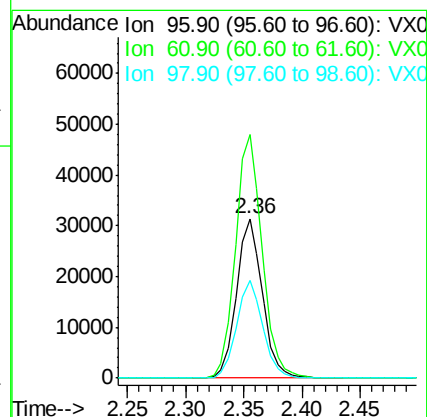
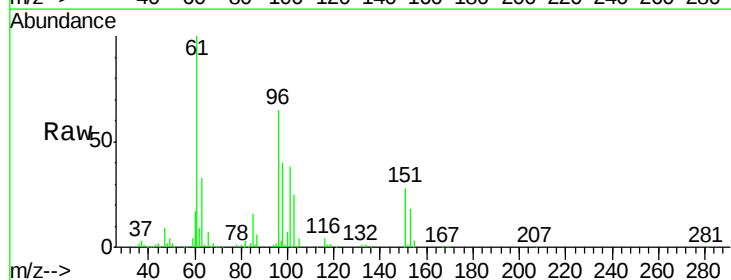
Tgt Ion: 59 Resp: 74070
 Ion Ratio Lower Upper
 59 100
 57 9.7 7.8 11.8

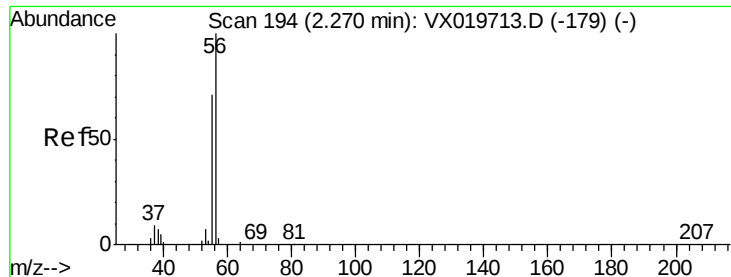


#12

1,1-Dichloroethene
 Concen: 20.357 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX019957.D
 Acq: 13 Dec 2020 01:42

Tgt Ion: 96 Resp: 48660
 Ion Ratio Lower Upper
 96 100
 61 152.9 124.6 187.0
 98 61.3 50.6 76.0





#13

Acrolein

Concen: 67.982 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX019957.D

Acq: 13 Dec 2020 01:42

Instrument :

MSVOA_X

ClientSampleId :

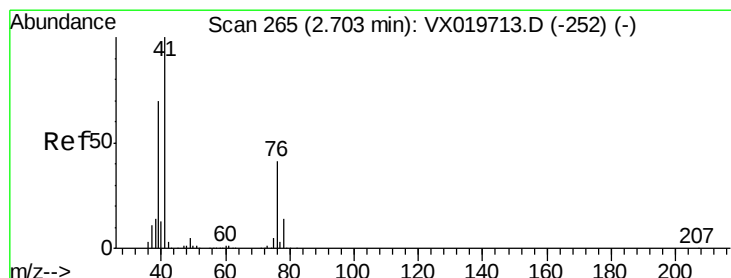
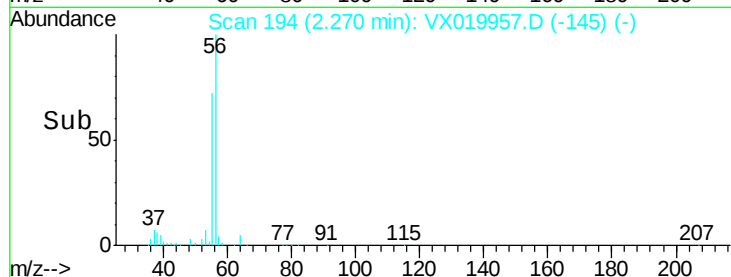
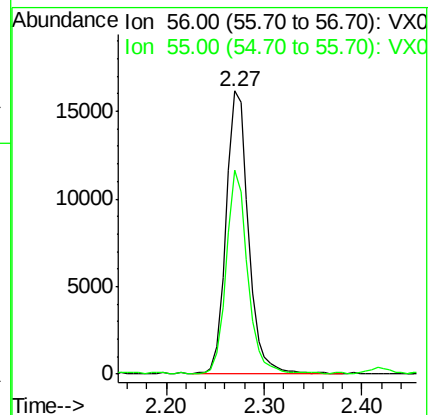
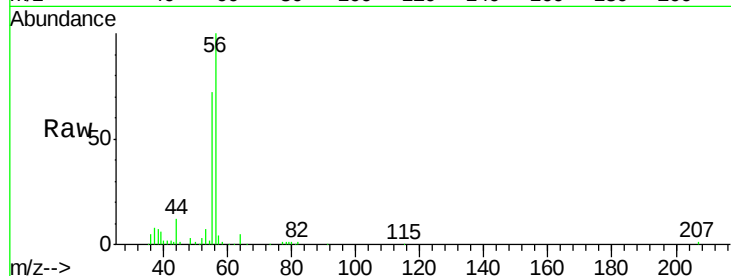
VX1212WBSD02

Tgt Ion: 56 Resp: 25730

Ion Ratio Lower Upper

56 100

55 69.4 56.4 84.6



#14

Allyl chloride

Concen: 19.550 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.01 min

Lab File: VX019957.D

Acq: 13 Dec 2020 01:42

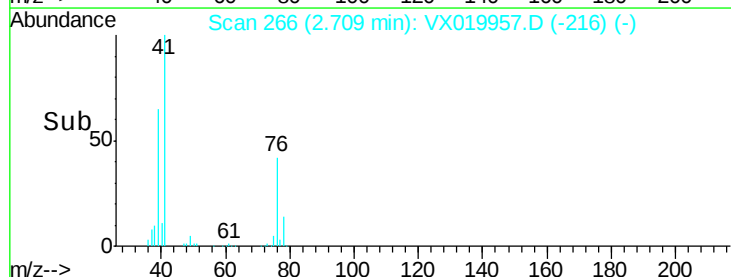
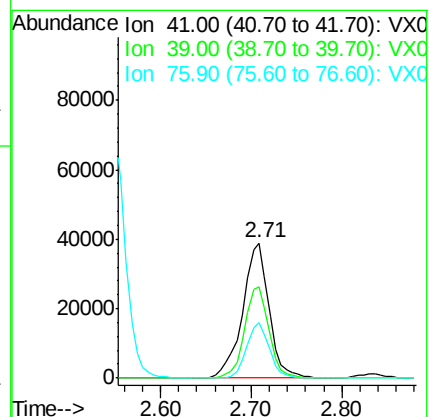
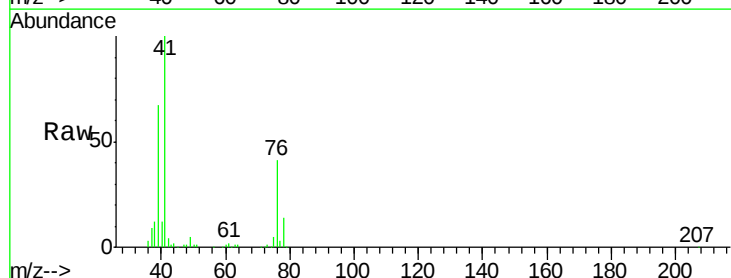
Tgt Ion: 41 Resp: 78923

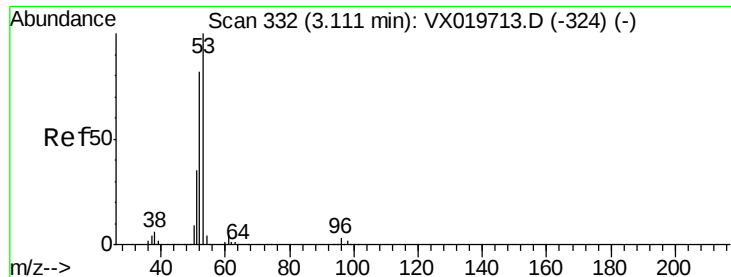
Ion Ratio Lower Upper

41 100

39 62.1 51.6 77.4

76 35.1 30.5 45.7





#15

Acrylonitrile

Concen: 108.406 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.00 min

Lab File: VX019957.D

Acq: 13 Dec 2020 01:42

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBSD02

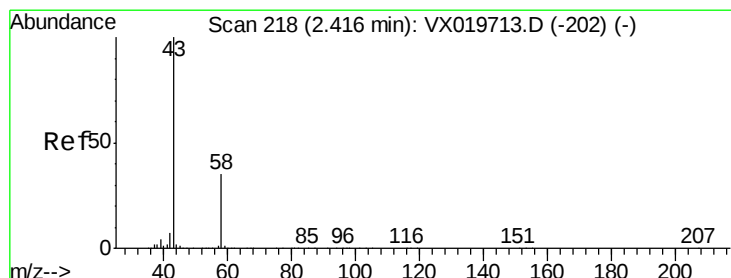
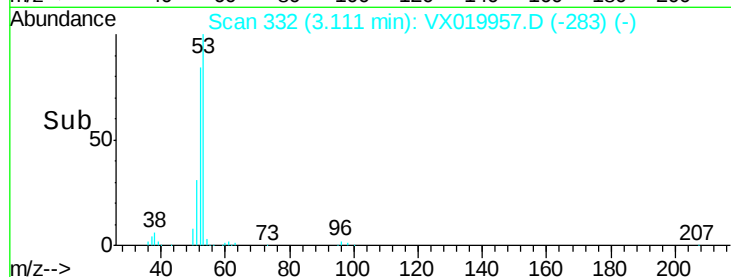
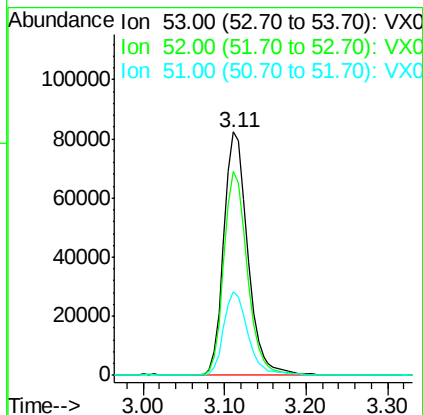
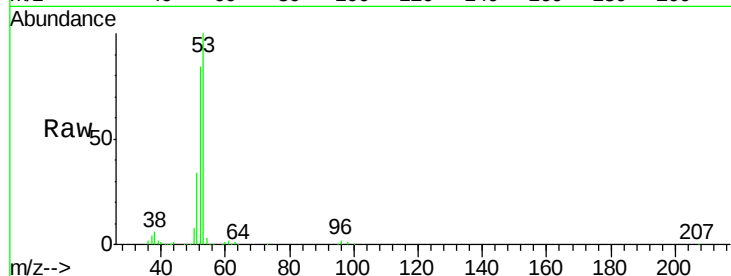
Tgt Ion: 53 Resp: 168040

Ion Ratio Lower Upper

53 100

52 82.3 65.3 97.9

51 35.3 28.2 42.2



#16

Acetone

Concen: 104.260 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX019957.D

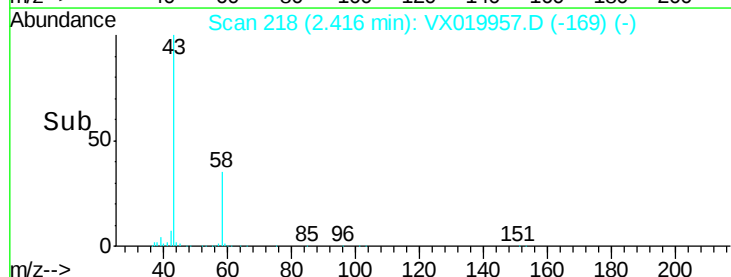
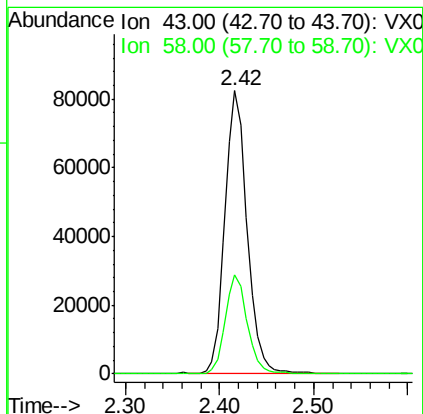
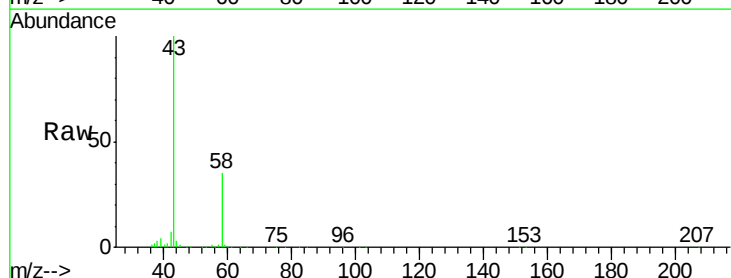
Acq: 13 Dec 2020 01:42

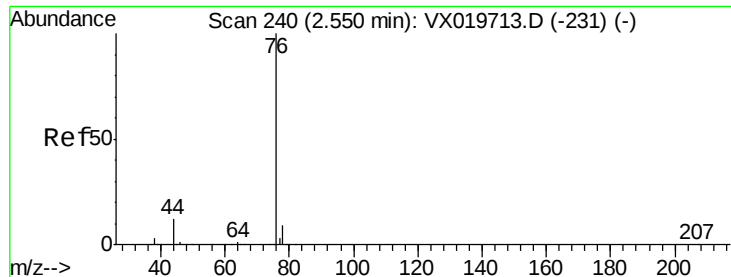
Tgt Ion: 43 Resp: 134373

Ion Ratio Lower Upper

43 100

58 35.3 27.8 41.8

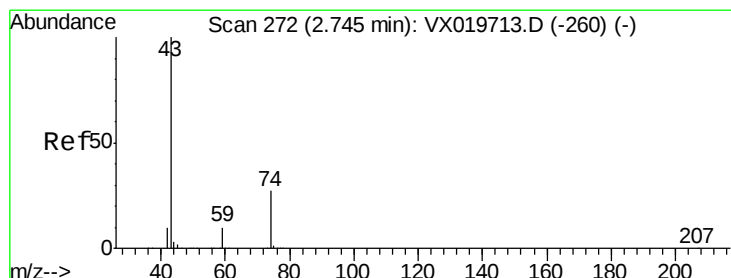
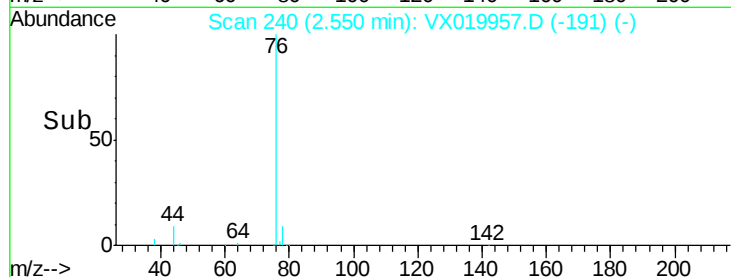
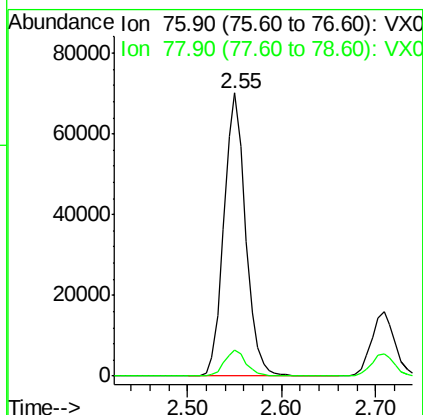
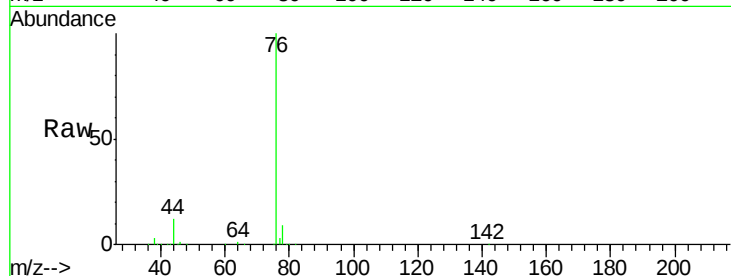




#17
Carbon Disulfide
Concen: 16.319 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX019957.D
Acq: 13 Dec 2020 01:42

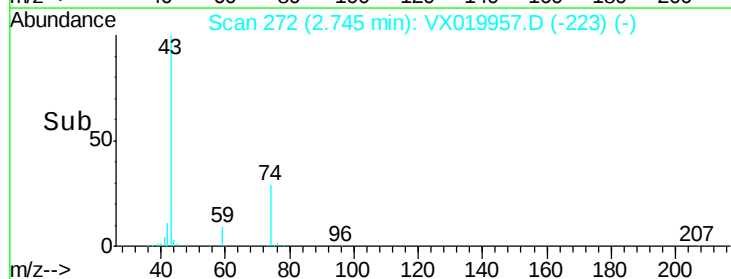
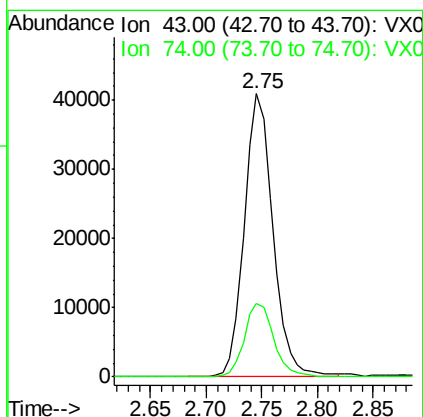
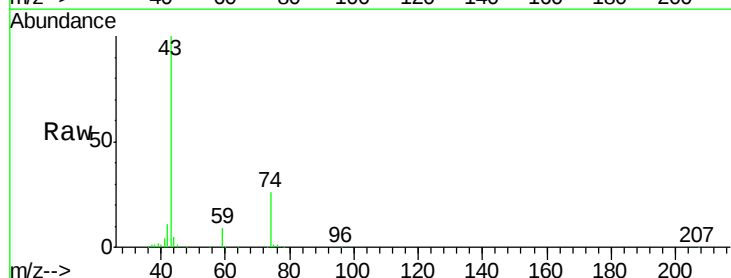
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD02

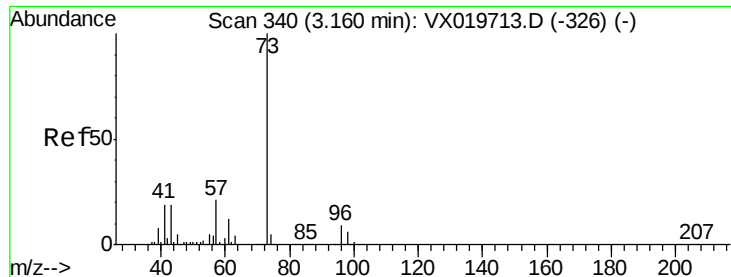
Tgt Ion: 76 Resp: 111923
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8



#18
Methyl Acetate
Concen: 23.067 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX019957.D
Acq: 13 Dec 2020 01:42

Tgt Ion: 43 Resp: 72751
Ion Ratio Lower Upper
43 100
74 27.3 21.9 32.9



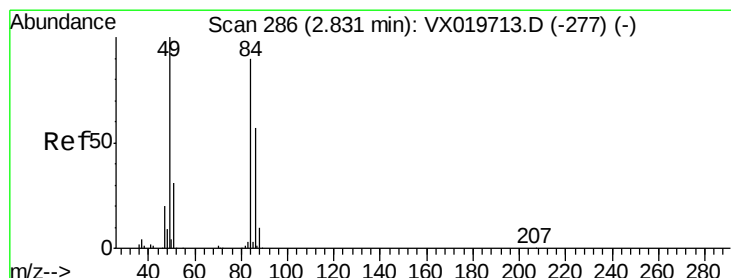
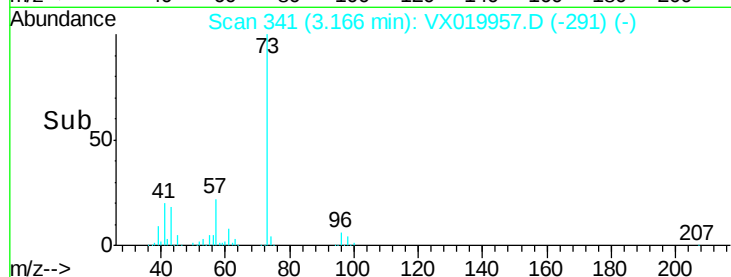
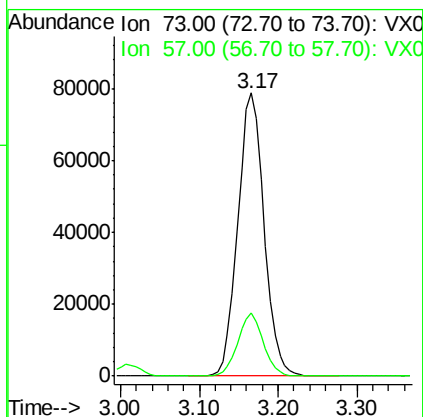
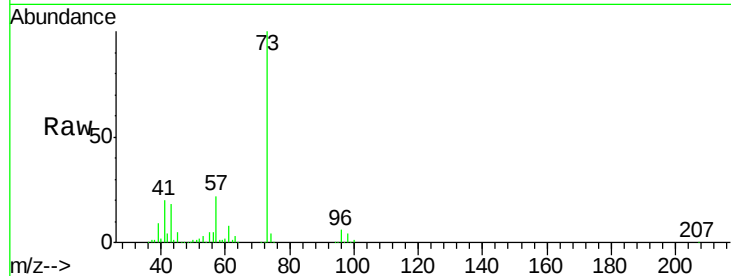


#19

Methyl tert-butyl Ether
 Concen: 20.943 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.01 min
 Lab File: VX019957.D
 Acq: 13 Dec 2020 01:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBSD02

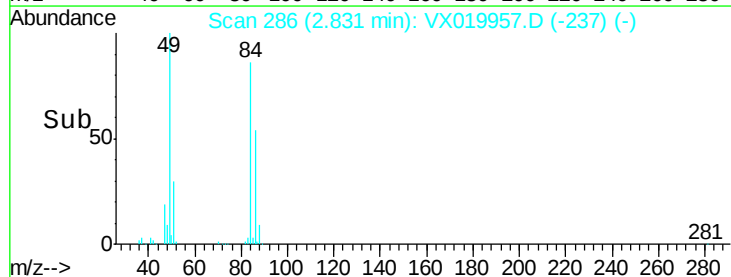
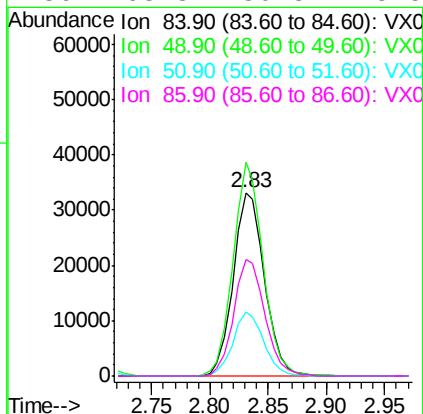
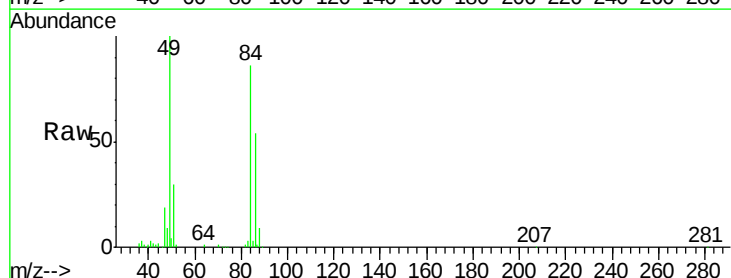
Tgt Ion: 73 Resp: 182313
 Ion Ratio Lower Upper
 73 100
 57 22.3 17.1 25.7

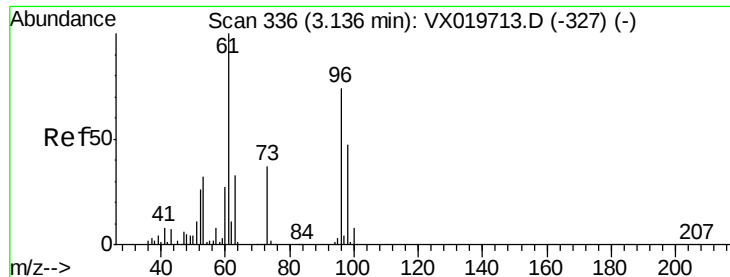


#20

Methylene Chloride
 Concen: 20.135 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. 0.00 min
 Lab File: VX019957.D
 Acq: 13 Dec 2020 01:42

Tgt Ion: 84 Resp: 61744
 Ion Ratio Lower Upper
 84 100
 49 116.6 88.6 132.8
 51 34.9 27.0 40.6
 86 63.3 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 19.535 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.01 min

Lab File: VX019957.D

Acq: 13 Dec 2020 01:42

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBSD02

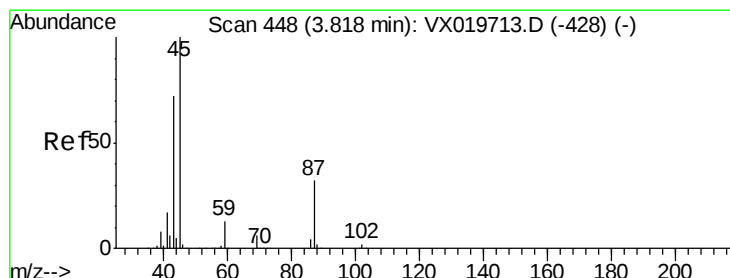
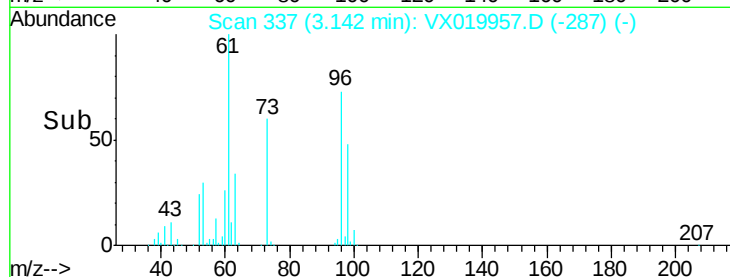
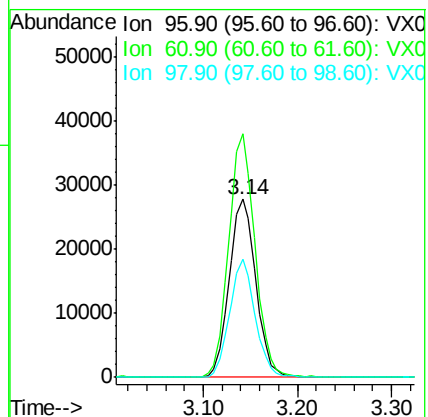
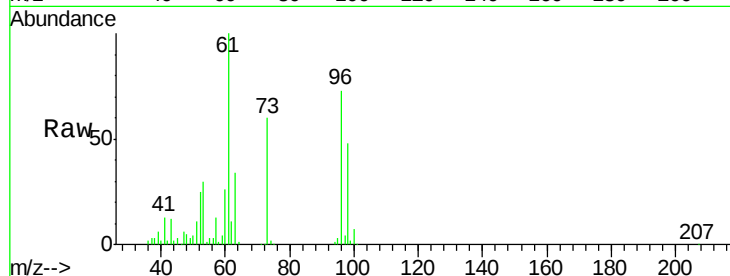
Tgt Ion: 96 Resp: 54440

Ion Ratio Lower Upper

96 100

61 136.7 107.7 161.5

98 66.1 50.4 75.6



#22

Diisopropyl ether

Concen: 21.699 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.00 min

Lab File: VX019957.D

Acq: 13 Dec 2020 01:42

Tgt Ion: 45 Resp: 177113

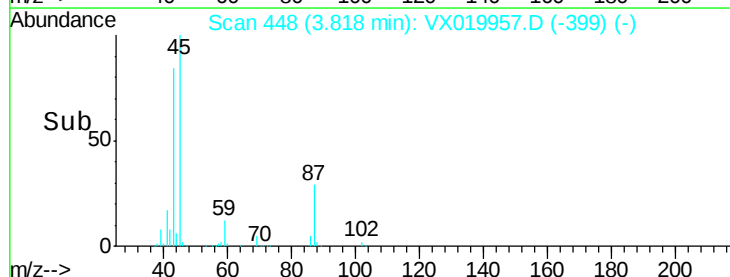
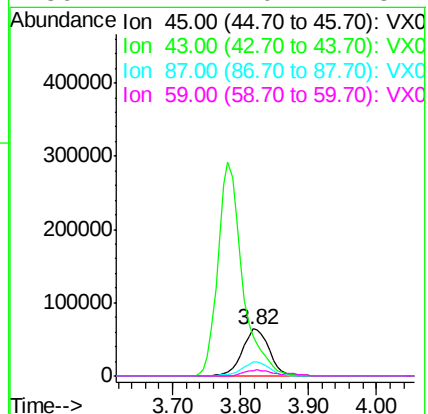
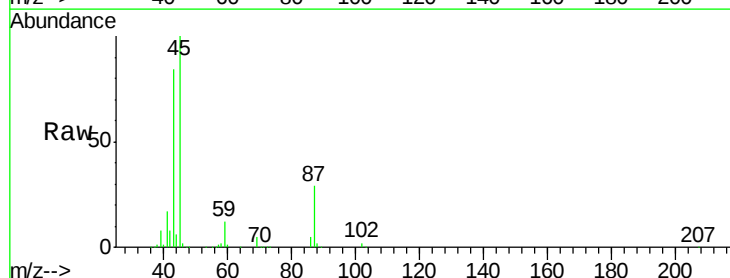
Ion Ratio Lower Upper

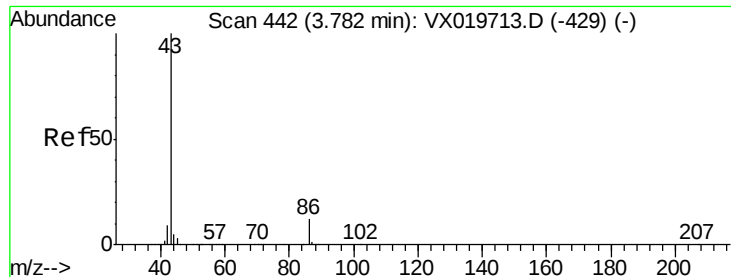
45 100

43 83.8 58.0 87.0

87 29.0 25.4 38.0

59 12.2 10.2 15.2

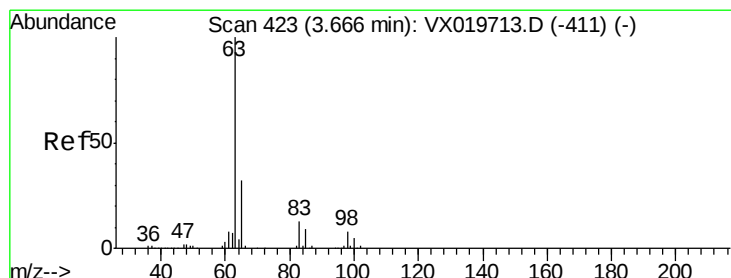
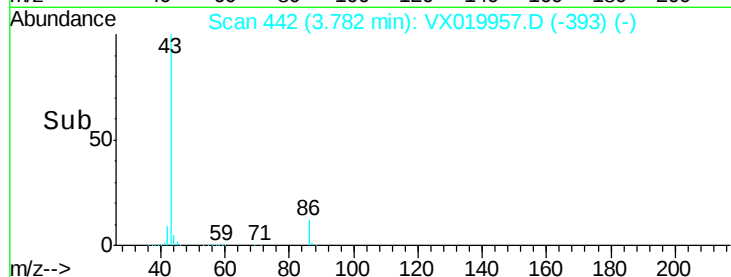
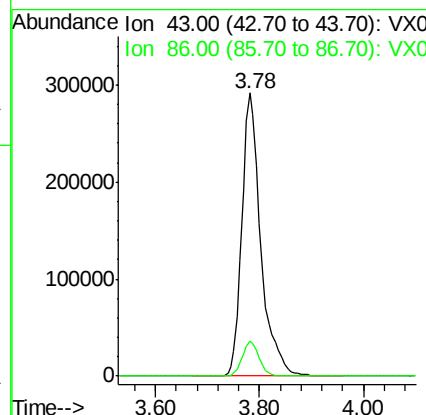
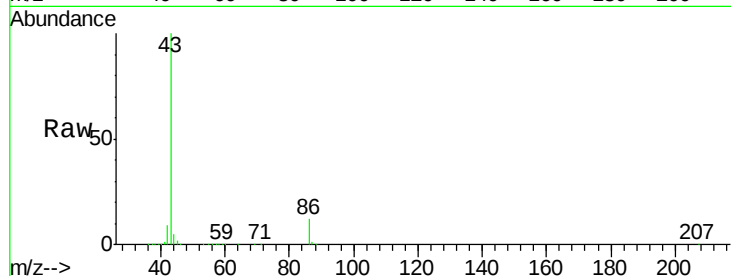




#23
 Vinyl Acetate
 Concen: 105.347 ug/l
 RT: 3.78 min Scan# 442
 Delta R.T. -0.00 min
 Lab File: VX019957.D
 Acq: 13 Dec 2020 01:42

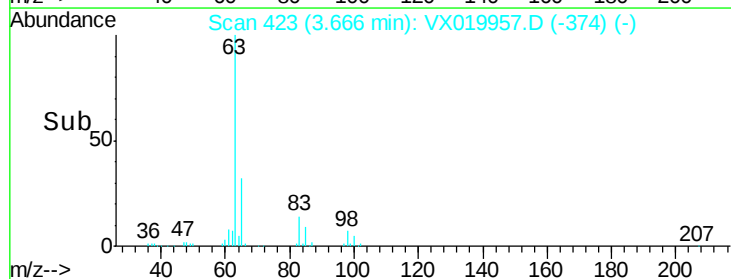
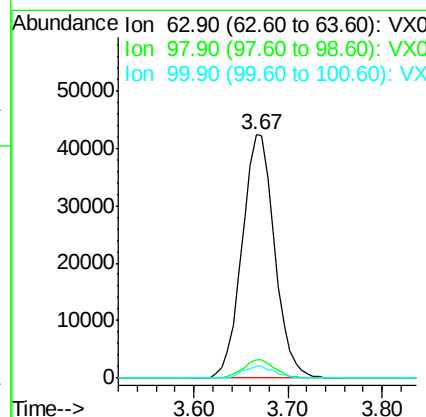
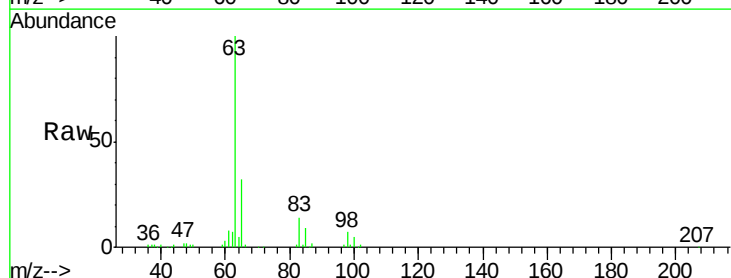
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBSD02

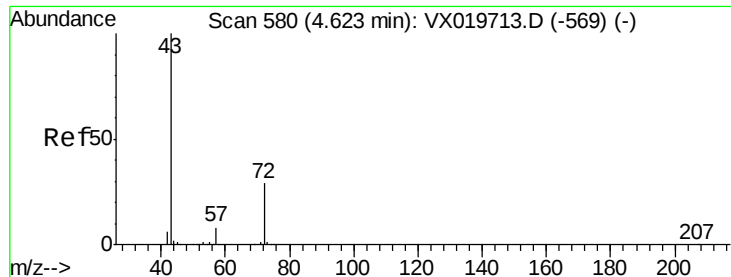
Tgt Ion: 43 Resp: 732572
 Ion Ratio Lower Upper
 43 100
 86 12.2 9.9 14.9



#24
 1,1-Dichloroethane
 Concen: 20.775 ug/l
 RT: 3.67 min Scan# 423
 Delta R.T. -0.00 min
 Lab File: VX019957.D
 Acq: 13 Dec 2020 01:42

Tgt Ion: 63 Resp: 102255
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.8 11.2
 100 4.7 2.5 7.5





#25

2-Butanone

Concen: 106.778 ug/l

RT: 4.63 min Scan# 581

Delta R.T. 0.01 min

Lab File: VX019957.D

Acq: 13 Dec 2020 01:42

Instrument :

MSVOA_X

ClientSampleId :

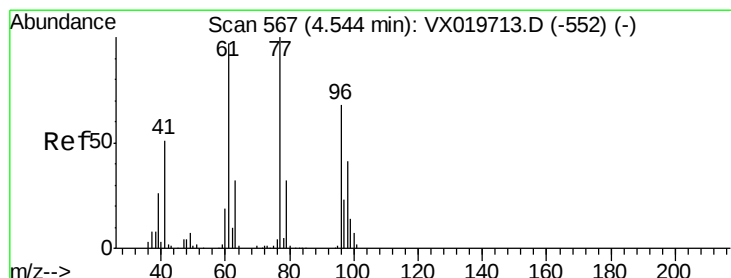
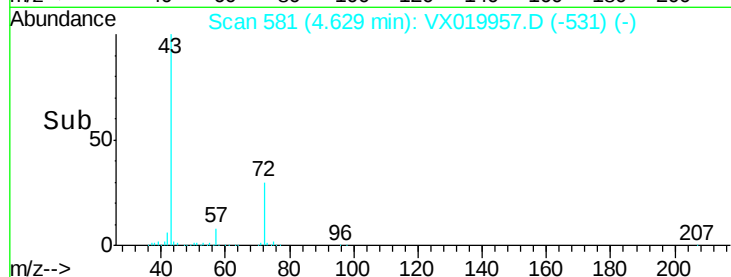
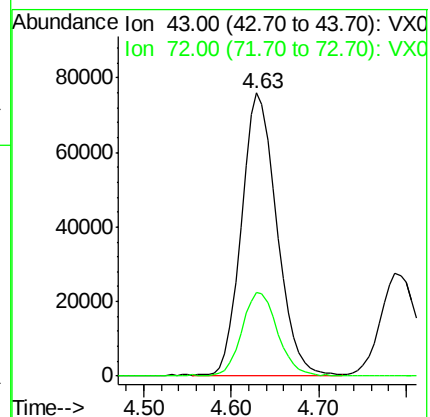
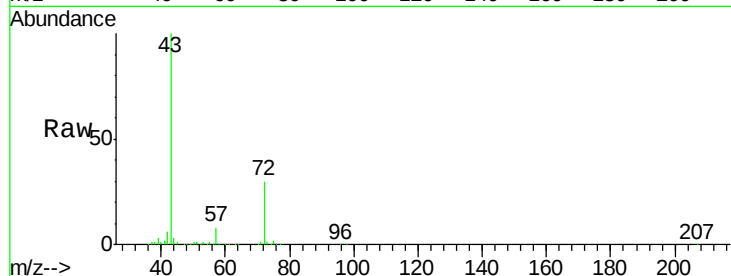
VX1212WBSD02

Tgt Ion: 43 Resp: 211463

Ion Ratio Lower Upper

43 100

72 29.6 23.7 35.5



#26

2,2-Dichloropropane

Concen: 15.960 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.01 min

Lab File: VX019957.D

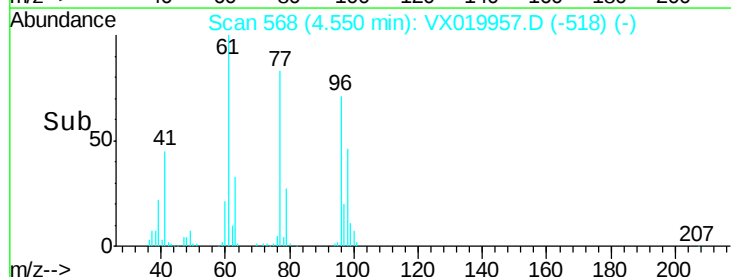
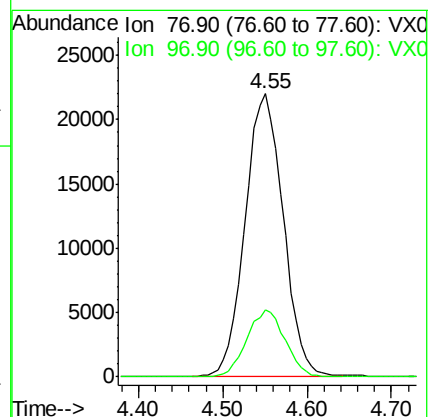
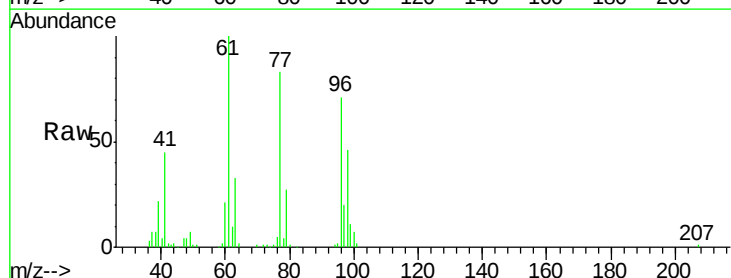
Acq: 13 Dec 2020 01:42

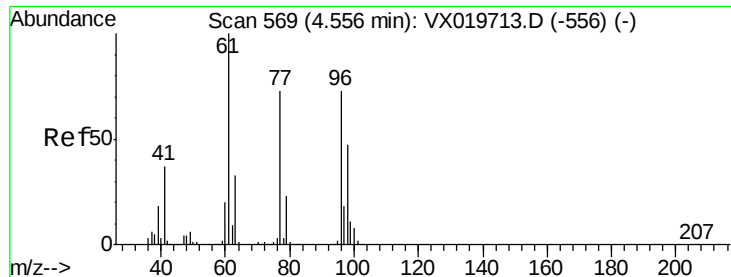
Tgt Ion: 77 Resp: 67651

Ion Ratio Lower Upper

77 100

97 23.7 11.7 35.1

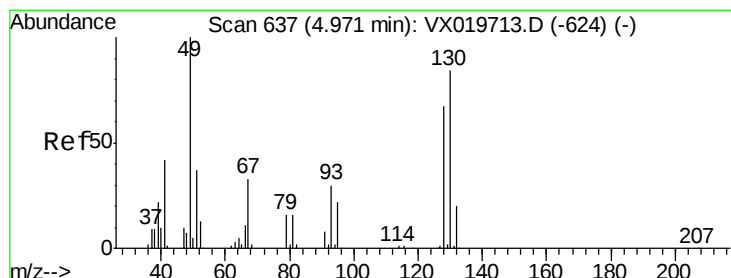
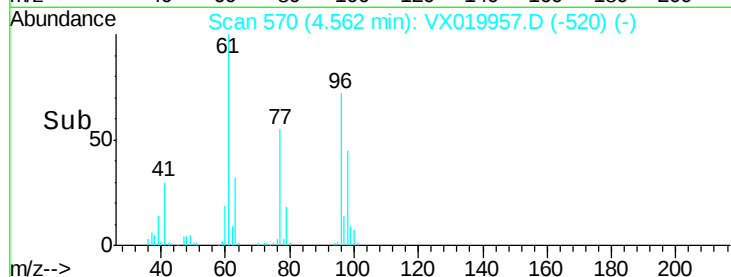
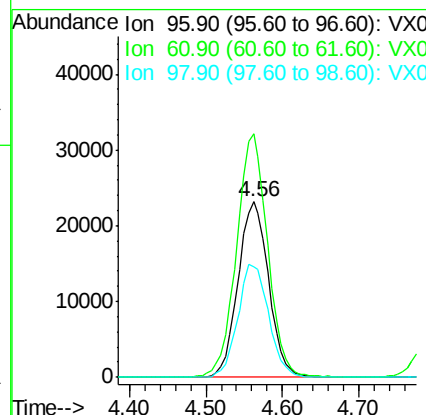
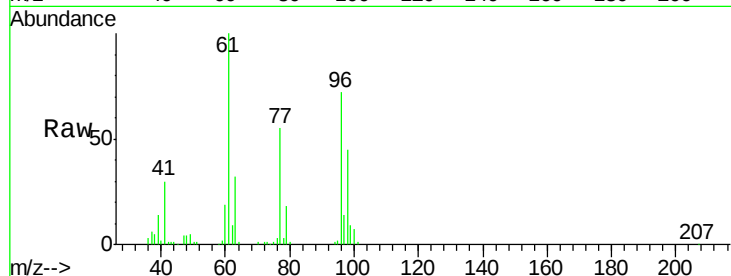




#27
 cis-1,2-Dichloroethene
 Concen: 19.667 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. 0.01 min
 Lab File: VX019957.D
 Acq: 13 Dec 2020 01:42

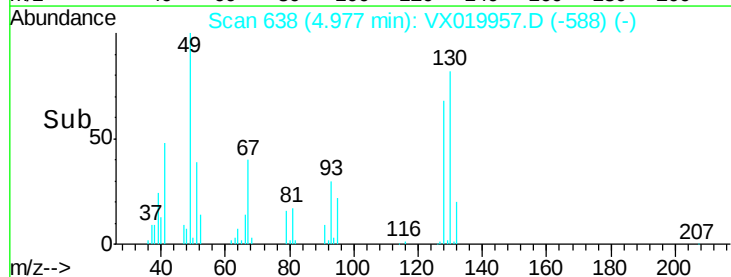
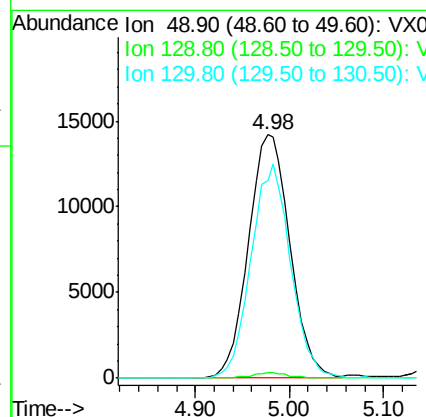
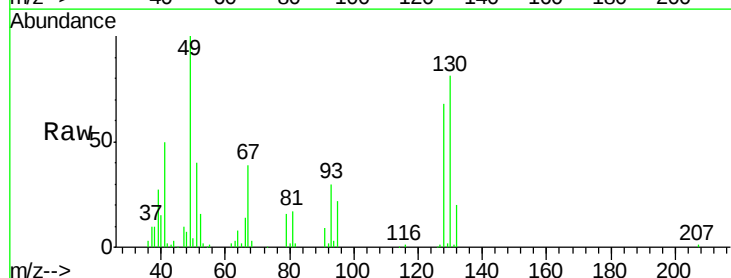
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBSD02

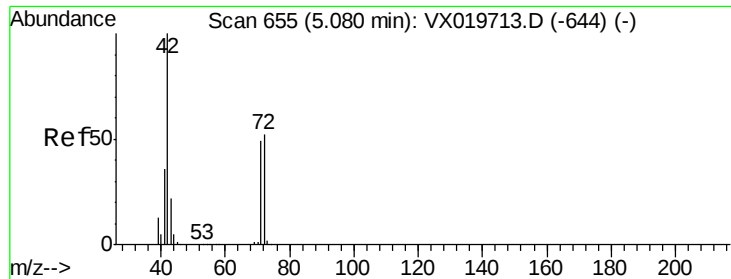
Tgt Ion: 96 Resp: 64138
 Ion Ratio Lower Upper
 96 100
 61 141.5 0.0 285.6
 98 65.0 0.0 129.6



#28
 Bromochloromethane
 Concen: 18.734 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. 0.01 min
 Lab File: VX019957.D
 Acq: 13 Dec 2020 01:42

Tgt Ion: 49 Resp: 43957
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.0
 130 83.6 68.2 102.2

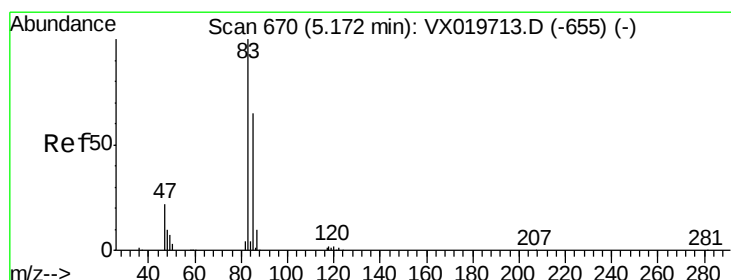
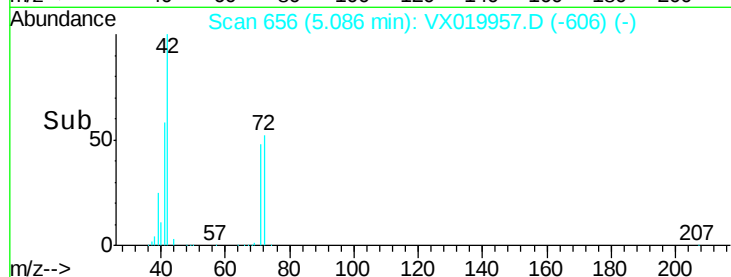
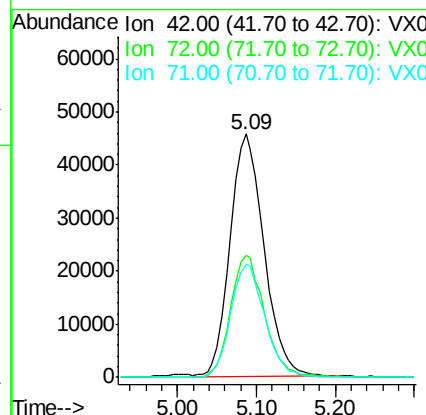
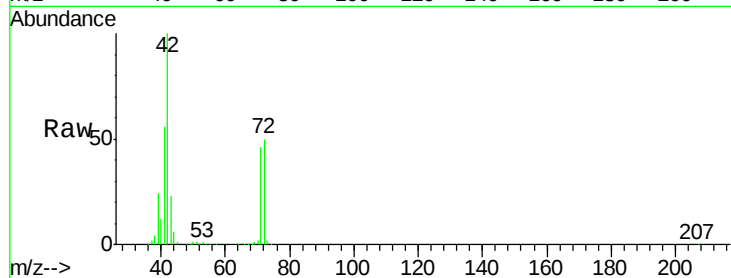




#29
Tetrahydrofuran
Concen: 107.211 ug/l
RT: 5.09 min Scan# 656
Delta R.T. 0.01 min
Lab File: VX019957.D
Acq: 13 Dec 2020 01:42

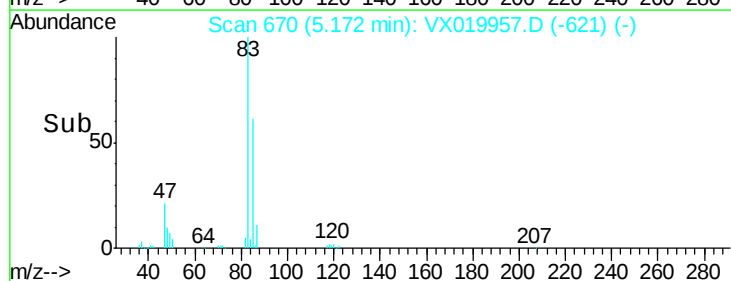
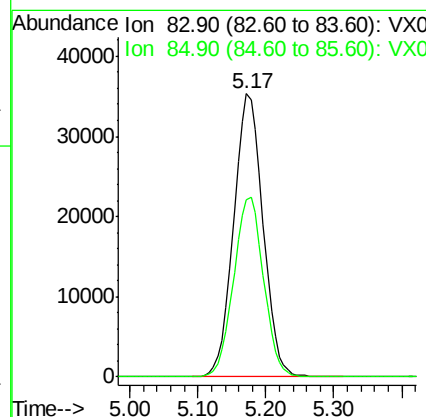
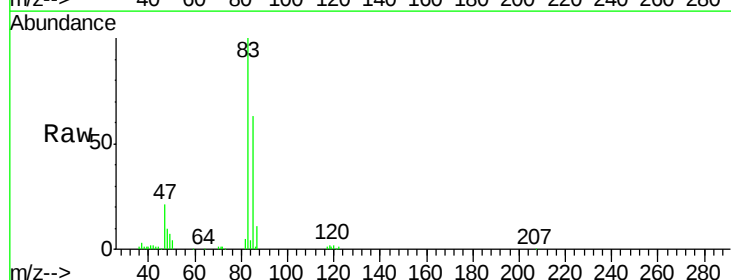
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD02

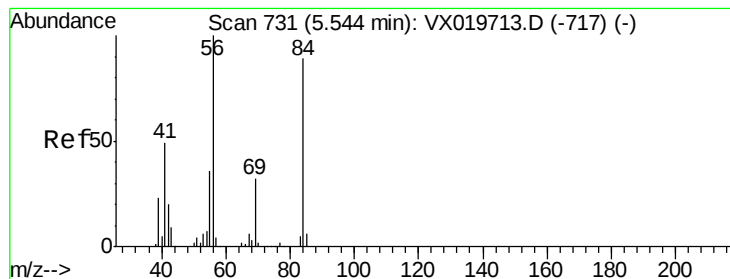
Tgt Ion: 42 Resp: 136796
Ion Ratio Lower Upper
42 100
72 50.9 41.7 62.5
71 47.2 38.4 57.6



#30
Chloroform
Concen: 20.878 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.00 min
Lab File: VX019957.D
Acq: 13 Dec 2020 01:42

Tgt Ion: 83 Resp: 105667
Ion Ratio Lower Upper
83 100
85 62.8 52.0 78.0





#31

Cyclohexane

Concen: 19.123 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.00 min

Lab File: VX019957.D

Acq: 13 Dec 2020 01:42

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBSD02

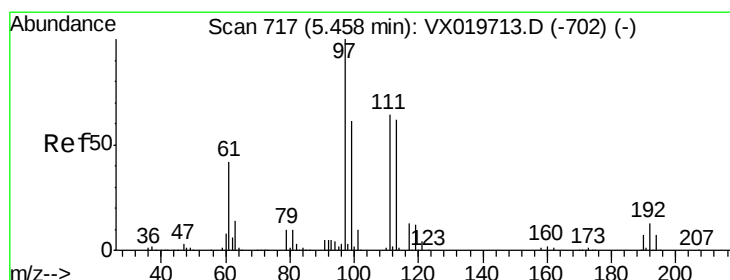
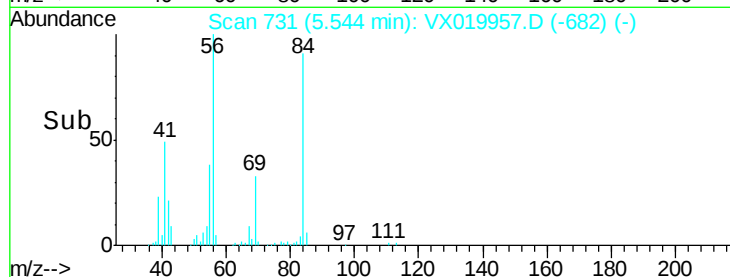
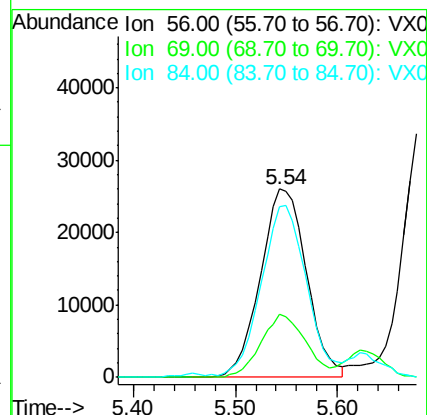
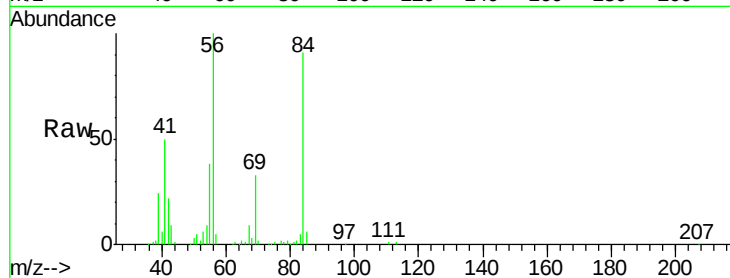
Tgt Ion: 56 Resp: 81562

Ion Ratio Lower Upper

56 100

69 33.4 25.3 37.9

84 88.5 71.4 107.0



#32

1,1,1-Trichloroethane

Concen: 19.938 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019957.D

Acq: 13 Dec 2020 01:42

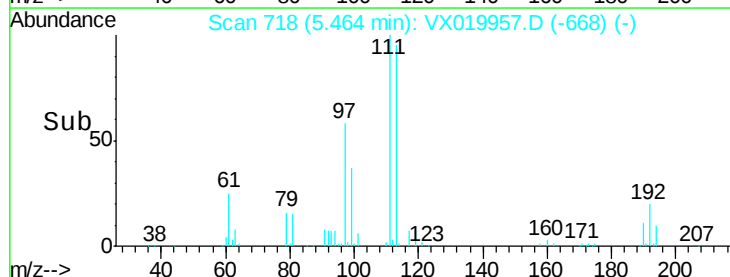
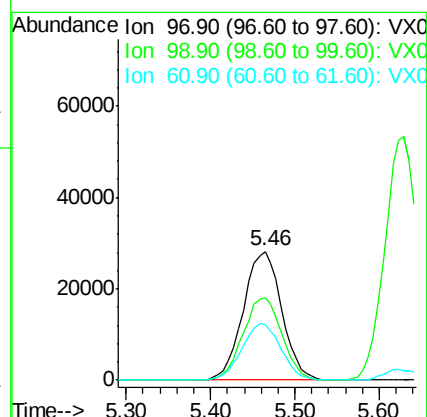
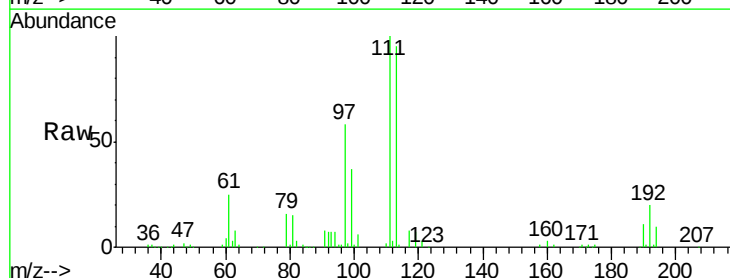
Tgt Ion: 97 Resp: 86900

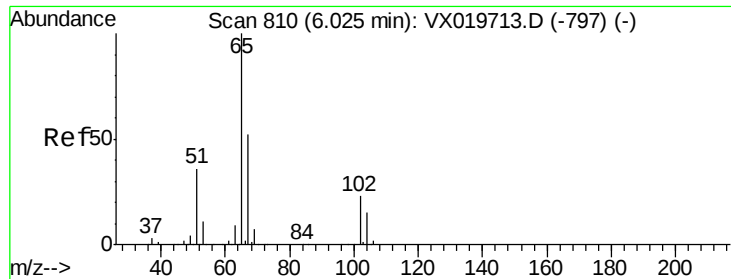
Ion Ratio Lower Upper

97 100

99 64.6 51.5 77.3

61 44.4 34.2 51.4





#33

1,2-Dichloroethane-d4

Concen: 50.284 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.01 min

Lab File: VX019957.D

Acq: 13 Dec 2020 01:42

Instrument :

MSVOA_X

ClientSampleId :

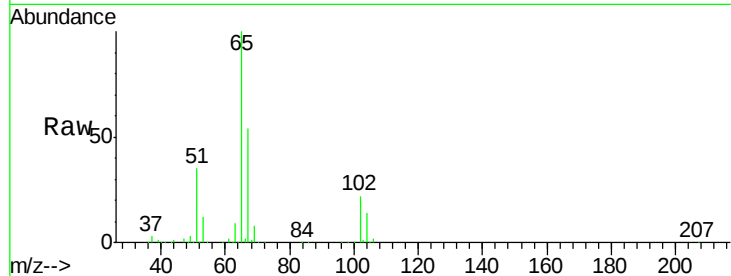
VX1212WBSD02

Tgt Ion: 65 Resp: 172417

Ion Ratio Lower Upper

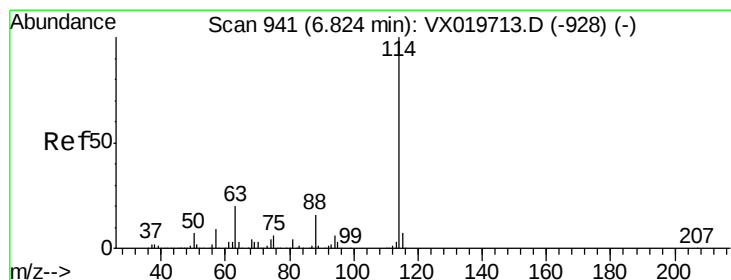
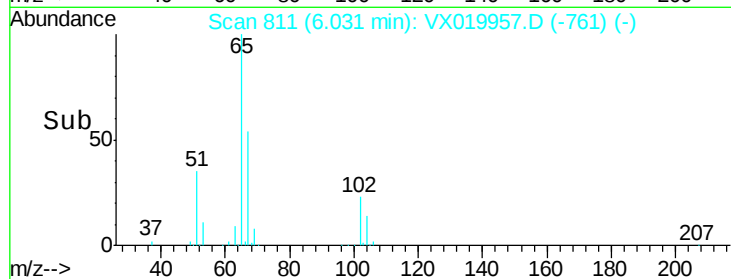
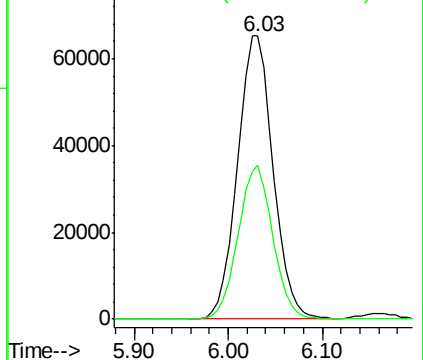
65 100

67 53.1 0.0 105.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.01 min

Lab File: VX019957.D

Acq: 13 Dec 2020 01:42

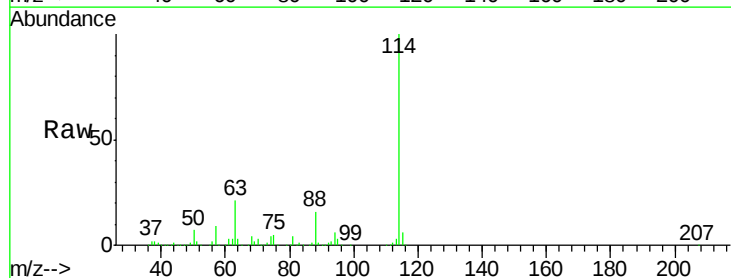
Tgt Ion: 114 Resp: 432915

Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.8

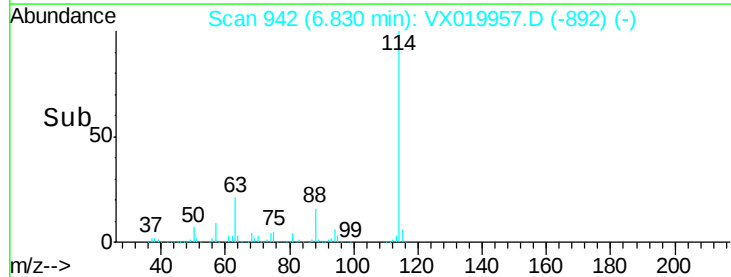
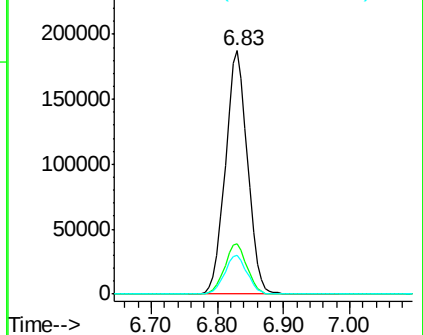
88 16.0 0.0 32.8

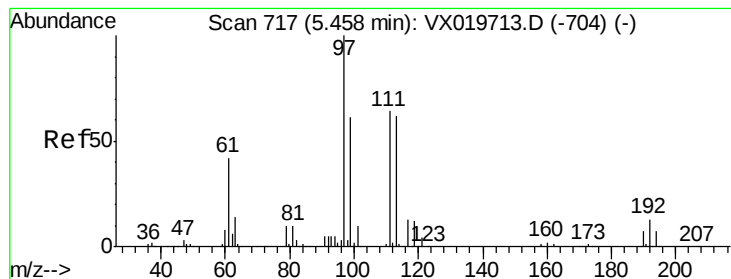


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.161 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019957.D

Acq: 13 Dec 2020 01:42

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBSD02

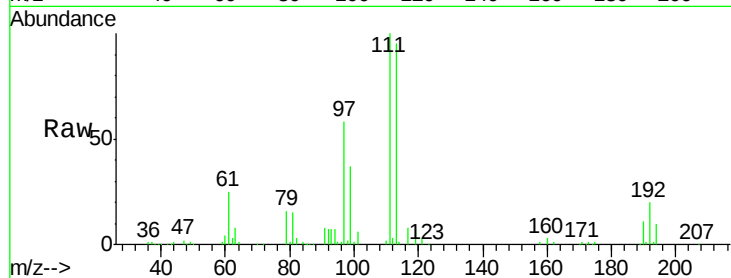
Tgt Ion:113 Resp: 137545

Ion Ratio Lower Upper

113 100

111 103.1 81.9 122.9

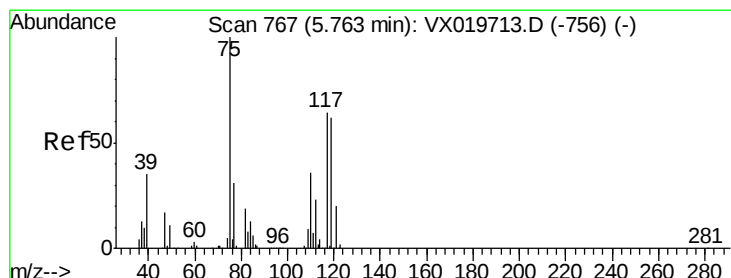
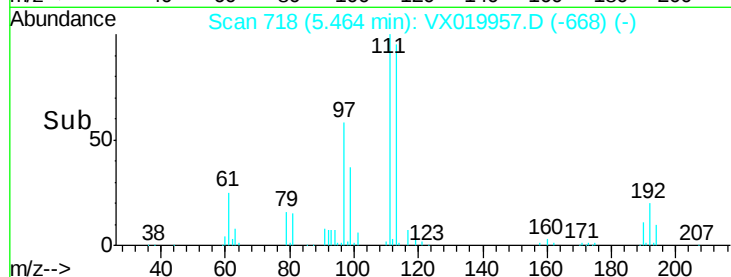
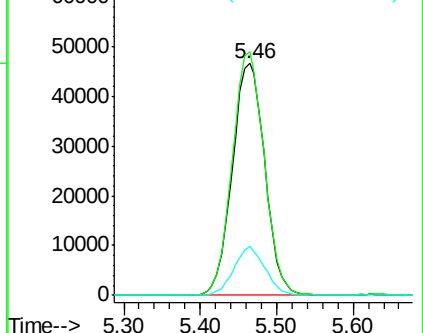
192 20.0 16.7 25.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.809 ug/l

RT: 5.77 min Scan# 768

Delta R.T. 0.01 min

Lab File: VX019957.D

Acq: 13 Dec 2020 01:42

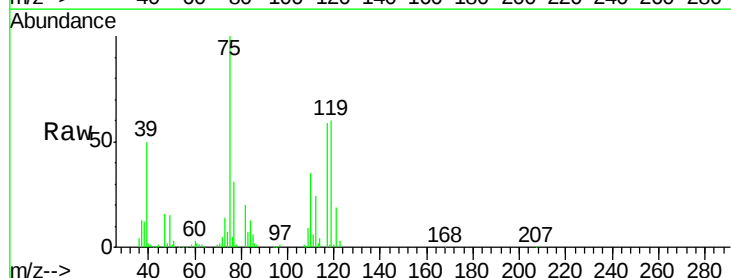
Tgt Ion: 75 Resp: 73580

Ion Ratio Lower Upper

75 100

110 35.5 18.1 54.4

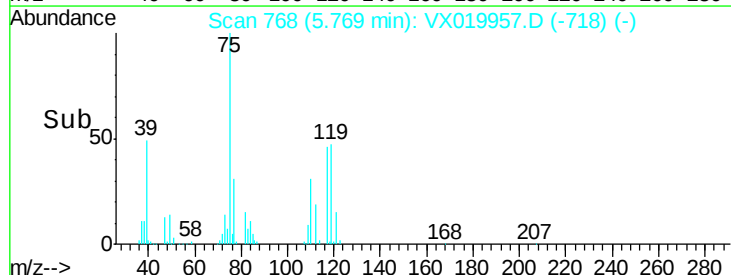
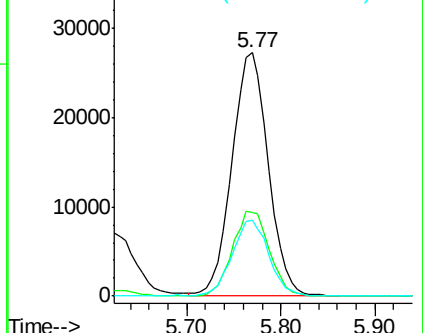
77 31.5 25.3 37.9

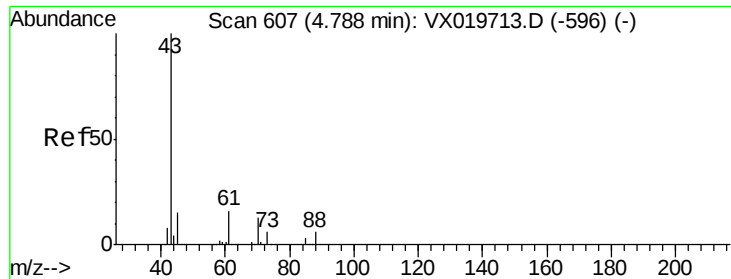


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

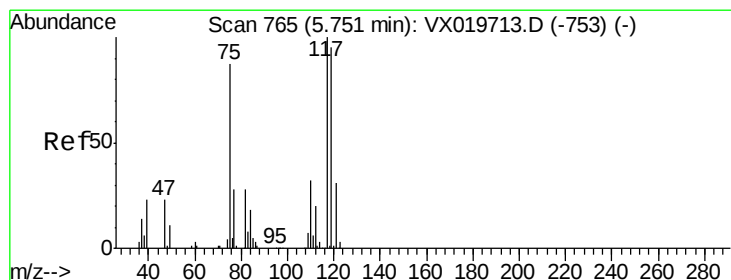
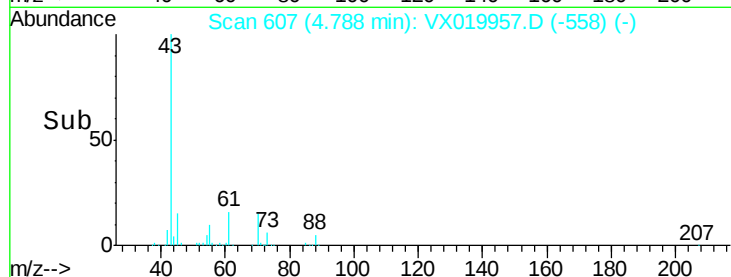
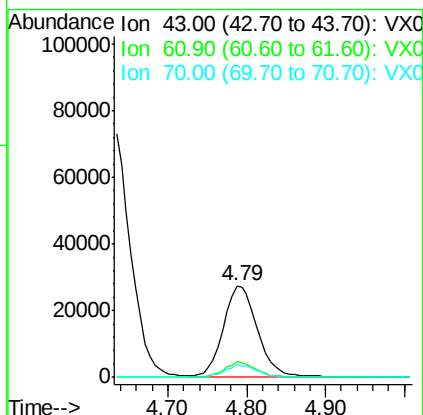
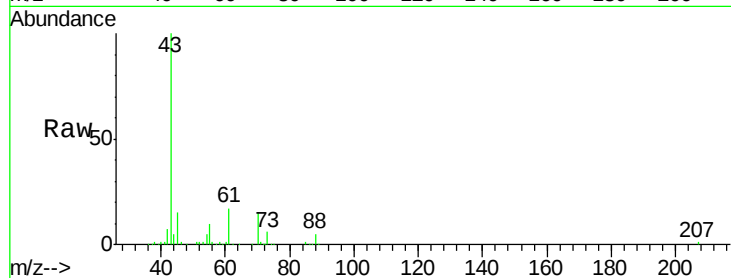




#37
Ethyl Acetate
Concen: 20.619 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX019957.D
Acq: 13 Dec 2020 01:42

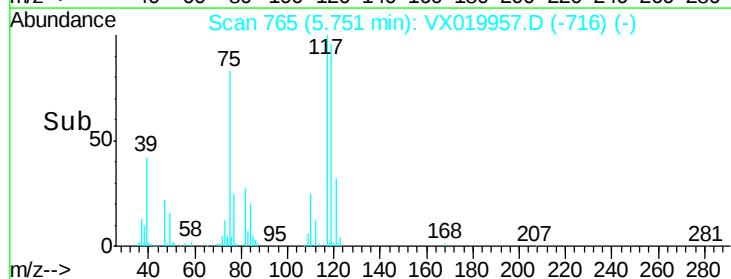
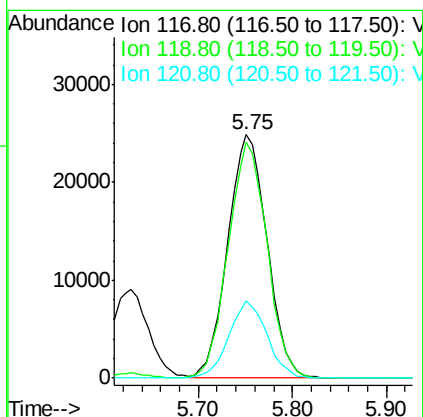
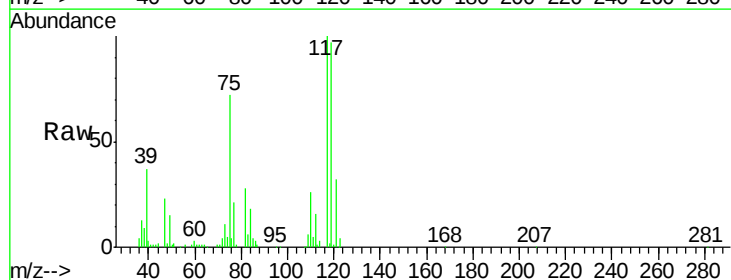
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD02

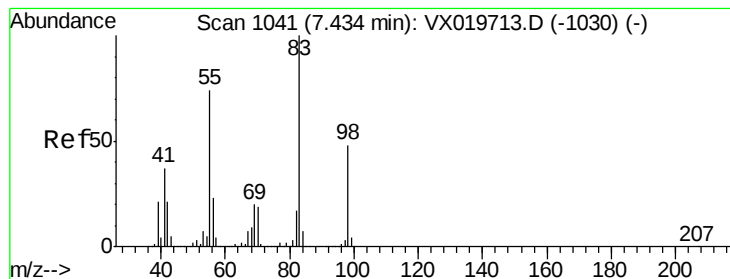
Tgt Ion: 43 Resp: 81441
Ion Ratio Lower Upper
43 100
61 15.5 12.8 19.2
70 13.0 10.5 15.7



#38
Carbon Tetrachloride
Concen: 18.898 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX019957.D
Acq: 13 Dec 2020 01:42

Tgt Ion: 117 Resp: 72395
Ion Ratio Lower Upper
117 100
119 96.8 76.2 114.2
121 32.0 24.8 37.2





#39

Methylcyclohexane

Concen: 17.868 ug/l

RT: 7.44 min Scan# 1042

Delta R.T. 0.01 min

Lab File: VX019957.D

Acq: 13 Dec 2020 01:42

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBSD02

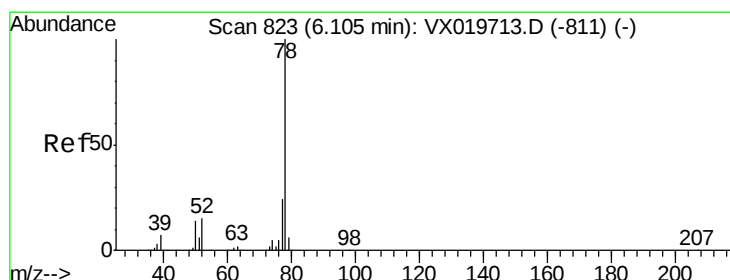
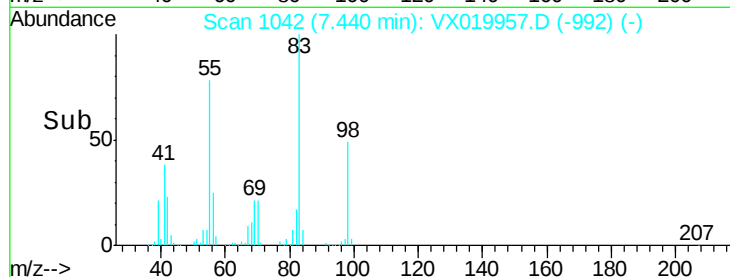
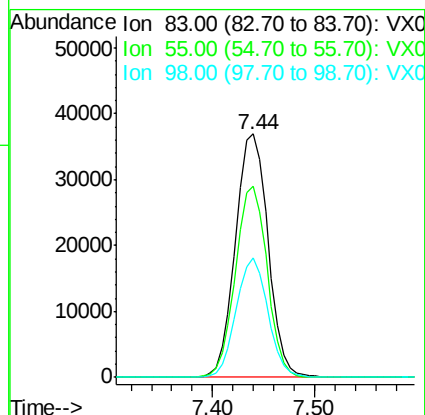
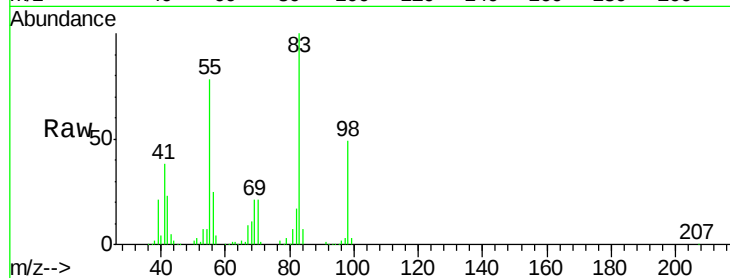
Tgt Ion: 83 Resp: 82122

Ion Ratio Lower Upper

83 100

55 78.4 58.9 88.3

98 48.9 38.1 57.1



#40

Benzene

Concen: 19.836 ug/l

RT: 6.11 min Scan# 824

Delta R.T. 0.01 min

Lab File: VX019957.D

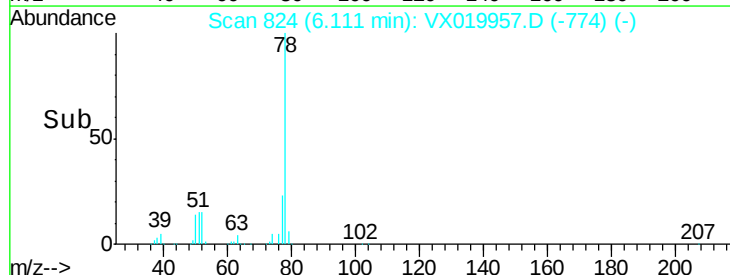
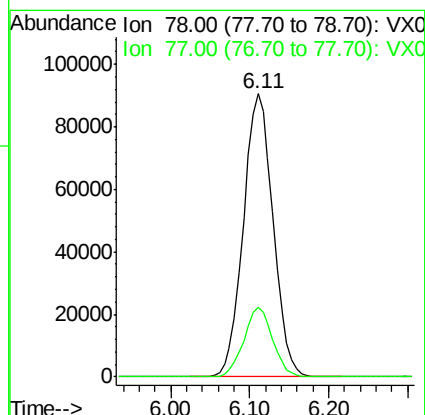
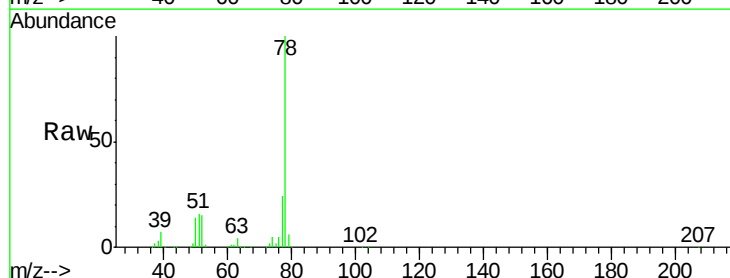
Acq: 13 Dec 2020 01:42

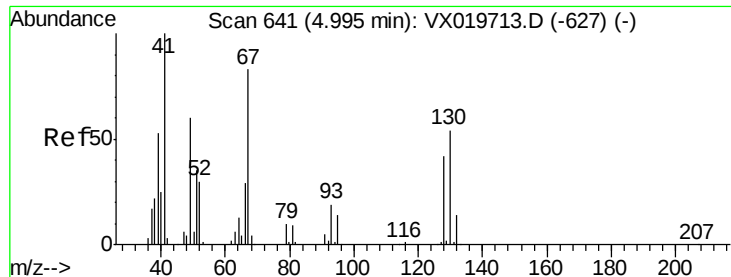
Tgt Ion: 78 Resp: 237035

Ion Ratio Lower Upper

78 100

77 24.4 18.9 28.3





#41

Methacrylonitrile

Concen: 20.960 ug/l

RT: 5.00 min Scan# 642

Delta R.T. 0.01 min

Lab File: VX019957.D

Acq: 13 Dec 2020 01:42

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBSD02

Tgt Ion: 41 Resp: 45454

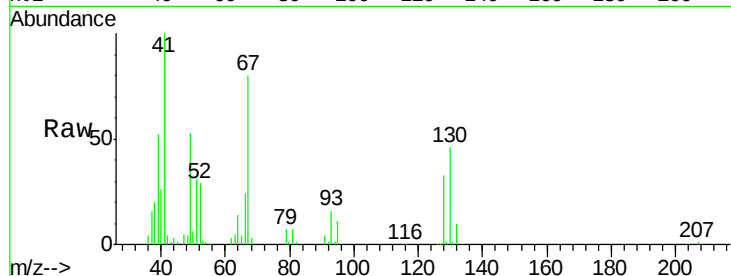
Ion Ratio Lower Upper

41 100

39 53.7 42.5 63.7

67 81.1 65.0 97.6

52 31.8 25.3 37.9

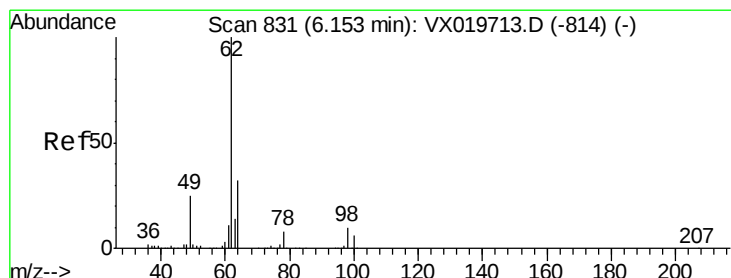
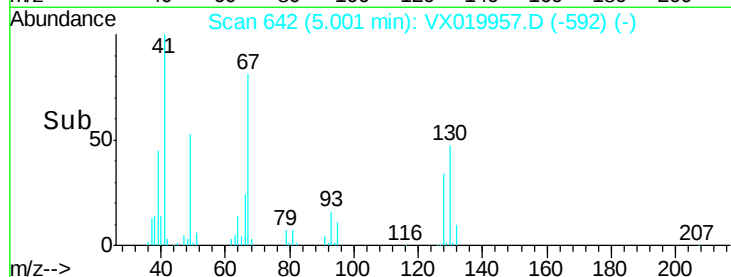
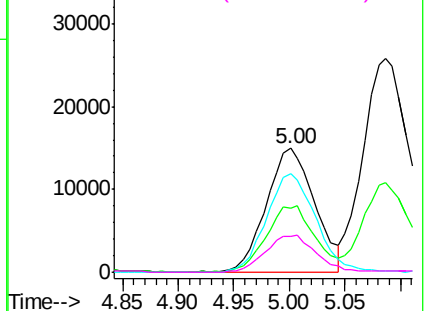


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 20.524 ug/l

RT: 6.16 min Scan# 832

Delta R.T. 0.01 min

Lab File: VX019957.D

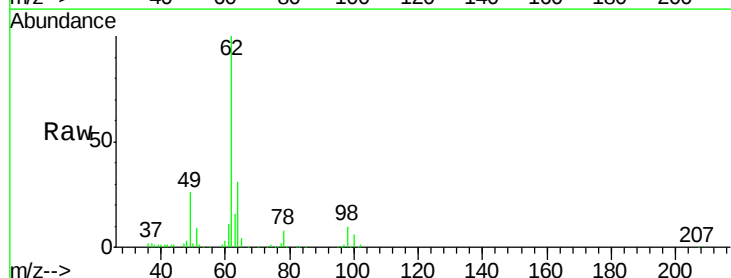
Acq: 13 Dec 2020 01:42

Tgt Ion: 62 Resp: 83796

Ion Ratio Lower Upper

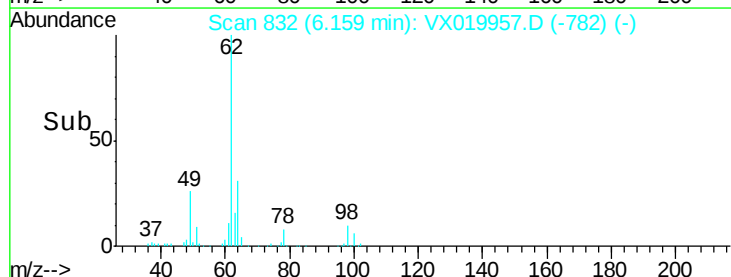
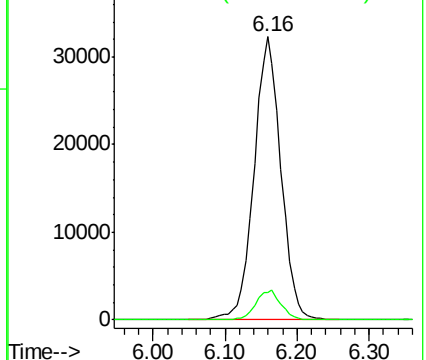
62 100

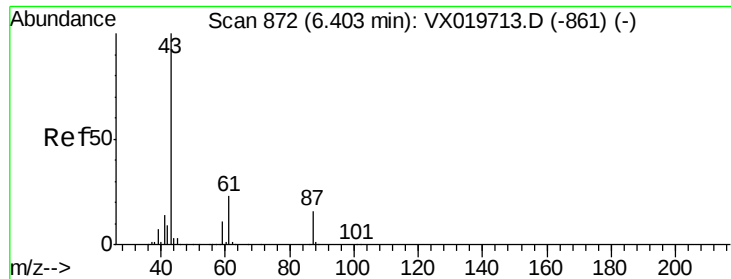
98 10.0 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.888 ug/l

RT: 6.41 min Scan# 873

Delta R.T. 0.01 min

Lab File: VX019957.D

Acq: 13 Dec 2020 01:42

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBSD02

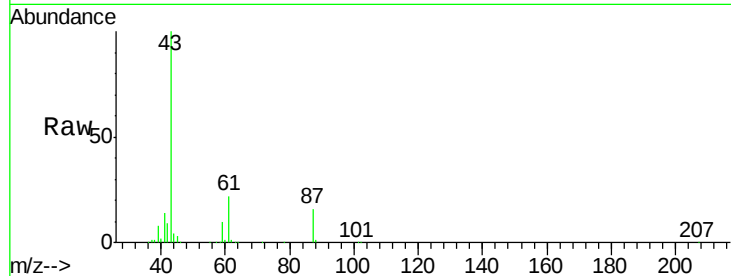
Tgt Ion: 43 Resp: 127714

Ion Ratio Lower Upper

43 100

61 22.5 18.2 27.4

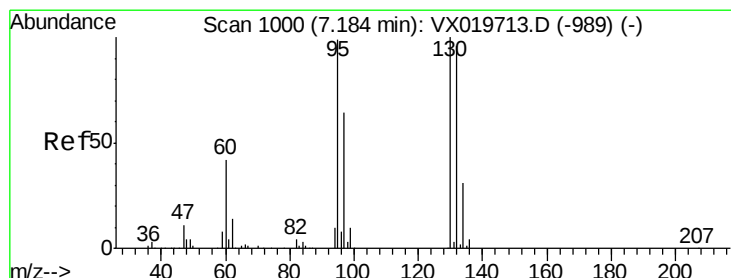
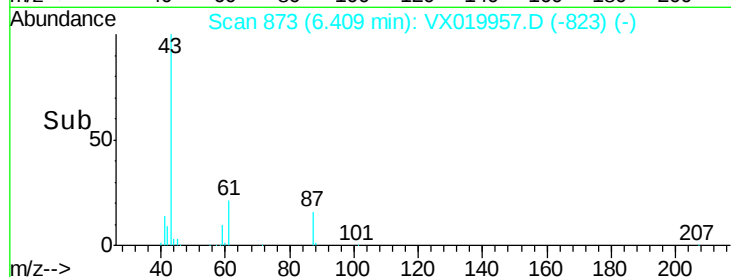
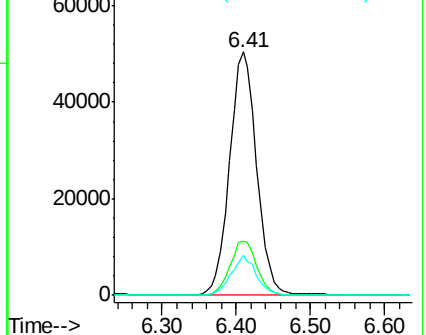
87 15.0 12.5 18.7



Abundance Ion 43.00 (42.70 to 43.70): VX019713.D (-861) (-)

Ion 61.00 (60.70 to 61.70): VX019713.D (-861) (-)

Ion 87.00 (86.70 to 87.70): VX019713.D (-861) (-)



#44

Trichloroethene

Concen: 19.052 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.01 min

Lab File: VX019957.D

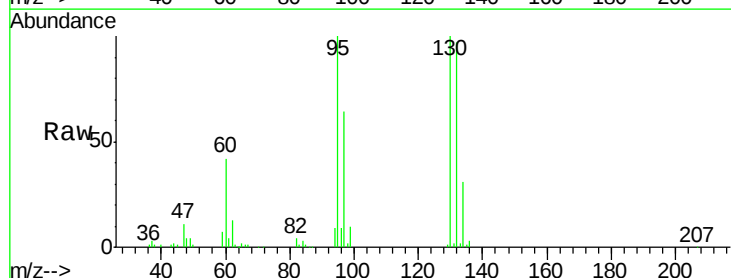
Acq: 13 Dec 2020 01:42

Tgt Ion: 130 Resp: 59736

Ion Ratio Lower Upper

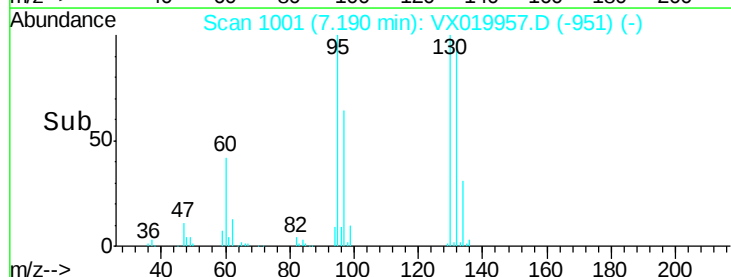
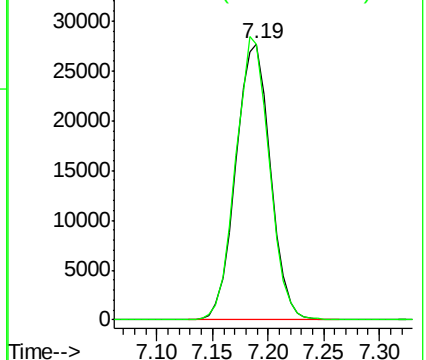
130 100

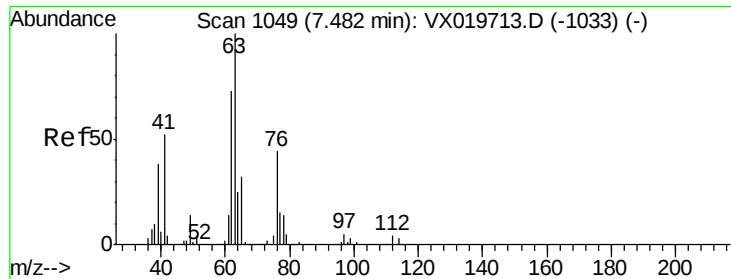
95 99.8 0.0 198.0



Abundance Ion 129.80 (129.50 to 130.50): VX019713.D (-989) (-)

Ion 94.90 (94.60 to 95.60): VX019713.D (-989) (-)

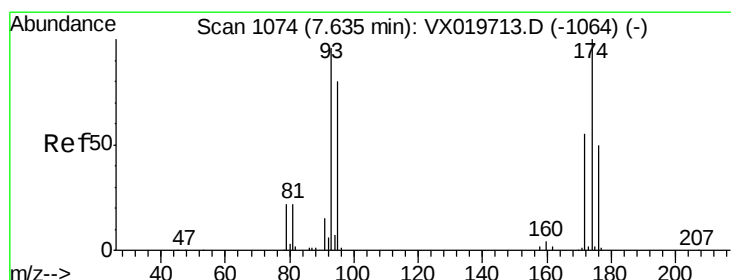
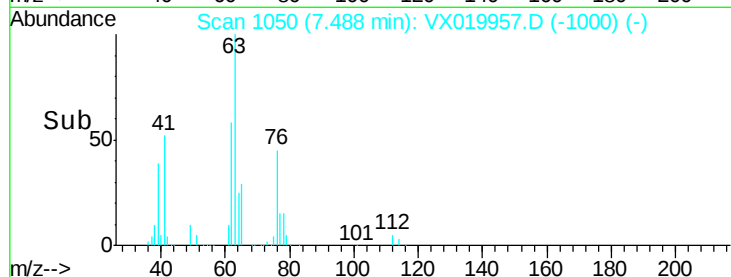
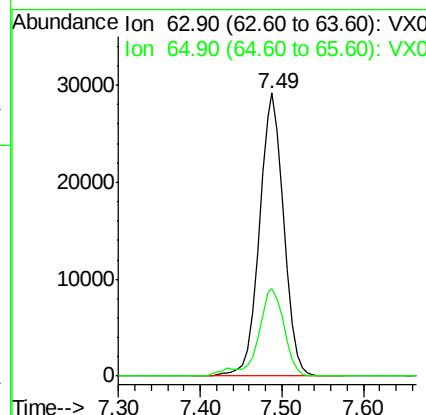
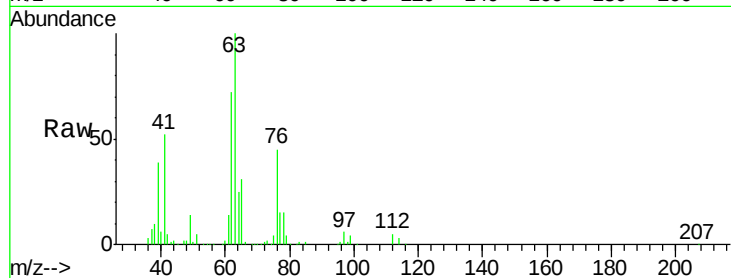




#45
 1,2-Dichloropropane
 Concen: 20.360 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.01 min
 Lab File: VX019957.D
 Acq: 13 Dec 2020 01:42

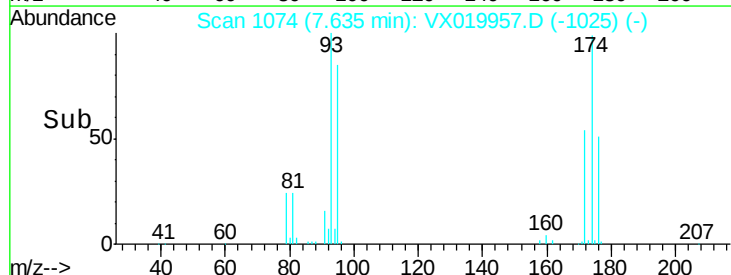
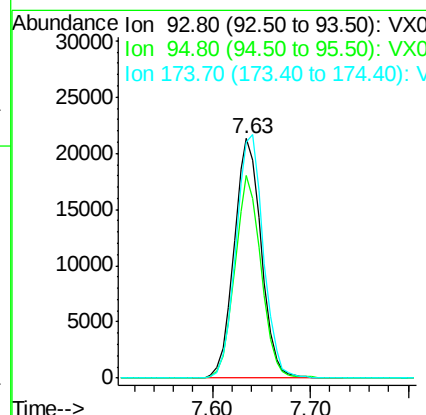
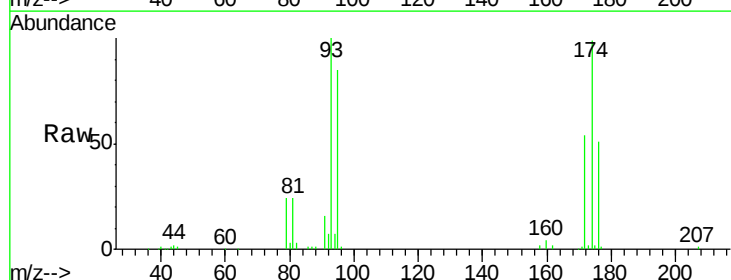
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBSD02

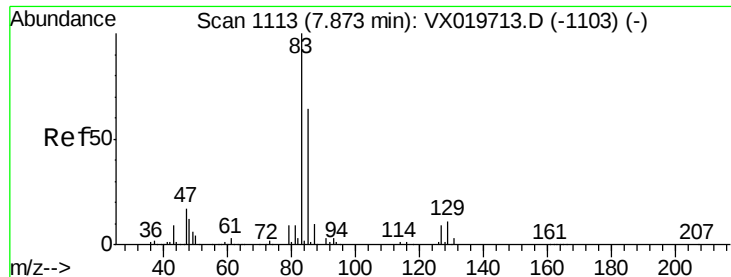
Tgt Ion: 63 Resp: 60807
 Ion Ratio Lower Upper
 63 100
 65 30.8 25.7 38.5



#46
 Dibromomethane
 Concen: 20.344 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.00 min
 Lab File: VX019957.D
 Acq: 13 Dec 2020 01:42

Tgt Ion: 93 Resp: 41031
 Ion Ratio Lower Upper
 93 100
 95 81.7 66.8 100.2
 174 102.5 83.1 124.7





#47

Bromodichloromethane

Concen: 19.757 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019957.D

Acq: 13 Dec 2020 01:42

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBSD02

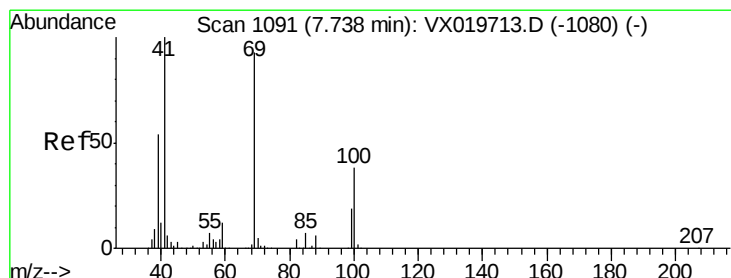
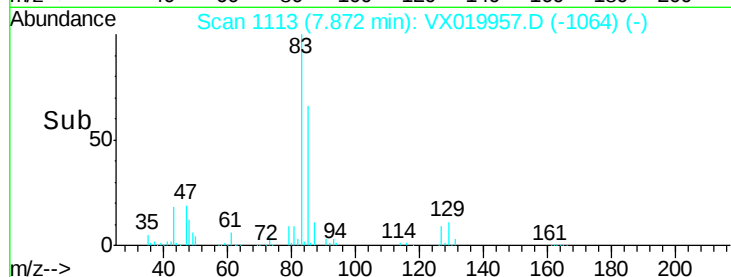
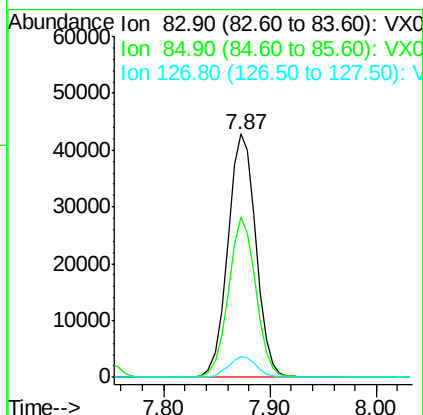
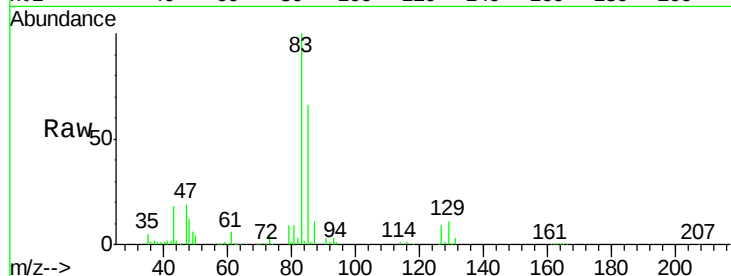
Tgt Ion: 83 Resp: 79072

Ion Ratio Lower Upper

83 100

85 65.7 51.4 77.0

127 8.6 6.8 10.2



#48

Methyl methacrylate

Concen: 19.955 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.01 min

Lab File: VX019957.D

Acq: 13 Dec 2020 01:42

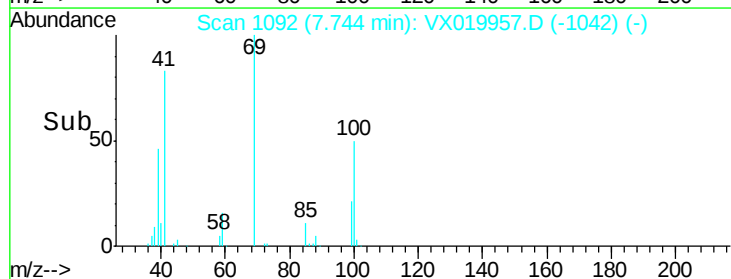
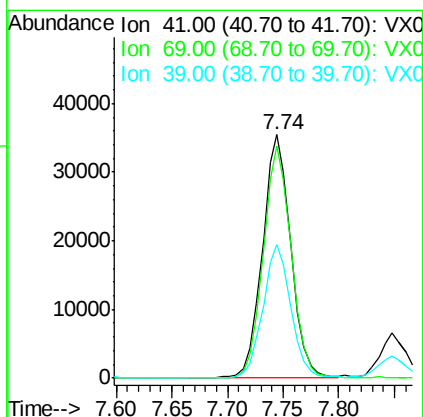
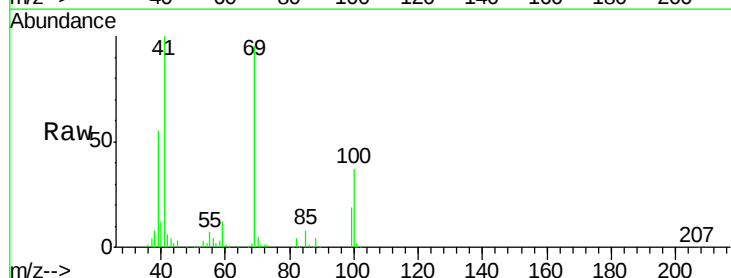
Tgt Ion: 41 Resp: 63021

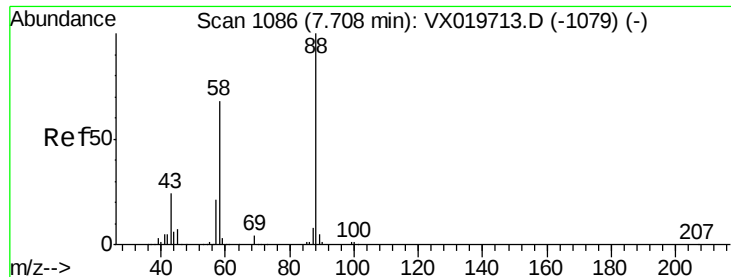
Ion Ratio Lower Upper

41 100

69 94.0 76.0 114.0

39 54.4 44.6 67.0

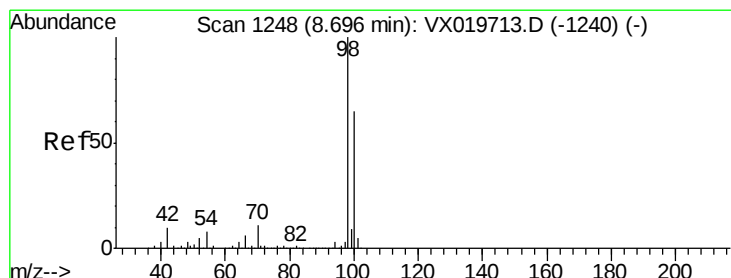
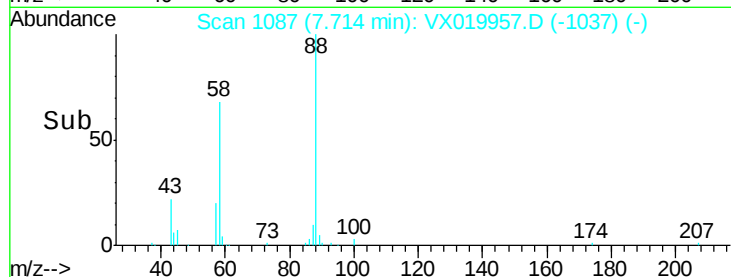
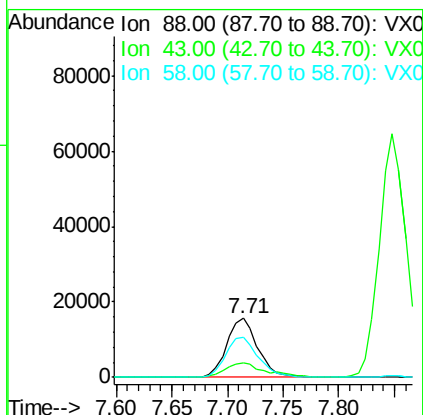
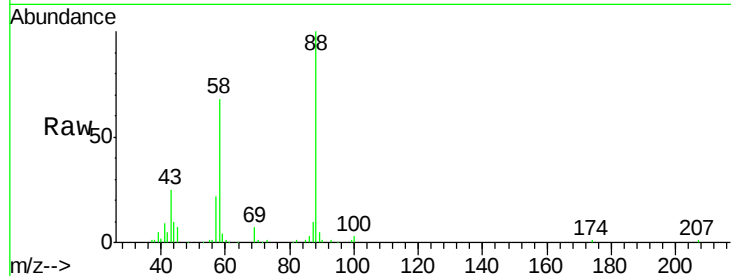




#49
1,4-Dioxane
Concen: 393.538 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.01 min
Lab File: VX019957.D
Acq: 13 Dec 2020 01:42

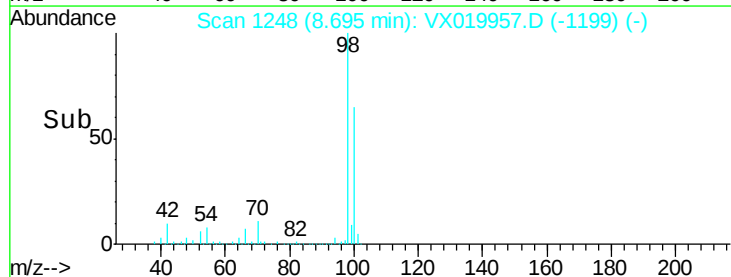
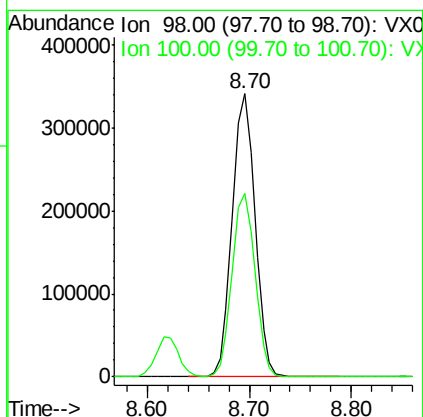
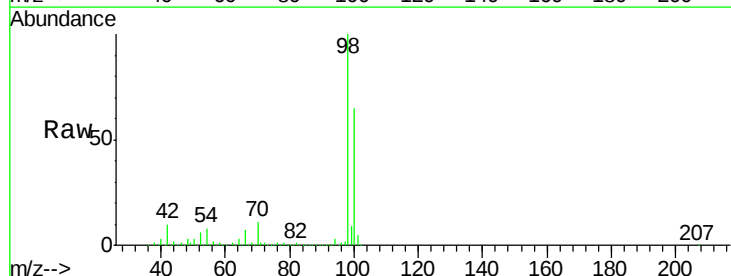
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD02

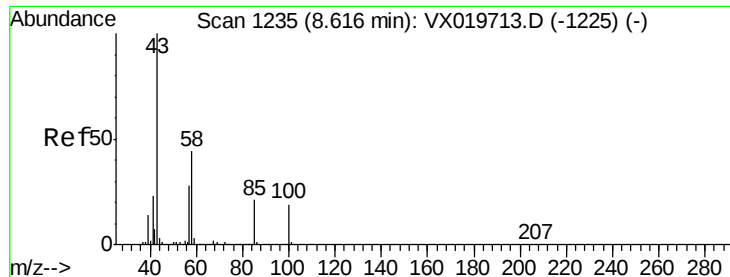
Tgt Ion: 88 Resp: 30108
Ion Ratio Lower Upper
88 100
43 29.7 23.2 34.8
58 71.9 55.0 82.4



#50
Toluene-d8
Concen: 49.309 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019957.D
Acq: 13 Dec 2020 01:42

Tgt Ion: 98 Resp: 526700
Ion Ratio Lower Upper
98 100
100 65.6 51.9 77.9





#51

4-Methyl-2-Pentanone

Concen: 106.191 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VX019957.D

Acq: 13 Dec 2020 01:42

Instrument :

MSVOA_X

ClientSampleId :

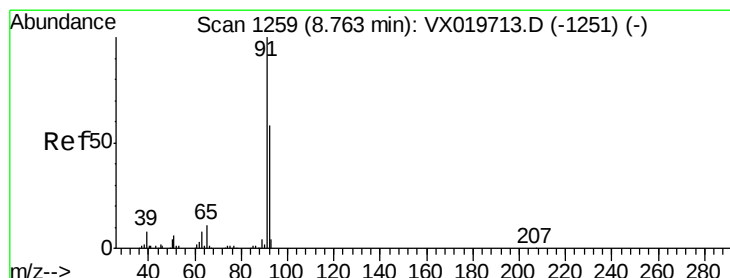
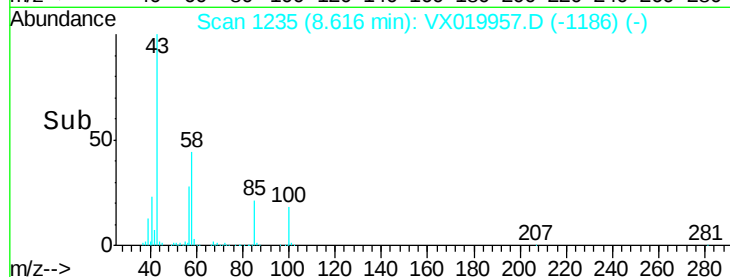
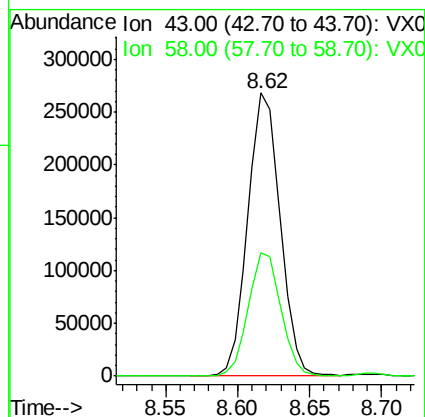
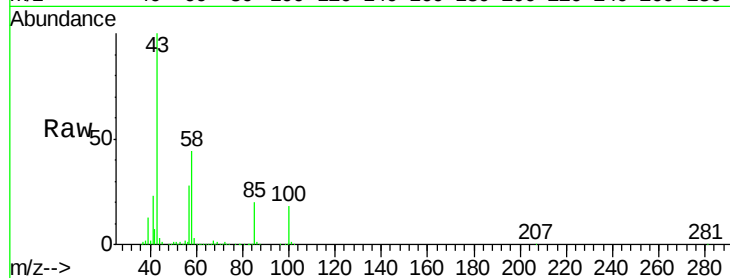
VX1212WBSD02

Tgt Ion: 43 Resp: 416327

Ion Ratio Lower Upper

43 100

58 44.0 35.4 53.0



#52

Toluene

Concen: 20.046 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019957.D

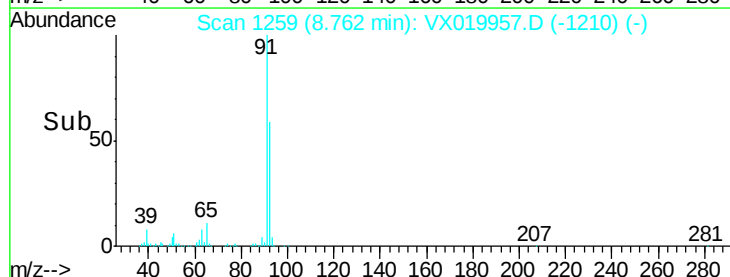
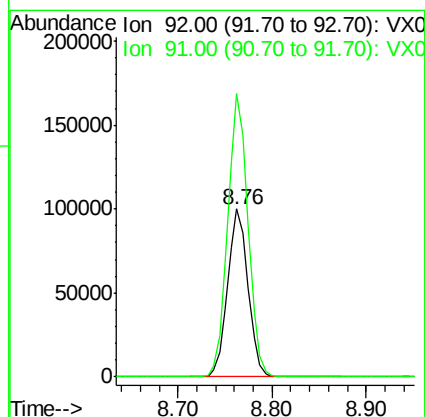
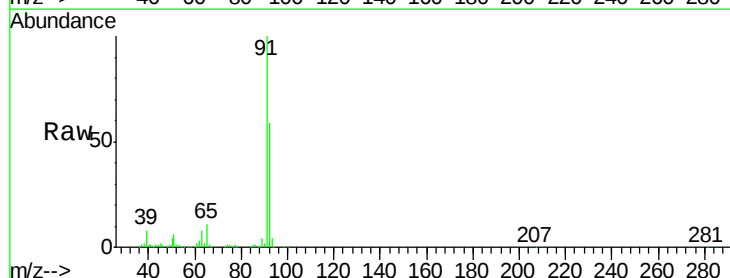
Acq: 13 Dec 2020 01:42

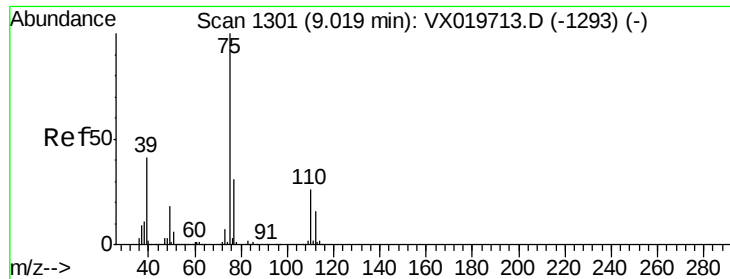
Tgt Ion: 92 Resp: 149820

Ion Ratio Lower Upper

92 100

91 168.1 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 18.497 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.00 min

Lab File: VX019957.D

Acq: 13 Dec 2020 01:42

Instrument :

MSVOA_X

ClientSampleId :

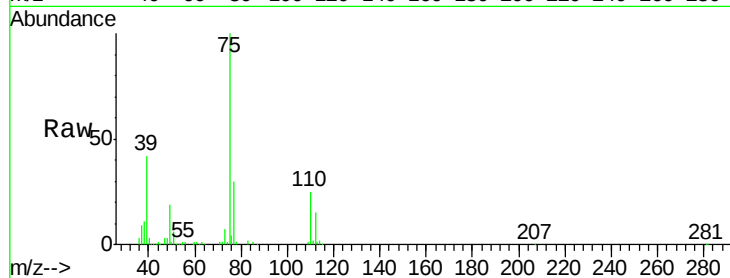
VX1212WBSD02

Tgt Ion: 75 Resp: 82148

Ion Ratio Lower Upper

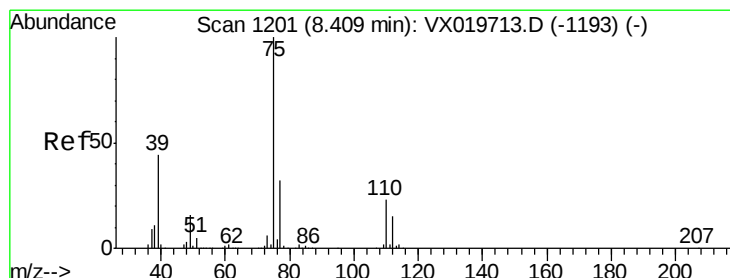
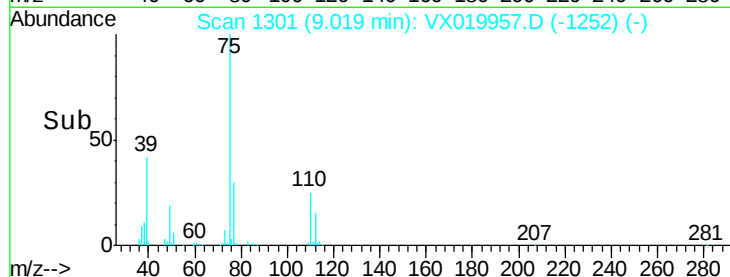
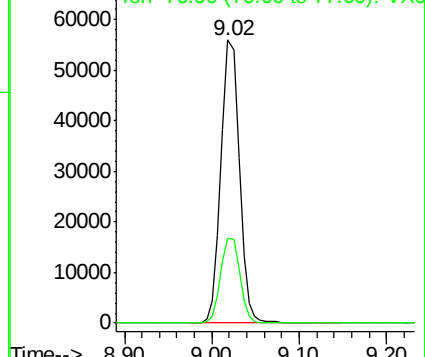
75 100

77 29.9 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 18.910 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. 0.01 min

Lab File: VX019957.D

Acq: 13 Dec 2020 01:42

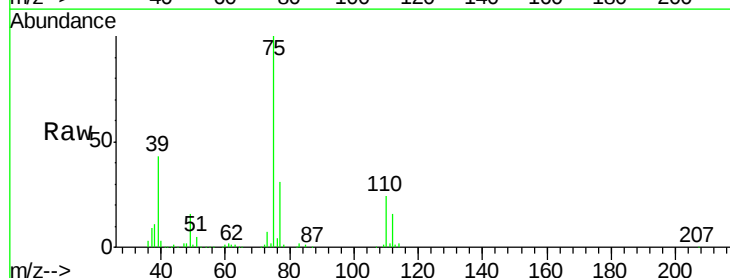
Tgt Ion: 75 Resp: 91241

Ion Ratio Lower Upper

75 100

77 30.7 25.7 38.5

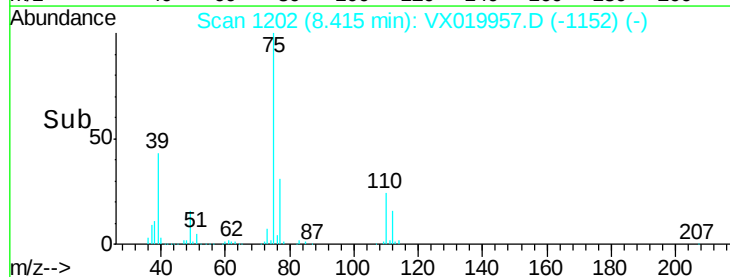
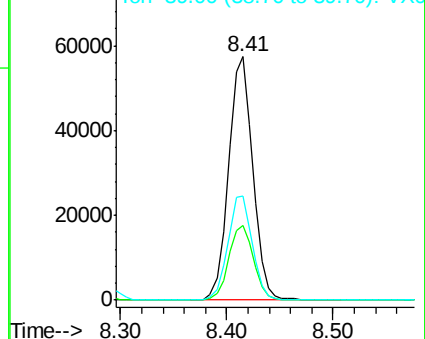
39 42.8 35.1 52.7

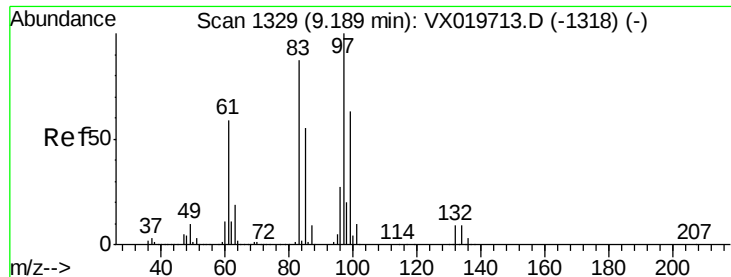


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

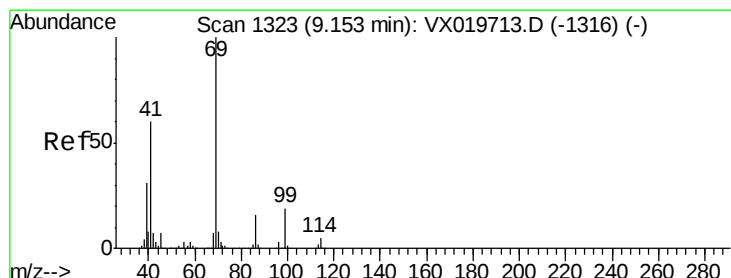
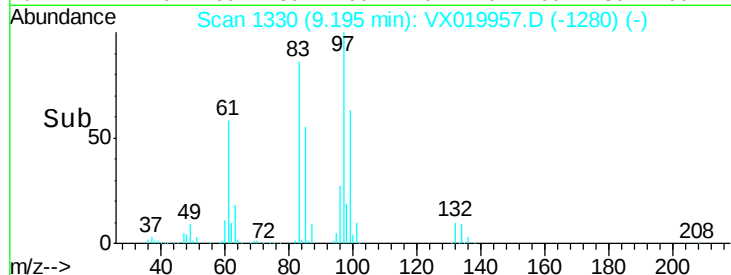
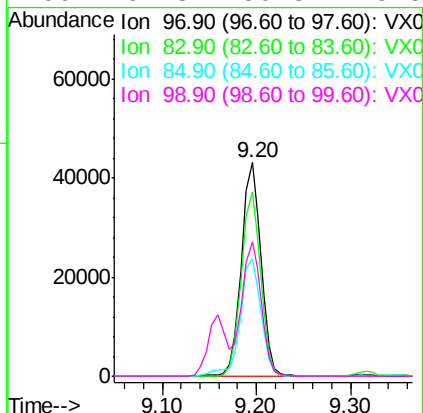
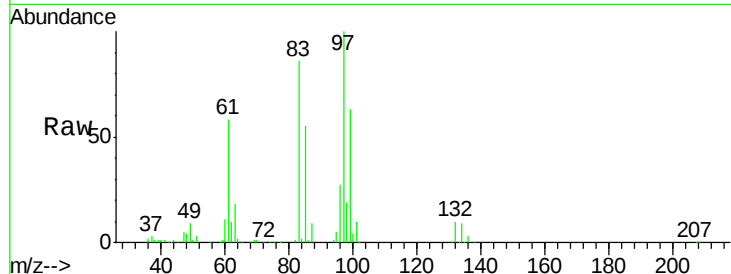




#55
 1,1,2-Trichloroethane
 Concen: 20.823 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: VX019957.D
 Acq: 13 Dec 2020 01:42

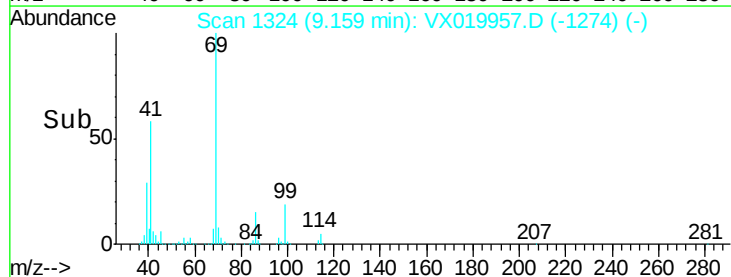
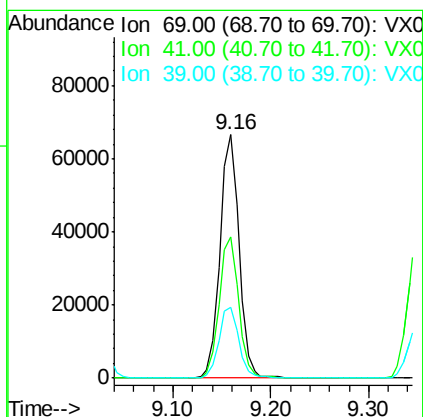
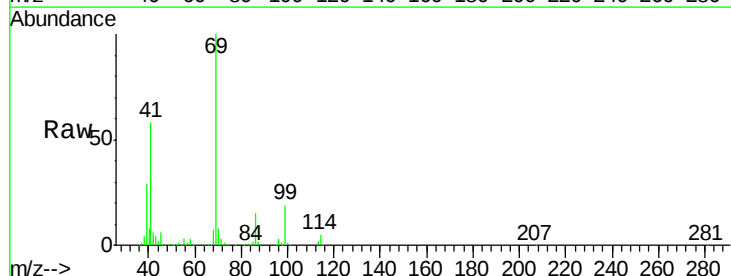
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBSD02

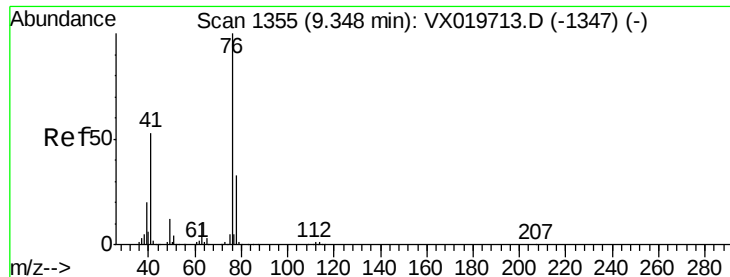
Tgt Ion:	97	Resp:	62718
Ion	Ratio	Lower	Upper
97	100		
83	86.5	69.3	103.9
85	55.3	44.3	66.5
99	62.8	50.3	75.5



#56
 Ethyl methacrylate
 Concen: 19.903 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.01 min
 Lab File: VX019957.D
 Acq: 13 Dec 2020 01:42

Tgt Ion:	69	Resp:	90694
Ion	Ratio	Lower	Upper
69	100		
41	58.7	46.8	70.2
39	30.1	24.7	37.1

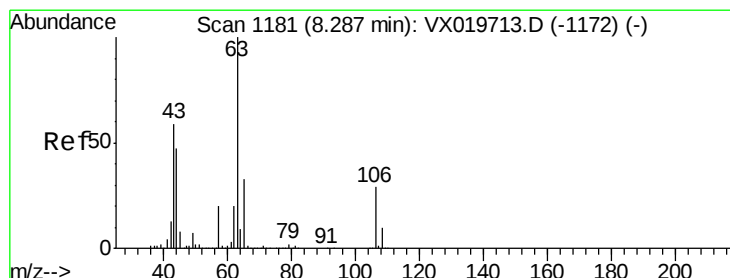
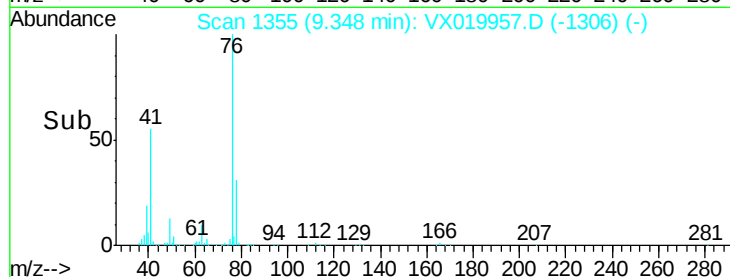
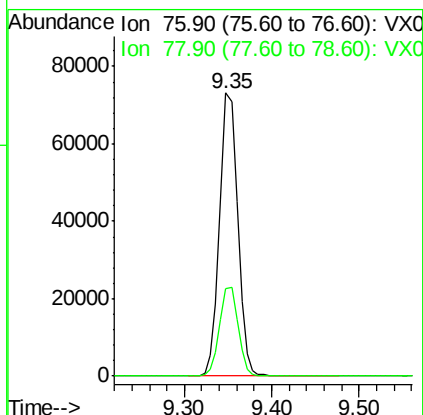
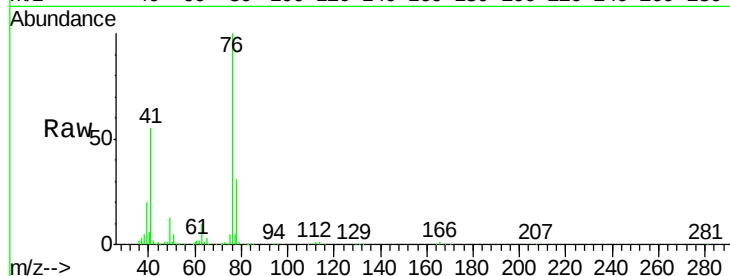




#57
 1,3-Dichloropropane
 Concen: 20.484 ug/l
 RT: 9.35 min Scan# 1355
 Delta R.T. -0.00 min
 Lab File: VX019957.D
 Acq: 13 Dec 2020 01:42

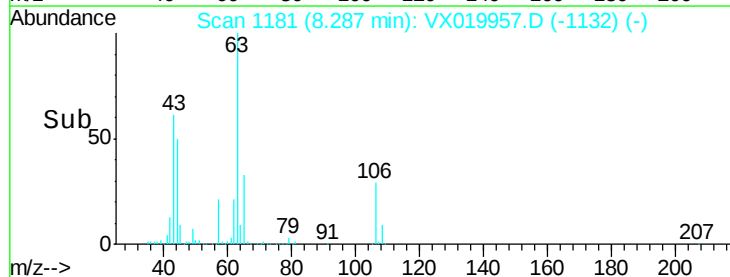
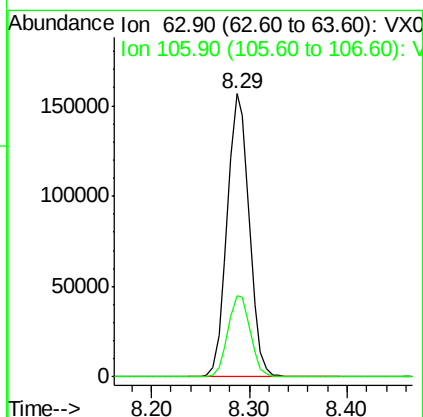
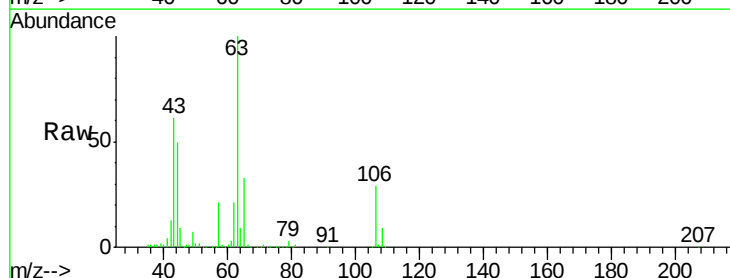
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBSD02

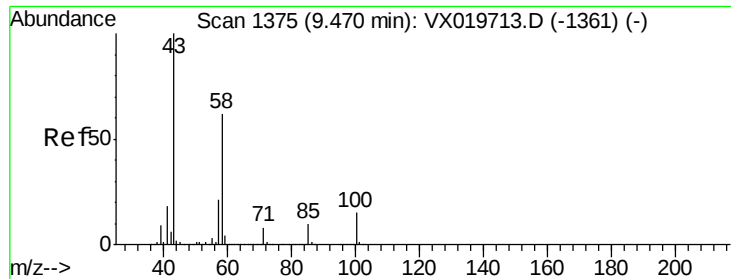
Tgt Ion: 76 Resp: 105344
 Ion Ratio Lower Upper
 76 100
 78 32.2 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 101.452 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VX019957.D
 Acq: 13 Dec 2020 01:42

Tgt Ion: 63 Resp: 244912
 Ion Ratio Lower Upper
 63 100
 106 29.2 23.5 35.3

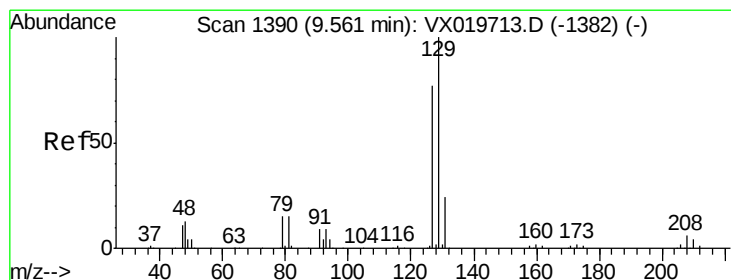
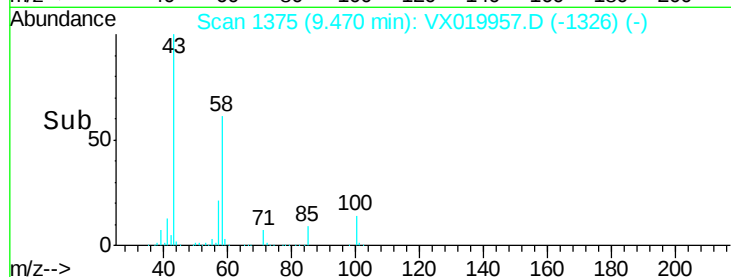
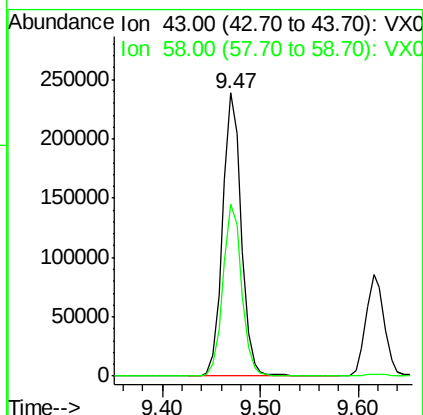
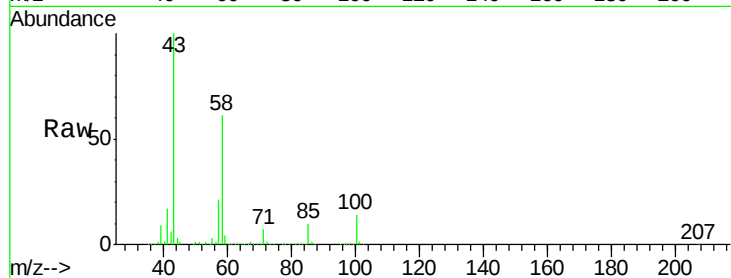




#59
2-Hexanone
Concen: 103.880 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX019957.D
Acq: 13 Dec 2020 01:42

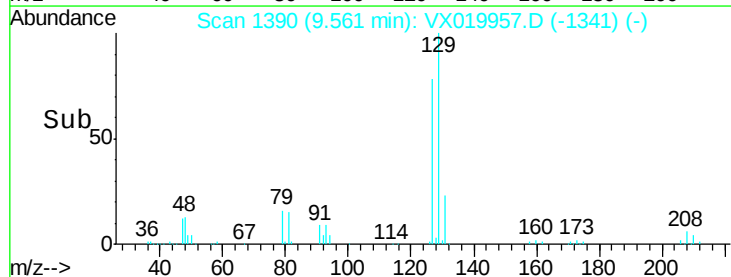
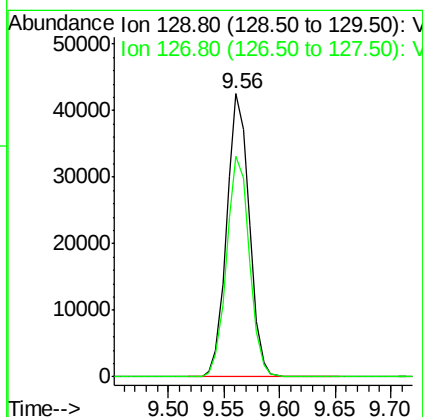
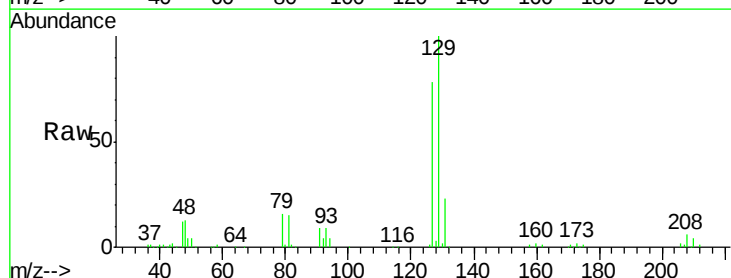
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD02

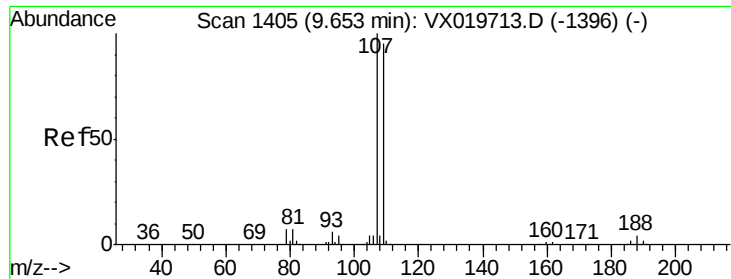
Tgt Ion: 43 Resp: 315685
Ion Ratio Lower Upper
43 100
58 61.0 30.9 92.8



#60
Dibromochloromethane
Concen: 19.526 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VX019957.D
Acq: 13 Dec 2020 01:42

Tgt Ion: 129 Resp: 59750
Ion Ratio Lower Upper
129 100
127 78.6 38.4 115.2





#61

1,2-Dibromoethane

Concen: 19.941 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019957.D

Acq: 13 Dec 2020 01:42

Instrument :

MSVOA_X

ClientSampleId :

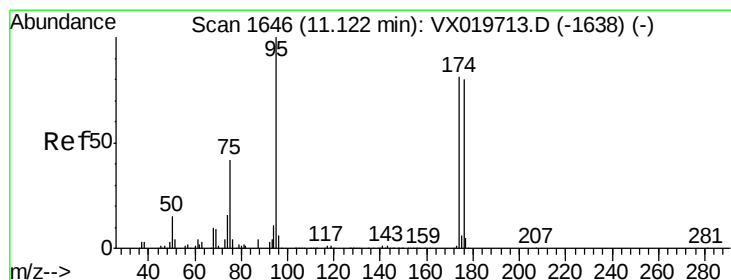
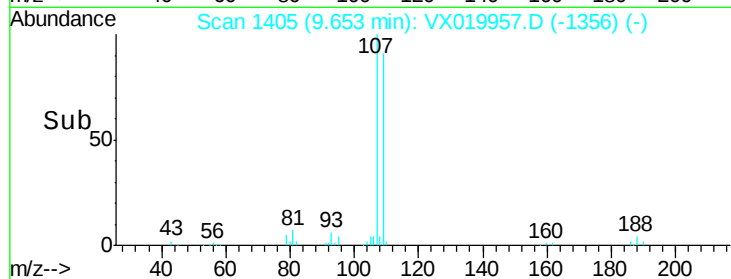
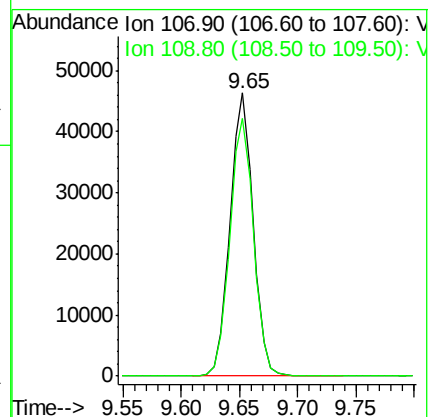
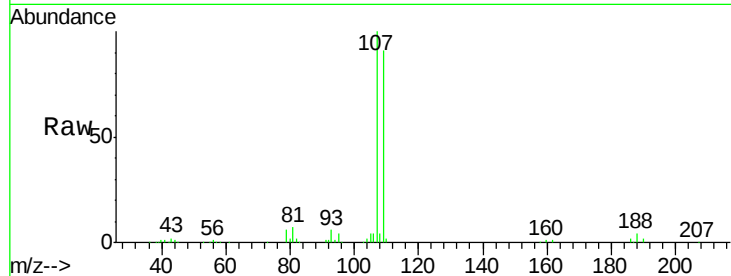
VX1212WBSD02

Tgt Ion: 107 Resp: 63777

Ion Ratio Lower Upper

107 100

109 93.5 75.8 113.6



#62

4-Bromofluorobenzene

Concen: 48.372 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019957.D

Acq: 13 Dec 2020 01:42

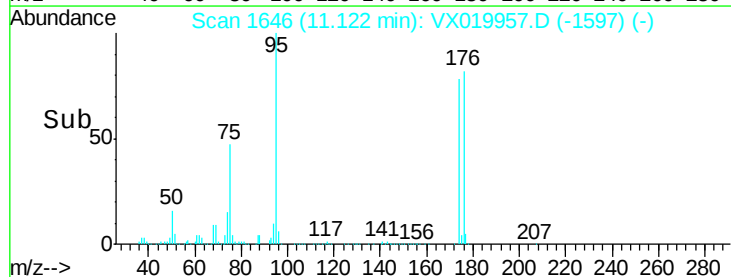
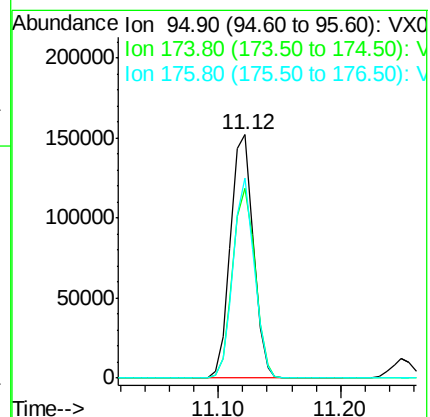
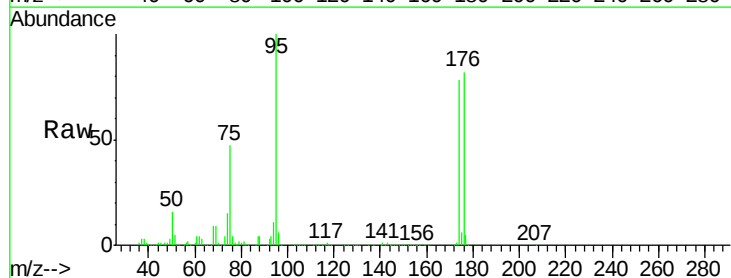
Tgt Ion: 95 Resp: 196657

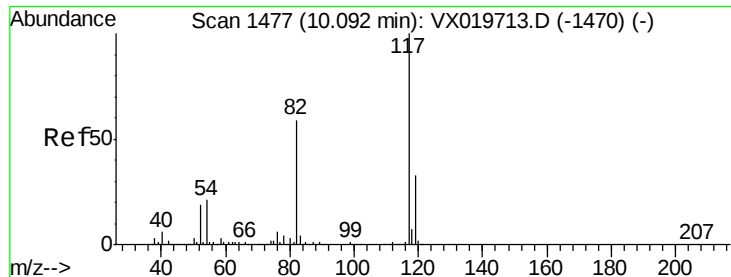
Ion Ratio Lower Upper

95 100

174 77.0 0.0 154.6

176 76.5 0.0 155.8

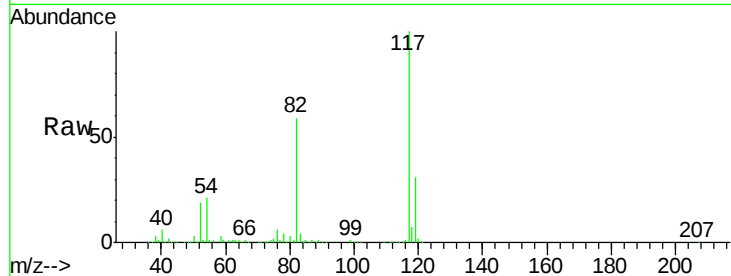




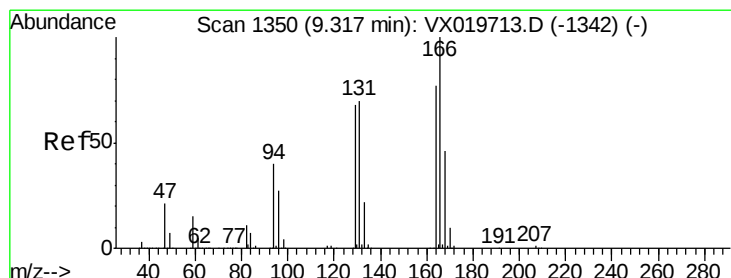
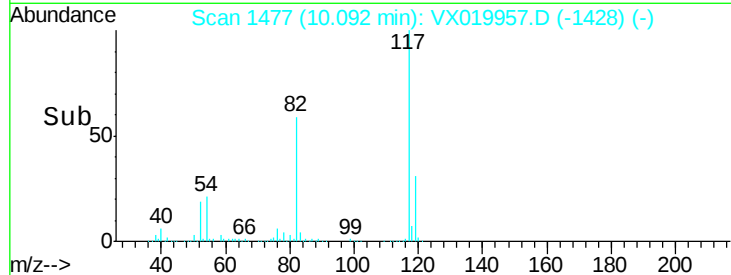
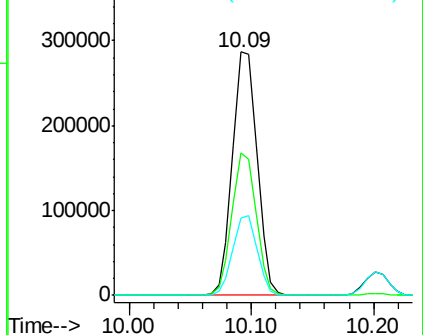
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX019957.D
Acq: 13 Dec 2020 01:42

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD02

Tgt Ion:117 Resp: 400455
Ion Ratio Lower Upper
117 100
82 58.8 47.4 71.2
119 31.5 26.6 39.8



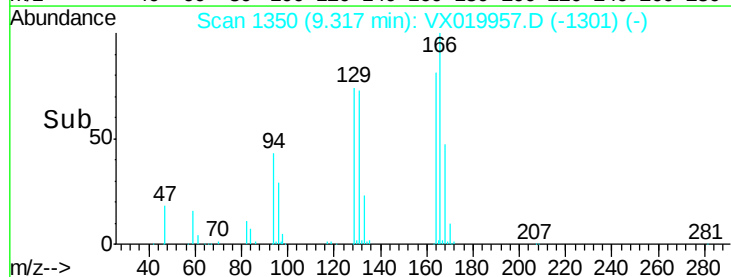
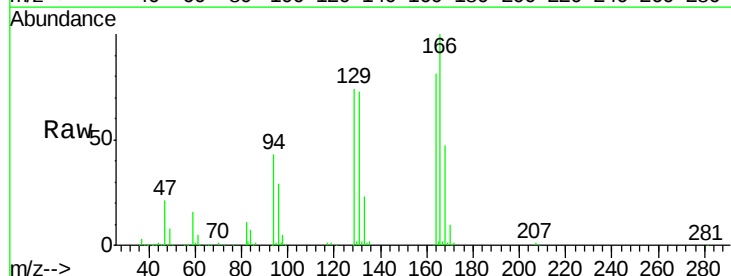
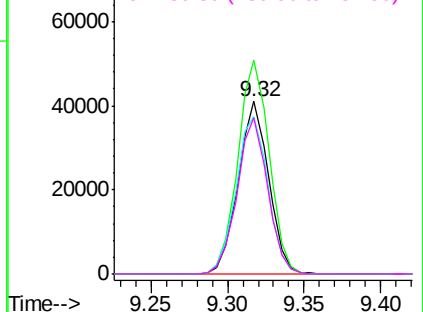
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

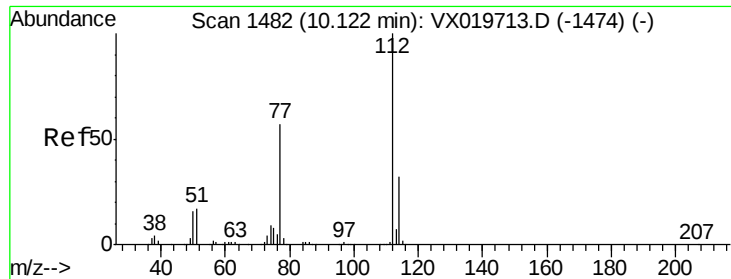


#64
Tetrachloroethene
Concen: 21.094 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019957.D
Acq: 13 Dec 2020 01:42

Tgt Ion:164 Resp: 56648
Ion Ratio Lower Upper
164 100
166 123.8 103.4 155.2
129 91.4 70.8 106.2
131 90.9 72.5 108.7

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





#65

Chlorobenzene

Concen: 19.416 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX019957.D

Acq: 13 Dec 2020 01:42

Instrument :

MSVOA_X

ClientSampleId :

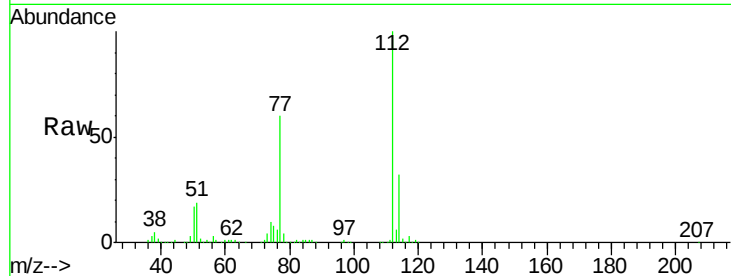
VX1212WBSD02

Tgt Ion:112 Resp: 154901

Ion Ratio Lower Upper

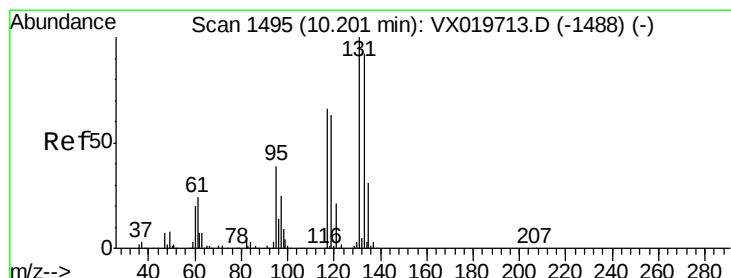
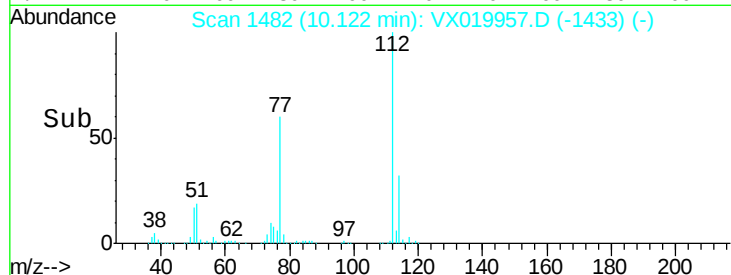
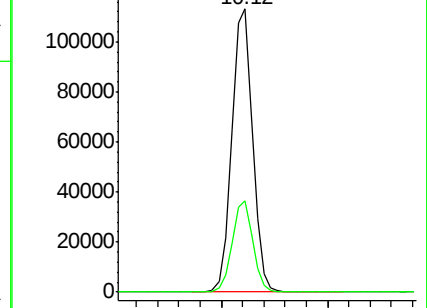
112 100

114 32.3 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.951 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.00 min

Lab File: VX019957.D

Acq: 13 Dec 2020 01:42

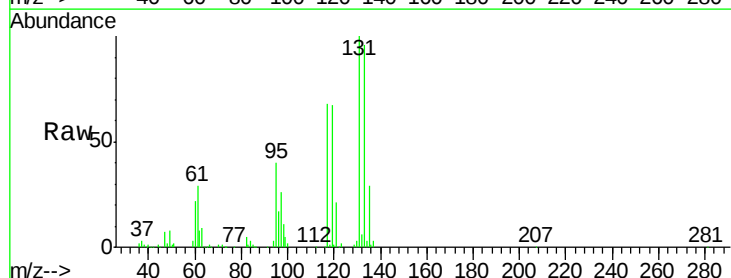
Tgt Ion:131 Resp: 57292

Ion Ratio Lower Upper

131 100

133 94.4 47.7 143.1

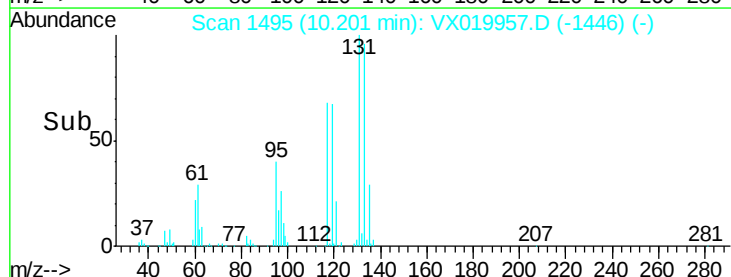
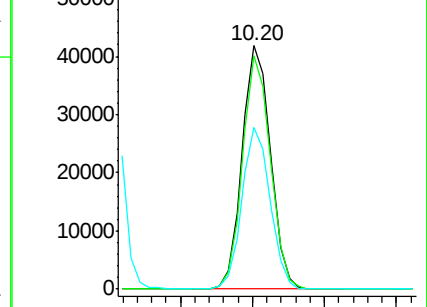
119 65.9 32.1 96.5

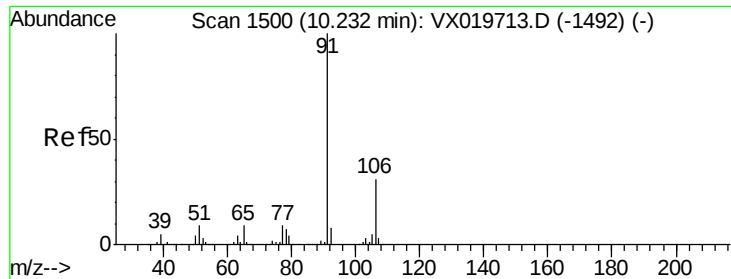


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.321 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX019957.D

Acq: 13 Dec 2020 01:42

Instrument :

MSVOA_X

ClientSampleId :

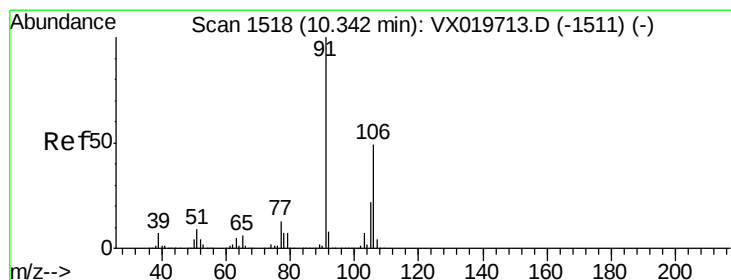
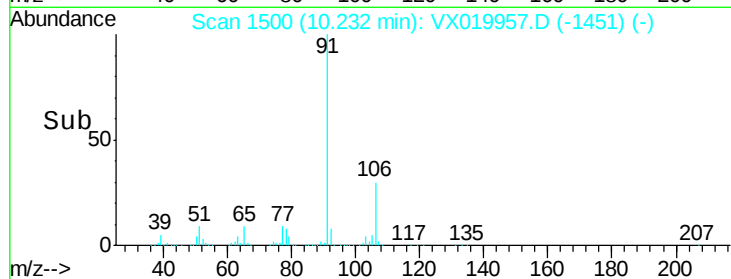
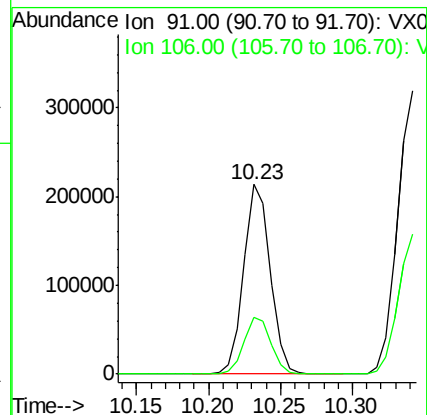
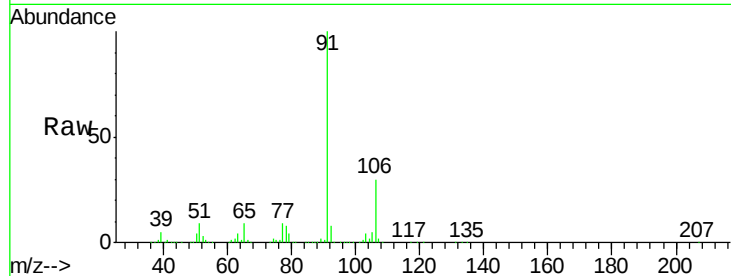
VX1212WBSD02

Tgt Ion: 91 Resp: 273620

Ion Ratio Lower Upper

91 100

106 29.7 24.6 37.0



#68

m/p-Xylenes

Concen: 38.465 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX019957.D

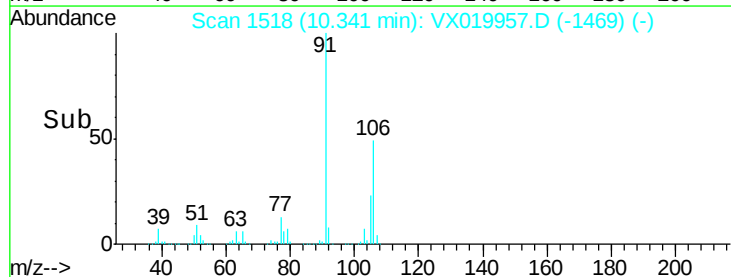
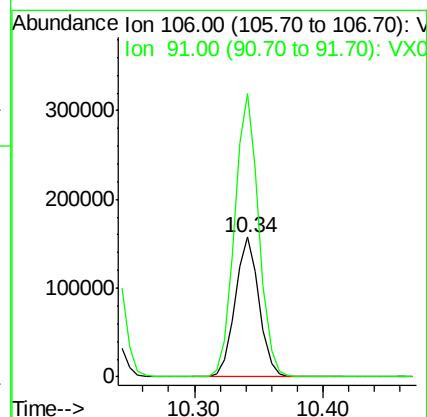
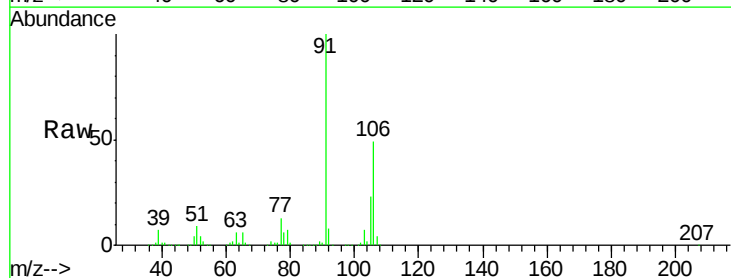
Acq: 13 Dec 2020 01:42

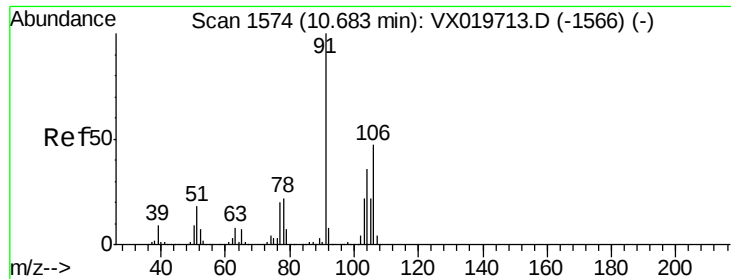
Tgt Ion: 106 Resp: 205261

Ion Ratio Lower Upper

106 100

91 203.3 162.8 244.2

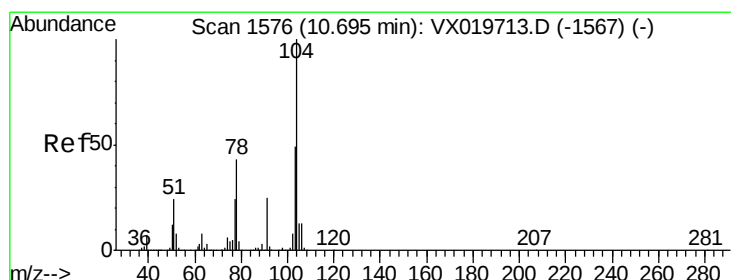
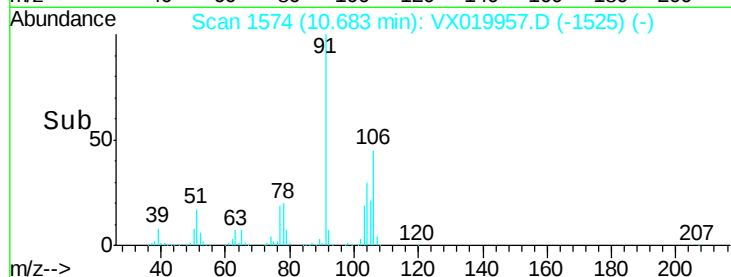
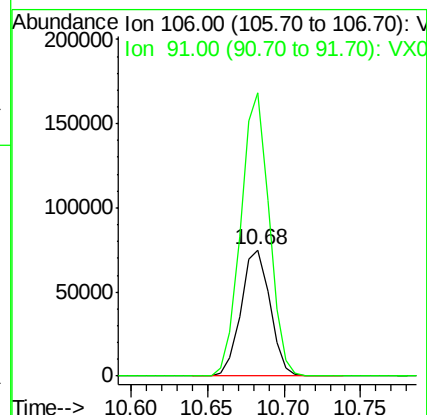
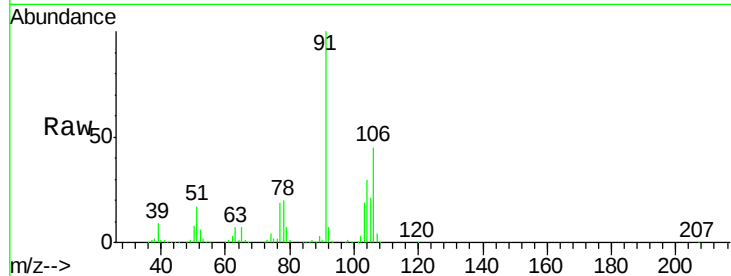




#69
o-Xylene
Concen: 19.269 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019957.D
Acq: 13 Dec 2020 01:42

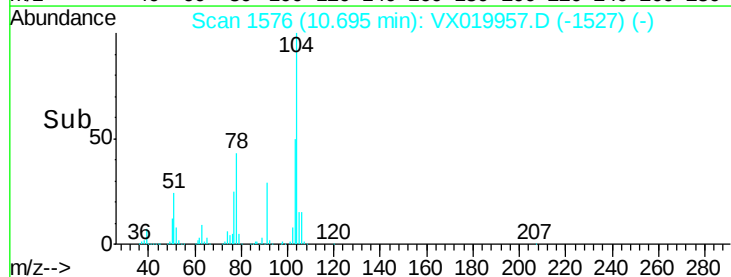
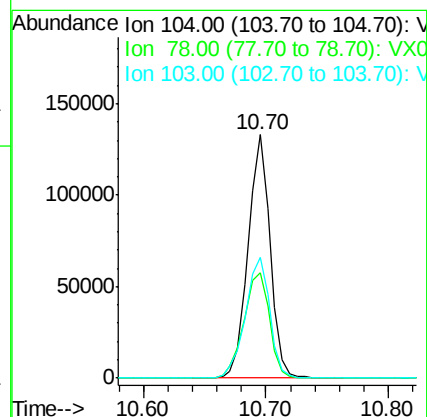
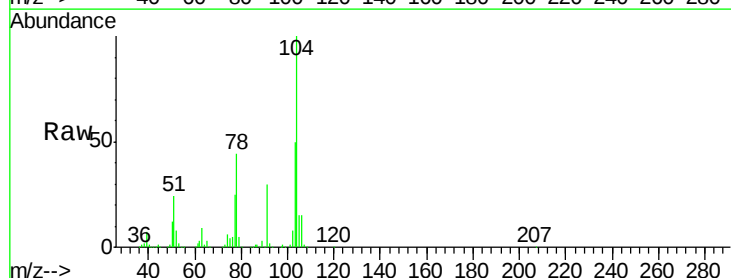
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD02

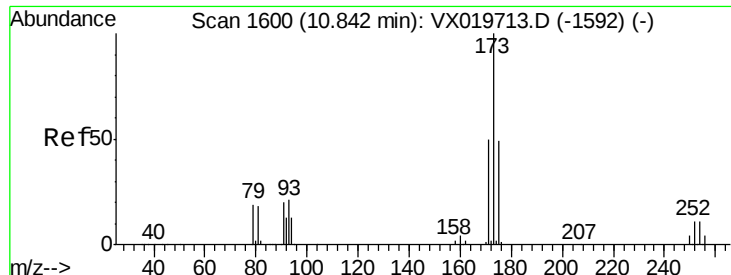
Tgt Ion:106 Resp: 98911
Ion Ratio Lower Upper
106 100
91 219.1 108.1 324.2



#70
Styrene
Concen: 19.116 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019957.D
Acq: 13 Dec 2020 01:42

Tgt Ion:104 Resp: 165623
Ion Ratio Lower Upper
104 100
78 50.7 40.0 60.0
103 55.0 43.4 65.0





#71

Bromoform

Concen: 18.720 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX019957.D

Acq: 13 Dec 2020 01:42

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBSD02

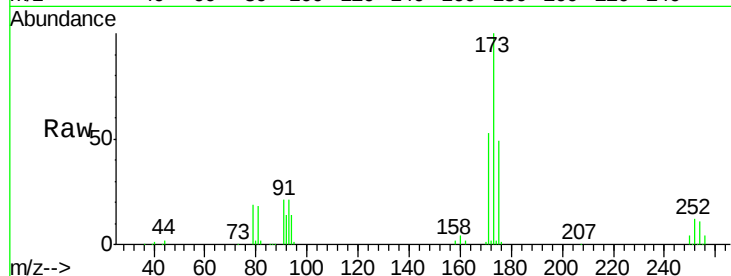
Tgt Ion:173 Resp: 42289

Ion Ratio Lower Upper

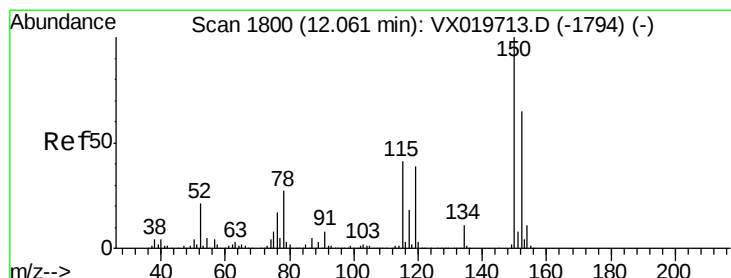
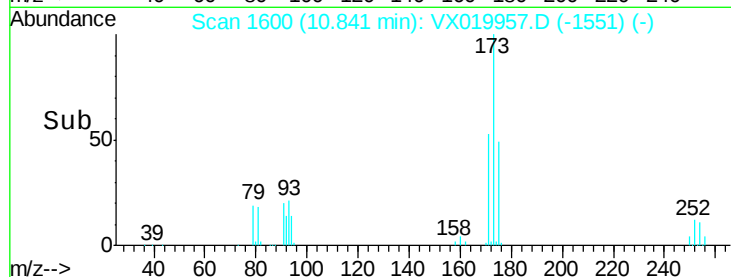
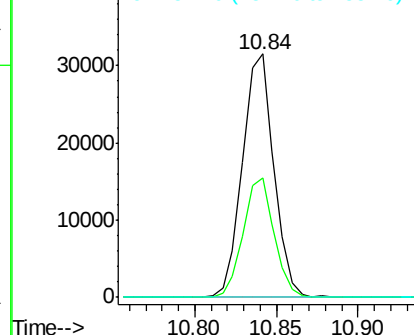
173 100

175 48.4 23.9 71.8

254 0.0 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: VX019957.D

Acq: 13 Dec 2020 01:42

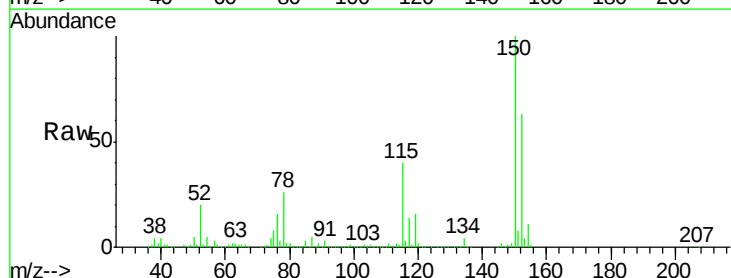
Tgt Ion:152 Resp: 195251

Ion Ratio Lower Upper

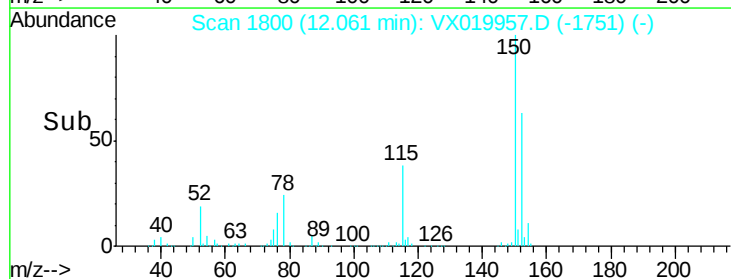
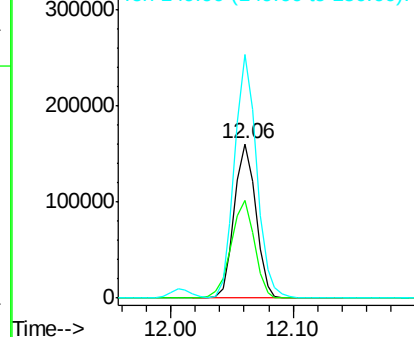
152 100

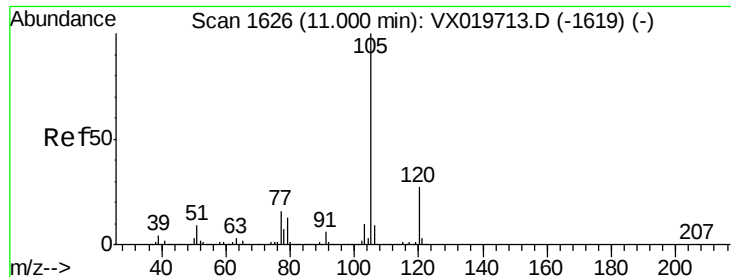
115 68.8 41.1 123.3

150 162.3 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: 19.890 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019957.D

Acq: 13 Dec 2020 01:42

Instrument :

MSVOA_X

ClientSampleId :

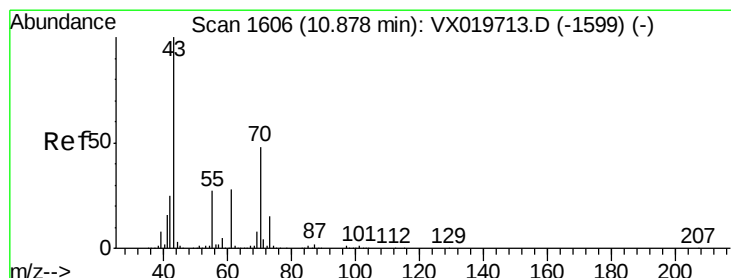
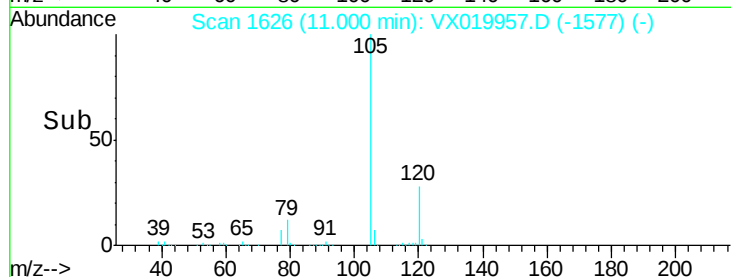
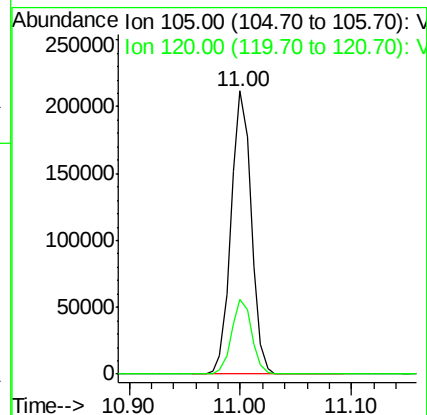
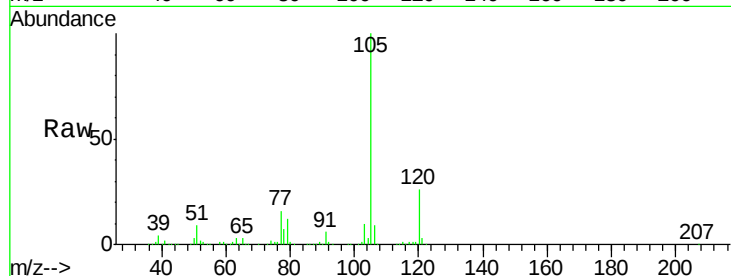
VX1212WBSD02

Tgt Ion: 105 Resp: 265319

Ion Ratio Lower Upper

105 100

120 26.2 13.2 39.6



#74

N-ethyl acetate

Concen: 19.796 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019957.D

Acq: 13 Dec 2020 01:42

Tgt Ion: 43 Resp: 105826

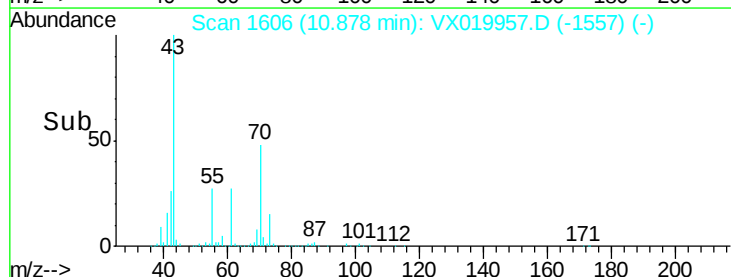
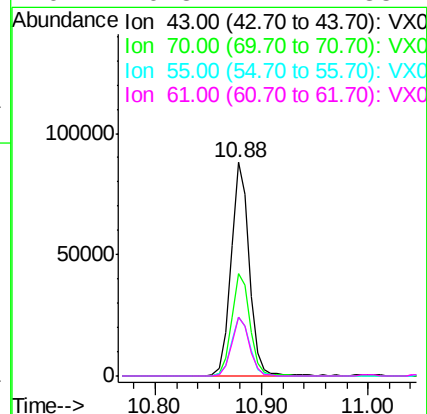
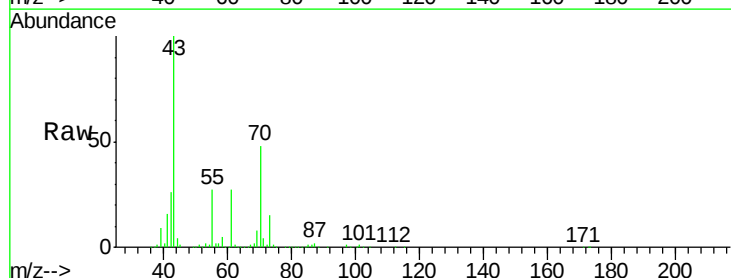
Ion Ratio Lower Upper

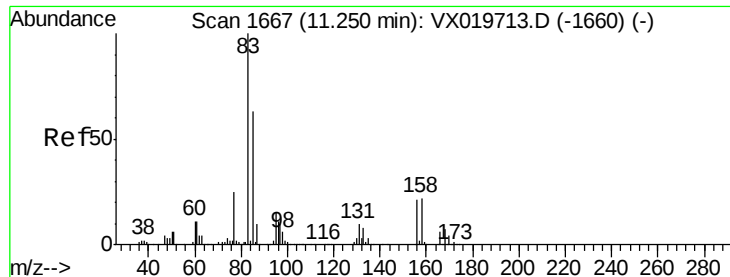
43 100

70 48.5 39.0 58.6

55 28.1 21.5 32.3

61 26.8 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 20.522 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019957.D

Acq: 13 Dec 2020 01:42

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBSD02

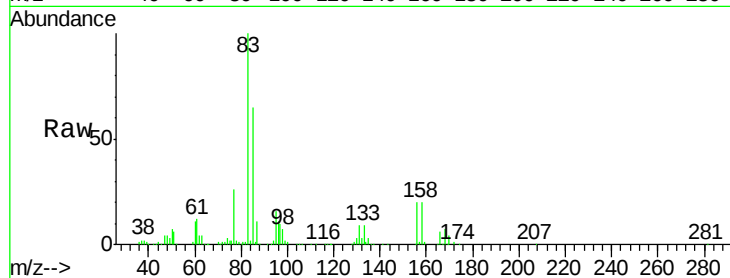
Tgt Ion: 83 Resp: 96513

Ion Ratio Lower Upper

83 100

131 9.7 5.1 15.2

85 65.7 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

11.25

80000

60000

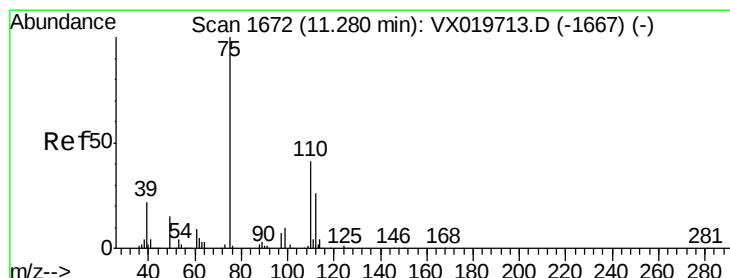
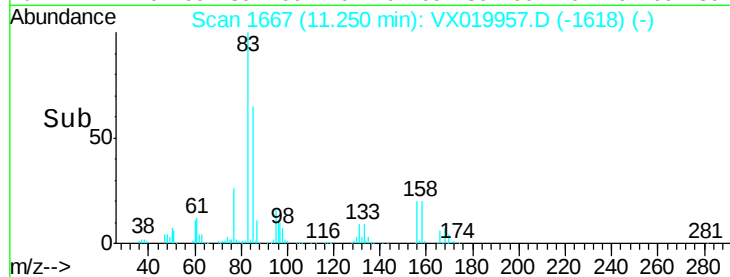
40000

20000

0

Time-->

11.20 11.30



#76

1,2,3-Trichloropropane

Concen: 24.535 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019957.D

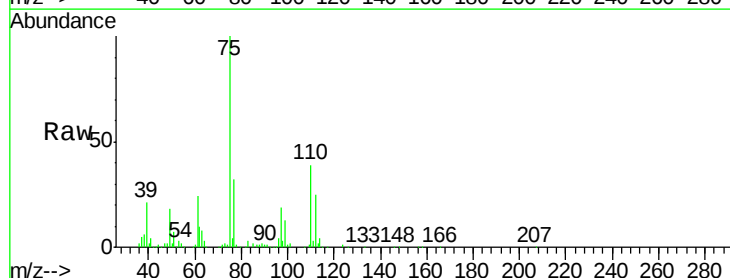
Acq: 13 Dec 2020 01:42

Tgt Ion: 75 Resp: 107442

Ion Ratio Lower Upper

75 100

77 31.5 19.1 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

11.28

80000

60000

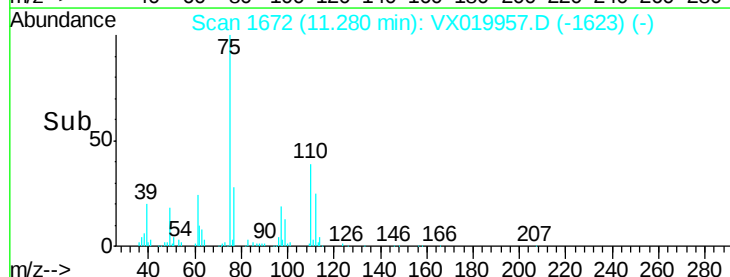
40000

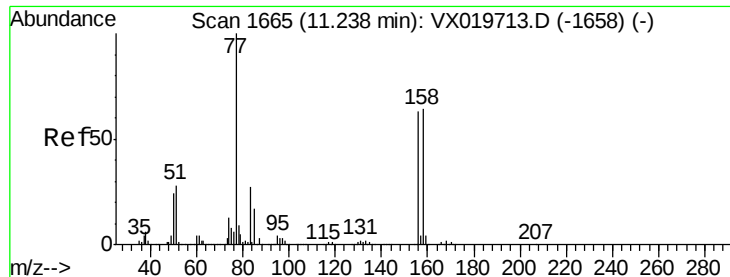
20000

0

Time-->

11.25 11.30





#77

Bromobenzene

Concen: 19.828 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019957.D

Acq: 13 Dec 2020 01:42

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBSD02

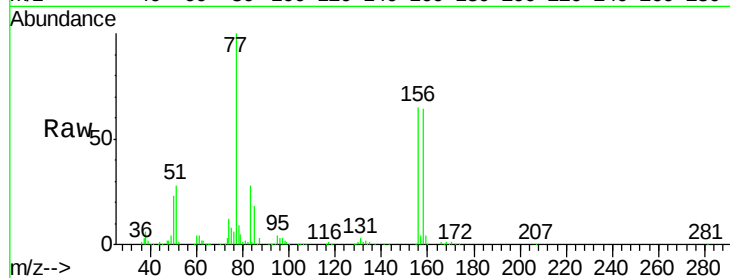
Tgt Ion:156 Resp: 67688

Ion Ratio Lower Upper

156 100

77 168.0 82.8 248.6

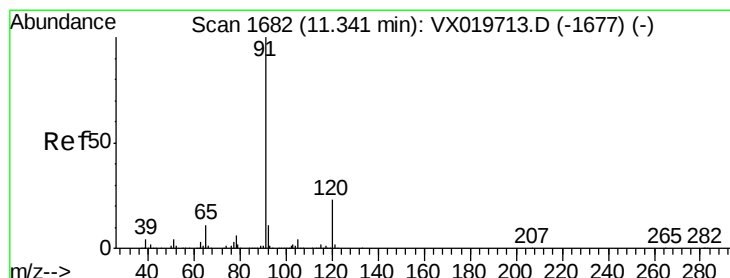
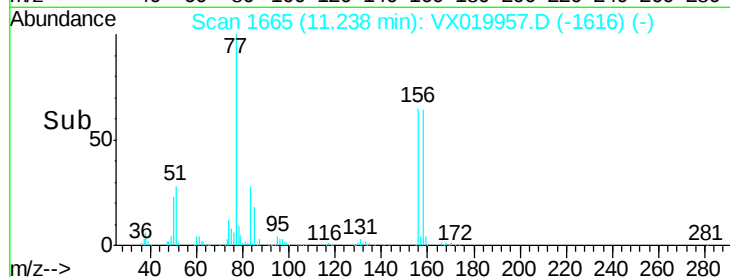
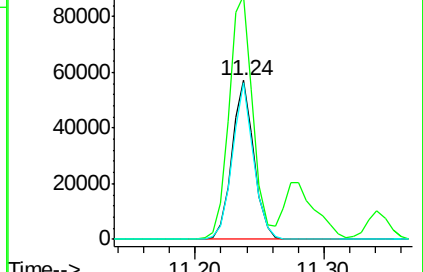
158 95.7 49.1 147.4



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: 19.715 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019957.D

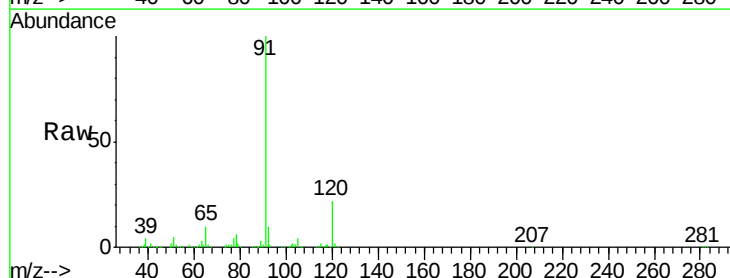
Acq: 13 Dec 2020 01:42

Tgt Ion: 91 Resp: 300377

Ion Ratio Lower Upper

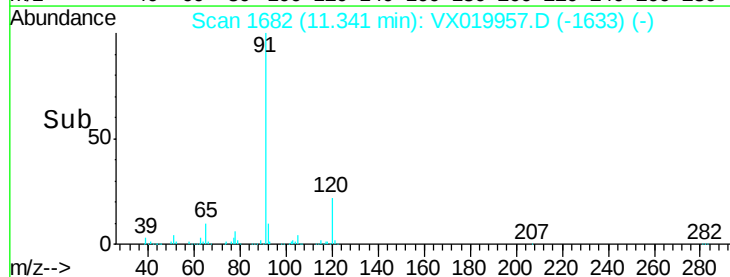
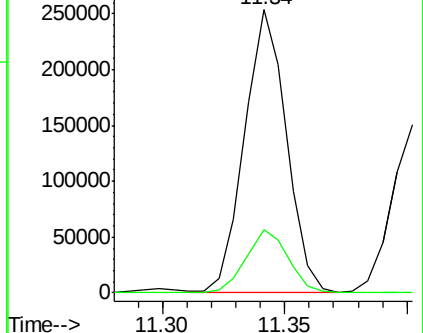
91 100

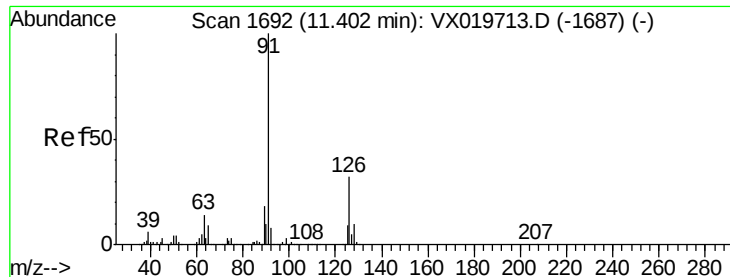
120 22.7 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

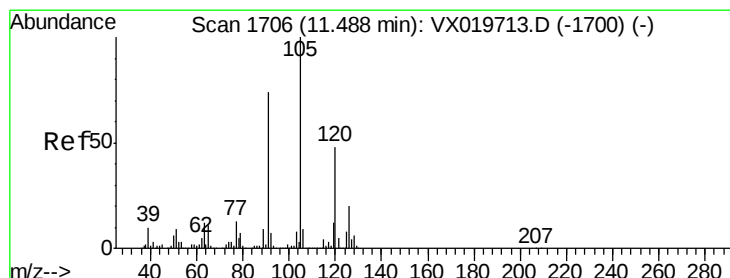
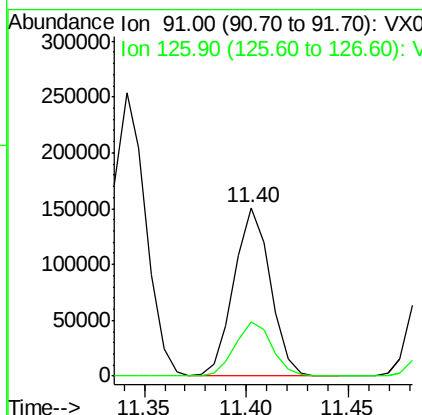
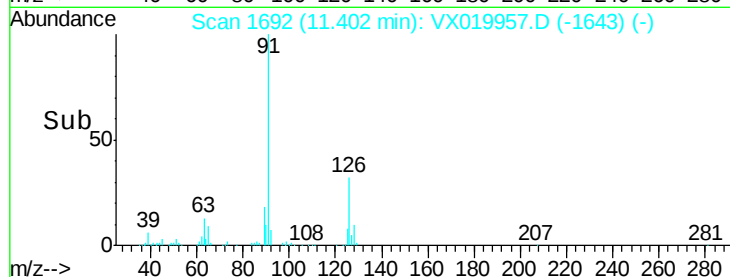
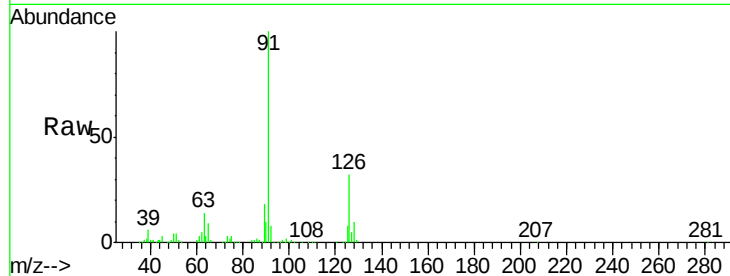




#79
 2-Chlorotoluene
 Concen: 19.780 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX019957.D
 Acq: 13 Dec 2020 01:42

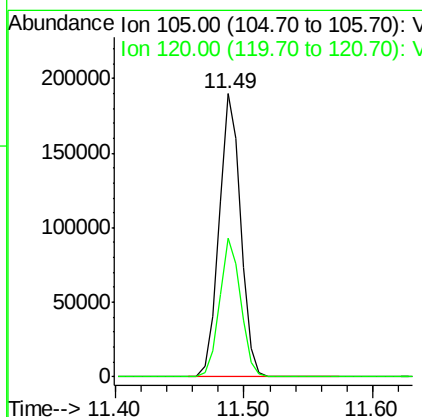
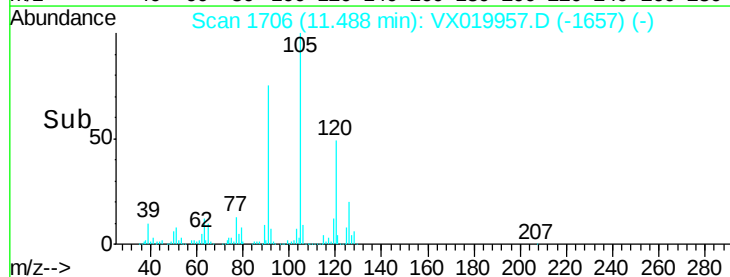
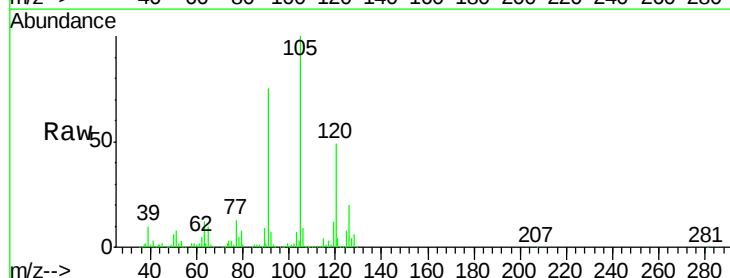
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBSD02

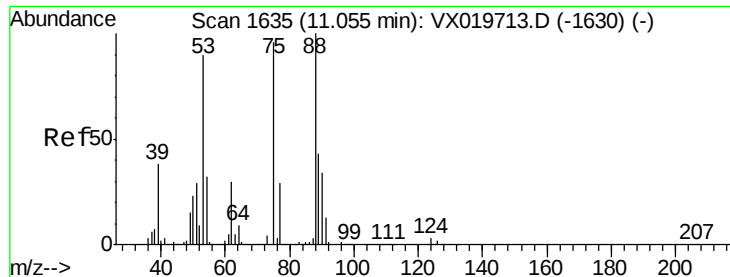
Tgt Ion: 91 Resp: 185587
 Ion Ratio Lower Upper
 91 100
 126 32.8 16.6 49.8



#80
 1,3,5-Trimethylbenzene
 Concen: 19.924 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VX019957.D
 Acq: 13 Dec 2020 01:42

Tgt Ion: 105 Resp: 224312
 Ion Ratio Lower Upper
 105 100
 120 48.2 23.8 71.5





#81

trans-1,4-Dichloro-2-butene

Concen: 17.342 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX019957.D

Acq: 13 Dec 2020 01:42

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBSD02

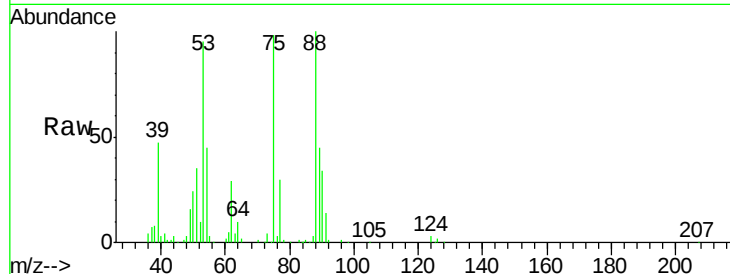
Tgt Ion: 75 Resp: 26271

Ion Ratio Lower Upper

75 100

53 98.3 74.5 111.7

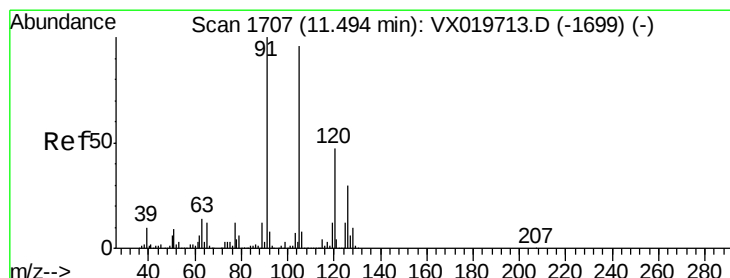
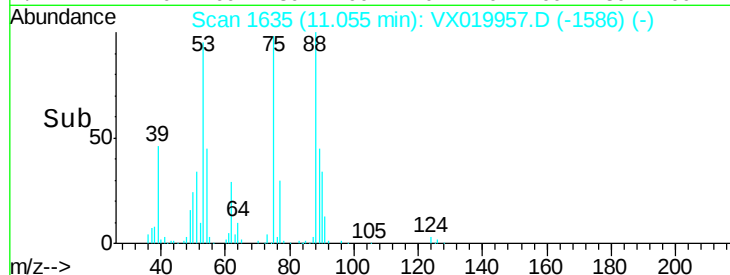
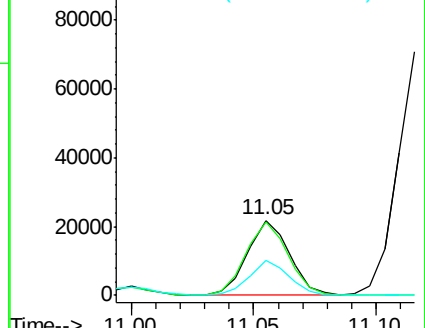
89 44.4 37.9 56.9



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: 19.662 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX019957.D

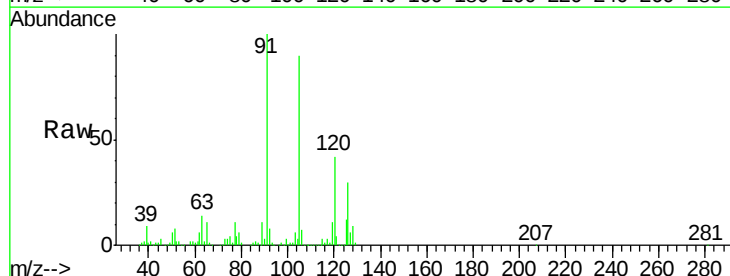
Acq: 13 Dec 2020 01:42

Tgt Ion: 91 Resp: 216060

Ion Ratio Lower Upper

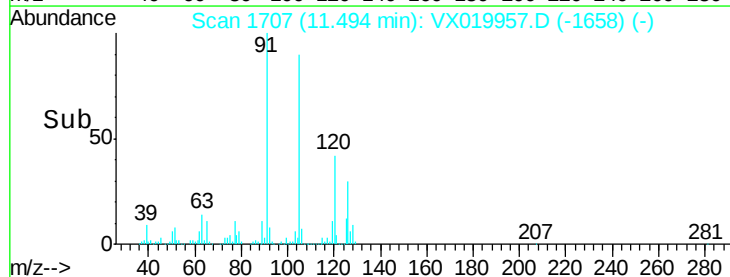
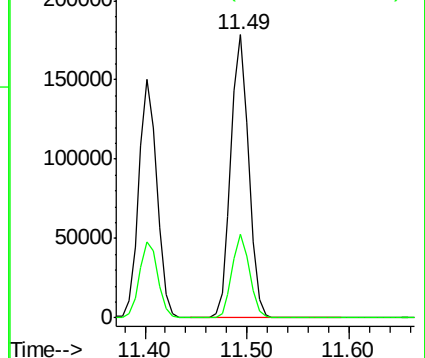
91 100

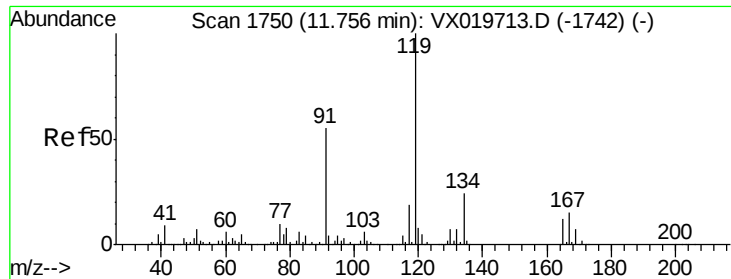
126 29.0 14.9 44.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

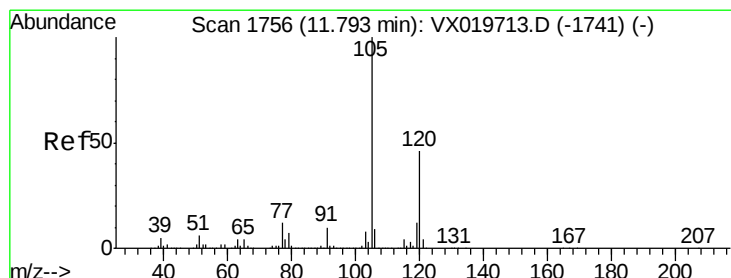
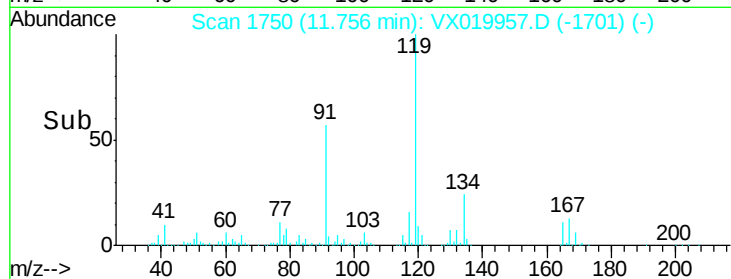
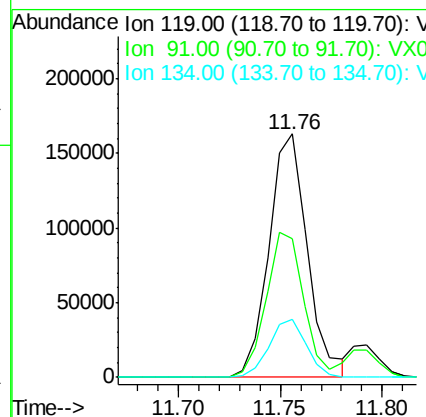
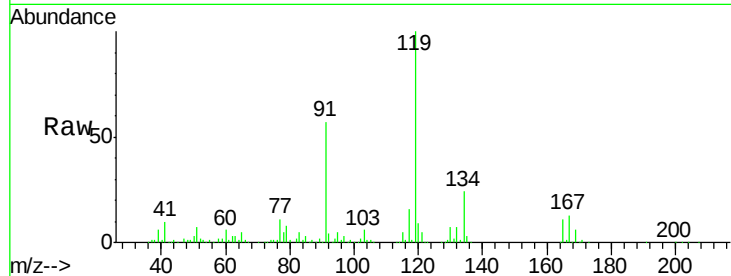




#83
 tert-Butylbenzene
 Concen: 19.393 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX019957.D
 Acq: 13 Dec 2020 01:42

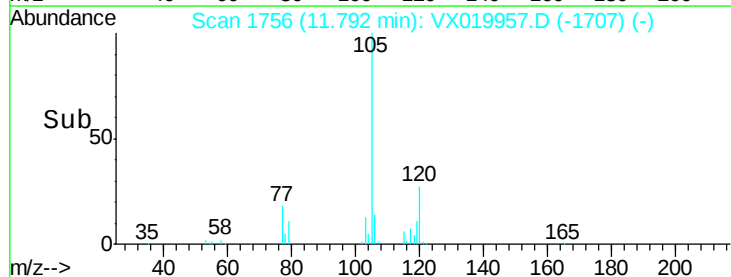
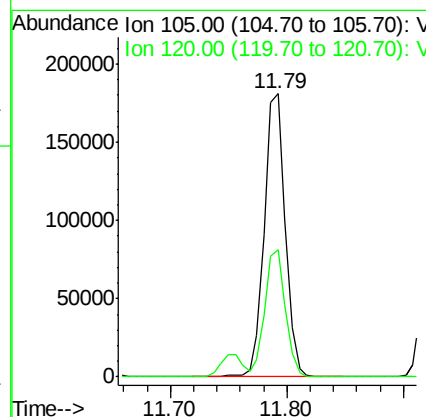
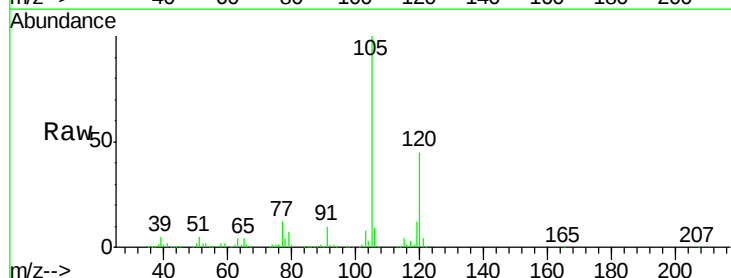
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBSD02

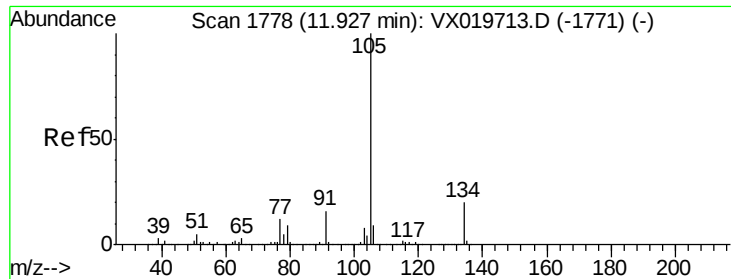
Tgt Ion:119 Resp: 214132
 Ion Ratio Lower Upper
 119 100
 91 58.1 27.9 83.7
 134 23.4 11.3 33.9



#84
 1,2,4-Trimethylbenzene
 Concen: 20.085 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX019957.D
 Acq: 13 Dec 2020 01:42

Tgt Ion:105 Resp: 227776
 Ion Ratio Lower Upper
 105 100
 120 44.0 22.4 67.3

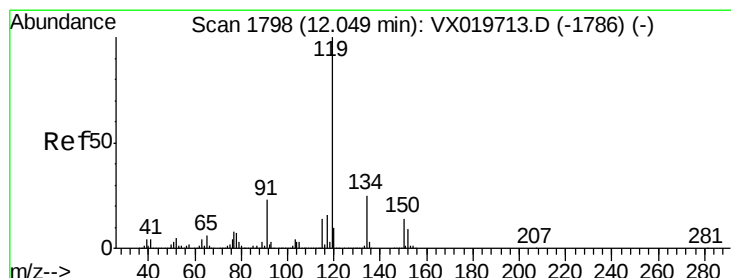
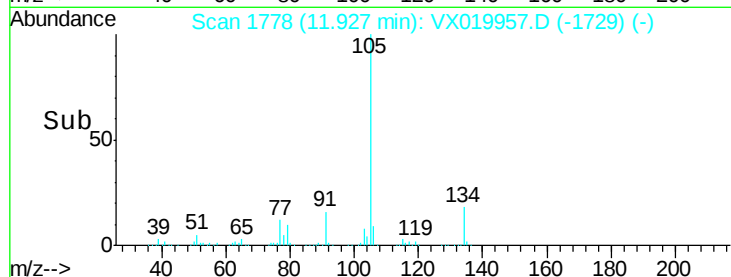
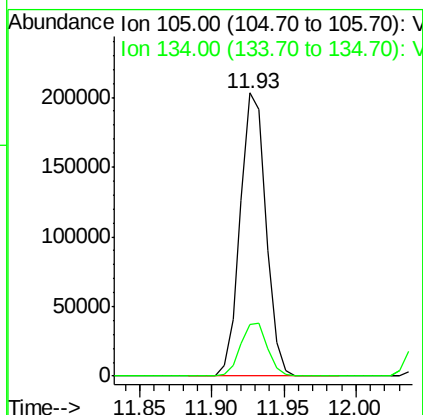
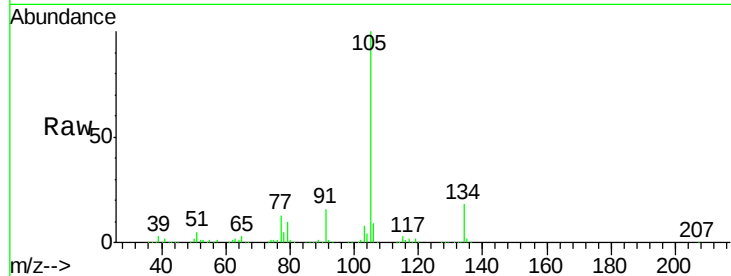




#85
 sec-Butylbenzene
 Concen: 20.004 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX019957.D
 Acq: 13 Dec 2020 01:42

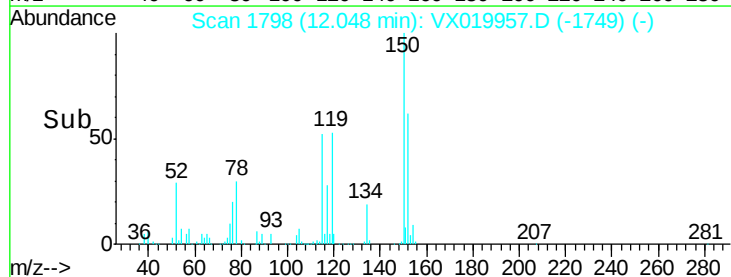
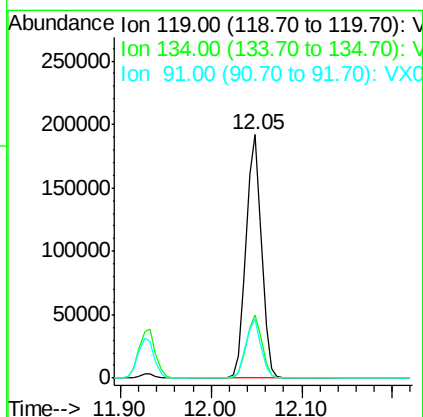
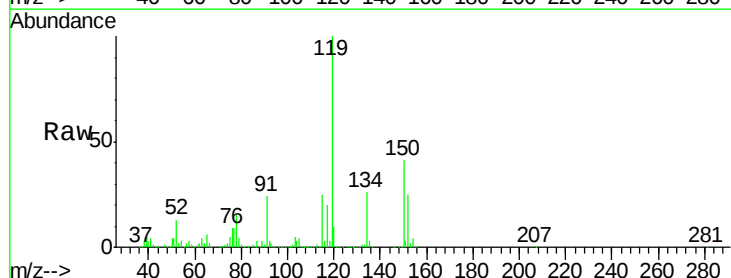
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBSD02

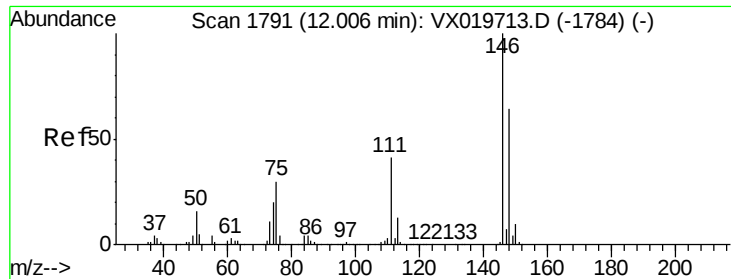
Tgt Ion:105 Resp: 252172
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 19.701 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX019957.D
 Acq: 13 Dec 2020 01:42

Tgt Ion:119 Resp: 227615
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.9 38.7
 91 23.7 11.7 35.0

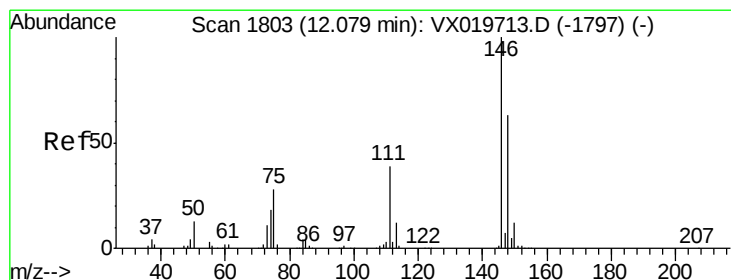
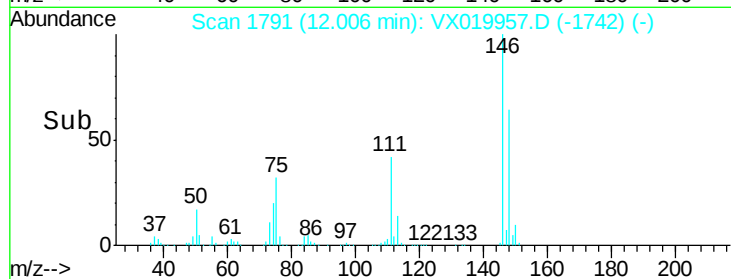
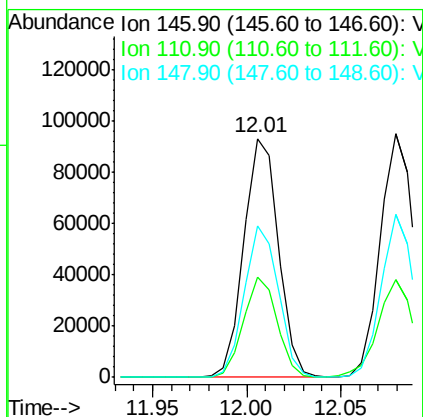
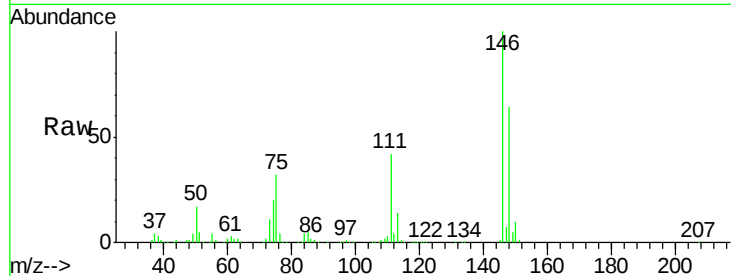




#87
 1,3-Dichlorobenzene
 Concen: 18.954 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX019957.D
 Acq: 13 Dec 2020 01:42

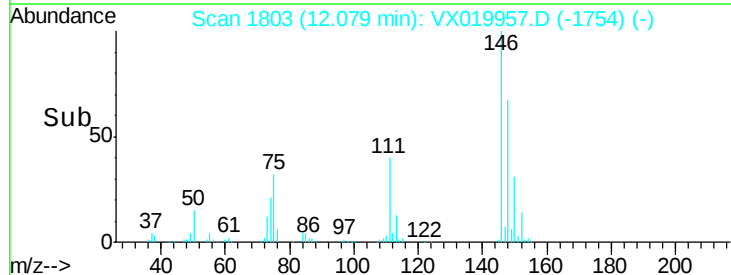
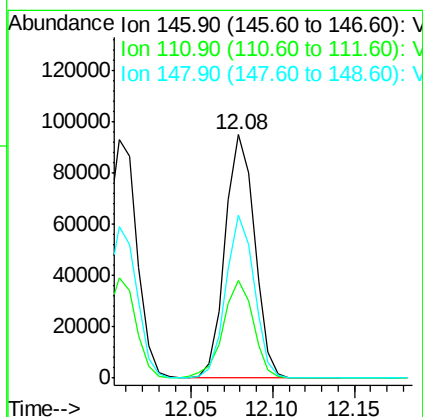
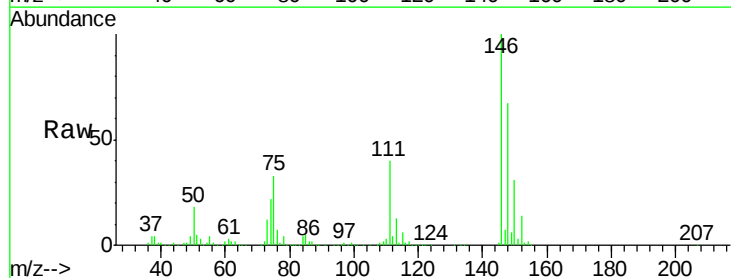
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBSD02

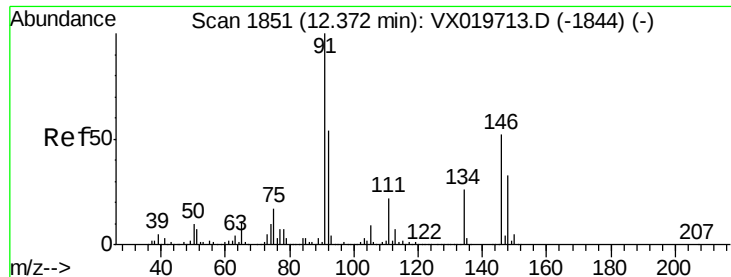
Tgt Ion:146 Resp: 118754
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.2 60.5
 148 62.8 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 18.789 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019957.D
 Acq: 13 Dec 2020 01:42

Tgt Ion:146 Resp: 119903
 Ion Ratio Lower Upper
 146 100
 111 41.2 19.6 58.8
 148 64.7 31.6 95.0

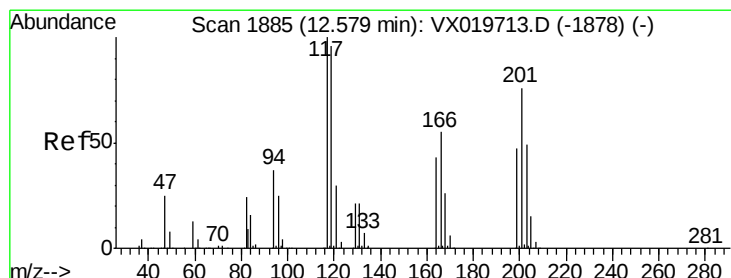
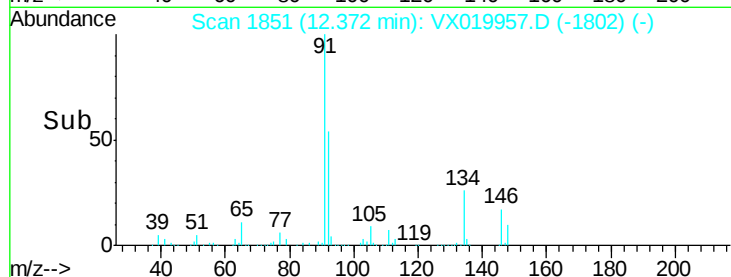
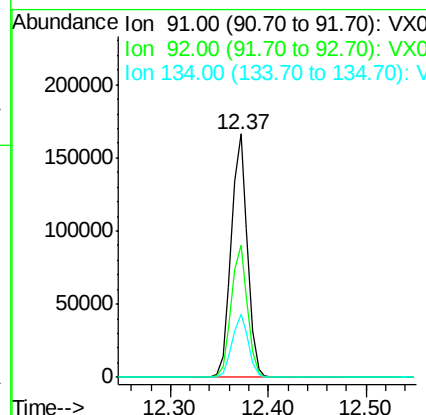
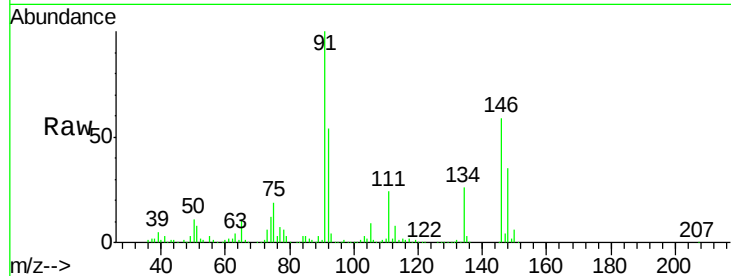




#89
n-Butylbenzene
Concen: 18.603 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019957.D
Acq: 13 Dec 2020 01:42

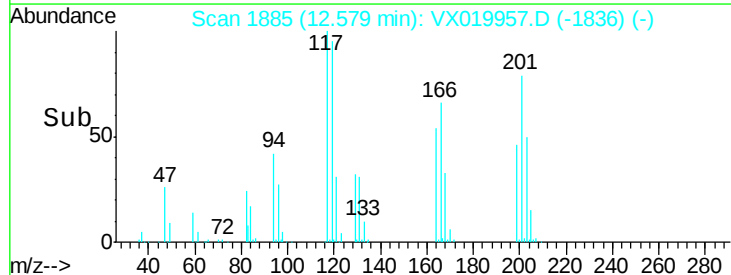
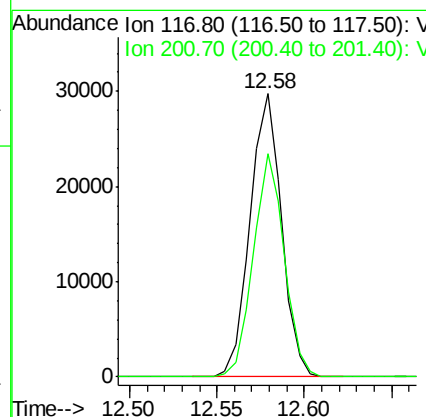
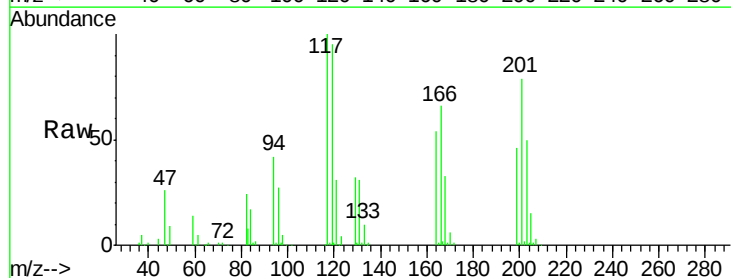
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD02

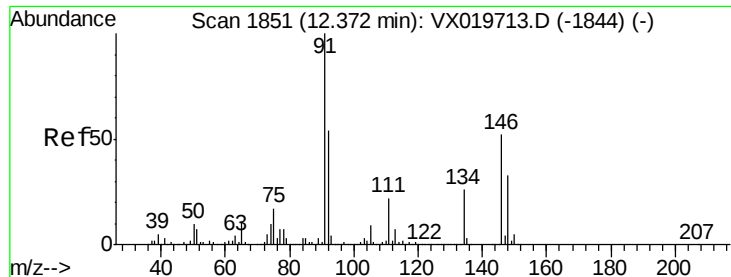
Tgt Ion: 91 Resp: 190420
Ion Ratio Lower Upper
91 100
92 54.3 27.4 82.0
134 25.8 13.2 39.5



#90
Hexachloroethane
Concen: 18.592 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019957.D
Acq: 13 Dec 2020 01:42

Tgt Ion: 117 Resp: 37084
Ion Ratio Lower Upper
117 100
201 77.4 40.4 121.2

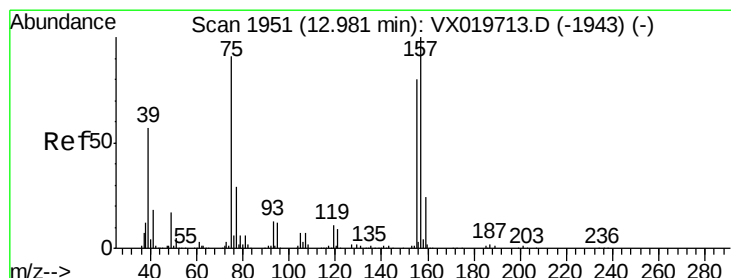
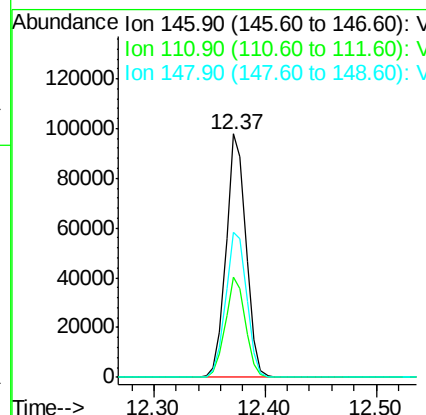
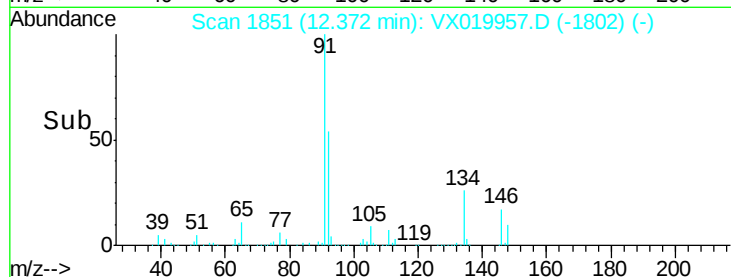
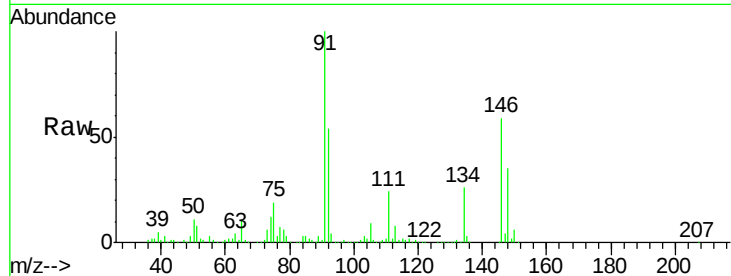




#91
 1,2-Dichlorobenzene
 Concen: 19.807 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX019957.D
 Acq: 13 Dec 2020 01:42

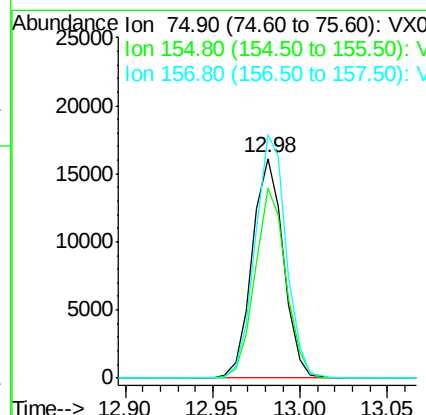
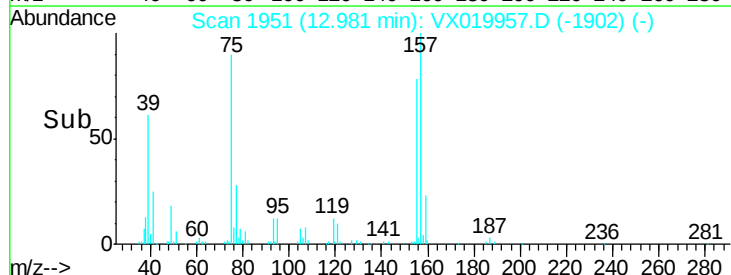
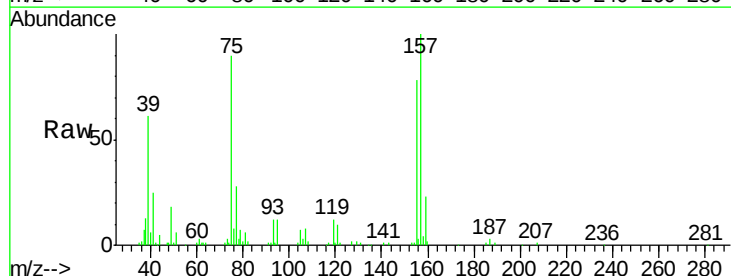
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBSD02

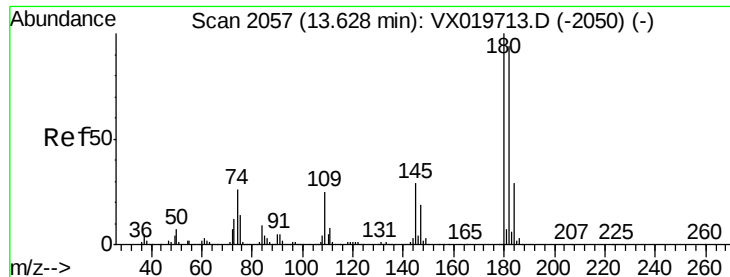
Tgt Ion:146 Resp: 120976
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.8 62.2
 148 62.9 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.761 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019957.D
 Acq: 13 Dec 2020 01:42

Tgt Ion: 75 Resp: 19979
 Ion Ratio Lower Upper
 75 100
 155 85.3 45.3 135.9
 157 110.4 57.7 173.1

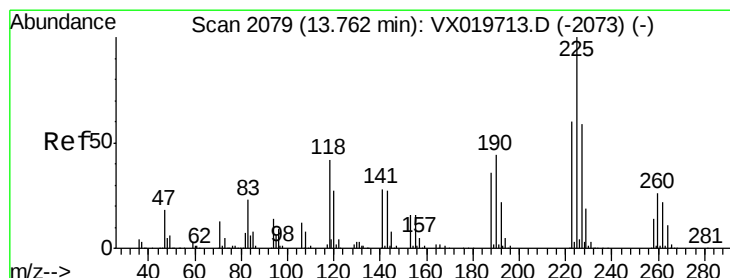
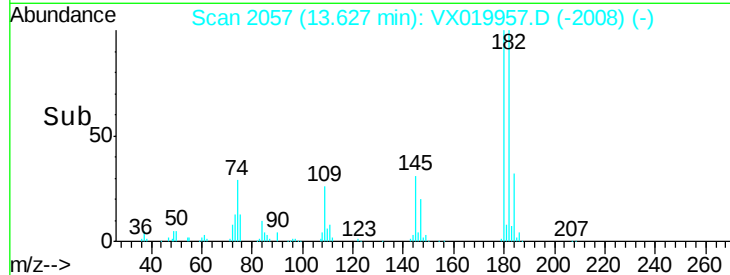
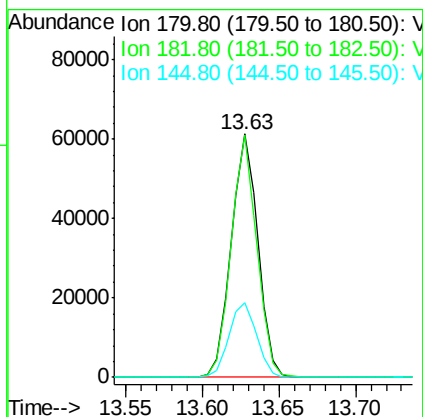
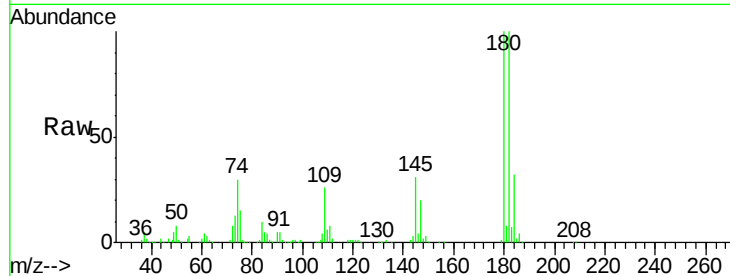




#93
 1,2,4-Trichlorobenzene
 Concen: 18.621 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019957.D
 Acq: 13 Dec 2020 01:42

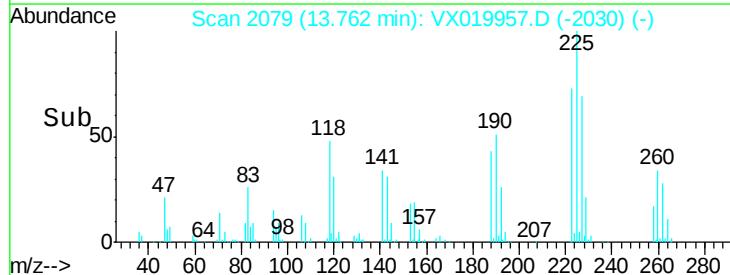
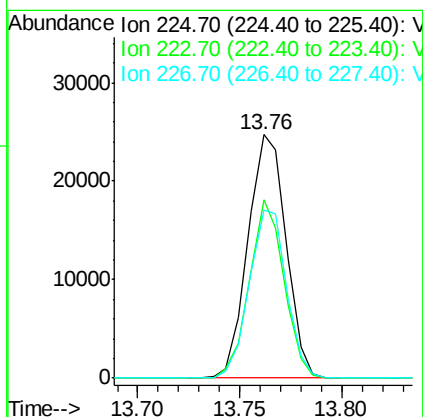
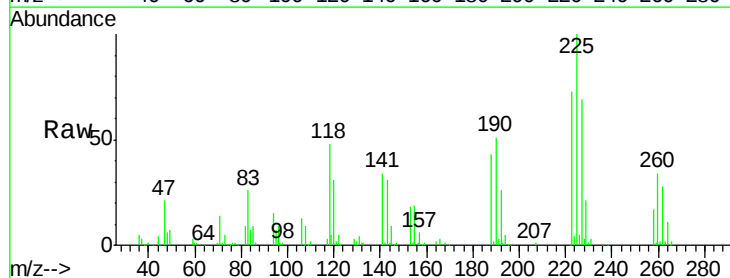
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBSD02

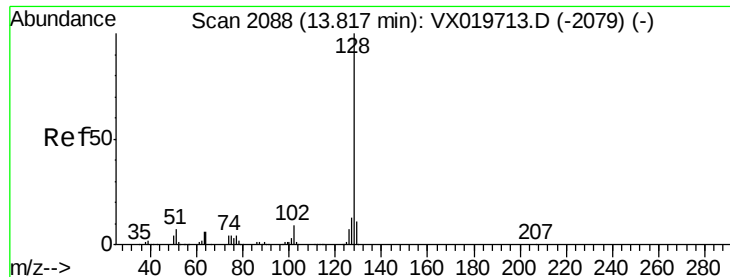
Tgt Ion:180 Resp: 74033
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.7 143.1
 145 31.7 15.0 45.0



#94
 Hexachlorobutadiene
 Concen: 18.070 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX019957.D
 Acq: 13 Dec 2020 01:42

Tgt Ion:225 Resp: 32111
 Ion Ratio Lower Upper
 225 100
 223 66.7 31.1 93.2
 227 67.5 31.6 95.0

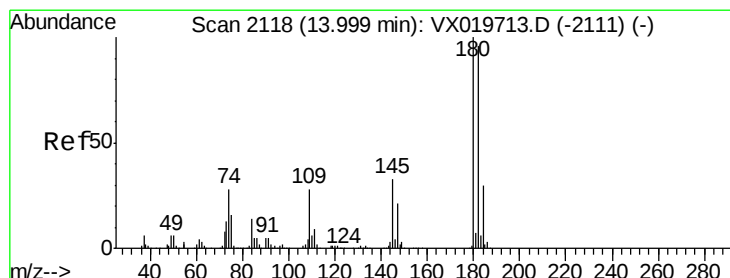
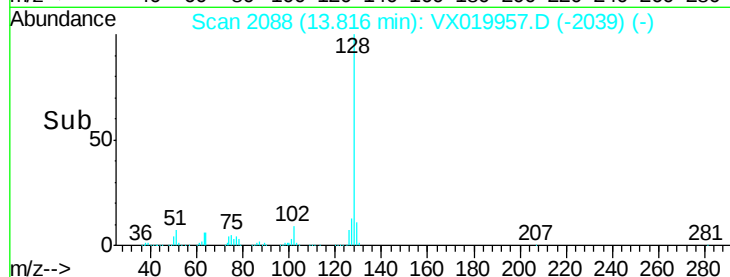
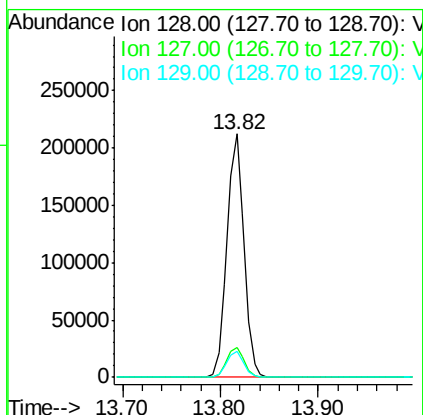
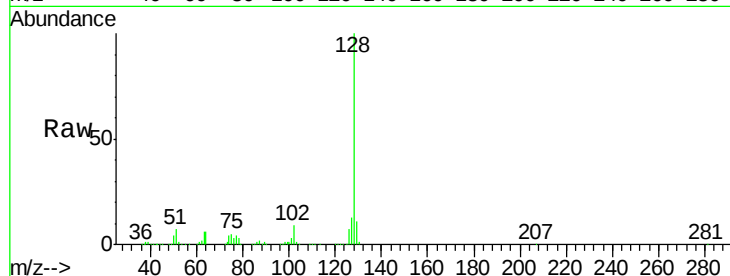




#95
Naphthalene
Concen: 19.948 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX019957.D
Acq: 13 Dec 2020 01:42

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD02

Tgt Ion:128 Resp: 257120
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.7 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 19.877 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019957.D
Acq: 13 Dec 2020 01:42

Tgt Ion:180 Resp: 77232
Ion Ratio Lower Upper
180 100
182 92.9 47.6 142.9
145 31.8 16.1 48.3

