

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121220\
 Data File : VX019929.D
 Acq On : 12 Dec 2020 14:05
 Operator : JC/MD
 Sample : VX1212WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBSD01

Quant Time: Dec 14 05:28:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	273218	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	435651	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	406104	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	199548	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	171313	47.71	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.42%	
35) Dibromofluoromethane		5.46	113	137280	48.76	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.52%	
50) Toluene-d8		8.70	98	525390	48.88	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.76%	
62) 4-Bromofluorobenzene		11.12	95	200010	48.89	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.78%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	43684	17.464	ug/l	99
3) Chloromethane	1.31	50	49217	16.730	ug/l	100
4) Vinyl Chloride	1.39	62	56188	18.114	ug/l	100
5) Bromomethane	1.62	94	33535	32.560	ug/l	98
6) Chloroethane	1.71	64	36708	19.700	ug/l	98
7) Trichlorofluoromethane	1.92	101	80361	18.603	ug/l	95
8) Diethyl Ether	2.17	74	35051	19.147	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	49412	19.956	ug/l	99
10) Methyl Iodide	2.49	142	56061	15.360	ug/l	99
11) Tert butyl alcohol	3.01	59	72044	95.980	ug/l	100
12) 1,1-Dichloroethene	2.36	96	47798	19.094	ug/l	98
13) Acrolein	2.27	56	27661	69.787	ug/l	99
14) Allyl chloride	2.70	41	78686	18.612	ug/l	97
15) Acrylonitrile	3.11	53	164569	101.377	ug/l	99
16) Acetone	2.42	43	135279	100.227	ug/l	100
17) Carbon Disulfide	2.55	76	112147	15.613	ug/l	99
18) Methyl Acetate	2.75	43	69987	21.190	ug/l	100
19) Methyl tert-butyl Ether	3.16	73	182386	20.006	ug/l	99
20) Methylene Chloride	2.83	84	61674	19.137	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	53887	18.464	ug/l	99
22) Diisopropyl ether	3.82	45	174397	20.402	ug/l	96
23) Vinyl Acetate	3.78	43	732350	100.563	ug/l	100
24) 1,1-Dichloroethane	3.67	63	99395	19.282	ug/l	99
25) 2-Butanone	4.62	43	211649	102.049	ug/l	98
26) 2,2-Dichloropropane	4.54	77	80932	18.232	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	64072	18.760	ug/l	99
28) Bromochloromethane	4.97	49	47582	19.364	ug/l	96
29) Tetrahydrofuran	5.08	42	132389	99.075	ug/l	99
30) Chloroform	5.17	83	103753	19.575	ug/l	99
31) Cyclohexane	5.54	56	82360	18.438	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	86155	18.875	ug/l	99
36) 1,1-Dichloropropene	5.76	75	74140	18.833	ug/l	98
37) Ethyl Acetate	4.79	43	79796	20.076	ug/l	100
38) Carbon Tetrachloride	5.75	117	72044	18.688	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121220\
 Data File : VX019929.D
 Acq On : 12 Dec 2020 14:05
 Operator : JC/MD
 Sample : VX1212WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBSD01

Quant Time: Dec 14 05:28:25 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)
39) Methylcyclohexane	7.44	83	86922	18.793	ug/l	99
40) Benzene	6.11	78	233840	19.445	ug/l	99
41) Methacrylonitrile	5.00	41	42877	19.647	ug/l	98
42) 1,2-Dichloroethane	6.16	62	83527	20.329	ug/l	100
43) Isopropyl Acetate	6.40	43	125400	19.405	ug/l	99
44) Trichloroethene	7.18	130	59894	18.983	ug/l	100
45) 1,2-Dichloropropane	7.48	63	60751	20.213	ug/l	96
46) Dibromomethane	7.63	93	39801	19.610	ug/l	99
47) Bromodichloromethane	7.87	83	78016	19.371	ug/l	97
48) Methyl methacrylate	7.74	41	62949	19.807	ug/l	98
49) 1,4-Dioxane	7.71	88	29757	386.508	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	407329	103.243	ug/l	100
52) Toluene	8.76	92	146764	19.513	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	84680	18.947	ug/l	97
54) cis-1,3-Dichloropropene	8.41	75	93058	19.166	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	61495	20.289	ug/l	99
56) Ethyl methacrylate	9.16	69	90380	19.709	ug/l	99
57) 1,3-Dichloropropane	9.35	76	104474	20.187	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	249233	102.594	ug/l	99
59) 2-Hexanone	9.47	43	307264	100.474	ug/l	100
60) Dibromochloromethane	9.56	129	60007	19.487	ug/l	100
61) 1,2-Dibromoethane	9.65	107	63803	19.824	ug/l	99
64) Tetrachloroethene	9.32	164	54795	20.120	ug/l	95
65) Chlorobenzene	10.12	112	156178	19.303	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.20	131	56373	19.358	ug/l	99
67) Ethyl Benzene	10.23	91	274434	19.109	ug/l	99
68) m/p-Xylenes	10.34	106	206993	38.250	ug/l	100
69) o-Xylene	10.68	106	99369	19.089	ug/l	99
70) Styrene	10.70	104	166205	18.916	ug/l	99
71) Bromoform	10.84	173	42173	18.409	ug/l #	98
73) Isopropylbenzene	11.00	105	267589	19.628	ug/l	99
74) N-amyl acetate	10.88	43	101790	18.631	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	96418	20.060	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	106365	23.766	ug/l	89
77) Bromobenzene	11.24	156	67581	19.371	ug/l	98
78) n-propylbenzene	11.34	91	304320	19.544	ug/l	99
79) 2-Chlorotoluene	11.40	91	186817	19.483	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	225659	19.613	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	27234	17.591	ug/l	93
82) 4-Chlorotoluene	11.49	91	219533	19.548	ug/l	98
83) tert-Butylbenzene	11.76	119	218182	19.335	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	230343	19.874	ug/l	99
85) sec-Butylbenzene	11.93	105	257440	19.982	ug/l	99
86) p-Isopropyltoluene	12.05	119	234047	19.822	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	120965	18.891	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	123005	18.860	ug/l	99
89) n-Butylbenzene	12.37	91	202563	19.363	ug/l	99
90) Hexachloroethane	12.58	117	37820	18.553	ug/l	98
91) 1,2-Dichlorobenzene	12.37	146	119916	19.211	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	19867	19.227	ug/l	93

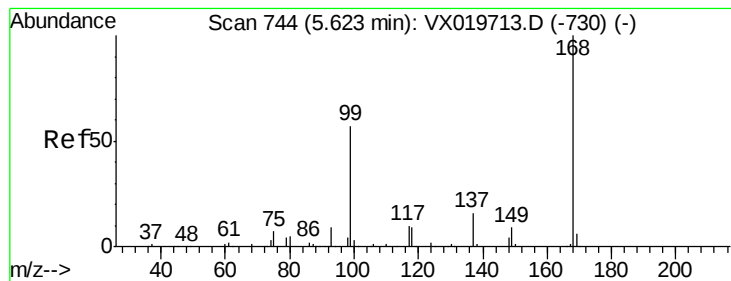
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121220\
Data File : VX019929.D
Acq On : 12 Dec 2020 14:05
Operator : JC/MD
Sample : VX1212WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD01

Quant Time: Dec 14 05:28:25 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)
93) 1,2,4-Trichlorobenzene	13.63	180	77840	19.157	ug/l	98
94) Hexachlorobutadiene	13.76	225	36002	19.823	ug/l	96
95) Naphthalene	13.82	128	254586	19.326	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	77119	19.420	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. 0.00 min

Lab File: VX019929.D

Acq: 12 Dec 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

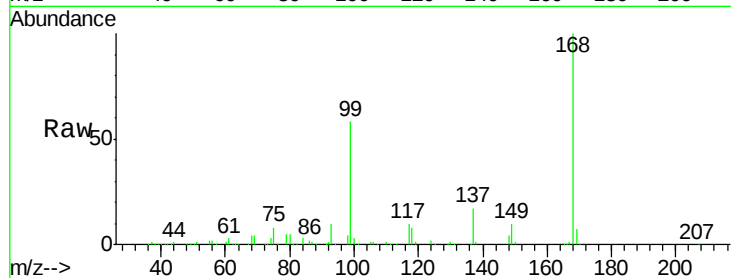
VX1212WBSD01

Tgt Ion:168 Resp: 273218

Ion Ratio Lower Upper

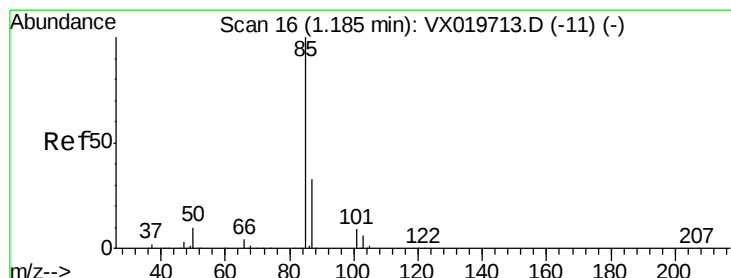
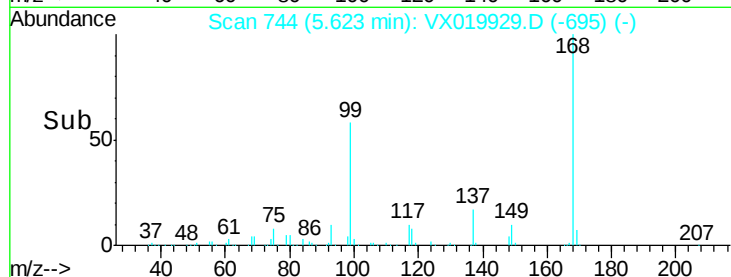
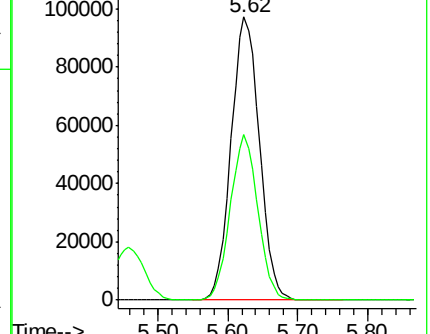
168 100

99 58.3 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: 17.464 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX019929.D

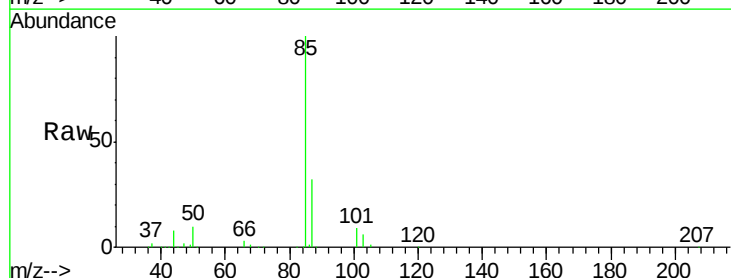
Acq: 12 Dec 2020 14:05

Tgt Ion: 85 Resp: 43684

Ion Ratio Lower Upper

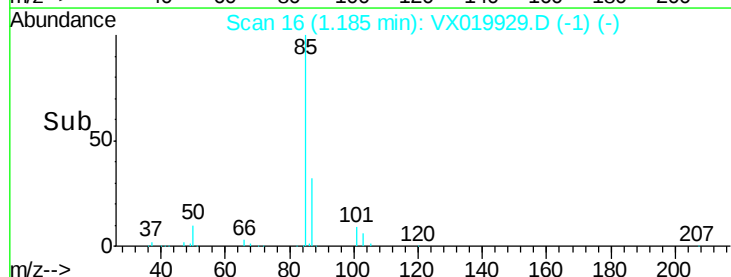
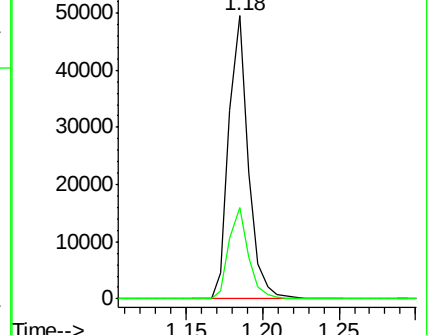
85 100

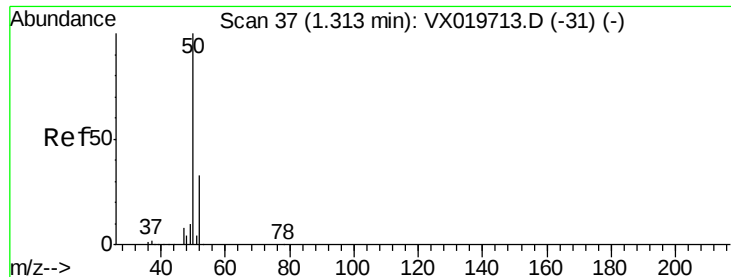
87 32.5 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 16.730 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019929.D

Acq: 12 Dec 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

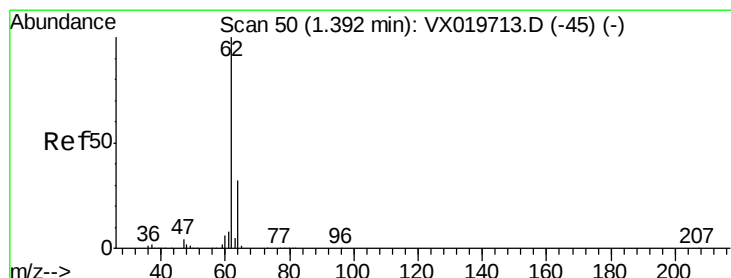
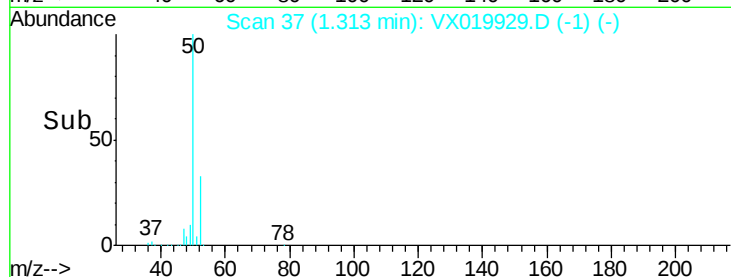
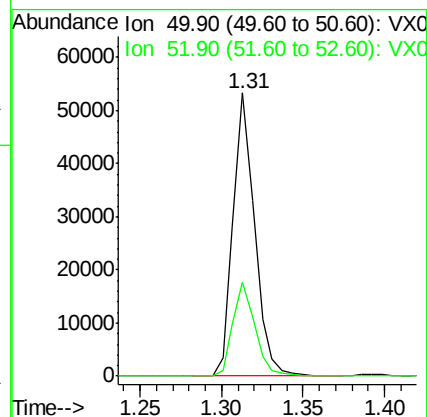
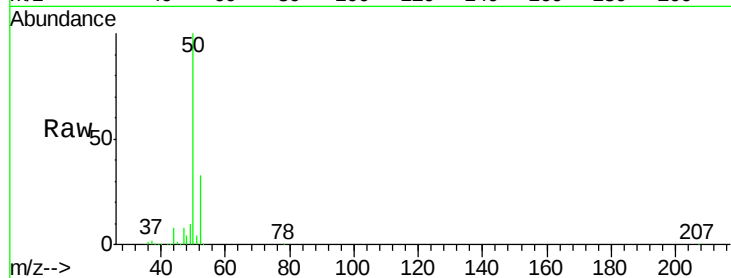
VX1212WBSD01

Tgt Ion: 50 Resp: 49217

Ion Ratio Lower Upper

50 100

52 33.1 26.4 39.6



#4

Vinyl Chloride

Concen: 18.114 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019929.D

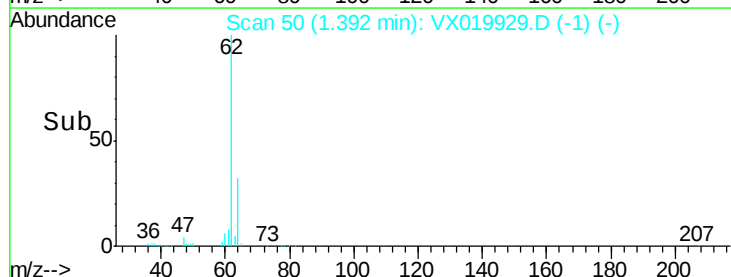
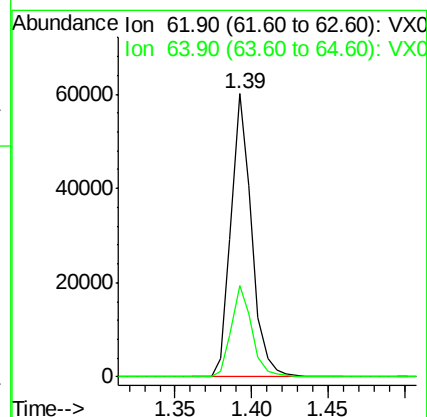
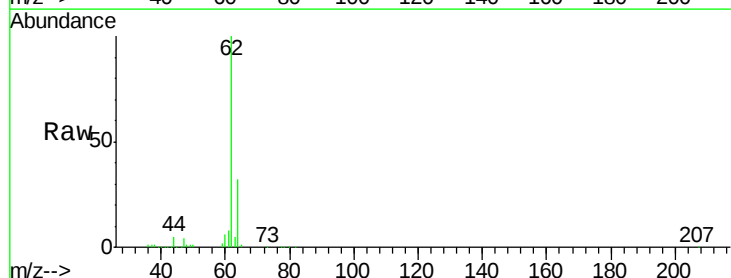
Acq: 12 Dec 2020 14:05

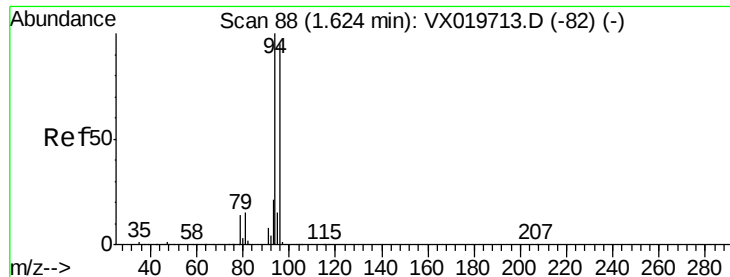
Tgt Ion: 62 Resp: 56188

Ion Ratio Lower Upper

62 100

64 32.1 25.7 38.5





#5

Bromomethane

Concen: 32.560 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX019929.D

Acq: 12 Dec 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

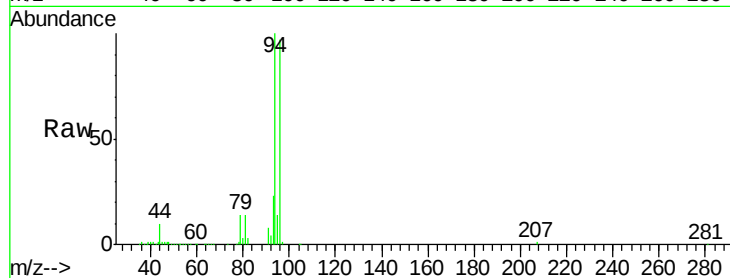
VX1212WBSD01

Tgt Ion: 94 Resp: 33535

Ion Ratio Lower Upper

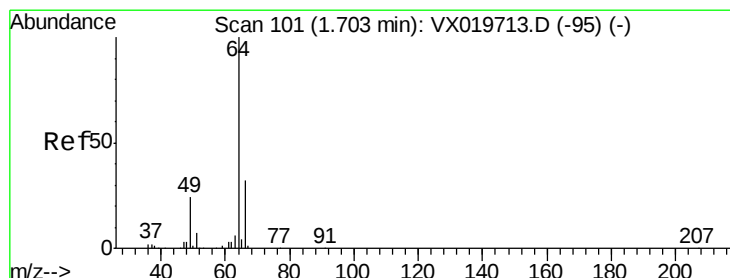
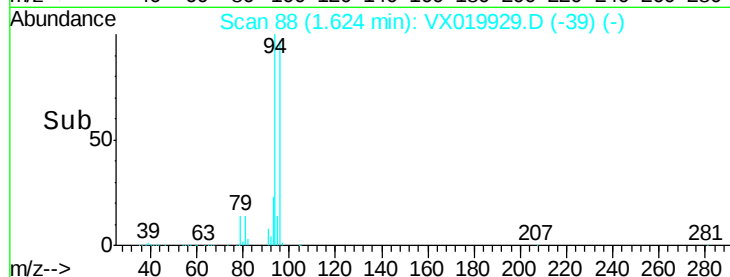
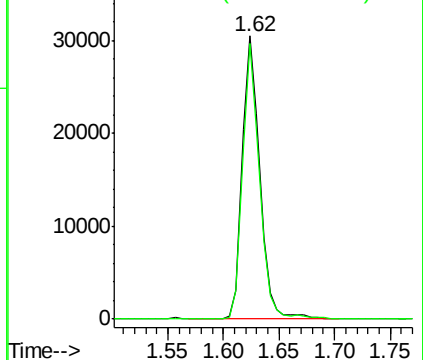
94 100

96 97.3 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: 19.700 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX019929.D

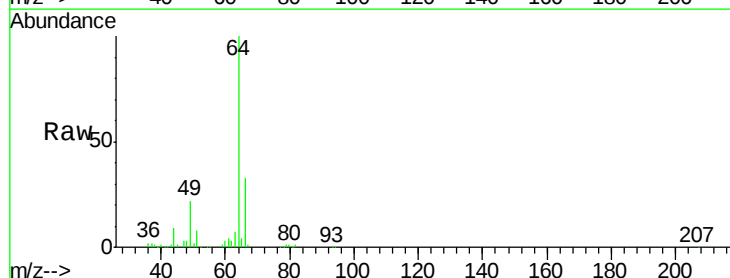
Acq: 12 Dec 2020 14:05

Tgt Ion: 64 Resp: 36708

Ion Ratio Lower Upper

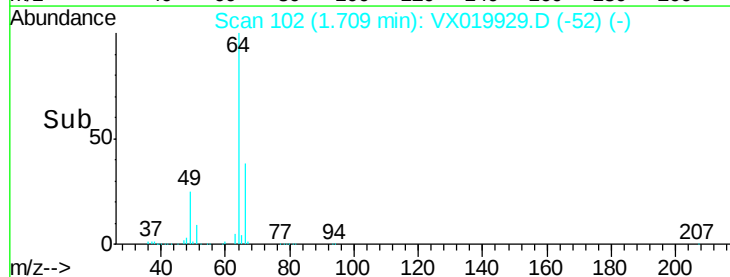
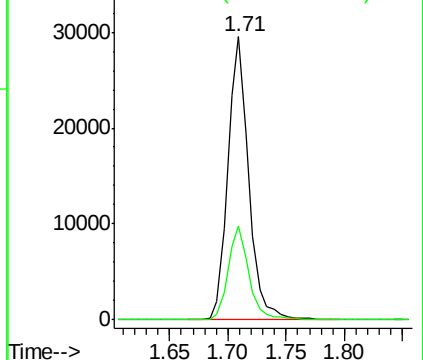
64 100

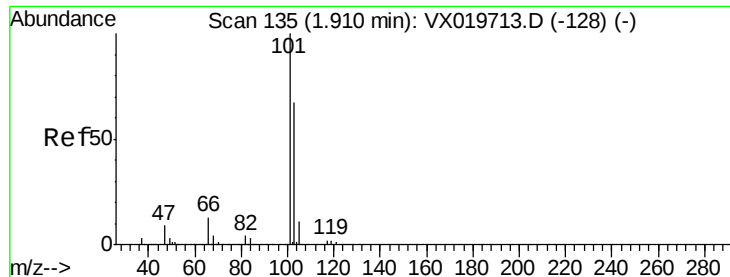
66 33.0 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



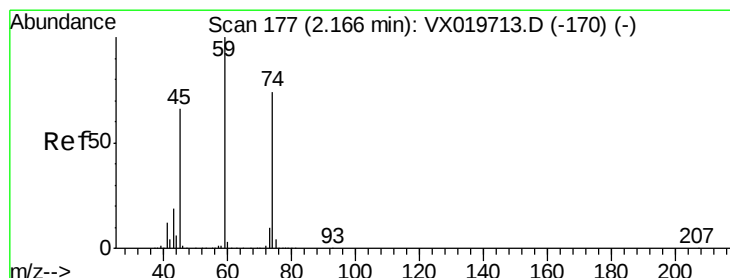
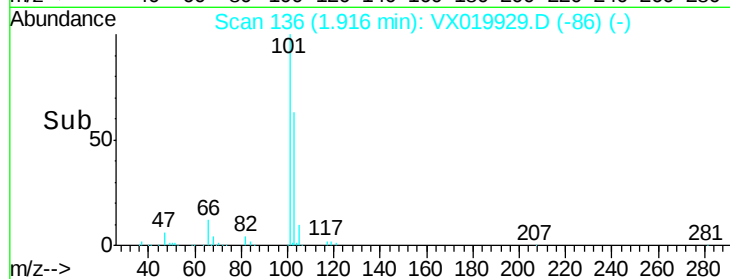
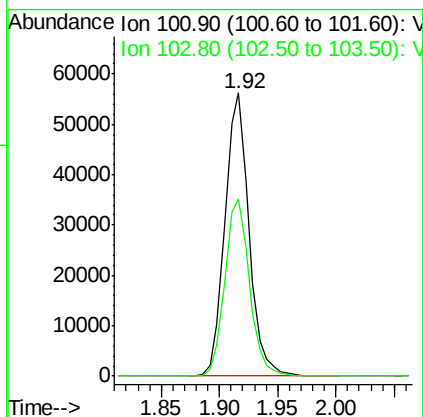
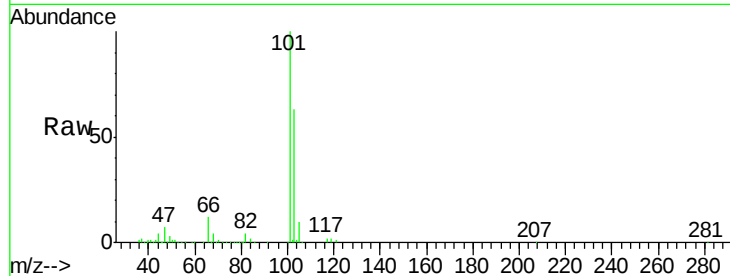


#7

Trichlorofluoromethane
 Concen: 18.603 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. 0.01 min
 Lab File: VX019929.D
 Acq: 12 Dec 2020 14:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBSD01

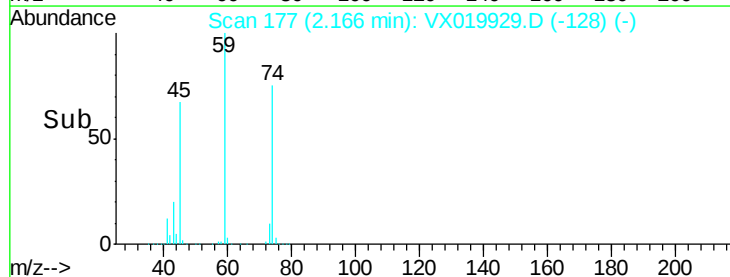
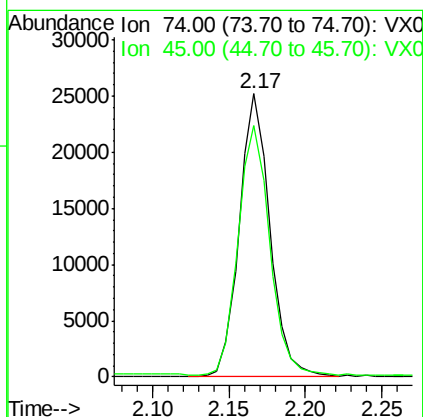
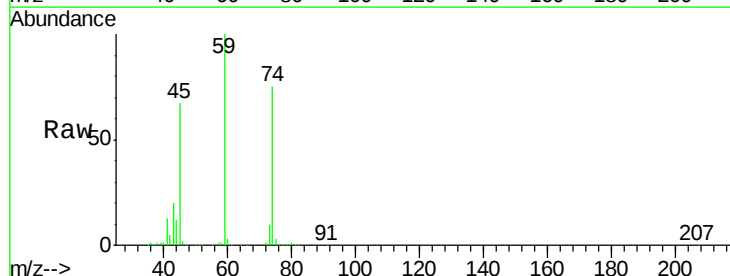
Tgt Ion: 101 Resp: 80361
 Ion Ratio Lower Upper
 101 100
 103 62.7 53.2 79.8

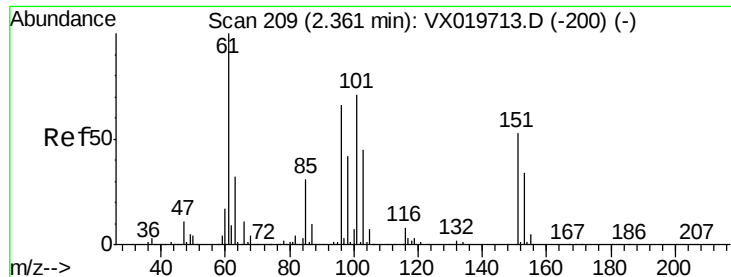


#8

Diethyl Ether
 Concen: 19.147 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX019929.D
 Acq: 12 Dec 2020 14:05

Tgt Ion: 74 Resp: 35051
 Ion Ratio Lower Upper
 74 100
 45 91.0 44.5 133.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.956 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX019929.D

Acq: 12 Dec 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBSD01

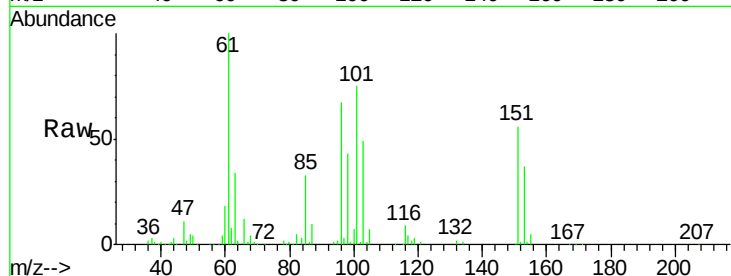
Tgt Ion:101 Resp: 49412

Ion Ratio Lower Upper

101 100

85 43.9 34.9 52.3

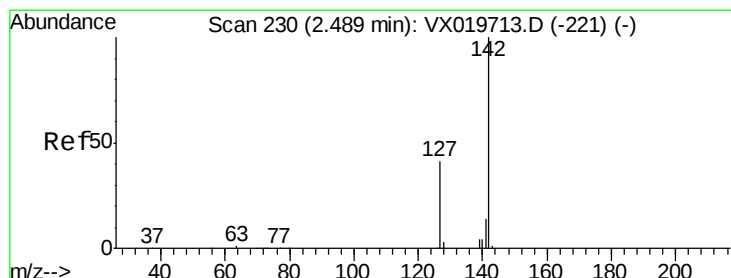
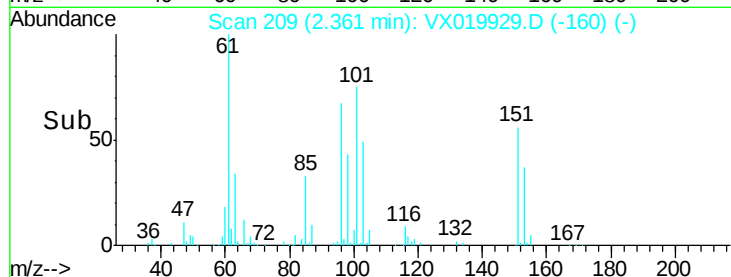
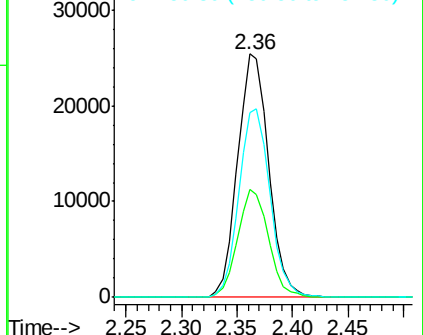
151 77.4 61.4 92.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 15.360 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX019929.D

Acq: 12 Dec 2020 14:05

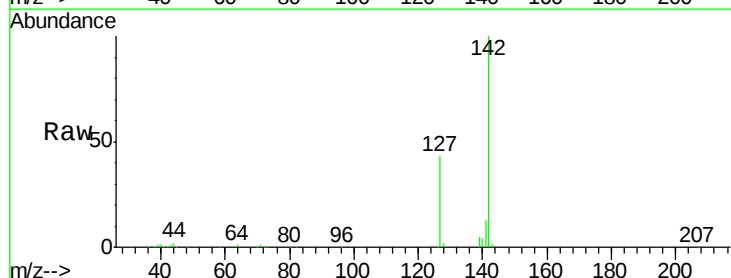
Tgt Ion:142 Resp: 56061

Ion Ratio Lower Upper

142 100

127 42.4 33.3 49.9

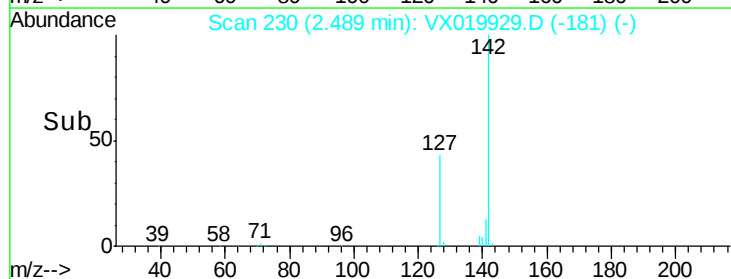
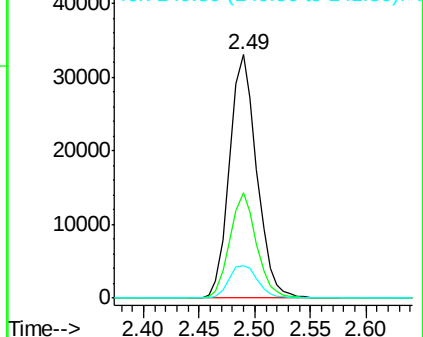
141 14.4 11.4 17.0

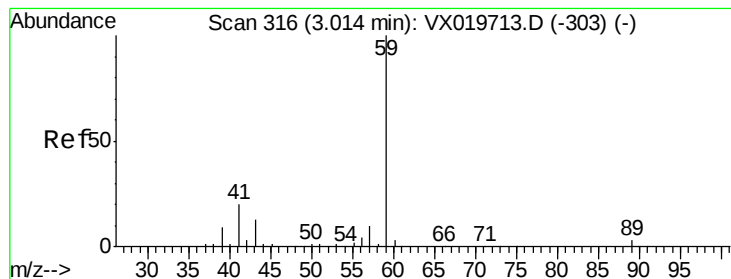


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 95.980 ug/l

RT: 3.01 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX019929.D

Acq: 12 Dec 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

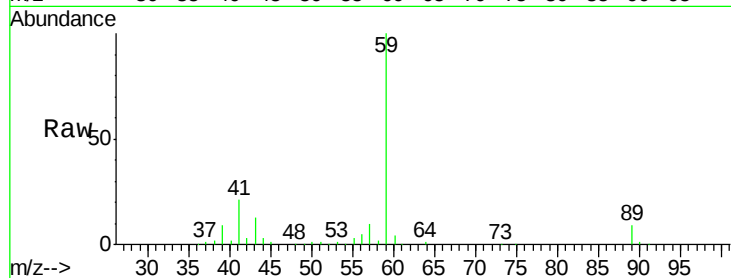
VX1212WBSD01

Tgt Ion: 59 Resp: 72044

Ion Ratio Lower Upper

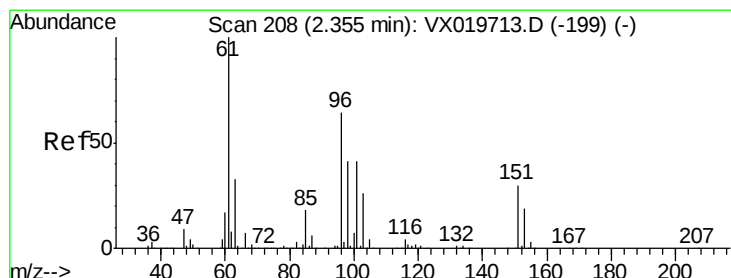
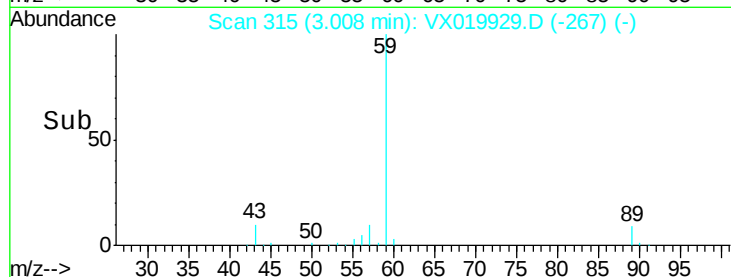
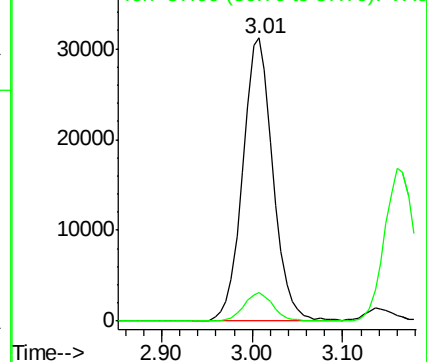
59 100

57 9.7 7.8 11.8



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#12

1,1-Dichloroethene

Concen: 19.094 ug/l

RT: 2.36 min Scan# 208

Delta R.T. 0.00 min

Lab File: VX019929.D

Acq: 12 Dec 2020 14:05

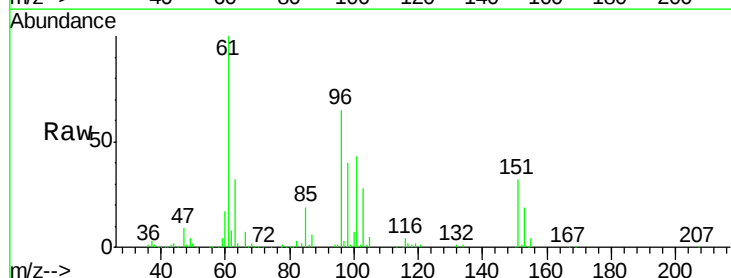
Tgt Ion: 96 Resp: 47798

Ion Ratio Lower Upper

96 100

61 152.8 124.6 187.0

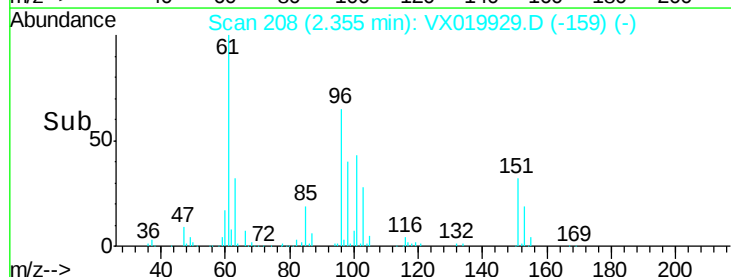
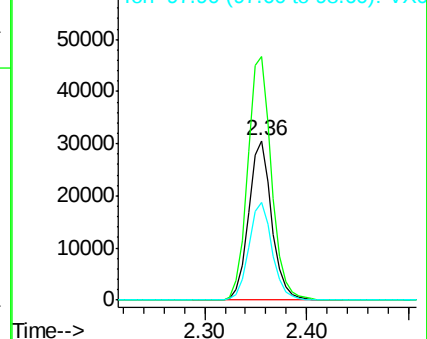
98 61.4 50.6 76.0

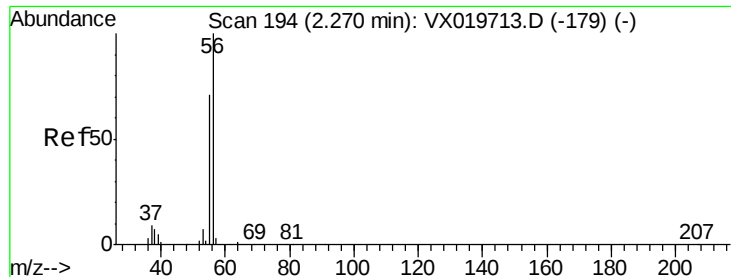


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#13

Acrolein

Concen: 69.787 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX019929.D

Acq: 12 Dec 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

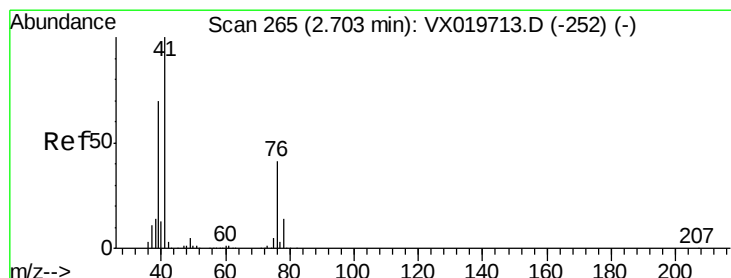
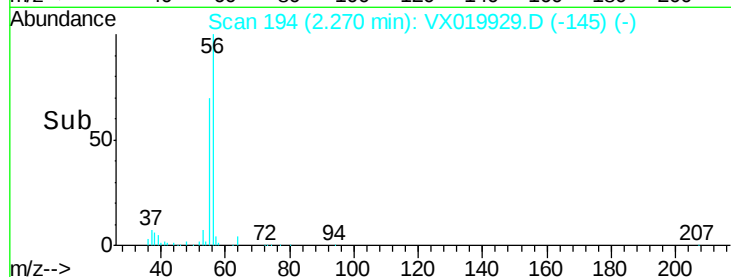
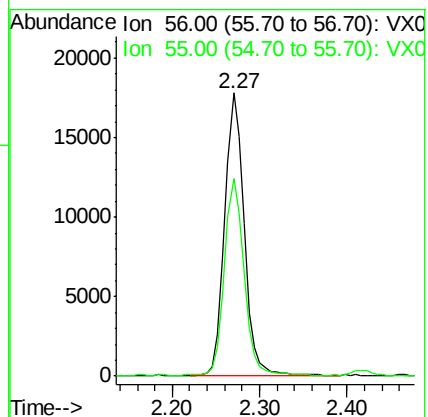
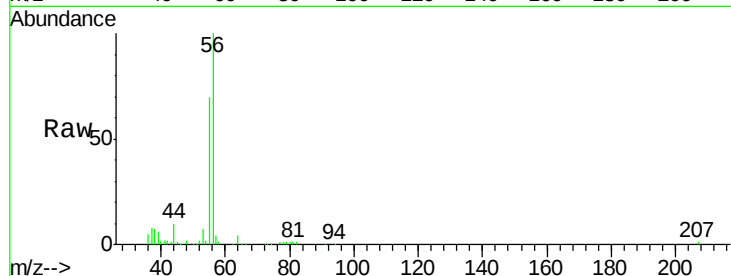
VX1212WBSD01

Tgt Ion: 56 Resp: 27661

Ion Ratio Lower Upper

56 100

55 71.4 56.4 84.6



#14

Allyl chloride

Concen: 18.612 ug/l

RT: 2.70 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX019929.D

Acq: 12 Dec 2020 14:05

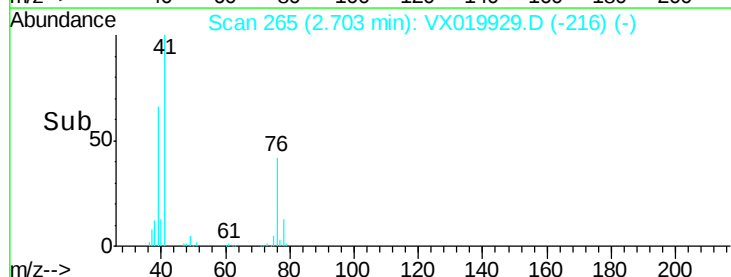
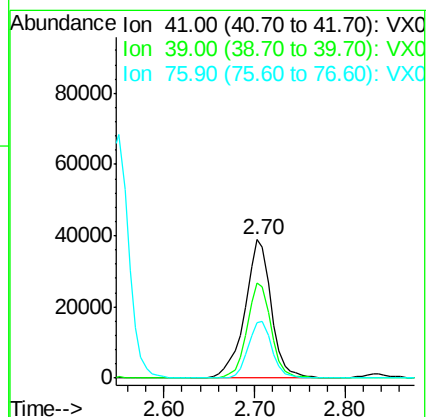
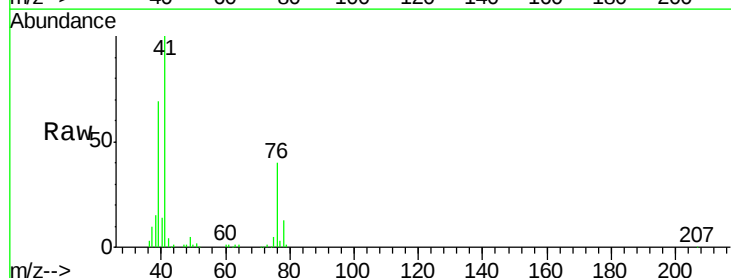
Tgt Ion: 41 Resp: 78686

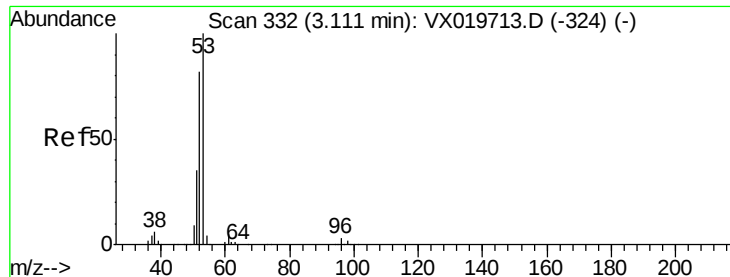
Ion Ratio Lower Upper

41 100

39 62.7 51.6 77.4

76 36.4 30.5 45.7

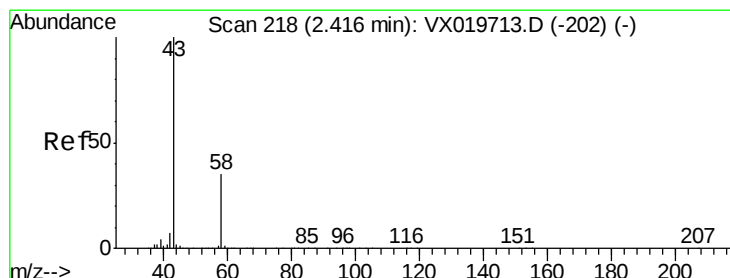
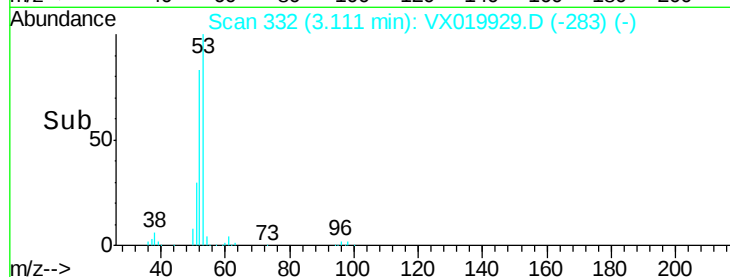
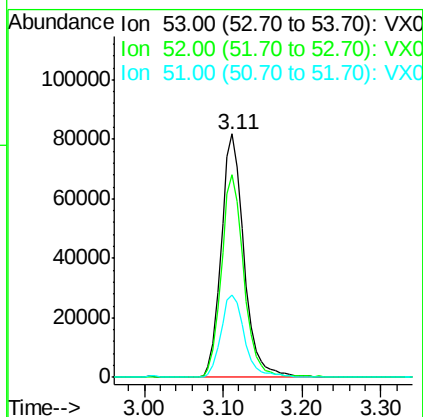
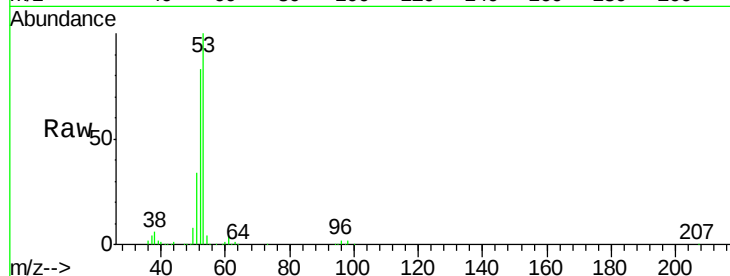




#15
 Acrylonitrile
 Concen: 101.377 ug/l
 RT: 3.11 min Scan# 332
 Delta R.T. 0.00 min
 Lab File: VX019929.D
 Acq: 12 Dec 2020 14:05

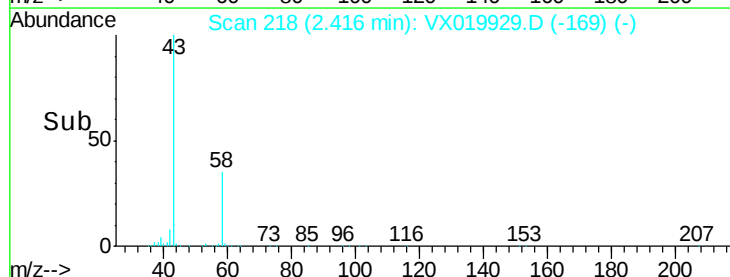
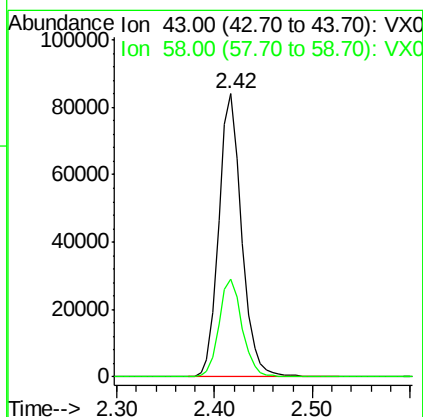
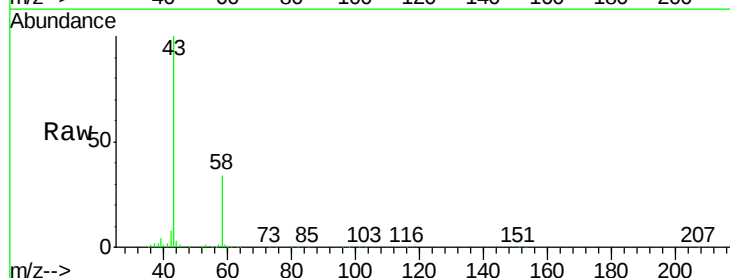
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBSD01

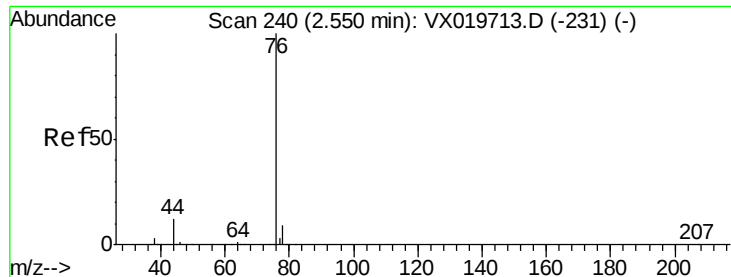
Tgt Ion: 53 Resp: 164569
 Ion Ratio Lower Upper
 53 100
 52 82.3 65.3 97.9
 51 35.4 28.2 42.2



#16
 Acetone
 Concen: 100.227 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. 0.00 min
 Lab File: VX019929.D
 Acq: 12 Dec 2020 14:05

Tgt Ion: 43 Resp: 135279
 Ion Ratio Lower Upper
 43 100
 58 34.5 27.8 41.8





#17

Carbon Disulfide

Concen: 15.613 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX019929.D

Acq: 12 Dec 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

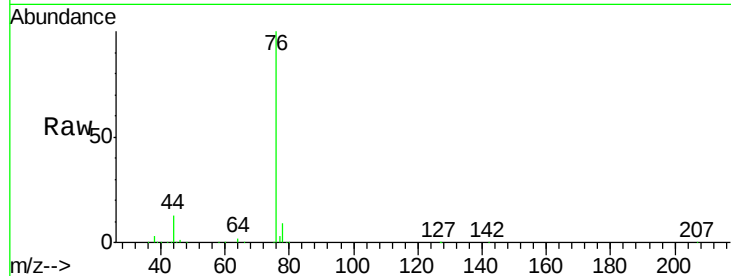
VX1212WBSD01

Tgt Ion: 76 Resp: 112147

Ion Ratio Lower Upper

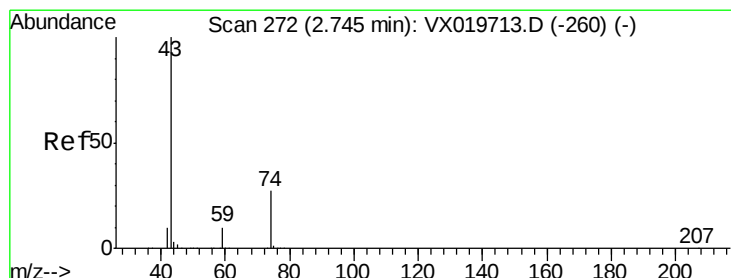
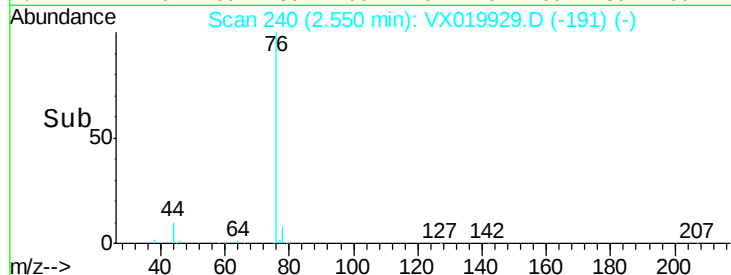
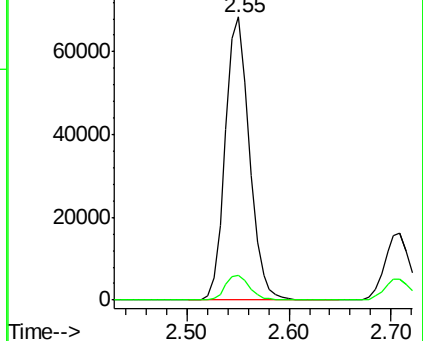
76 100

78 8.6 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 21.190 ug/l

RT: 2.75 min Scan# 272

Delta R.T. 0.00 min

Lab File: VX019929.D

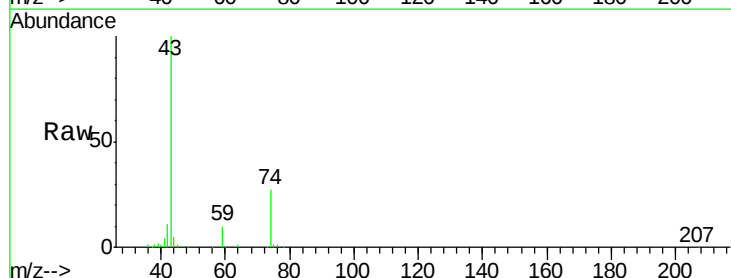
Acq: 12 Dec 2020 14:05

Tgt Ion: 43 Resp: 69987

Ion Ratio Lower Upper

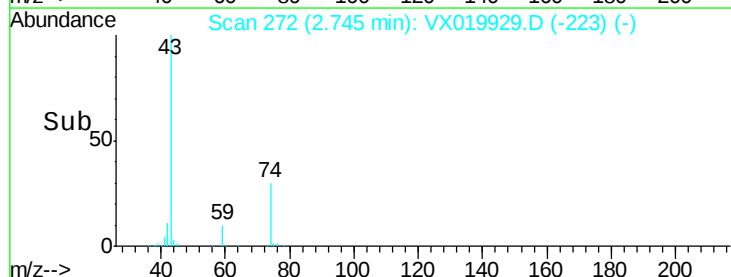
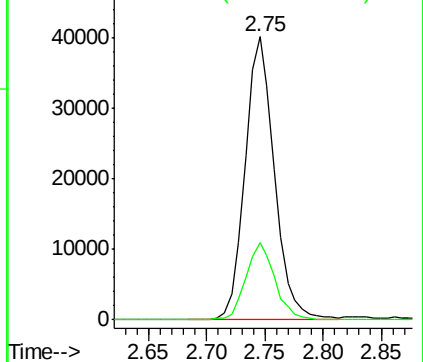
43 100

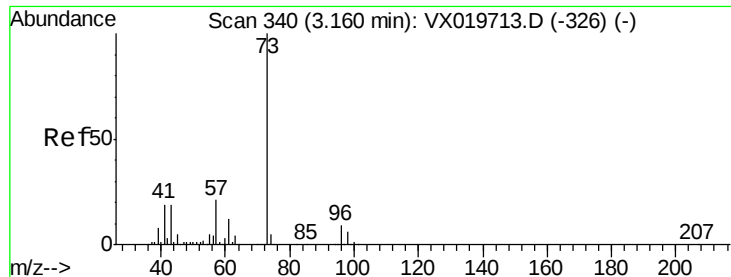
74 27.3 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



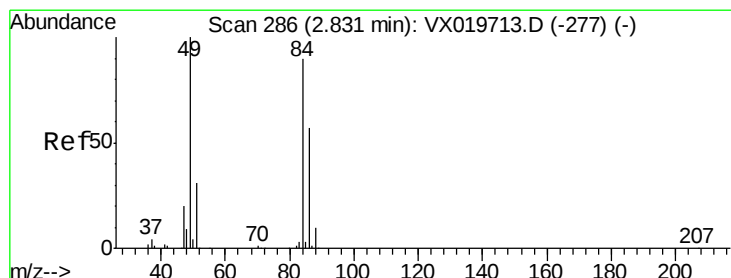
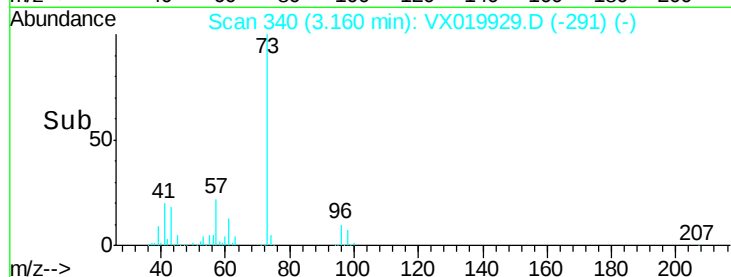
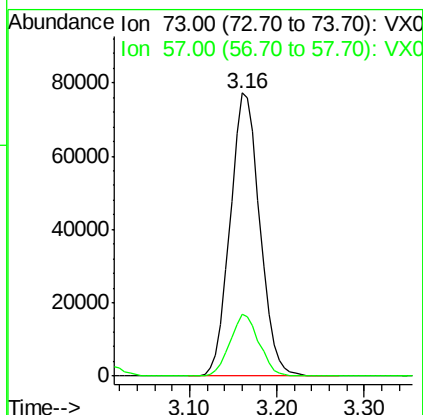
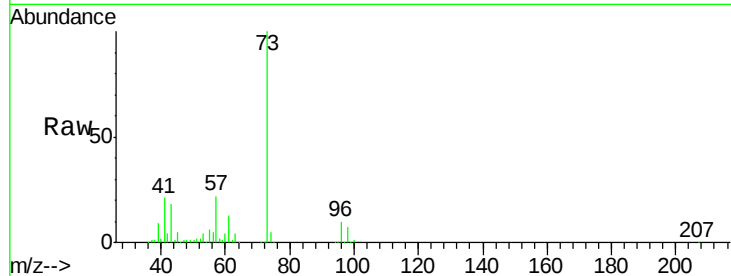


#19

Methyl tert-butyl Ether
 Concen: 20.006 ug/l
 RT: 3.16 min Scan# 340
 Delta R.T. 0.00 min
 Lab File: VX019929.D
 Acq: 12 Dec 2020 14:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBSD01

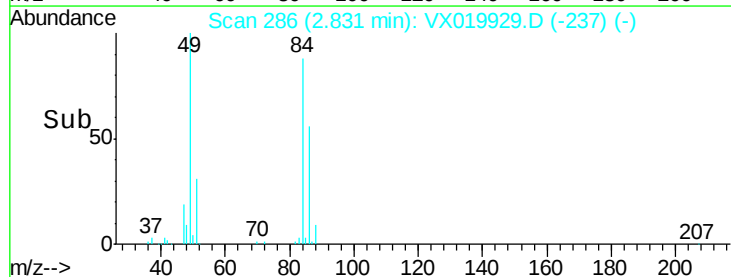
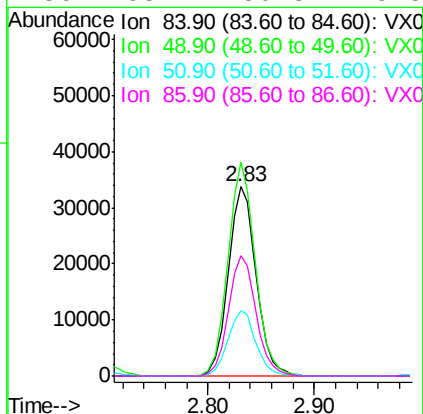
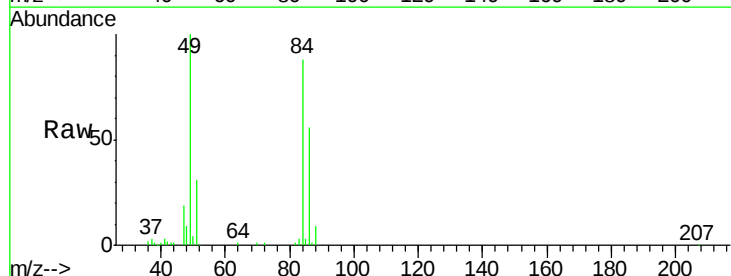
Tgt Ion: 73 Resp: 182386
 Ion Ratio Lower Upper
 73 100
 57 21.9 17.1 25.7

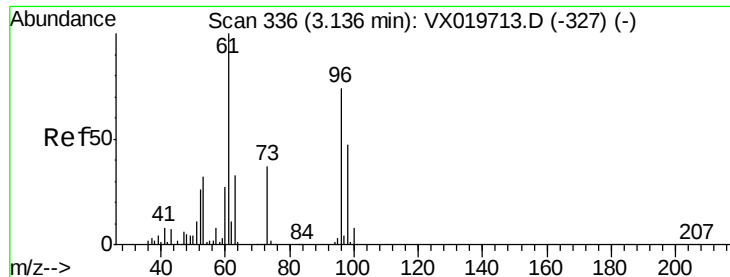


#20

Methylene Chloride
 Concen: 19.137 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. 0.00 min
 Lab File: VX019929.D
 Acq: 12 Dec 2020 14:05

Tgt Ion: 84 Resp: 61674
 Ion Ratio Lower Upper
 84 100
 49 113.0 88.6 132.8
 51 34.6 27.0 40.6
 86 63.4 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 18.464 ug/l

RT: 3.14 min Scan# 336

Delta R.T. 0.00 min

Lab File: VX019929.D

Acq: 12 Dec 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBSD01

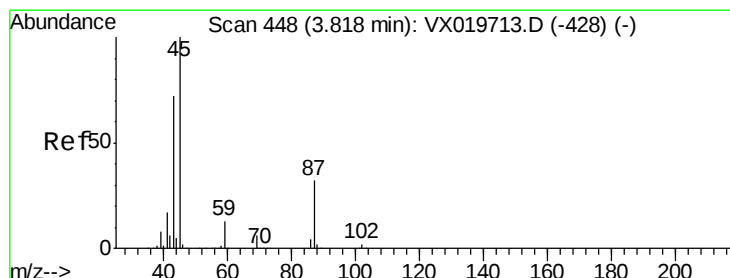
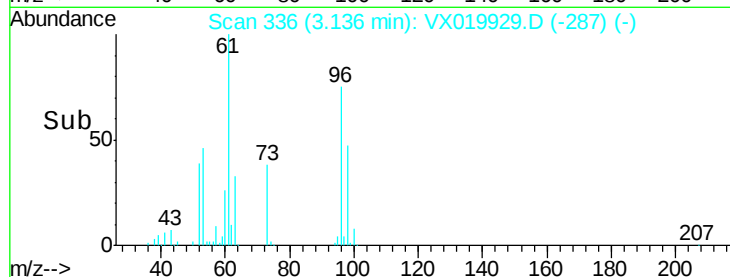
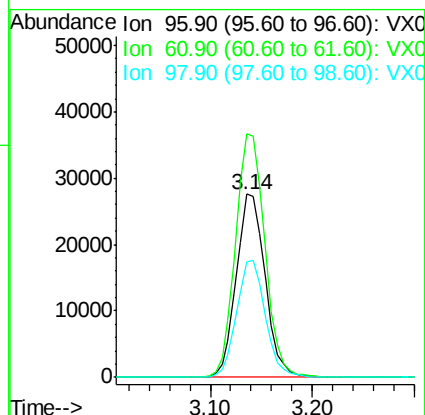
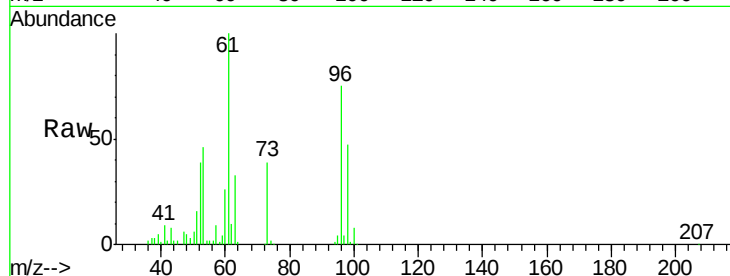
Tgt Ion: 96 Resp: 53887

Ion Ratio Lower Upper

96 100

61 133.2 107.7 161.5

98 63.2 50.4 75.6



#22

Diisopropyl ether

Concen: 20.402 ug/l

RT: 3.82 min Scan# 448

Delta R.T. 0.00 min

Lab File: VX019929.D

Acq: 12 Dec 2020 14:05

Tgt Ion: 45 Resp: 174397

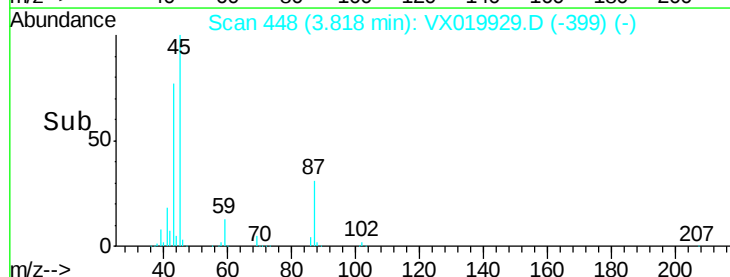
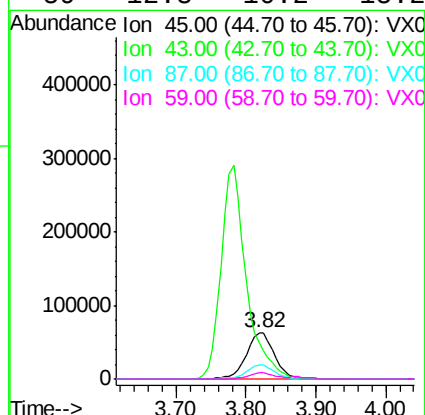
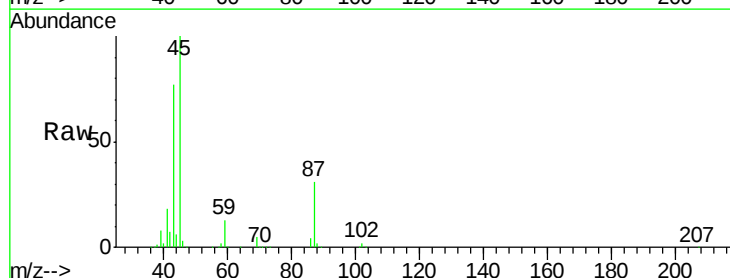
Ion Ratio Lower Upper

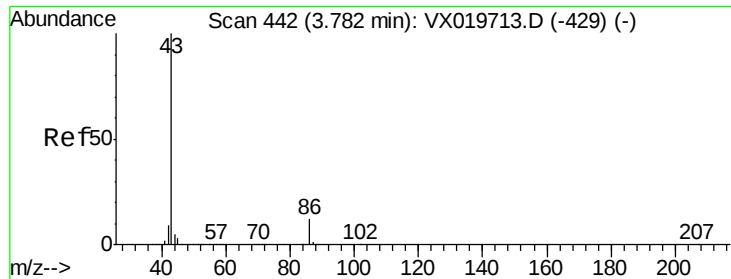
45 100

43 76.5 58.0 87.0

87 30.7 25.4 38.0

59 12.8 10.2 15.2





#23

Vinyl Acetate

Concen: 100.563 ug/l

RT: 3.78 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX019929.D

Acq: 12 Dec 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

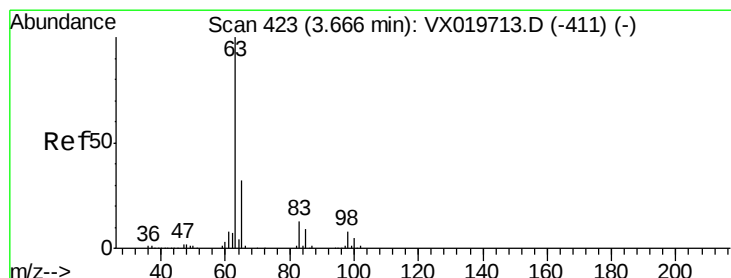
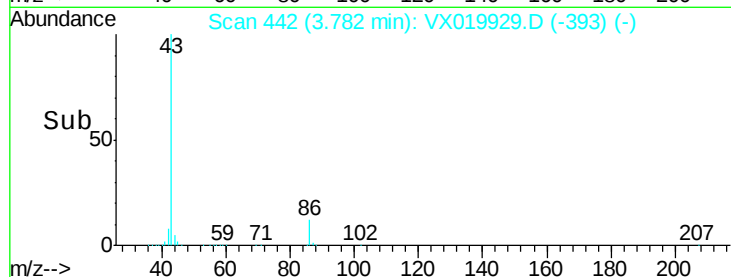
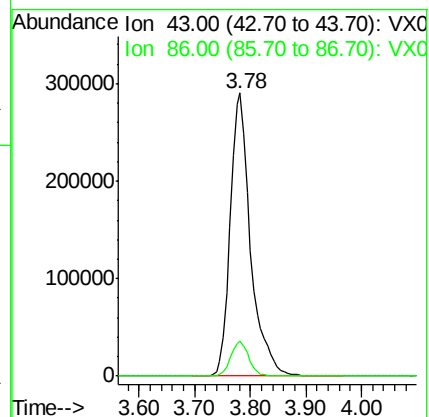
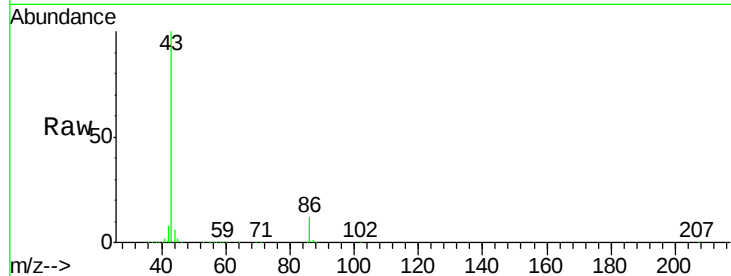
VX1212WBSD01

Tgt Ion: 43 Resp: 732350

Ion Ratio Lower Upper

43 100

86 12.3 9.9 14.9



#24

1,1-Dichloroethane

Concen: 19.282 ug/l

RT: 3.67 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX019929.D

Acq: 12 Dec 2020 14:05

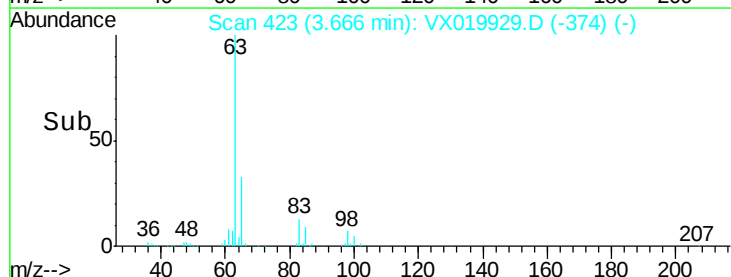
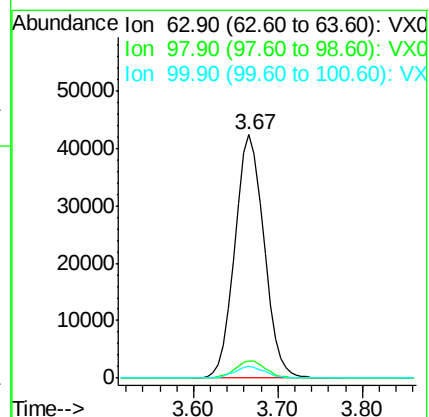
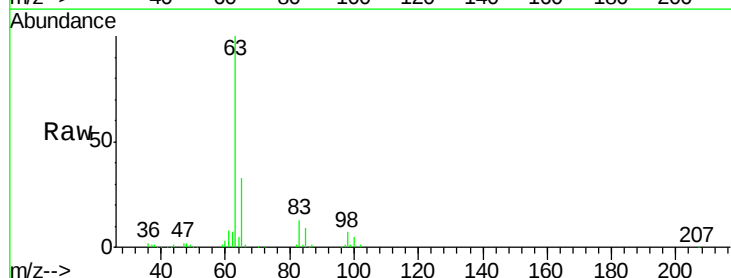
Tgt Ion: 63 Resp: 99395

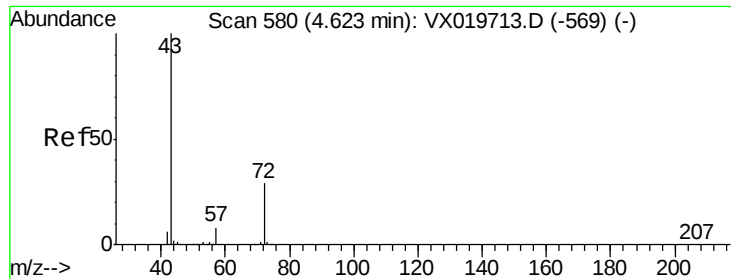
Ion Ratio Lower Upper

63 100

98 6.9 3.8 11.2

100 4.7 2.5 7.5





#25

2-Butanone

Concen: 102.049 ug/l

RT: 4.62 min Scan# 580

Delta R.T. 0.00 min

Lab File: VX019929.D

Acq: 12 Dec 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

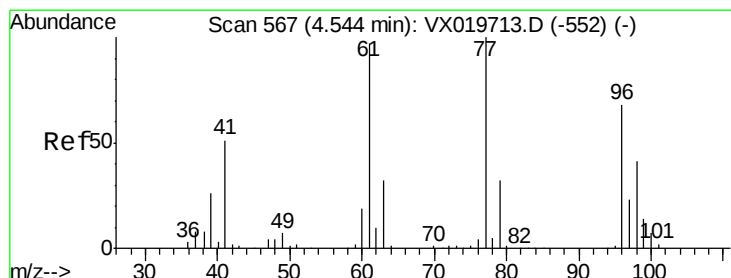
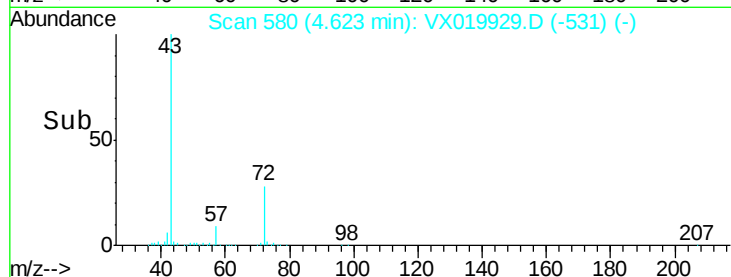
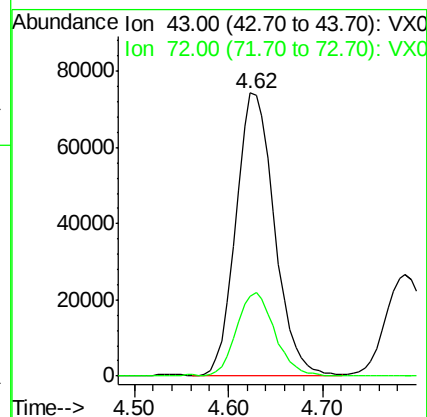
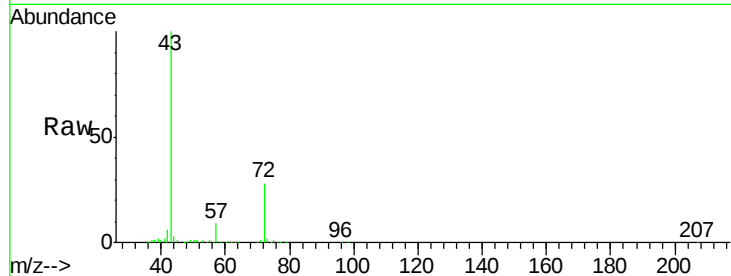
VX1212WBSD01

Tgt Ion: 43 Resp: 211649

Ion Ratio Lower Upper

43 100

72 28.3 23.7 35.5



#26

2,2-Dichloropropane

Concen: 18.232 ug/l

RT: 4.54 min Scan# 567

Delta R.T. 0.00 min

Lab File: VX019929.D

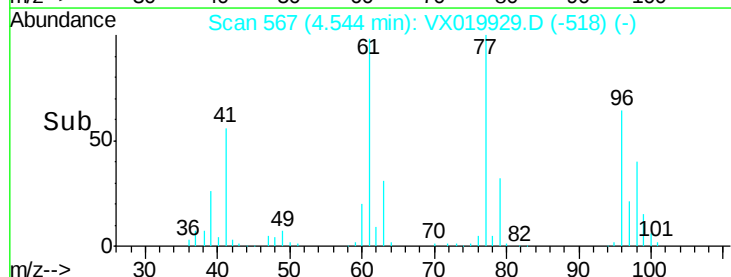
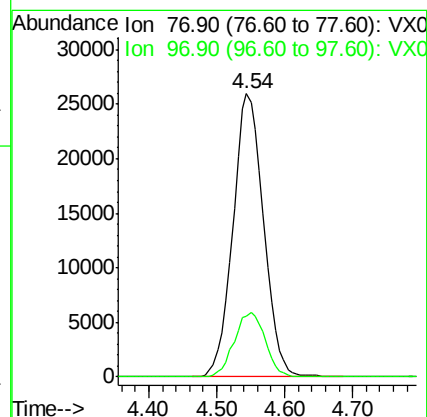
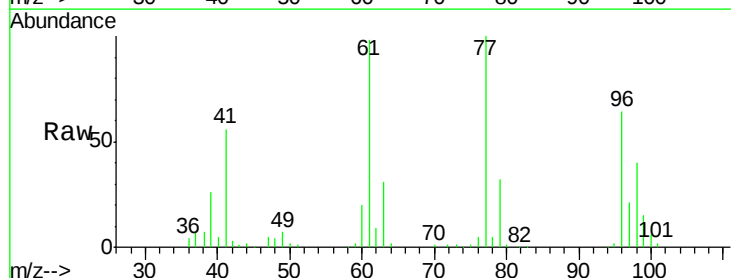
Acq: 12 Dec 2020 14:05

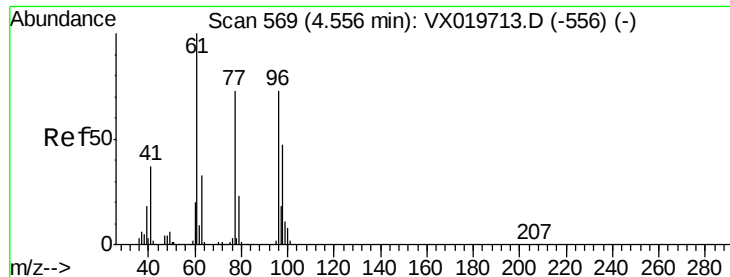
Tgt Ion: 77 Resp: 80932

Ion Ratio Lower Upper

77 100

97 23.0 11.7 35.1



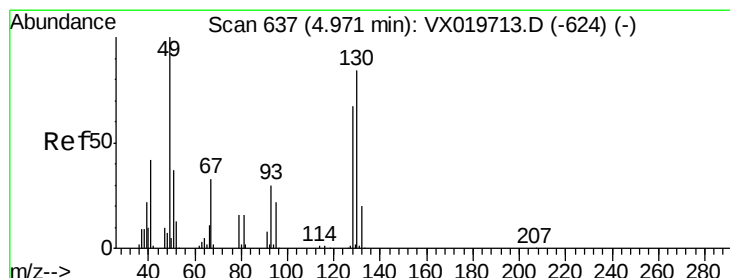
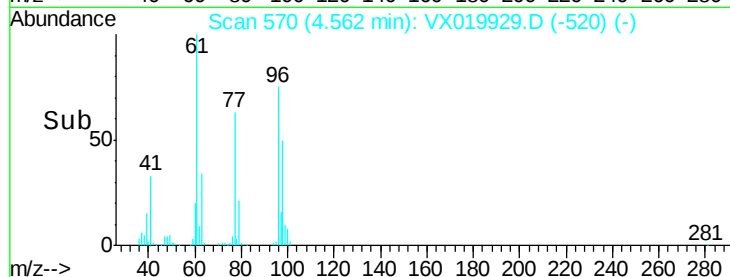
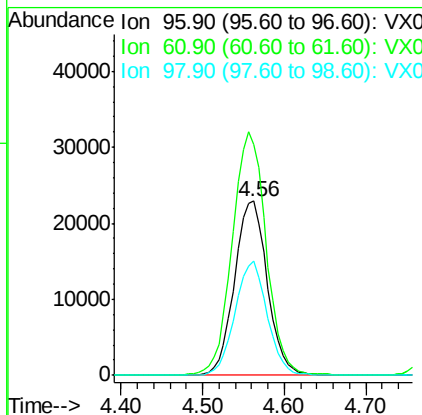
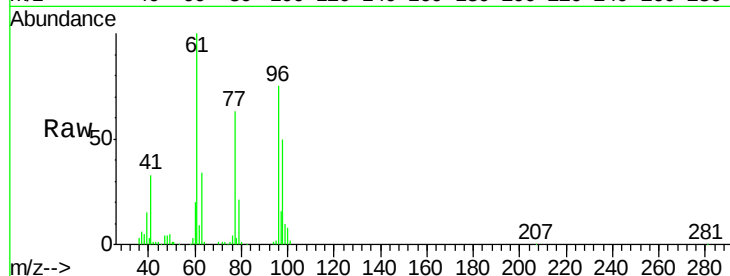


#27

cis-1,2-Dichloroethene
Concen: 18.760 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.01 min
Lab File: VX019929.D
Acq: 12 Dec 2020 14:05

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD01

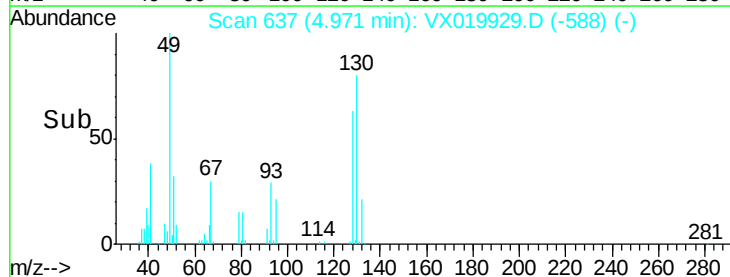
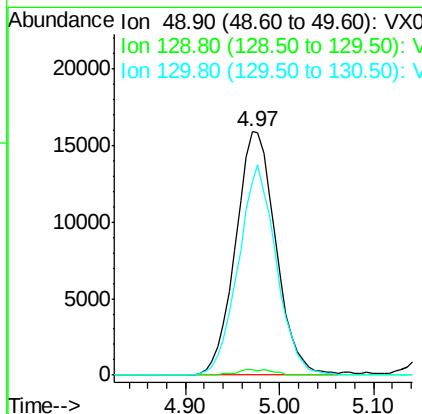
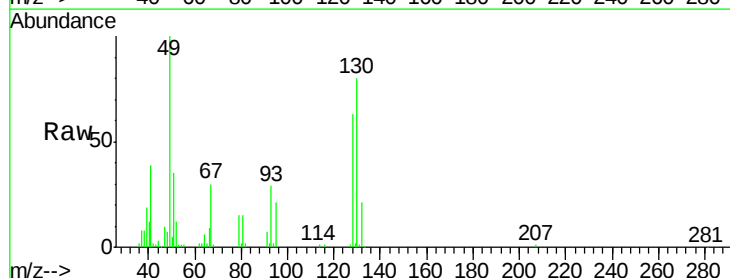
Tgt Ion: 96 Resp: 64072
Ion Ratio Lower Upper
96 100
61 144.2 0.0 285.6
98 63.9 0.0 129.6

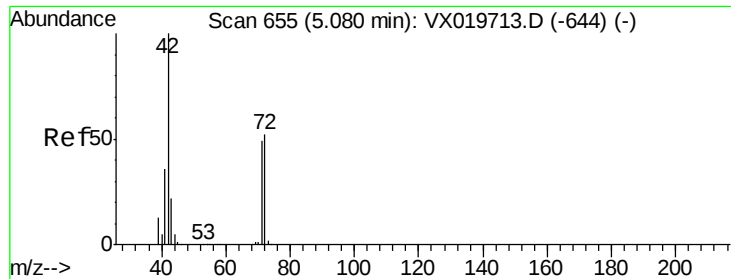


#28

Bromochloromethane
Concen: 19.364 ug/l
RT: 4.97 min Scan# 637
Delta R.T. 0.00 min
Lab File: VX019929.D
Acq: 12 Dec 2020 14:05

Tgt Ion: 49 Resp: 47582
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.0
130 81.3 68.2 102.2

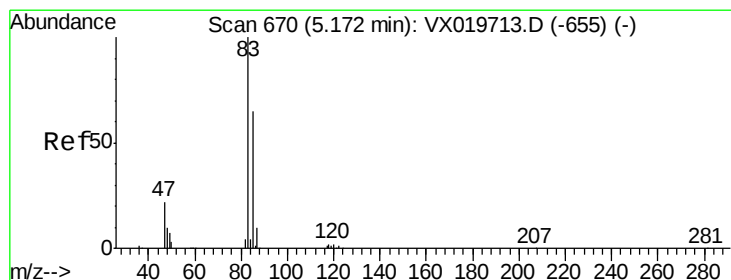
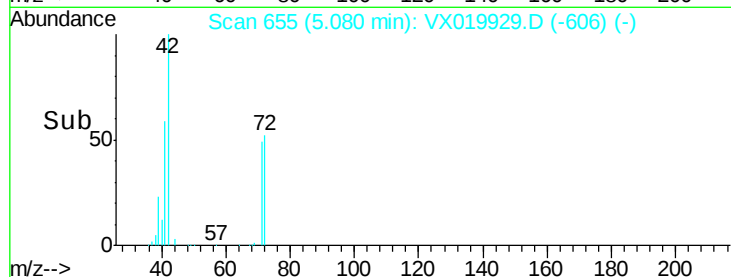
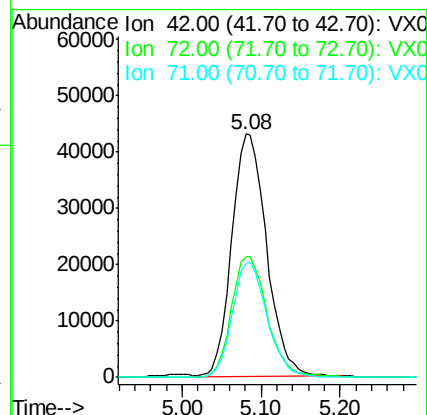
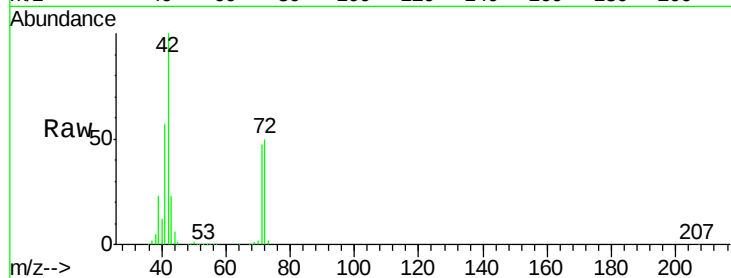




#29
Tetrahydrofuran
Concen: 99.075 ug/l
RT: 5.08 min Scan# 655
Delta R.T. 0.00 min
Lab File: VX019929.D
Acq: 12 Dec 2020 14:05

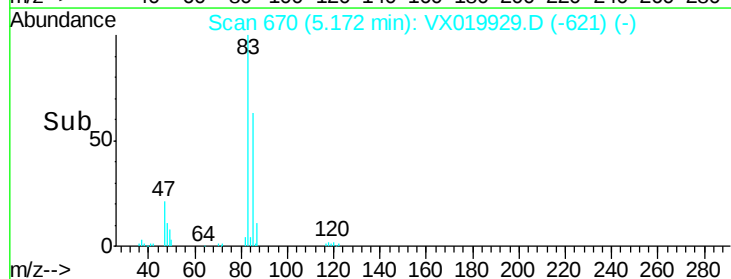
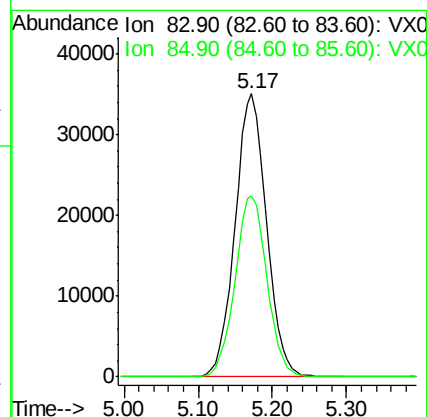
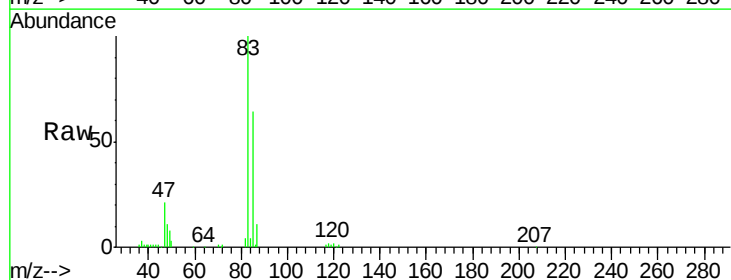
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD01

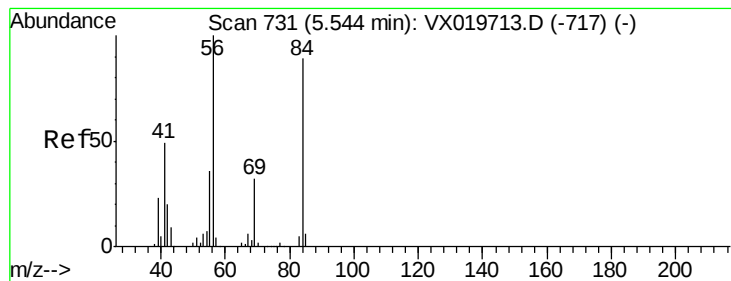
Tgt Ion: 42 Resp: 132389
Ion Ratio Lower Upper
42 100
72 51.6 41.7 62.5
71 47.5 38.4 57.6



#30
Chloroform
Concen: 19.575 ug/l
RT: 5.17 min Scan# 670
Delta R.T. 0.00 min
Lab File: VX019929.D
Acq: 12 Dec 2020 14:05

Tgt Ion: 83 Resp: 103753
Ion Ratio Lower Upper
83 100
85 64.0 52.0 78.0





#31

Cyclohexane

Concen: 18.438 ug/l

RT: 5.54 min Scan# 731

Delta R.T. 0.00 min

Lab File: VX019929.D

Acq: 12 Dec 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBSD01

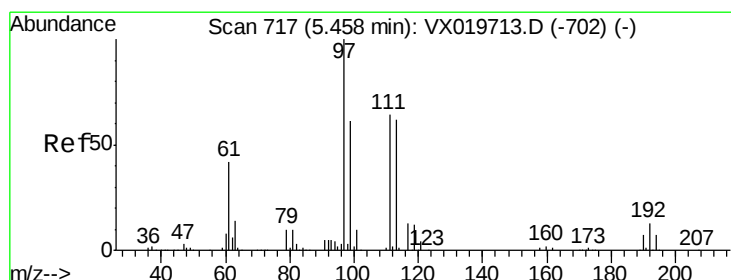
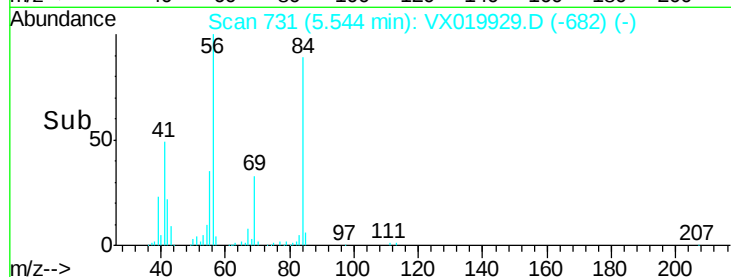
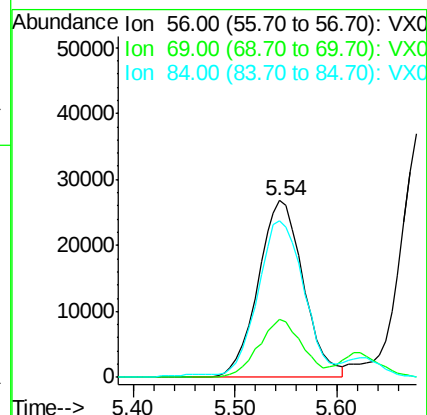
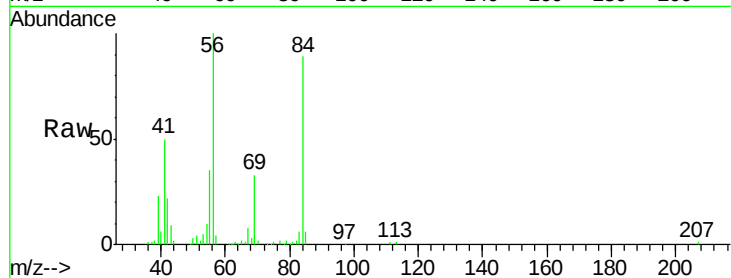
Tgt Ion: 56 Resp: 82360

Ion Ratio Lower Upper

56 100

69 32.6 25.3 37.9

84 87.1 71.4 107.0



#32

1,1,1-Trichloroethane

Concen: 18.875 ug/l

RT: 5.46 min Scan# 717

Delta R.T. 0.00 min

Lab File: VX019929.D

Acq: 12 Dec 2020 14:05

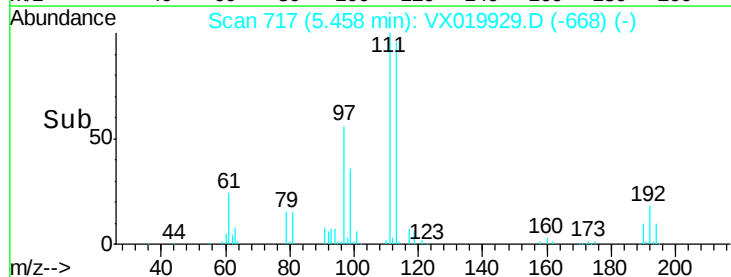
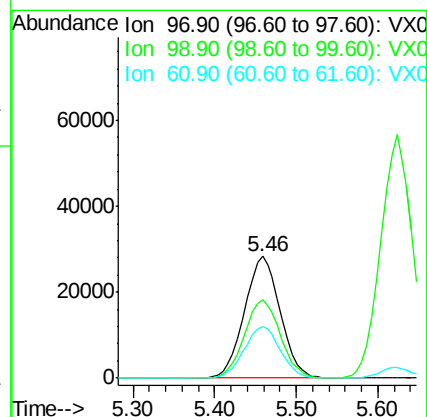
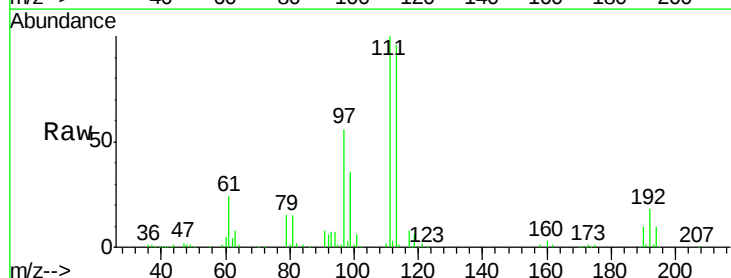
Tgt Ion: 97 Resp: 86155

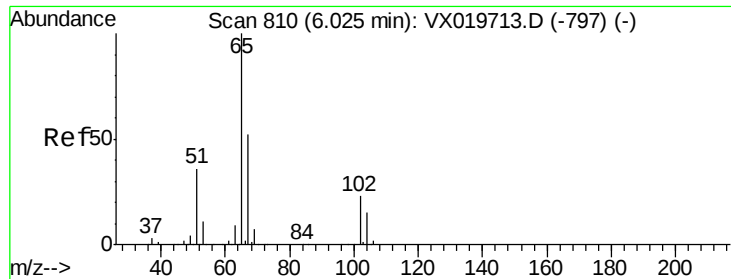
Ion Ratio Lower Upper

97 100

99 65.0 51.5 77.3

61 43.2 34.2 51.4

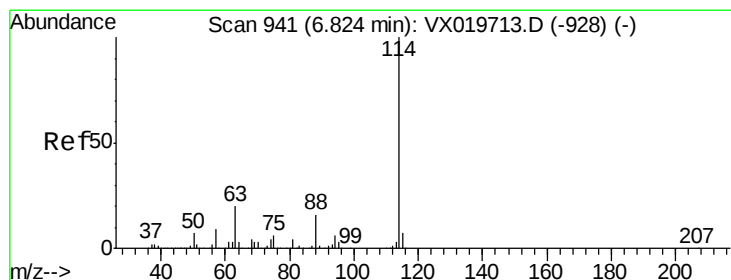
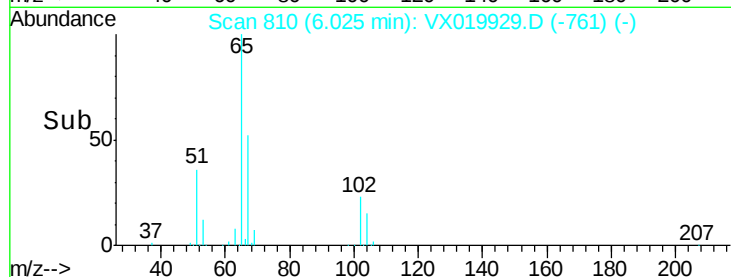
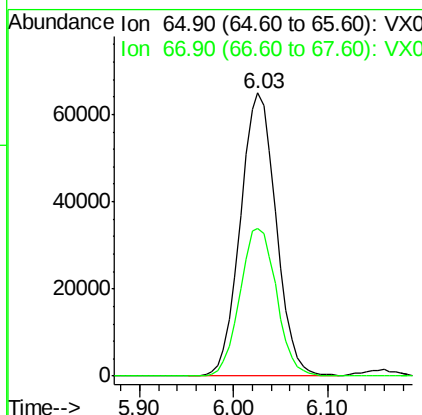
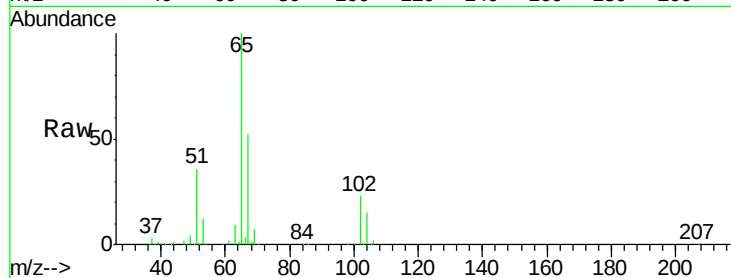




#33
 1,2-Dichloroethane-d4
 Concen: 47.708 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: VX019929.D
 Acq: 12 Dec 2020 14:05

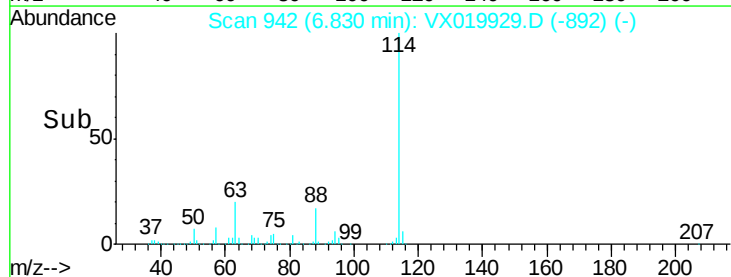
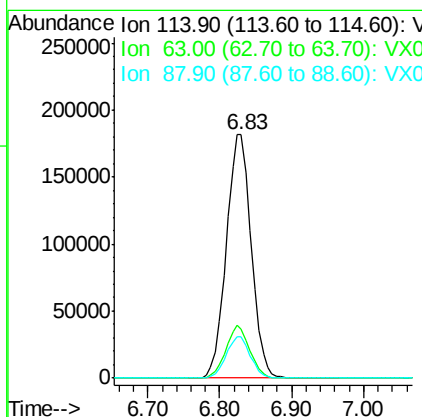
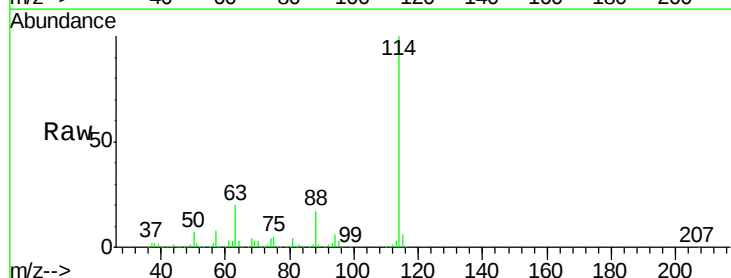
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBSD01

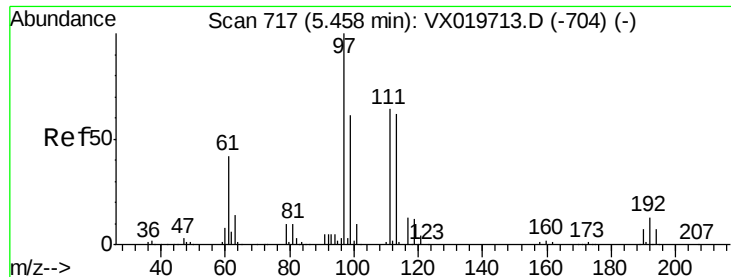
Tgt Ion: 65 Resp: 171313
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.01 min
 Lab File: VX019929.D
 Acq: 12 Dec 2020 14:05

Tgt Ion: 114 Resp: 435651
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 40.8
 88 16.8 0.0 32.8





#35

Dibromofluoromethane

Concen: 48.758 ug/l

RT: 5.46 min Scan# 717

Delta R.T. 0.00 min

Lab File: VX019929.D

Acq: 12 Dec 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBSD01

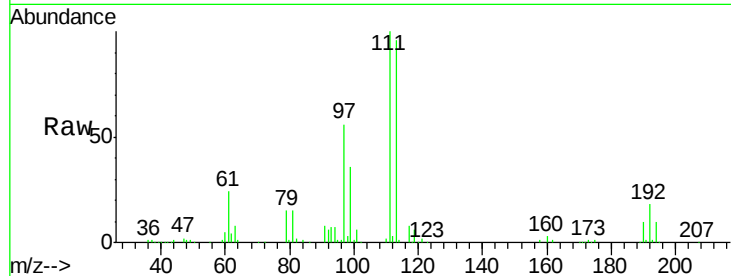
Tgt Ion:113 Resp: 137280

Ion Ratio Lower Upper

113 100

111 103.1 81.9 122.9

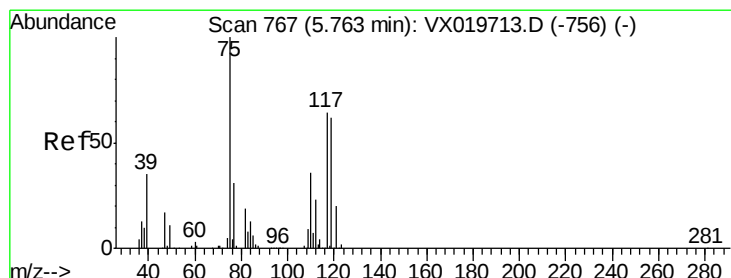
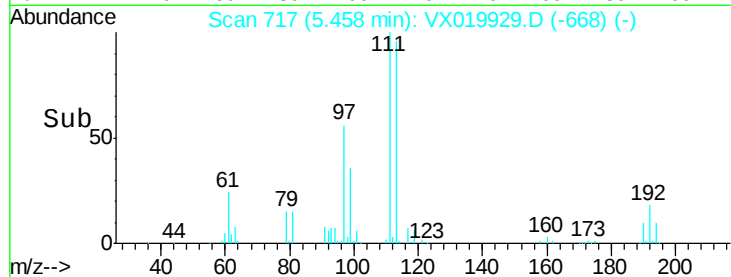
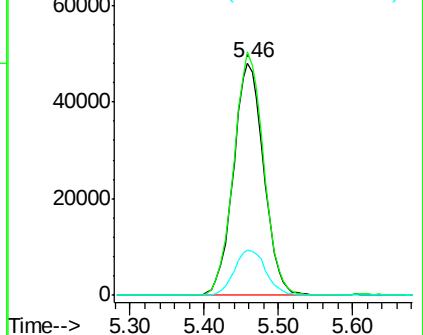
192 20.2 16.7 25.1



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: 18.833 ug/l

RT: 5.76 min Scan# 767

Delta R.T. 0.00 min

Lab File: VX019929.D

Acq: 12 Dec 2020 14:05

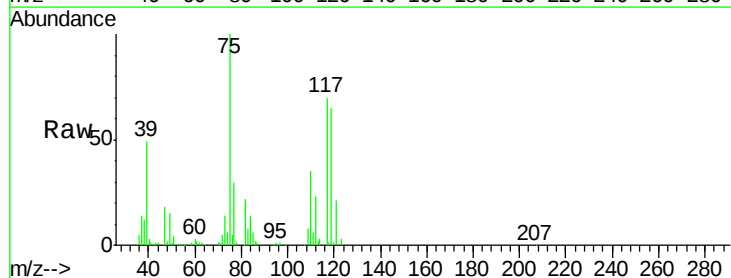
Tgt Ion: 75 Resp: 74140

Ion Ratio Lower Upper

75 100

110 35.5 18.1 54.4

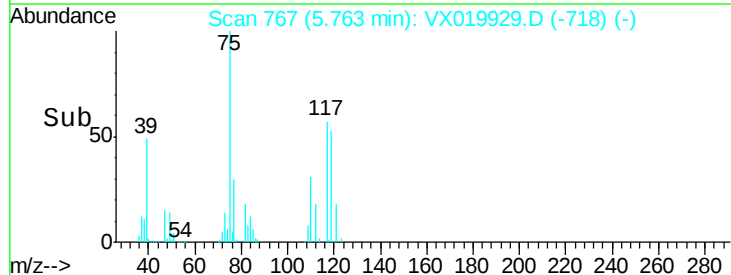
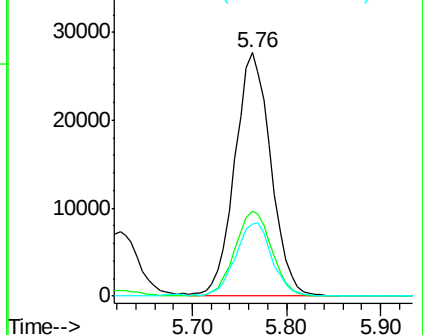
77 30.4 25.3 37.9

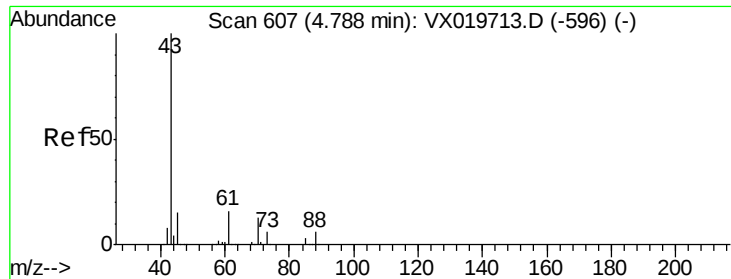


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

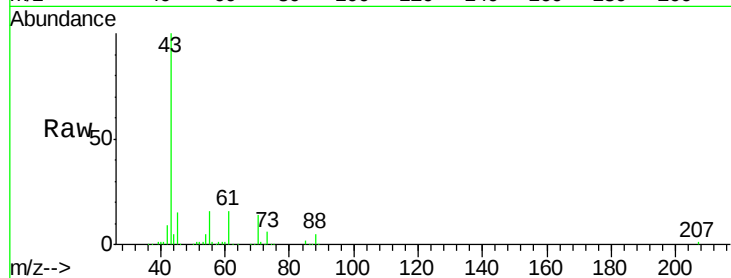




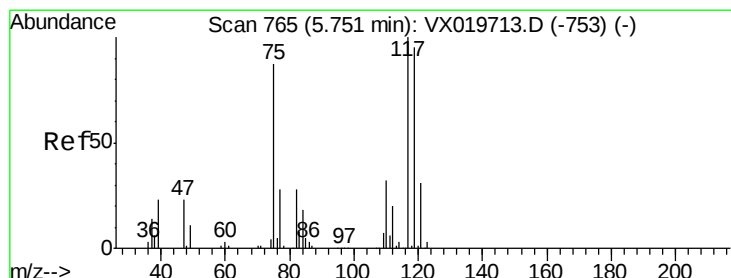
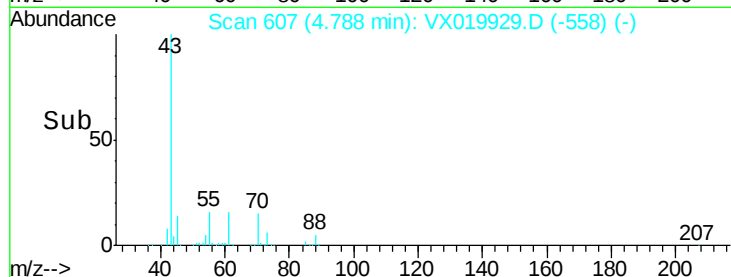
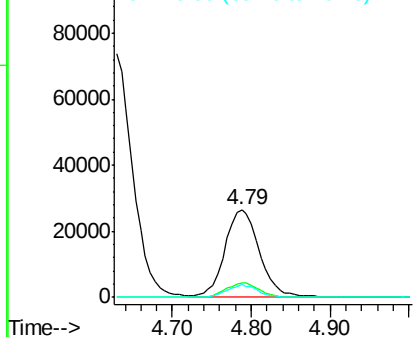
#37
Ethyl Acetate
Concen: 20.076 ug/l
RT: 4.79 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX019929.D
Acq: 12 Dec 2020 14:05

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD01

Tgt Ion: 43 Resp: 79796
Ion Ratio Lower Upper
43 100
61 16.2 12.8 19.2
70 12.8 10.5 15.7

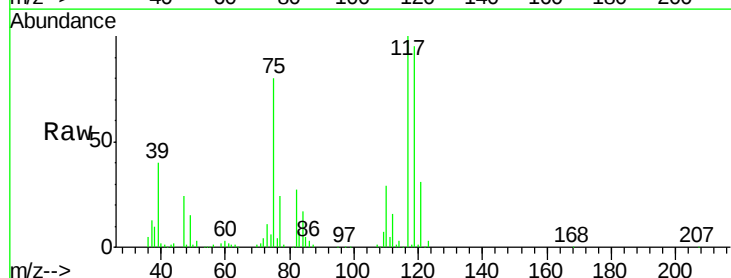


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

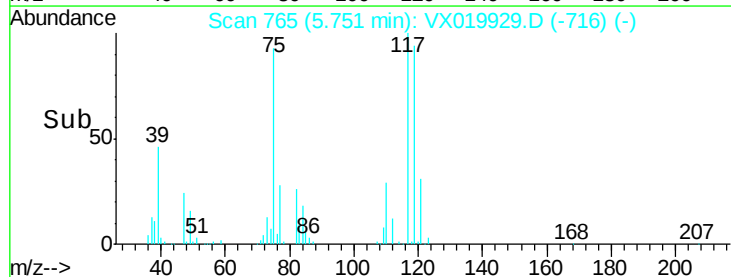
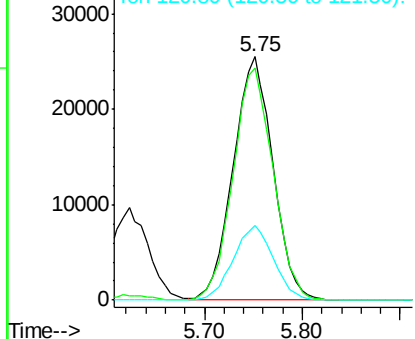


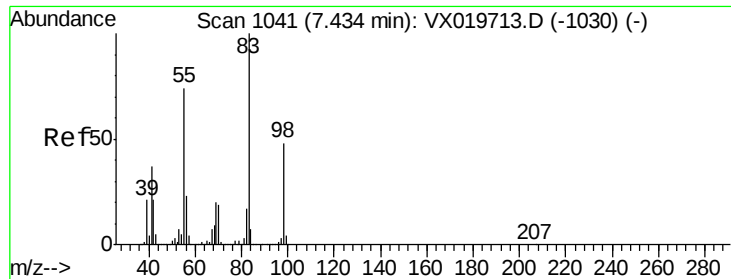
#38
Carbon Tetrachloride
Concen: 18.688 ug/l
RT: 5.75 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX019929.D
Acq: 12 Dec 2020 14:05

Tgt Ion: 117 Resp: 72044
Ion Ratio Lower Upper
117 100
119 95.5 76.2 114.2
121 30.6 24.8 37.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

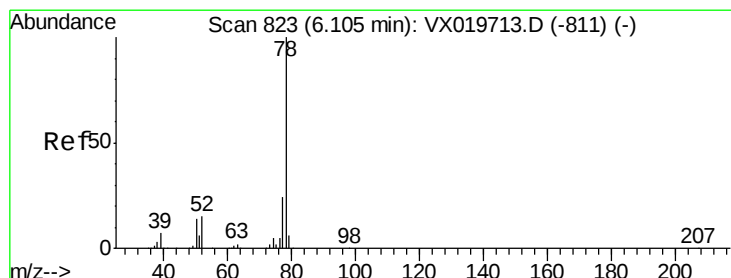
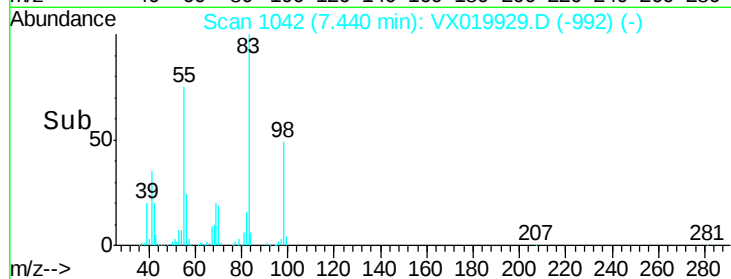
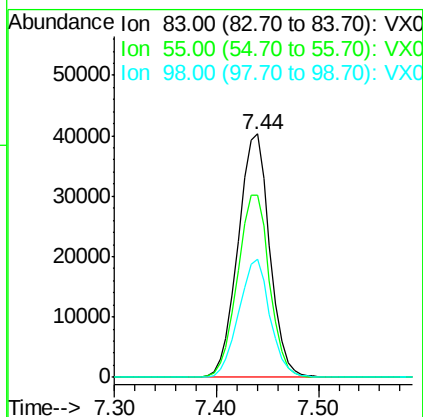
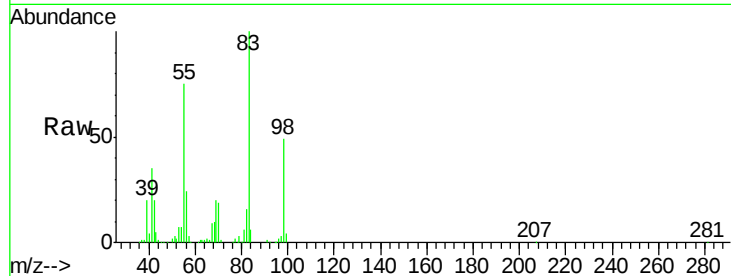




#39
Methylcyclohexane
Concen: 18.793 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.01 min
Lab File: VX019929.D
Acq: 12 Dec 2020 14:05

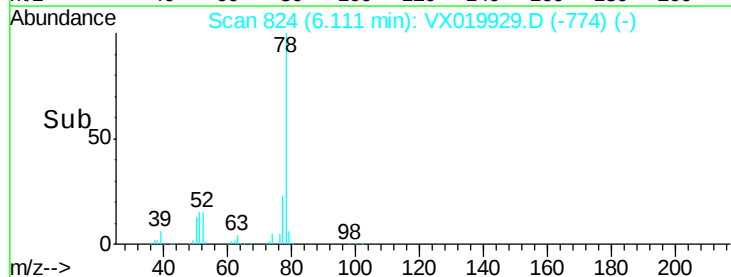
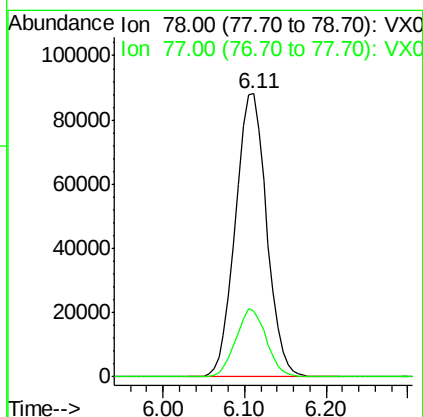
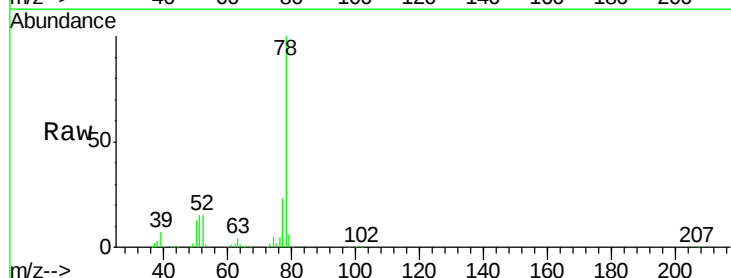
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD01

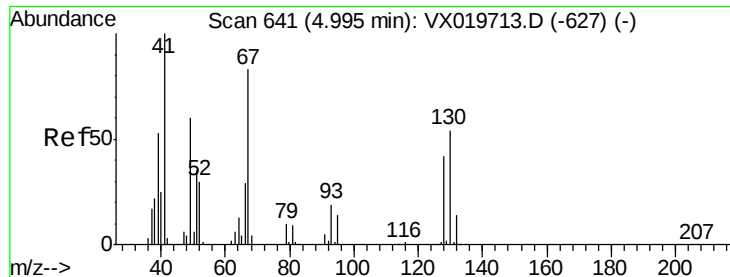
Tgt Ion: 83 Resp: 86922
Ion Ratio Lower Upper
83 100
55 74.7 58.9 88.3
98 48.6 38.1 57.1



#40
Benzene
Concen: 19.445 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.01 min
Lab File: VX019929.D
Acq: 12 Dec 2020 14:05

Tgt Ion: 78 Resp: 233840
Ion Ratio Lower Upper
78 100
77 23.3 18.9 28.3

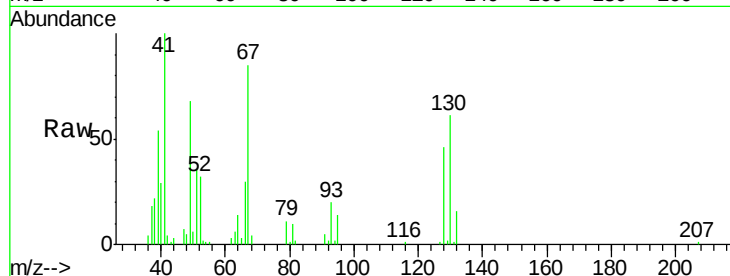




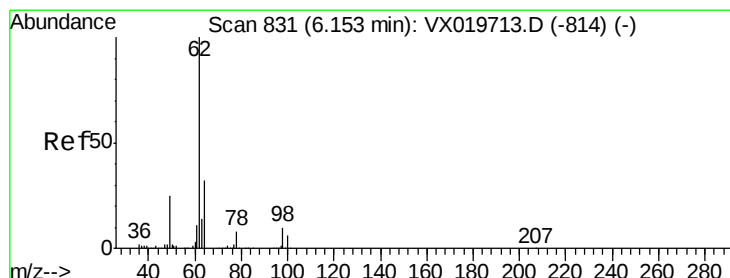
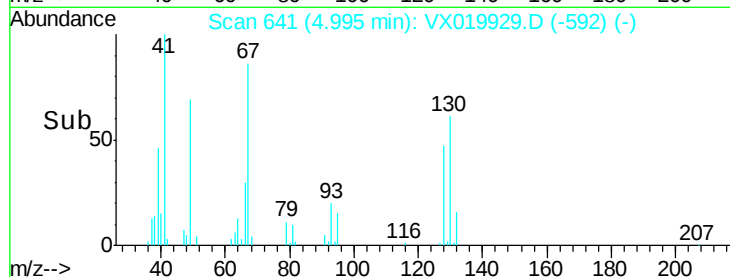
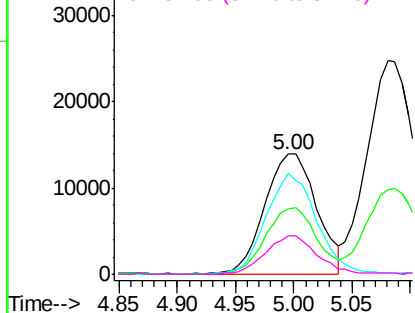
#41
Methacrylonitrile
Concen: 19.647 ug/l
RT: 5.00 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX019929.D
Acq: 12 Dec 2020 14:05

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD01

Tgt Ion:	41	Resp:	42877
Ion	Ratio	Lower	Upper
41	100		
39	54.6	42.5	63.7
67	82.2	65.0	97.6
52	32.7	25.3	37.9

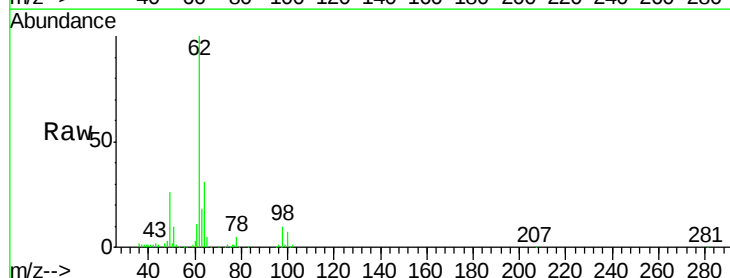


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

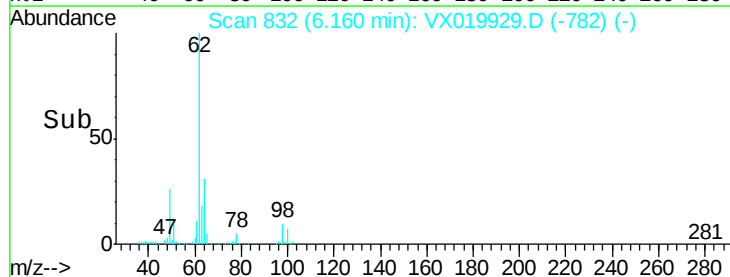
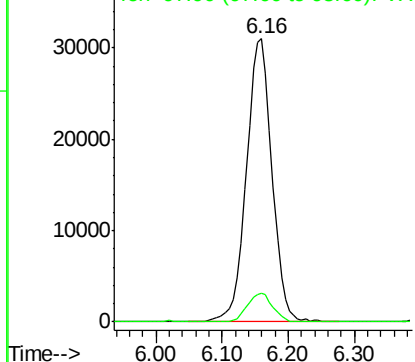


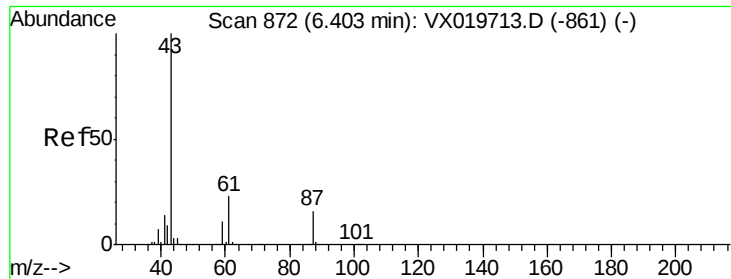
#42
1,2-Dichloroethane
Concen: 20.329 ug/l
RT: 6.16 min Scan# 832
Delta R.T. 0.01 min
Lab File: VX019929.D
Acq: 12 Dec 2020 14:05

Tgt Ion:	62	Resp:	83527
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: 19.405 ug/l

RT: 6.40 min Scan# 872

Delta R.T. 0.00 min

Lab File: VX019929.D

Acq: 12 Dec 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBSD01

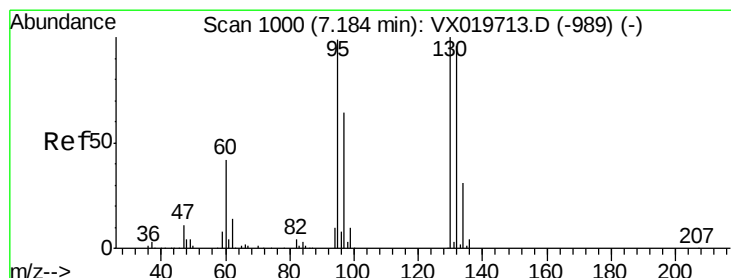
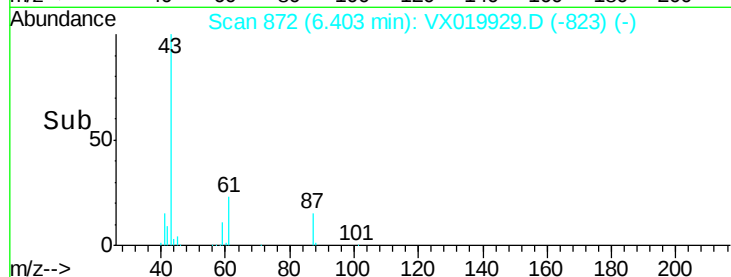
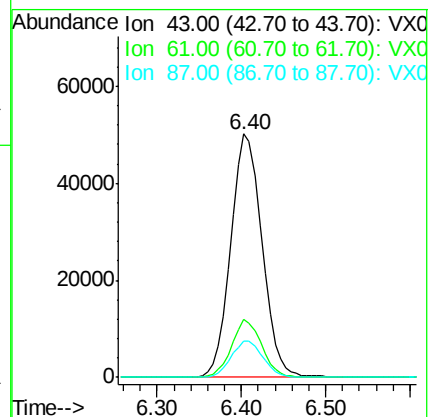
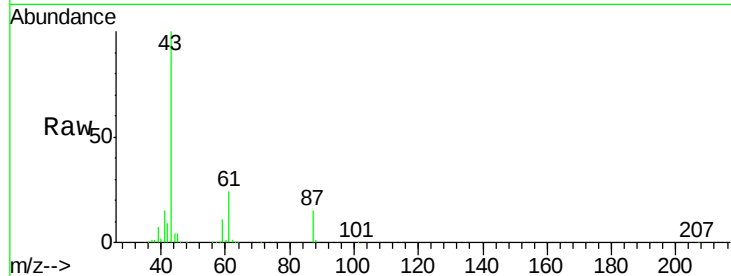
Tgt Ion: 43 Resp: 125400

Ion Ratio Lower Upper

43 100

61 22.9 18.2 27.4

87 15.2 12.5 18.7



#44

Trichloroethene

Concen: 18.983 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VX019929.D

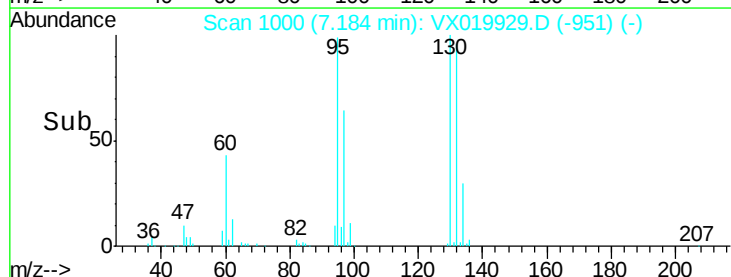
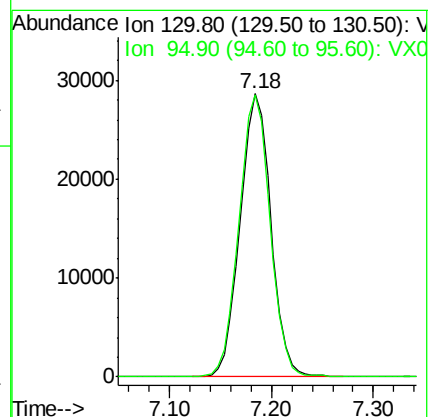
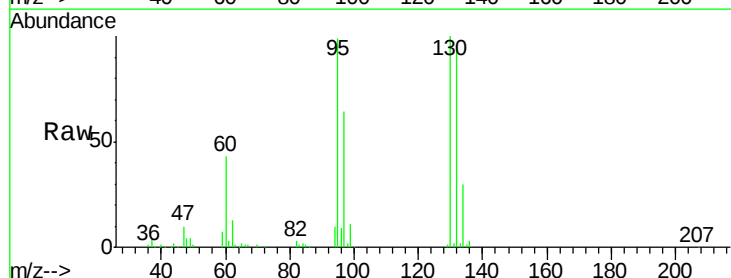
Acq: 12 Dec 2020 14:05

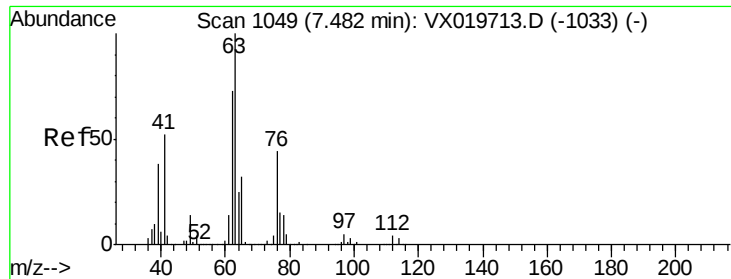
Tgt Ion: 130 Resp: 59894

Ion Ratio Lower Upper

130 100

95 99.5 0.0 198.0

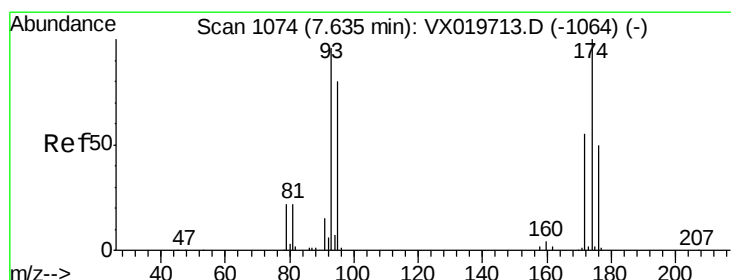
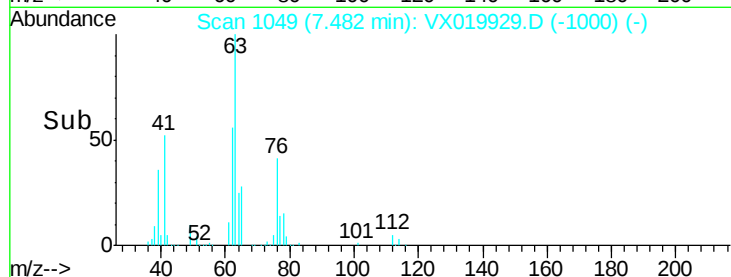
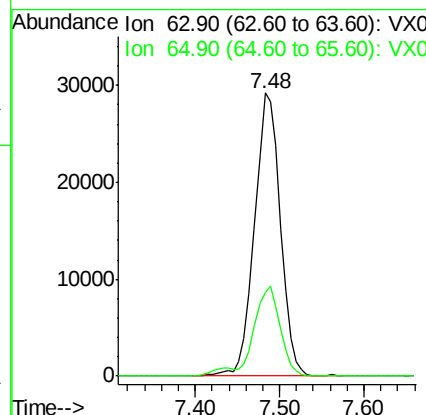
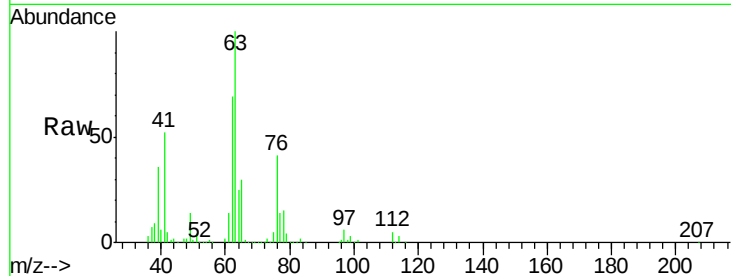




#45
 1,2-Dichloropropane
 Concen: 20.213 ug/l
 RT: 7.48 min Scan# 1049
 Delta R.T. 0.00 min
 Lab File: VX019929.D
 Acq: 12 Dec 2020 14:05

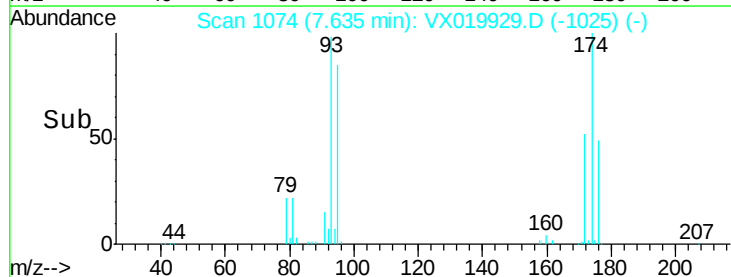
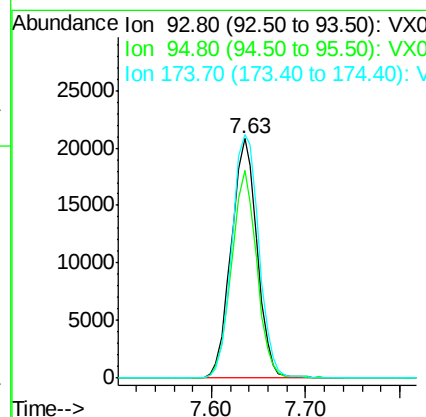
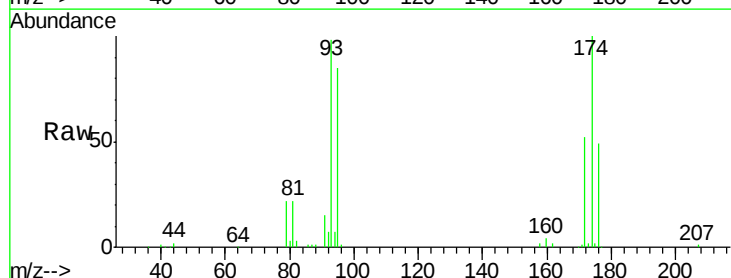
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBSD01

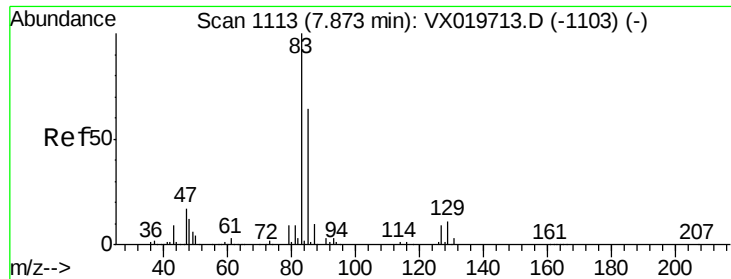
Tgt Ion: 63 Resp: 60751
 Ion Ratio Lower Upper
 63 100
 65 29.6 25.7 38.5



#46
 Dibromomethane
 Concen: 19.610 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. 0.00 min
 Lab File: VX019929.D
 Acq: 12 Dec 2020 14:05

Tgt Ion: 93 Resp: 39801
 Ion Ratio Lower Upper
 93 100
 95 84.5 66.8 100.2
 174 105.3 83.1 124.7





#47

Bromodichloromethane

Concen: 19.371 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX019929.D

Acq: 12 Dec 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBSD01

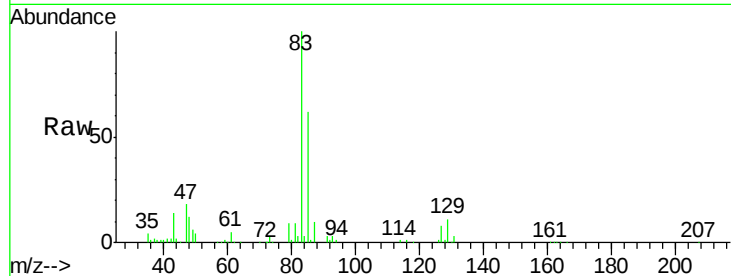
Tgt Ion: 83 Resp: 78016

Ion Ratio Lower Upper

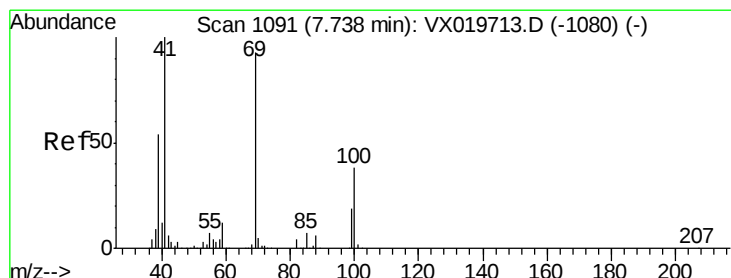
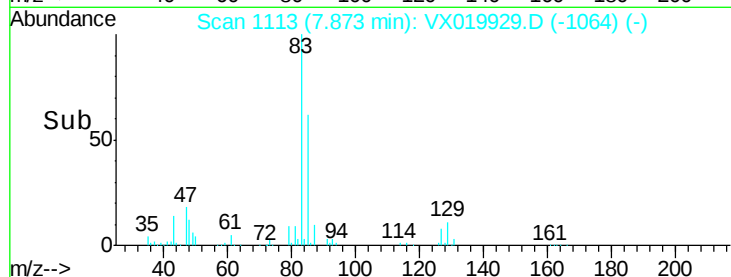
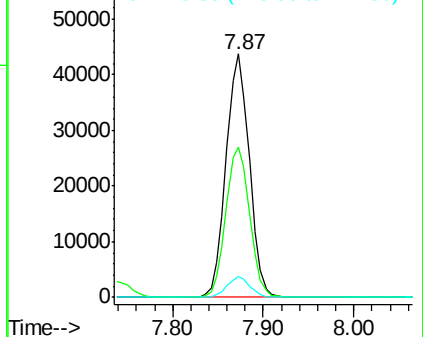
83 100

85 61.9 51.4 77.0

127 8.5 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.807 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.01 min

Lab File: VX019929.D

Acq: 12 Dec 2020 14:05

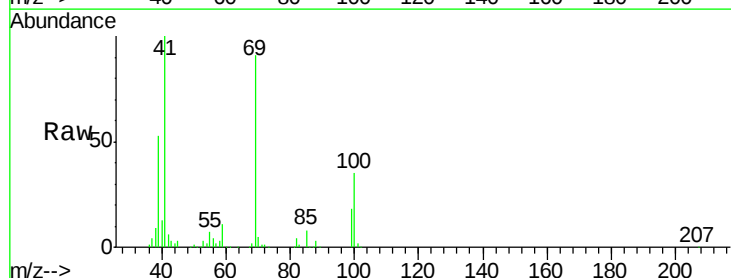
Tgt Ion: 41 Resp: 62949

Ion Ratio Lower Upper

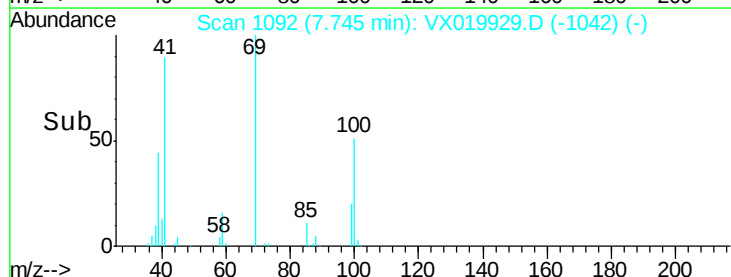
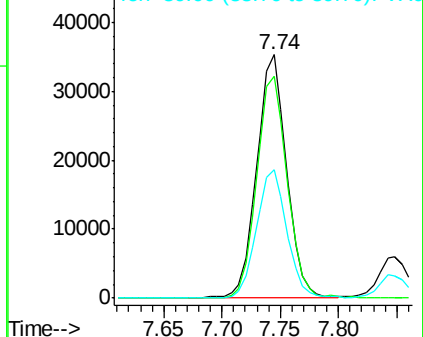
41 100

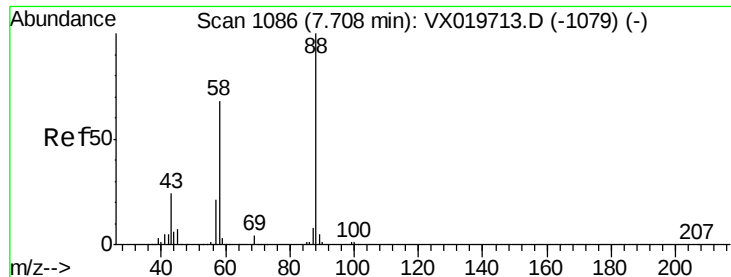
69 93.0 76.0 114.0

39 53.7 44.6 67.0



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 386.508 ug/l

RT: 7.71 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX019929.D

Acq: 12 Dec 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBSD01

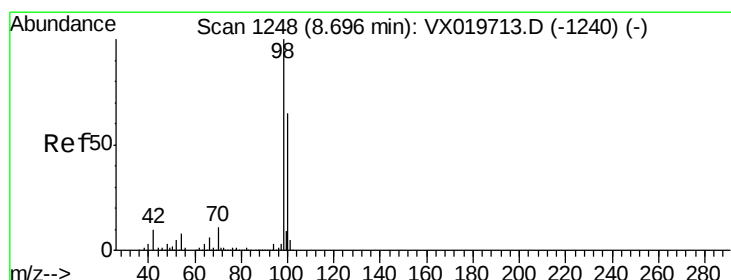
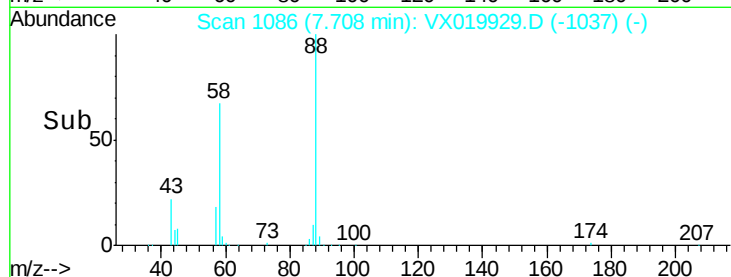
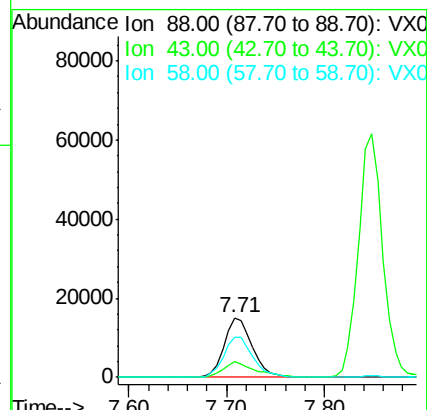
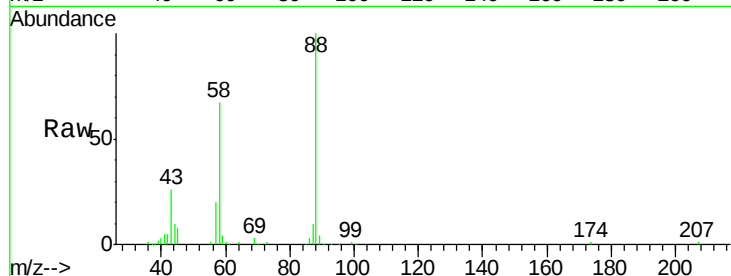
Tgt Ion: 88 Resp: 29757

Ion Ratio Lower Upper

88 100

43 29.4 23.2 34.8

58 71.0 55.0 82.4



#50

Toluene-d8

Concen: 48.878 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX019929.D

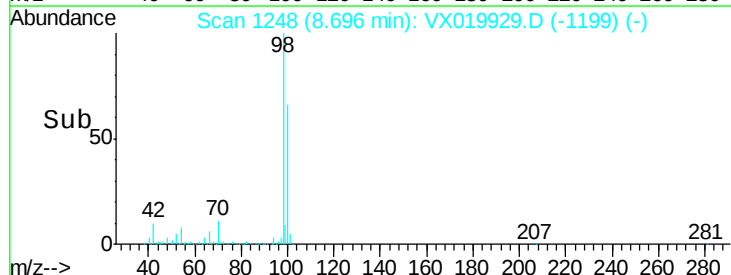
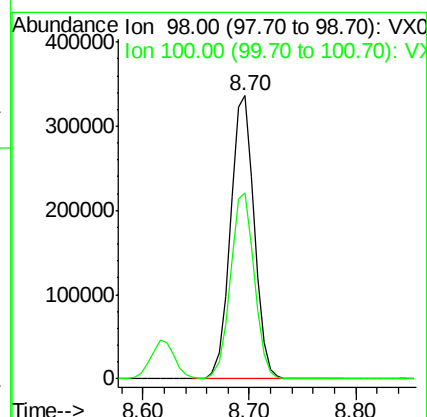
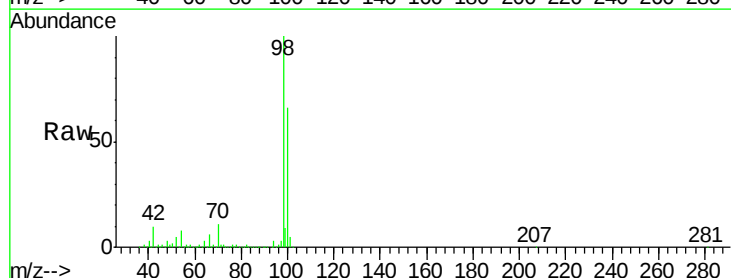
Acq: 12 Dec 2020 14:05

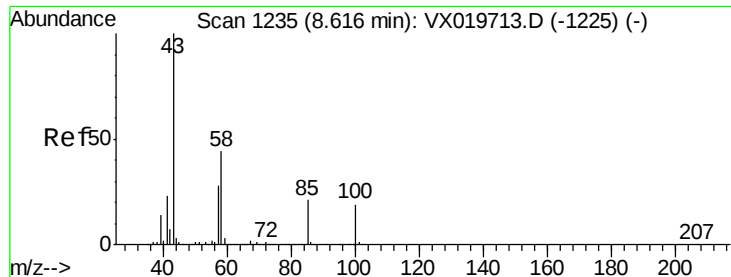
Tgt Ion: 98 Resp: 525390

Ion Ratio Lower Upper

98 100

100 66.0 51.9 77.9

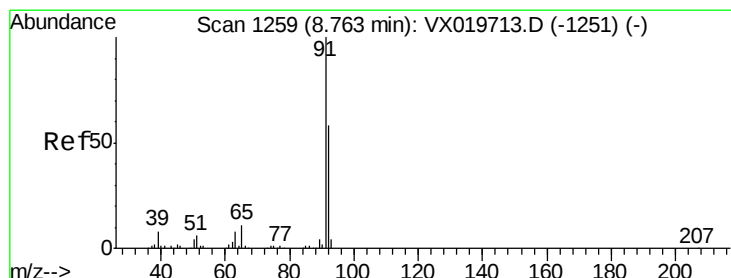
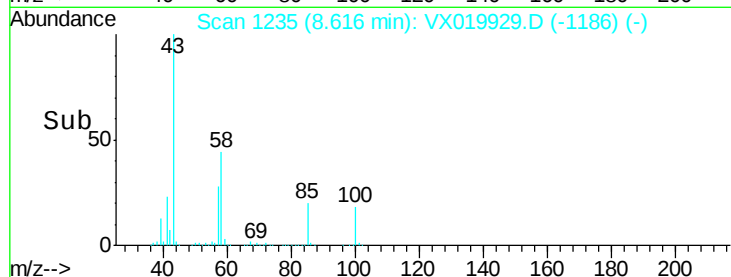
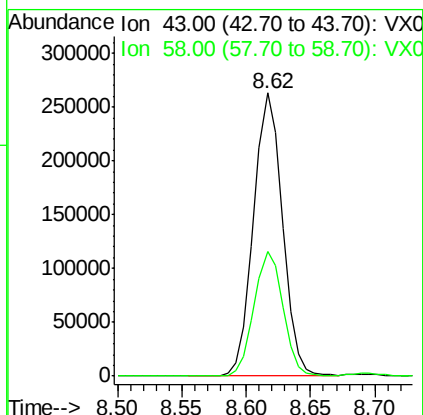
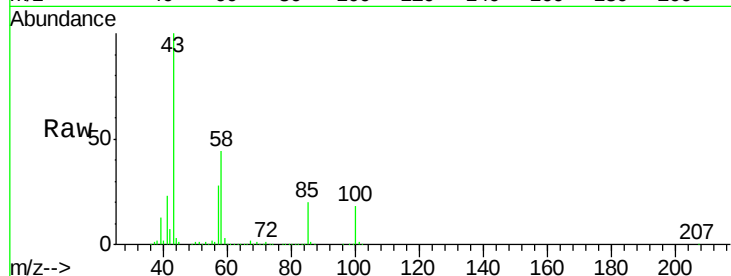




#51
 4-Methyl-2-Pentanone
 Concen: 103.243 ug/l
 RT: 8.62 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: VX019929.D
 Acq: 12 Dec 2020 14:05

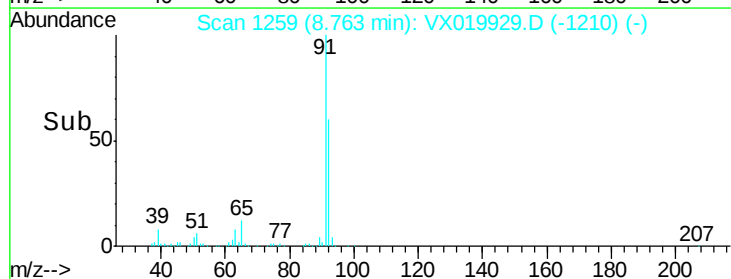
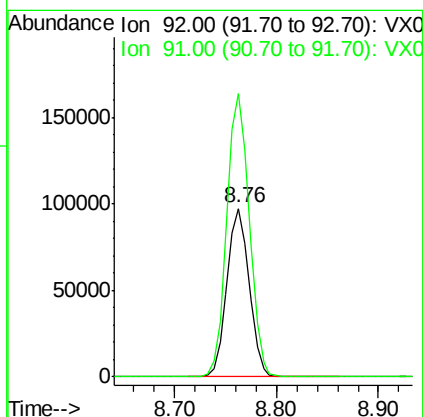
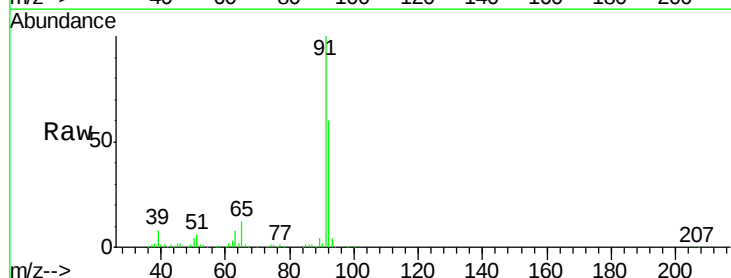
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBSD01

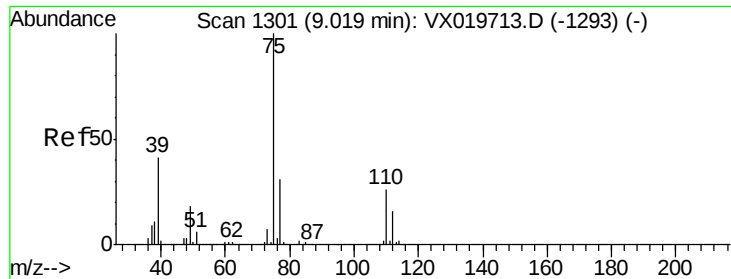
Tgt Ion: 43 Resp: 407329
 Ion Ratio Lower Upper
 43 100
 58 44.1 35.4 53.0



#52
 Toluene
 Concen: 19.513 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. 0.00 min
 Lab File: VX019929.D
 Acq: 12 Dec 2020 14:05

Tgt Ion: 92 Resp: 146764
 Ion Ratio Lower Upper
 92 100
 91 169.9 137.1 205.7

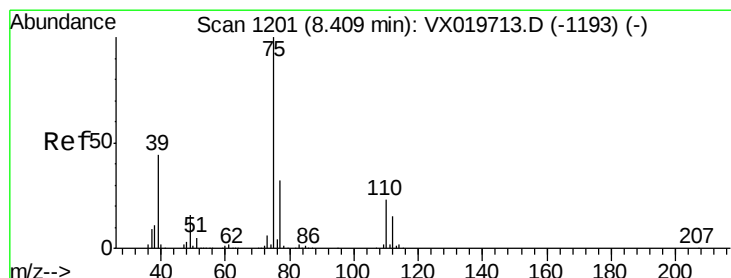
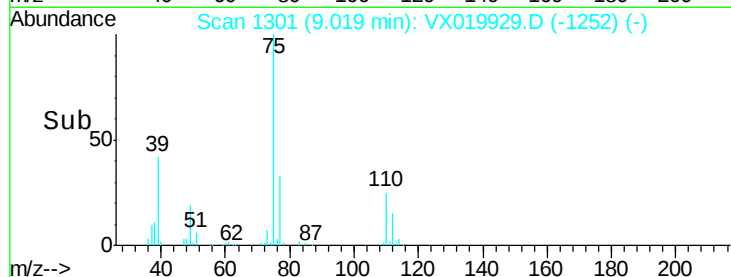
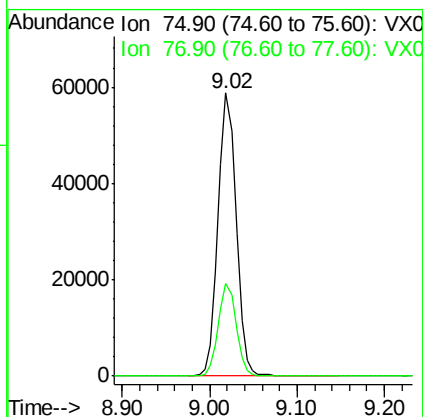
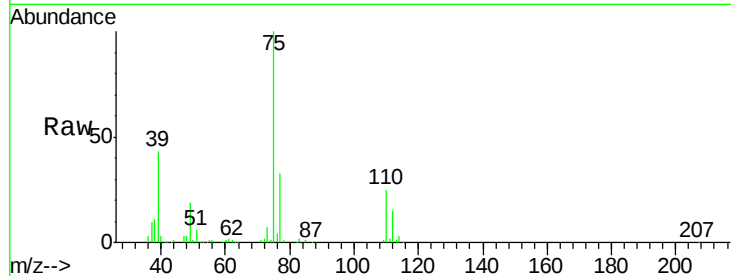




#53
 t-1,3-Dichloropropene
 Concen: 18.947 ug/l
 RT: 9.02 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: VX019929.D
 Acq: 12 Dec 2020 14:05

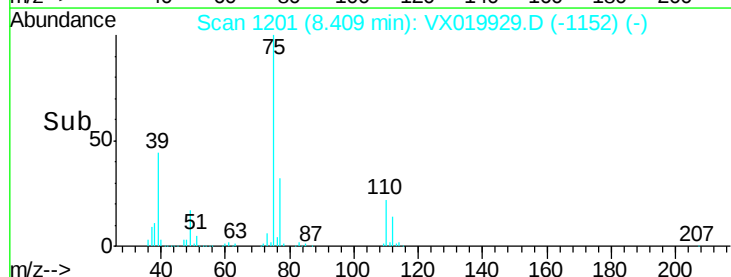
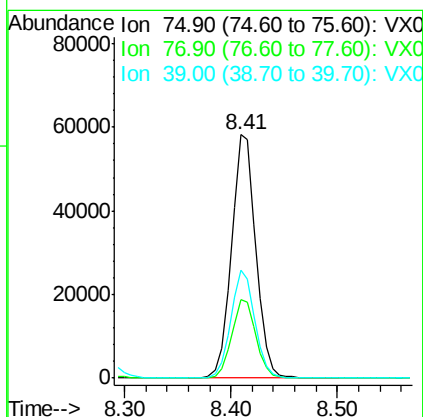
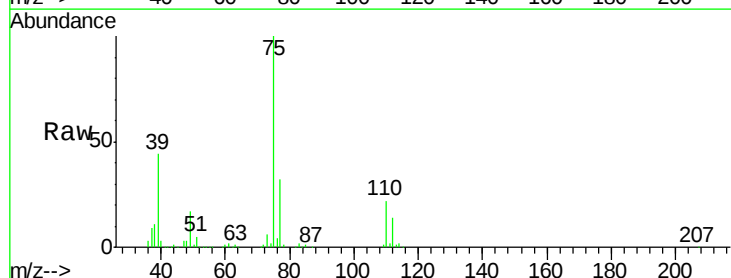
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBSD01

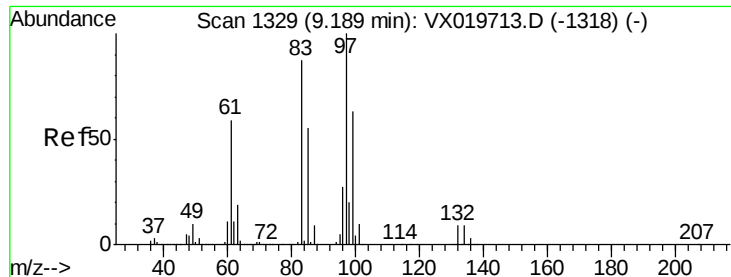
Tgt Ion: 75 Resp: 84680
 Ion Ratio Lower Upper
 75 100
 77 32.7 24.9 37.3



#54
 cis-1,3-Dichloropropene
 Concen: 19.166 ug/l
 RT: 8.41 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: VX019929.D
 Acq: 12 Dec 2020 14:05

Tgt Ion: 75 Resp: 93058
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.7 38.5
 39 44.1 35.1 52.7

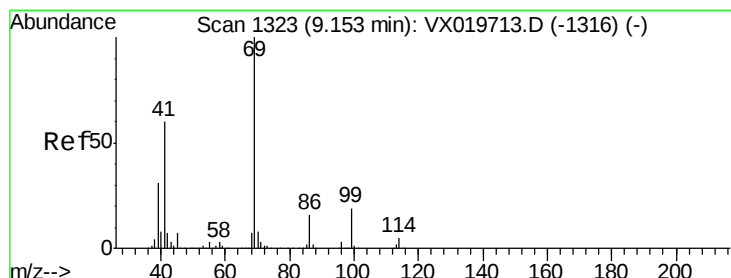
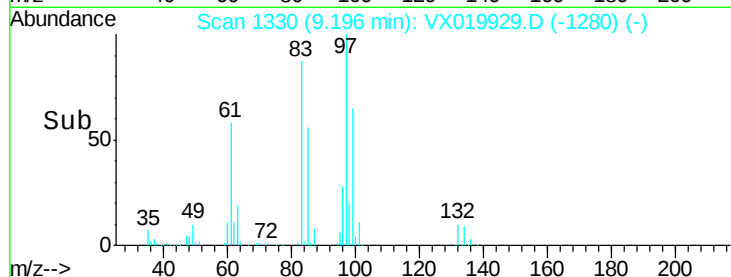
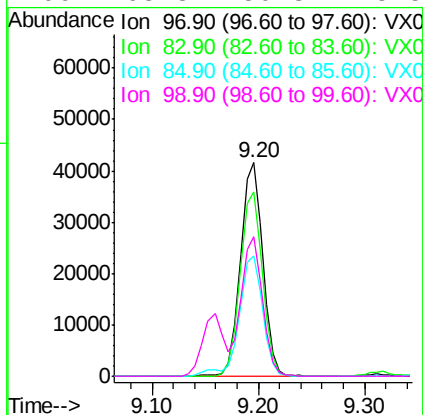
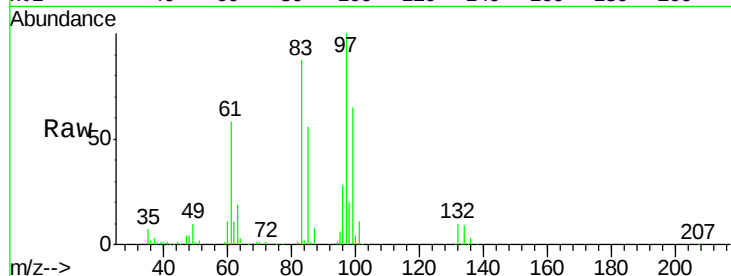




#55
 1,1,2-Trichloroethane
 Concen: 20.289 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: VX019929.D
 Acq: 12 Dec 2020 14:05

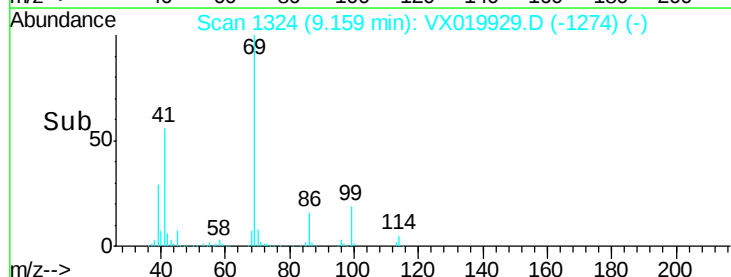
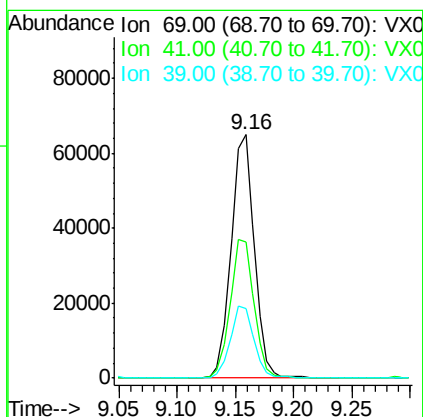
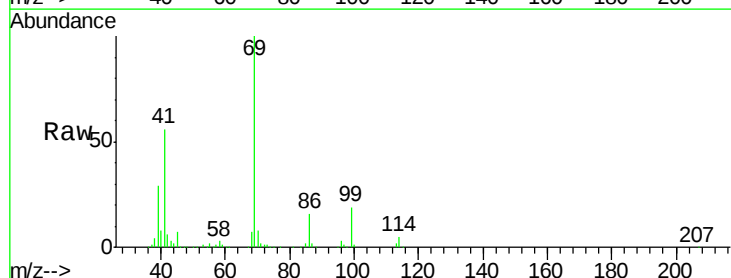
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBSD01

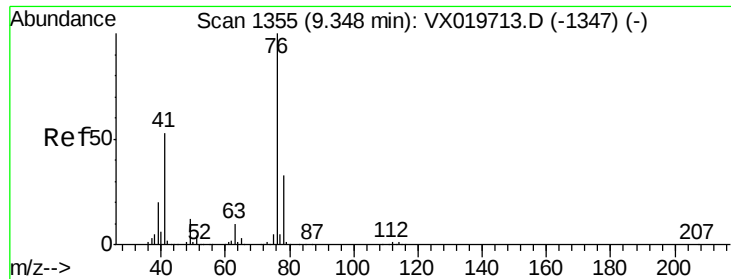
Tgt Ion: 97 Resp: 61495
 Ion Ratio Lower Upper
 97 100
 83 86.5 69.3 103.9
 85 56.2 44.3 66.5
 99 65.3 50.3 75.5



#56
 Ethyl methacrylate
 Concen: 19.709 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.01 min
 Lab File: VX019929.D
 Acq: 12 Dec 2020 14:05

Tgt Ion: 69 Resp: 90380
 Ion Ratio Lower Upper
 69 100
 41 58.0 46.8 70.2
 39 30.0 24.7 37.1

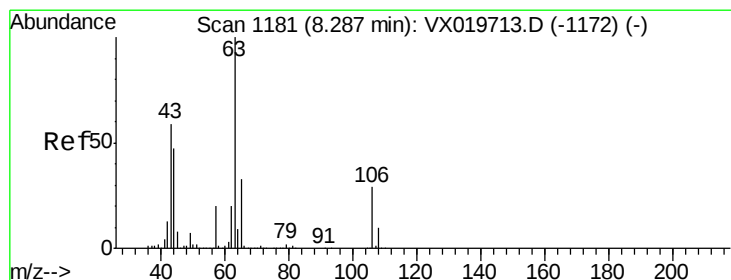
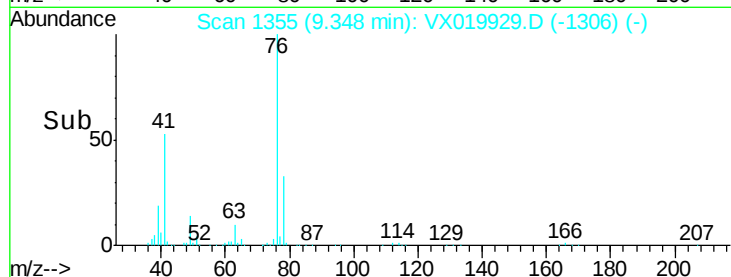
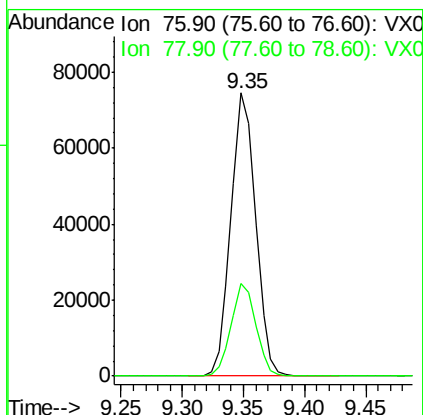
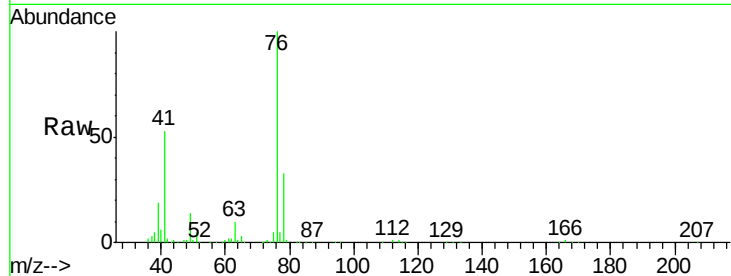




#57
 1,3-Dichloropropane
 Concen: 20.187 ug/l
 RT: 9.35 min Scan# 1355
 Delta R.T. 0.00 min
 Lab File: VX019929.D
 Acq: 12 Dec 2020 14:05

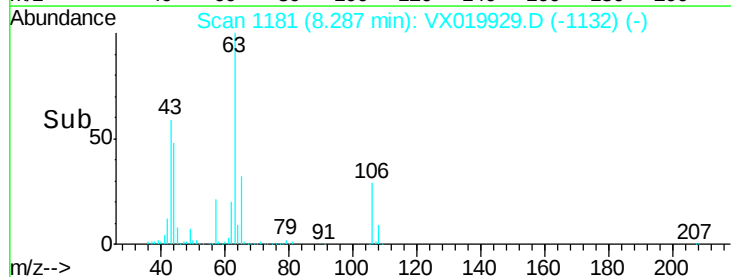
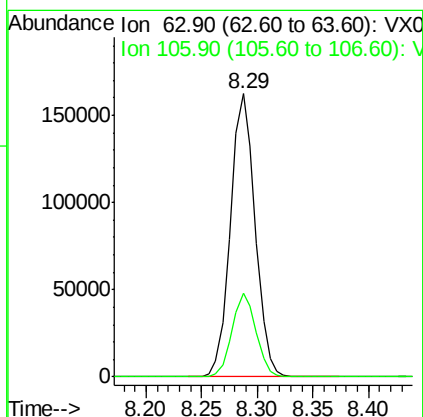
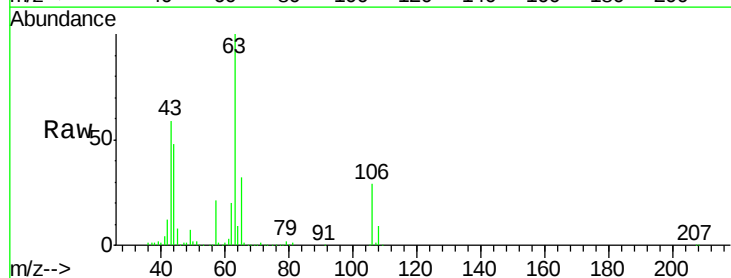
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBSD01

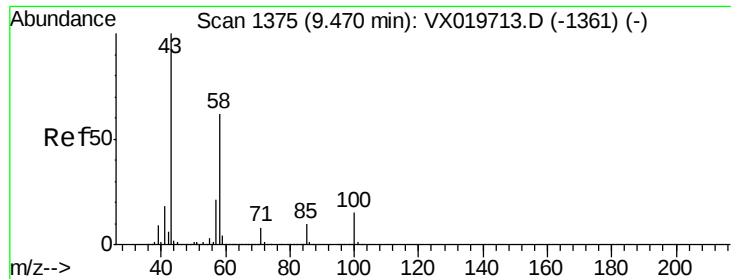
Tgt Ion: 76 Resp: 104474
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 102.594 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VX019929.D
 Acq: 12 Dec 2020 14:05

Tgt Ion: 63 Resp: 249233
 Ion Ratio Lower Upper
 63 100
 106 28.9 23.5 35.3

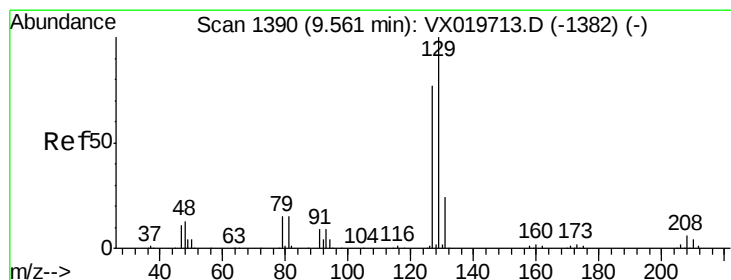
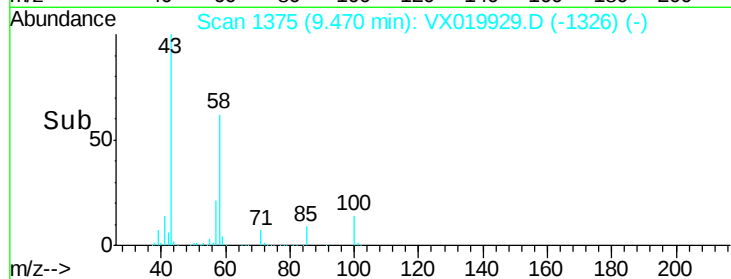
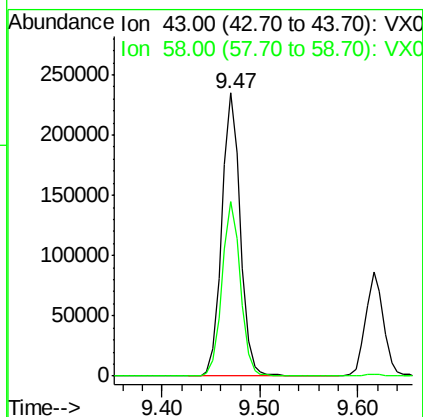
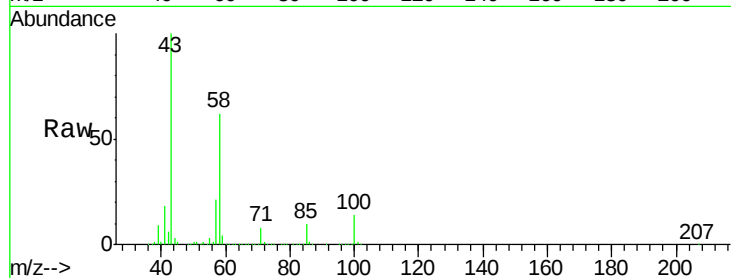




#59
2-Hexanone
Concen: 100.474 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX019929.D
Acq: 12 Dec 2020 14:05

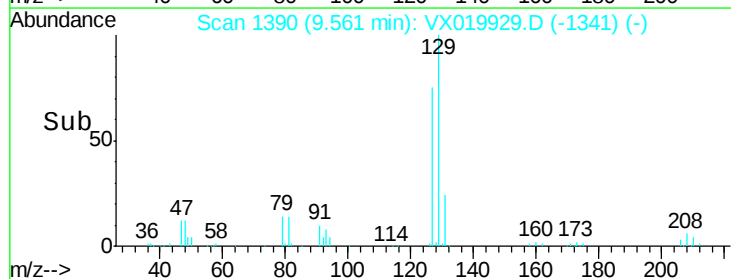
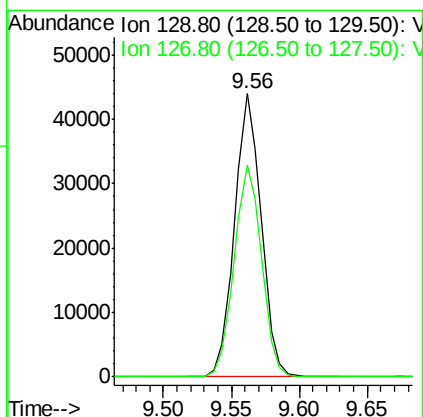
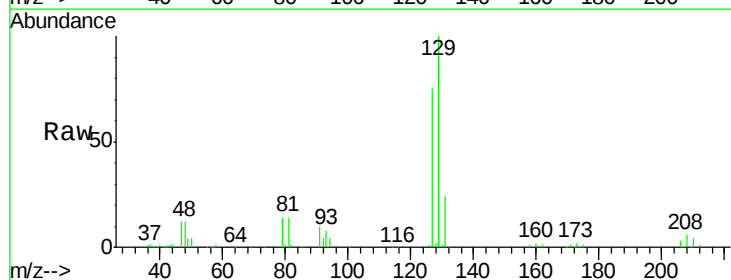
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD01

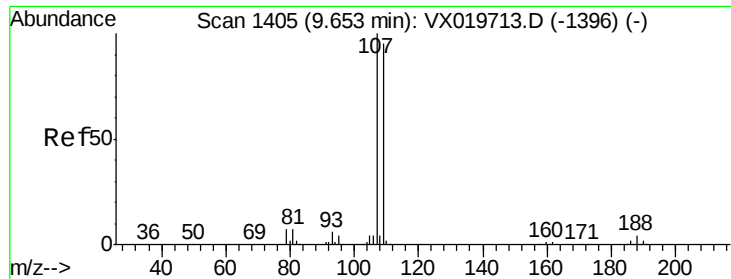
Tgt Ion: 43 Resp: 307264
Ion Ratio Lower Upper
43 100
58 61.6 30.9 92.8



#60
Dibromochloromethane
Concen: 19.487 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VX019929.D
Acq: 12 Dec 2020 14:05

Tgt Ion: 129 Resp: 60007
Ion Ratio Lower Upper
129 100
127 76.9 38.4 115.2





#61

1,2-Dibromoethane

Concen: 19.824 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX019929.D

Acq: 12 Dec 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

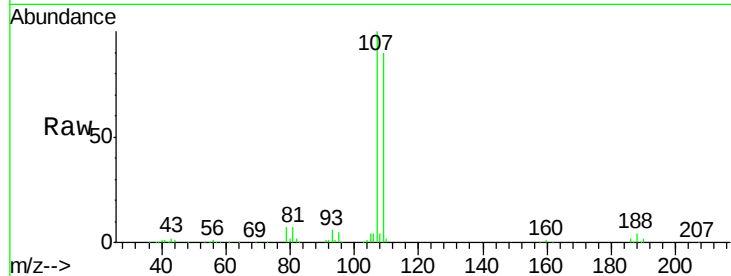
VX1212WBSD01

Tgt Ion: 107 Resp: 63803

Ion Ratio Lower Upper

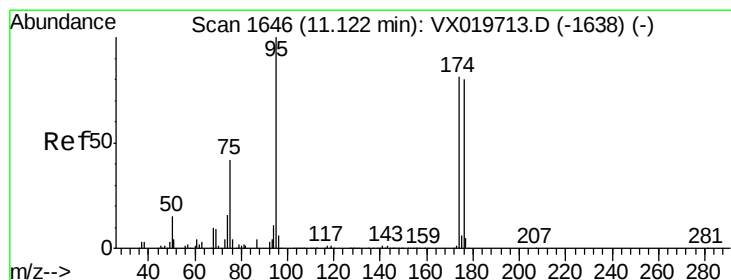
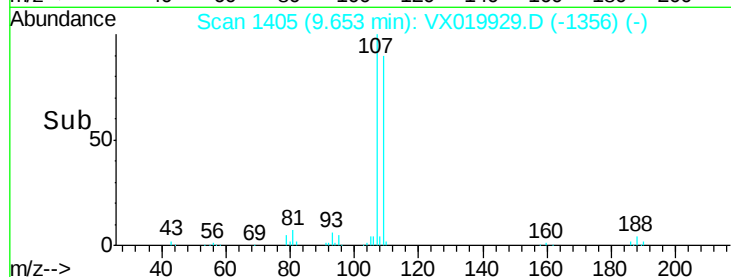
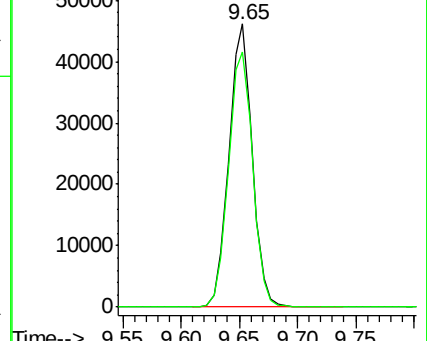
107 100

109 93.7 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.888 ug/l

RT: 11.12 min Scan# 1645

Delta R.T. -0.01 min

Lab File: VX019929.D

Acq: 12 Dec 2020 14:05

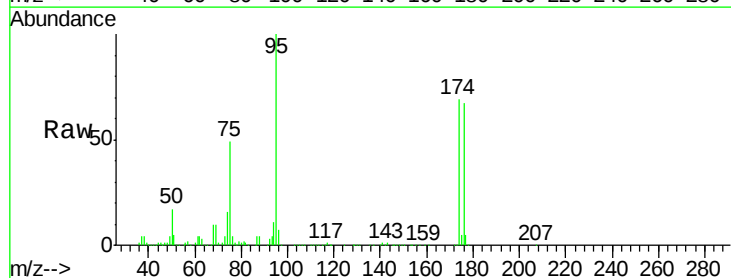
Tgt Ion: 95 Resp: 200010

Ion Ratio Lower Upper

95 100

174 76.4 0.0 154.6

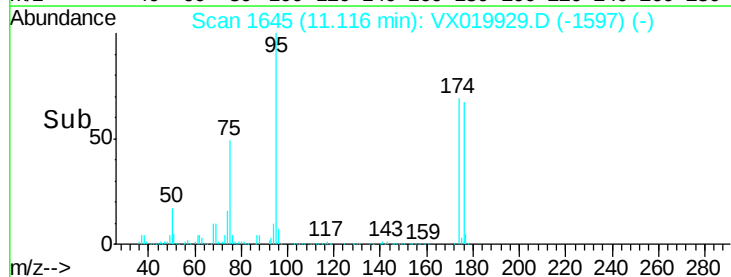
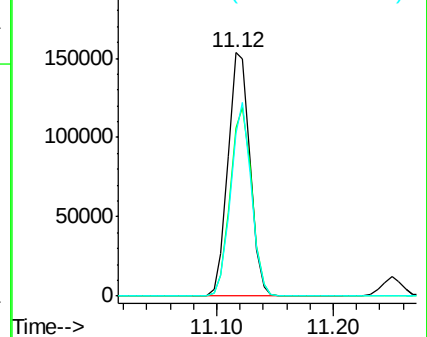
176 74.7 0.0 155.8

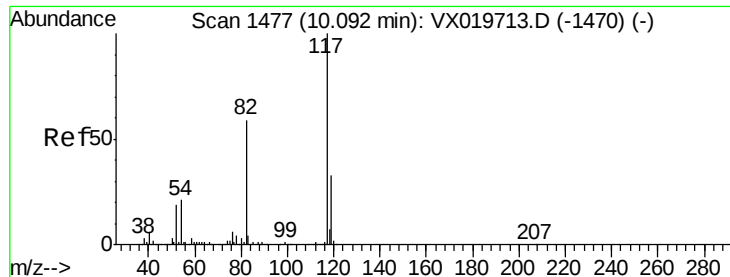


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.09 min Scan# 1477

Delta R.T. 0.00 min

Lab File: VX019929.D

Acq: 12 Dec 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBSD01

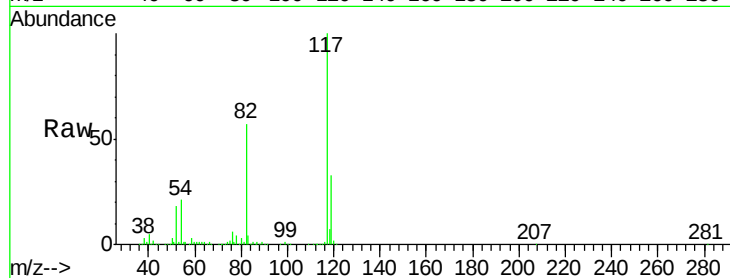
Tgt Ion:117 Resp: 406104

Ion Ratio Lower Upper

117 100

82 57.2 47.4 71.2

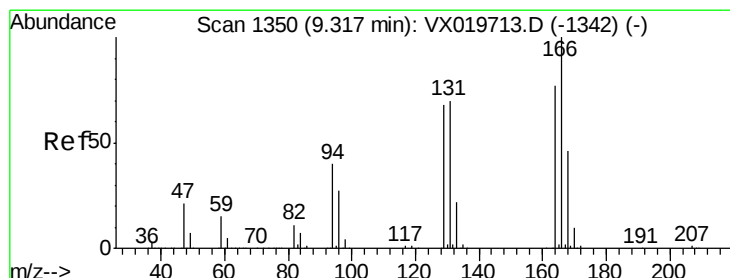
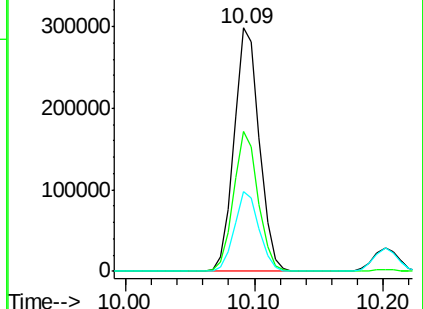
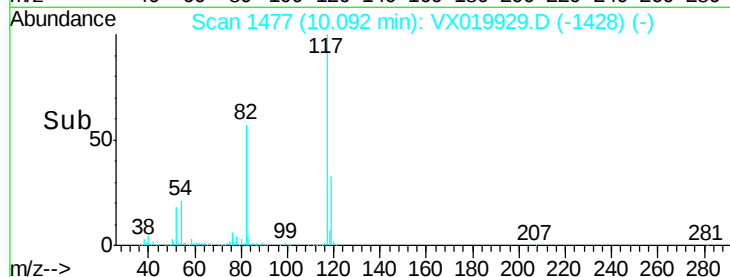
119 32.7 26.6 39.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 20.120 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX019929.D

Acq: 12 Dec 2020 14:05

Tgt Ion:164 Resp: 54795

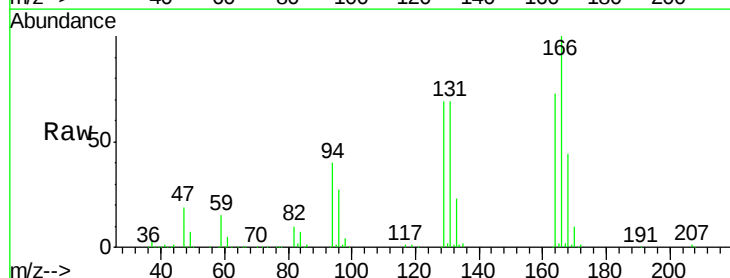
Ion Ratio Lower Upper

164 100

166 136.4 103.4 155.2

129 94.4 70.8 106.2

131 94.1 72.5 108.7

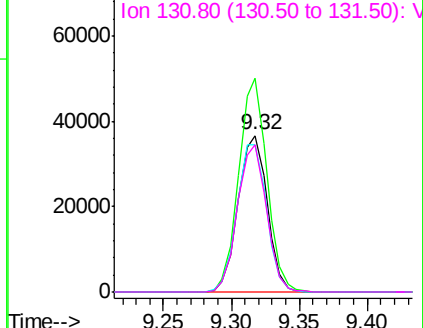
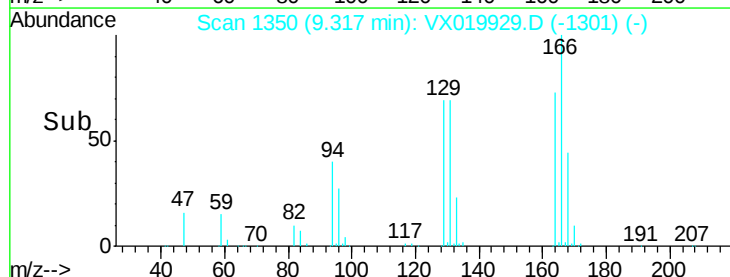


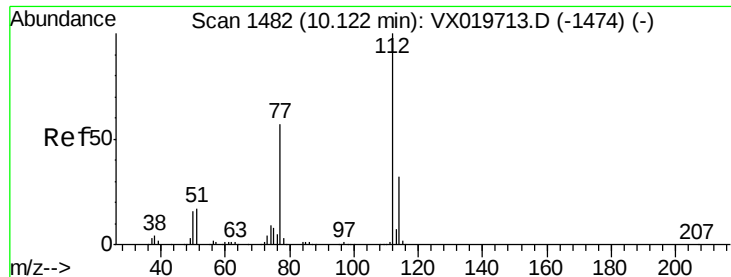
Abundance Ion 163.80 (163.50 to 164.50): V

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

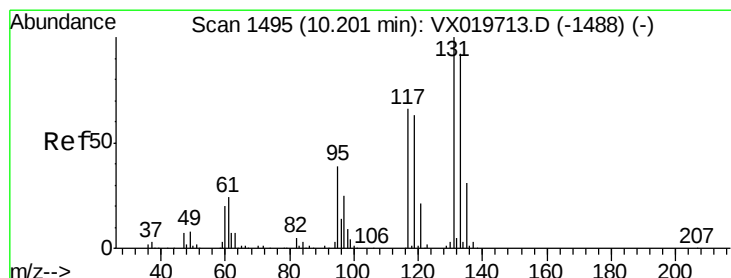
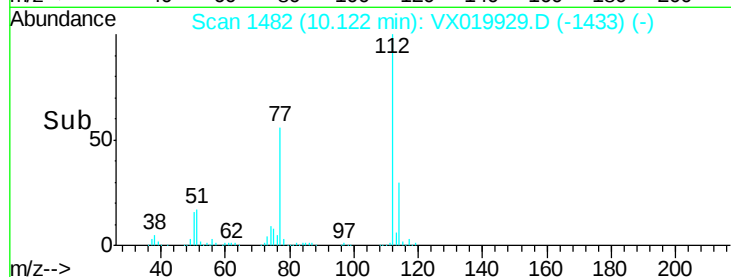
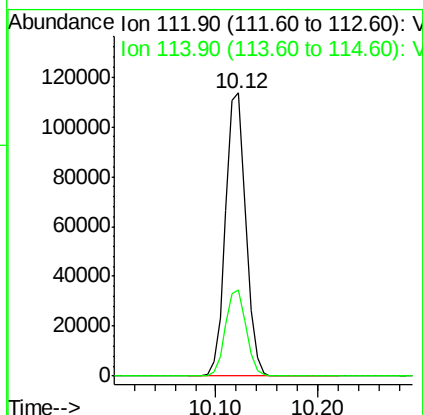
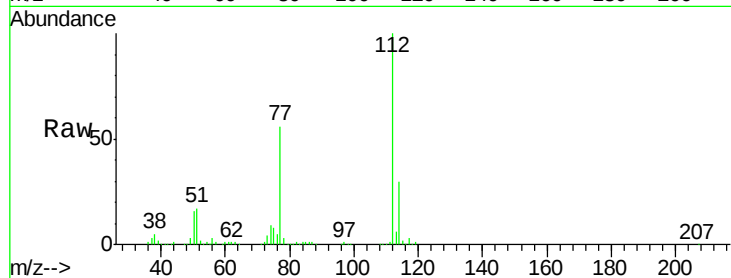




#65
Chlorobenzene
Concen: 19.303 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX019929.D
Acq: 12 Dec 2020 14:05

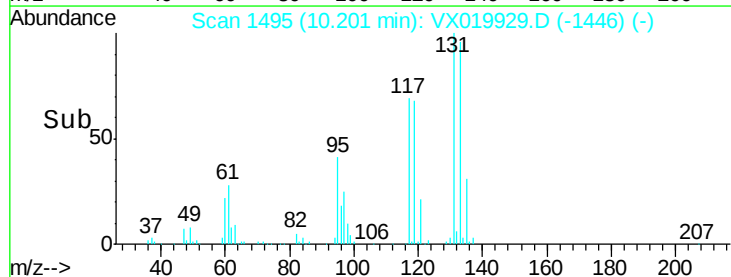
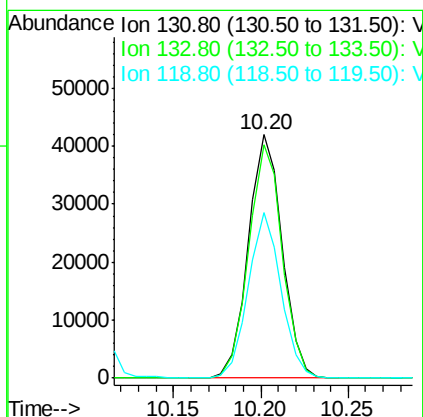
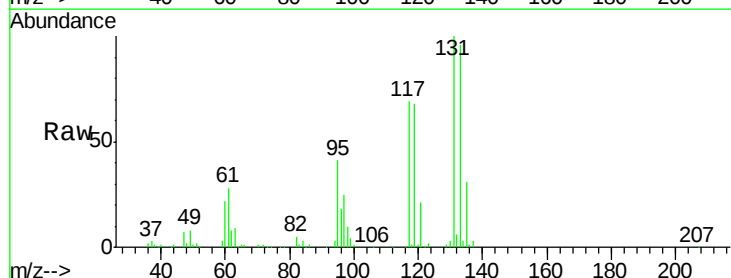
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD01

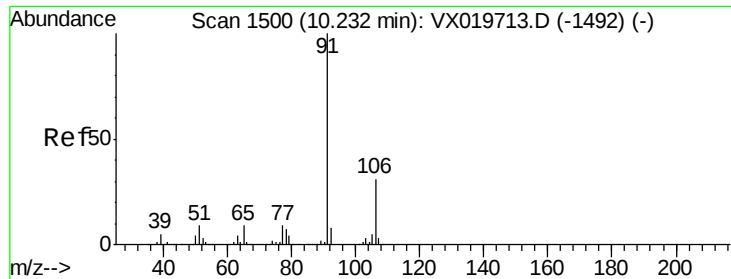
Tgt Ion:112 Resp: 156178
Ion Ratio Lower Upper
112 100
114 30.3 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.358 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX019929.D
Acq: 12 Dec 2020 14:05

Tgt Ion:131 Resp: 56373
Ion Ratio Lower Upper
131 100
133 95.4 47.7 143.1
119 66.2 32.1 96.5





#67

Ethyl Benzene

Concen: 19.109 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. 0.00 min

Lab File: VX019929.D

Acq: 12 Dec 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

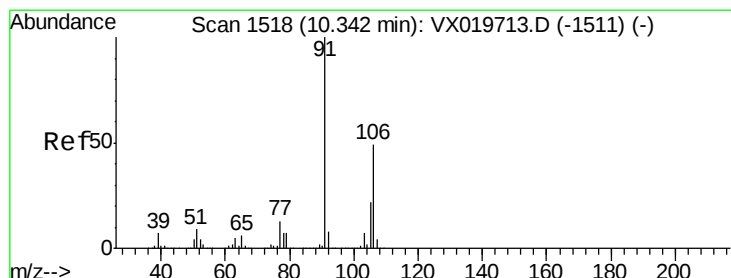
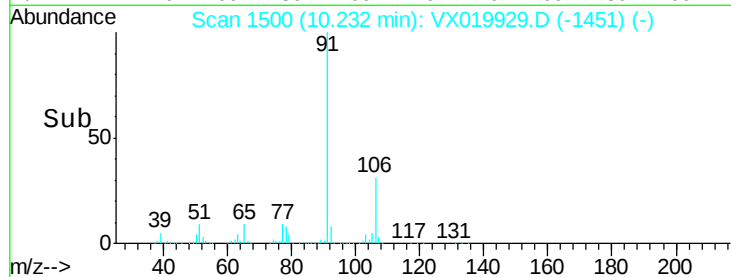
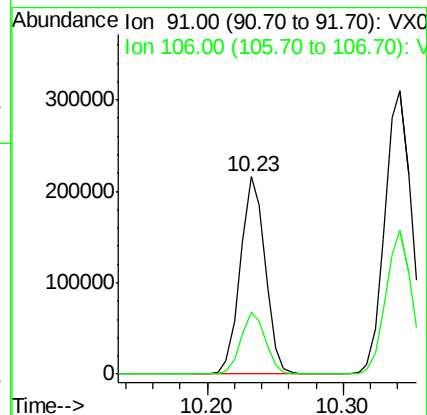
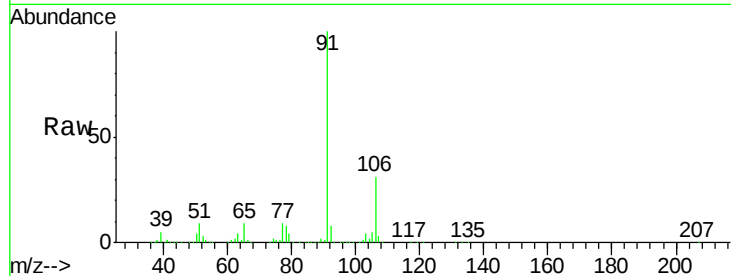
VX1212WBSD01

Tgt Ion: 91 Resp: 274434

Ion Ratio Lower Upper

91 100

106 31.3 24.6 37.0



#68

m/p-Xylenes

Concen: 38.250 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX019929.D

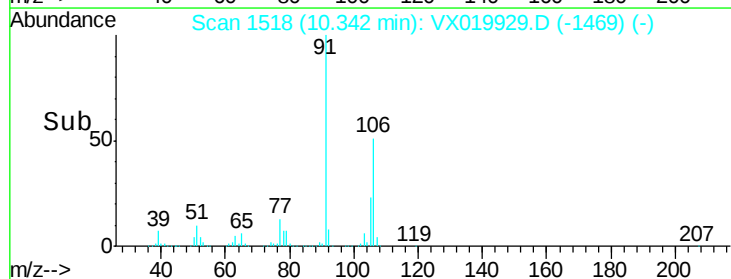
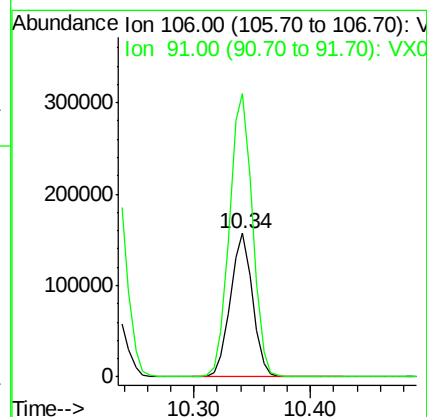
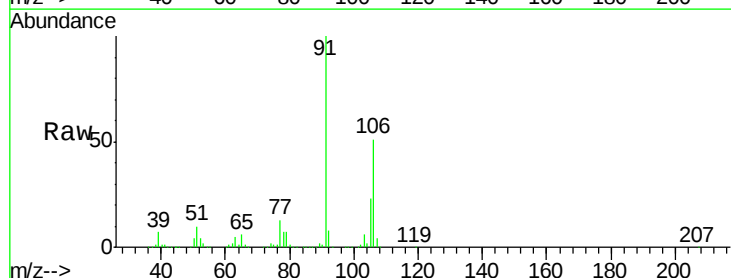
Acq: 12 Dec 2020 14:05

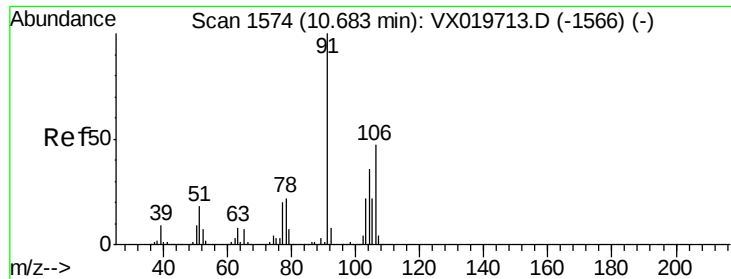
Tgt Ion: 106 Resp: 206993

Ion Ratio Lower Upper

106 100

91 203.9 162.8 244.2

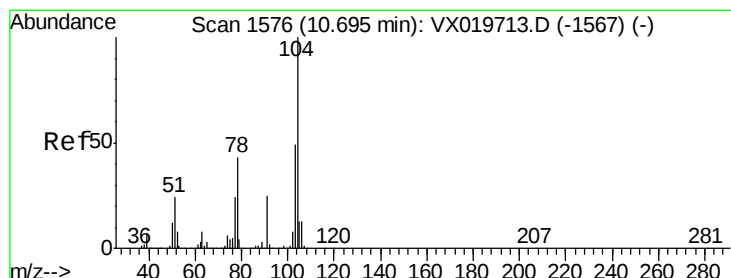
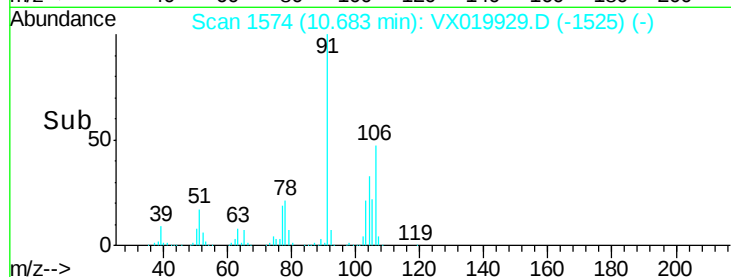
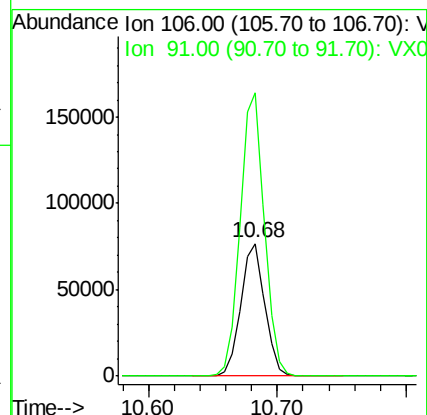
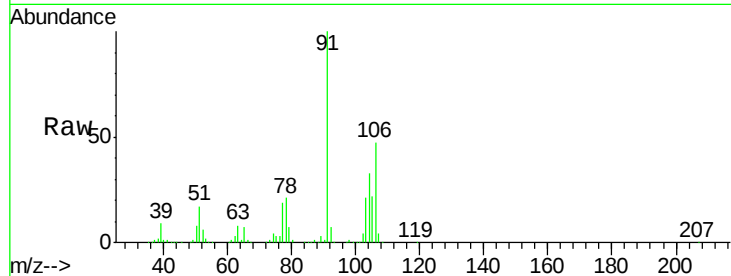




#69
o-Xylene
Concen: 19.089 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX019929.D
Acq: 12 Dec 2020 14:05

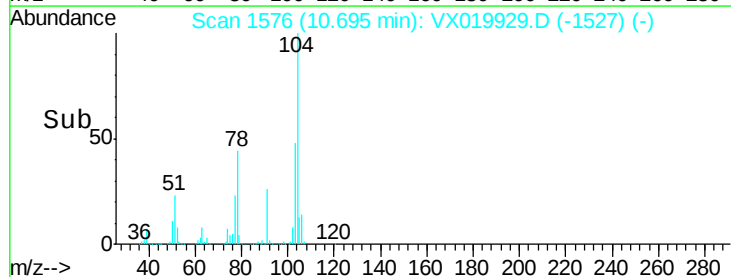
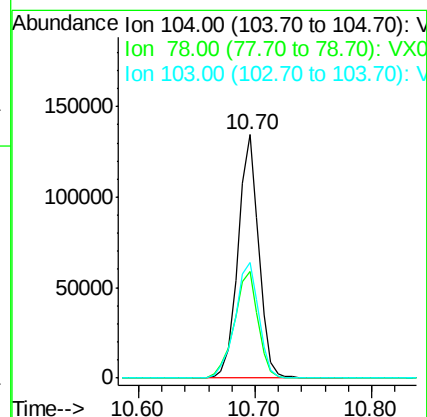
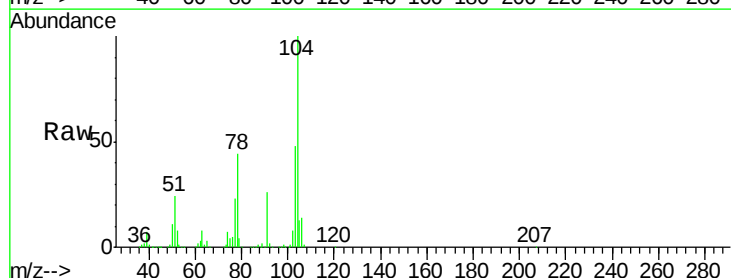
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD01

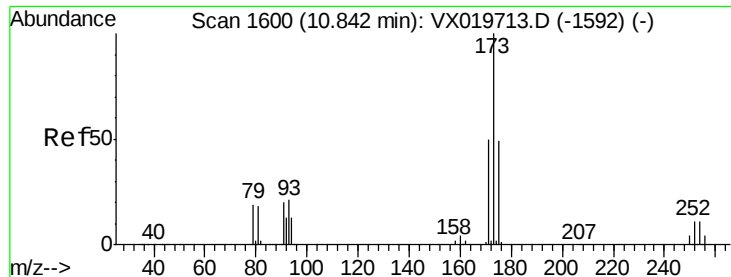
Tgt Ion:106 Resp: 99369
Ion Ratio Lower Upper
106 100
91 215.2 108.1 324.2



#70
Styrene
Concen: 18.916 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019929.D
Acq: 12 Dec 2020 14:05

Tgt Ion:104 Resp: 166205
Ion Ratio Lower Upper
104 100
78 50.5 40.0 60.0
103 54.4 43.4 65.0





#71

Bromoform

Concen: 18.409 ug/l

RT: 10.84 min Scan# 1599

Delta R.T. -0.01 min

Lab File: VX019929.D

Acq: 12 Dec 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBSD01

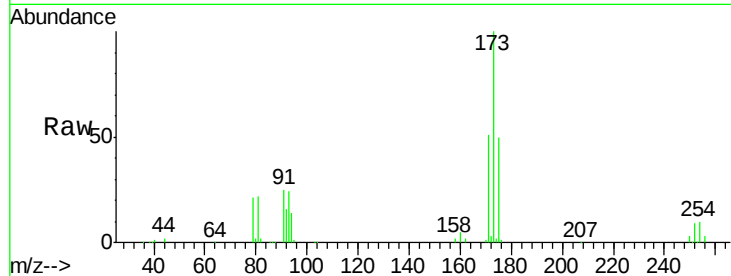
Tgt Ion:173 Resp: 42173

Ion Ratio Lower Upper

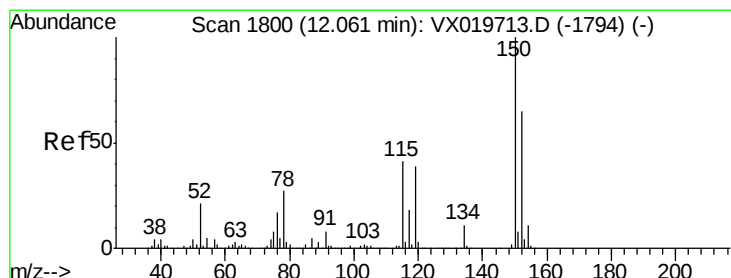
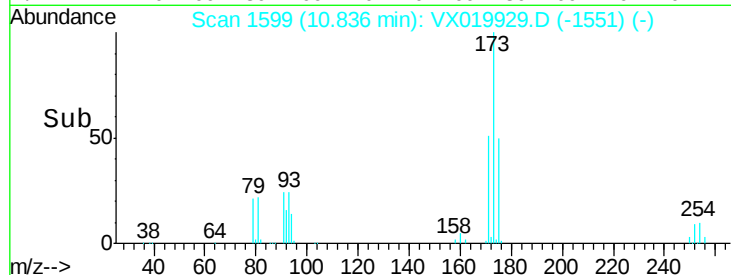
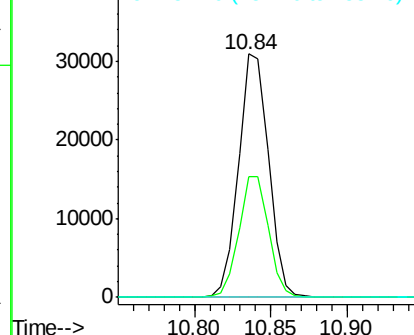
173 100

175 49.3 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: VX019929.D

Acq: 12 Dec 2020 14:05

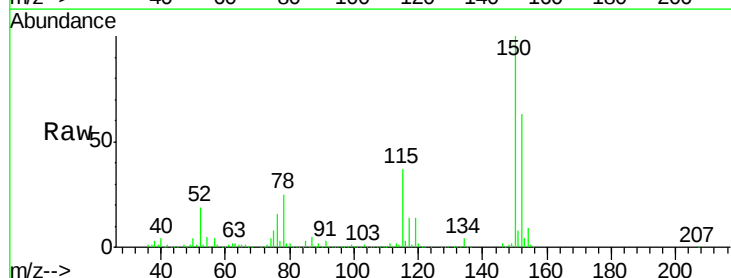
Tgt Ion:152 Resp: 199548

Ion Ratio Lower Upper

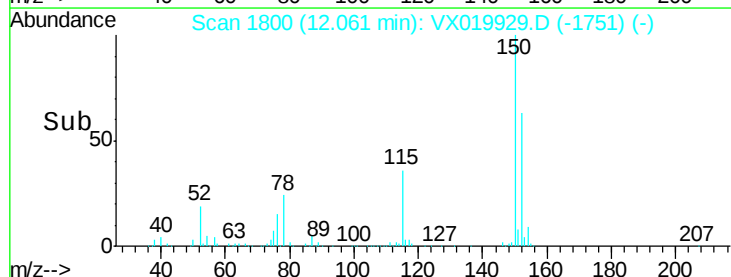
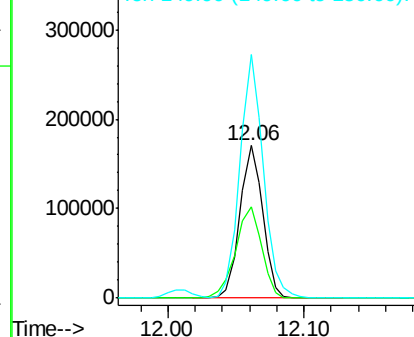
152 100

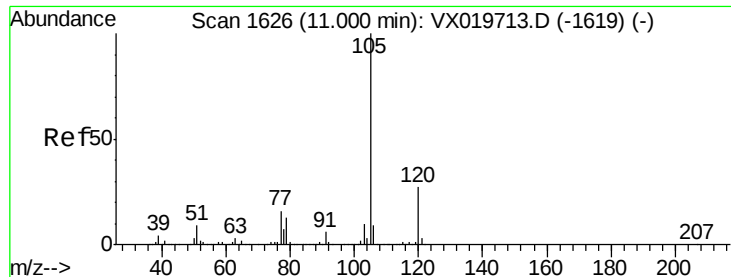
115 68.2 41.1 123.3

150 163.9 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: 19.628 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX019929.D

Acq: 12 Dec 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

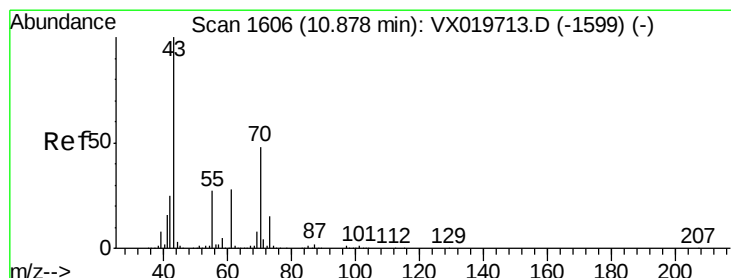
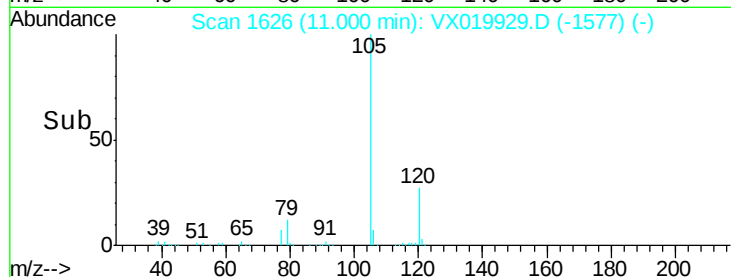
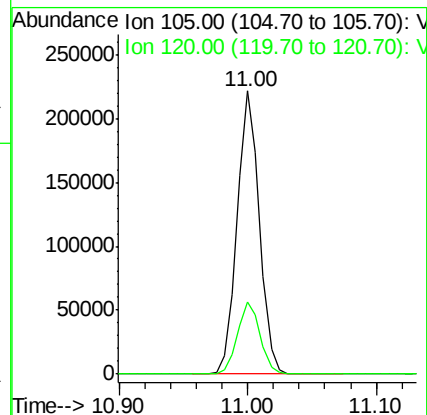
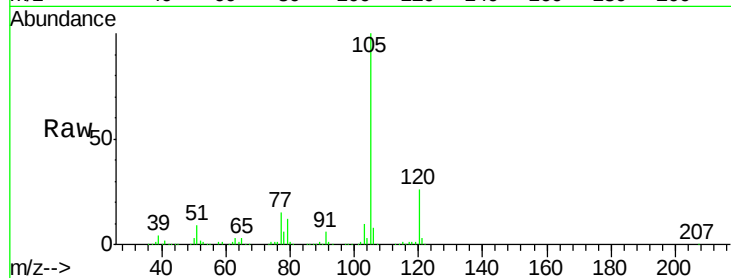
VX1212WBSD01

Tgt Ion: 105 Resp: 267589

Ion Ratio Lower Upper

105 100

120 25.9 13.2 39.6



#74

N-ethyl acetate

Concen: 18.631 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX019929.D

Acq: 12 Dec 2020 14:05

Tgt Ion: 43 Resp: 101790

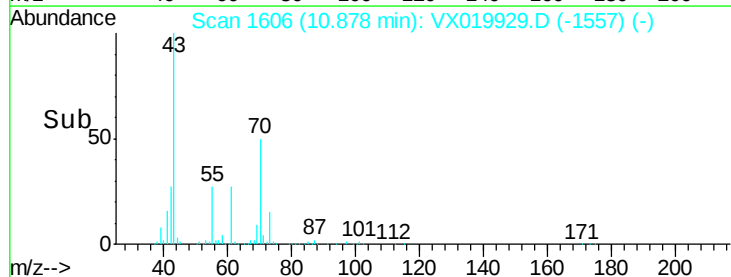
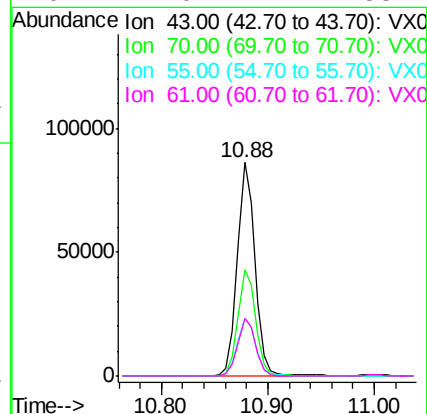
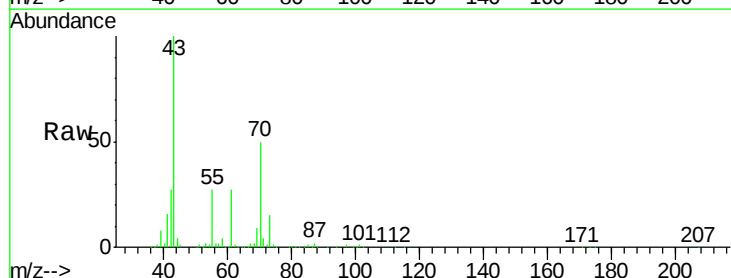
Ion Ratio Lower Upper

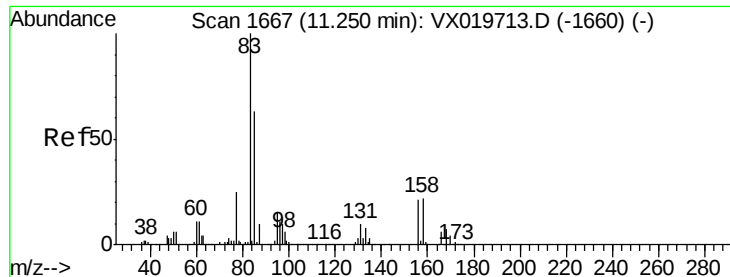
43 100

70 49.9 39.0 58.6

55 28.5 21.5 32.3

61 27.0 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 20.060 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX019929.D

Acq: 12 Dec 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBSD01

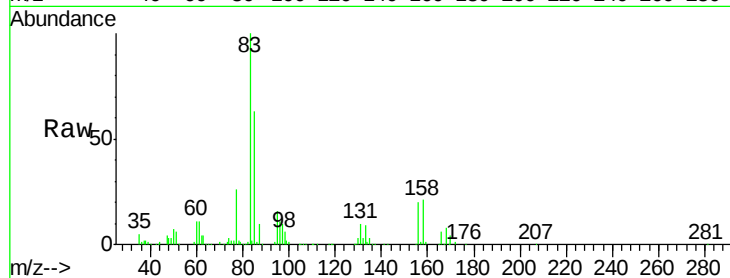
Tgt Ion: 83 Resp: 96418

Ion Ratio Lower Upper

83 100

131 9.9 5.1 15.2

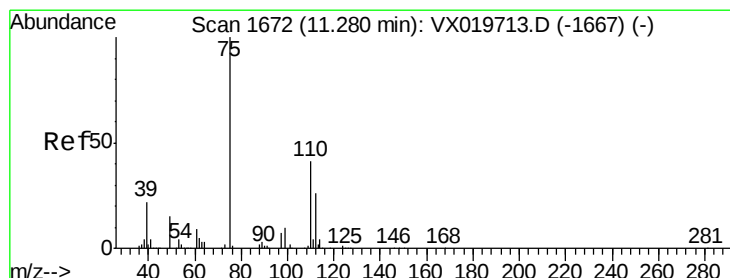
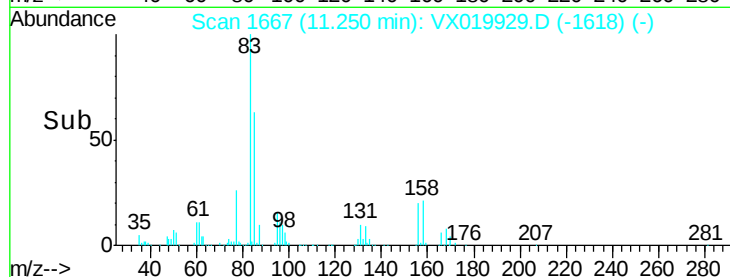
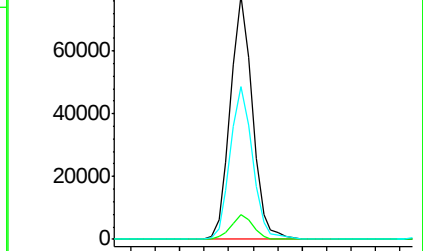
85 63.6 31.8 95.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 23.766 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX019929.D

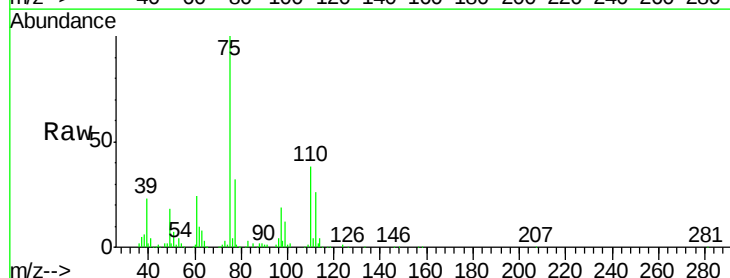
Acq: 12 Dec 2020 14:05

Tgt Ion: 75 Resp: 106365

Ion Ratio Lower Upper

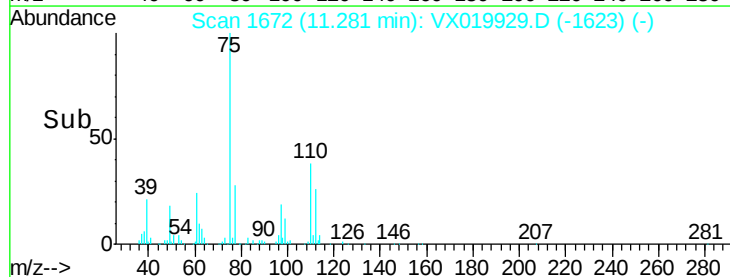
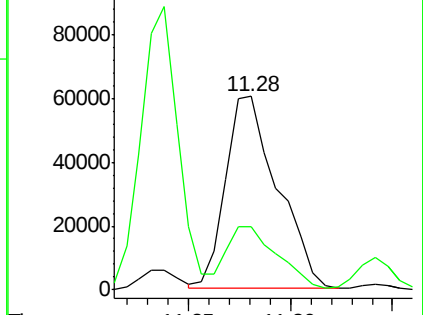
75 100

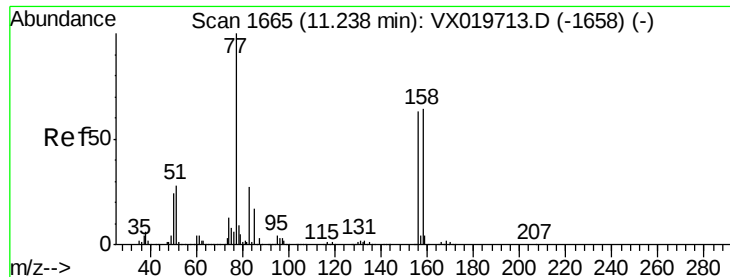
77 31.9 19.1 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.371 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX019929.D

Acq: 12 Dec 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBSD01

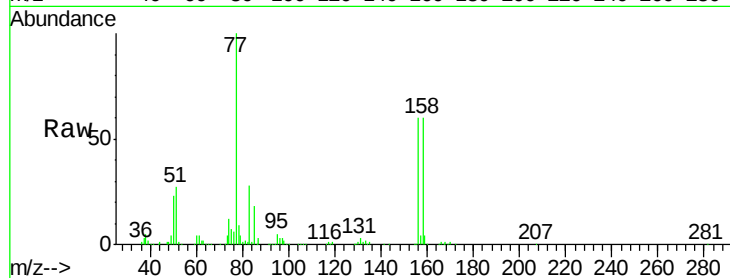
Tgt Ion:156 Resp: 67581

Ion Ratio Lower Upper

156 100

77 167.4 82.8 248.6

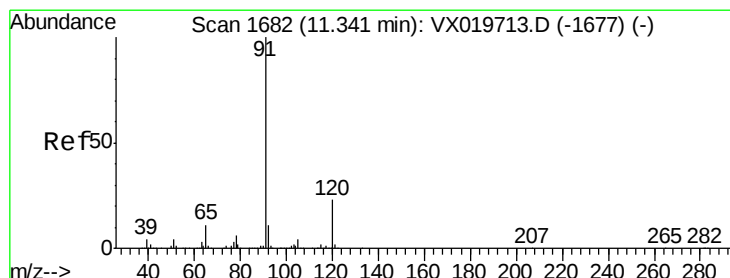
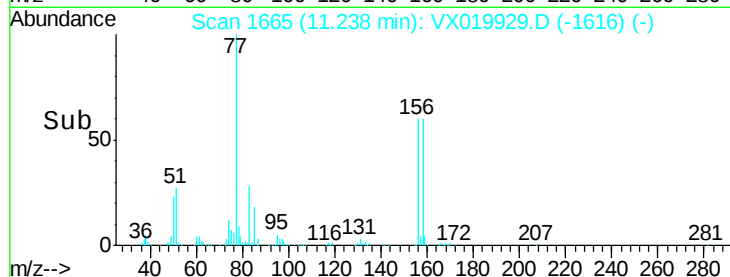
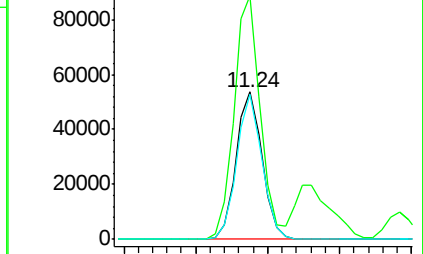
158 95.4 49.1 147.4



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: 19.544 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX019929.D

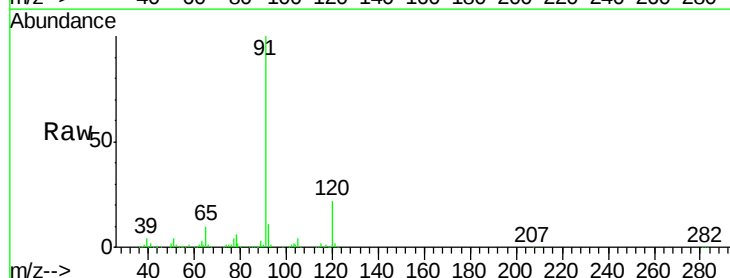
Acq: 12 Dec 2020 14:05

Tgt Ion: 91 Resp: 304320

Ion Ratio Lower Upper

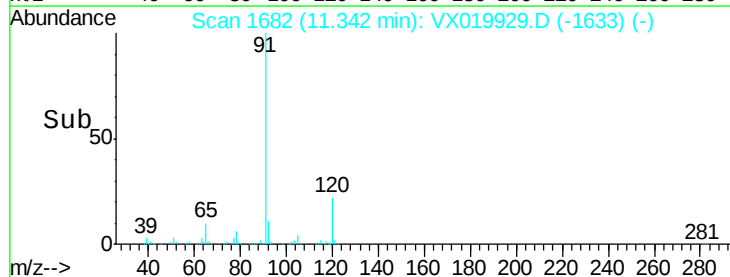
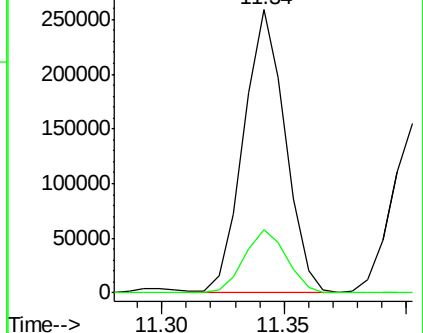
91 100

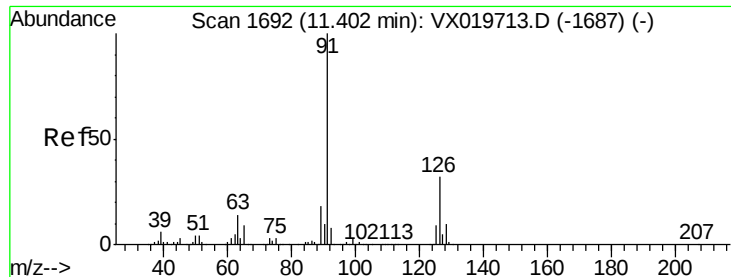
120 22.7 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.483 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX019929.D

Acq: 12 Dec 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

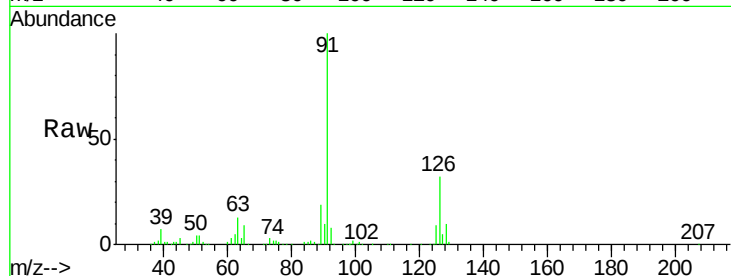
VX1212WBSD01

Tgt Ion: 91 Resp: 186817

Ion Ratio Lower Upper

91 100

126 32.9 16.6 49.8



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

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

250000

200000

150000

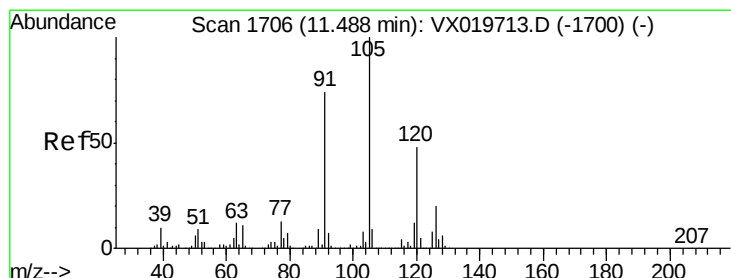
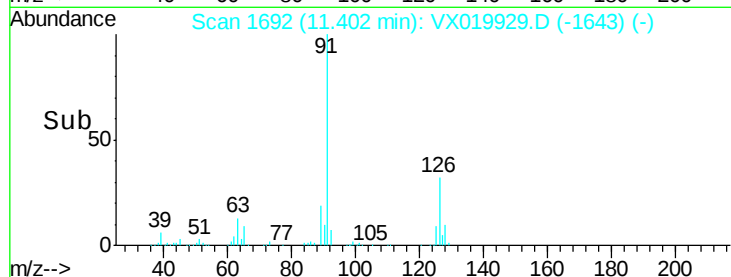
100000

50000

0

11.35 11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 19.613 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX019929.D

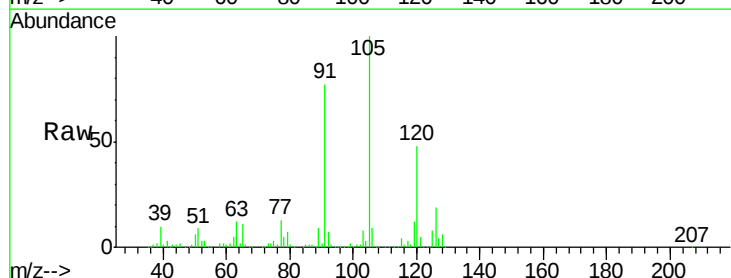
Acq: 12 Dec 2020 14:05

Tgt Ion: 105 Resp: 225659

Ion Ratio Lower Upper

105 100

120 48.5 23.8 71.5



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

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

200000

150000

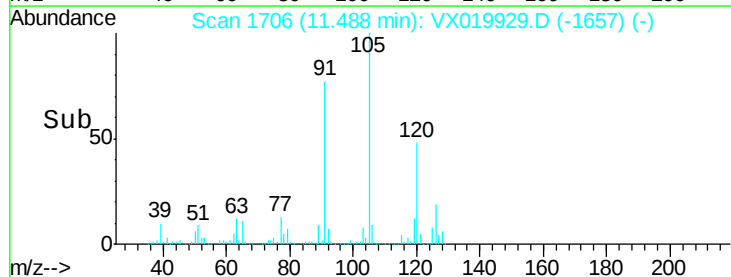
100000

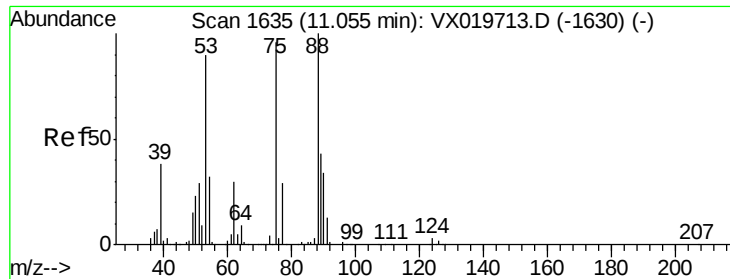
50000

0

11.45 11.50 11.55

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 17.591 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX019929.D

Acq: 12 Dec 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBSD01

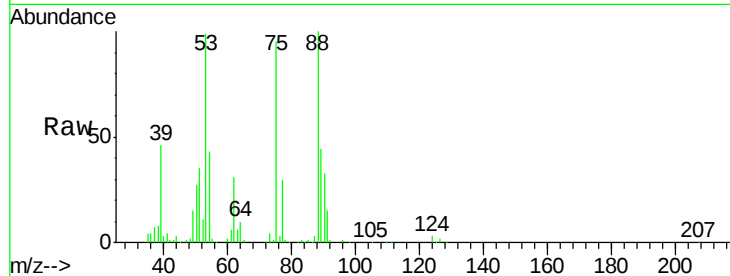
Tgt Ion: 75 Resp: 27234

Ion Ratio Lower Upper

75 100

53 102.7 74.5 111.7

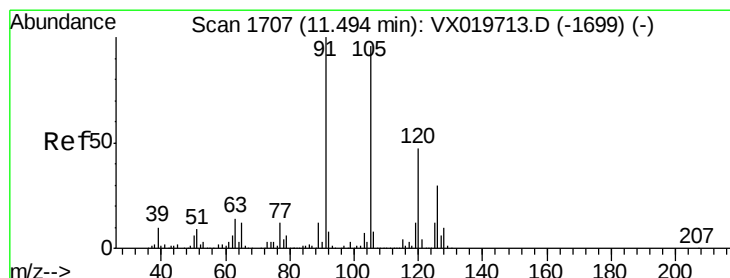
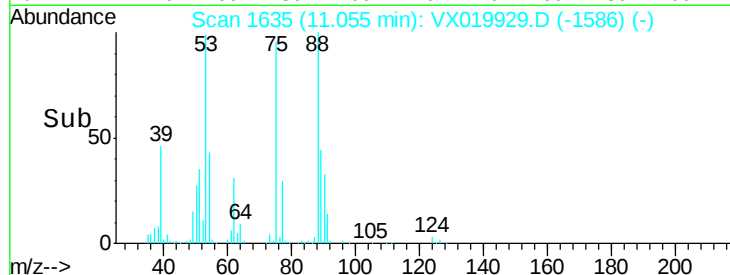
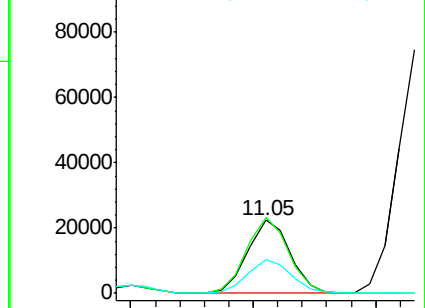
89 47.0 37.9 56.9



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: 19.548 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX019929.D

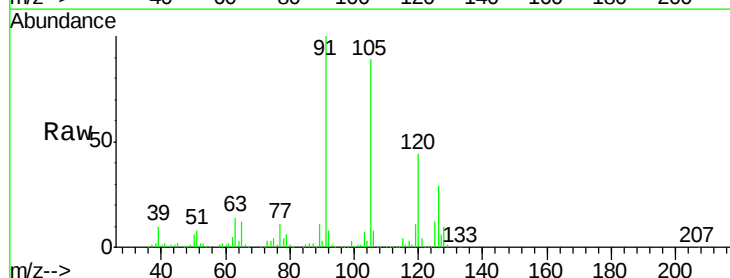
Acq: 12 Dec 2020 14:05

Tgt Ion: 91 Resp: 219533

Ion Ratio Lower Upper

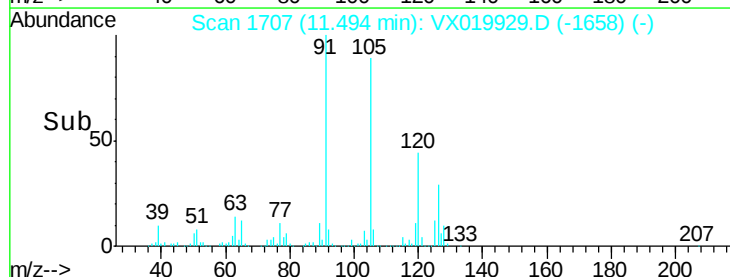
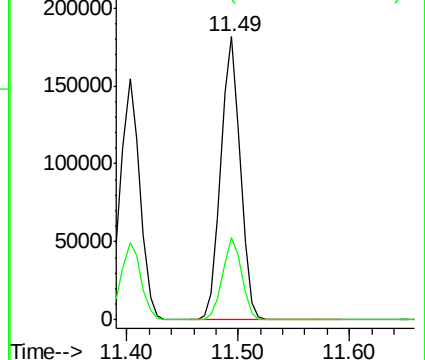
91 100

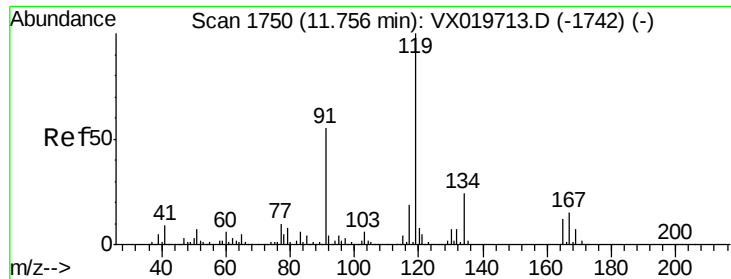
126 28.7 14.9 44.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

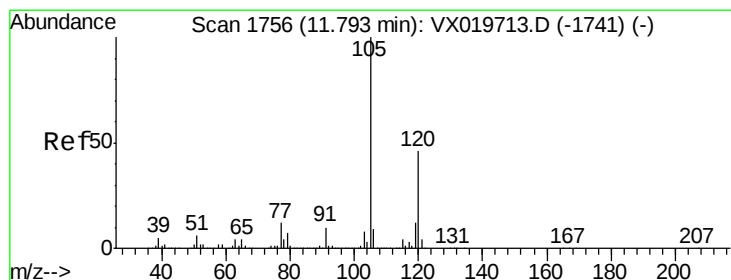
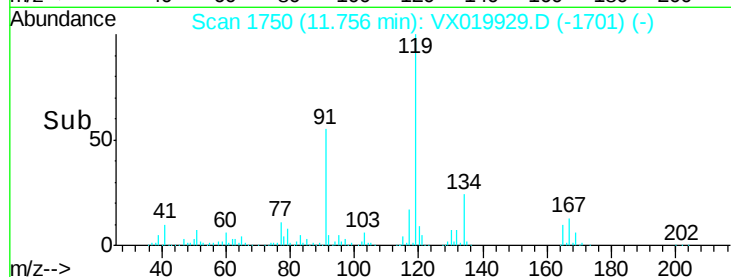
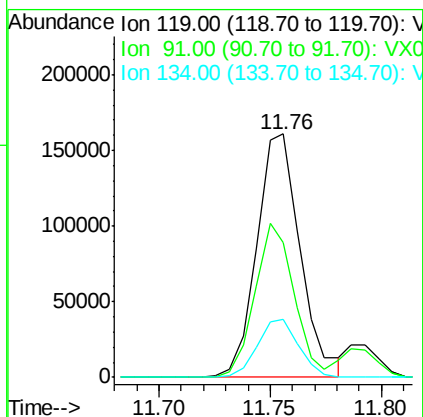
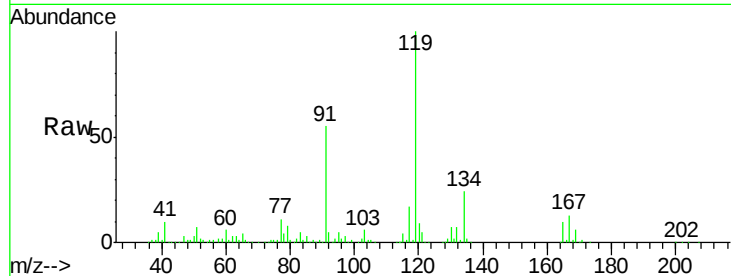




#83
 tert-Butylbenzene
 Concen: 19.335 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX019929.D
 Acq: 12 Dec 2020 14:05

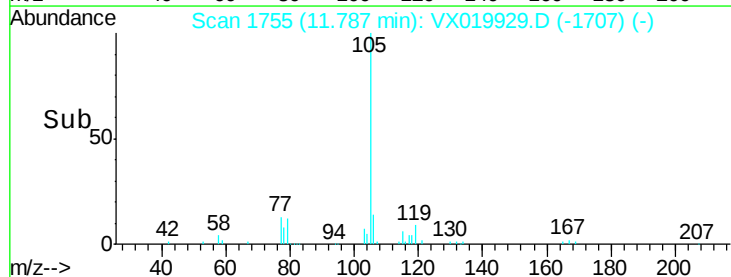
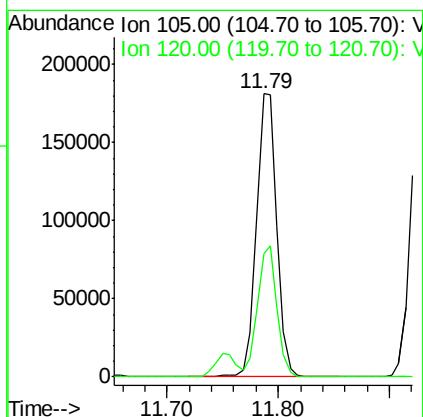
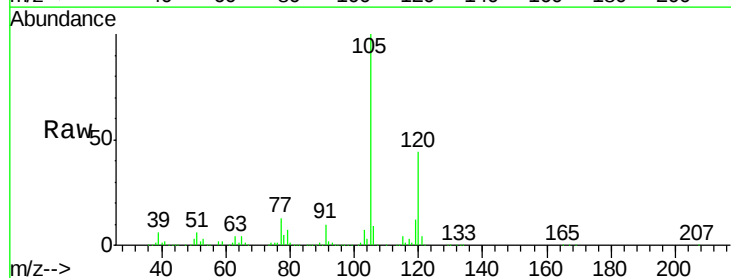
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBSD01

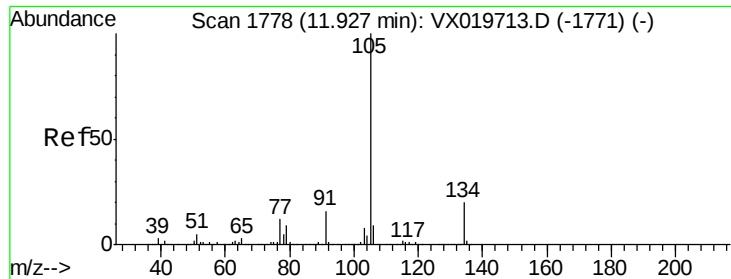
Tgt Ion:119 Resp: 218182
 Ion Ratio Lower Upper
 119 100
 91 57.4 27.9 83.7
 134 22.9 11.3 33.9



#84
 1,2,4-Trimethylbenzene
 Concen: 19.874 ug/l
 RT: 11.79 min Scan# 1755
 Delta R.T. -0.01 min
 Lab File: VX019929.D
 Acq: 12 Dec 2020 14:05

Tgt Ion:105 Resp: 230343
 Ion Ratio Lower Upper
 105 100
 120 44.1 22.4 67.3

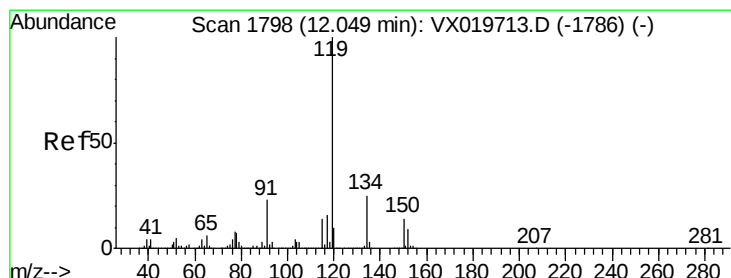
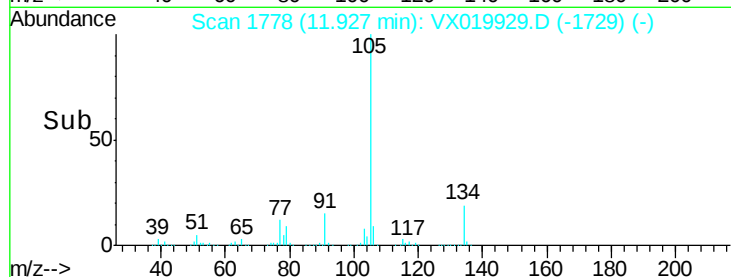
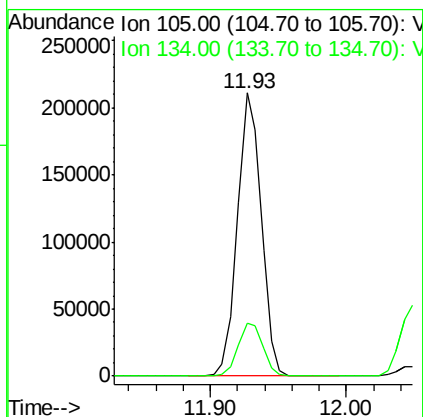
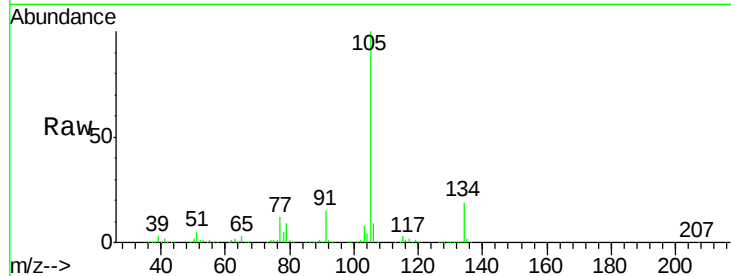




#85
 sec-Butylbenzene
 Concen: 19.982 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX019929.D
 Acq: 12 Dec 2020 14:05

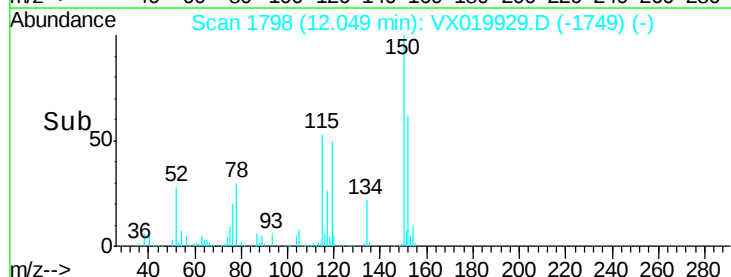
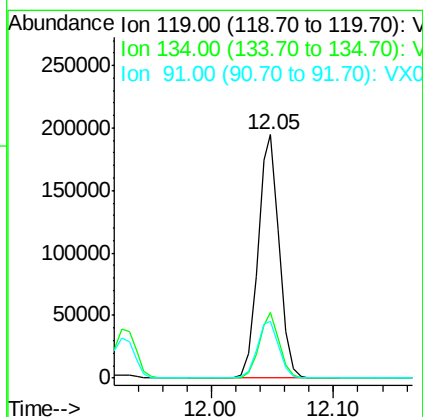
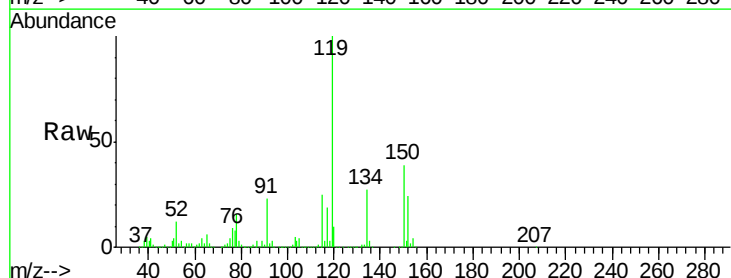
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBSD01

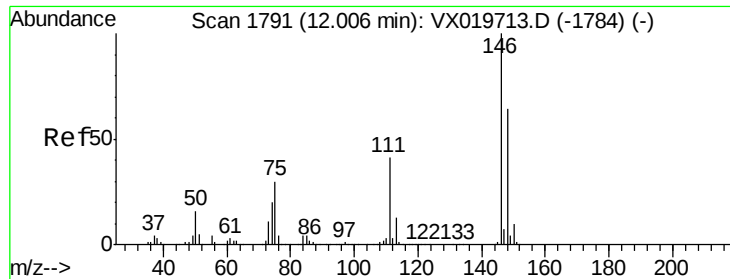
Tgt Ion:105 Resp: 257440
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 19.822 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX019929.D
 Acq: 12 Dec 2020 14:05

Tgt Ion:119 Resp: 234047
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.9 38.7
 91 24.2 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 18.891 ug/l

RT: 12.01 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX019929.D

Acq: 12 Dec 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBSD01

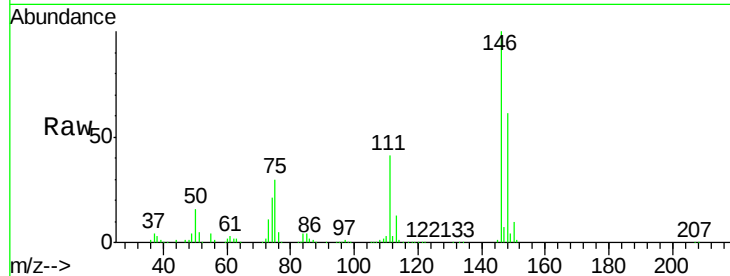
Tgt Ion:146 Resp: 120965

Ion Ratio Lower Upper

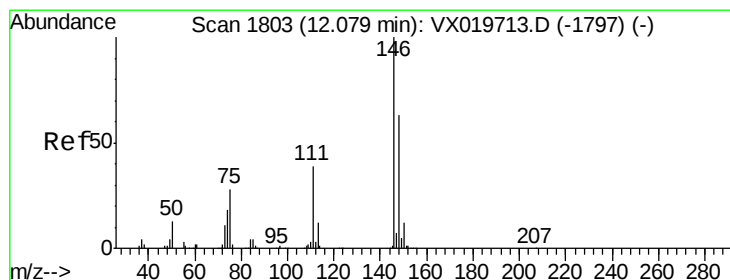
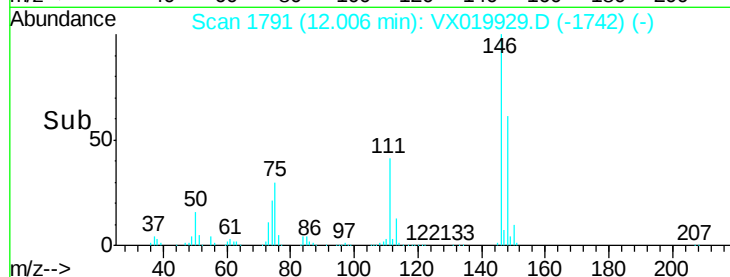
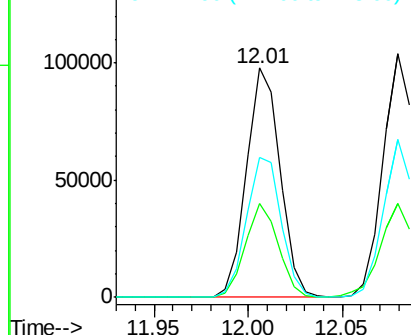
146 100

111 40.3 20.2 60.5

148 63.2 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 18.860 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VX019929.D

Acq: 12 Dec 2020 14:05

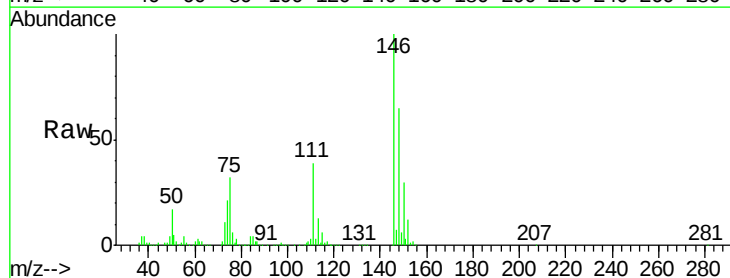
Tgt Ion:146 Resp: 123005

Ion Ratio Lower Upper

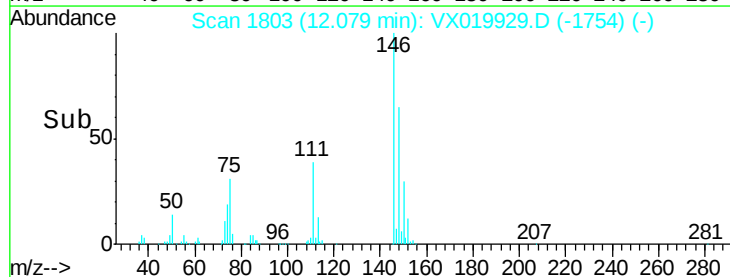
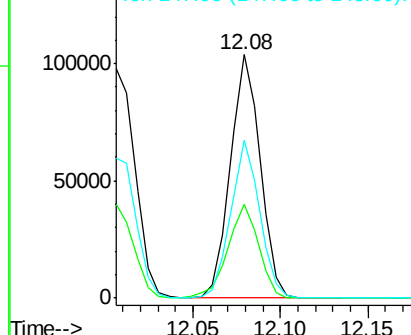
146 100

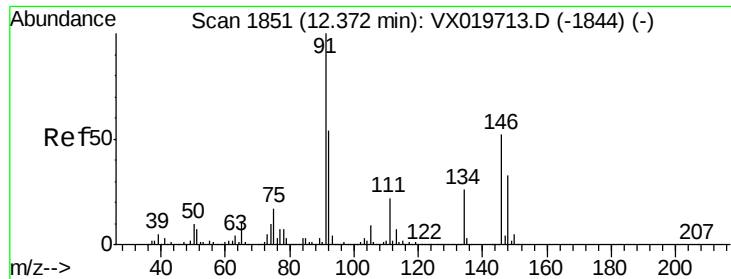
111 40.3 19.6 58.8

148 63.4 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 19.363 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX019929.D

Acq: 12 Dec 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBSD01

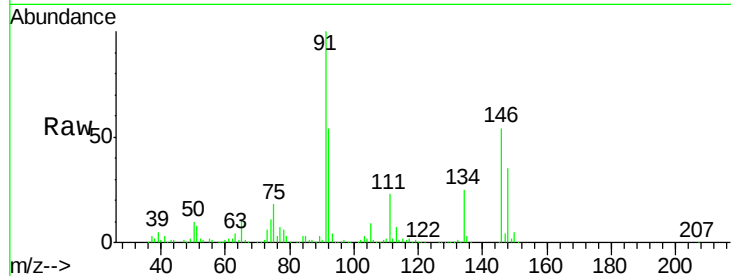
Tgt Ion: 91 Resp: 202563

Ion Ratio Lower Upper

91 100

92 54.3 27.4 82.0

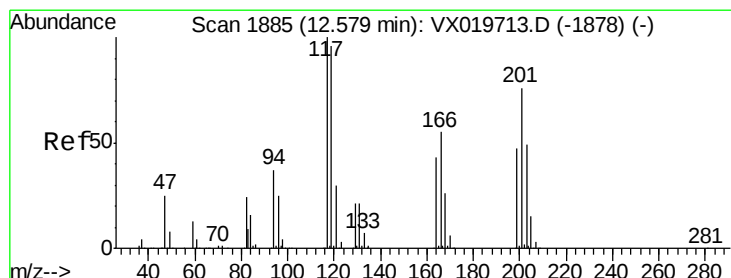
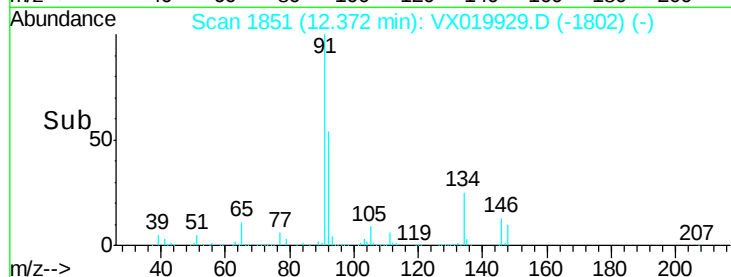
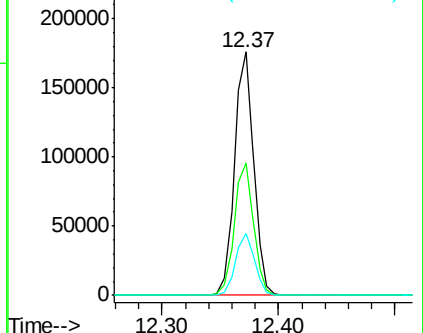
134 25.2 13.2 39.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 18.553 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX019929.D

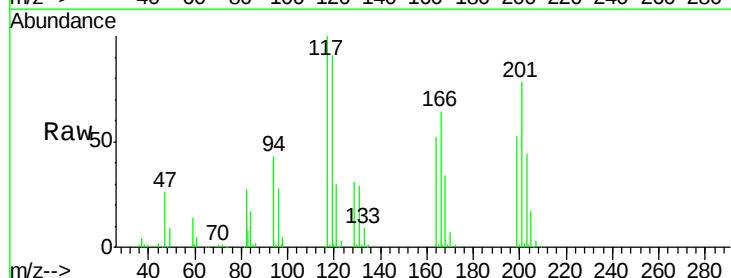
Acq: 12 Dec 2020 14:05

Tgt Ion: 117 Resp: 37820

Ion Ratio Lower Upper

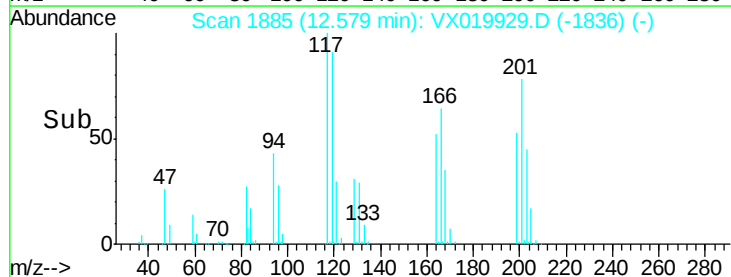
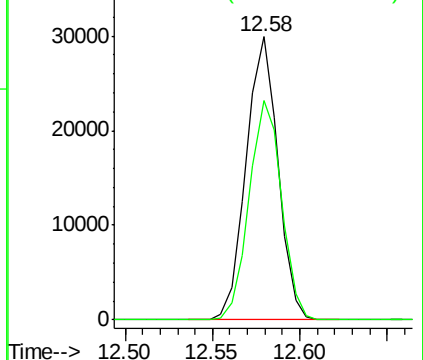
117 100

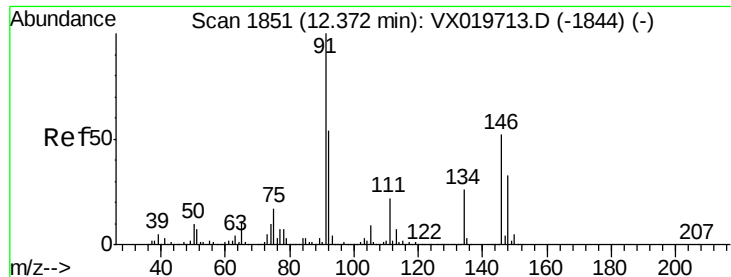
201 78.9 40.4 121.2



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

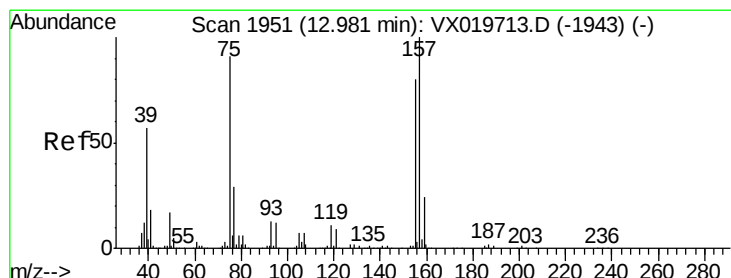
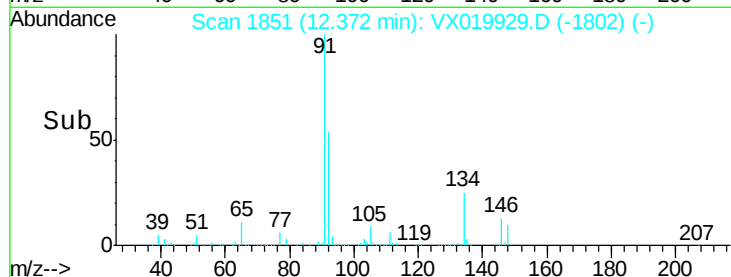
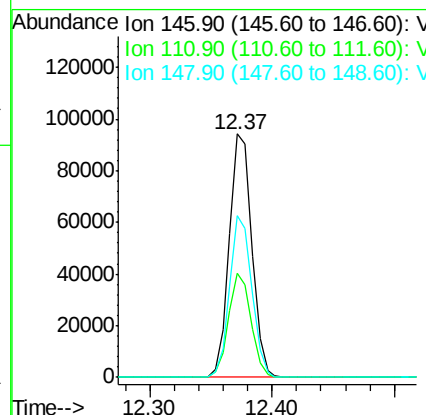
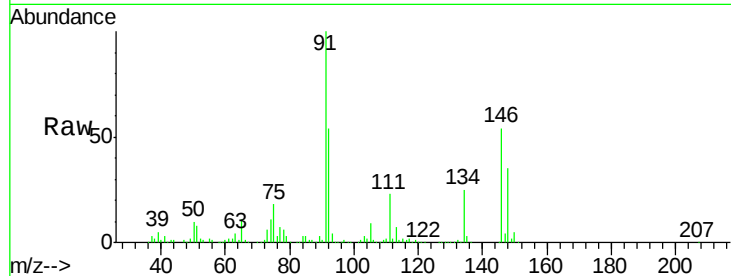




#91
 1,2-Dichlorobenzene
 Concen: 19.211 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: VX019929.D
 Acq: 12 Dec 2020 14:05

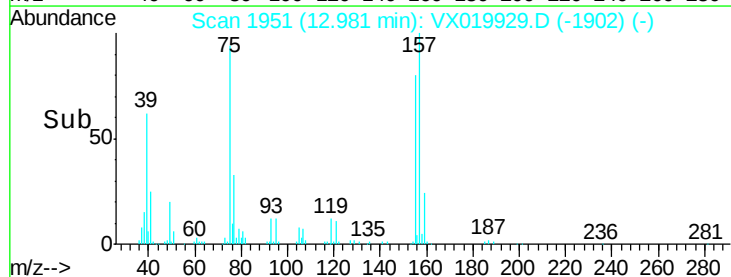
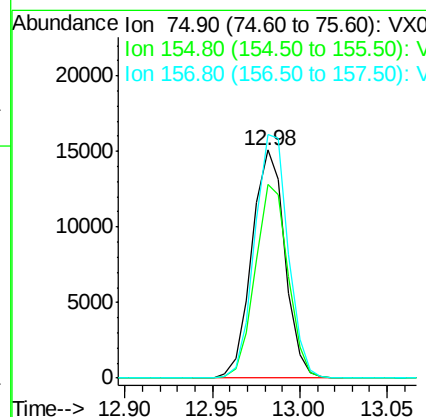
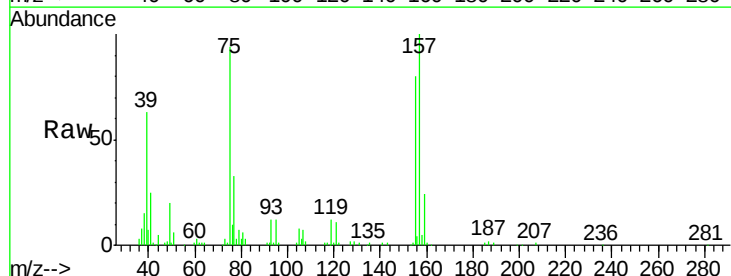
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBSD01

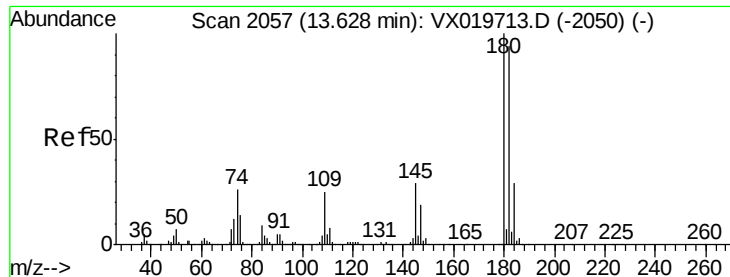
Tgt Ion: 146 Resp: 119916
 Ion Ratio Lower Upper
 146 100
 111 42.4 20.8 62.2
 148 65.3 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.227 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX019929.D
 Acq: 12 Dec 2020 14:05

Tgt Ion: 75 Resp: 19867
 Ion Ratio Lower Upper
 75 100
 155 84.1 45.3 135.9
 157 107.5 57.7 173.1

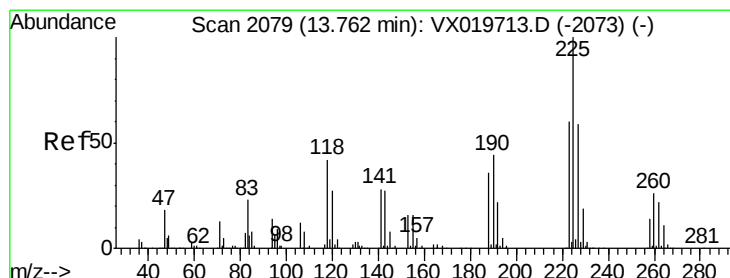
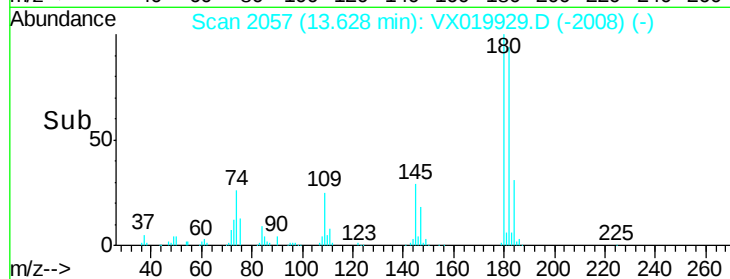
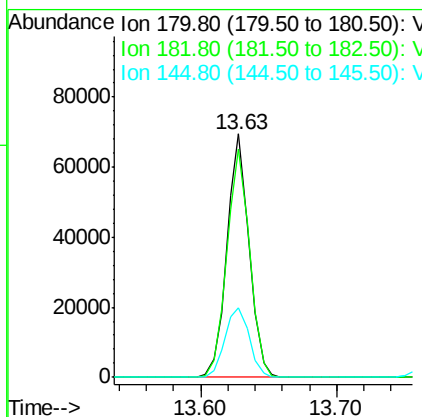
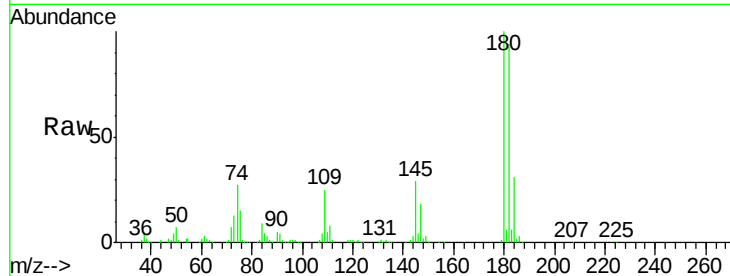




#93
 1,2,4-Trichlorobenzene
 Concen: 19.157 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX019929.D
 Acq: 12 Dec 2020 14:05

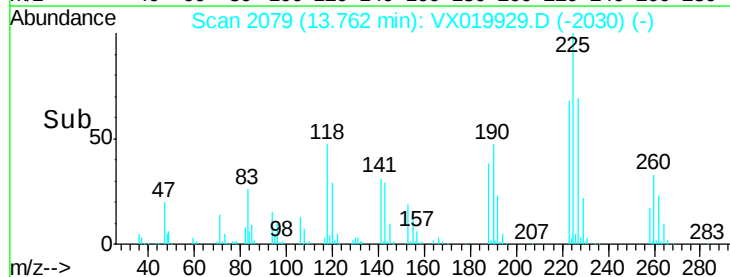
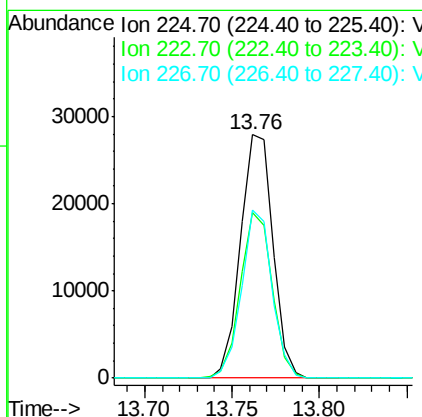
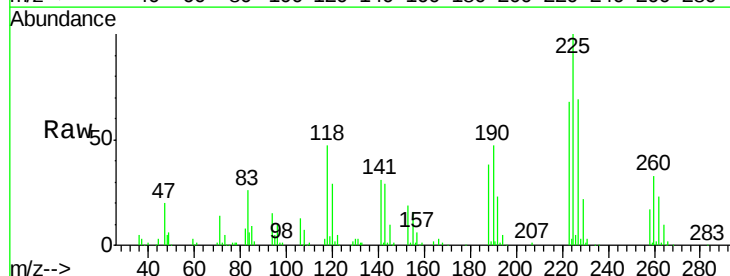
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBSD01

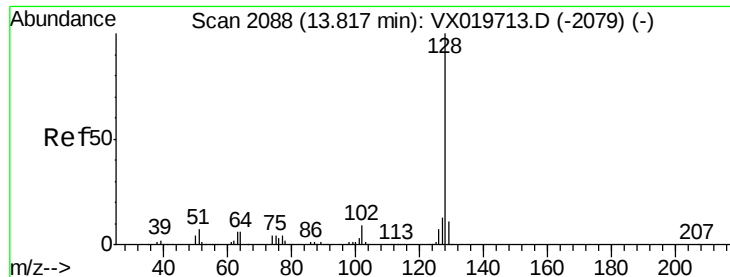
Tgt Ion:180 Resp: 77840
 Ion Ratio Lower Upper
 180 100
 182 97.2 47.7 143.1
 145 31.5 15.0 45.0



#94
 Hexachlorobutadiene
 Concen: 19.823 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX019929.D
 Acq: 12 Dec 2020 14:05

Tgt Ion:225 Resp: 36002
 Ion Ratio Lower Upper
 225 100
 223 66.6 31.1 93.2
 227 64.6 31.6 95.0





#95

Naphthalene

Concen: 19.326 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX019929.D

Acq: 12 Dec 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBSD01

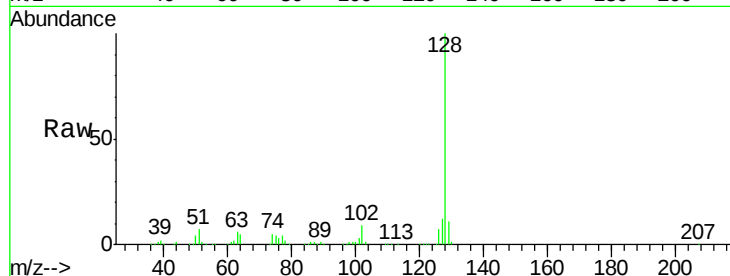
Tgt Ion:128 Resp: 254586

Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

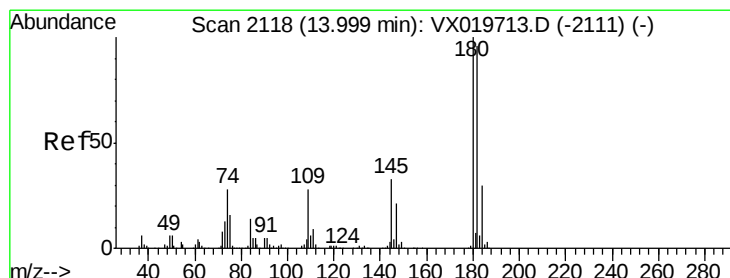
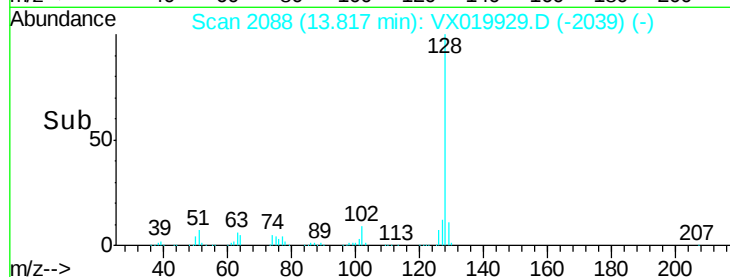
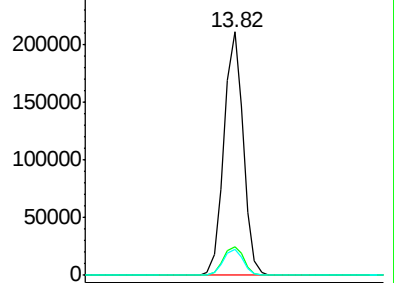
129 10.9 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.420 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX019929.D

Acq: 12 Dec 2020 14:05

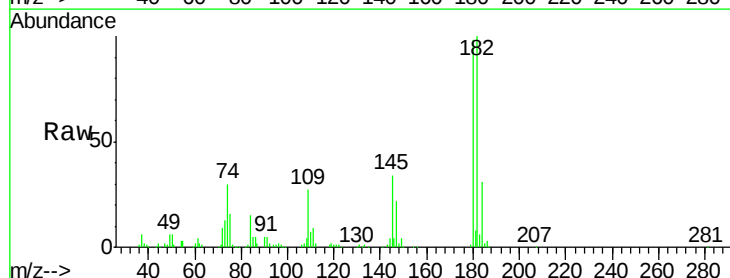
Tgt Ion:180 Resp: 77119

Ion Ratio Lower Upper

180 100

182 97.6 47.6 142.9

145 32.8 16.1 48.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

