

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021820\
 Data File : VX014950.D
 Acq On : 18 Feb 2020 11:38
 Operator : JC/SP
 Sample : VX0218WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0218WBSD01

Quant Time: Feb 19 00:15:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	457495	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	670351	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	615433	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	324308	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	254452	49.28	ug/l	0.00
Spiked Amount			Recovery	=	98.56%	
35) Dibromofluoromethane	5.49	113	205869	49.95	ug/l	0.00
Spiked Amount			Recovery	=	99.90%	
50) Toluene-d8	8.71	98	780434	49.61	ug/l	0.00
Spiked Amount			Recovery	=	99.22%	
62) 4-Bromofluorobenzene	11.13	95	280451	49.49	ug/l	0.00
Spiked Amount			Recovery	=	98.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	81488	18.808	ug/l	99
3) Chloromethane	1.32	50	91231	18.573	ug/l	100
4) Vinyl Chloride	1.41	62	95262	18.003	ug/l	98
5) Bromomethane	1.64	94	64316	18.778	ug/l	99
6) Chloroethane	1.72	64	61117	18.051	ug/l	96
7) Trichlorofluoromethane	1.93	101	136050	18.402	ug/l	98
8) Diethyl Ether	2.18	74	58063	18.939	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	81140	18.908	ug/l	98
10) Methyl Iodide	2.51	142	89436	21.430	ug/l	99
11) Tert butyl alcohol	3.02	59	96880	106.271	ug/l	97
12) 1,1-Dichloroethene	2.37	96	75641	18.038	ug/l	99
13) Acrolein	2.28	56	48520	69.832	ug/l	100
14) Allyl chloride	2.72	41	132575	17.832	ug/l	99
15) Acrylonitrile	3.13	53	230129	99.577	ug/l	99
16) Acetone	2.43	43	243115	80.235	ug/l	99
17) Carbon Disulfide	2.57	76	196335	16.757	ug/l	98
18) Methyl Acetate	2.76	43	111115	21.368	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	264792	19.402	ug/l	98
20) Methylene Chloride	2.85	84	88492	17.817	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	83235	17.989	ug/l	99
22) Diisopropyl ether	3.84	45	275958	19.434	ug/l	97
23) Vinyl Acetate	3.80	43	1165763	99.590	ug/l	100
24) 1,1-Dichloroethane	3.69	63	149776	18.689	ug/l	99
25) 2-Butanone	4.65	43	336332	95.682	ug/l	99
26) 2,2-Dichloropropane	4.57	77	122358	17.716	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	95042	18.375	ug/l	99
28) Bromochloromethane	5.00	49	63736	20.518	ug/l	99
29) Tetrahydrofuran	5.11	42	202389	101.285	ug/l	100
30) Chloroform	5.20	83	151477	19.051	ug/l	98
31) Cyclohexane	5.57	56	129763	17.778	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	128577	18.486	ug/l	98
36) 1,1-Dichloropropene	5.79	75	111233	18.550	ug/l	98
37) Ethyl Acetate	4.82	43	125063	19.996	ug/l	99
38) Carbon Tetrachloride	5.78	117	110043	18.831	ug/l	99

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0218WBSD01

Quant Time: Feb 19 00:15:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	137724	18.364	ug/l	99
40) Benzene	6.13	78	340514	19.006	ug/l	100
41) Methacrylonitrile	5.03	41	69656	20.674	ug/l	98
42) 1,2-Dichloroethane	6.18	62	126520	19.538	ug/l	99
43) Isopropyl Acetate	6.43	43	205282	19.897	ug/l	99
44) Trichloroethene	7.20	130	97534	18.752	ug/l	100
45) 1,2-Dichloropropane	7.51	63	87970	19.253	ug/l	98
46) Dibromomethane	7.65	93	59223	18.961	ug/l	98
47) Bromodichloromethane	7.89	83	117750	19.014	ug/l	100
48) Methyl methacrylate	7.76	41	101727	20.035	ug/l	100
49) 1,4-Dioxane	7.73	88	42743	450.248	ug/l	100
51) 4-Methyl-2-Pentanone	8.63	43	639356	102.629	ug/l	100
52) Toluene	8.78	92	216809	19.053	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	130768	19.267	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	141513	18.874	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	89367	19.411	ug/l	99
56) Ethyl methacrylate	9.17	69	136957	19.791	ug/l	98
57) 1,3-Dichloropropane	9.36	76	152219	19.641	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	338133	93.431	ug/l	100
59) 2-Hexanone	9.48	43	492104	100.498	ug/l	100
60) Dibromochloromethane	9.57	129	96156	19.408	ug/l	98
61) 1,2-Dibromoethane	9.67	107	95989	19.323	ug/l	99
64) Tetrachloroethene	9.33	164	98966	17.199	ug/l	98
65) Chlorobenzene	10.14	112	235258	18.847	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	90835	20.044	ug/l	97
67) Ethyl Benzene	10.25	91	410314	19.328	ug/l	99
68) m/p-Xylenes	10.35	106	314270	38.428	ug/l	99
69) o-Xylene	10.70	106	150505	19.145	ug/l	99
70) Styrene	10.71	104	256493	19.286	ug/l	99
71) Bromoform	10.85	173	74091	19.587	ug/l #	97
73) Isopropylbenzene	11.01	105	405267	19.927	ug/l	100
74) N-amyl acetate	10.89	43	169185	20.021	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	132987	20.003	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	154786	26.394	ug/l	94
77) Bromobenzene	11.25	156	110732	19.507	ug/l	97
78) n-propylbenzene	11.35	91	464697	19.755	ug/l	100
79) 2-Chlorotoluene	11.42	91	273539	19.780	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	338852	19.940	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	42876	18.714	ug/l	93
82) 4-Chlorotoluene	11.51	91	317871	19.410	ug/l	99
83) tert-Butylbenzene	11.76	119	326319	20.278	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	342158	19.980	ug/l	99
85) sec-Butylbenzene	11.94	105	400722	20.045	ug/l	99
86) p-Isopropyltoluene	12.06	119	373045	19.941	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	194006	19.051	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	198024	19.042	ug/l	99
89) n-Butylbenzene	12.39	91	314325	18.761	ug/l	100
90) Hexachloroethane	12.59	117	63487	19.433	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	191147	19.140	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	29346	18.815	ug/l	98

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 5 Sample Multiplier: 1

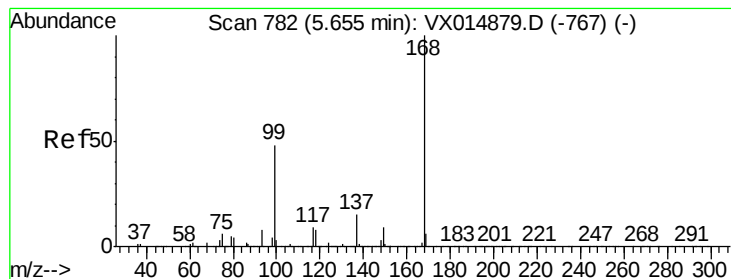
Instrument :
MSVOA_X
ClientSampleId :
VX0218WBSD01

Quant Time: Feb 19 00:15:18 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 10 12:09:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	138463	18.784	ug/l	98
94) Hexachlorobutadiene	13.78	225	69170	19.401	ug/l	98
95) Naphthalene	13.83	128	404721	20.650	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	141195	19.826	ug/l	97

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

Page: 4



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX014950.D

Acq: 18 Feb 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

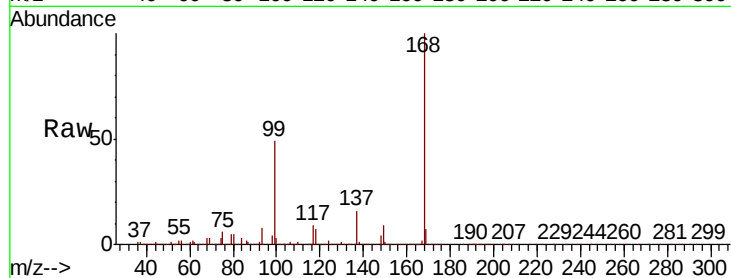
VX0218WBSD01

Tot Ion:168 Resp: 457495

Ion Ratio Lower Upper

168 100

99 48.9 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

150000

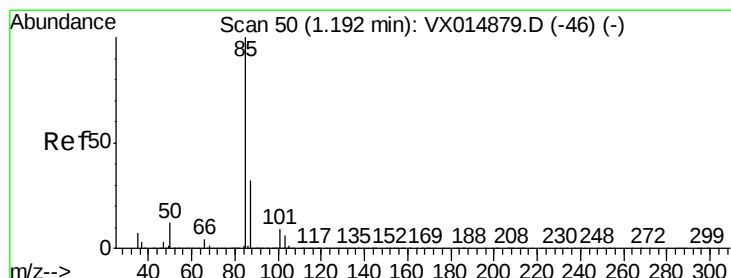
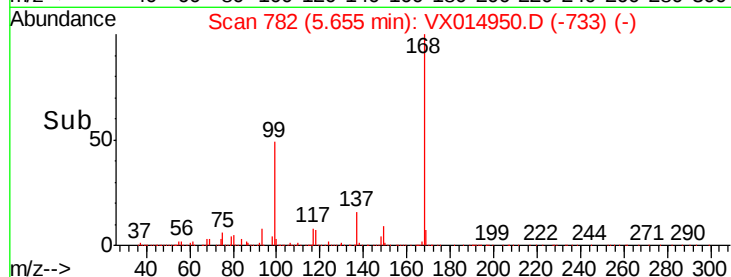
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50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 18.808 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX014950.D

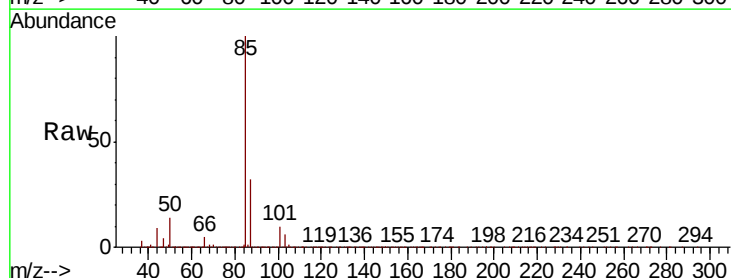
Acq: 18 Feb 2020 11:38

Tgt Ion: 85 Resp: 81488

Ion Ratio Lower Upper

85 100

87 32.4 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

80000

60000

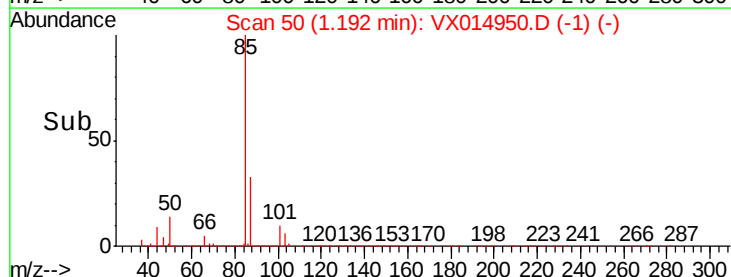
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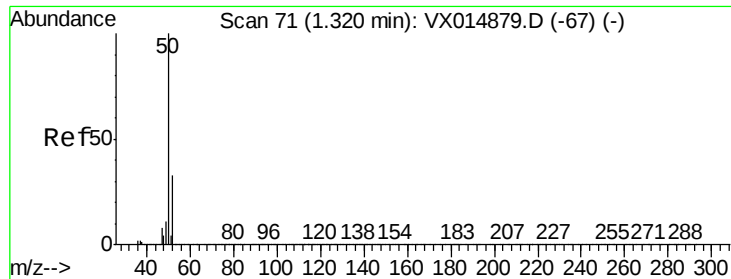
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 18.573 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX014950.D

Acq: 18 Feb 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

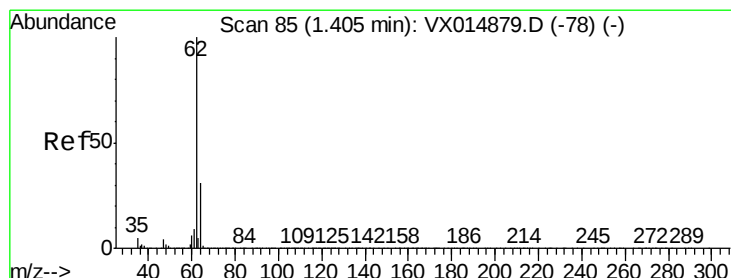
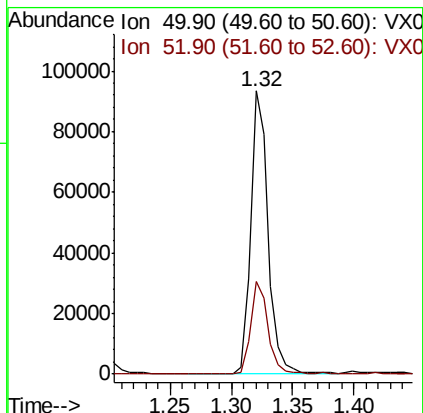
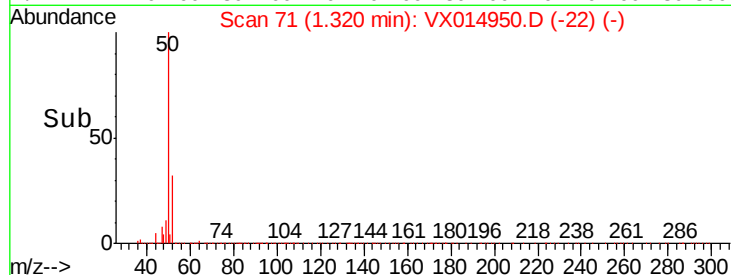
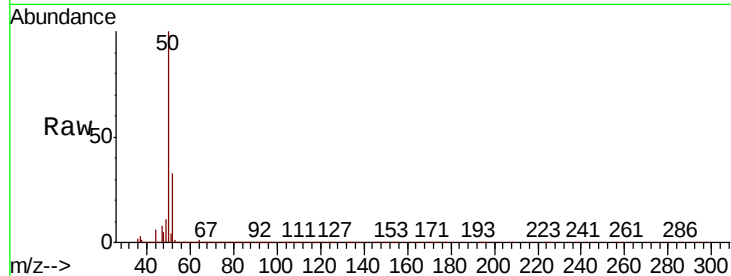
VX0218WBSD01

Tot Ion: 50 Resp: 91231

Ion Ratio Lower Upper

50 100

52 32.5 26.2 39.2



#4

Vinyl Chloride

Concen: 18.003 ug/l

RT: 1.41 min Scan# 85

Delta R.T. -0.00 min

Lab File: VX014950.D

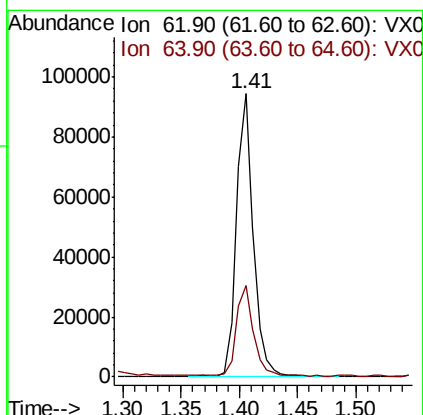
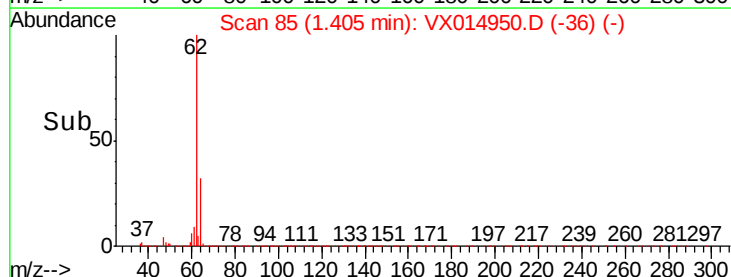
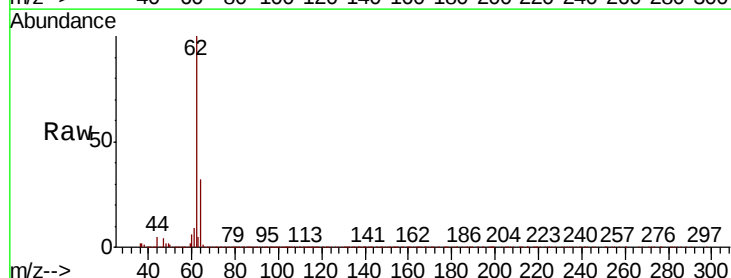
Acq: 18 Feb 2020 11:38

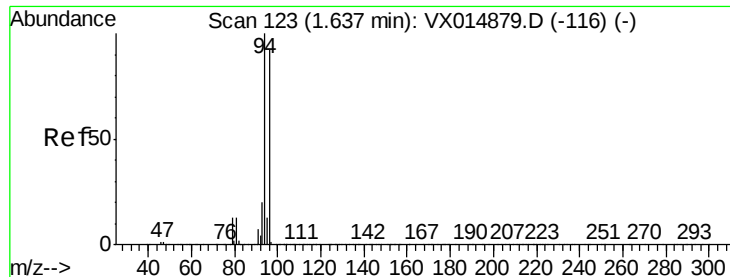
Tgt Ion: 62 Resp: 95262

Ion Ratio Lower Upper

62 100

64 31.9 24.8 37.2





#5

Bromomethane

Concen: 18.778 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.01 min

Lab File: VX014950.D

Acq: 18 Feb 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

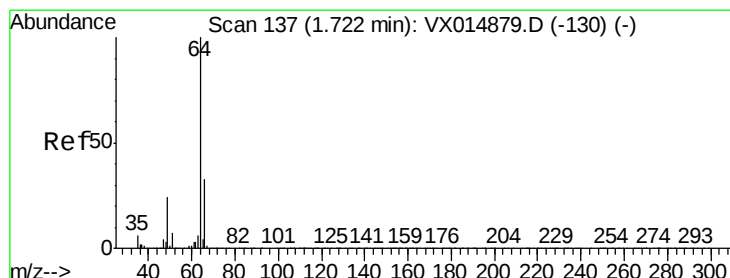
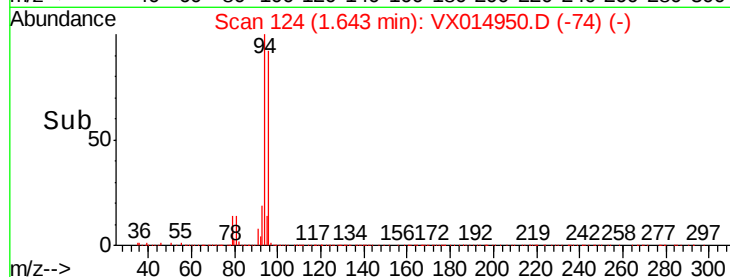
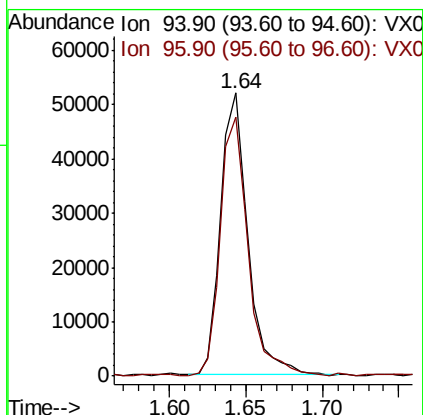
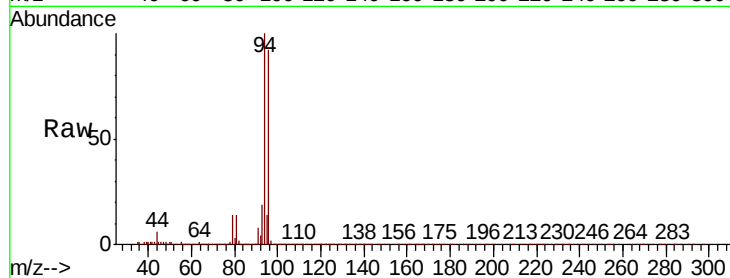
VX0218WBSD01

Tot Ion: 94 Resp: 64316

Ion Ratio Lower Upper

94 100

96 91.3 73.7 110.5



#6

Chloroethane

Concen: 18.051 ug/l

RT: 1.72 min Scan# 137

Delta R.T. -0.00 min

Lab File: VX014950.D

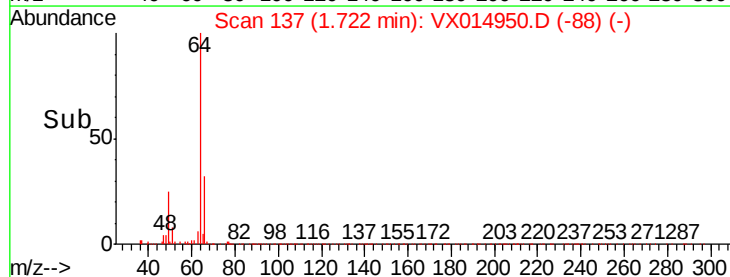
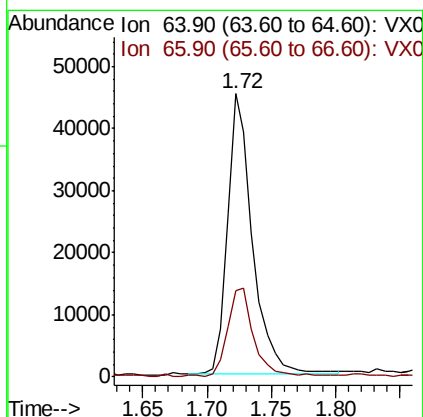
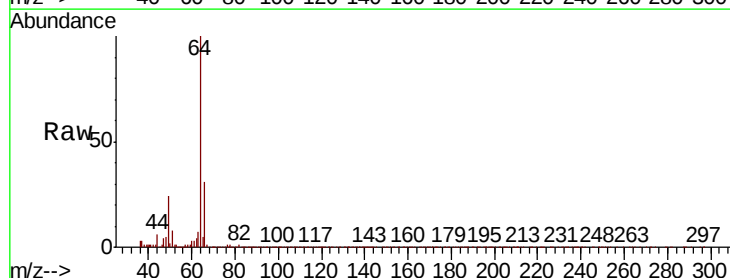
Acq: 18 Feb 2020 11:38

Tgt Ion: 64 Resp: 61117

Ion Ratio Lower Upper

64 100

66 30.3 26.2 39.4



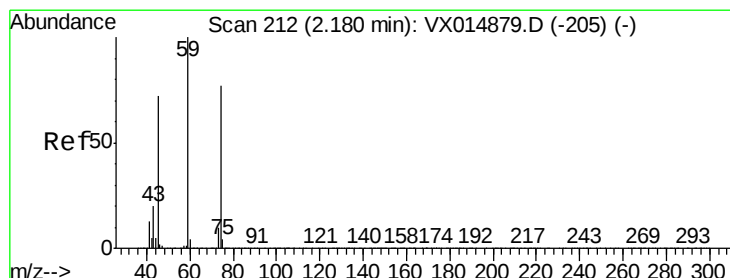
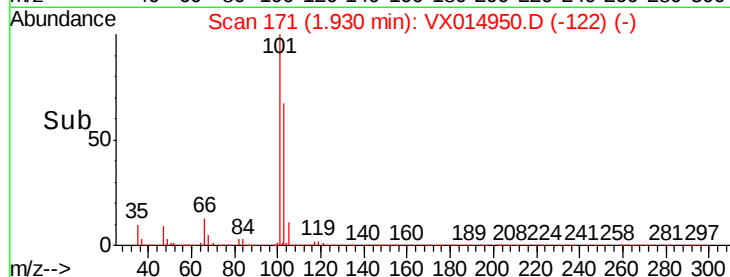
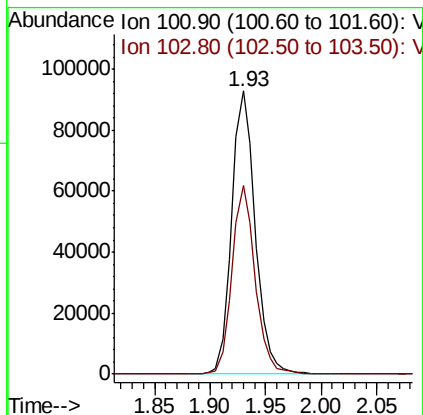
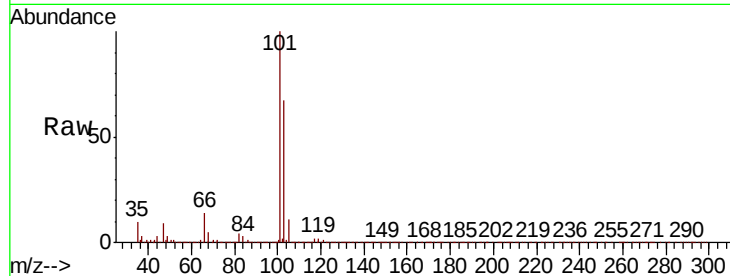


#7

Trichlorofluoromethane
 Concen: 18.402 ug/l
 RT: 1.93 min Scan# 171
 Delta R.T. -0.00 min
 Lab File: VX014950.D
 Acq: 18 Feb 2020 11:38

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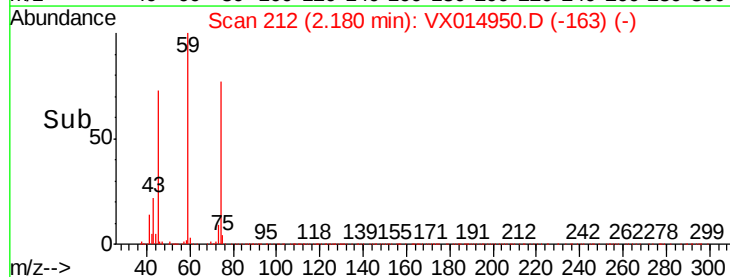
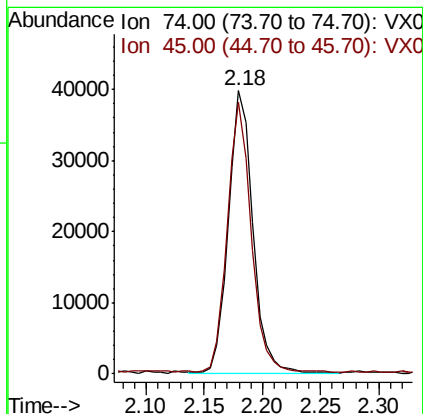
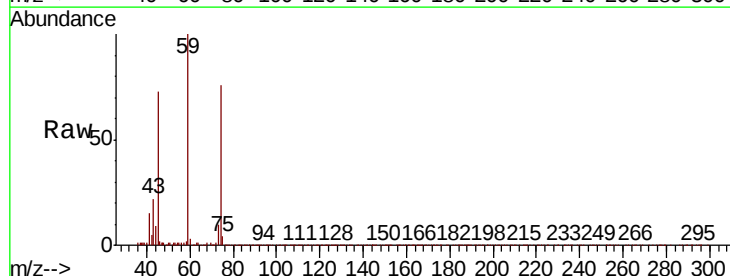
Tot Ion:101 Resp: 136050
 Ion Ratio Lower Upper
 101 100
 103 66.6 52.2 78.4

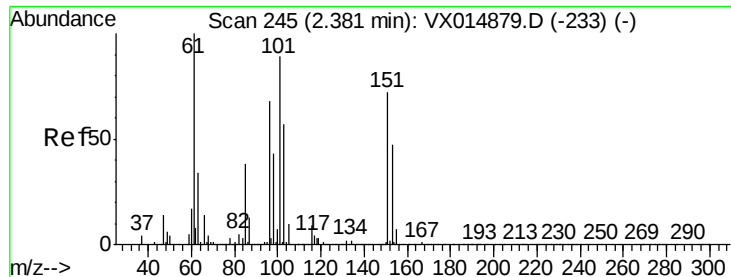


#8

Diethyl Ether
 Concen: 18.939 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX014950.D
 Acq: 18 Feb 2020 11:38

Tgt Ion: 74 Resp: 58063
 Ion Ratio Lower Upper
 74 100
 45 92.9 46.6 139.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.908 ug/l

RT: 2.38 min Scan# 245

Delta R.T. -0.00 min

Lab File: VX014950.D

Acq: 18 Feb 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX0218WBSD01

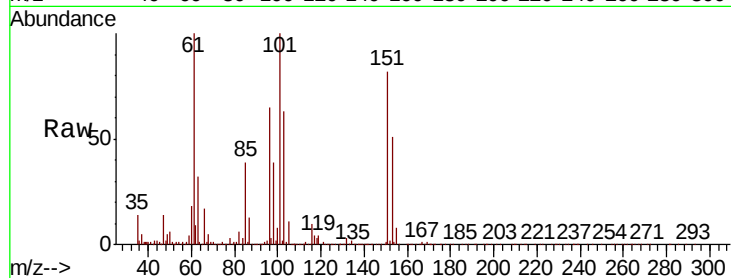
Tot Ion:101 Resp: 81140

Ion Ratio Lower Upper

101 100

85 42.0 34.1 51.1

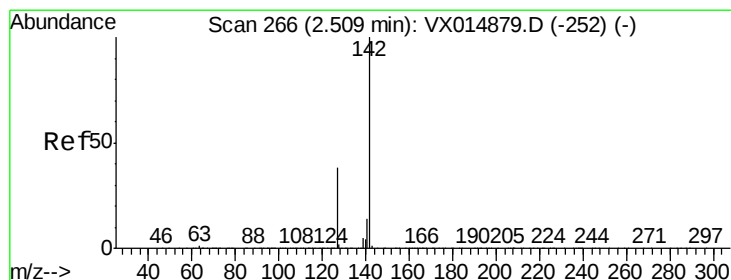
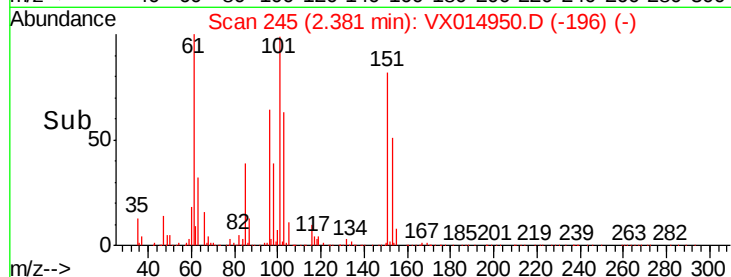
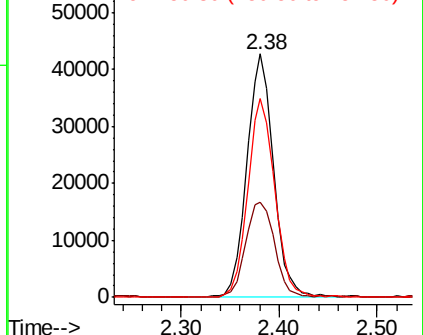
151 82.4 67.3 100.9



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: 21.430 ug/l

RT: 2.51 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX014950.D

Acq: 18 Feb 2020 11:38

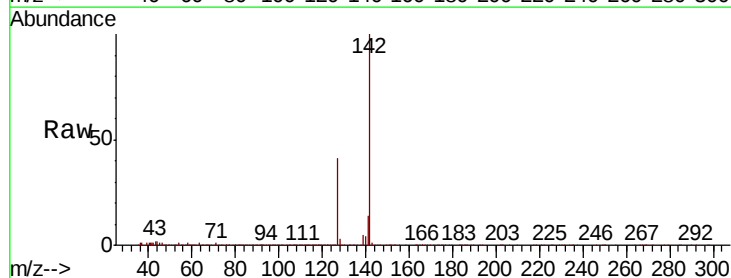
Tgt Ion:142 Resp: 89436

Ion Ratio Lower Upper

142 100

127 39.5 31.1 46.7

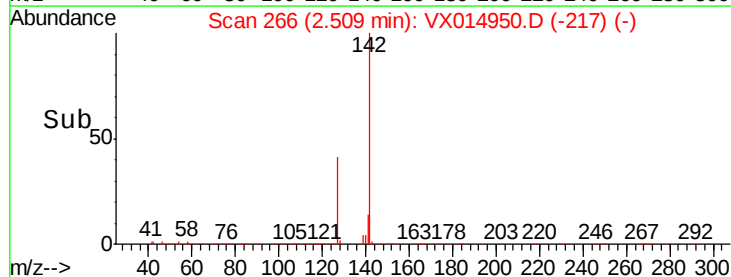
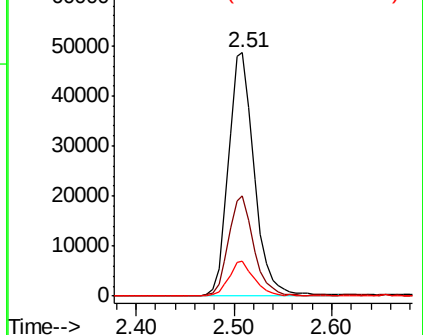
141 13.9 11.3 16.9

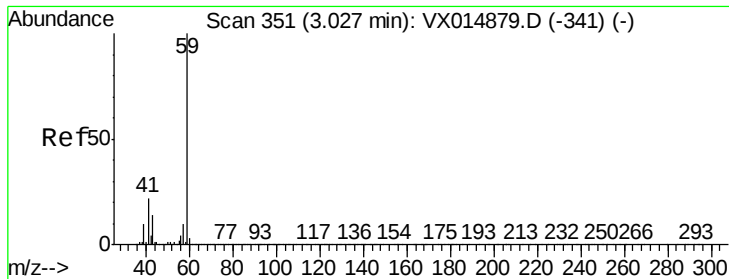


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



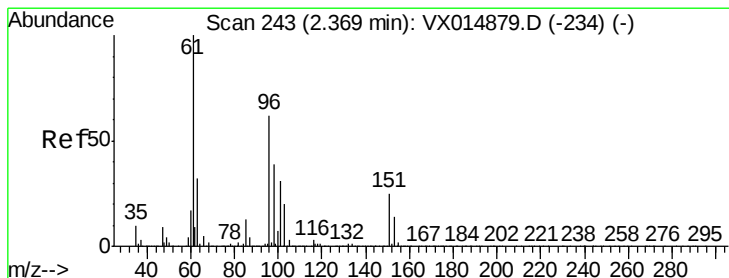
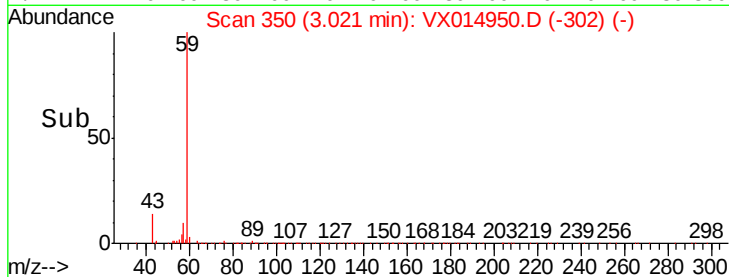
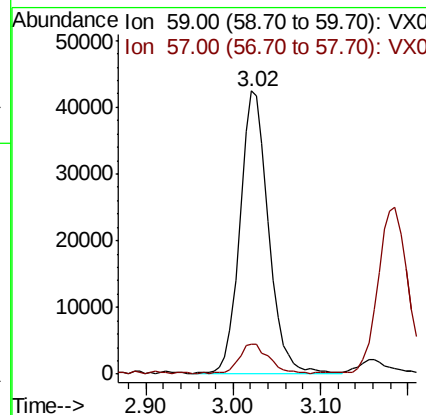
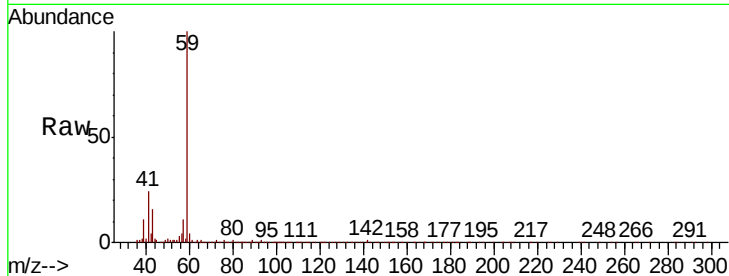


#11

Tert butyl alcohol
 Concen: 106.271 ug/l
 RT: 3.02 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VX014950.D
 Acq: 18 Feb 2020 11:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0218WBSD01

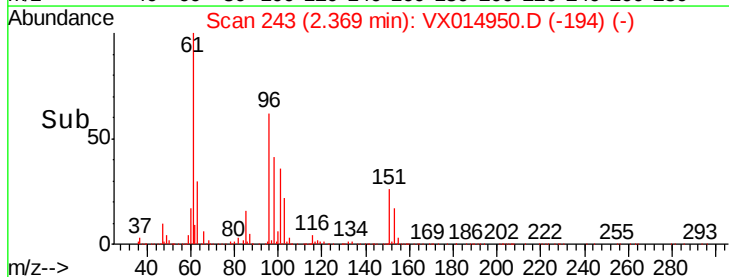
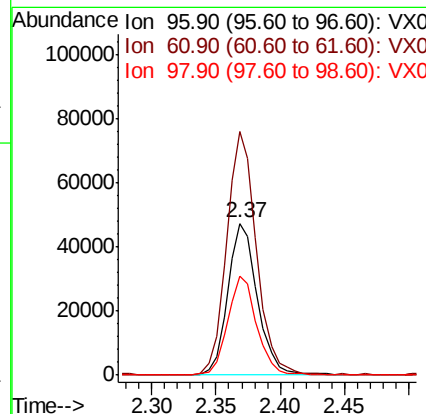
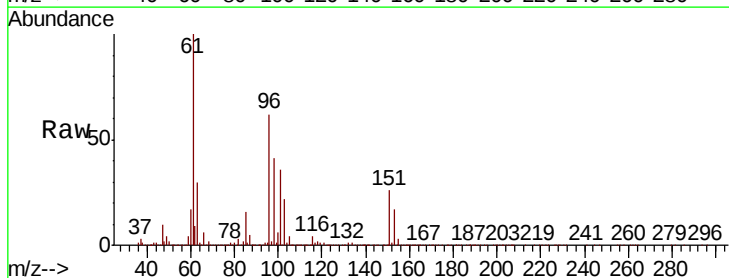
Tot Ion: 59 Resp: 96880
 Ion Ratio Lower Upper
 59 100
 57 11.4 8.2 12.4

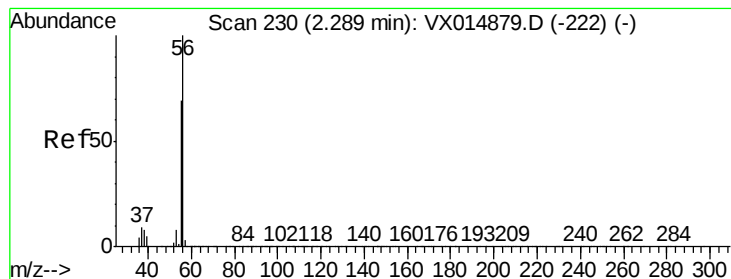


#12

1,1-Dichloroethene
 Concen: 18.038 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. -0.00 min
 Lab File: VX014950.D
 Acq: 18 Feb 2020 11:38

Tgt Ion: 96 Resp: 75641
 Ion Ratio Lower Upper
 96 100
 61 160.4 129.5 194.3
 98 64.9 50.6 76.0





#13

Acrolein

Concen: 69.832 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.01 min

Lab File: VX014950.D

Acq: 18 Feb 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

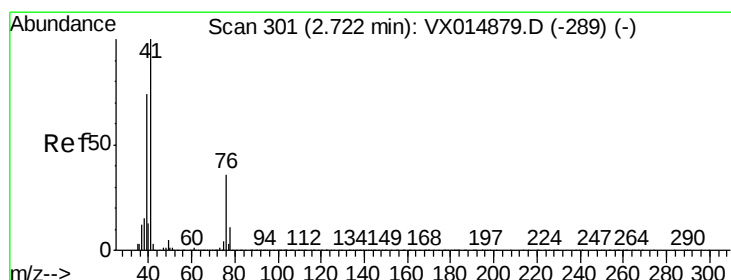
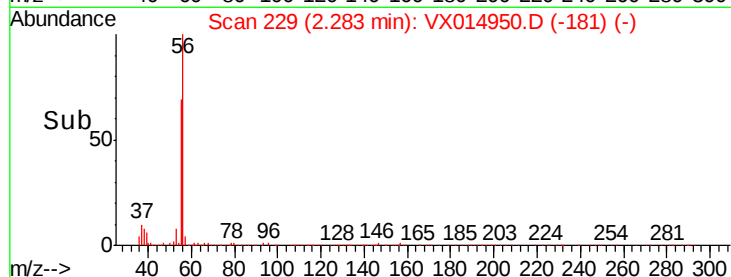
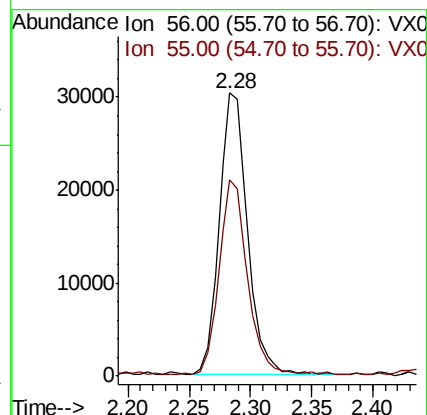
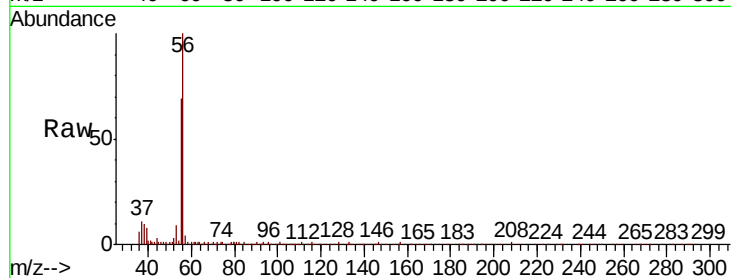
VX0218WBSD01

Tot Ion: 56 Resp: 48520

Ion Ratio Lower Upper

56 100

55 68.7 55.0 82.4



#14

Allyl chloride

Concen: 17.832 ug/l

RT: 2.72 min Scan# 301

Delta R.T. -0.00 min

Lab File: VX014950.D

Acq: 18 Feb 2020 11:38

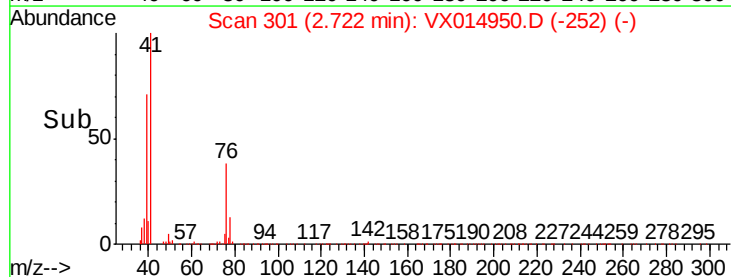
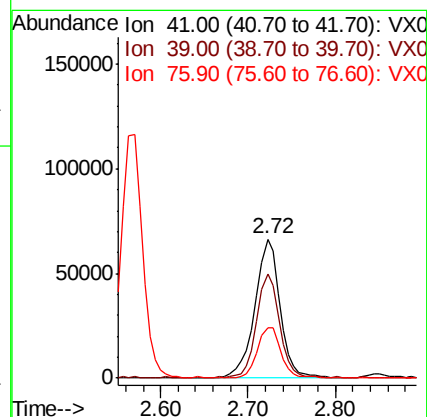
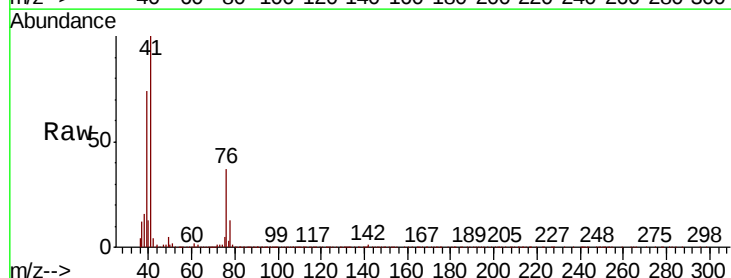
Tgt Ion: 41 Resp: 132575

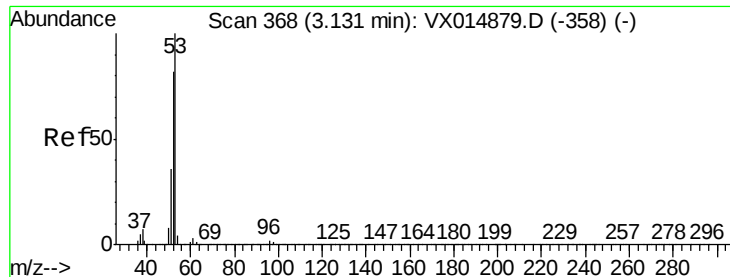
Ion Ratio Lower Upper

41 100

39 68.2 55.2 82.8

76 33.3 26.8 40.2





#15

Acrylonitrile

Concen: 99.577 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX014950.D

Acq: 18 Feb 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX0218WBSD01

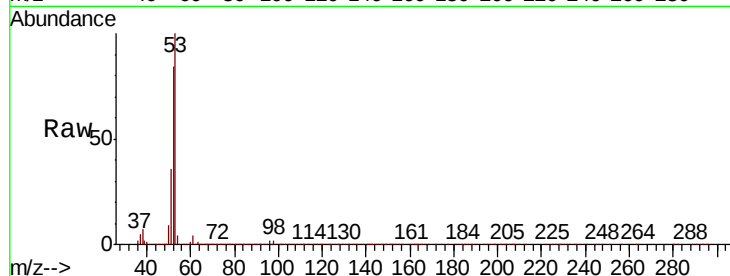
Tot Ion: 53 Resp: 230129

Ion Ratio Lower Upper

53 100

52 82.9 65.8 98.6

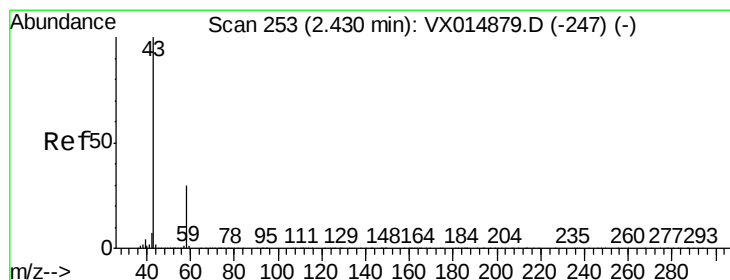
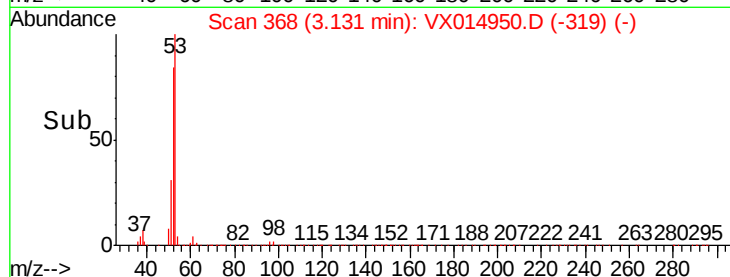
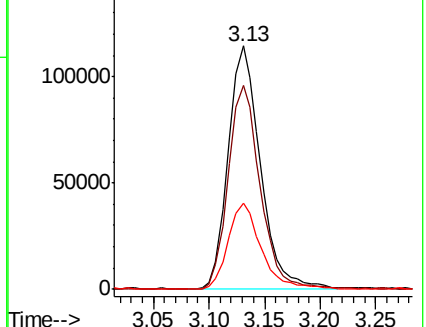
51 36.7 29.1 43.7



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 80.235 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX014950.D

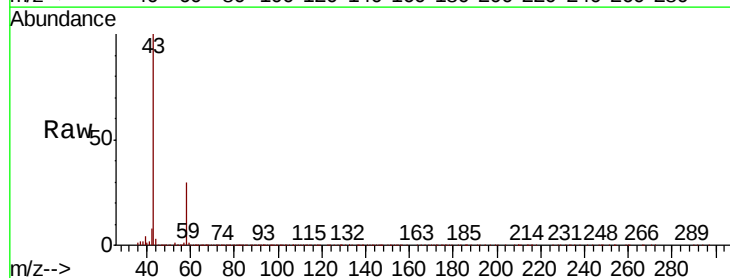
Acq: 18 Feb 2020 11:38

Tgt Ion: 43 Resp: 243115

Ion Ratio Lower Upper

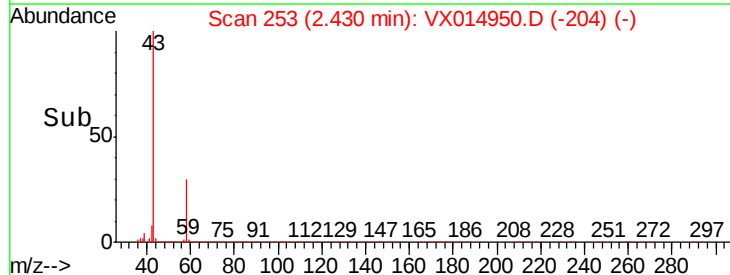
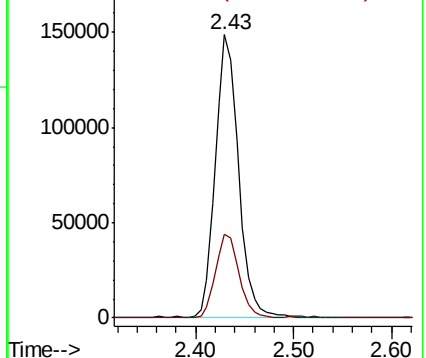
43 100

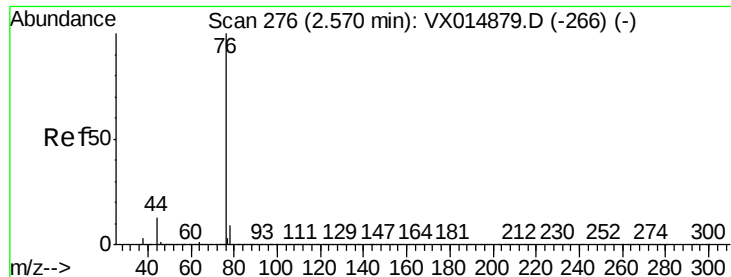
58 29.6 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 16.757 ug/l

RT: 2.57 min Scan# 276

Delta R.T. -0.00 min

Lab File: VX014950.D

Acq: 18 Feb 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

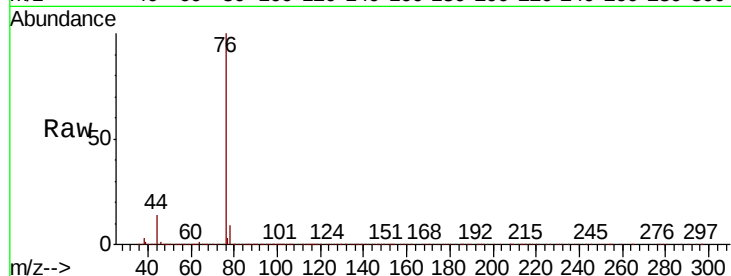
VX0218WBSD01

Tot Ion: 76 Resp: 196335

Ion Ratio Lower Upper

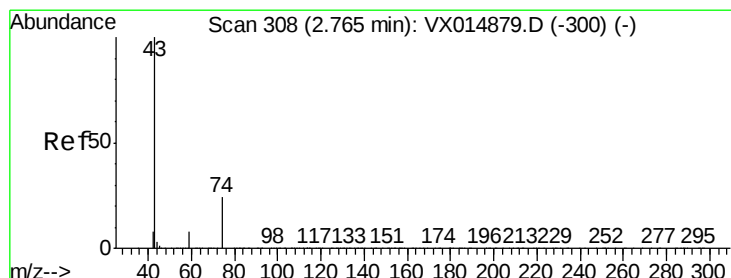
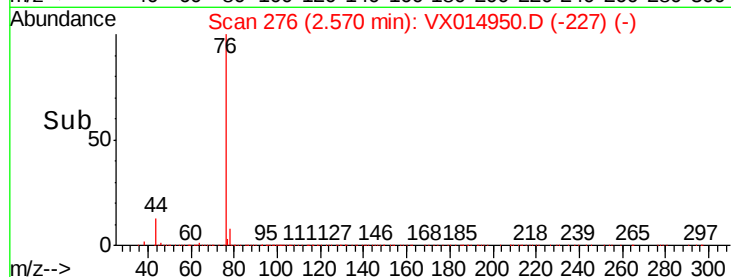
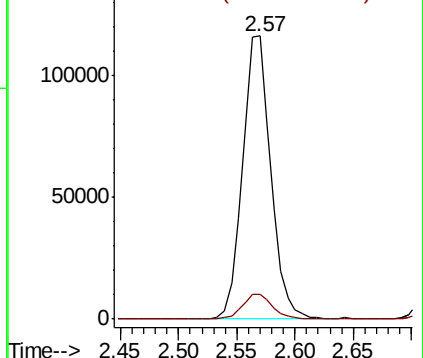
76 100

78 8.5 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 21.368 ug/l

RT: 2.76 min Scan# 308

Delta R.T. -0.00 min

Lab File: VX014950.D

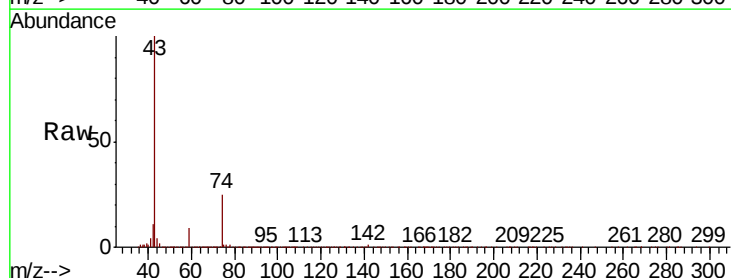
Acq: 18 Feb 2020 11:38

Tgt Ion: 43 Resp: 111115

Ion Ratio Lower Upper

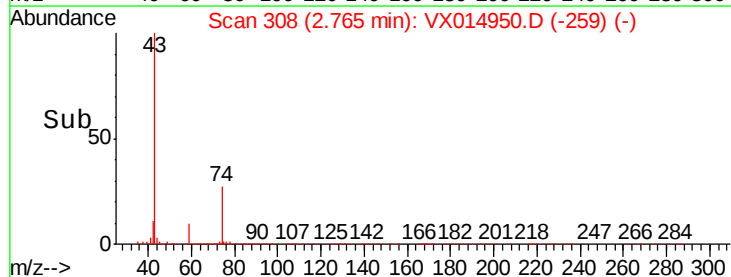
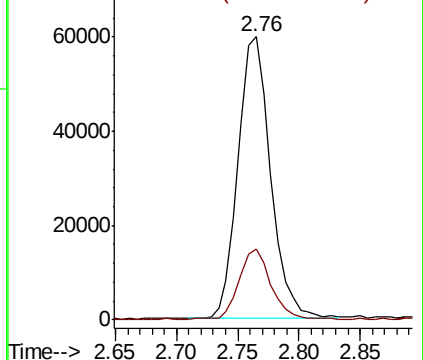
43 100

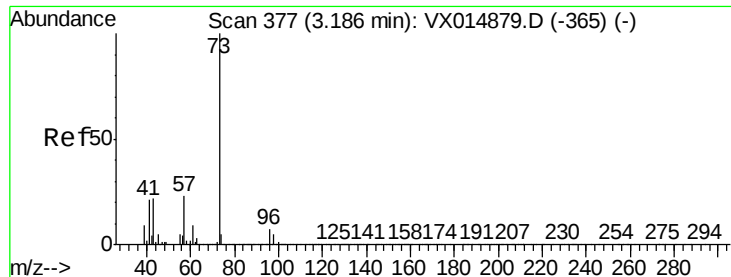
74 24.0 19.4 29.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



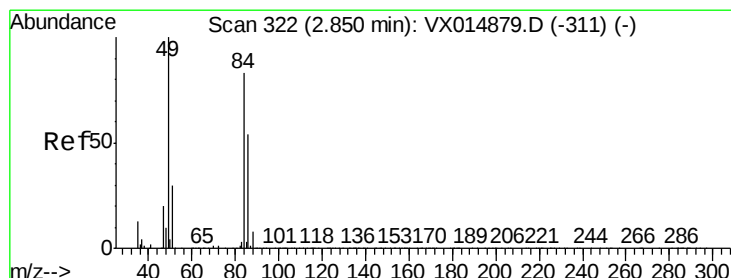
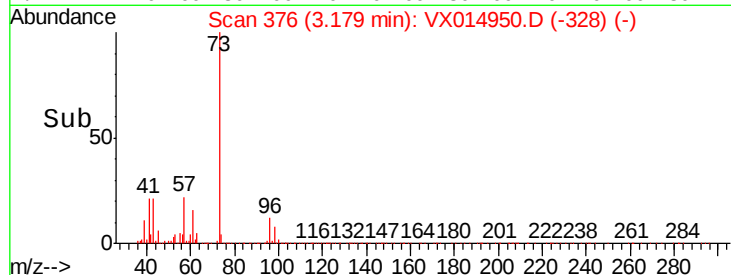
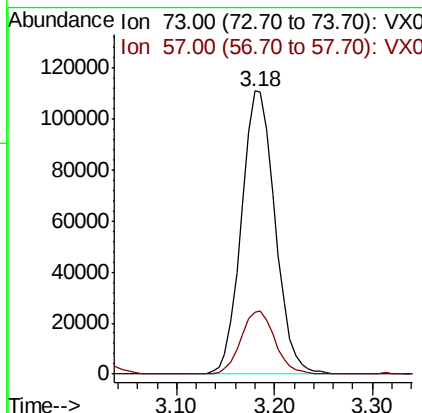
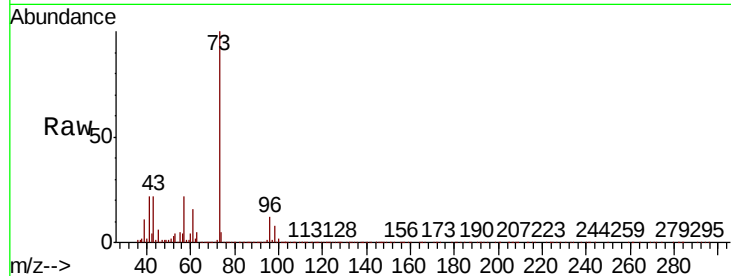


#19

Methyl tert-butyl Ether
 Concen: 19.402 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX014950.D
 Acq: 18 Feb 2020 11:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0218WBSD01

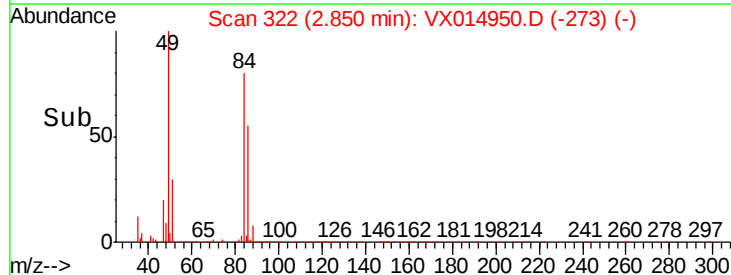
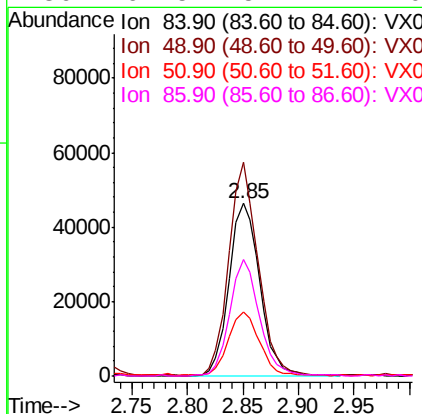
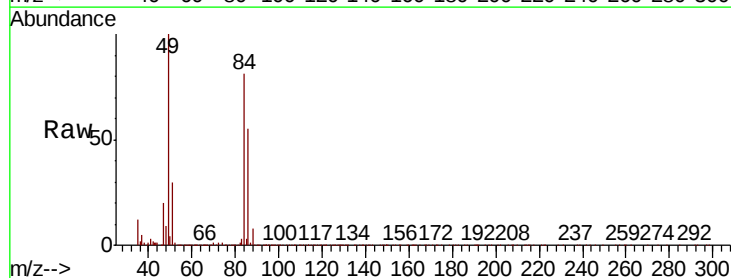
Tot Ion: 73 Resp: 264792
 Ion Ratio Lower Upper
 73 100
 57 21.9 18.2 27.4

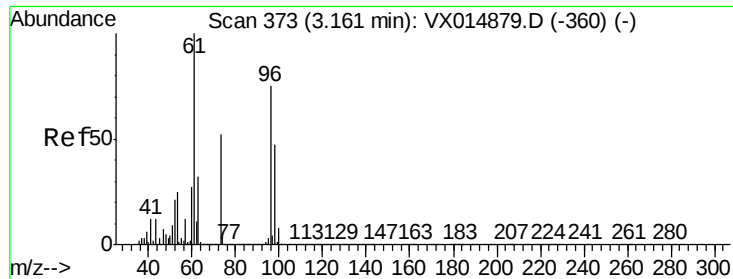


#20

Methylene Chloride
 Concen: 17.817 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. -0.00 min
 Lab File: VX014950.D
 Acq: 18 Feb 2020 11:38

Tgt Ion: 84 Resp: 88492
 Ion Ratio Lower Upper
 84 100
 49 123.3 95.6 143.4
 51 36.5 29.0 43.6
 86 67.5 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 17.989 ug/l

RT: 3.16 min Scan# 373

Delta R.T. -0.00 min

Lab File: VX014950.D

Acq: 18 Feb 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX0218WBSD01

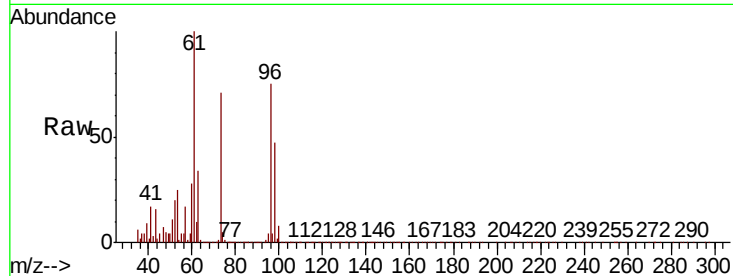
Tot Ion: 96 Resp: 83235

Ion Ratio Lower Upper

96 100

61 132.7 106.9 160.3

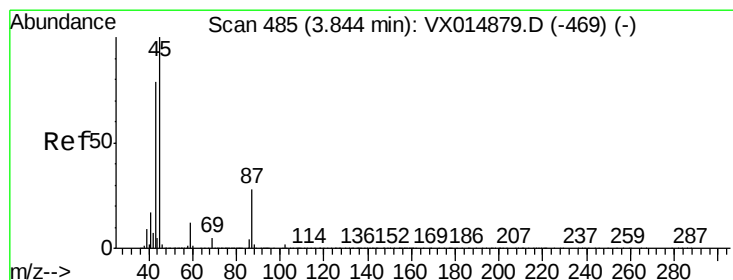
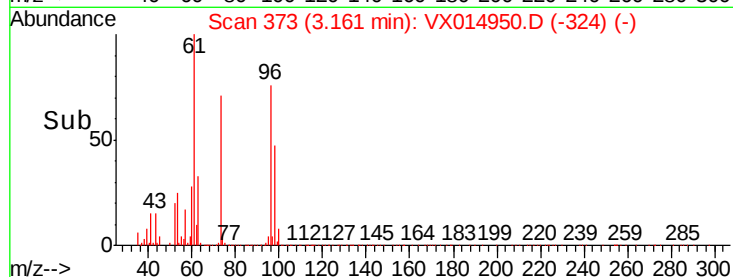
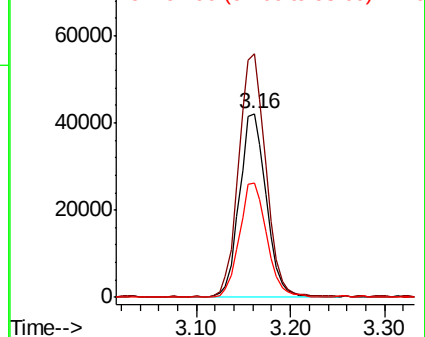
98 61.8 50.7 76.1



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



#22

Diisopropyl ether

Concen: 19.434 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX014950.D

Acq: 18 Feb 2020 11:38

Tgt Ion: 45 Resp: 275958

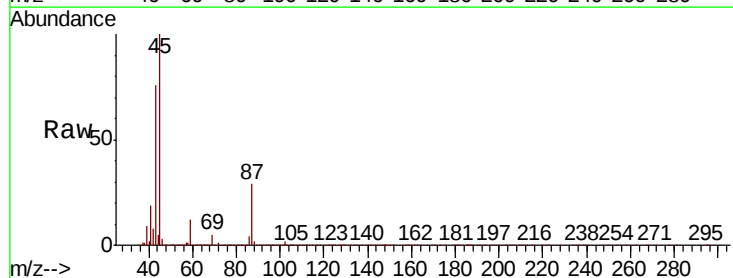
Ion Ratio Lower Upper

45 100

43 75.7 63.5 95.3

87 28.5 22.2 33.4

59 11.6 9.4 14.0

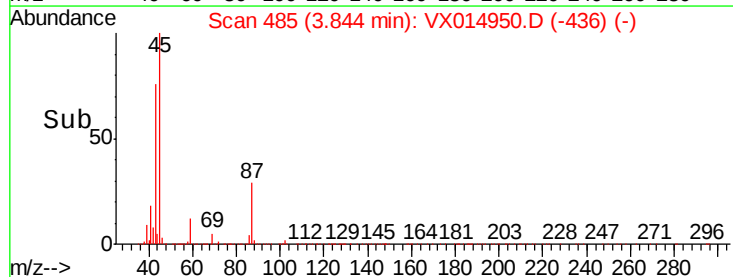
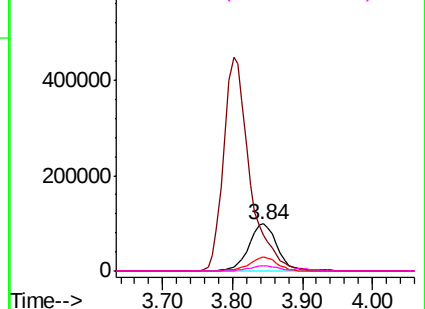


Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 99.590 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX014950.D

Acq: 18 Feb 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

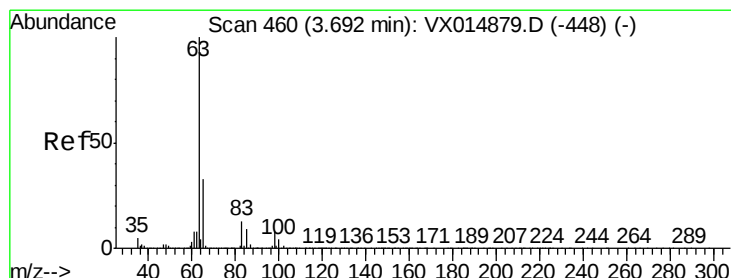
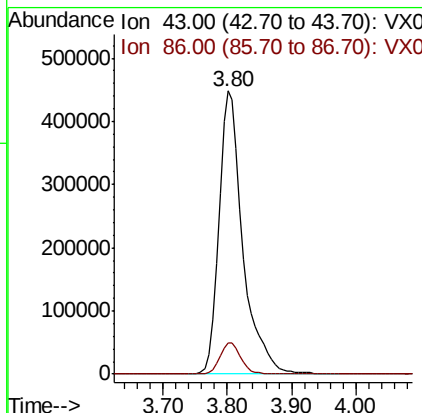
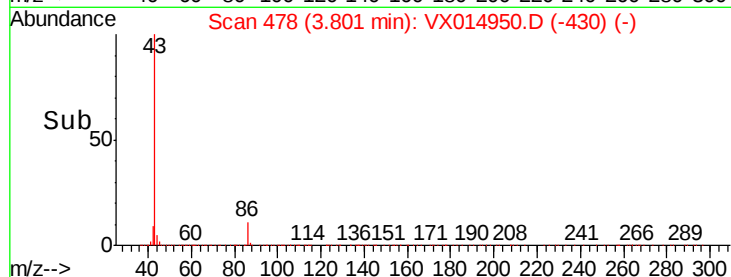
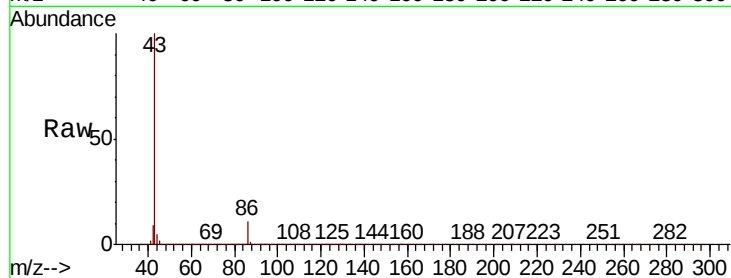
VX0218WBSD01

Tot Ion: 43 Resp: 1165763

Ion Ratio Lower Upper

43 100

86 11.0 8.9 13.3



#24

1,1-Dichloroethane

Concen: 18.689 ug/l

RT: 3.69 min Scan# 460

Delta R.T. -0.00 min

Lab File: VX014950.D

Acq: 18 Feb 2020 11:38

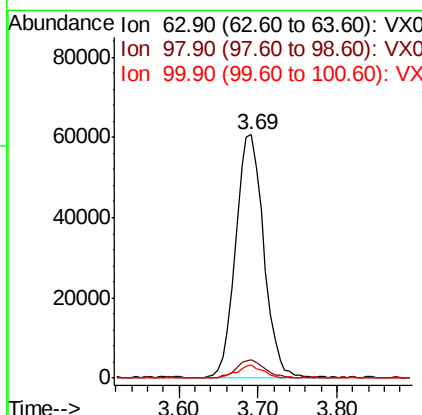
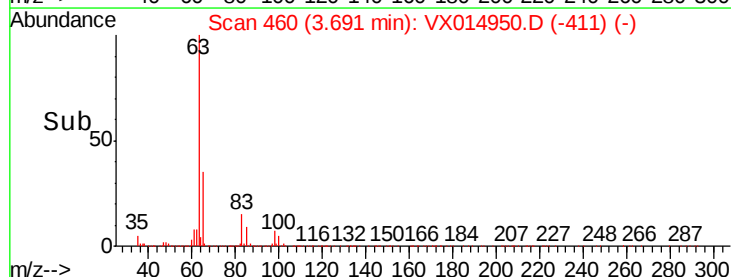
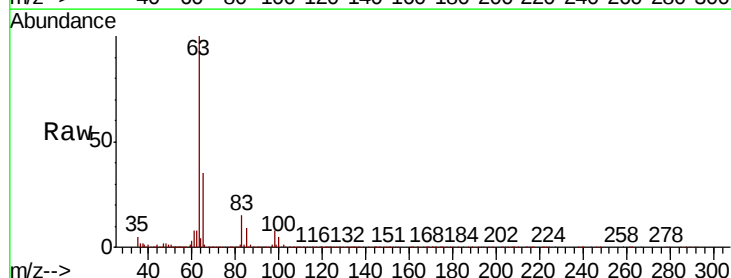
Tgt Ion: 63 Resp: 149776

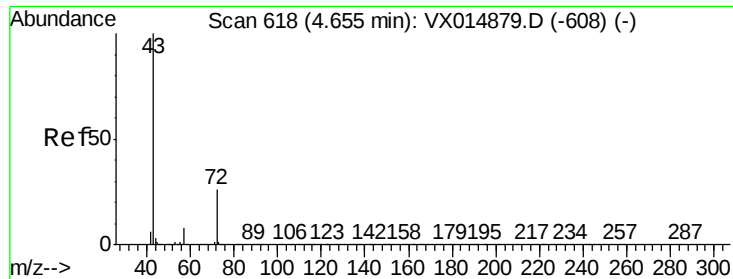
Ion Ratio Lower Upper

63 100

98 7.2 3.9 11.5

100 4.9 2.2 6.6





#25

2-Butanone

Concen: 95.682 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX014950.D

Acq: 18 Feb 2020 11:38

Instrument :

MSVOA_X

ClientSampled :

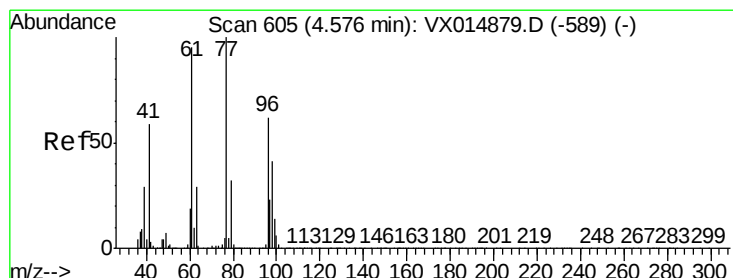
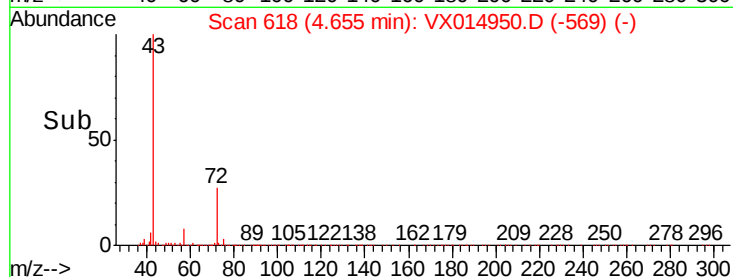
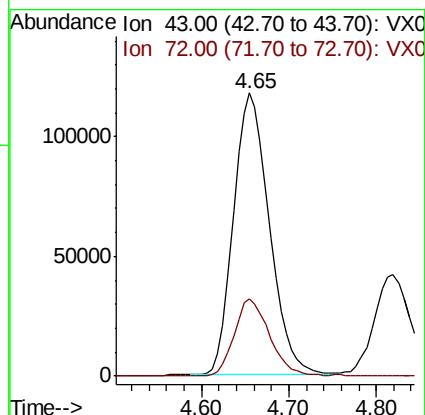
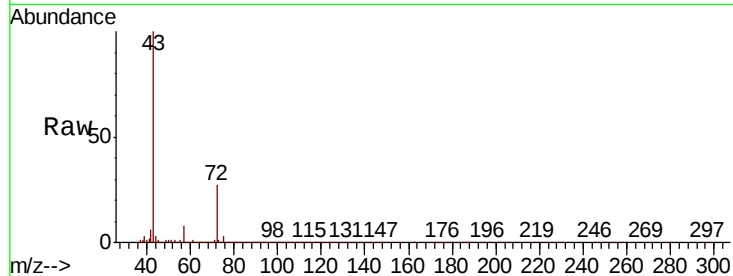
VX0218WBSD01

Tot Ion: 43 Resp: 336332

Ion Ratio Lower Upper

43 100

72 27.0 21.0 31.6



#26

2,2-Dichloropropane

Concen: 17.716 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014950.D

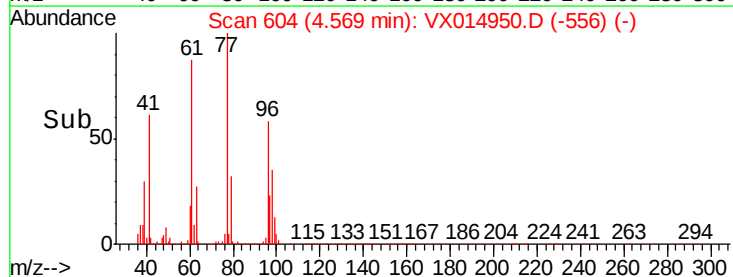
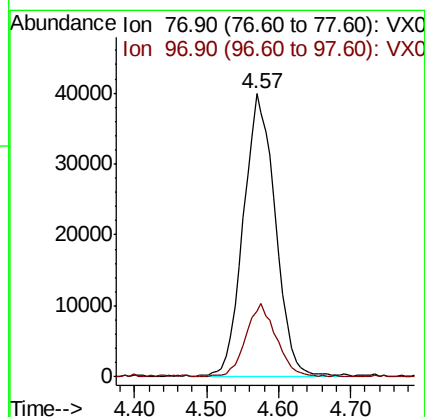
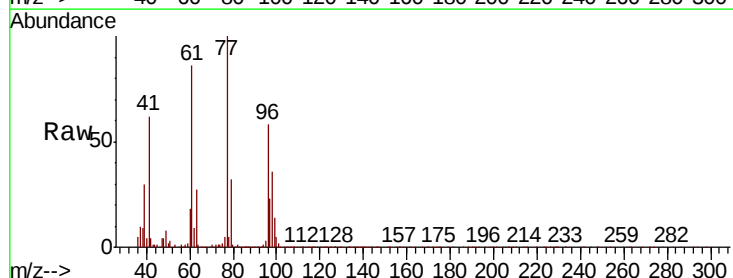
Acq: 18 Feb 2020 11:38

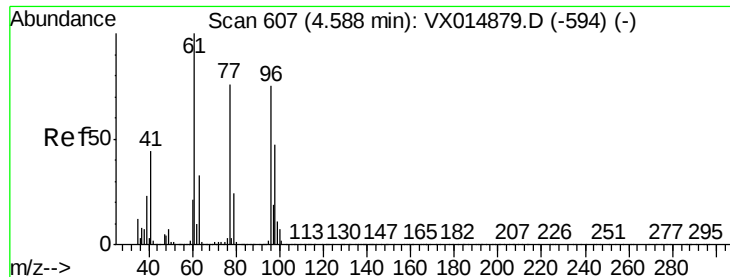
Tgt Ion: 77 Resp: 122358

Ion Ratio Lower Upper

77 100

97 25.1 11.9 35.5



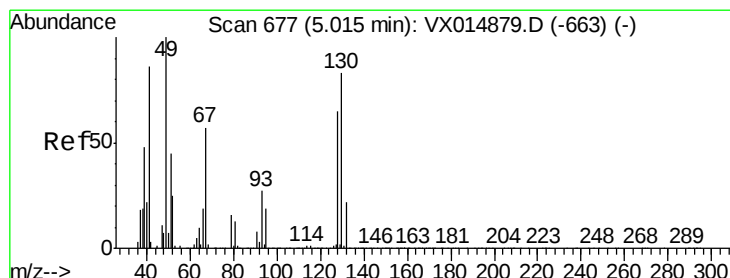
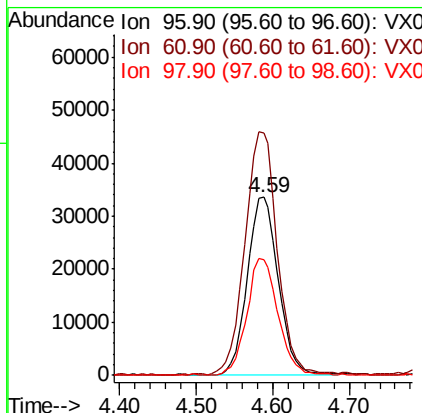
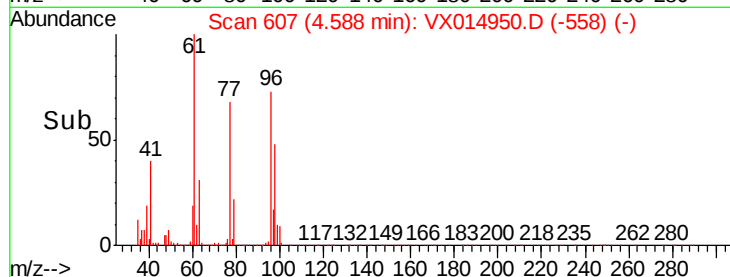
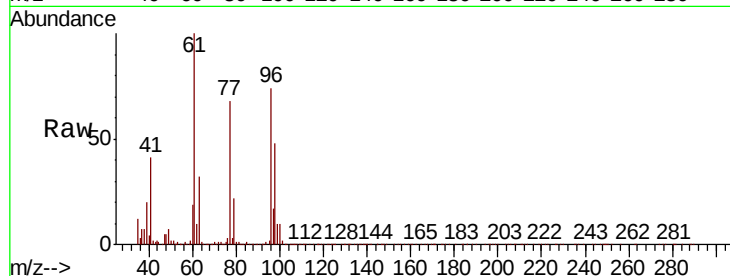


#27

cis-1,2-Dichloroethene
Concen: 18.375 ug/l
RT: 4.59 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX014950.D
Acq: 18 Feb 2020 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX0218WBSD01

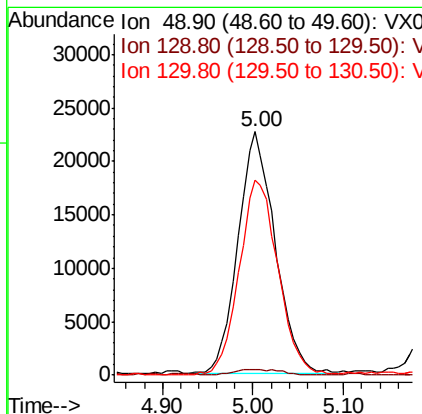
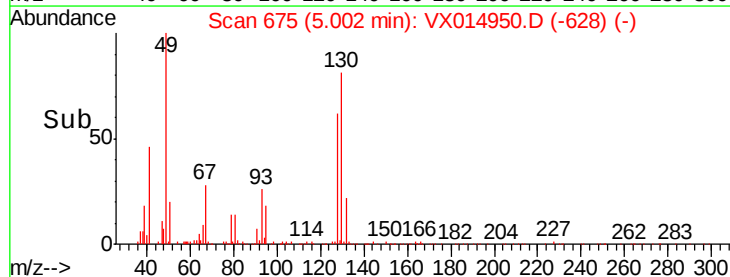
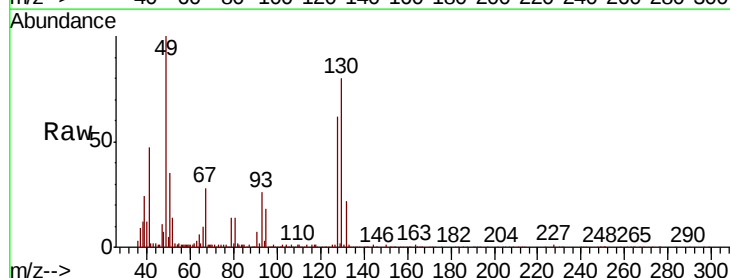
Tot Ion: 96 Resp: 95042
Ion Ratio Lower Upper
96 100
61 140.9 0.0 286.2
98 64.9 0.0 131.0

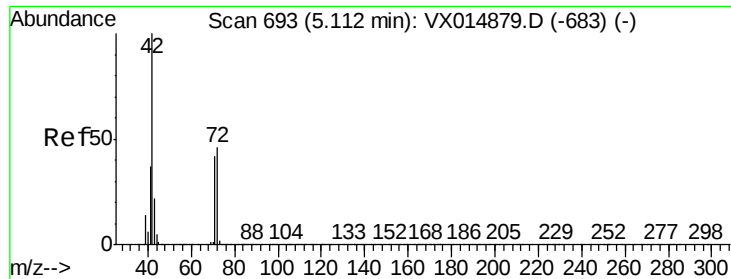


#28

Bromochloromethane
Concen: 20.518 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX014950.D
Acq: 18 Feb 2020 11:38

Tgt Ion: 49 Resp: 63736
Ion Ratio Lower Upper
49 100
129 3.1 0.0 5.2
130 85.1 67.4 101.2





#29

Tetrahydrofuran

Concen: 101.285 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.00 min

Lab File: VX014950.D

Acq: 18 Feb 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX0218WBSD01

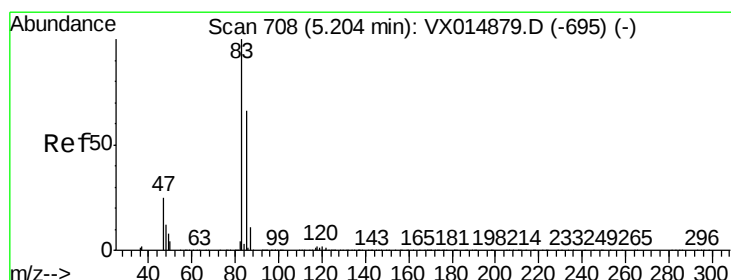
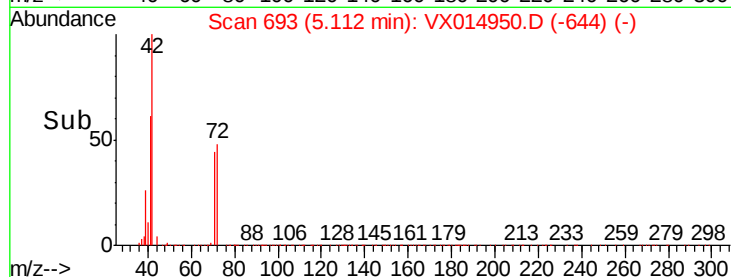
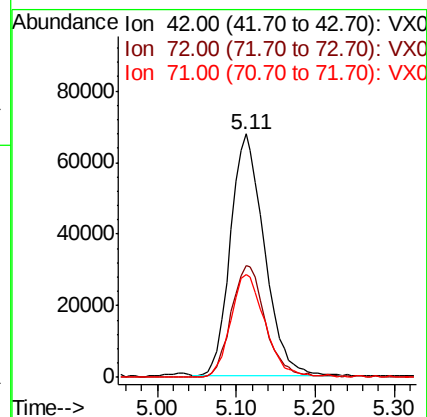
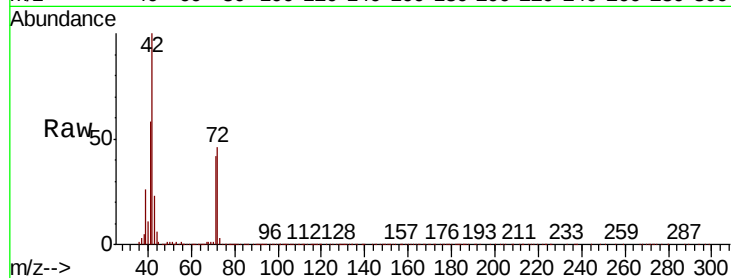
Tot Ion: 42 Resp: 202389

Ion Ratio Lower Upper

42 100

72 46.3 36.9 55.3

71 42.7 34.1 51.1



#30

Chloroform

Concen: 19.051 ug/l

RT: 5.20 min Scan# 708

Delta R.T. -0.00 min

Lab File: VX014950.D

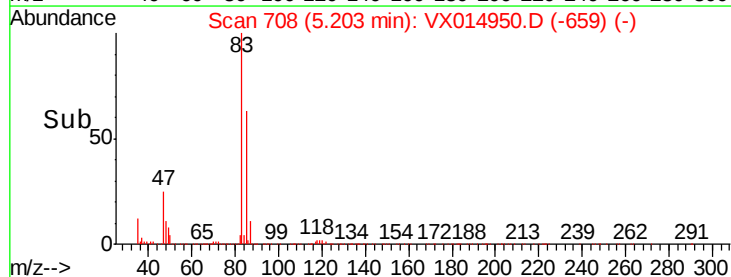
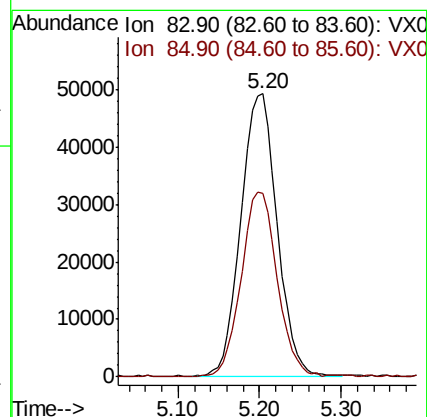
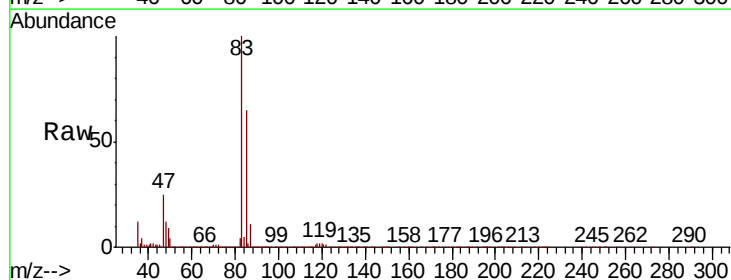
Acq: 18 Feb 2020 11:38

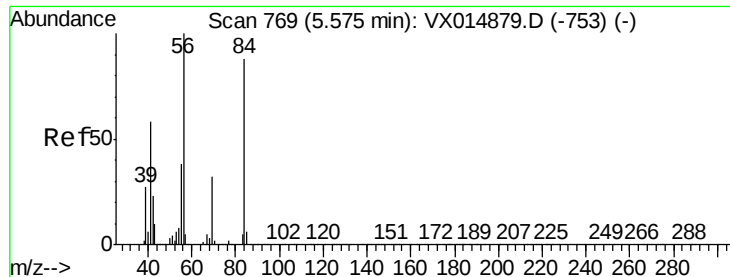
Tgt Ion: 83 Resp: 151477

Ion Ratio Lower Upper

83 100

85 64.5 52.9 79.3

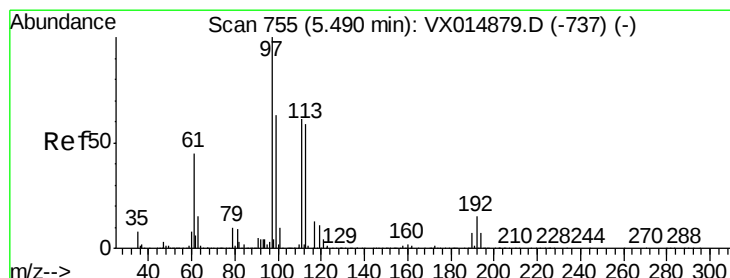
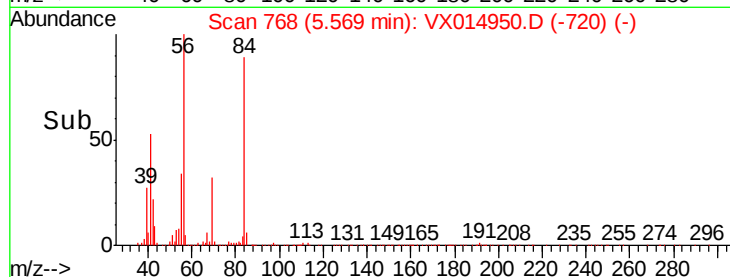
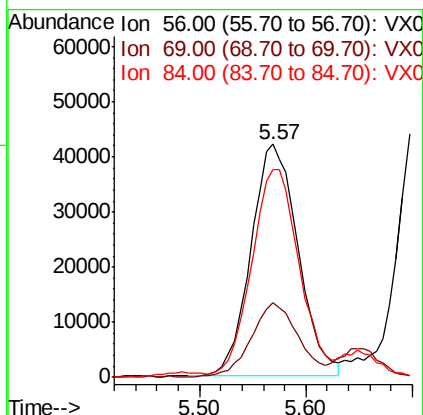
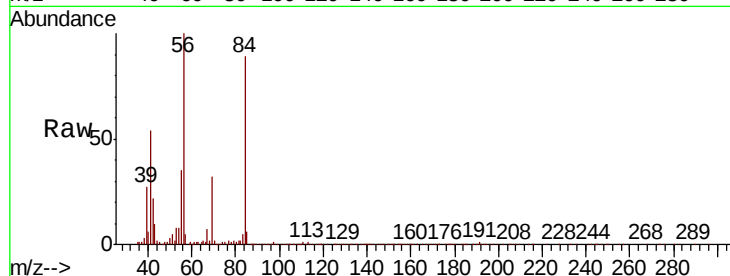




#31
Cyclohexane
Concen: 17.778 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX014950.D
Acq: 18 Feb 2020 11:38

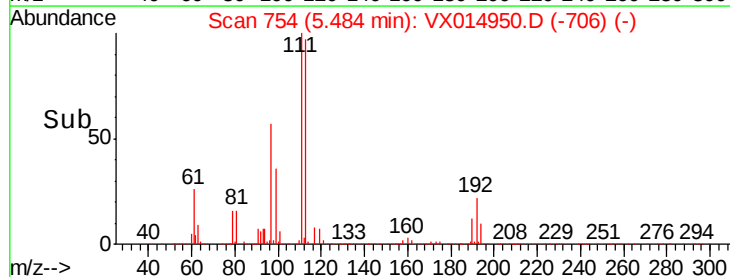
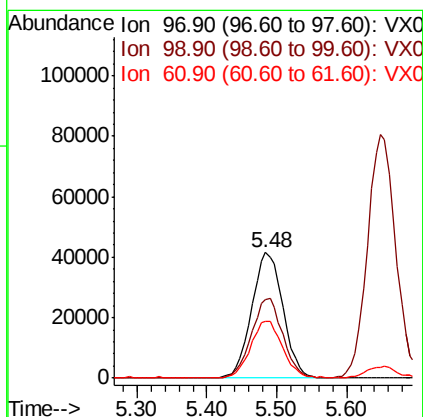
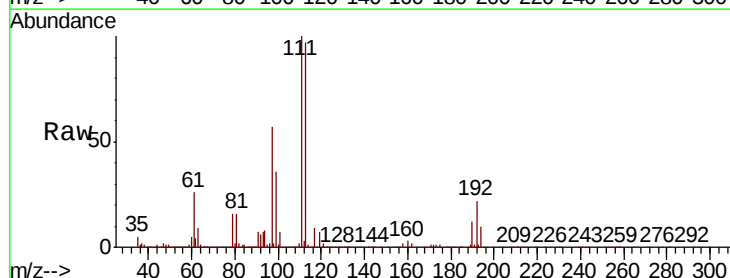
Instrument :
MSVOA_X
ClientSampleId :
VX0218WBSD01

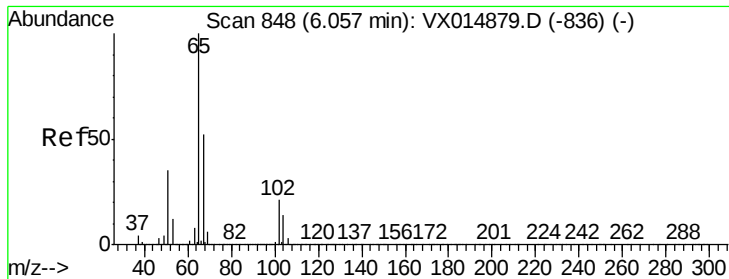
Tot Ion: 56 Resp: 129763
Ion Ratio Lower Upper
56 100
69 31.8 25.9 38.9
84 87.7 70.4 105.6



#32
1,1,1-Trichloroethane
Concen: 18.486 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014950.D
Acq: 18 Feb 2020 11:38

Tgt Ion: 97 Resp: 128577
Ion Ratio Lower Upper
97 100
99 62.6 51.0 76.6
61 46.6 36.3 54.5





#33

1,2-Dichloroethane-d4

Concen: 49.282 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.01 min

Lab File: VX014950.D

Acq: 18 Feb 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

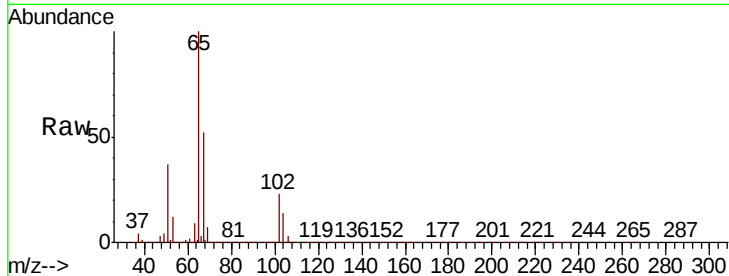
VX0218WBSD01

Tot Ion: 65 Resp: 254452

Ion Ratio Lower Upper

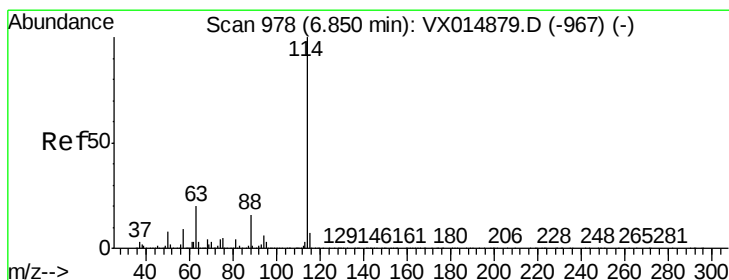
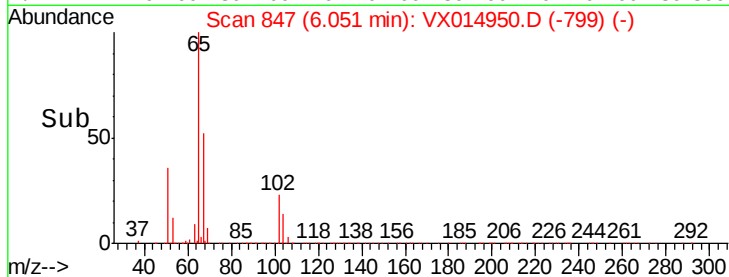
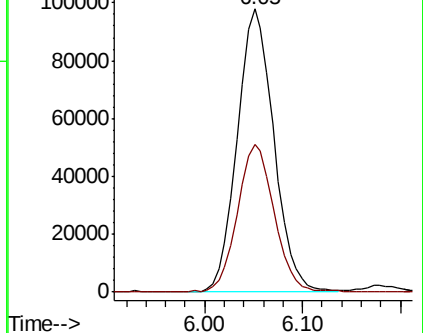
65 100

67 52.1 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX014950.D

Acq: 18 Feb 2020 11:38

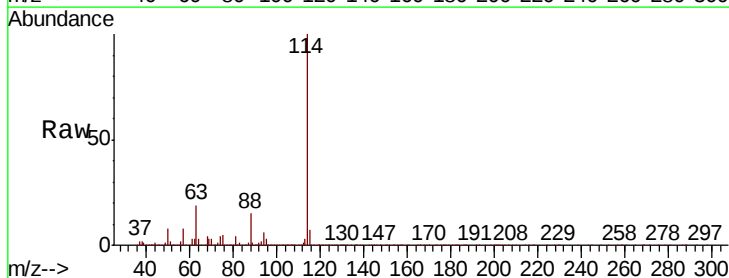
Tgt Ion: 114 Resp: 670351

Ion Ratio Lower Upper

114 100

63 19.1 0.0 39.2

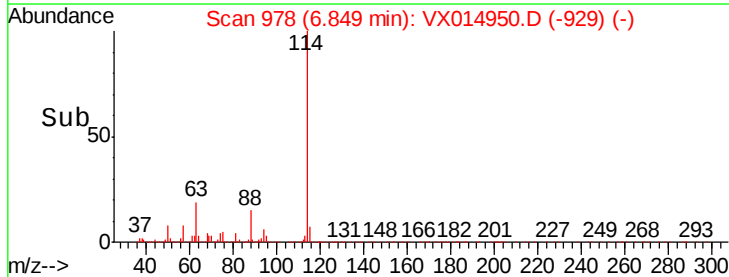
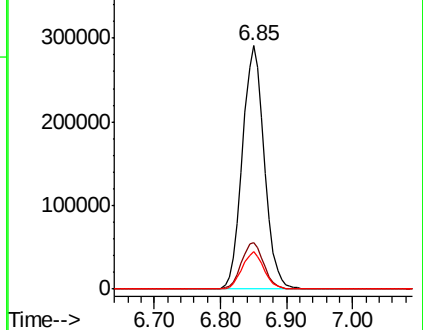
88 15.4 0.0 32.0

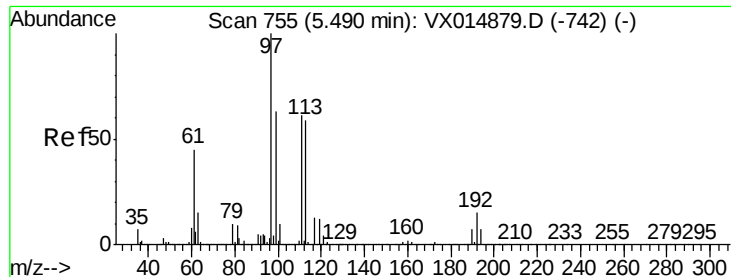


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

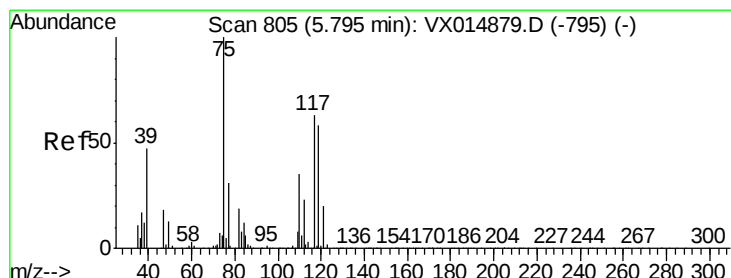
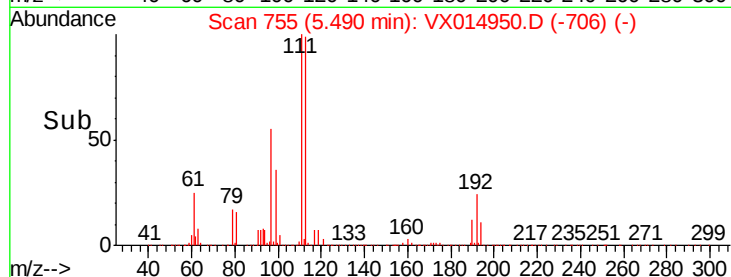
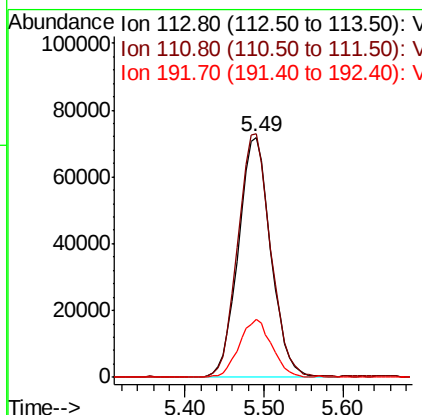
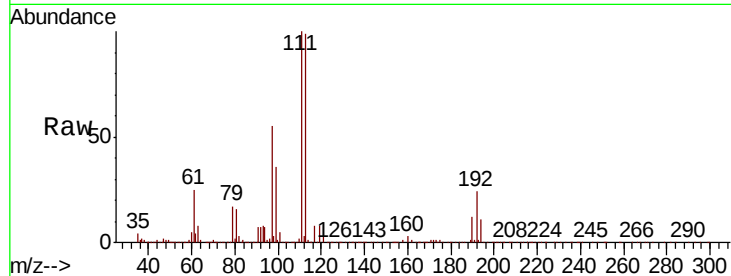




#35
Dibromofluoromethane
Concen: 49.954 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX014950.D
Acq: 18 Feb 2020 11:38

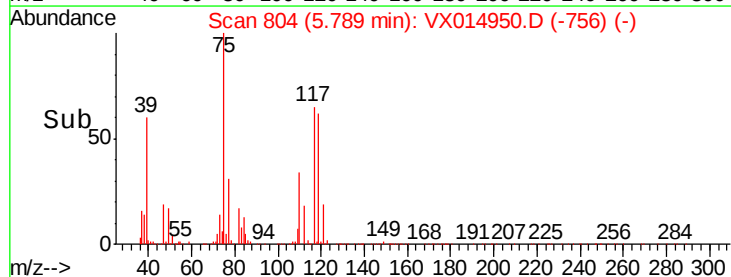
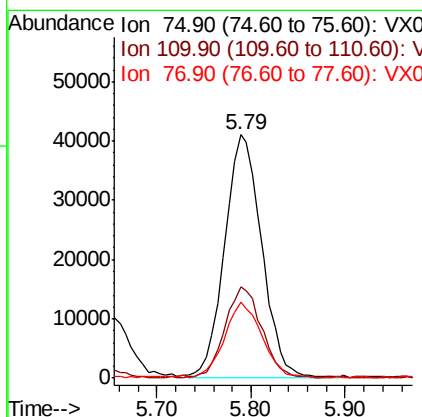
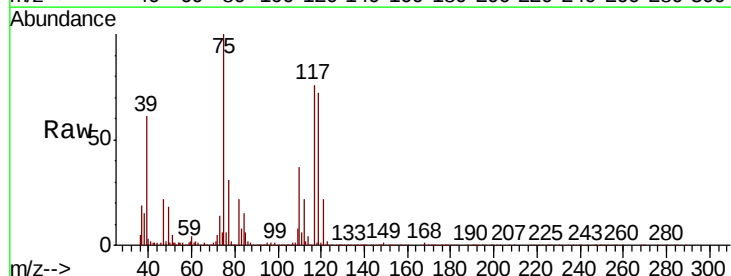
Instrument :
MSVOA_X
ClientSampleId :
VX0218WBSD01

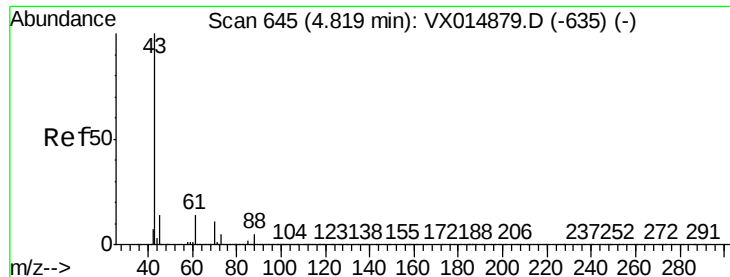
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.4	123.6
192	24.2	19.1	28.7



#36
1,1-Dichloropropene
Concen: 18.550 ug/l
RT: 5.79 min Scan# 804
Delta R.T. -0.01 min
Lab File: VX014950.D
Acq: 18 Feb 2020 11:38

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.9	18.3	54.8
77	32.1	24.6	36.8

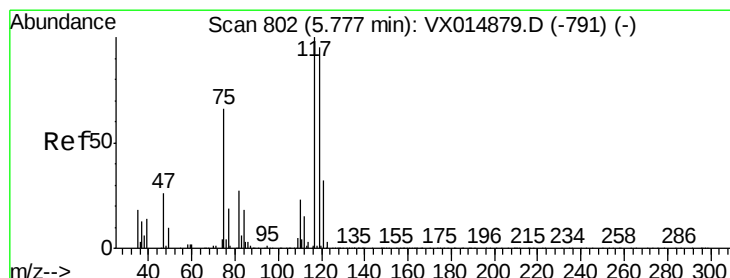
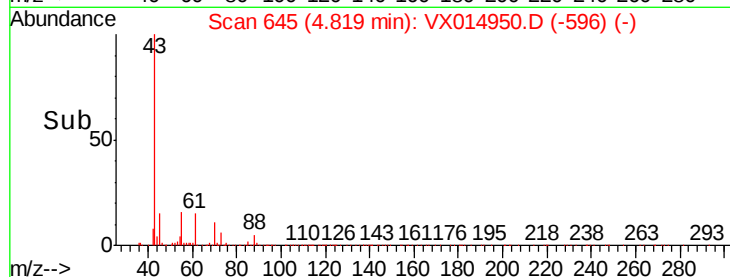
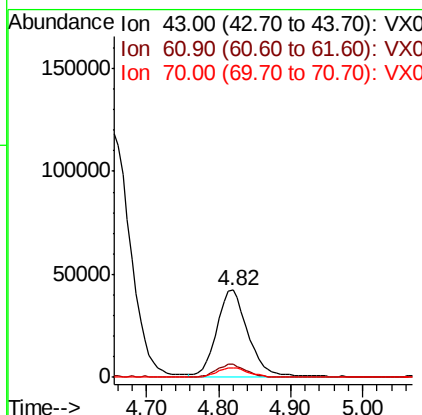
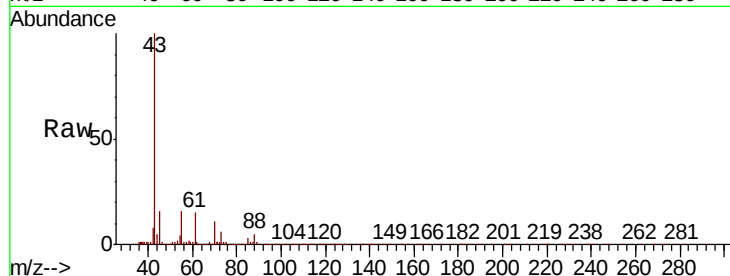




#37
Ethyl Acetate
Concen: 19.996 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX014950.D
Acq: 18 Feb 2020 11:38

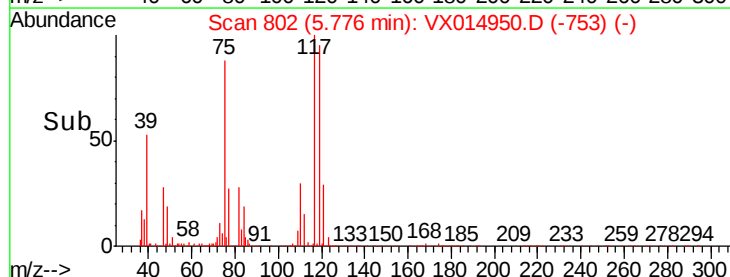
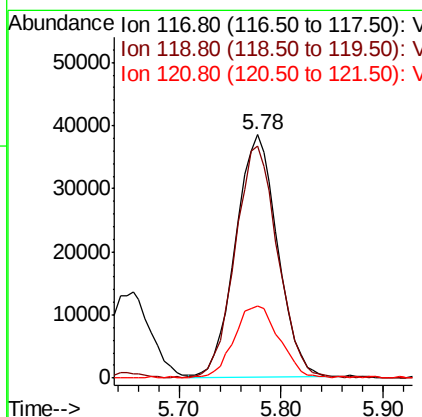
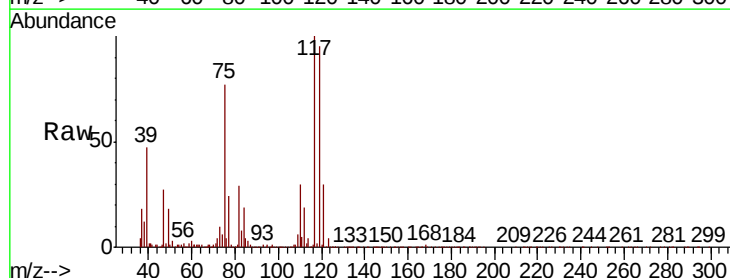
Instrument :
MSVOA_X
ClientSampled :
VX0218WBSD01

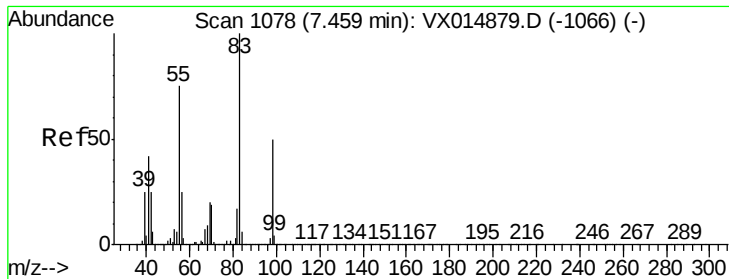
Tot Ion: 43 Resp: 125063
Ion Ratio Lower Upper
43 100
61 14.0 10.9 16.3
70 10.9 8.7 13.1



#38
Carbon Tetrachloride
Concen: 18.831 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX014950.D
Acq: 18 Feb 2020 11:38

Tgt Ion: 117 Resp: 110043
Ion Ratio Lower Upper
117 100
119 95.1 76.0 114.0
121 29.5 25.4 38.2

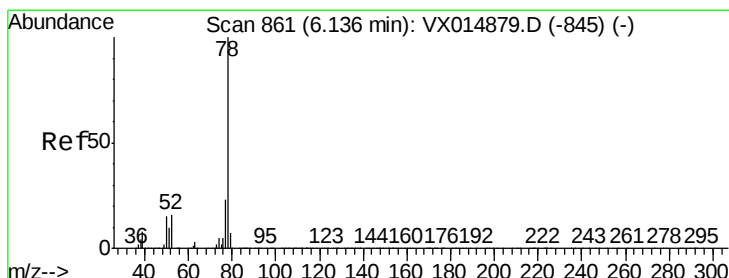
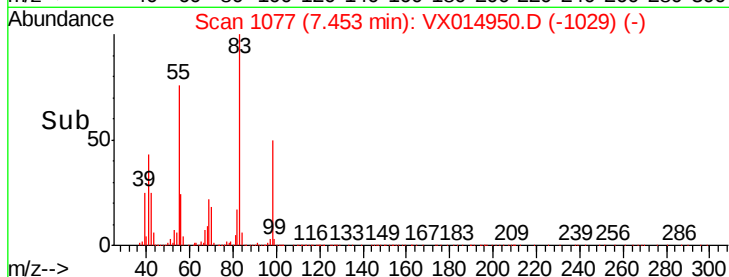
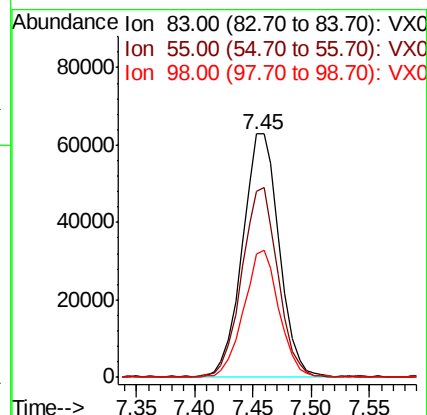
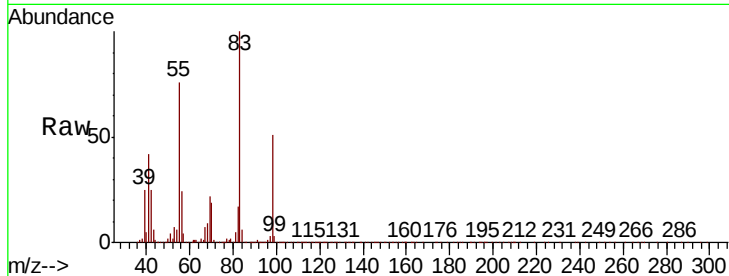




#39
Methvlcvclohexane
Concen: 18.364 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014950.D
Acq: 18 Feb 2020 11:38

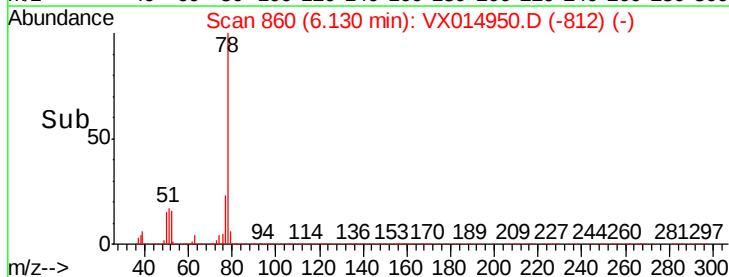
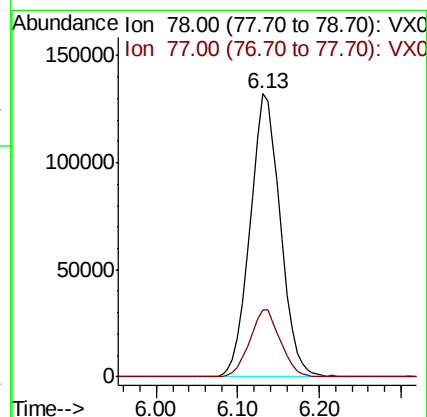
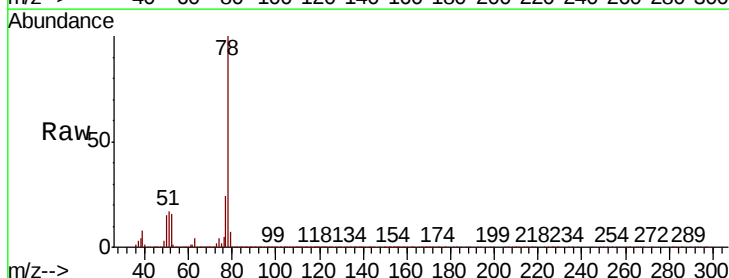
Instrument :
MSVOA_X
ClientSampleId :
VX0218WBSD01

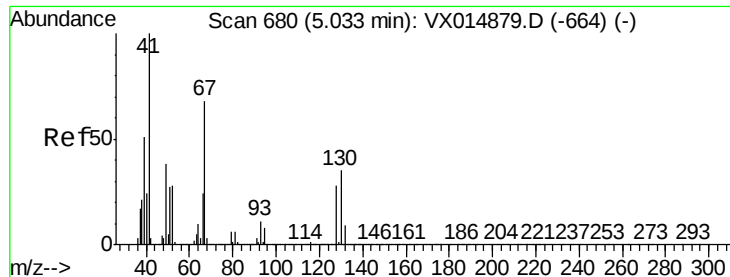
Tot Ion: 83 Resp: 137724
Ion Ratio Lower Upper
83 100
55 75.8 60.0 90.0
98 50.7 39.6 59.4



#40
Benzene
Concen: 19.006 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014950.D
Acq: 18 Feb 2020 11:38

Tgt Ion: 78 Resp: 340514
Ion Ratio Lower Upper
78 100
77 23.7 18.8 28.2

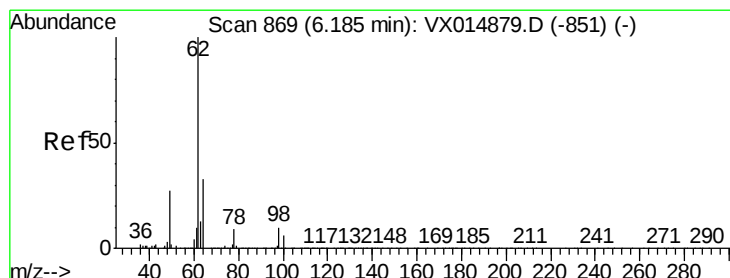
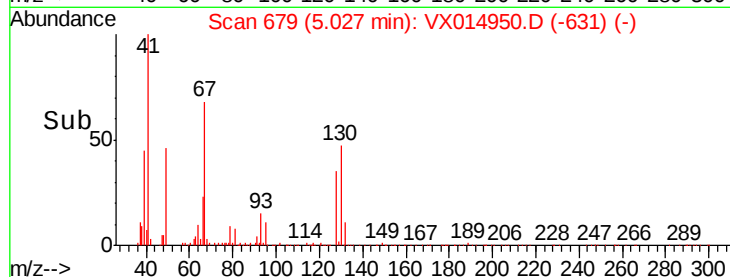
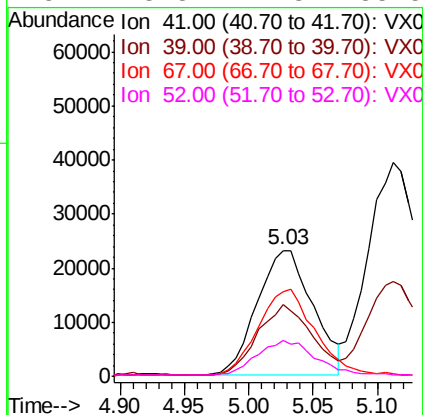
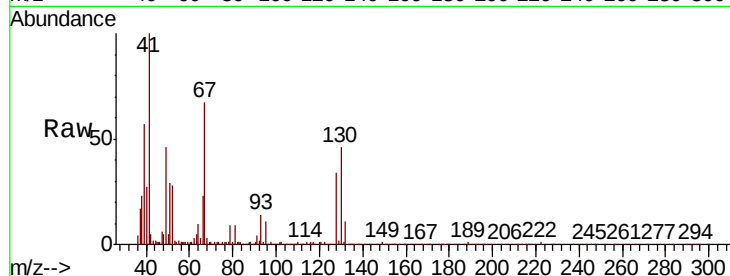




#41
Methacrylonitrile
Concen: 20.674 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX014950.D
Acq: 18 Feb 2020 11:38

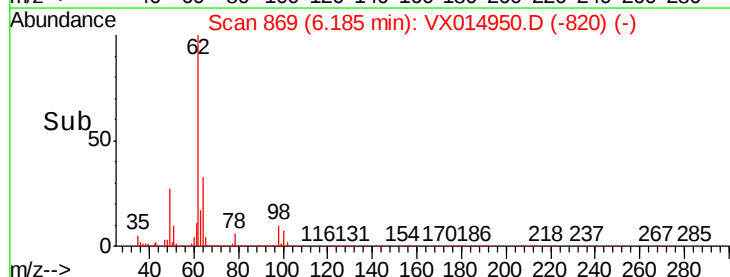
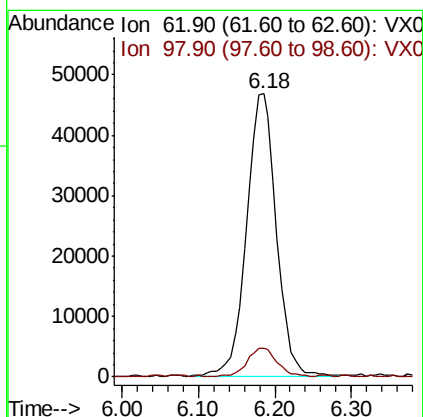
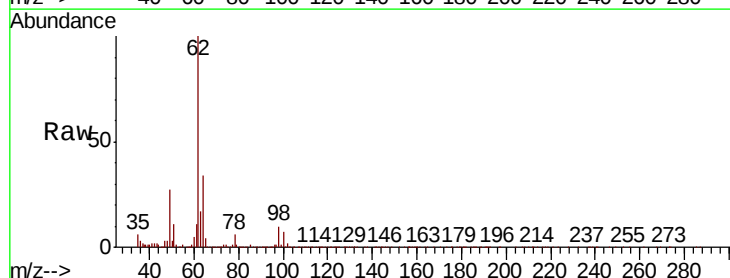
Instrument :
MSVOA_X
ClientSampleId :
VX0218WBSD01

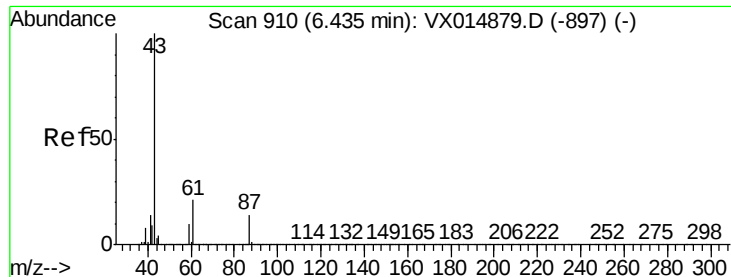
Tot Ion:	41	Resp:	69656
Ion	Ratio	Lower	Upper
41	100		
39	53.9	44.7	67.1
67	70.3	56.6	84.8
52	28.8	22.3	33.5



#42
1,2-Dichloroethane
Concen: 19.538 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.00 min
Lab File: VX014950.D
Acq: 18 Feb 2020 11:38

Tgt Ion:	62	Resp:	126520
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	19.2





#43

Isopropyl Acetate

Concen: 19.897 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014950.D

Acq: 18 Feb 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX0218WBSD01

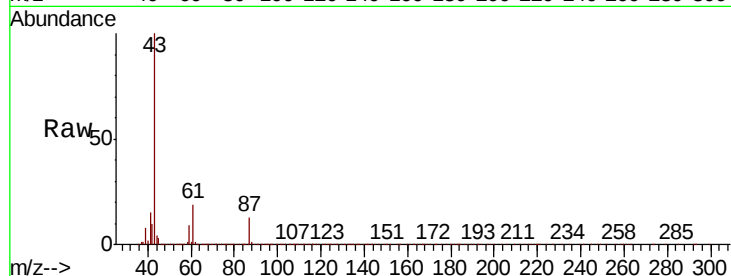
Tot Ion: 43 Resp: 205282

Ion Ratio Lower Upper

43 100

61 19.8 16.2 24.4

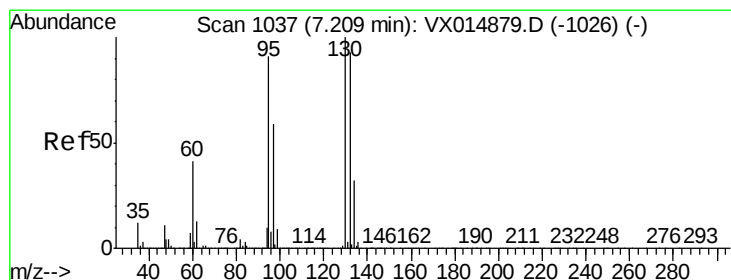
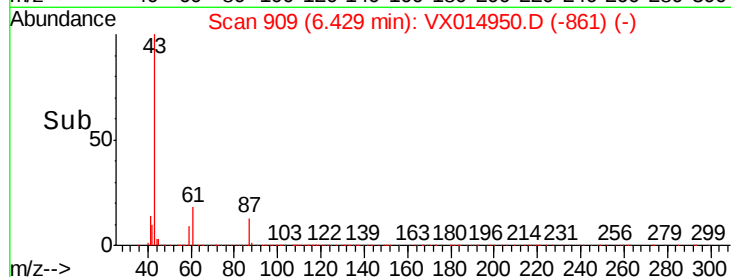
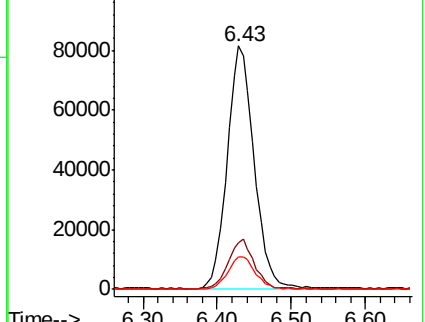
87 13.6 11.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 18.752 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014950.D

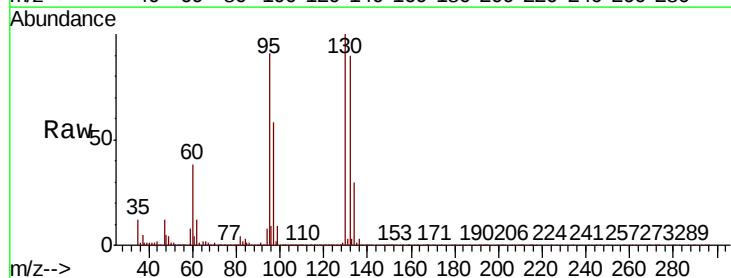
Acq: 18 Feb 2020 11:38

Tgt Ion: 130 Resp: 97534

Ion Ratio Lower Upper

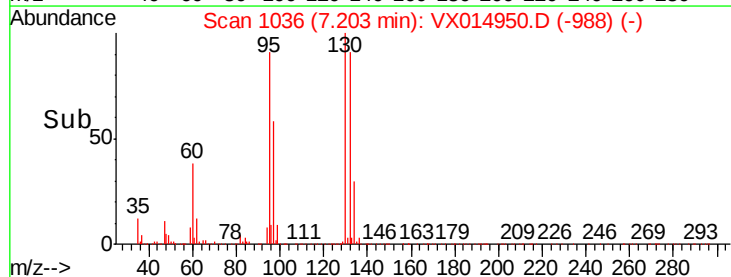
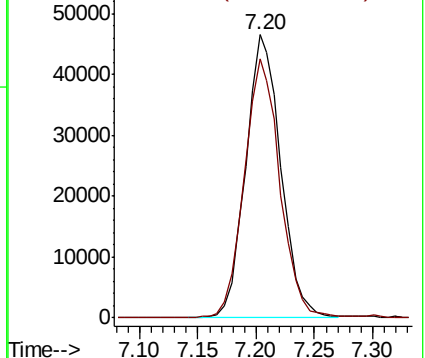
130 100

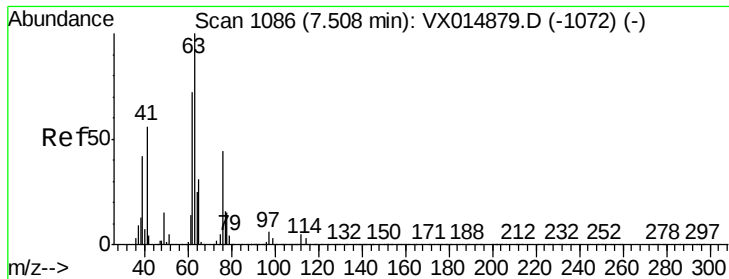
95 91.4 0.0 182.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

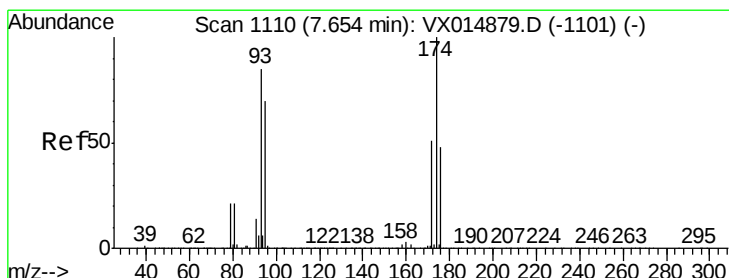
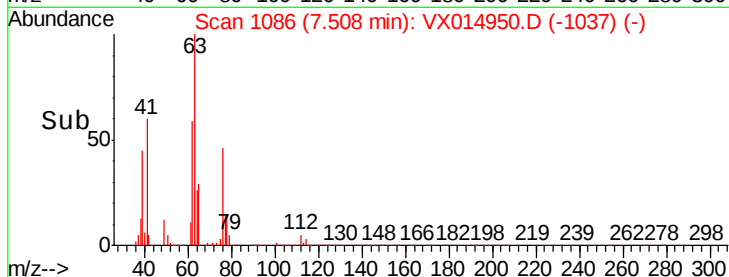
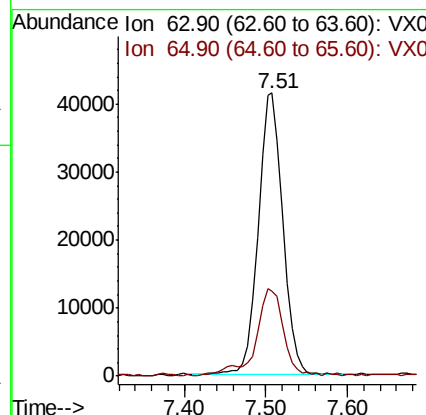
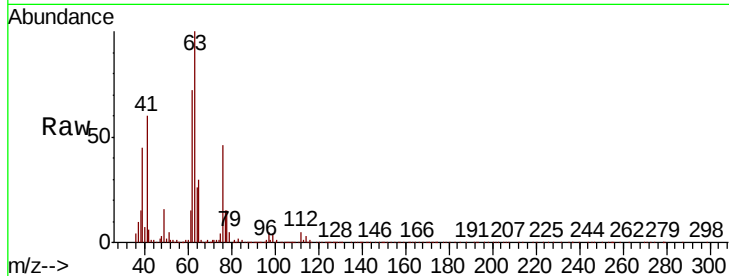




#45
 1,2-Dichloropropane
 Concen: 19.253 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX014950.D
 Acq: 18 Feb 2020 11:38

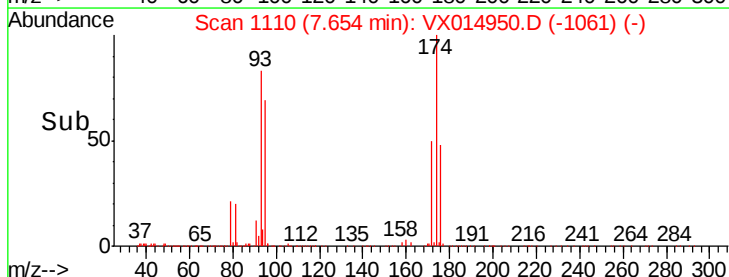
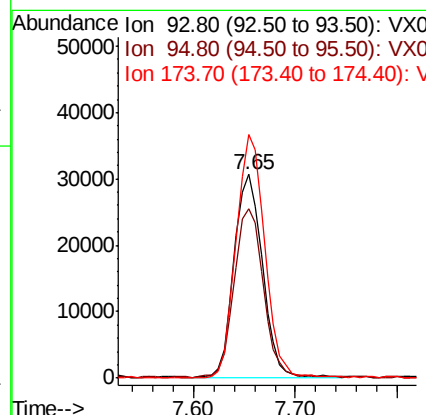
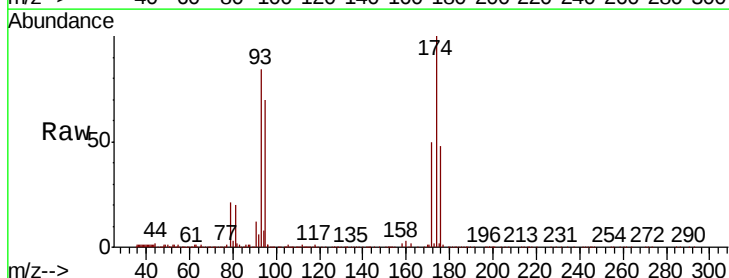
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0218WBSD01

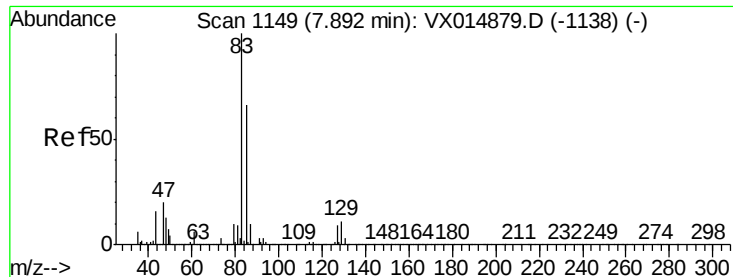
Tot Ion: 63 Resp: 87970
 Ion Ratio Lower Upper
 63 100
 65 30.0 24.9 37.3



#46
 Dibromomethane
 Concen: 18.961 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX014950.D
 Acq: 18 Feb 2020 11:38

Tgt Ion: 93 Resp: 59223
 Ion Ratio Lower Upper
 93 100
 95 85.0 65.8 98.8
 174 121.1 95.4 143.2





#47

Bromodichloromethane

Concen: 19.014 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX014950.D

Acq: 18 Feb 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX0218WBSD01

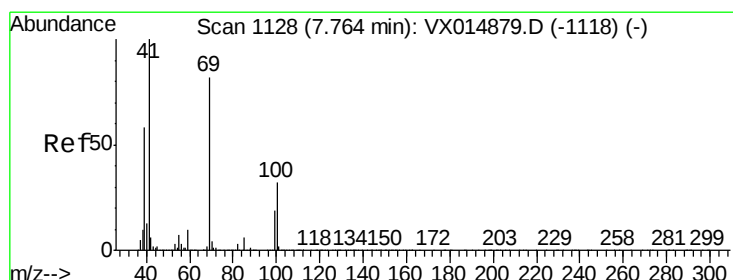
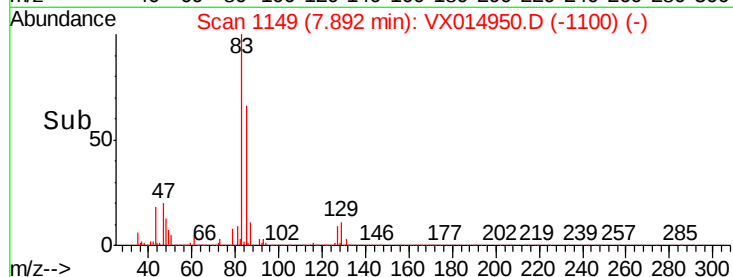
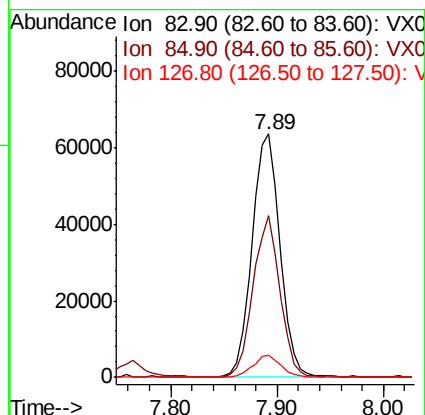
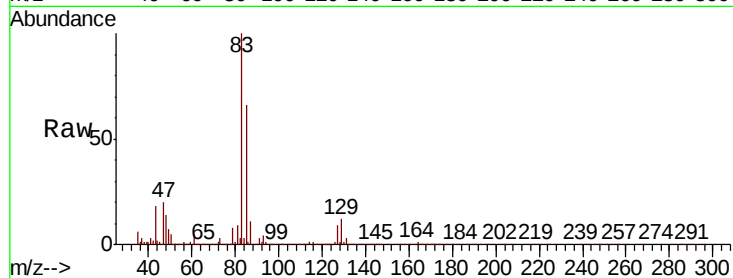
Tot Ion: 83 Resp: 117750

Ion Ratio Lower Upper

83 100

85 65.8 52.5 78.7

127 8.8 7.4 11.0



#48

Methyl methacrylate

Concen: 20.035 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX014950.D

Acq: 18 Feb 2020 11:38

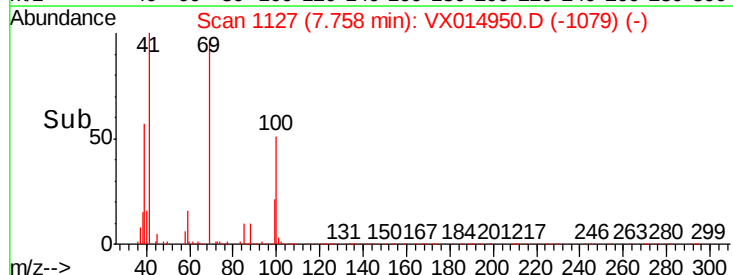
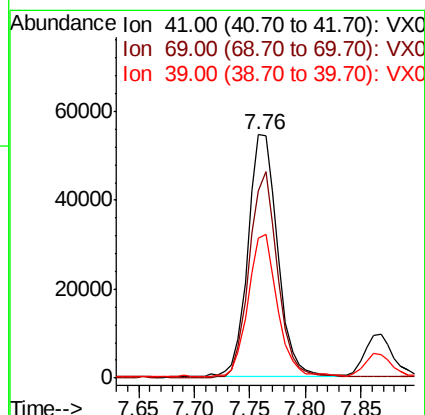
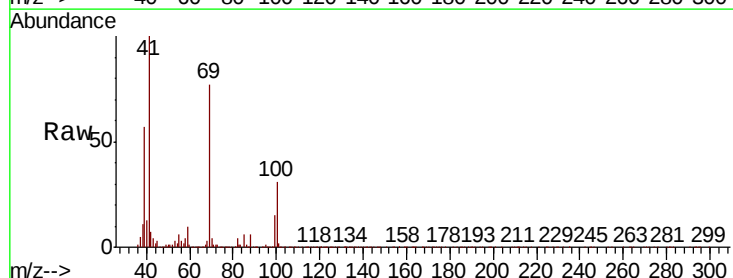
Tgt Ion: 41 Resp: 101727

Ion Ratio Lower Upper

41 100

69 81.8 65.7 98.5

39 57.8 45.8 68.8

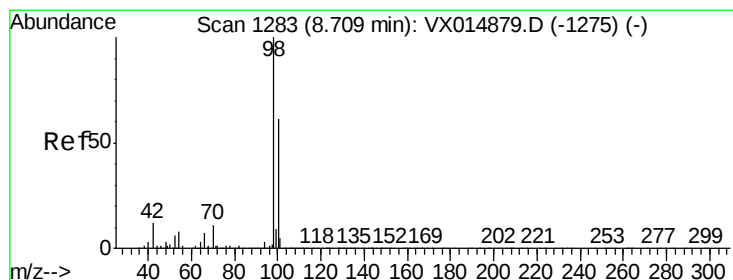
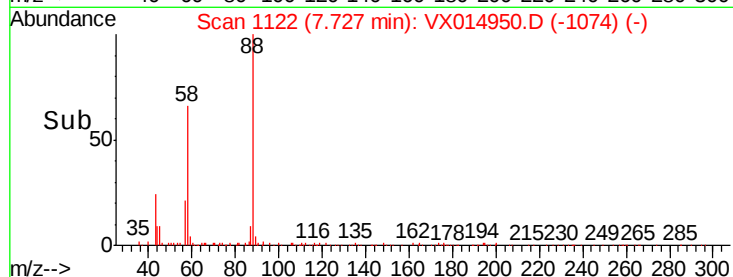
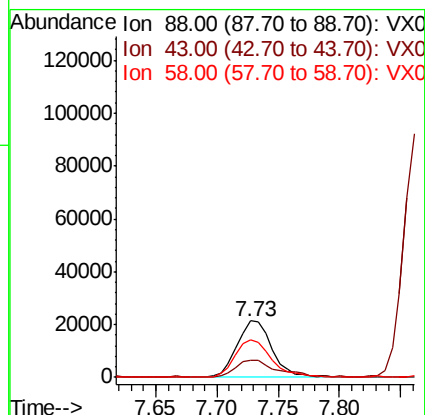
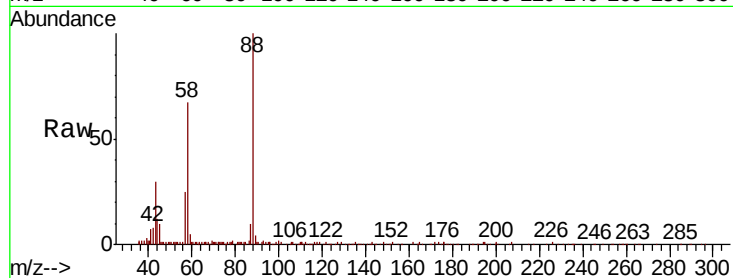




#49
1,4-Dioxane
Concen: 450.248 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX014950.D
Acq: 18 Feb 2020 11:38

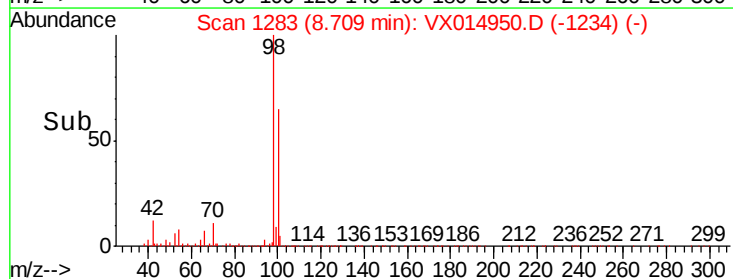
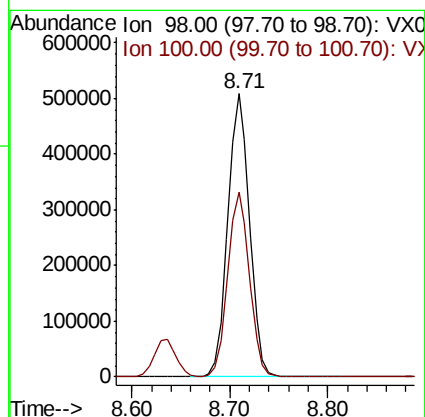
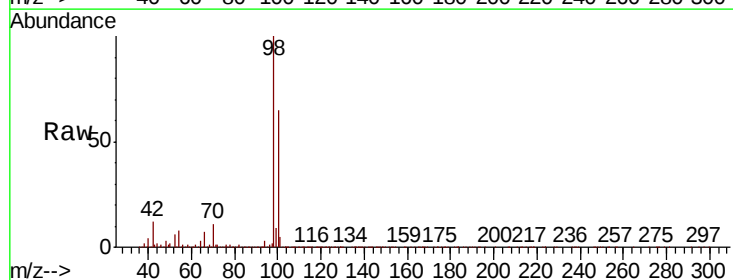
Instrument :
MSVOA_X
ClientSampleId :
VX0218WBSD01

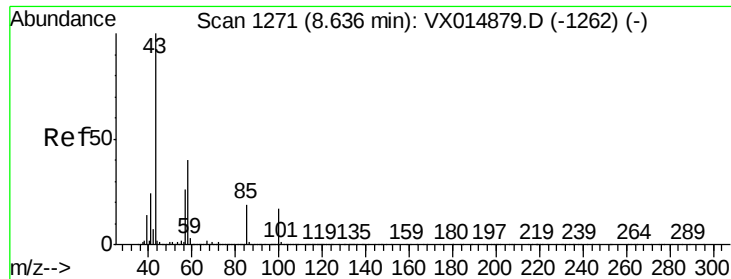
Tot Ion: 88 Resp: 42743
Ion Ratio Lower Upper
88 100
43 33.7 27.0 40.4
58 66.3 53.2 79.8



#50
Toluene-d8
Concen: 49.612 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX014950.D
Acq: 18 Feb 2020 11:38

Tgt Ion: 98 Resp: 780434
Ion Ratio Lower Upper
98 100
100 65.1 52.4 78.6





#51

4-Methyl-2-Pentanone

Concen: 102.629 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014950.D

Acq: 18 Feb 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

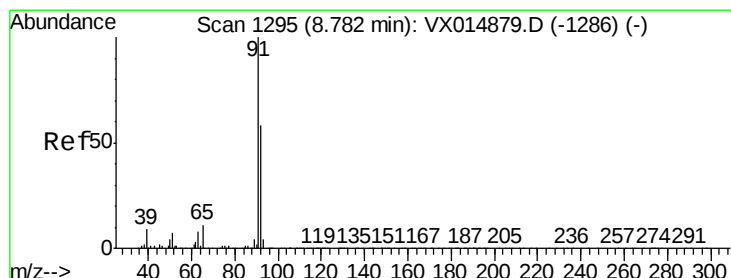
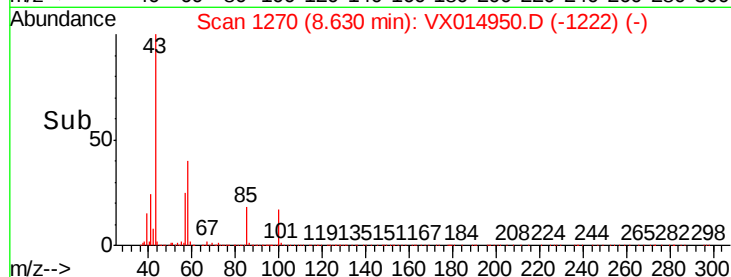
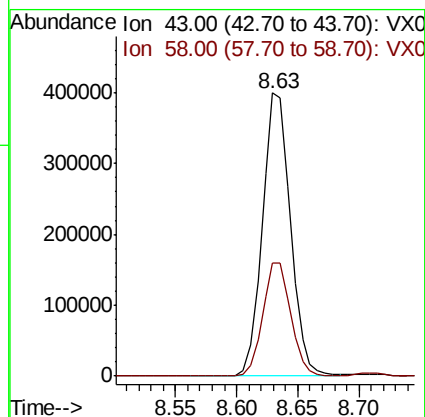
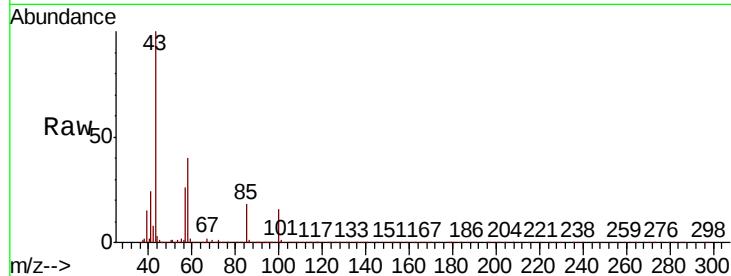
VX0218WBSD01

Tot Ion: 43 Resp: 639356

Ion Ratio Lower Upper

43 100

58 39.9 31.9 47.9



#52

Toluene

Concen: 19.053 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014950.D

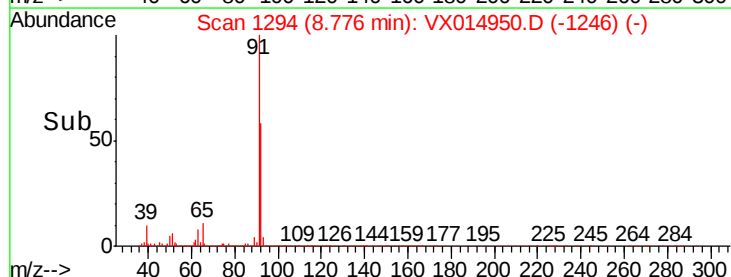
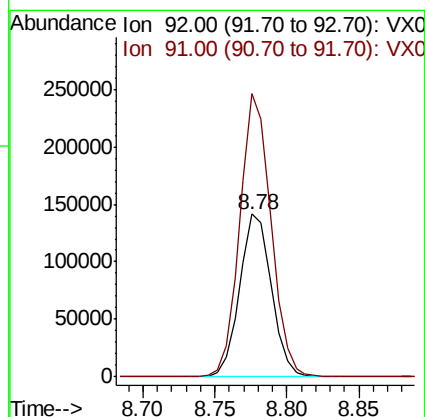
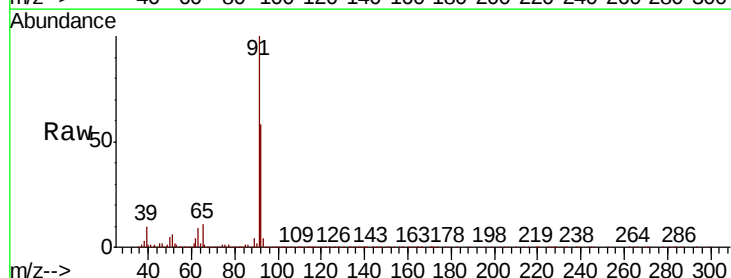
Acq: 18 Feb 2020 11:38

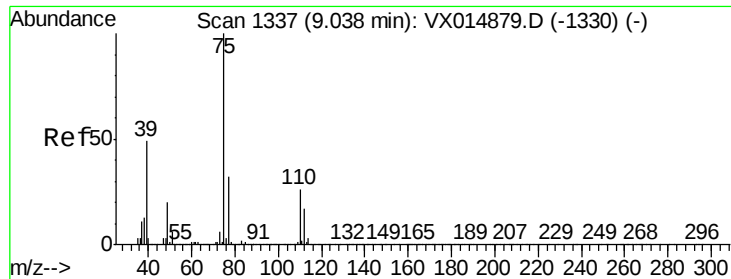
Tgt Ion: 92 Resp: 216809

Ion Ratio Lower Upper

92 100

91 170.8 137.0 205.4





#53

t-1,3-Dichloropropene

Concen: 19.267 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX014950.D

Acq: 18 Feb 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

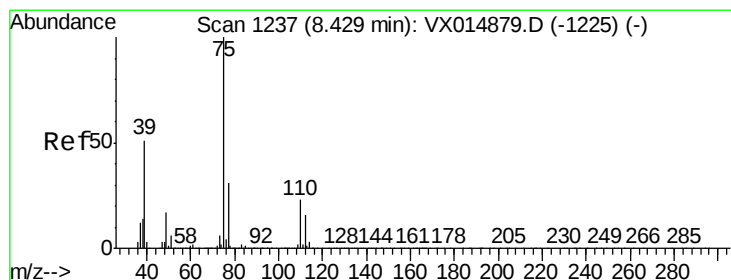
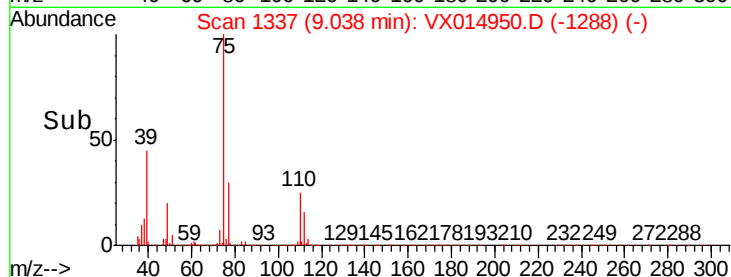
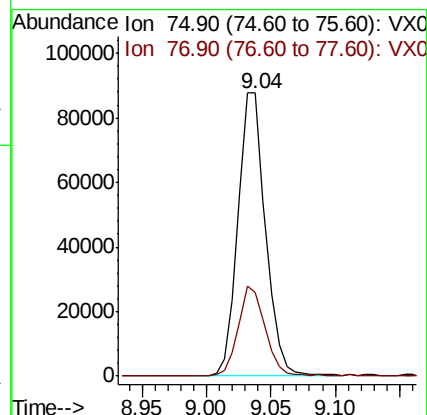
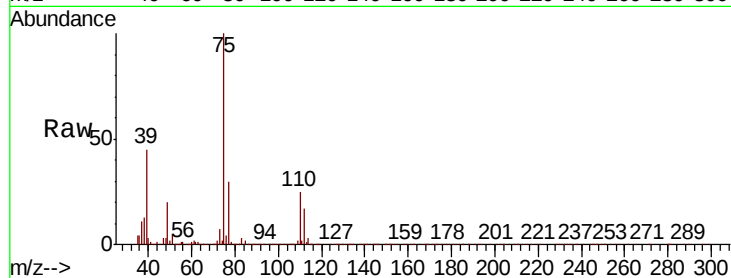
VX0218WBSD01

Tot Ion: 75 Resp: 130768

Ion Ratio Lower Upper

75 100

77 29.8 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 18.874 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX014950.D

Acq: 18 Feb 2020 11:38

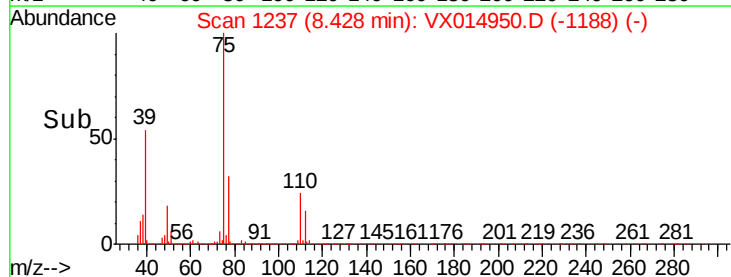
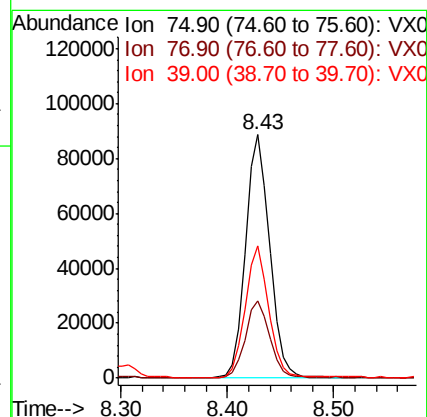
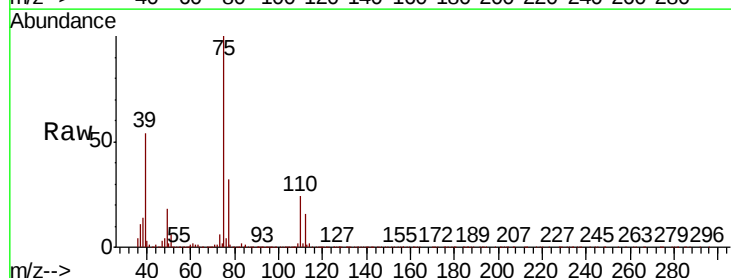
Tgt Ion: 75 Resp: 141513

Ion Ratio Lower Upper

75 100

77 31.8 24.6 37.0

39 54.0 40.9 61.3

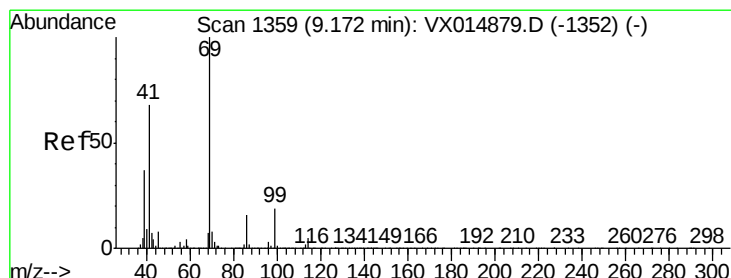
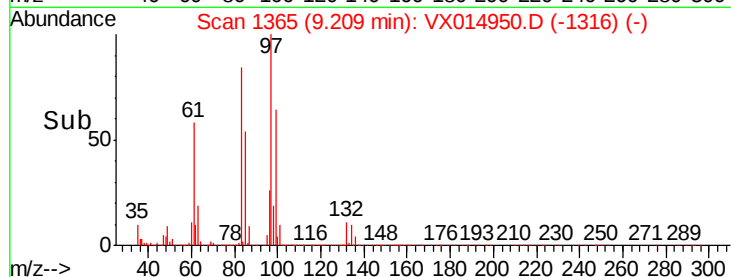
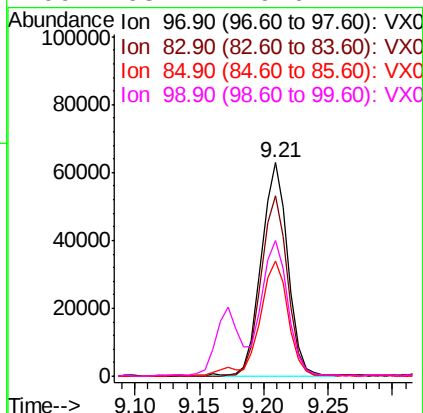
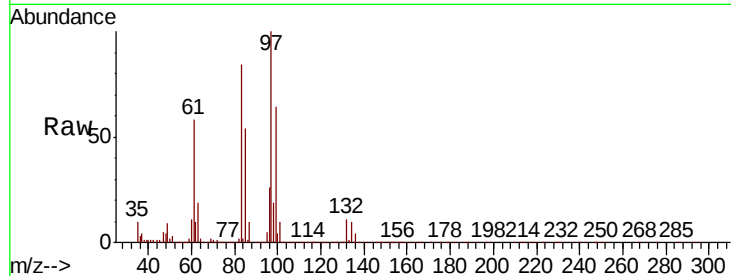




#55
 1,1,2-Trichloroethane
 Concen: 19.411 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX014950.D
 Acq: 18 Feb 2020 11:38

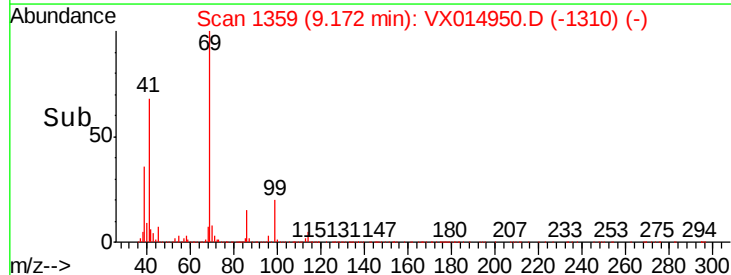
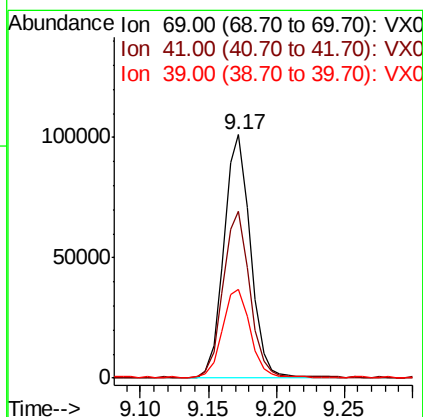
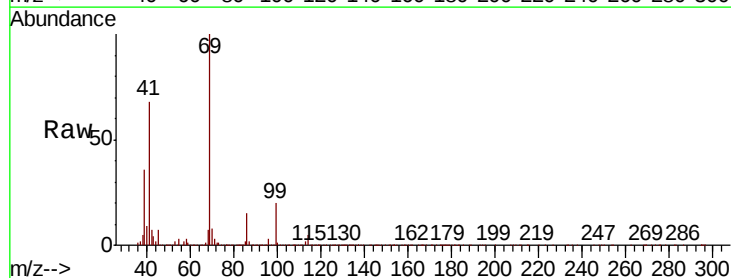
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0218WBSD01

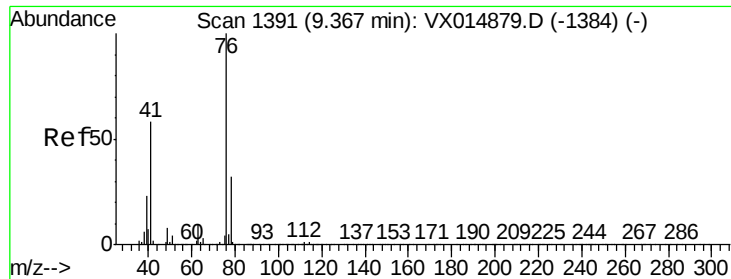
Tot Ion:	97	Resp:	89367
Ion	Ratio	Lower	Upper
97	100		
83	84.3	66.6	99.8
85	53.9	43.5	65.3
99	63.4	49.6	74.4



#56
 Ethyl methacrylate
 Concen: 19.791 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX014950.D
 Acq: 18 Feb 2020 11:38

Tgt Ion:	69	Resp:	136957
Ion	Ratio	Lower	Upper
69	100		
41	70.7	54.8	82.2
39	37.8	29.9	44.9

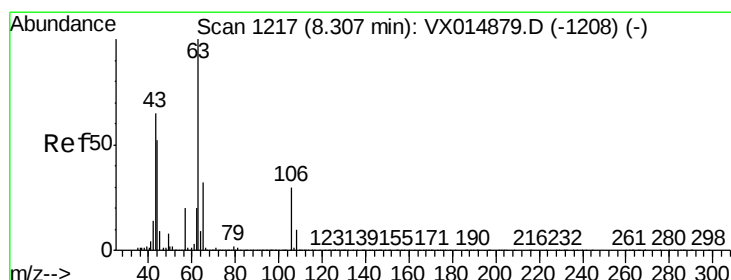
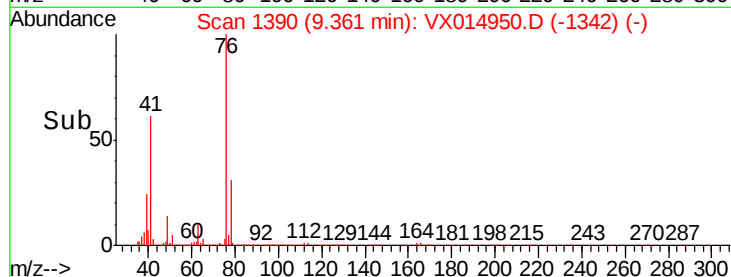
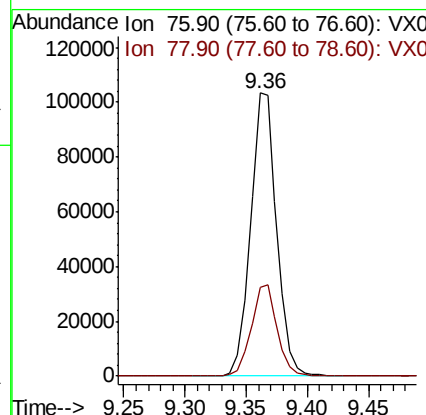
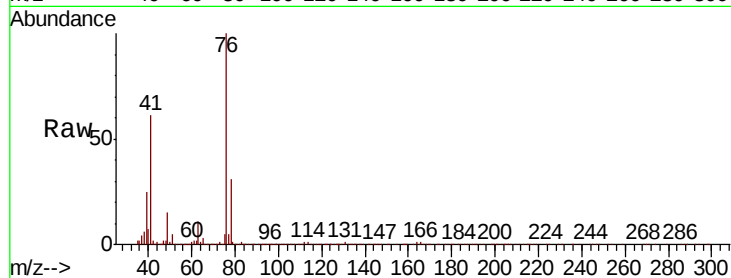




#57
 1,3-Dichloropropane
 Concen: 19.641 ug/l
 RT: 9.36 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: VX014950.D
 Acq: 18 Feb 2020 11:38

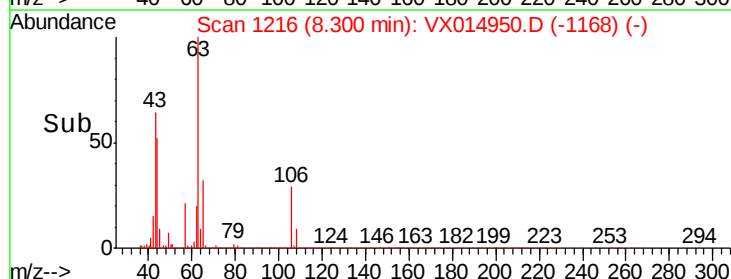
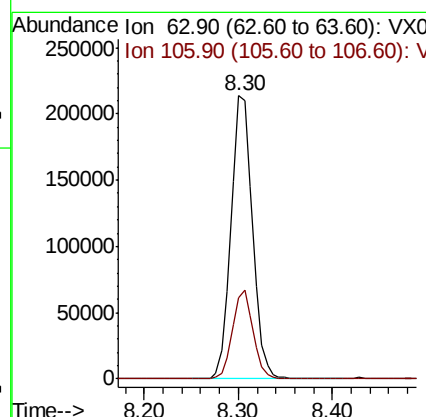
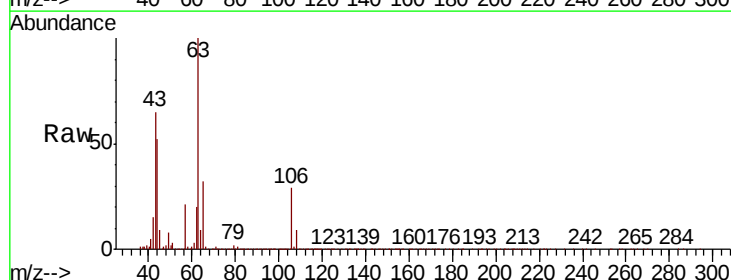
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0218WBSD01

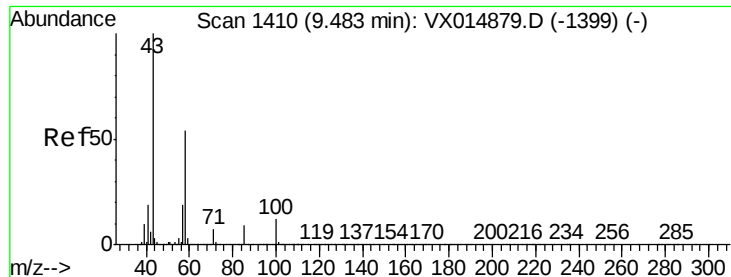
Tot Ion: 76 Resp: 152219
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 93.431 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX014950.D
 Acq: 18 Feb 2020 11:38

Tgt Ion: 63 Resp: 338133
 Ion Ratio Lower Upper
 63 100
 106 29.9 23.8 35.8

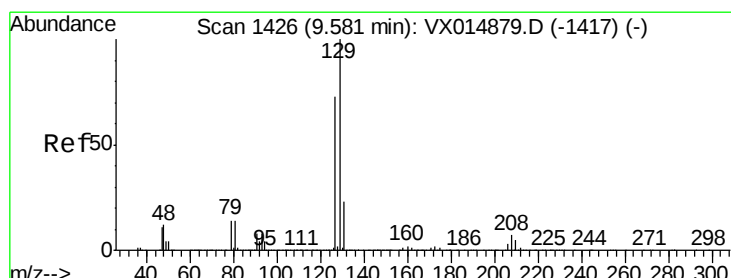
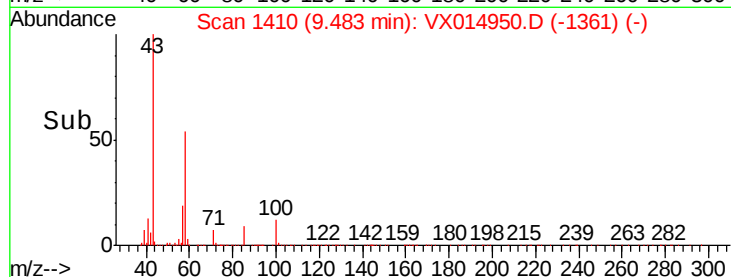
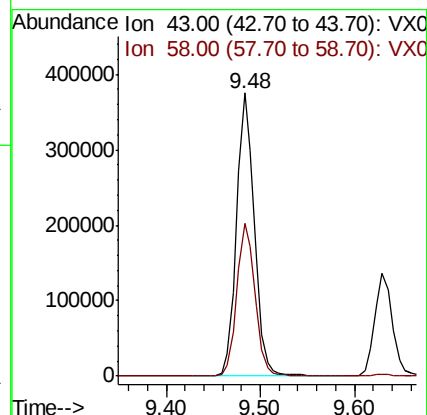
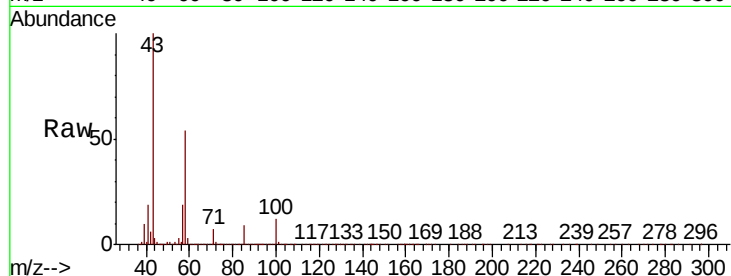




#59
2-Hexanone
Concen: 100.498 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX014950.D
Acq: 18 Feb 2020 11:38

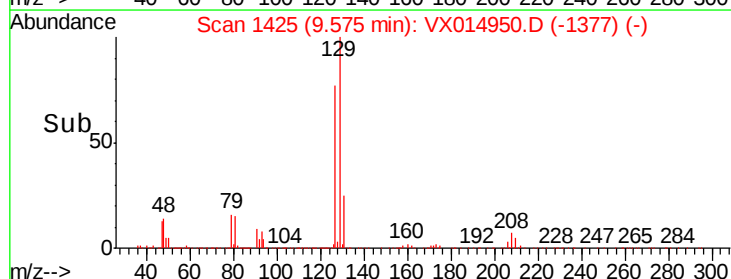
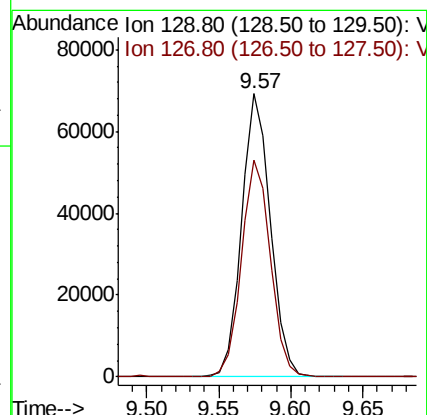
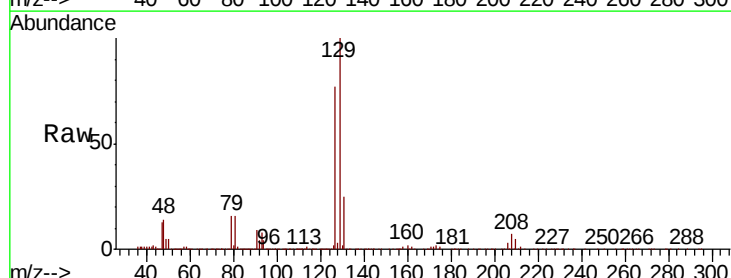
Instrument :
MSVOA_X
ClientSampleId :
VX0218WBSD01

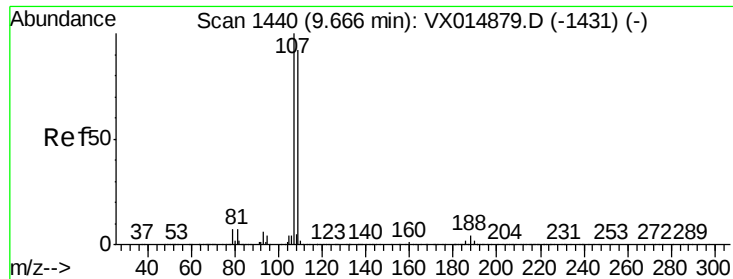
Tot Ion: 43 Resp: 492104
Ion Ratio Lower Upper
43 100
58 55.3 27.5 82.5



#60
Dibromochloromethane
Concen: 19.408 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014950.D
Acq: 18 Feb 2020 11:38

Tgt Ion:129 Resp: 96156
Ion Ratio Lower Upper
129 100
127 77.0 37.8 113.3





#61

1,2-Dibromoethane

Concen: 19.323 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX014950.D

Acq: 18 Feb 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

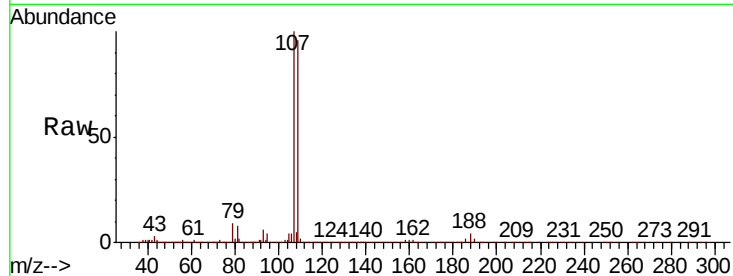
VX0218WBSD01

Tot Ion:107 Resp: 95989

Ion Ratio Lower Upper

107 100

109 94.0 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

80000

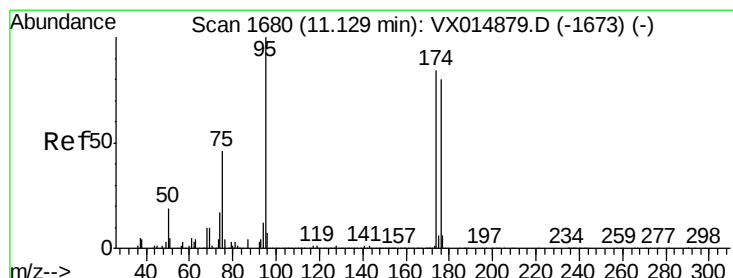
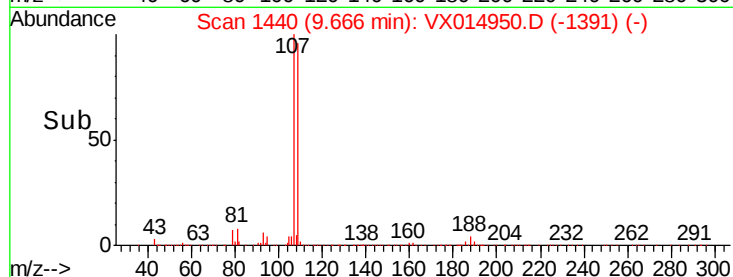
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.491 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX014950.D

Acq: 18 Feb 2020 11:38

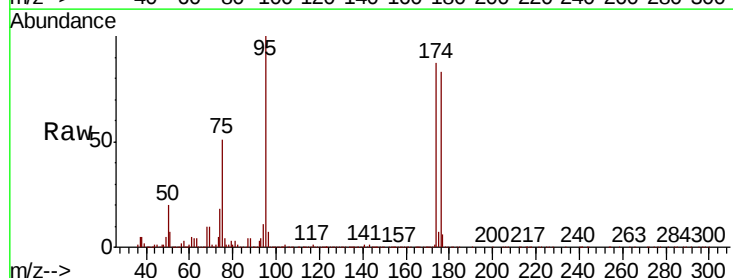
Tgt Ion: 95 Resp: 280451

Ion Ratio Lower Upper

95 100

174 92.7 0.0 183.0

176 89.0 0.0 178.0



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

300000

250000

200000

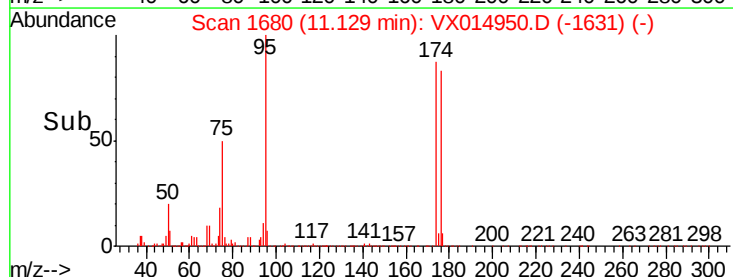
150000

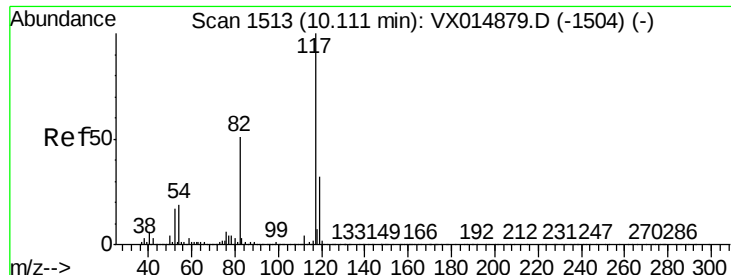
100000

50000

0

Time-->

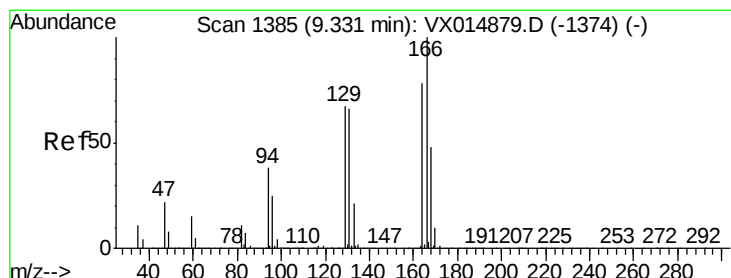
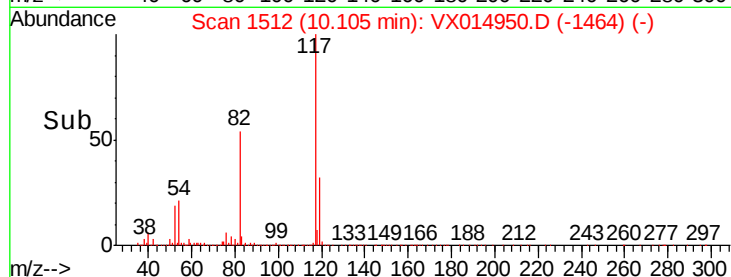
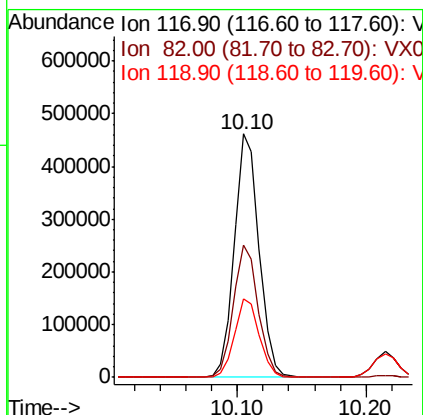
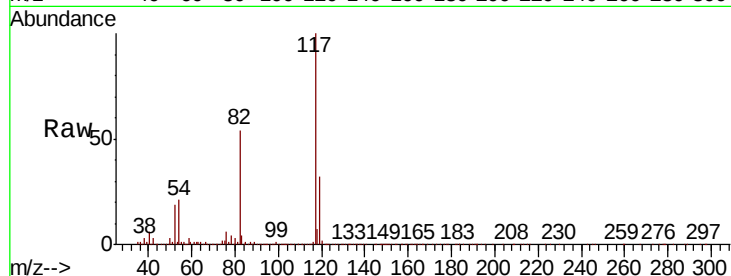




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014950.D
Acq: 18 Feb 2020 11:38

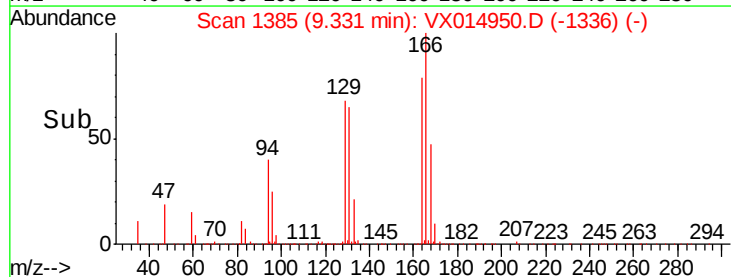
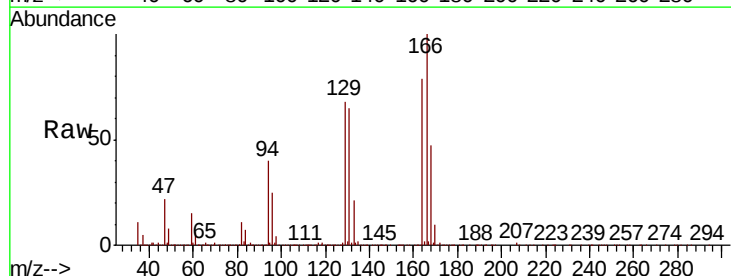
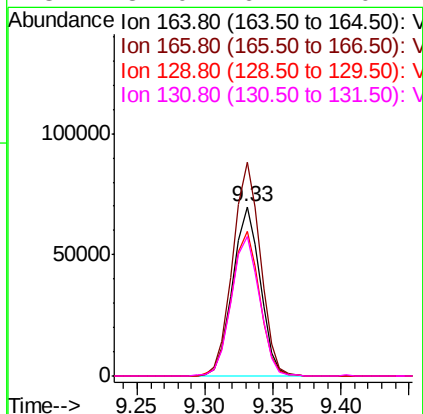
Instrument :
MSVOA_X
ClientSampleId :
VX0218WBSD01

Tot Ion:117 Resp: 615433
Ion Ratio Lower Upper
117 100
82 54.2 40.5 60.7
119 32.3 25.8 38.6



#64
Tetrachloroethene
Concen: 17.199 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX014950.D
Acq: 18 Feb 2020 11:38

Tgt Ion:164 Resp: 98966
Ion Ratio Lower Upper
164 100
166 126.0 102.6 153.8
129 85.9 68.3 102.5
131 82.0 67.4 101.2





#65

Chlorobenzene

Concen: 18.847 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX014950.D

Acq: 18 Feb 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

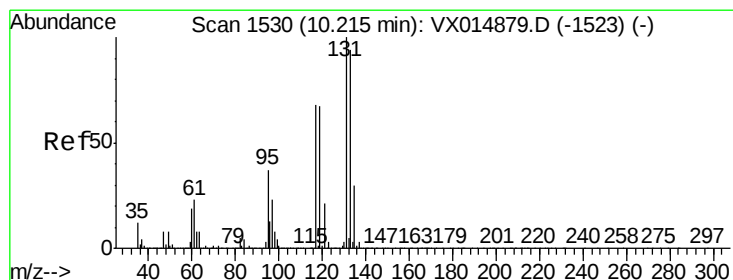
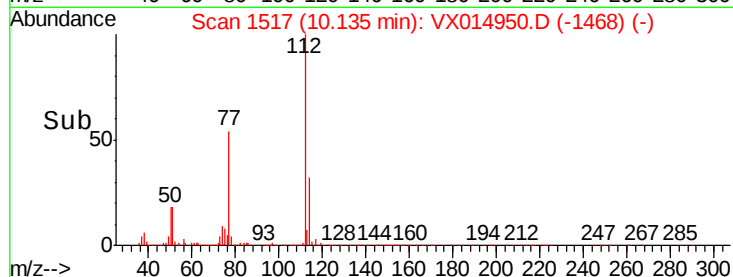
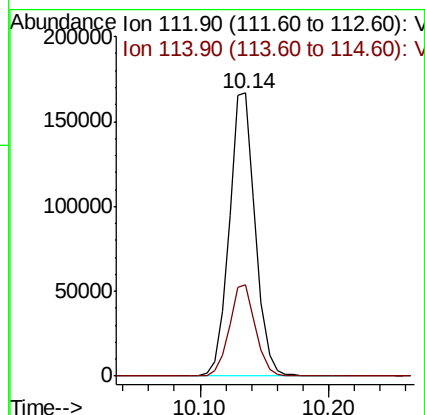
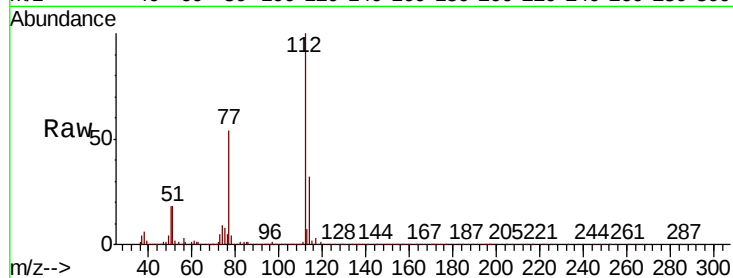
VX0218WBSD01

Tot Ion:112 Resp: 235258

Ion Ratio Lower Upper

112 100

114 32.4 25.6 38.4



#66

1,1,1,2-Tetrachloroethane

Concen: 20.044 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX014950.D

Acq: 18 Feb 2020 11:38

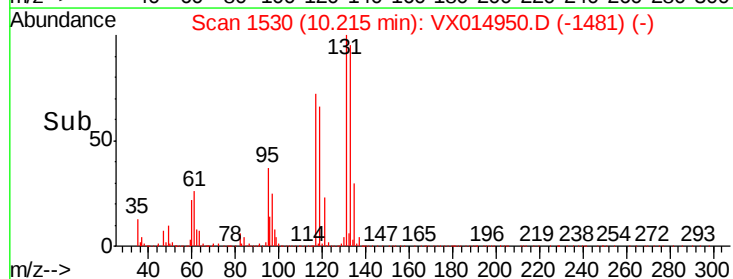
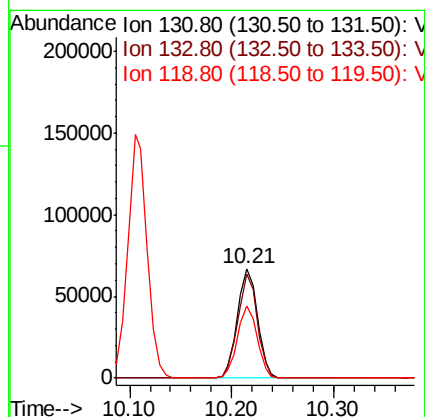
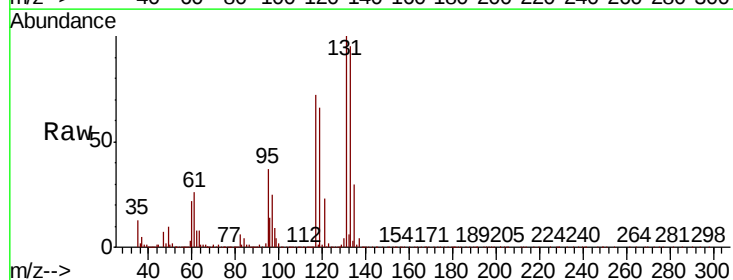
Tgt Ion:131 Resp: 90835

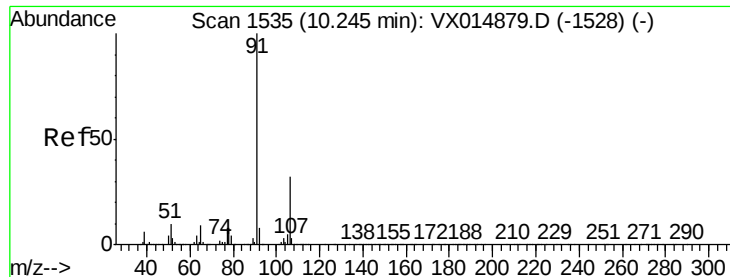
Ion Ratio Lower Upper

131 100

133 92.6 48.1 144.4

119 64.9 33.0 99.0

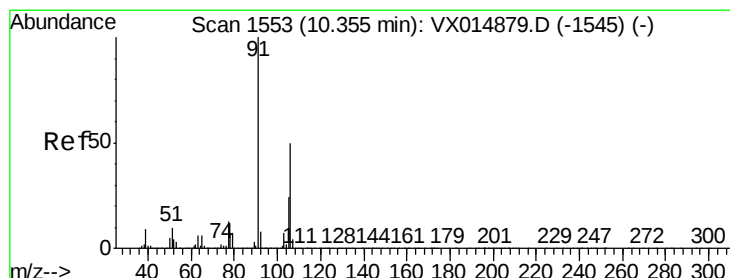
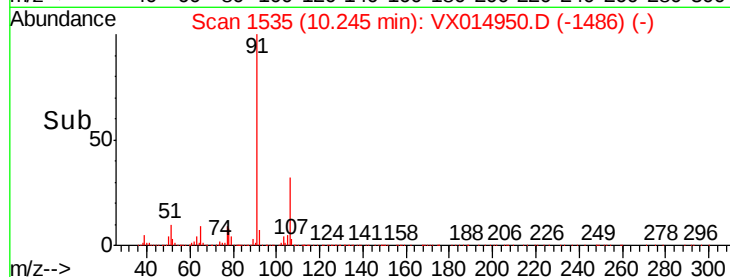
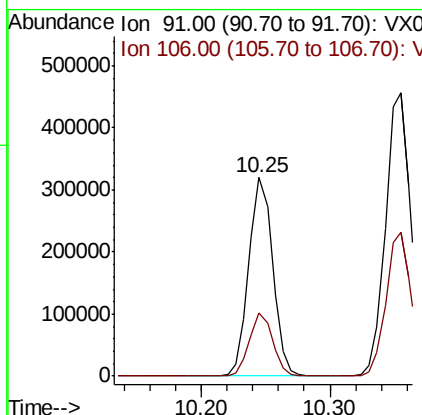
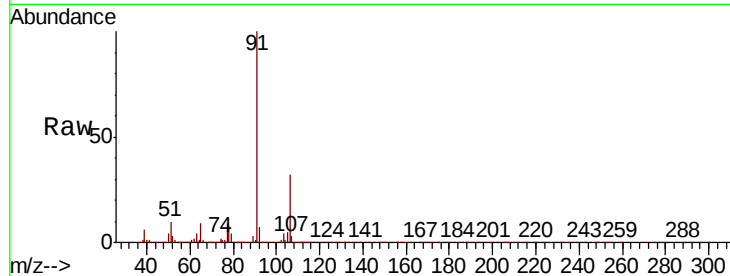




#67
Ethyl Benzene
Concen: 19.328 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX014950.D
Acq: 18 Feb 2020 11:38

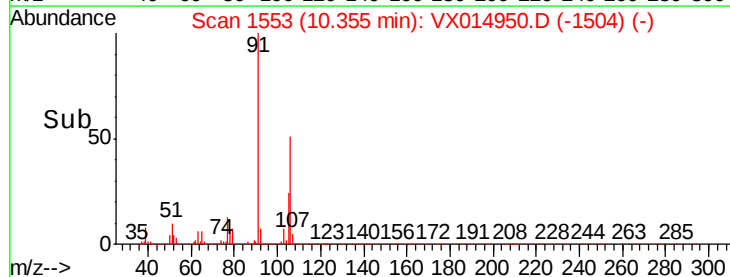
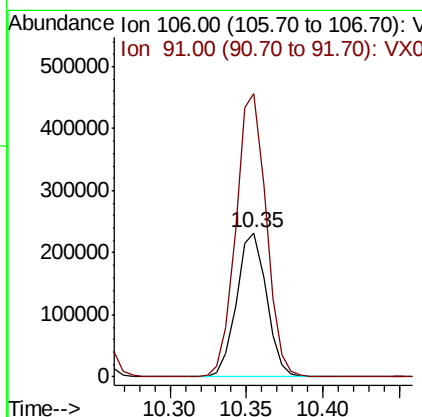
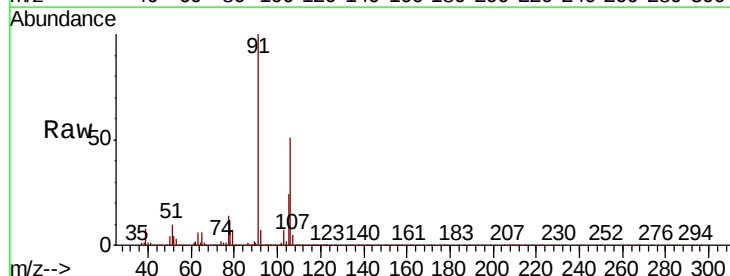
Instrument :
MSVOA_X
ClientSampleId :
VX0218WBSD01

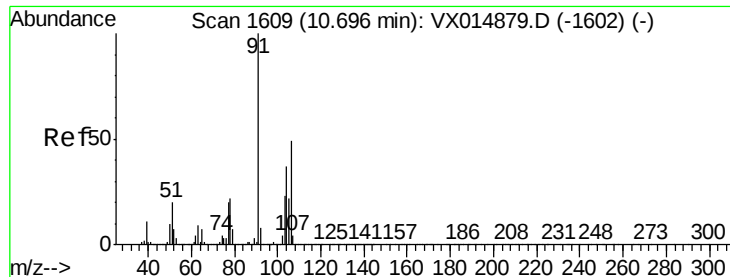
Tot Ion: 91 Resp: 410314
Ion Ratio Lower Upper
91 100
106 32.0 25.3 37.9



#68
m/p-Xylenes
Concen: 38.428 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX014950.D
Acq: 18 Feb 2020 11:38

Tgt Ion: 106 Resp: 314270
Ion Ratio Lower Upper
106 100
91 199.5 160.6 240.8

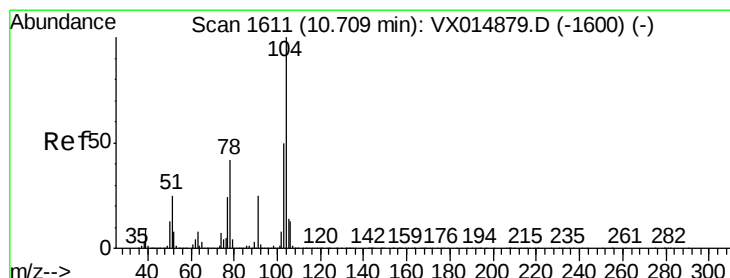
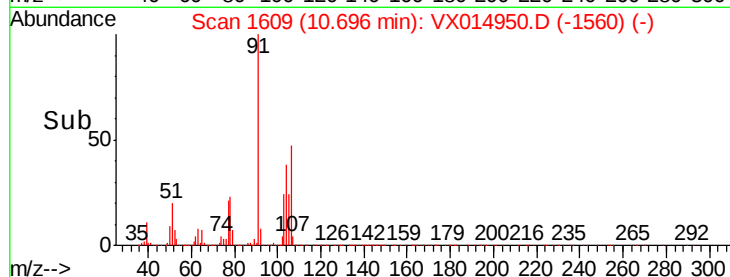
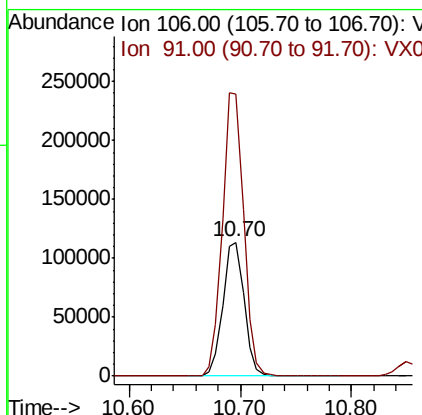
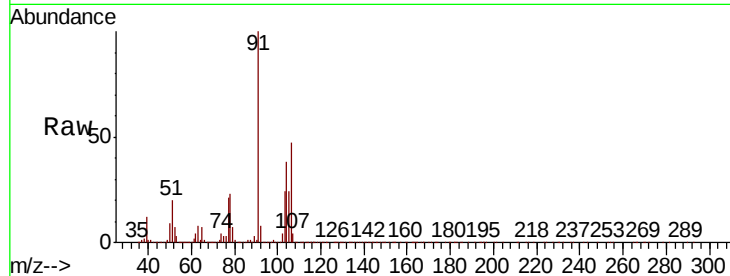




#69
o-Xylene
Concen: 19.145 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX014950.D
Acq: 18 Feb 2020 11:38

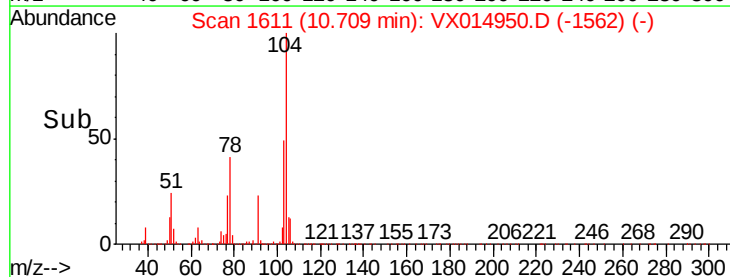
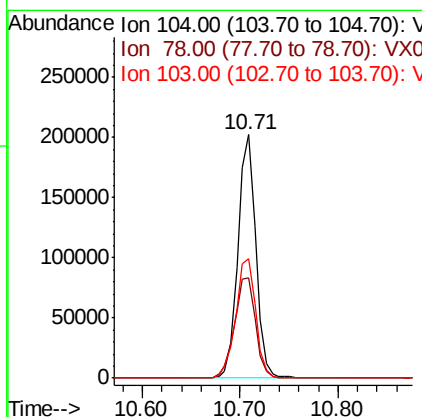
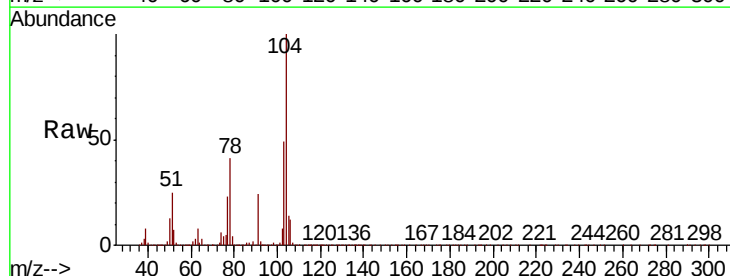
Instrument :
MSVOA_X
ClientSampleId :
VX0218WBSD01

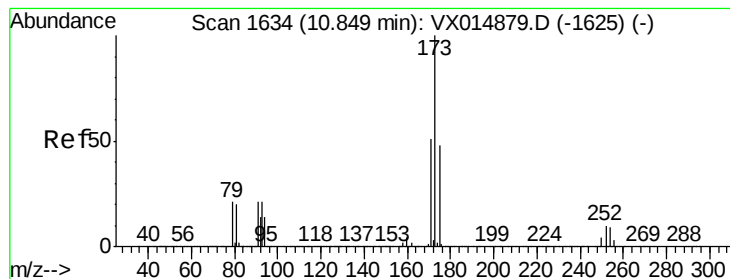
Tot Ion:106 Resp: 150505
Ion Ratio Lower Upper
106 100
91 211.9 105.1 315.3



#70
Styrene
Concen: 19.286 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX014950.D
Acq: 18 Feb 2020 11:38

Tgt Ion:104 Resp: 256493
Ion Ratio Lower Upper
104 100
78 48.8 39.0 58.4
103 54.8 43.4 65.0





#71

Bromoform

Concen: 19.587 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VX014950.D

Acq: 18 Feb 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX0218WBSD01

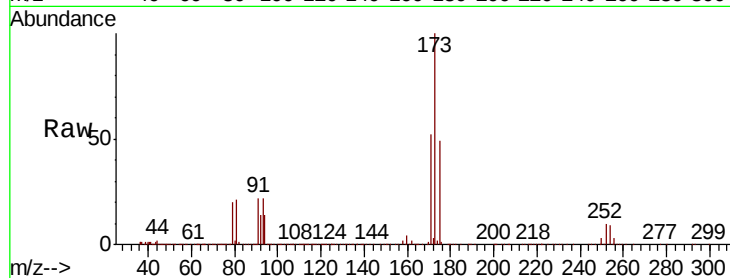
Tot Ion:173 Resp: 74091

Ion Ratio Lower Upper

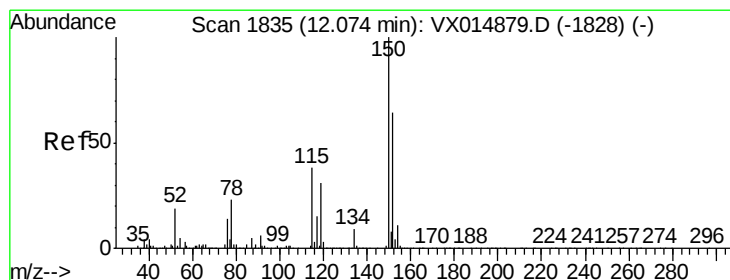
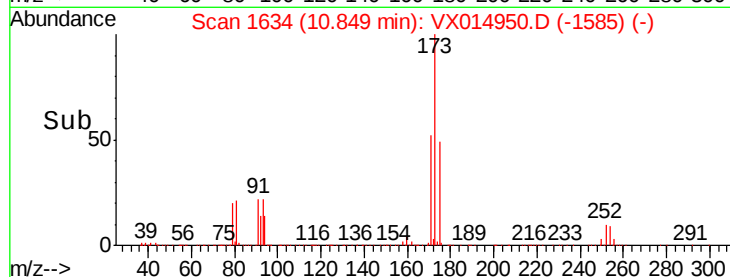
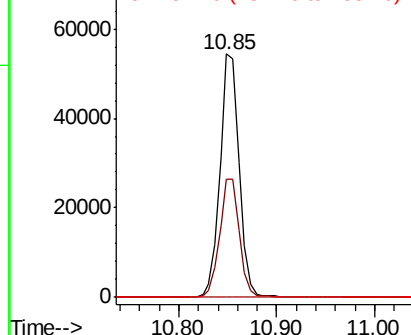
173 100

175 50.2 24.2 72.6

254 0.3 0.2 0.2#



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: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX014950.D

Acq: 18 Feb 2020 11:38

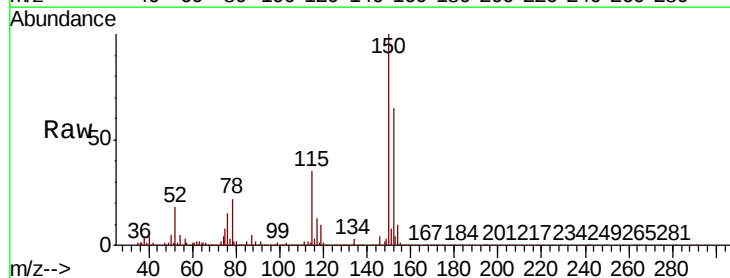
Tgt Ion:152 Resp: 324308

Ion Ratio Lower Upper

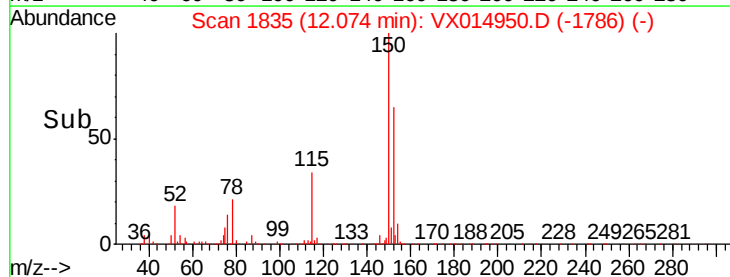
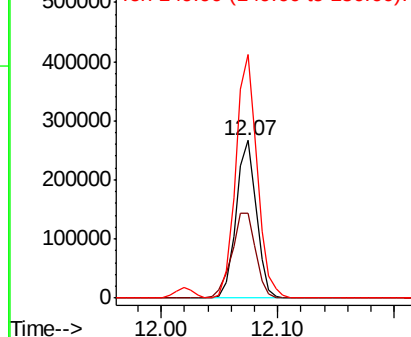
152 100

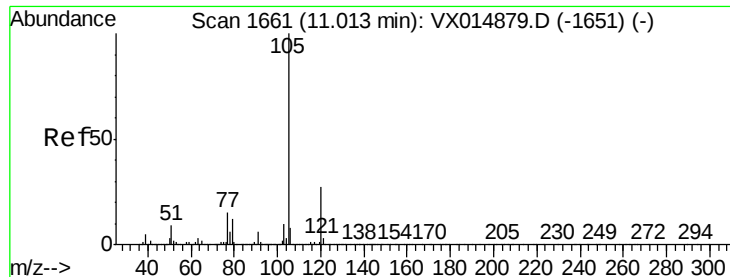
115 63.5 38.6 116.0

150 162.6 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: 19.927 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX014950.D

Acq: 18 Feb 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

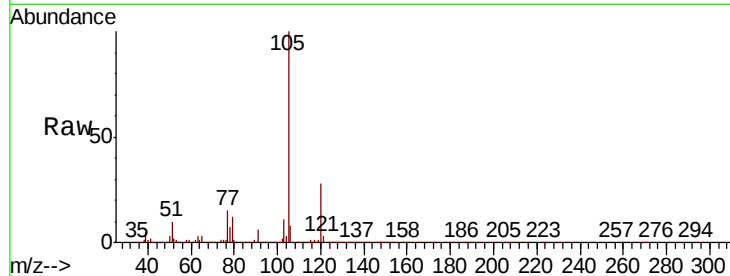
VX0218WBSD01

Tot Ion:105 Resp: 405267

Ion Ratio Lower Upper

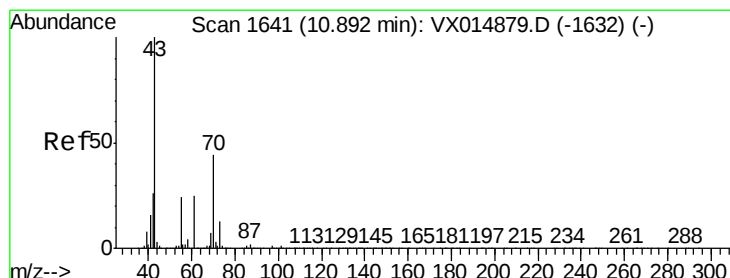
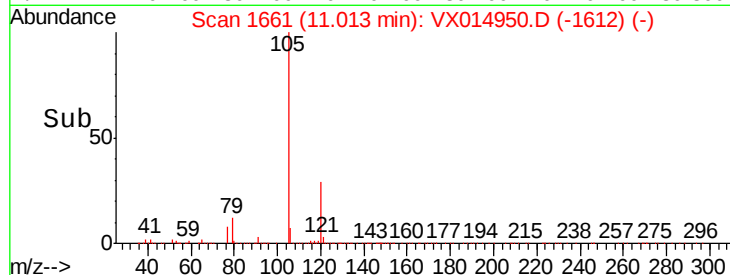
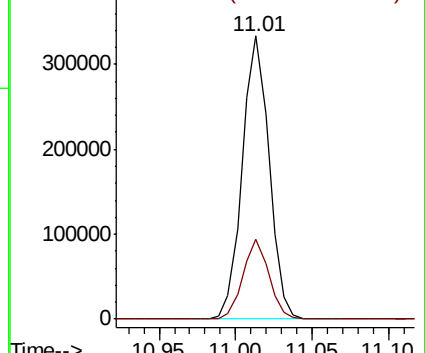
105 100

120 27.4 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.021 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX014950.D

Acq: 18 Feb 2020 11:38

Tgt Ion: 43 Resp: 169185

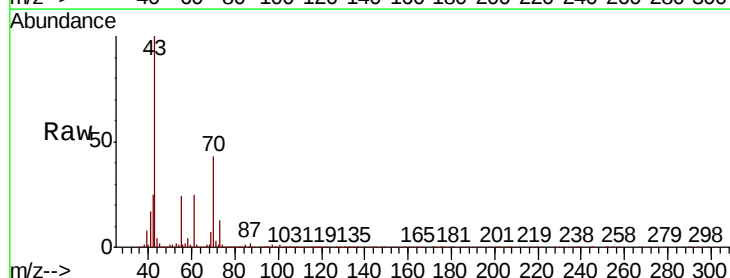
Ion Ratio Lower Upper

43 100

70 43.6 35.0 52.4

55 24.5 19.4 29.2

61 24.2 19.8 29.6

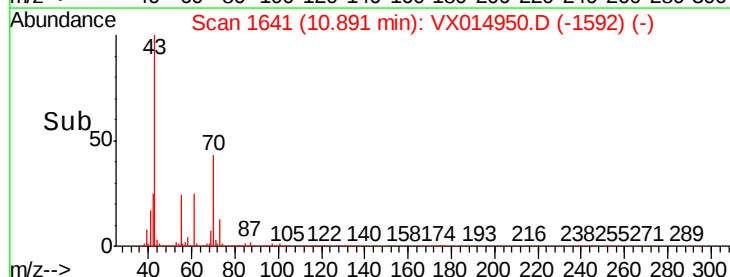
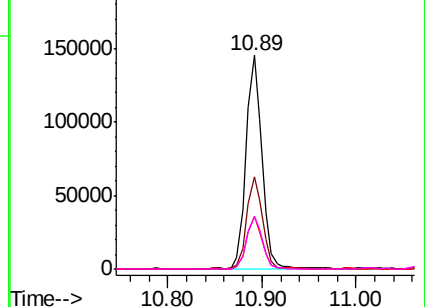


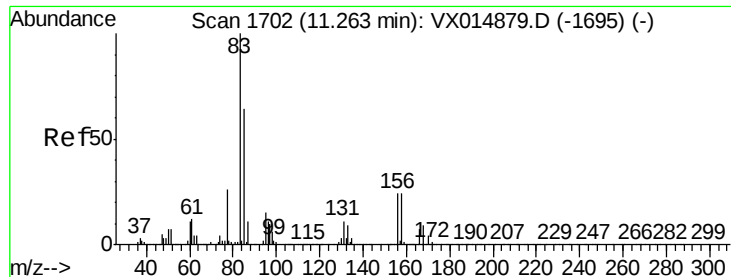
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.003 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX014950.D

Acq: 18 Feb 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX0218WBSD01

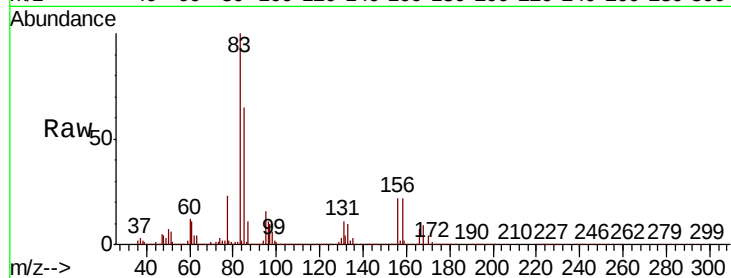
Tot Ion: 83 Resp: 132987

Ion Ratio Lower Upper

83 100

131 11.0 5.3 16.1

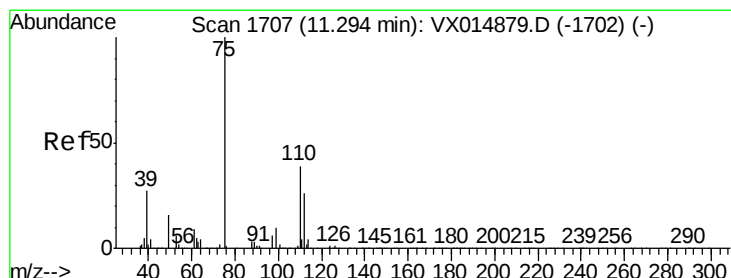
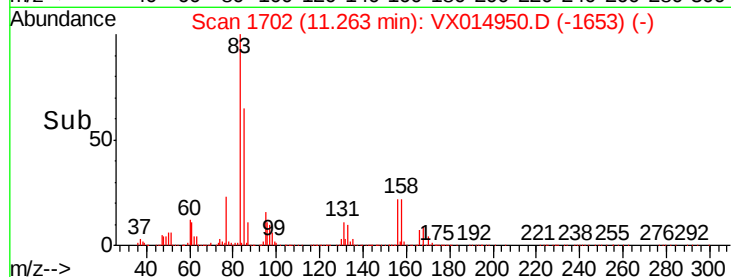
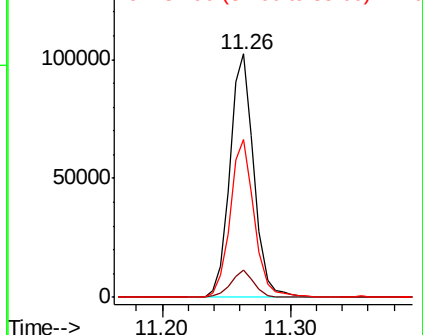
85 64.8 32.6 97.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 26.394 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014950.D

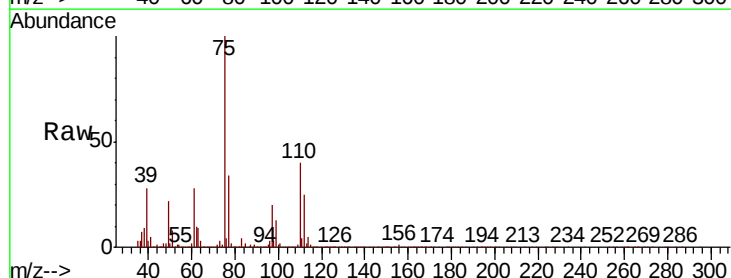
Acq: 18 Feb 2020 11:38

Tgt Ion: 75 Resp: 154786

Ion Ratio Lower Upper

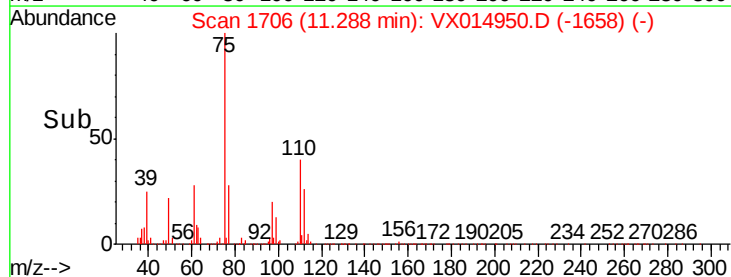
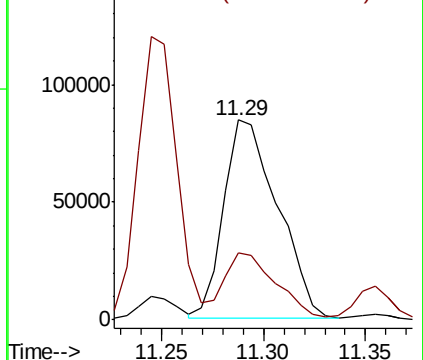
75 100

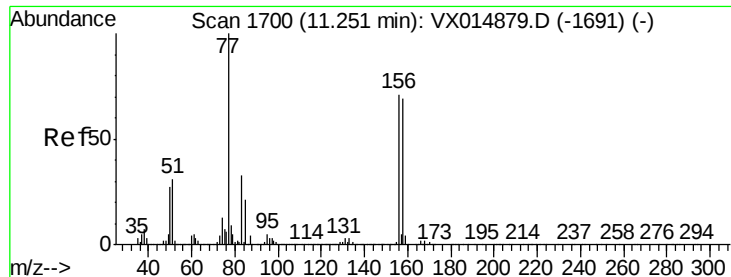
77 33.0 18.4 55.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.507 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX014950.D

Acq: 18 Feb 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX0218WBSD01

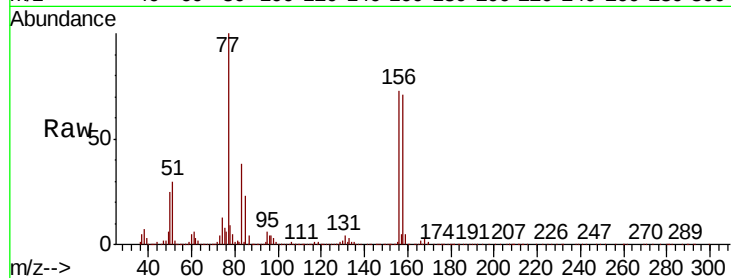
Tot Ion:156 Resp: 110732

Ion Ratio Lower Upper

156 100

77 143.2 74.0 222.0

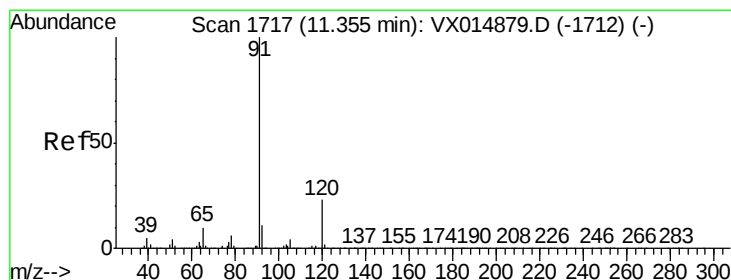
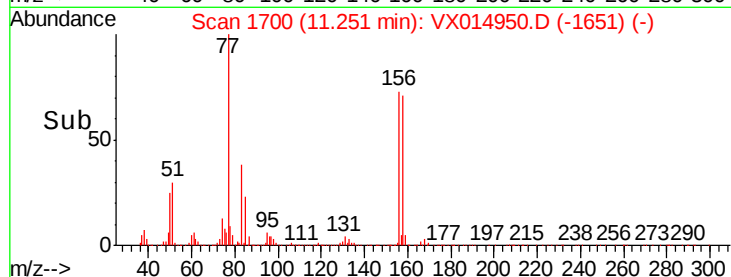
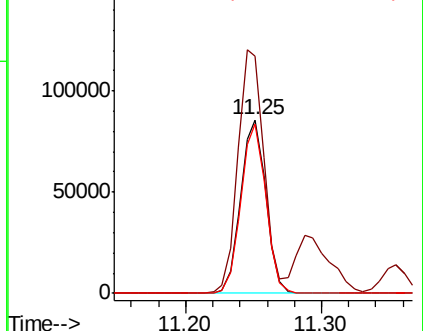
158 96.9 48.9 146.6



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: 19.755 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX014950.D

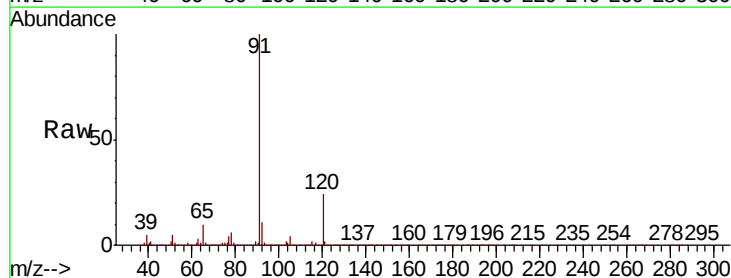
Acq: 18 Feb 2020 11:38

Tgt Ion: 91 Resp: 464697

Ion Ratio Lower Upper

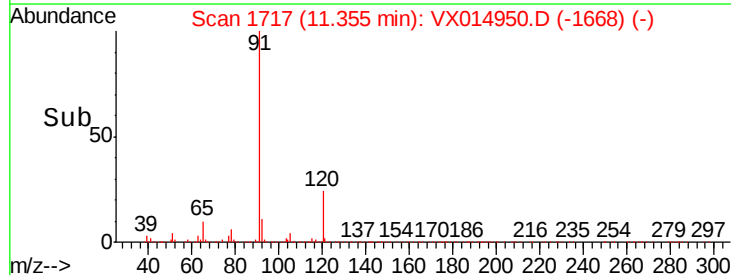
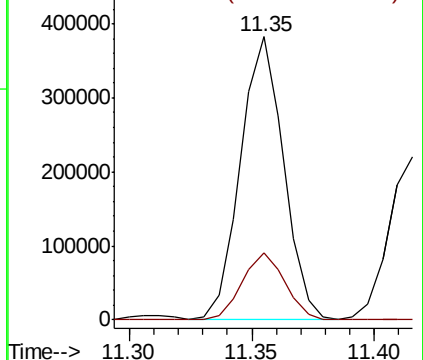
91 100

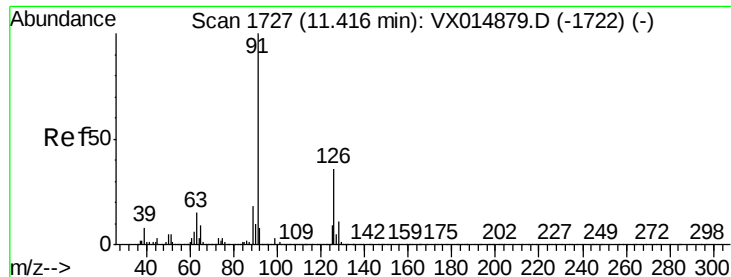
120 23.7 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

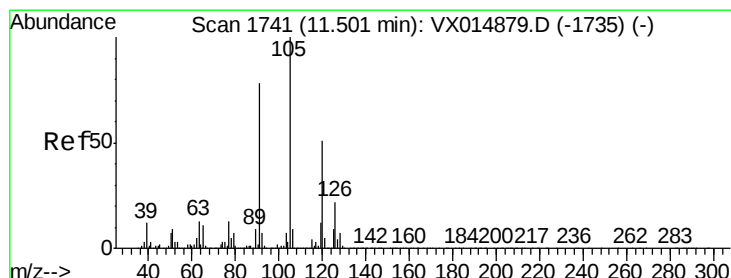
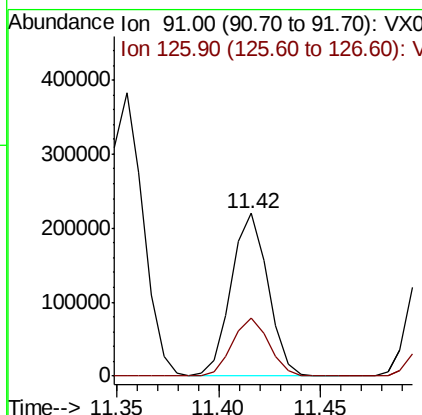
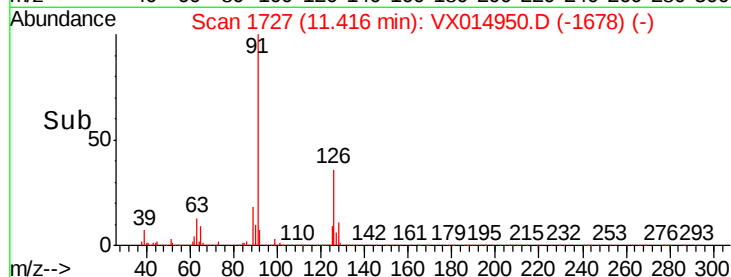
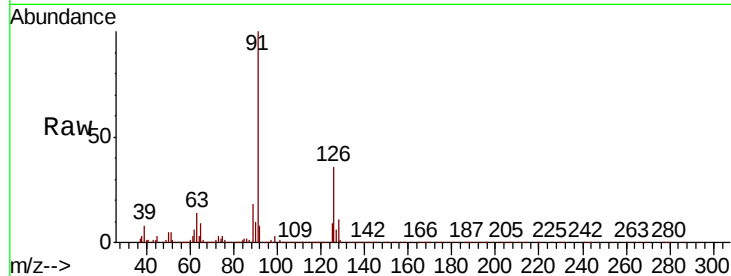




#79
2-Chlorotoluene
Concen: 19.780 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VX014950.D
Acq: 18 Feb 2020 11:38

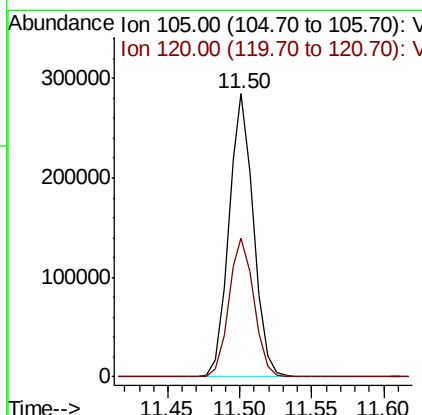
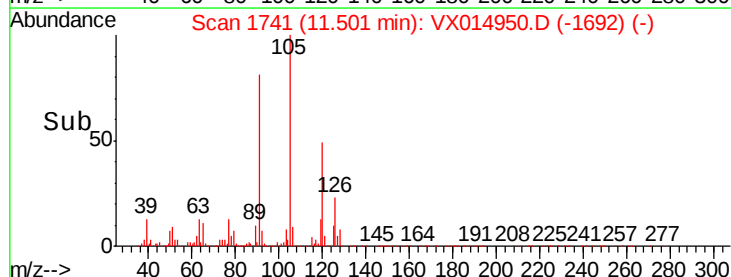
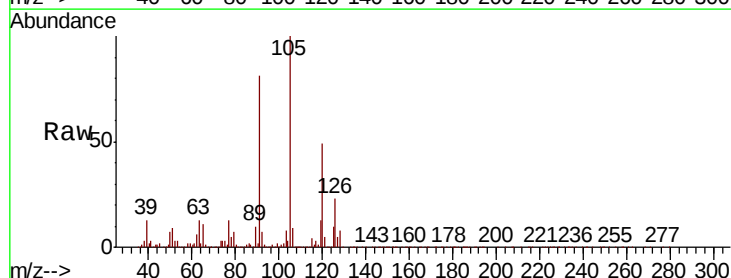
Instrument :
MSVOA_X
ClientSampleId :
VX0218WBSD01

Tot Ion: 91 Resp: 273539
Ion Ratio Lower Upper
91 100
126 35.4 18.0 54.0



#80
1,3,5-Trimethylbenzene
Concen: 19.940 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX014950.D
Acq: 18 Feb 2020 11:38

Tgt Ion: 105 Resp: 338852
Ion Ratio Lower Upper
105 100
120 50.4 25.6 76.6





#81

trans-1,4-Dichloro-2-butene

Concen: 18.714 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX014950.D

Acq: 18 Feb 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX0218WBSD01

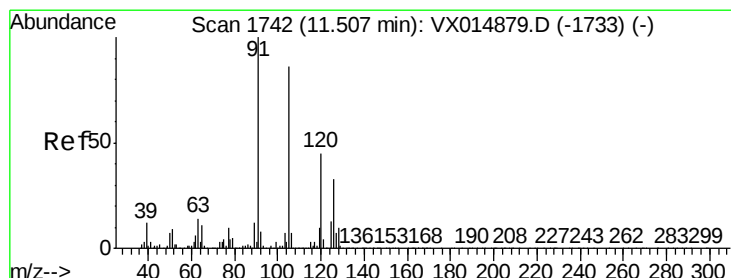
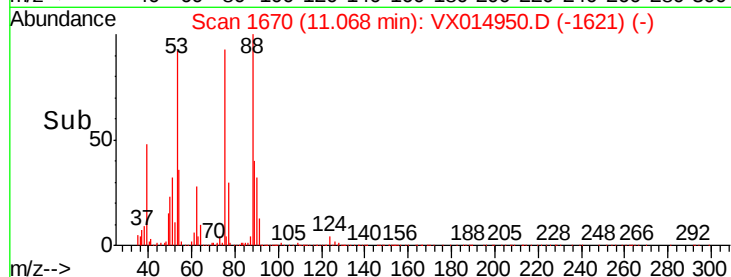
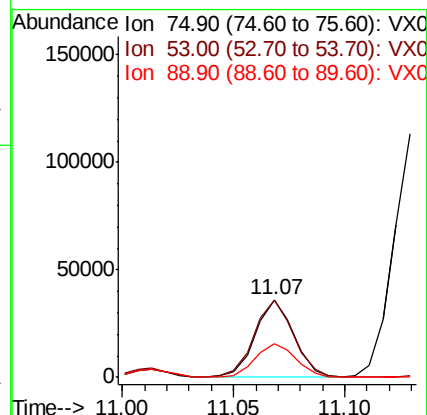
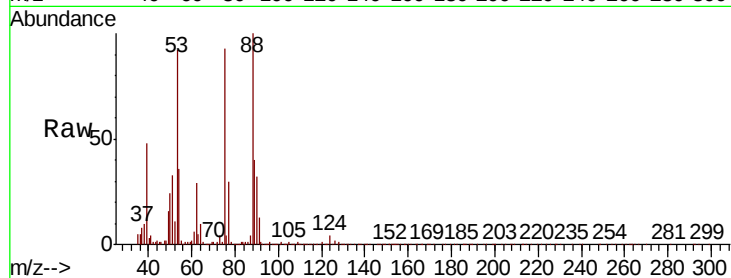
Tot Ion: 75 Resp: 42876

Ion Ratio Lower Upper

75 100

53 103.1 76.2 114.2

89 47.7 35.8 53.6



#82

4-Chlorotoluene

Concen: 19.410 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX014950.D

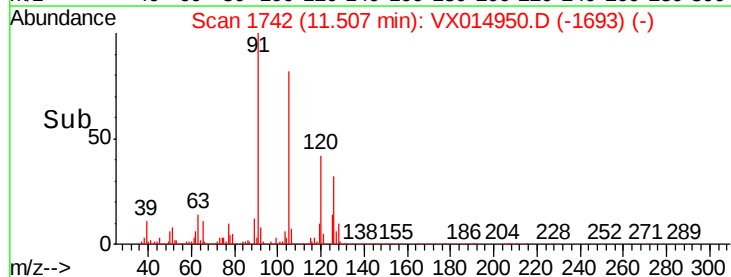
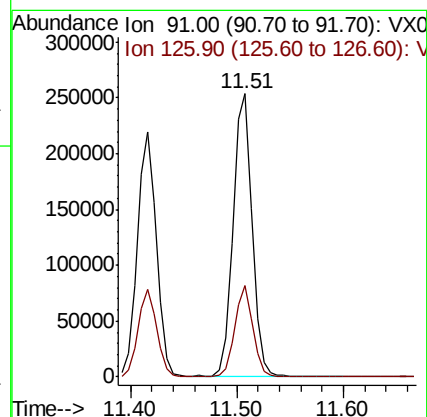
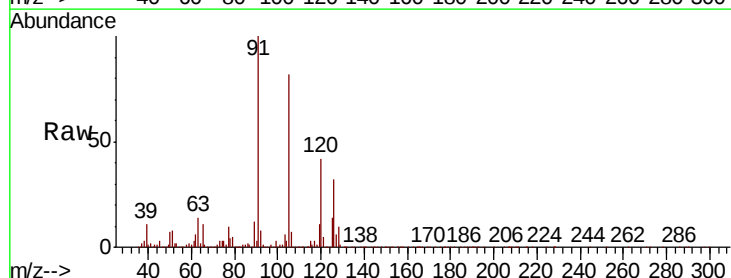
Acq: 18 Feb 2020 11:38

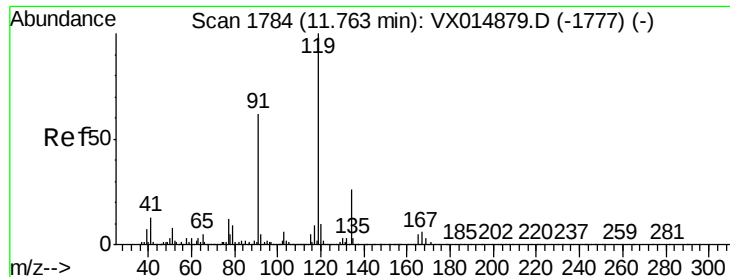
Tgt Ion: 91 Resp: 317871

Ion Ratio Lower Upper

91 100

126 30.5 15.7 47.0

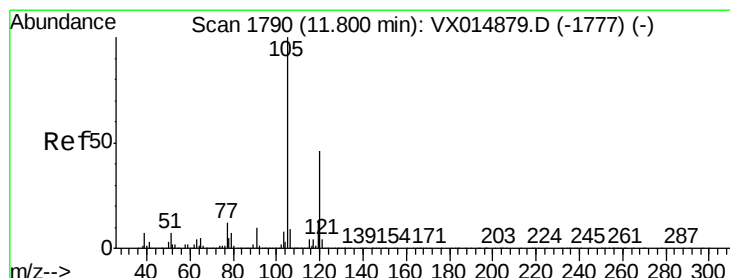
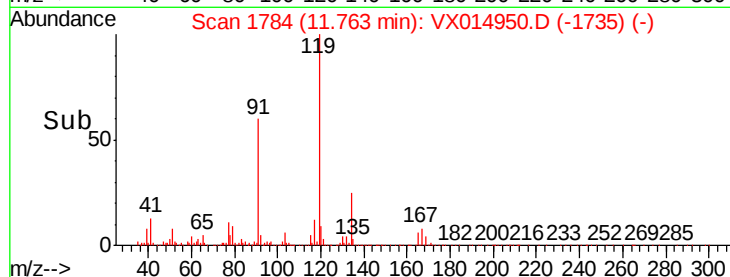
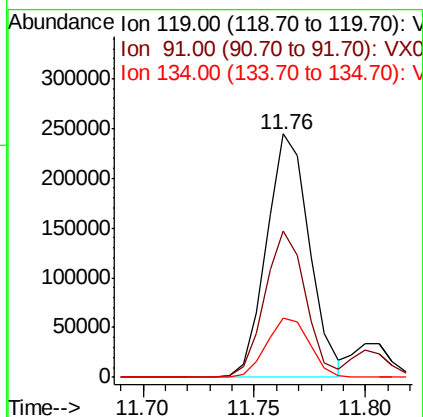
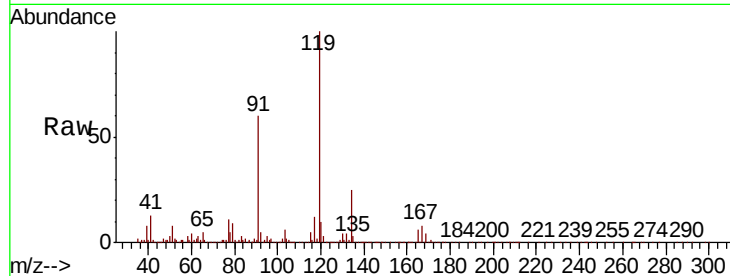




#83
tert-Butylbenzene
Concen: 20.278 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX014950.D
Acq: 18 Feb 2020 11:38

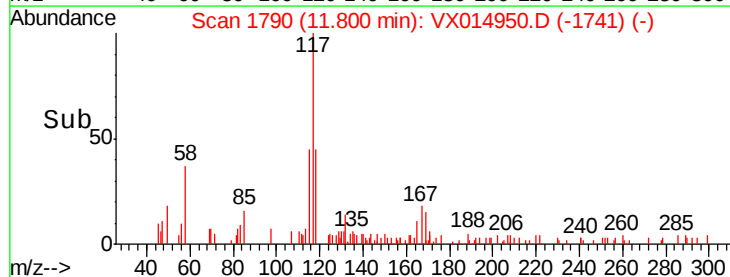
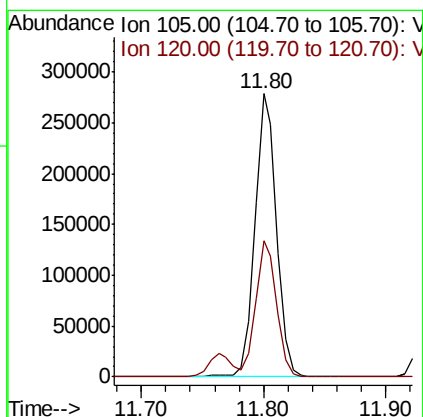
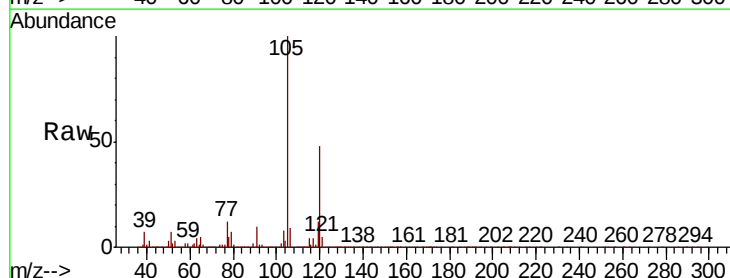
Instrument :
MSVOA_X
ClientSampleId :
VX0218WBSD01

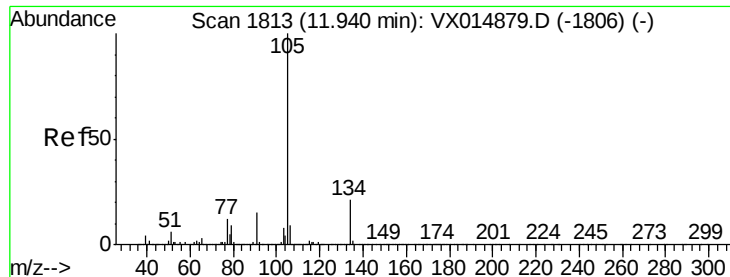
Tot Ion:119 Resp: 326319
Ion Ratio Lower Upper
119 100
91 57.4 29.5 88.6
134 24.5 12.6 37.6



#84
1,2,4-Trimethylbenzene
Concen: 19.980 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX014950.D
Acq: 18 Feb 2020 11:38

Tgt Ion:105 Resp: 342158
Ion Ratio Lower Upper
105 100
120 46.6 23.0 69.0





#85

sec-Butylbenzene

Concen: 20.045 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX014950.D

Acq: 18 Feb 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

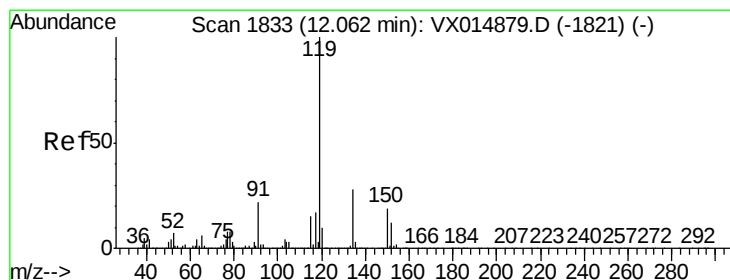
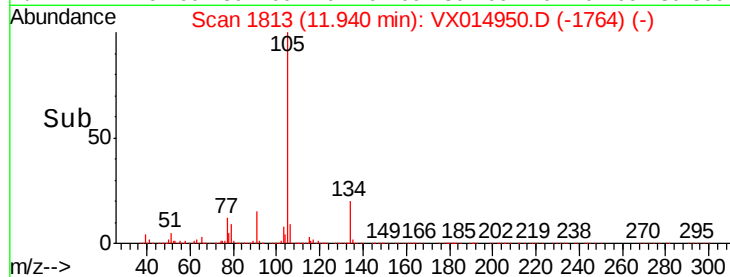
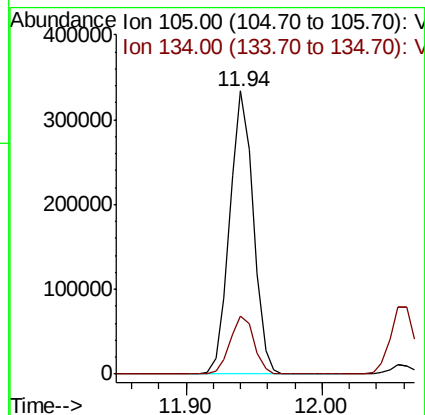
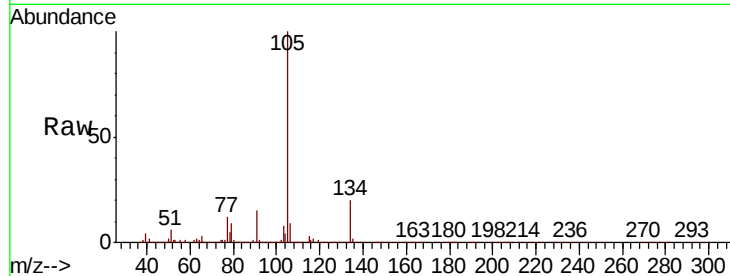
VX0218WBSD01

Tot Ion:105 Resp: 400722

Ion Ratio Lower Upper

105 100

134 20.8 10.6 31.8



#86

p-Isopropyltoluene

Concen: 19.941 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014950.D

Acq: 18 Feb 2020 11:38

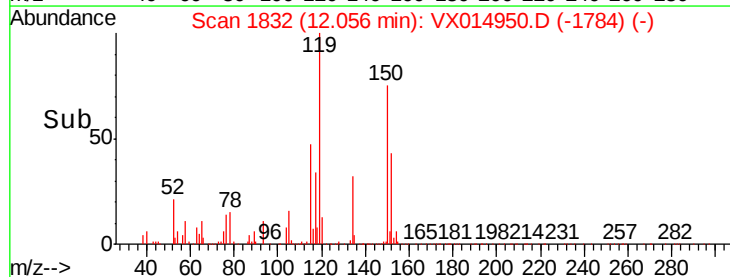
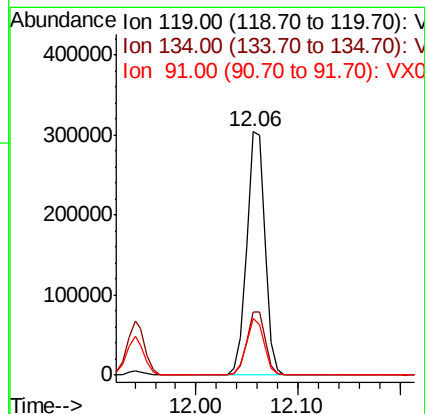
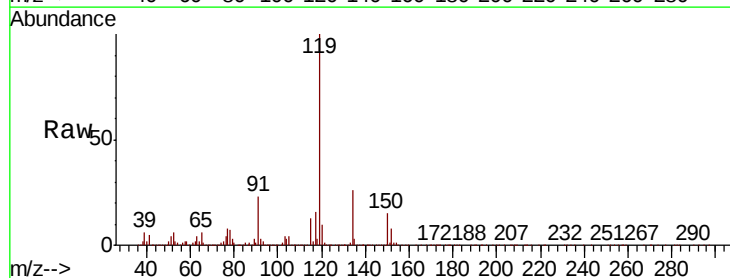
Tgt Ion:119 Resp: 373045

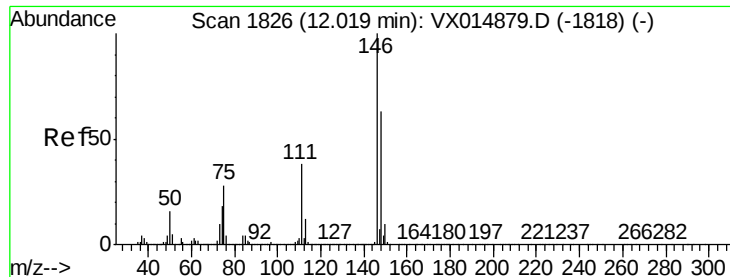
Ion Ratio Lower Upper

119 100

134 26.5 13.5 40.5

91 22.7 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 19.051 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX014950.D

Acq: 18 Feb 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX0218WBSD01

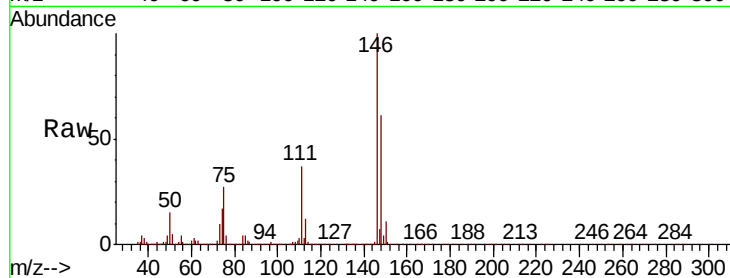
Tot Ion:146 Resp: 194006

Ion Ratio Lower Upper

146 100

111 37.3 18.6 56.0

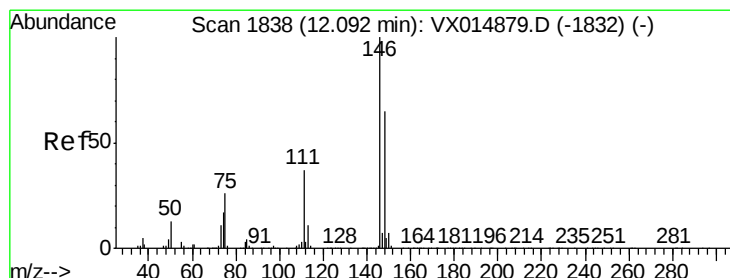
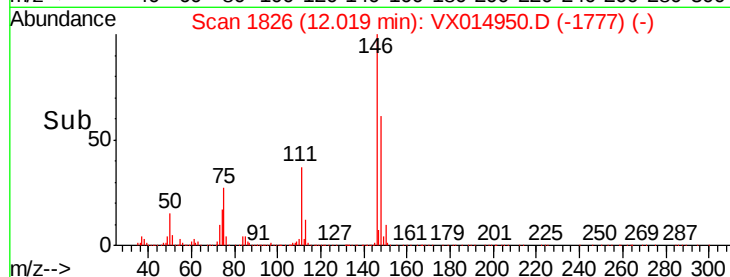
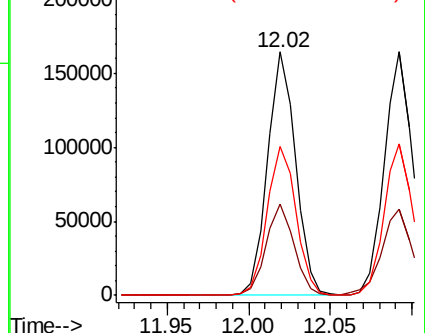
148 63.5 31.8 95.4



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: 19.042 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VX014950.D

Acq: 18 Feb 2020 11:38

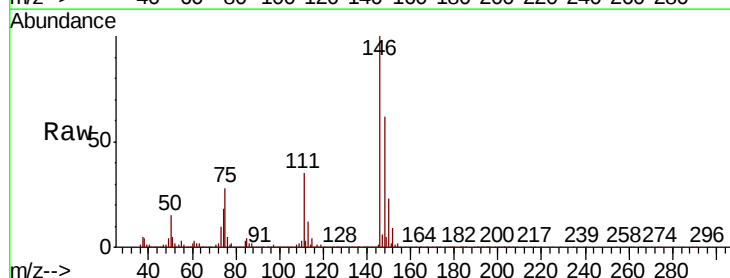
Tgt Ion:146 Resp: 198024

Ion Ratio Lower Upper

146 100

111 37.5 18.6 55.6

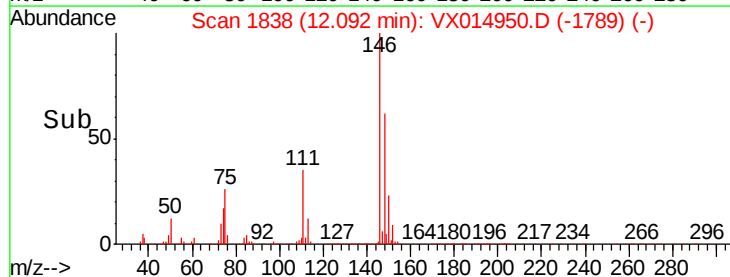
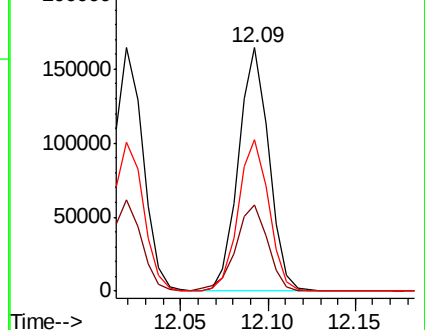
148 63.3 32.4 97.0

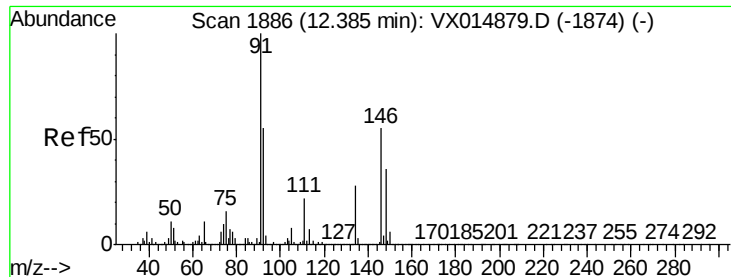


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 18.761 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX014950.D

Acq: 18 Feb 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX0218WBSD01

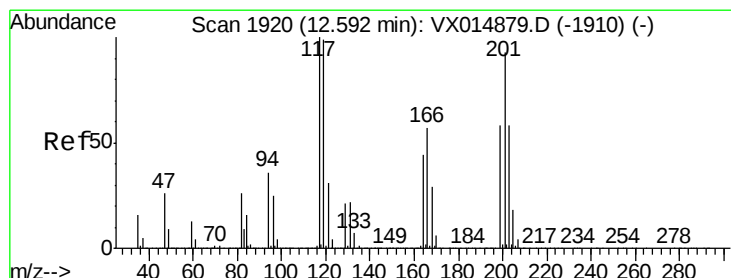
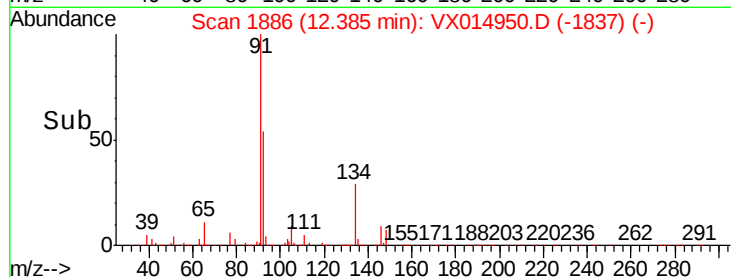
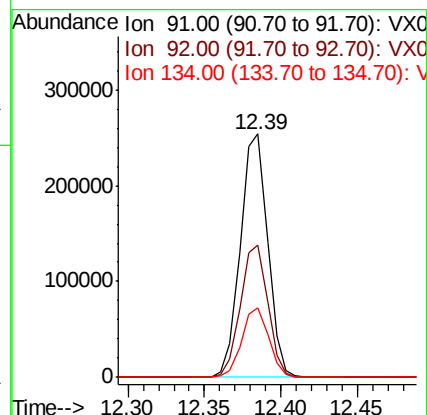
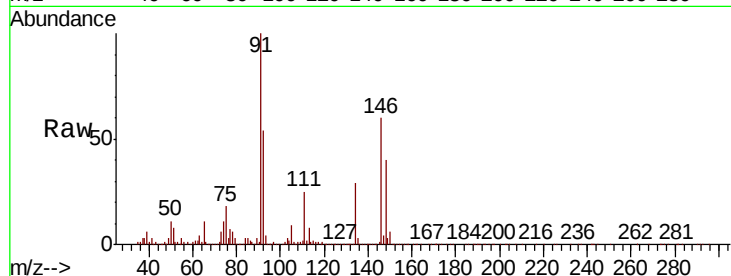
Tot Ion: 91 Resp: 314325

Ion Ratio Lower Upper

91 100

92 54.5 27.3 81.8

134 28.0 13.8 41.4



#90

Hexachloroethane

Concen: 19.433 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX014950.D

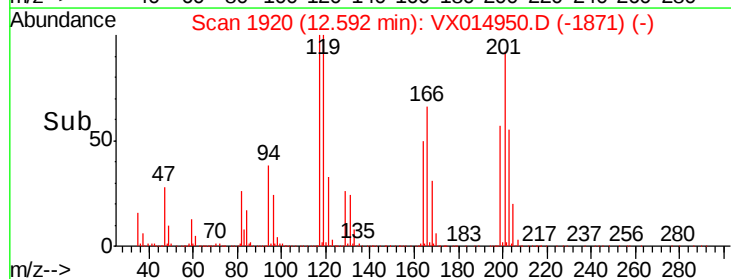
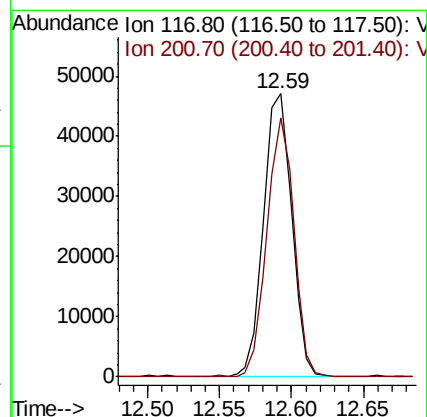
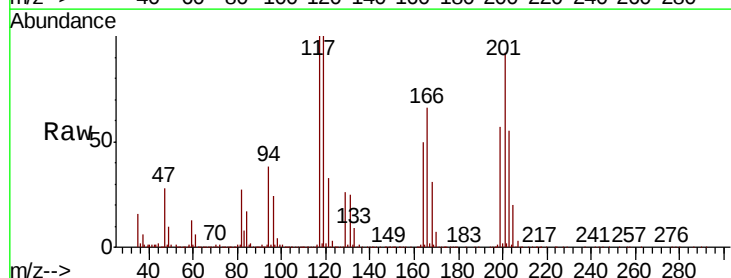
Acq: 18 Feb 2020 11:38

Tgt Ion: 117 Resp: 63487

Ion Ratio Lower Upper

117 100

201 88.3 44.8 134.3





#91

1,2-Dichlorobenzene

Concen: 19.140 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX014950.D

Acq: 18 Feb 2020 11:38

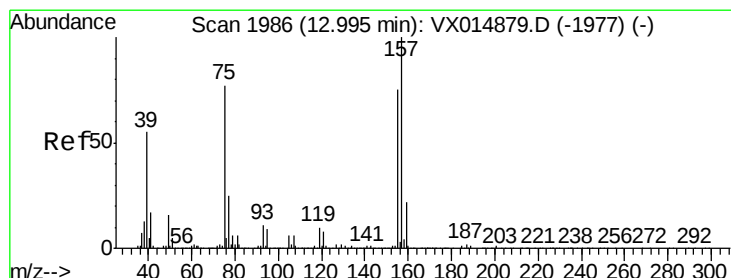
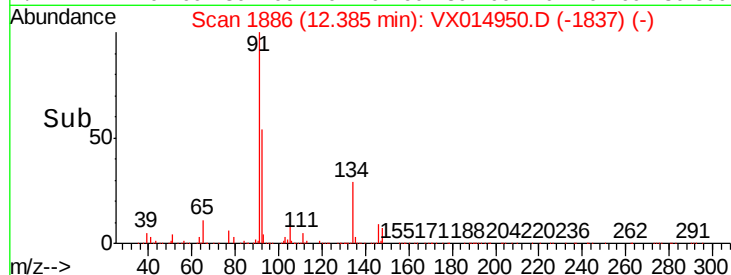
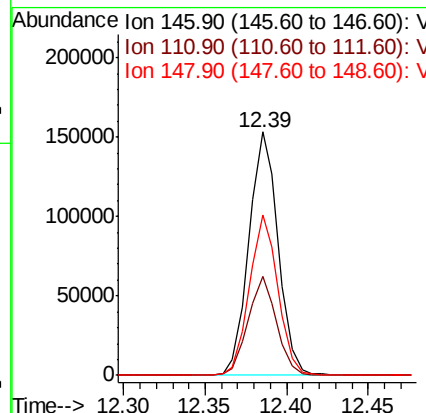
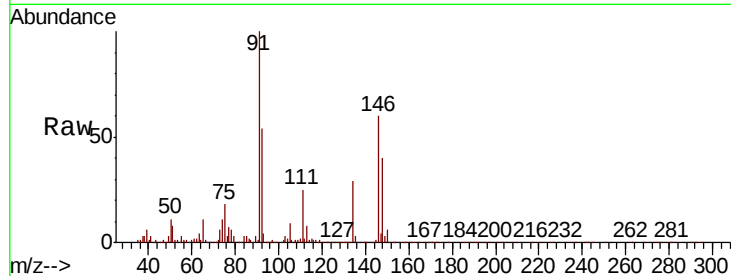
Instrument :

MSVOA_X

ClientSampleId :

VX0218WBSD01

Tot Ion:	146	Resp:	191147
Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.8	59.3
148	64.9	32.4	97.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.815 ug/l

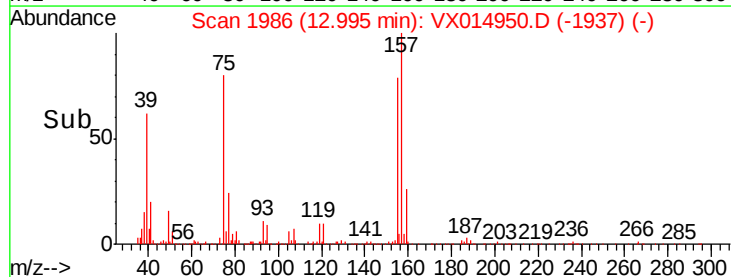
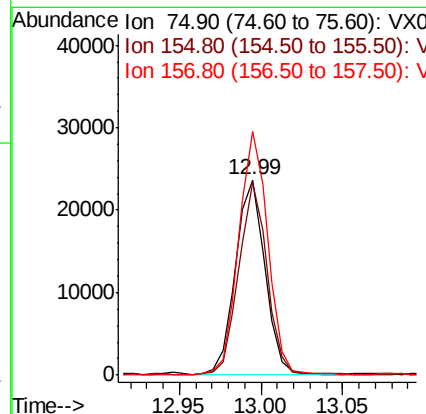
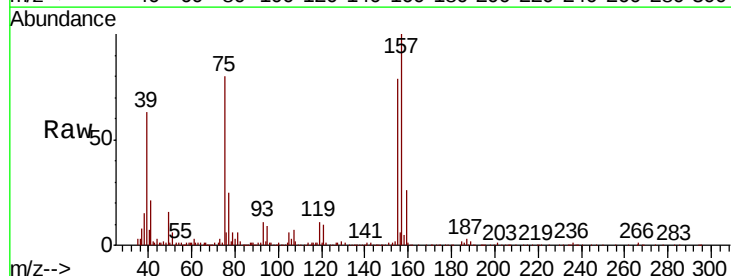
RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX014950.D

Acq: 18 Feb 2020 11:38

Tgt Ion:	75	Resp:	29346
Ion	Ratio	Lower	Upper
75	100		
155	95.9	48.6	145.9
157	126.1	62.0	186.0





#93

1,2,4-Trichlorobenzene

Concen: 18.784 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. -0.00 min

Lab File: VX014950.D

Acq: 18 Feb 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX0218WBSD01

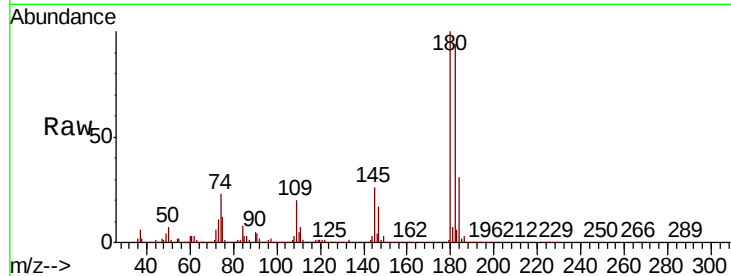
Tot Ion:180 Resp: 138463

Ion Ratio Lower Upper

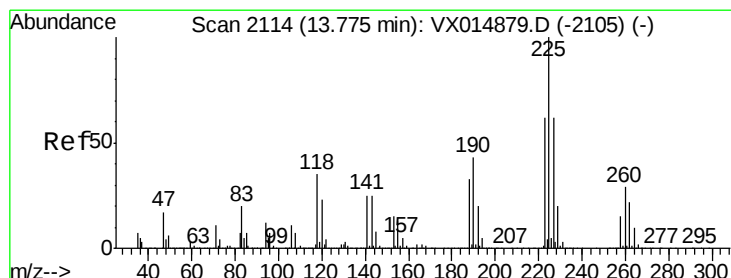
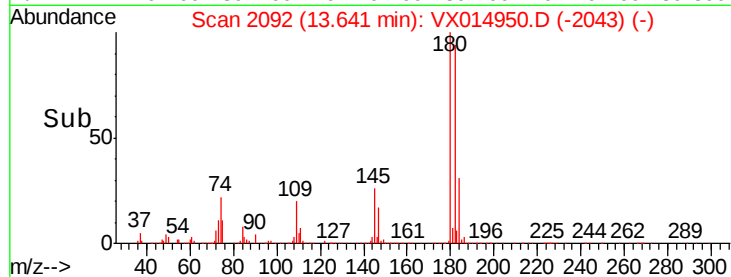
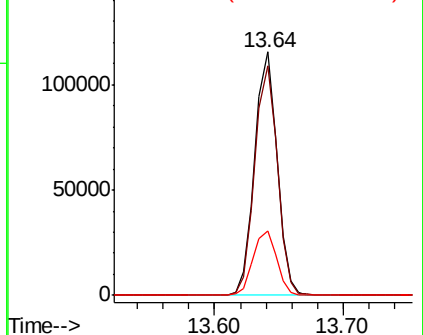
180 100

182 95.2 48.4 145.3

145 27.7 14.1 42.4



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



#94

Hexachlorobutadiene

Concen: 19.401 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. -0.00 min

Lab File: VX014950.D

Acq: 18 Feb 2020 11:38

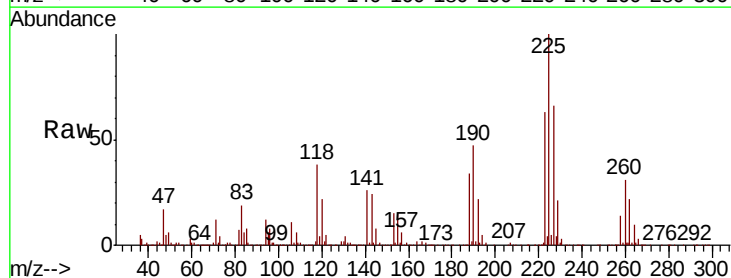
Tgt Ion:225 Resp: 69170

Ion Ratio Lower Upper

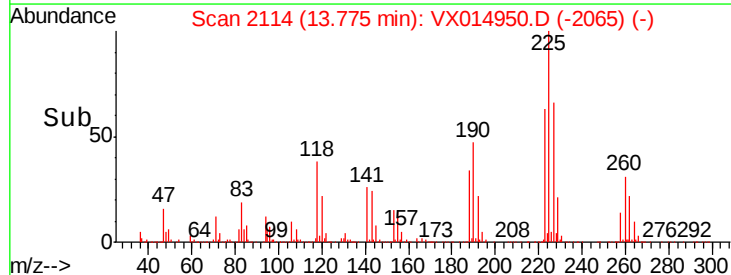
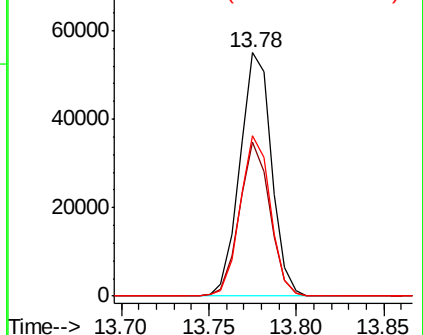
225 100

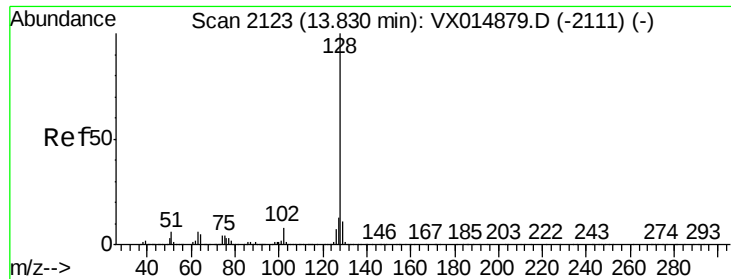
223 61.0 31.1 93.2

227 63.0 30.9 92.5



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V

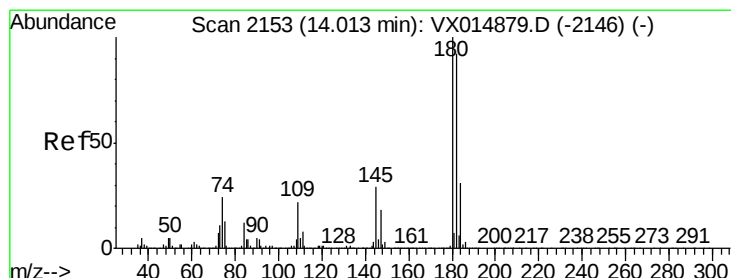
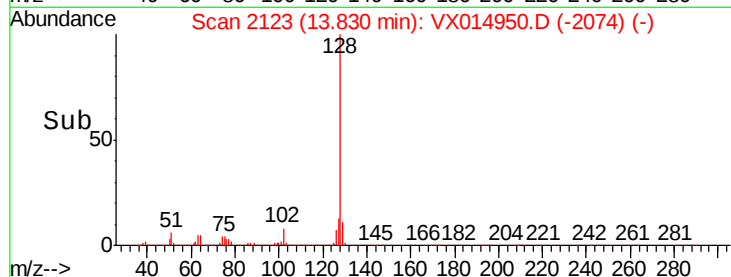
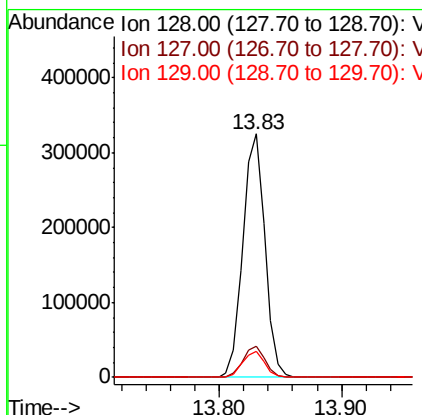
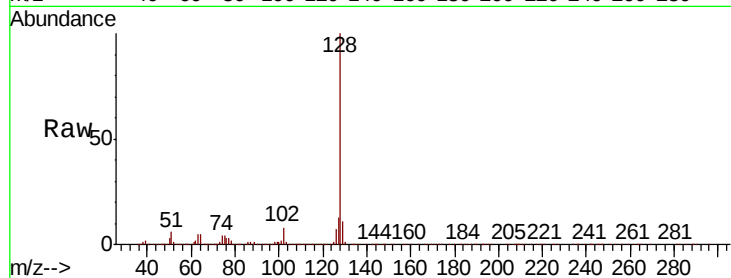




#95
Naphthalene
Concen: 20.650 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX014950.D
Acq: 18 Feb 2020 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX0218WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	10.8	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.826 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX014950.D
Acq: 18 Feb 2020 11:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.4	47.5	142.6
145	29.9	14.5	43.5

