

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120518\
 Data File : VX006305.D
 Acq On : 05 Dec 2018 17:18
 Operator : JC/MD
 Sample : VX1205WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1205WBSD01

Quant Time: Dec 06 00:18:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	665237	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1007415	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	902312	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	447740	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	335626	49.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.84%	
35) Dibromofluoromethane	5.50	113	324069	49.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.36%	
50) Toluene-d8	8.71	98	1155525	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	
62) 4-Bromofluorobenzene	11.13	95	421385	47.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	133585	20.509	ug/l	100
3) Chloromethane	1.33	50	122111	18.243	ug/l	99
4) Vinyl Chloride	1.41	62	137119	19.034	ug/l	98
5) Bromomethane	1.64	94	94679	18.964	ug/l	99
6) Chloroethane	1.72	64	84677	19.170	ug/l	99
7) Trichlorofluoromethane	1.93	101	213317	19.290	ug/l	96
8) Diethyl Ether	2.19	74	80110	19.141	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	122707	19.514	ug/l	99
10) Methyl Iodide	2.51	142	144610	15.260	ug/l	99
11) Tert butyl alcohol	3.07	59	169391	91.208	ug/l	99
12) 1,1-Dichloroethene	2.38	96	114365	18.999	ug/l	91
13) Acrolein	2.29	56	97609	96.160	ug/l	99
14) Allyl chloride	2.73	41	211484	17.785	ug/l	98
15) Acrylonitrile	3.15	53	359960	92.881	ug/l	100
16) Acetone	2.45	43	303173	95.129	ug/l	100
17) Carbon Disulfide	2.57	76	318805	17.188	ug/l	99
18) Methyl Acetate	2.78	43	207208	19.442	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	415705	19.359	ug/l	99
20) Methylene Chloride	2.86	84	130380	19.223	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	119721	18.663	ug/l	97
22) Diisopropyl ether	3.87	45	368994	19.867	ug/l	97
23) Vinyl Acetate	3.82	43	1523444	96.170	ug/l	99
24) 1,1-Dichloroethane	3.70	63	207751	19.570	ug/l	99
25) 2-Butanone	4.70	43	443906	97.619	ug/l	100
26) 2,2-Dichloropropane	4.58	77	179237	18.295	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	142958	19.979	ug/l	98
28) Bromochloromethane	5.02	49	95267	20.545	ug/l	98
29) Tetrahydrofuran	5.15	42	298437	94.430	ug/l	98
30) Chloroform	5.21	83	226140	20.271	ug/l	100
31) Cyclohexane	5.57	56	186557	19.016	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	209671	19.753	ug/l	99
36) 1,1-Dichloropropene	5.80	75	161902	19.084	ug/l	100
37) Ethyl Acetate	4.85	43	177344	18.667	ug/l	98
38) Carbon Tetrachloride	5.79	117	189222	18.960	ug/l	97

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Quant Time: Dec 06 00:18:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	205835	18.692	ug/l	96
40) Benzene	6.14	78	501001	19.718	ug/l	100
41) Methacrylonitrile	5.06	41	96521	18.464	ug/l	99
42) 1,2-Dichloroethane	6.20	62	168551	20.269	ug/l	100
43) Isopropyl Acetate	6.46	43	288864	18.236	ug/l	99
44) Trichloroethene	7.21	130	148503	19.293	ug/l	99
45) 1,2-Dichloropropane	7.52	63	125390	19.417	ug/l	98
46) Dibromomethane	7.66	93	92272	19.784	ug/l	97
47) Bromodichloromethane	7.90	83	172455	19.094	ug/l	99
48) Methyl methacrylate	7.77	41	141347	18.343	ug/l	98
49) 1,4-Dioxane	7.75	88	70835	372.966	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	866740	93.995	ug/l	99
52) Toluene	8.79	92	321923	19.258	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	187452	17.747	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	200281	18.260	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	134483	19.803	ug/l	99
56) Ethyl methacrylate	9.18	69	204911	19.301	ug/l	98
57) 1,3-Dichloropropane	9.37	76	211431	19.689	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	519314	96.393	ug/l	100
59) 2-Hexanone	9.49	43	650375	92.318	ug/l	99
60) Dibromochloromethane	9.59	129	156689	18.711	ug/l	98
61) 1,2-Dibromoethane	9.67	107	145608	19.175	ug/l	99
64) Tetrachloroethene	9.34	164	135001	19.867	ug/l	98
65) Chlorobenzene	10.14	112	373728	19.512	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	142008	19.082	ug/l	99
67) Ethyl Benzene	10.25	91	616312	19.346	ug/l	100
68) m/p-Xylenes	10.36	106	489541	38.362	ug/l	99
69) o-Xylene	10.70	106	244096	19.365	ug/l	100
70) Styrene	10.71	104	385883	18.928	ug/l	98
71) Bromoform	10.86	173	117342	16.703	ug/l	99
73) Isopropylbenzene	11.02	105	642014	20.763	ug/l	99
74) N-amyl acetate	10.90	43	255222	19.168	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	199143	20.132	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	230040	26.619	ug/l	87
77) Bromobenzene	11.26	156	171393	19.974	ug/l	98
78) n-propylbenzene	11.36	91	703331	20.463	ug/l	100
79) 2-Chlorotoluene	11.42	91	415861	20.357	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	528130	20.529	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	62937	17.090	ug/l	92
82) 4-Chlorotoluene	11.51	91	474117	19.961	ug/l	100
83) tert-Butylbenzene	11.77	119	562014	20.475	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	542089	20.406	ug/l	100
85) sec-Butylbenzene	11.94	105	638024	20.432	ug/l	99
86) p-Isopropyltoluene	12.06	119	572211	20.349	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	300634	19.690	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	297142	19.174	ug/l	98
89) n-Butylbenzene	12.39	91	475945	19.837	ug/l	100
90) Hexachloroethane	12.60	117	106592	18.599	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	299100	19.738	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	43989	17.348	ug/l	94

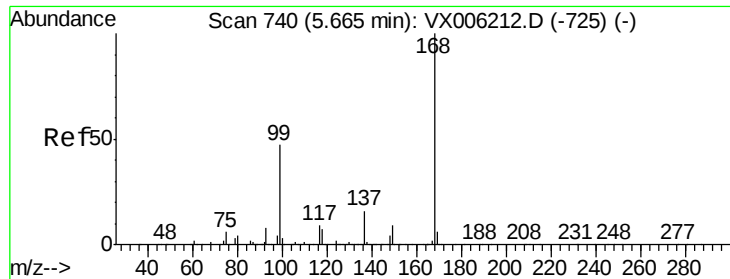
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120518\
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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	212610	19.231	ug/l	99
94) Hexachlorobutadiene	13.78	225	89806	18.368	ug/l	100
95) Naphthalene	13.83	128	691217	20.100	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	214049	19.548	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006305.D

Acq: 05 Dec 2018 17:18

Instrument :

MSVOA_X

ClientSampleId :

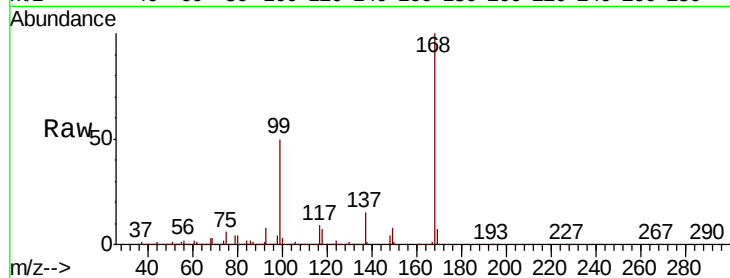
VX1205WBSD01

Tot Ion:168 Resp: 665237

Ion Ratio Lower Upper

168 100

99 49.5 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): VX006305.D (-691) (-)

Ion 98.90 (98.60 to 99.60): VX006305.D (-691) (-)

5.67

250000

200000

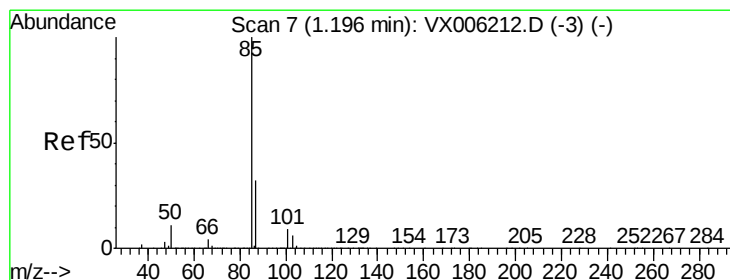
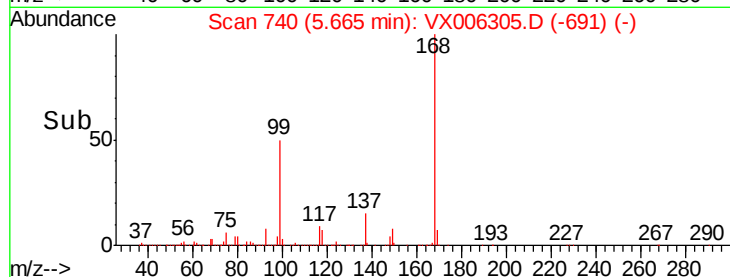
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 20.509 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006305.D

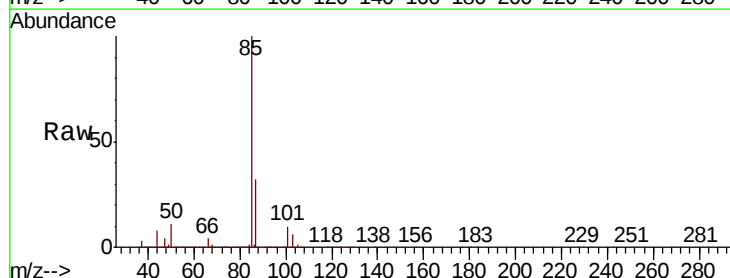
Acq: 05 Dec 2018 17:18

Tgt Ion: 85 Resp: 133585

Ion Ratio Lower Upper

85 100

87 32.3 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX006305.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VX006305.D (-1) (-)

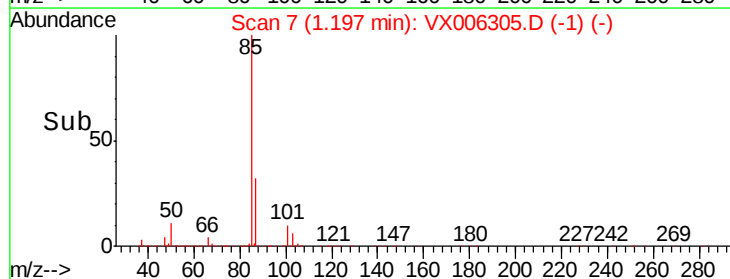
1.20

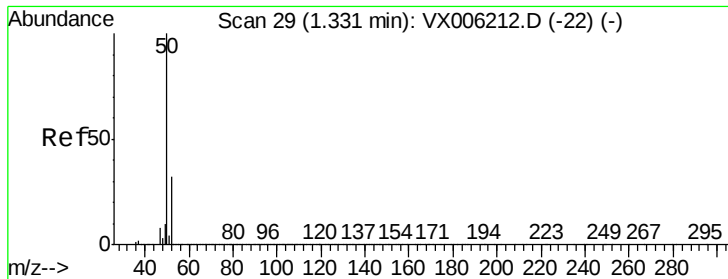
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Time-->

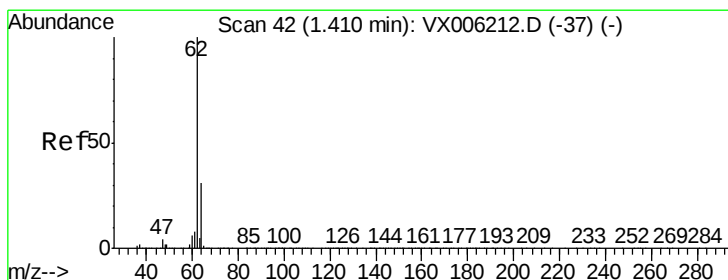
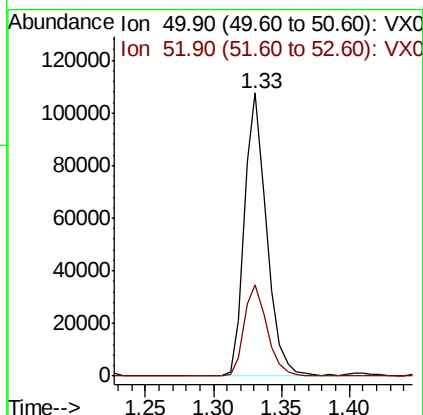
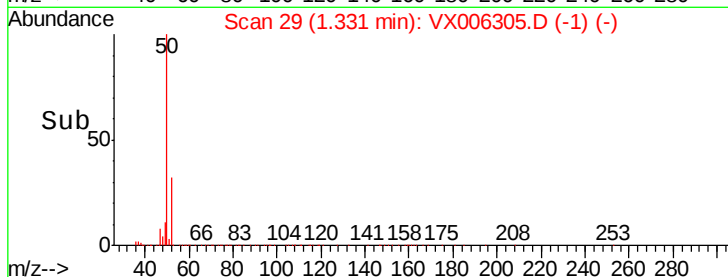
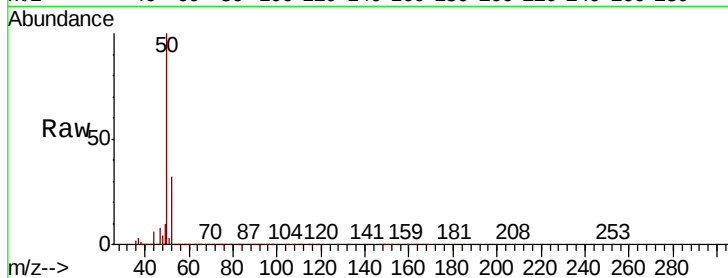




#3
Chloromethane
Concen: 18.243 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.00 min
Lab File: VX006305.D
Acq: 05 Dec 2018 17:18

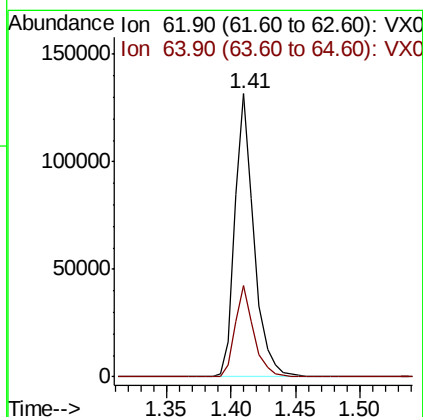
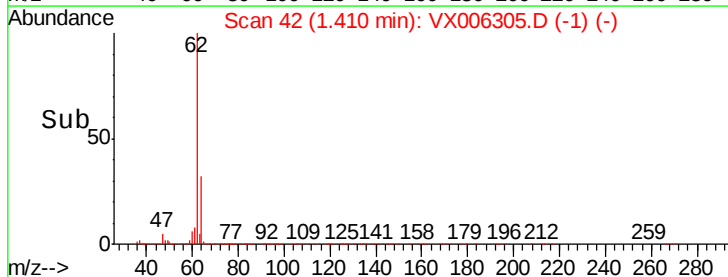
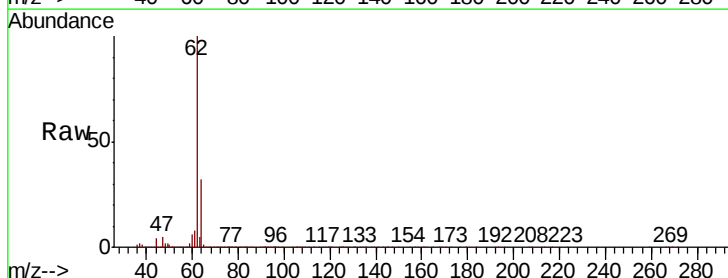
Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01

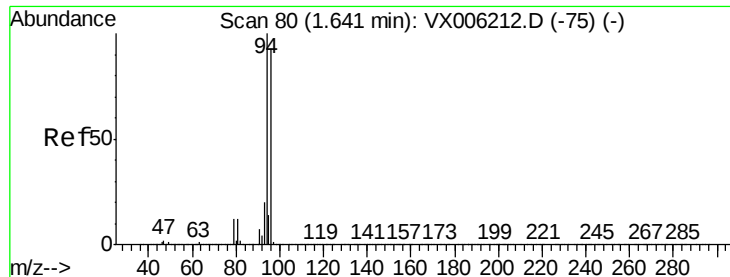
Tot Ion: 50 Resp: 122111
Ion Ratio Lower Upper
50 100
52 32.2 25.2 37.8



#4
Vinyl Chloride
Concen: 19.034 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX006305.D
Acq: 05 Dec 2018 17:18

Tgt Ion: 62 Resp: 137119
Ion Ratio Lower Upper
62 100
64 32.2 24.9 37.3





#5

Bromomethane

Concen: 18.964 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006305.D

Acq: 05 Dec 2018 17:18

Instrument :

MSVOA_X

ClientSampleId :

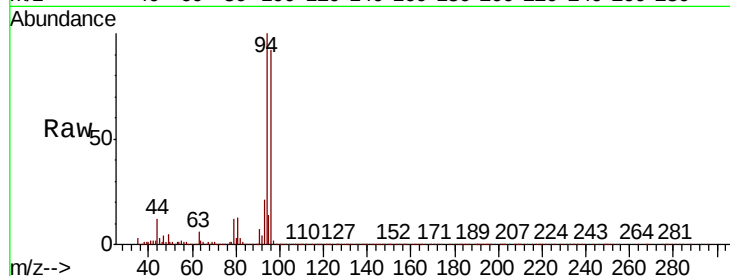
VX1205WBSD01

Tot Ion: 94 Resp: 94679

Ion Ratio Lower Upper

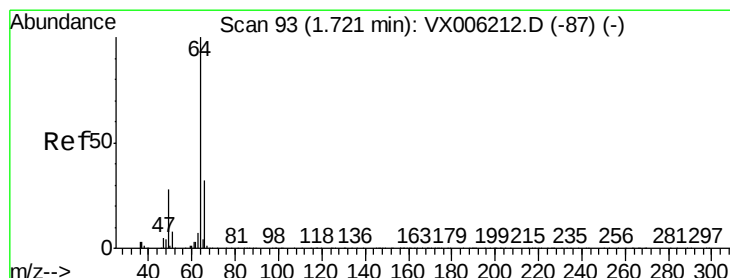
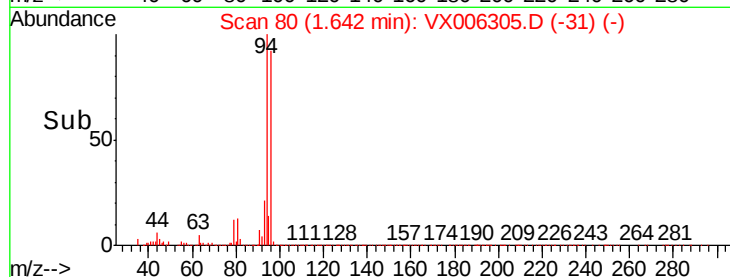
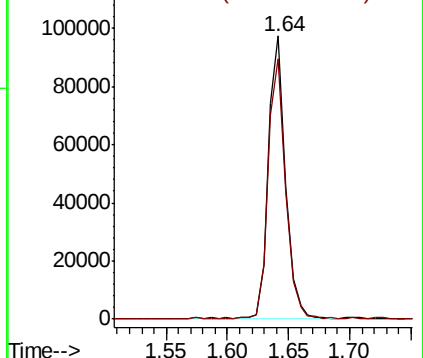
94 100

96 91.7 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.170 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX006305.D

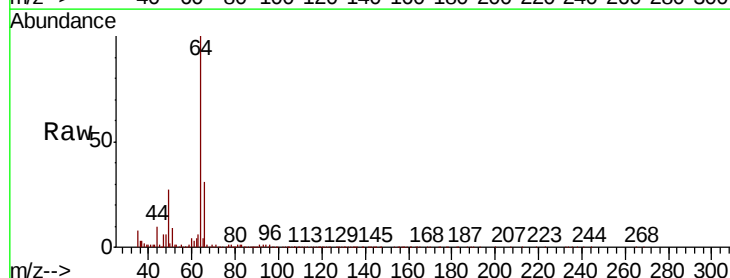
Acq: 05 Dec 2018 17:18

Tgt Ion: 64 Resp: 84677

Ion Ratio Lower Upper

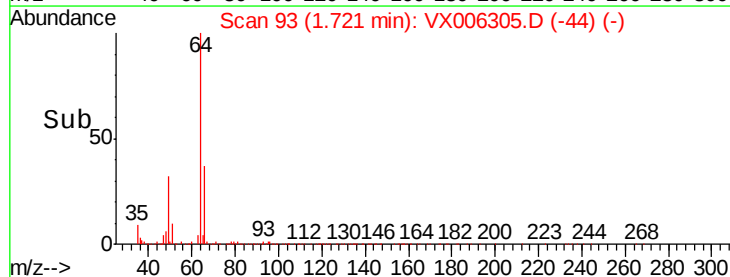
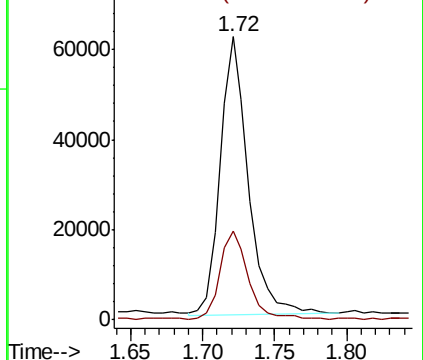
64 100

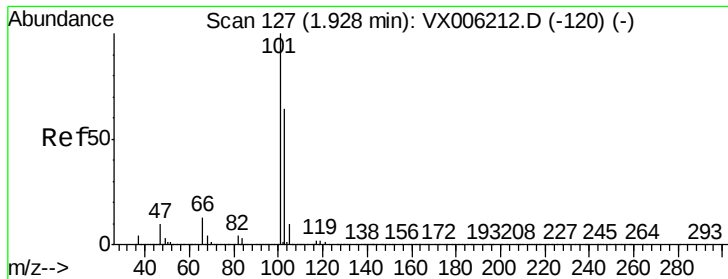
66 31.6 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



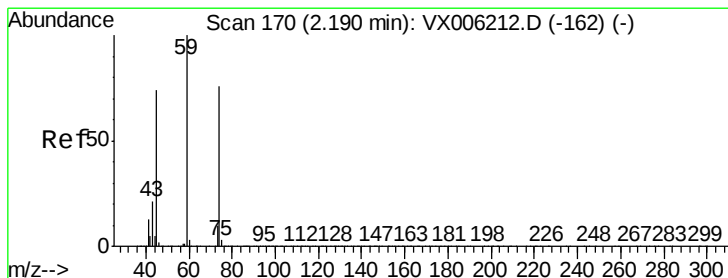
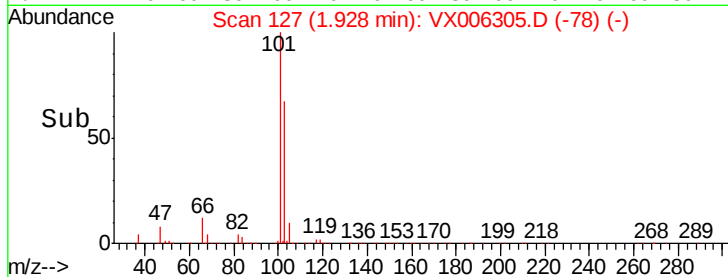
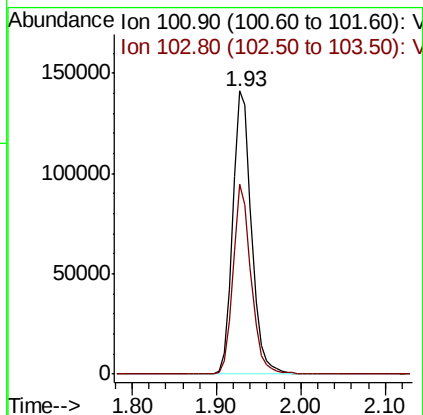
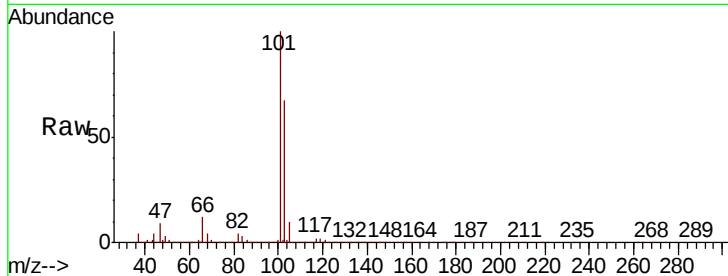


#7

Trichlorofluoromethane
Concen: 19.290 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX006305.D
Acq: 05 Dec 2018 17:18

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01

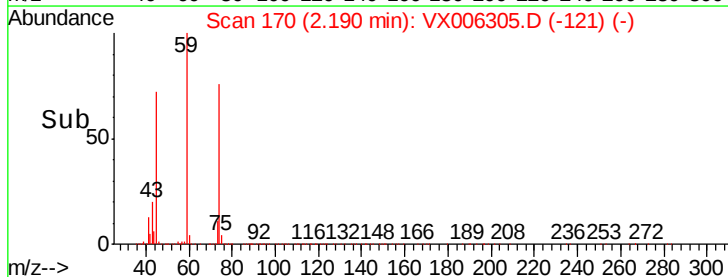
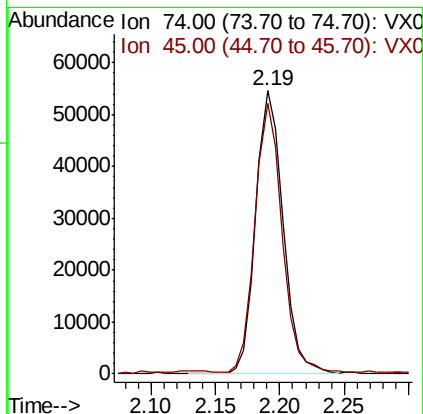
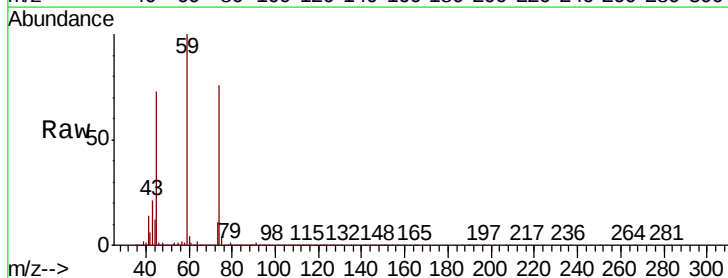
Tot Ion:101 Resp: 213317
Ion Ratio Lower Upper
101 100
103 66.9 51.0 76.4

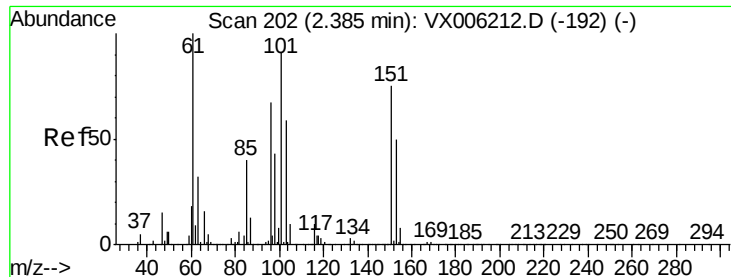


#8

Diethyl Ether
Concen: 19.141 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006305.D
Acq: 05 Dec 2018 17:18

Tgt Ion: 74 Resp: 80110
Ion Ratio Lower Upper
74 100
45 93.5 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.514 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX006305.D

Acq: 05 Dec 2018 17:18

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBSD01

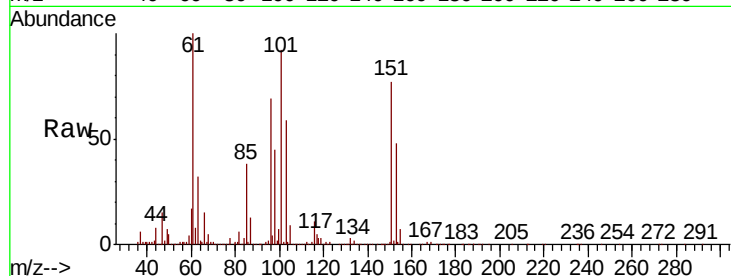
Tot Ion:101 Resp: 122707

Ion Ratio Lower Upper

101 100

85 43.2 35.5 53.3

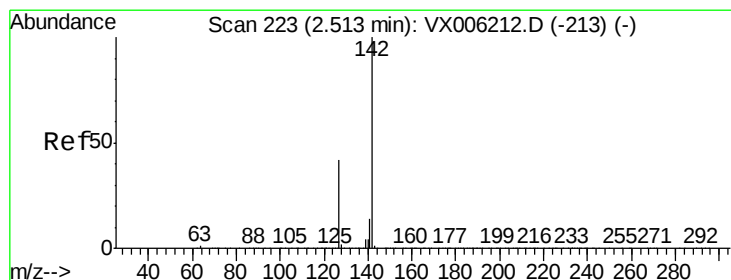
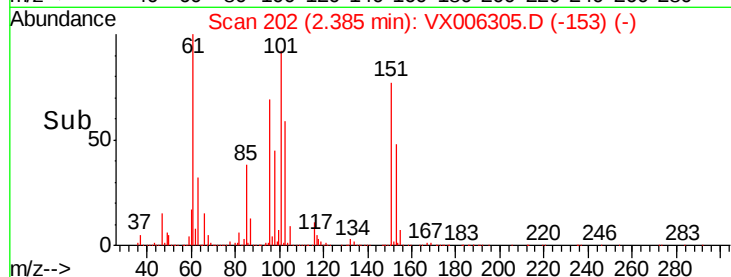
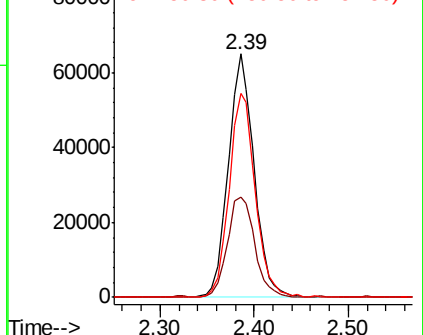
151 84.7 68.6 103.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 15.260 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX006305.D

Acq: 05 Dec 2018 17:18

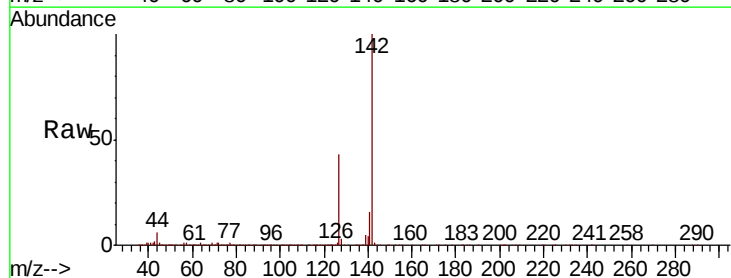
Tgt Ion:142 Resp: 144610

Ion Ratio Lower Upper

142 100

127 42.9 34.8 52.2

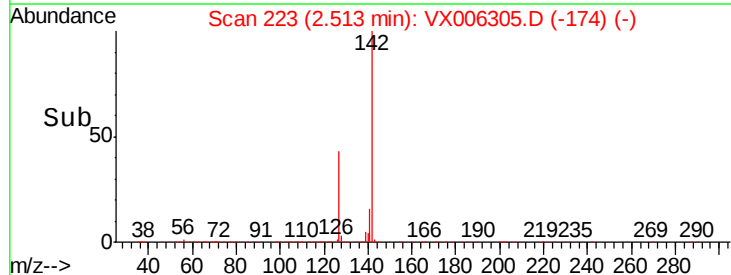
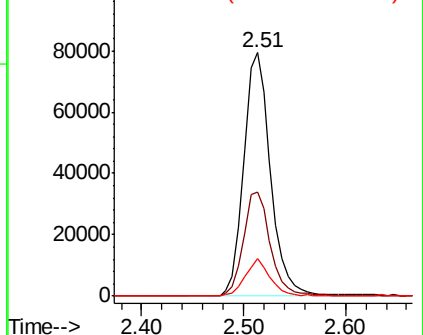
141 14.0 11.4 17.2

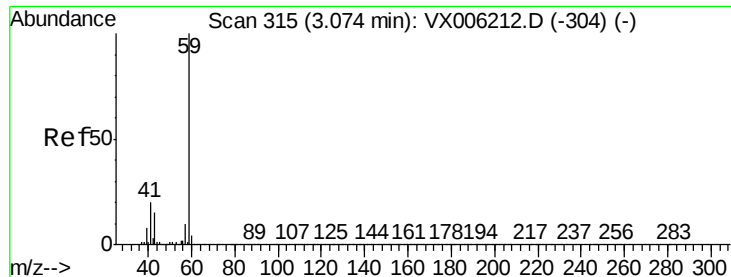


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



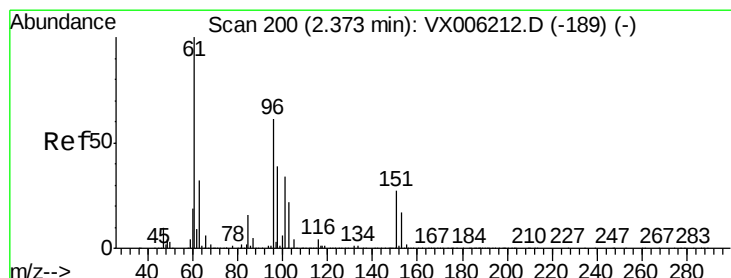
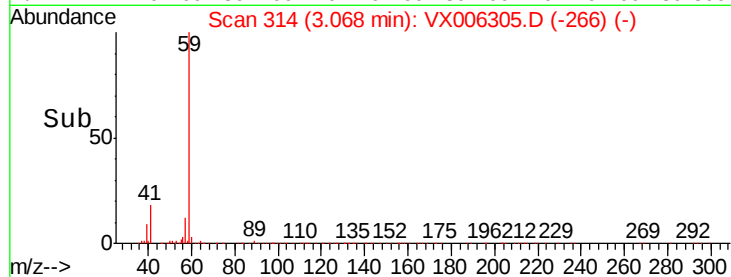
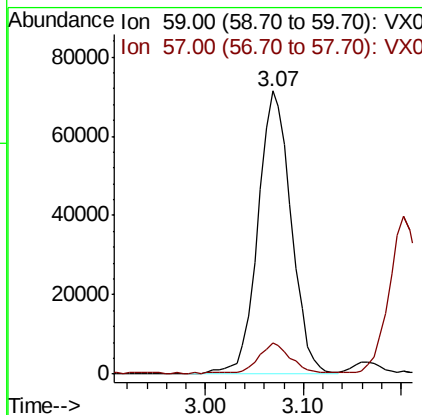
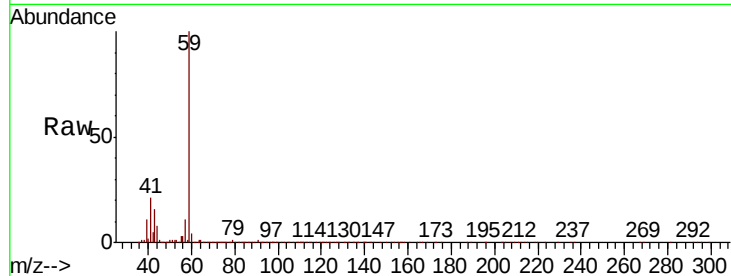


#11

Tert butyl alcohol
Concen: 91.208 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX006305.D
Acq: 05 Dec 2018 17:18

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01

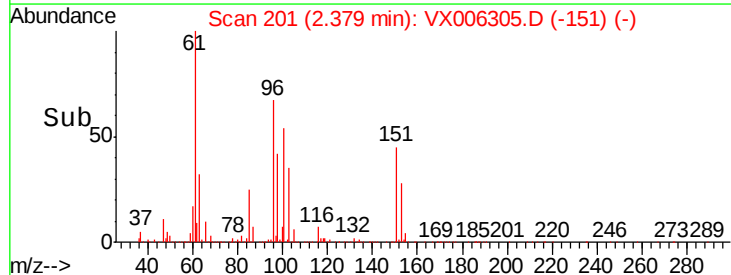
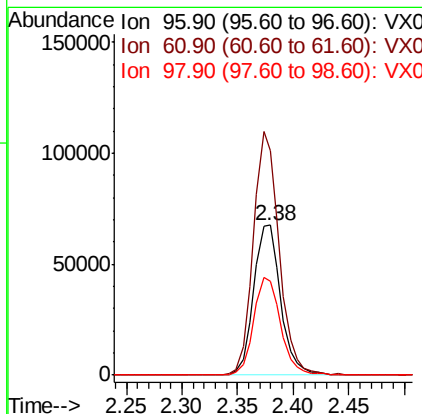
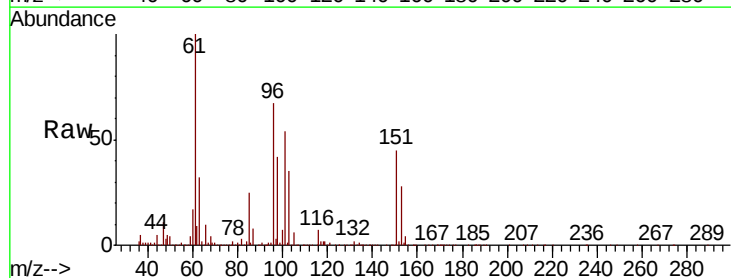
Tot Ion: 59 Resp: 169391
Ion Ratio Lower Upper
59 100
57 9.8 8.2 12.2

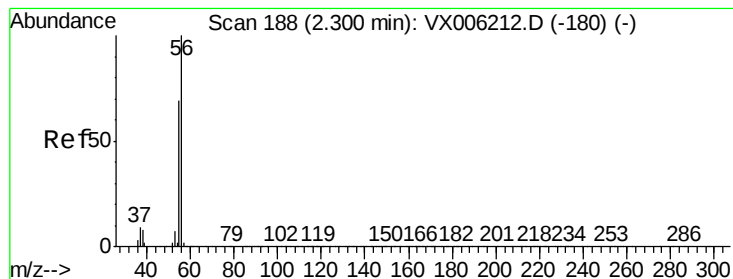


#12

1,1-Dichloroethene
Concen: 18.999 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX006305.D
Acq: 05 Dec 2018 17:18

Tgt Ion: 96 Resp: 114365
Ion Ratio Lower Upper
96 100
61 149.8 131.7 197.5
98 62.4 51.8 77.6





#13

Acrolein

Concen: 96.160 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX006305.D

Acq: 05 Dec 2018 17:18

Instrument :

MSVOA_X

ClientSampleId :

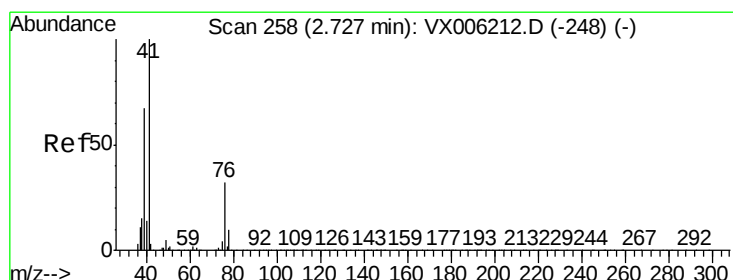
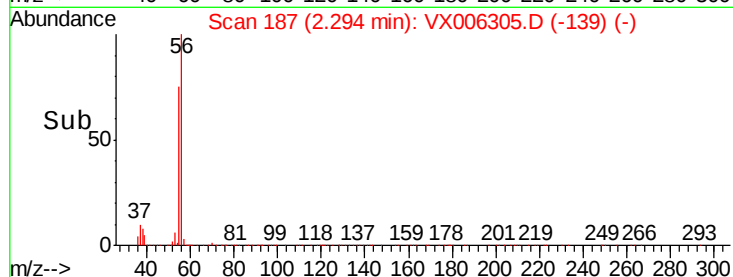
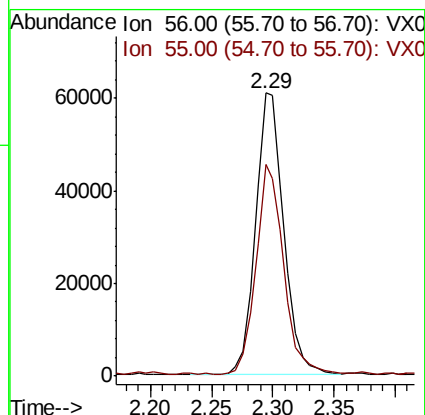
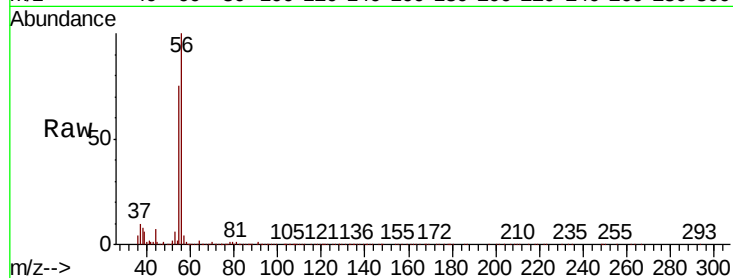
VX1205WBSD01

Tot Ion: 56 Resp: 97609

Ion Ratio Lower Upper

56 100

55 73.2 57.8 86.6



#14

Allyl chloride

Concen: 17.785 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX006305.D

Acq: 05 Dec 2018 17:18

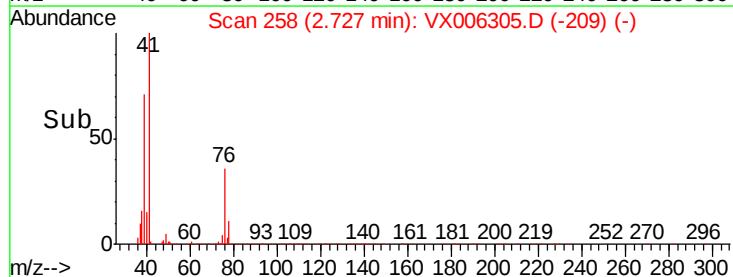
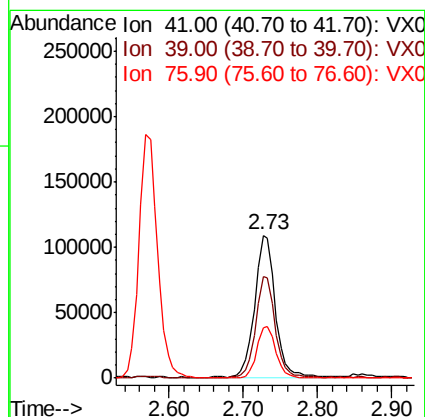
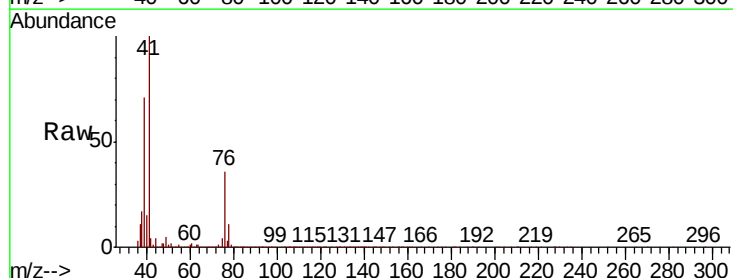
Tgt Ion: 41 Resp: 211484

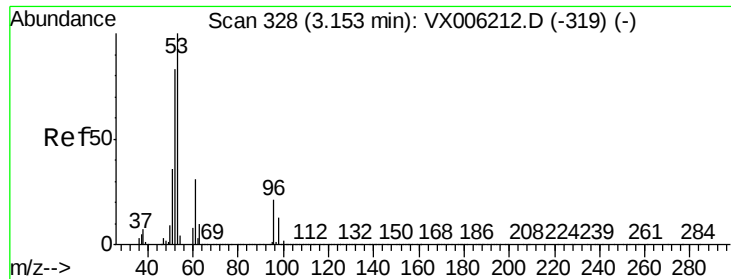
Ion Ratio Lower Upper

41 100

39 66.6 52.4 78.6

76 33.5 25.4 38.0





#15

Acrylonitrile

Concen: 92.881 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX006305.D

Acq: 05 Dec 2018 17:18

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBSD01

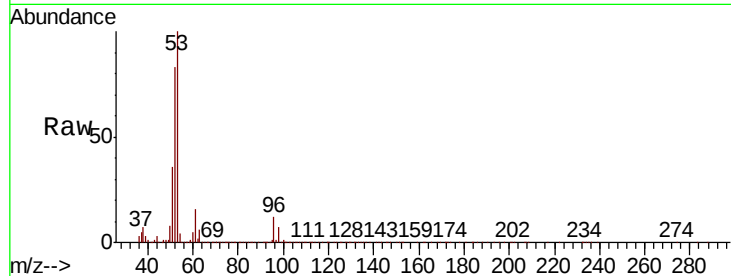
Tot Ion: 53 Resp: 359960

Ion Ratio Lower Upper

53 100

52 82.4 66.2 99.4

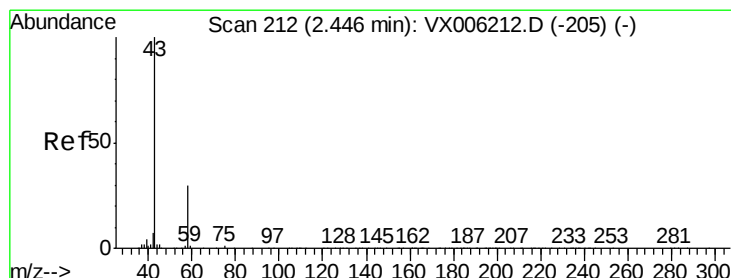
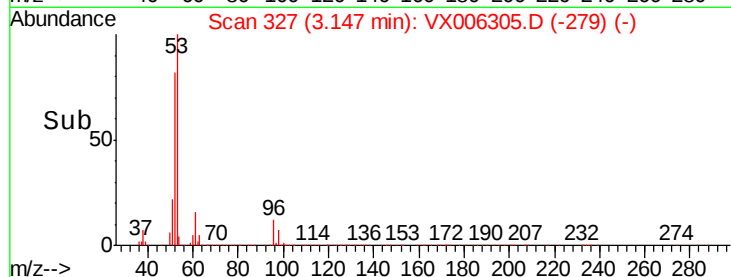
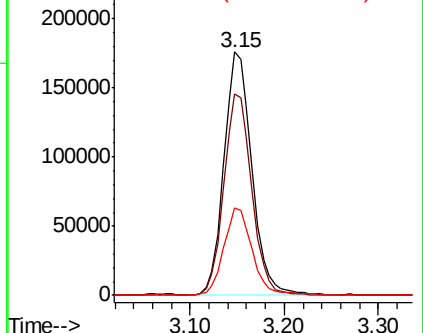
51 36.3 28.7 43.1



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: 95.129 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006305.D

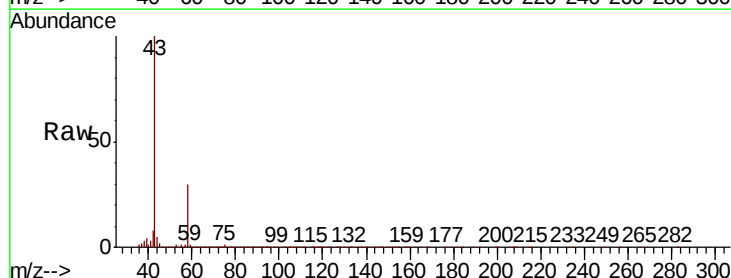
Acq: 05 Dec 2018 17:18

Tgt Ion: 43 Resp: 303173

Ion Ratio Lower Upper

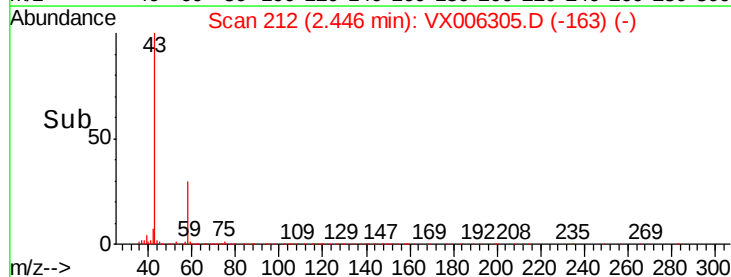
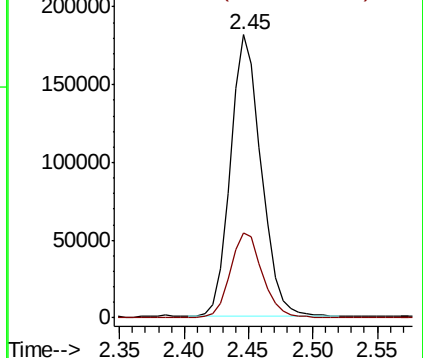
43 100

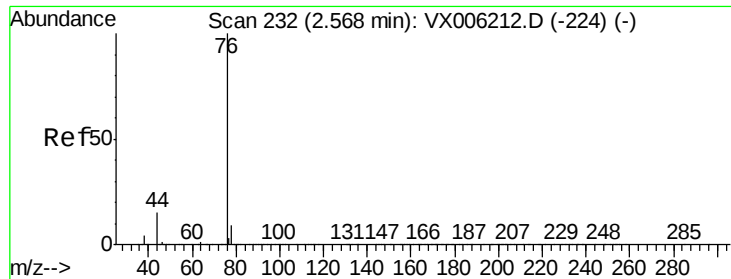
58 30.2 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 17.188 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX006305.D

Acq: 05 Dec 2018 17:18

Instrument :

MSVOA_X

ClientSampleId :

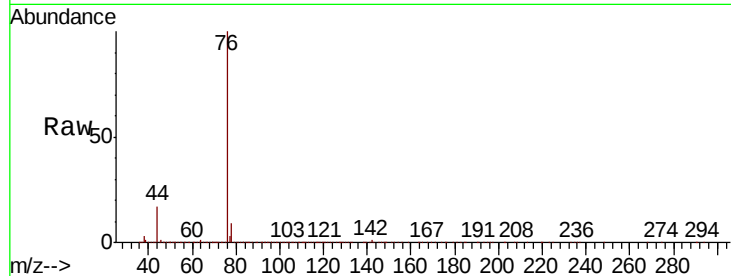
VX1205WBSD01

Tot Ion: 76 Resp: 318805

Ion Ratio Lower Upper

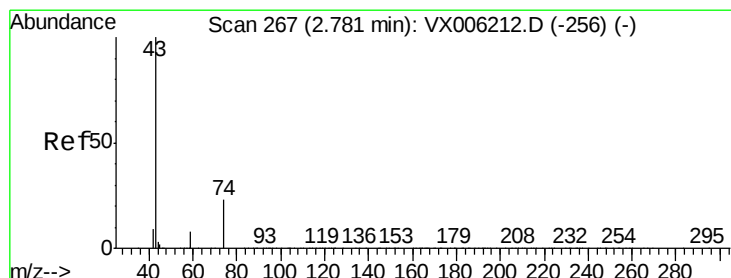
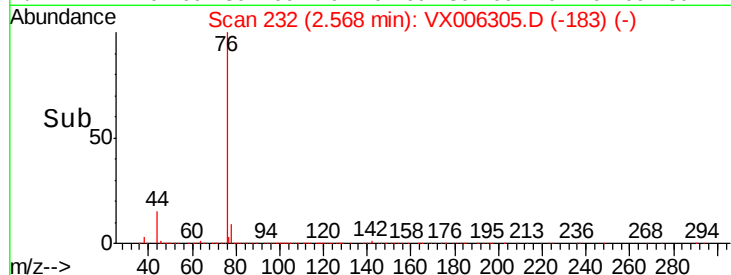
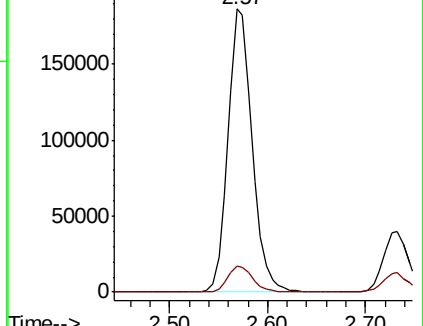
76 100

78 9.1 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX006305.D (-183) (-)

Ion 77.90 (77.60 to 78.60): VX006305.D (-183) (-)



#18

Methyl Acetate

Concen: 19.442 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX006305.D

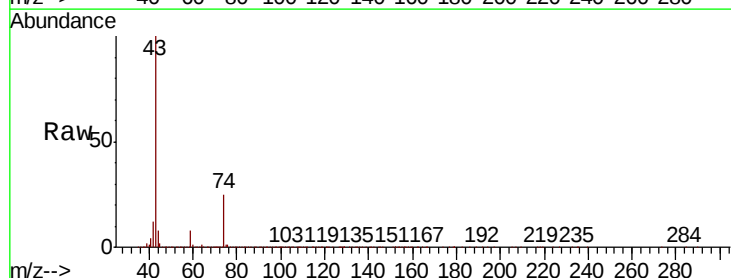
Acq: 05 Dec 2018 17:18

Tgt Ion: 43 Resp: 207208

Ion Ratio Lower Upper

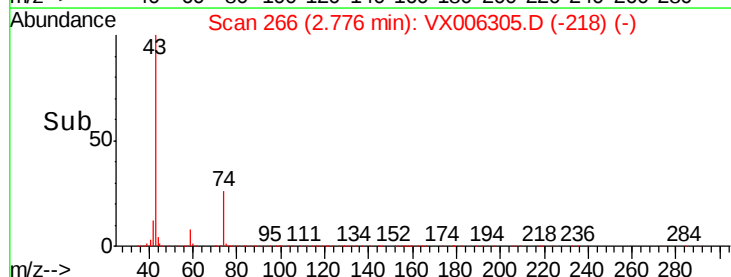
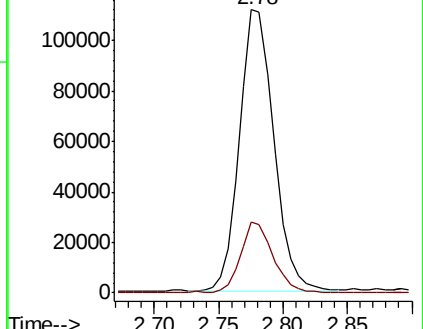
43 100

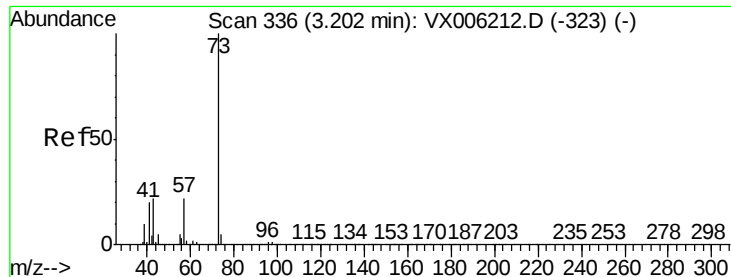
74 23.5 17.9 26.9



Abundance Ion 43.00 (42.70 to 43.70): VX006305.D (-218) (-)

Ion 74.00 (73.70 to 74.70): VX006305.D (-218) (-)



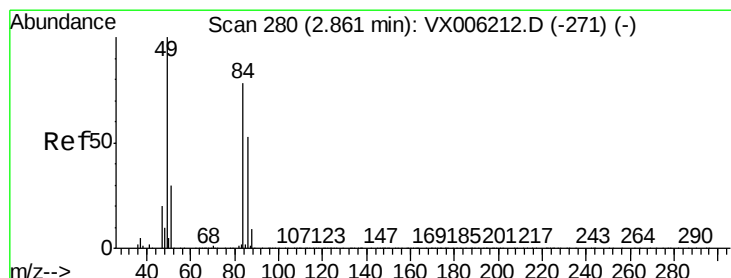
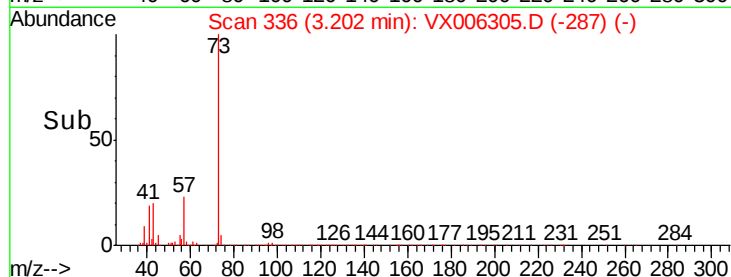
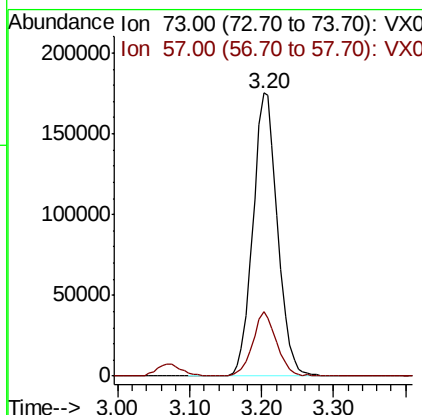
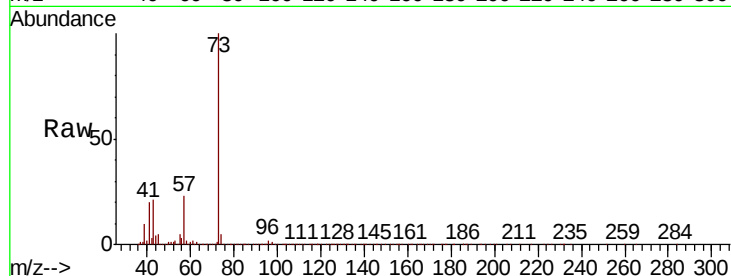


#19

Methyl tert-butyl Ether
 Concen: 19.359 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VX006305.D
 Acq: 05 Dec 2018 17:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1205WBSD01

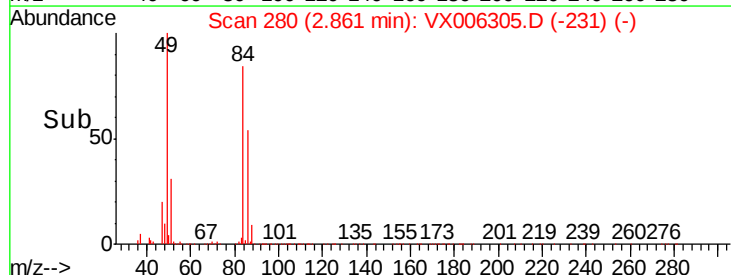
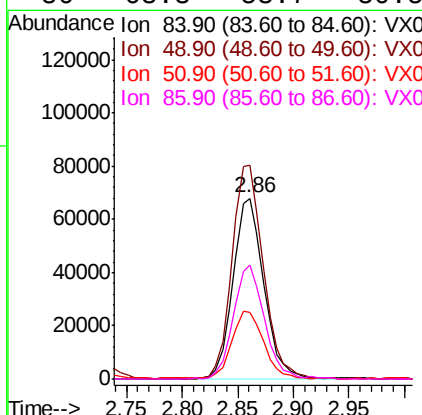
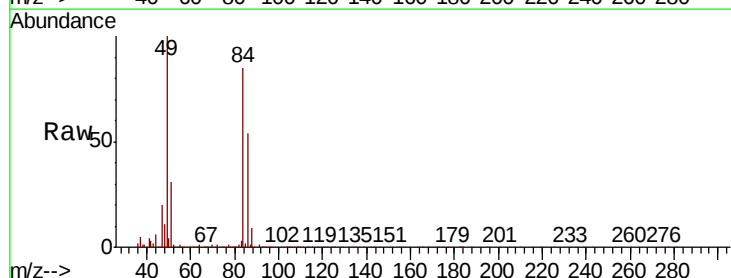
Tot Ion: 73 Resp: 415705
 Ion Ratio Lower Upper
 73 100
 57 22.5 17.5 26.3

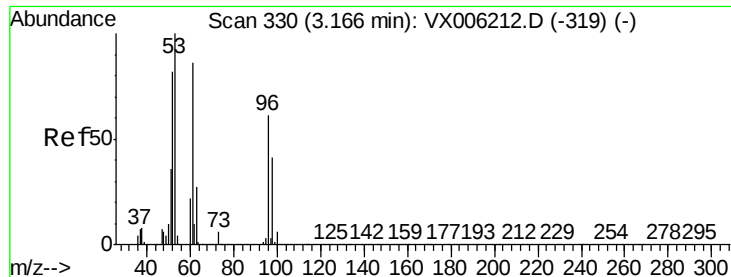


#20

Methylene Chloride
 Concen: 19.223 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. 0.00 min
 Lab File: VX006305.D
 Acq: 05 Dec 2018 17:18

Tgt Ion: 84 Resp: 130380
 Ion Ratio Lower Upper
 84 100
 49 118.2 102.2 153.4
 51 36.3 31.1 46.7
 86 63.3 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 18.663 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006305.D

Acq: 05 Dec 2018 17:18

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBSD01

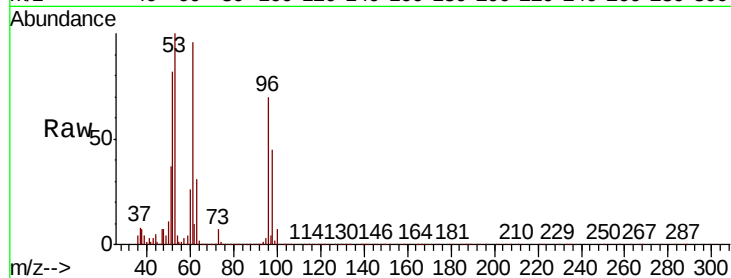
Tot Ion: 96 Resp: 119721

Ion Ratio Lower Upper

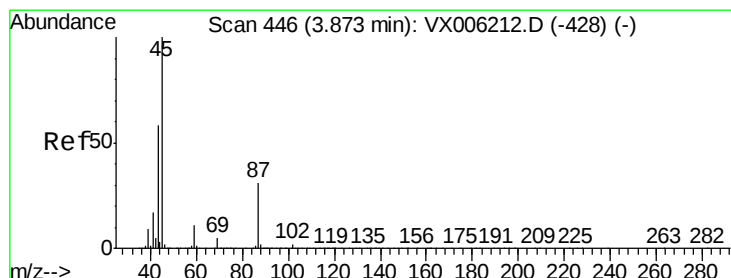
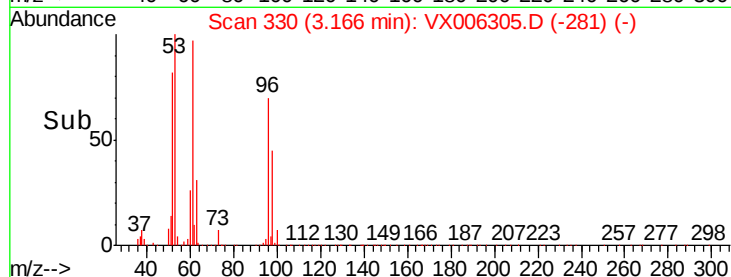
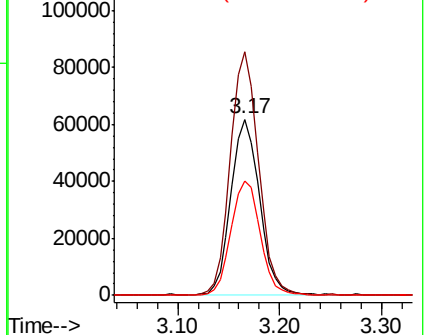
96 100

61 138.2 113.3 169.9

98 64.8 53.2 79.8



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: 19.867 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX006305.D

Acq: 05 Dec 2018 17:18

Tgt Ion: 45 Resp: 368994

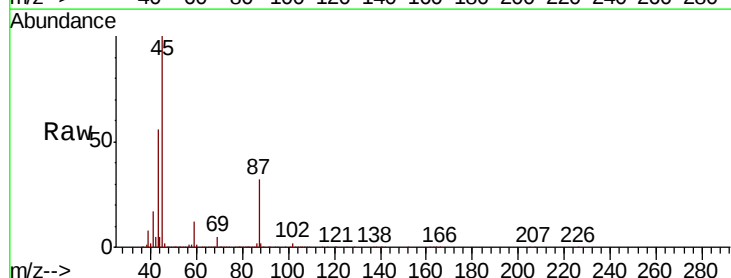
Ion Ratio Lower Upper

45 100

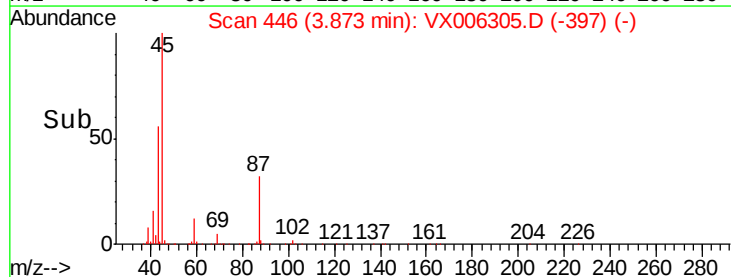
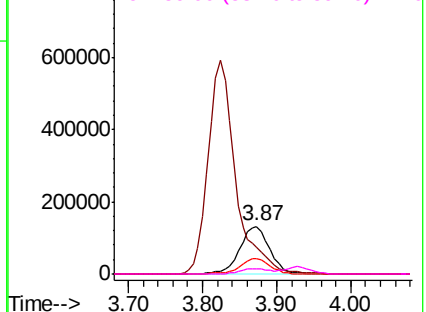
43 55.6 46.2 69.2

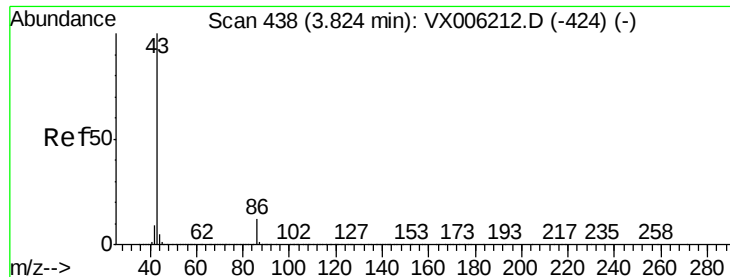
87 32.4 24.9 37.3

59 11.8 9.1 13.7



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: 96.170 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006305.D

Acq: 05 Dec 2018 17:18

Instrument :

MSVOA_X

ClientSampleId :

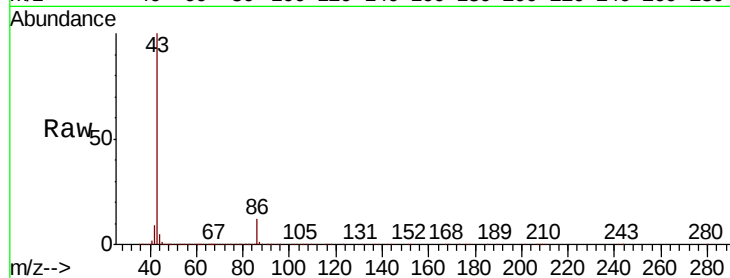
VX1205WBSD01

Tot Ion: 43 Resp: 1523444

Ion Ratio Lower Upper

43 100

86 12.0 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

600000

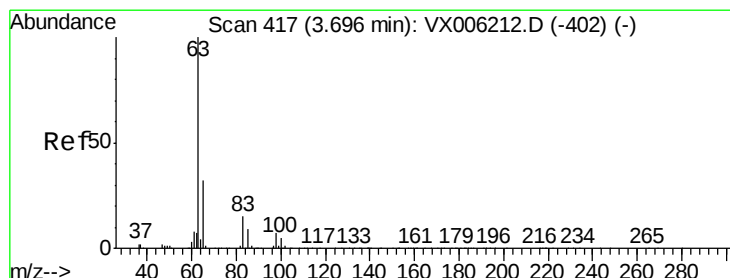
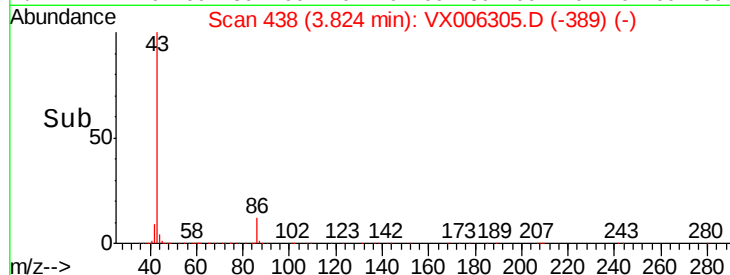
400000

200000

0

3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 19.570 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006305.D

Acq: 05 Dec 2018 17:18

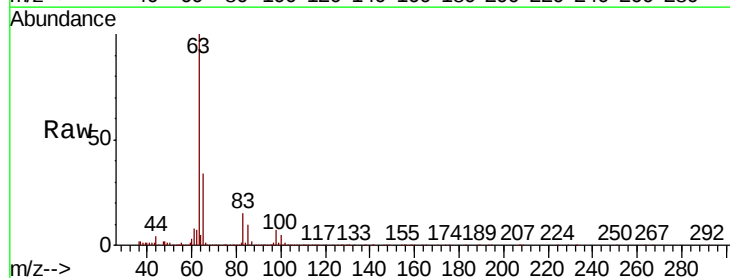
Tgt Ion: 63 Resp: 207751

Ion Ratio Lower Upper

63 100

98 7.3 3.8 11.4

100 5.1 2.5 7.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.70

100000

80000

60000

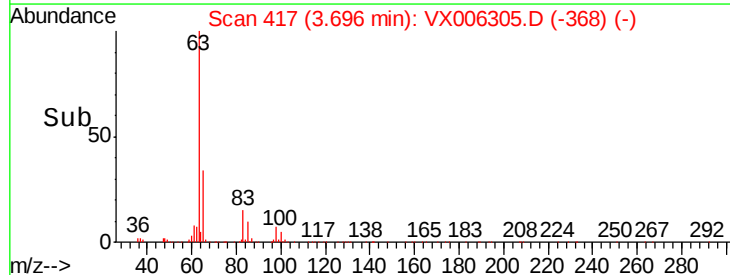
40000

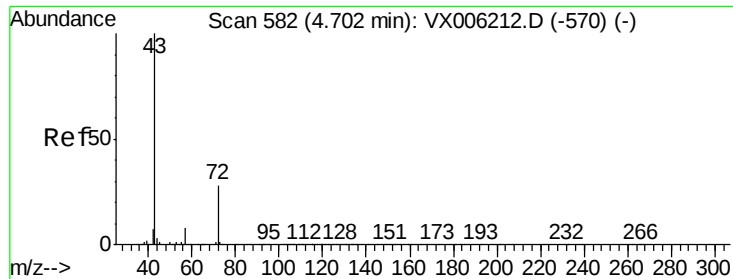
20000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 97.619 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX006305.D

Acq: 05 Dec 2018 17:18

Instrument :

MSVOA_X

ClientSampleId :

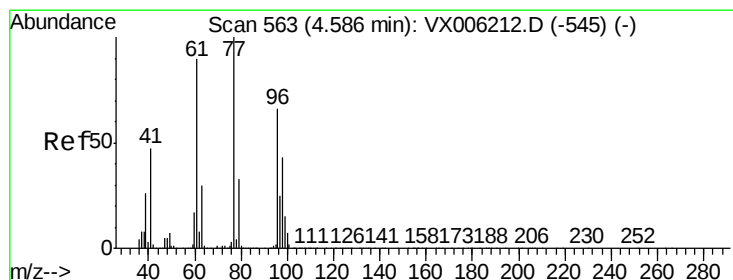
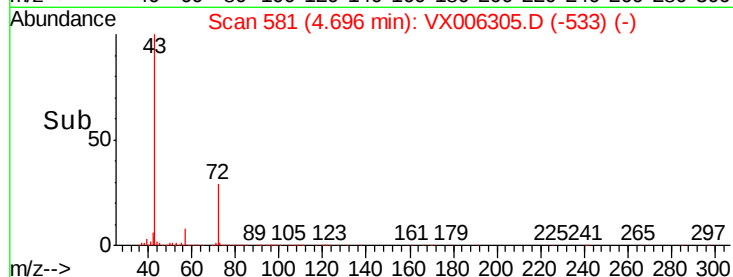
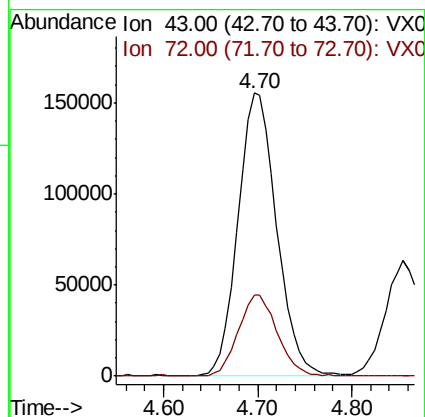
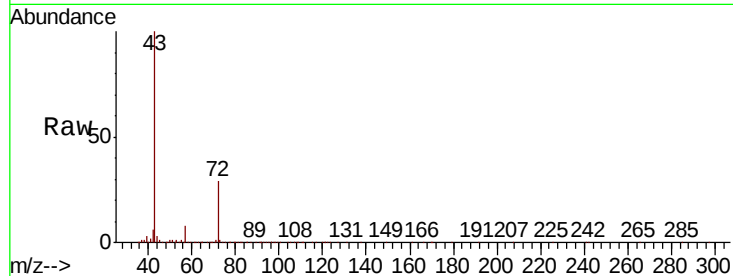
VX1205WBSD01

Tot Ion: 43 Resp: 443906

Ion Ratio Lower Upper

43 100

72 28.4 22.6 33.8



#26

2,2-Dichloropropane

Concen: 18.295 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX006305.D

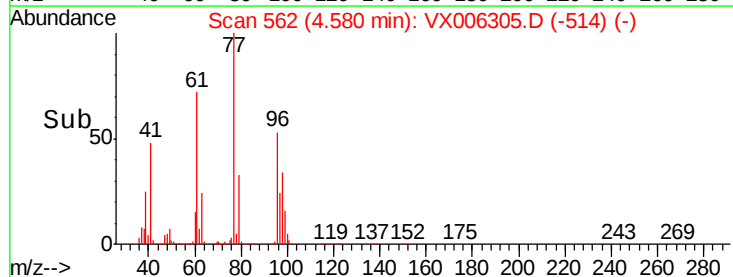
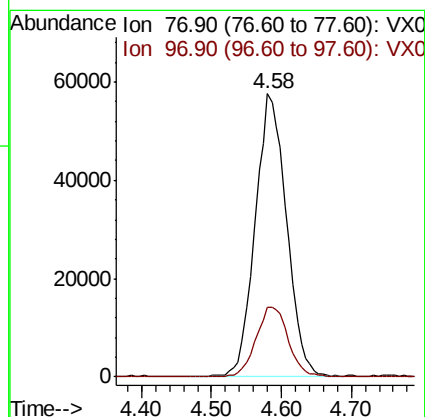
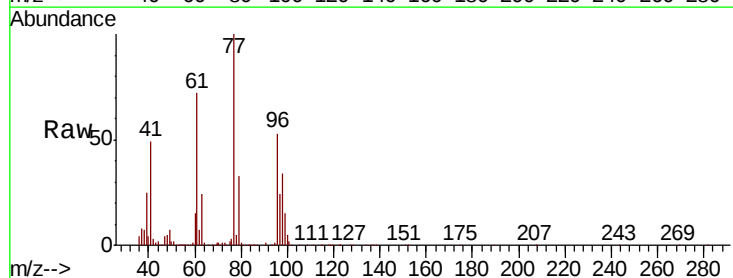
Acq: 05 Dec 2018 17:18

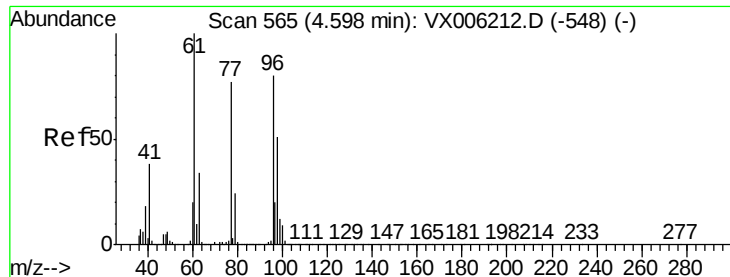
Tgt Ion: 77 Resp: 179237

Ion Ratio Lower Upper

77 100

97 25.4 12.3 36.8



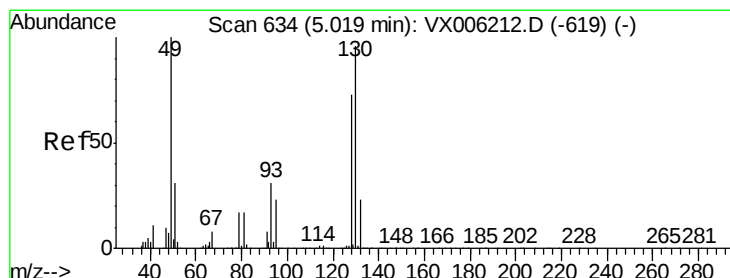
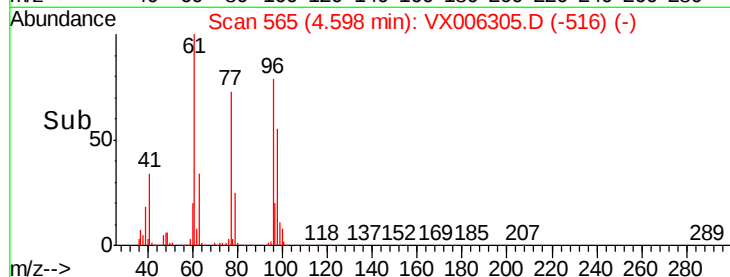
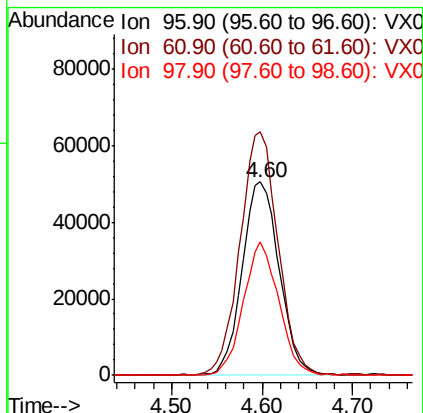
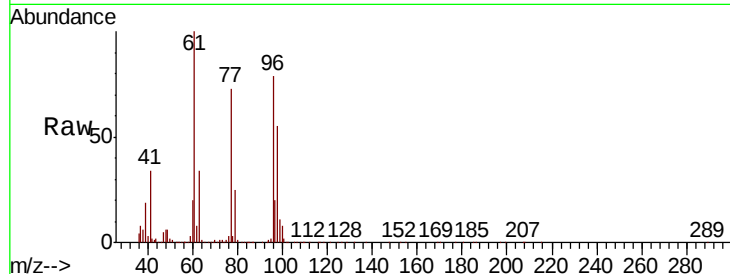


#27

cis-1,2-Dichloroethene
 Concen: 19.979 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX006305.D
 Acq: 05 Dec 2018 17:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1205WBSD01

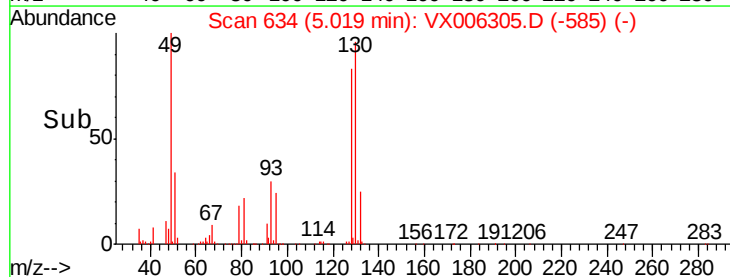
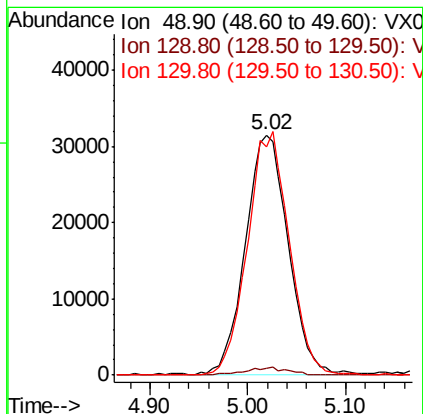
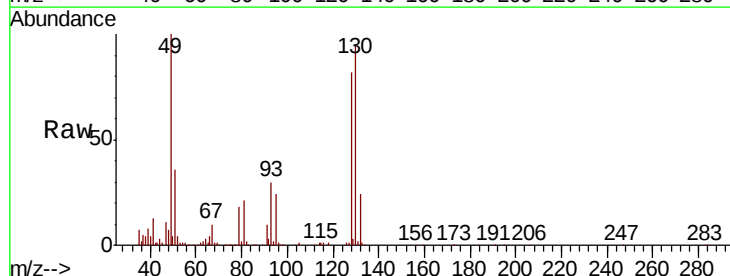
Tot Ion	Ratio	Lower	Upper
96	100		
61	129.3	0.0	265.0
98	65.1	0.0	130.2

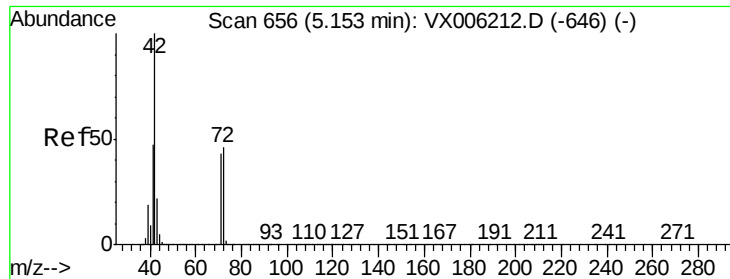


#28

Bromochloromethane
 Concen: 20.545 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VX006305.D
 Acq: 05 Dec 2018 17:18

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.3	0.0	5.0
130	99.4	78.3	117.5

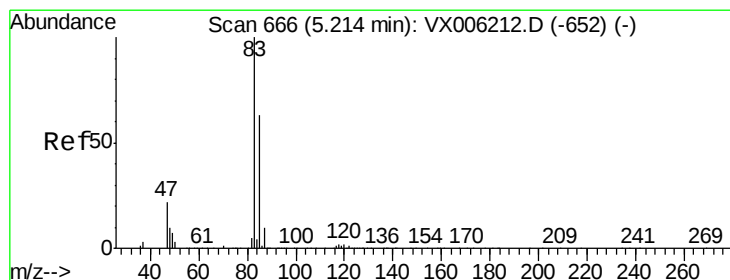
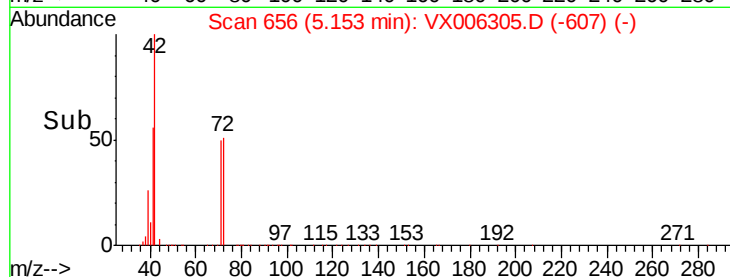
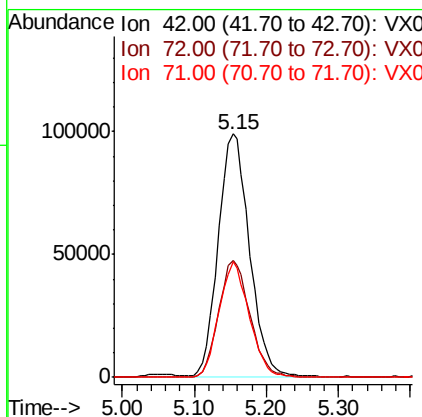
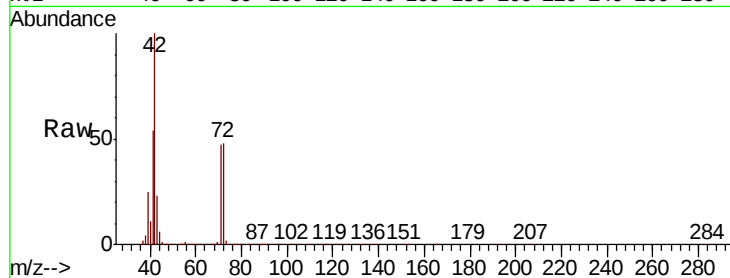




#29
Tetrahydrofuran
Concen: 94.430 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX006305.D
Acq: 05 Dec 2018 17:18

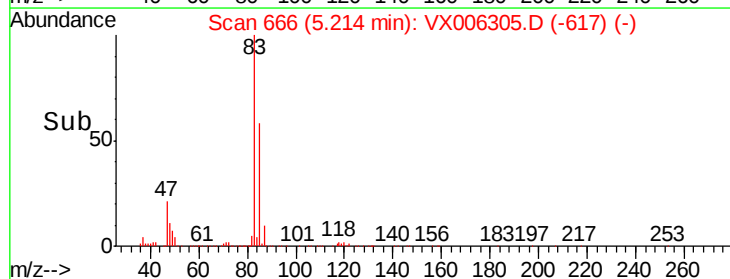
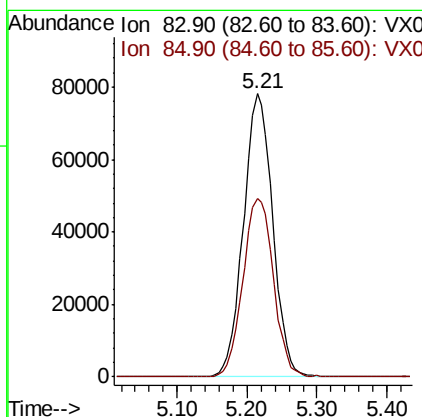
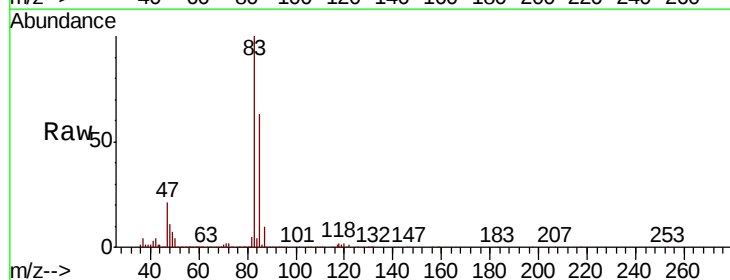
Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01

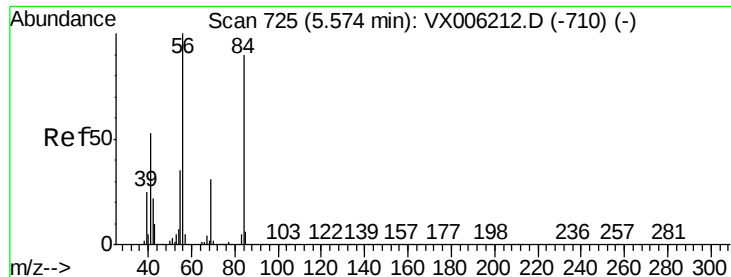
Tot Ion	Ratio	Lower	Upper
42	100		
72	48.2	37.8	56.8
71	46.3	35.2	52.8



#30
Chloroform
Concen: 20.271 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX006305.D
Acq: 05 Dec 2018 17:18

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.1	50.3	75.5

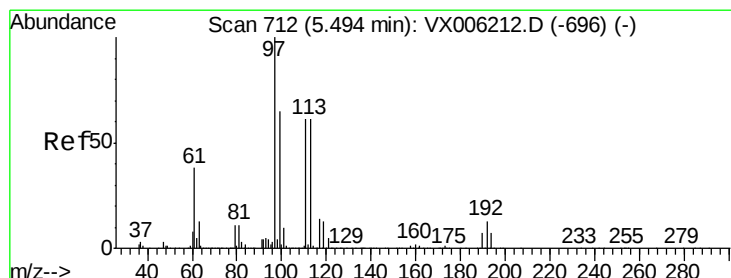
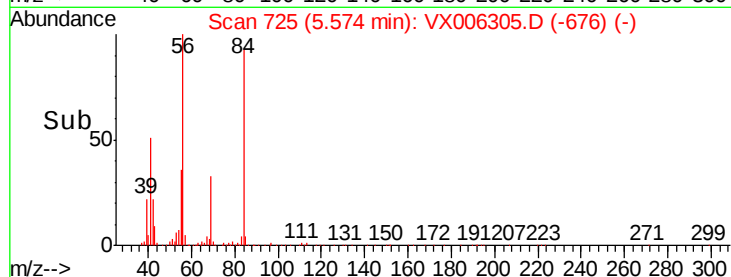
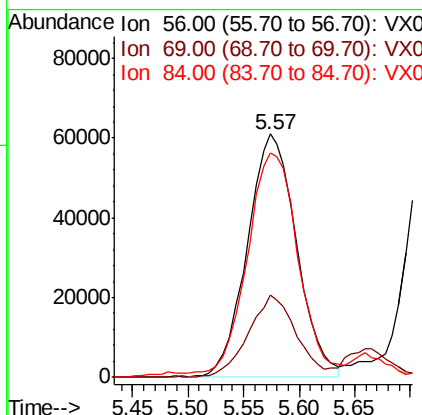
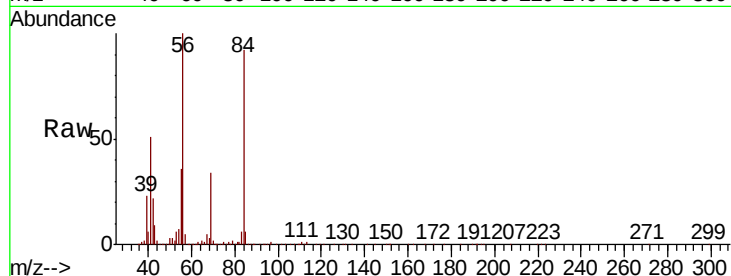




#31
Cyclohexane
Concen: 19.016 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX006305.D
Acq: 05 Dec 2018 17:18

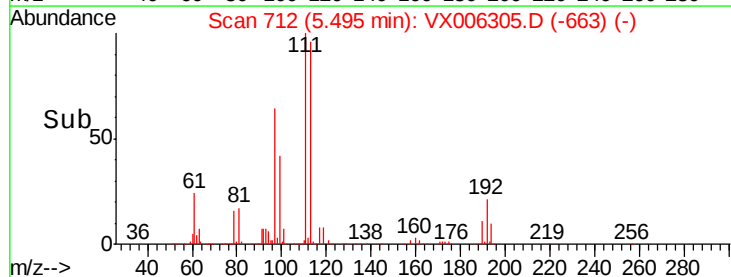
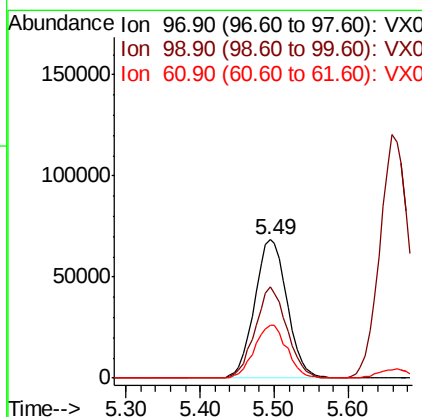
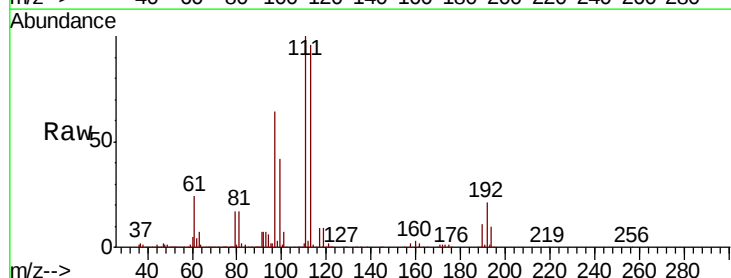
Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01

Tot Ion: 56 Resp: 186557
Ion Ratio Lower Upper
56 100
69 33.4 24.5 36.7
84 90.8 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 19.753 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX006305.D
Acq: 05 Dec 2018 17:18

Tgt Ion: 97 Resp: 209671
Ion Ratio Lower Upper
97 100
99 64.1 51.6 77.4
61 38.7 30.6 46.0





#33

1,2-Dichloroethane-d4

Concen: 49.422 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006305.D

Acq: 05 Dec 2018 17:18

Instrument :

MSVOA_X

ClientSampleId :

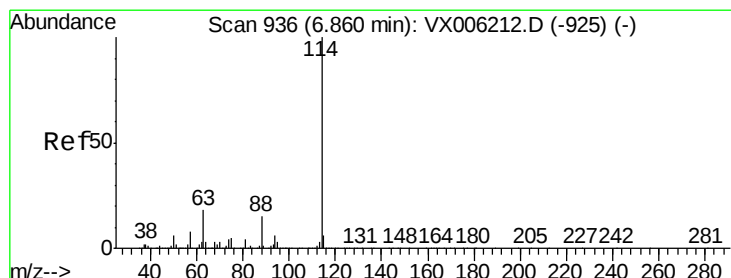
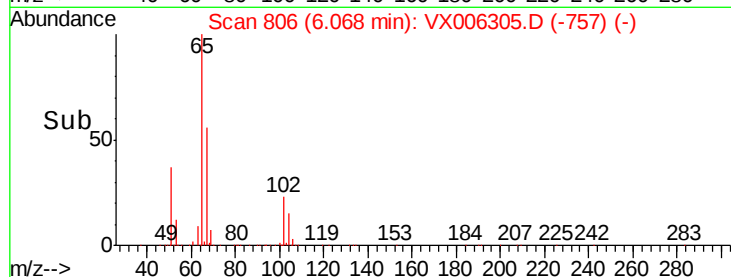
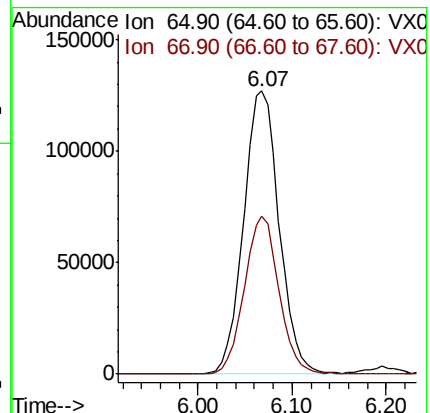
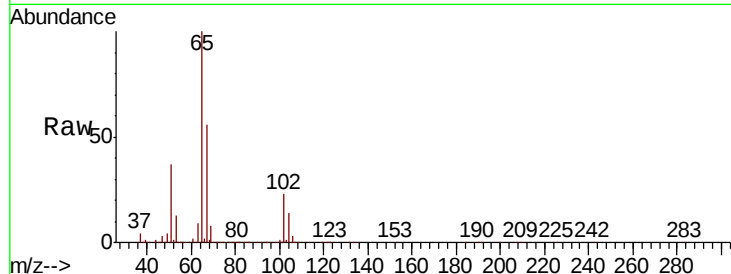
VX1205WBSD01

Tot Ion: 65 Resp: 335626

Ion Ratio Lower Upper

65 100

67 54.2 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006305.D

Acq: 05 Dec 2018 17:18

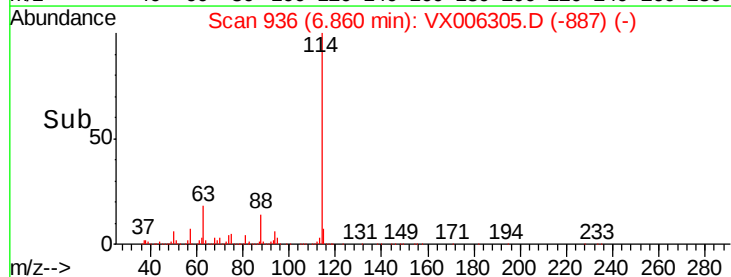
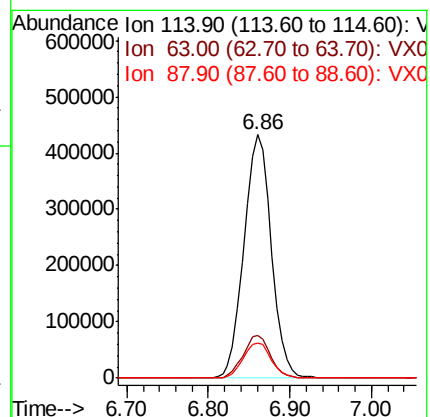
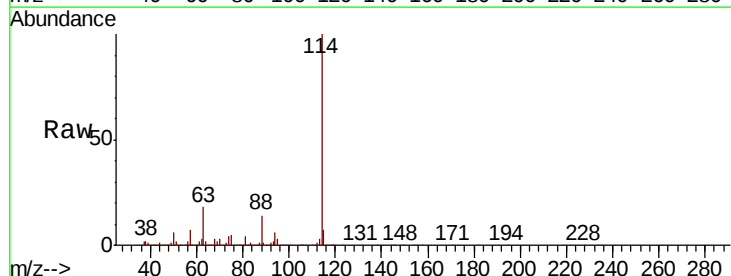
Tgt Ion: 114 Resp: 1007415

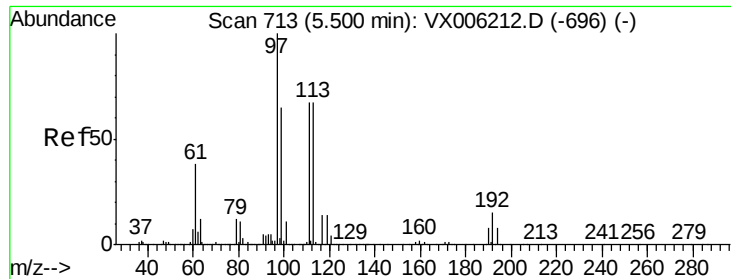
Ion Ratio Lower Upper

114 100

63 17.7 0.0 36.6

88 14.4 0.0 29.0





#35

Dibromofluoromethane

Concen: 49.684 ug/l

RT: 5.50 min Scan# 713

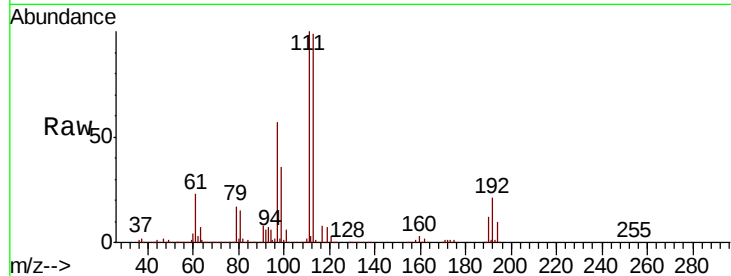
Delta R.T. 0.00 min

Lab File: VX006305.D

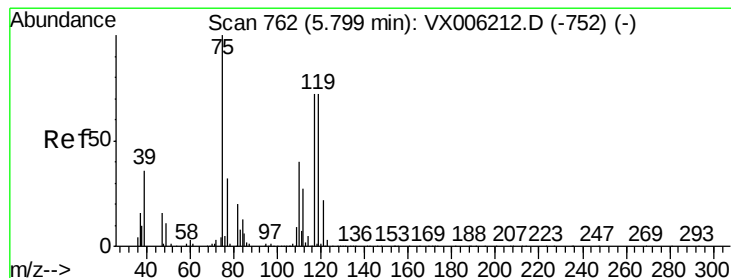
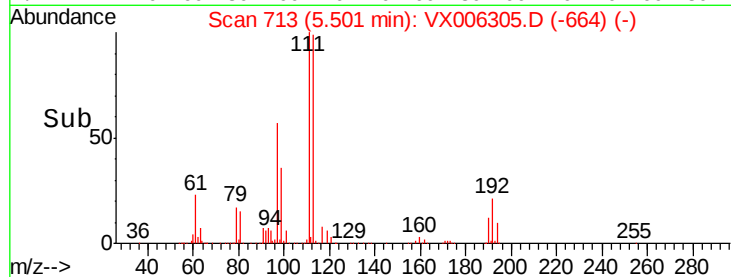
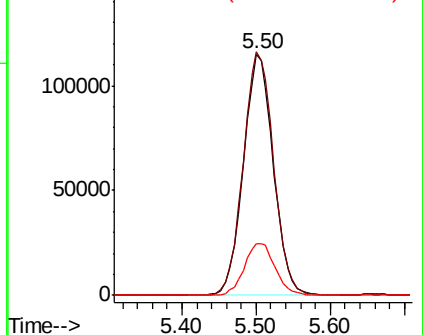
Acq: 05 Dec 2018 17:18

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01

Tot Ion:	113	Resp:	324069
Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.1	121.7
192	22.1	18.2	27.2



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



#36

1,1-Dichloropropene

Concen: 19.084 ug/l

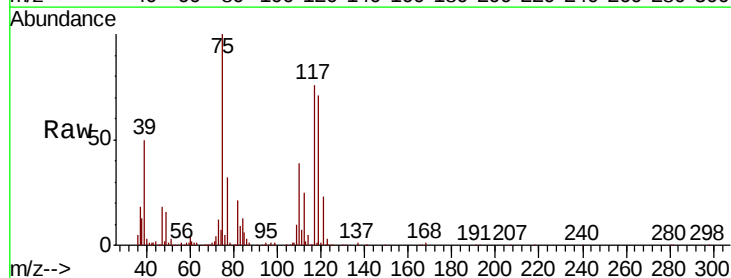
RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

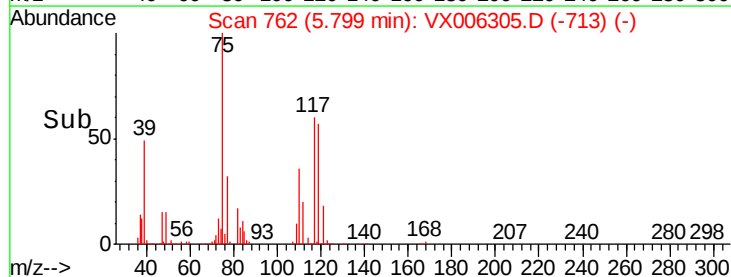
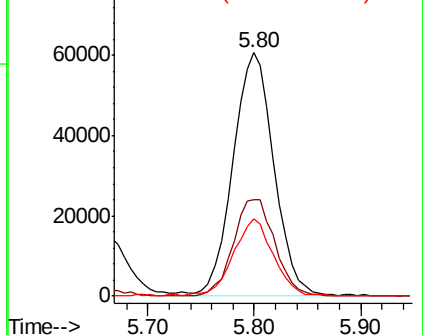
Lab File: VX006305.D

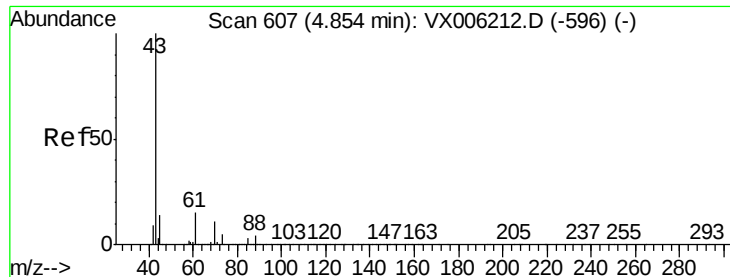
Acq: 05 Dec 2018 17:18

Tgt Ion:	75	Resp:	161902
Ion	Ratio	Lower	Upper
75	100		
110	40.8	20.4	61.3
77	30.8	24.9	37.3



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VX0

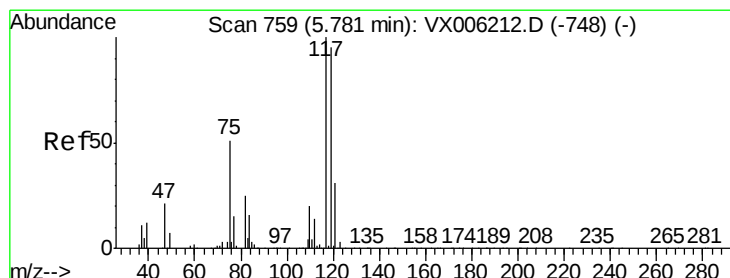
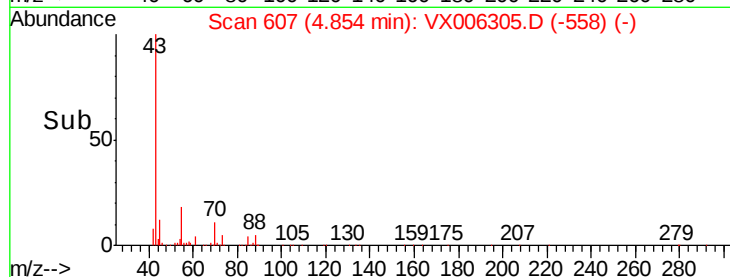
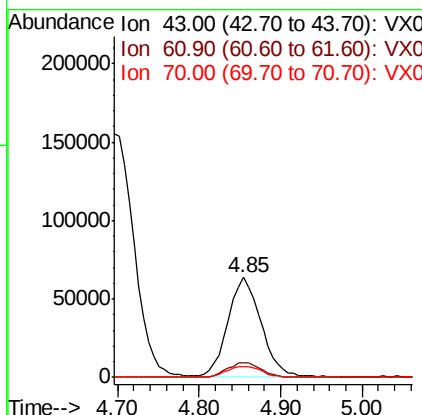
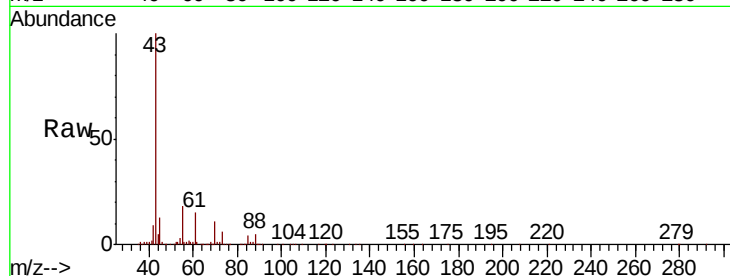




#37
Ethyl Acetate
Concen: 18.667 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006305.D
Acq: 05 Dec 2018 17:18

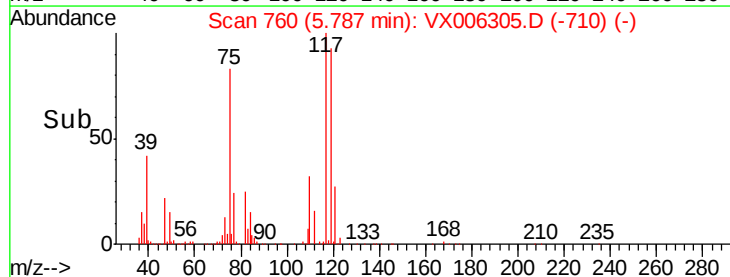
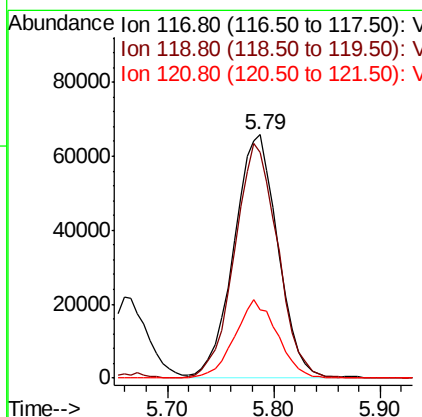
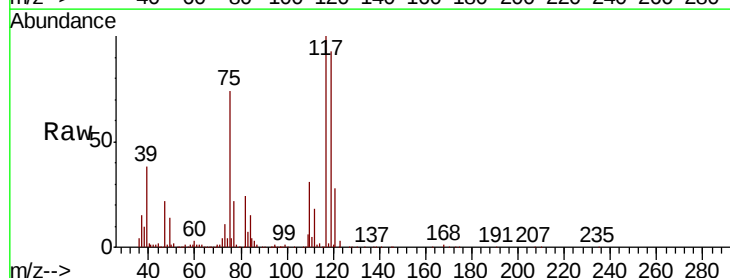
Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01

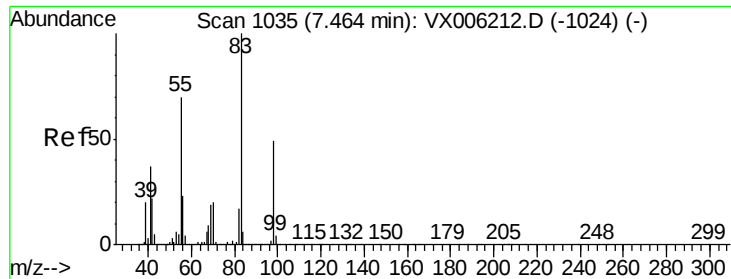
Tot Ion: 43 Resp: 177344
Ion Ratio Lower Upper
43 100
61 15.0 11.5 17.3
70 12.1 9.0 13.6



#38
Carbon Tetrachloride
Concen: 18.960 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX006305.D
Acq: 05 Dec 2018 17:18

Tgt Ion: 117 Resp: 189222
Ion Ratio Lower Upper
117 100
119 92.4 75.8 113.8
121 28.0 24.6 37.0

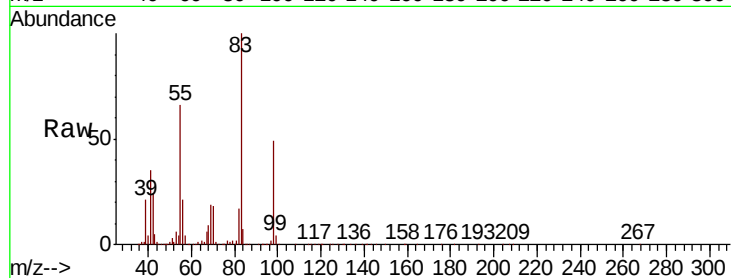




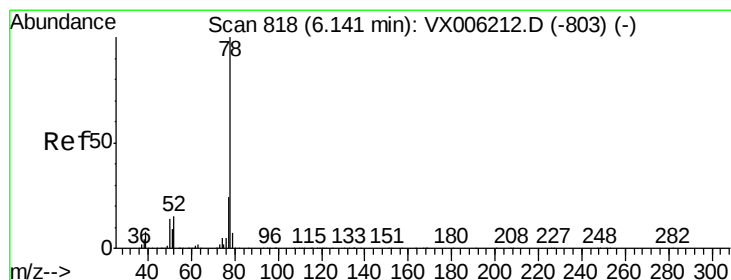
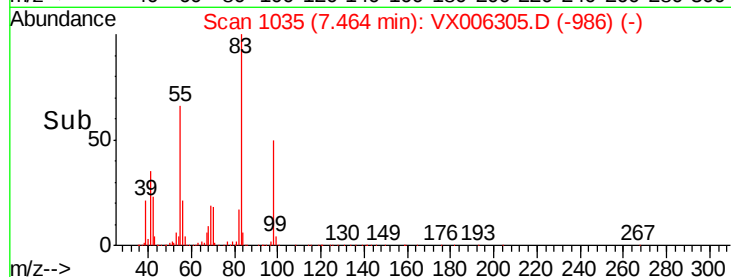
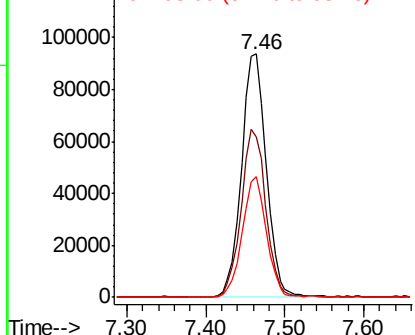
#39
Methvlcvclohexane
Concen: 18.692 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX006305.D
Acq: 05 Dec 2018 17:18

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	65.9	56.4	84.6
98	49.4	39.0	58.6

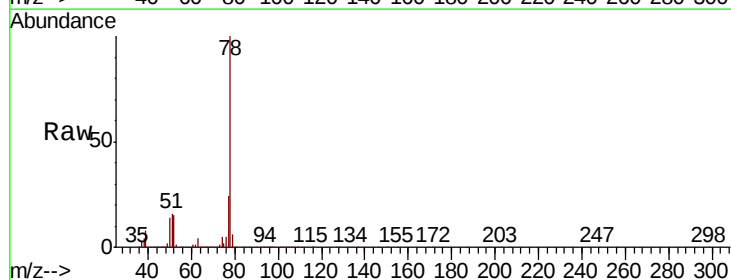


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

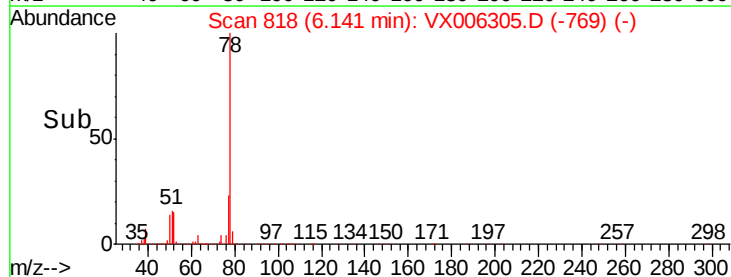
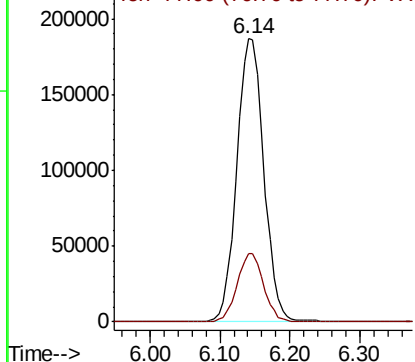


#40
Benzene
Concen: 19.718 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006305.D
Acq: 05 Dec 2018 17:18

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.2	28.8



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

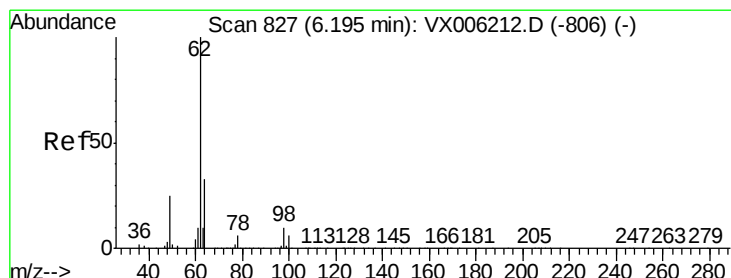
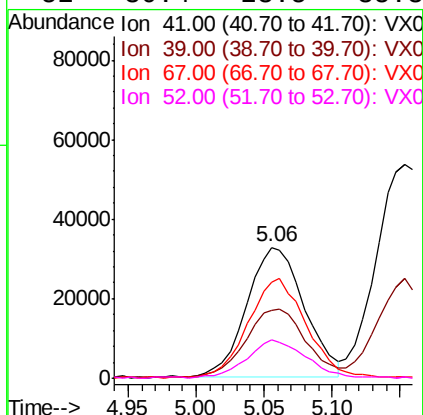
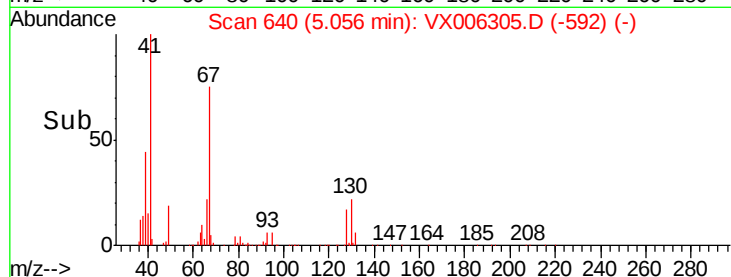
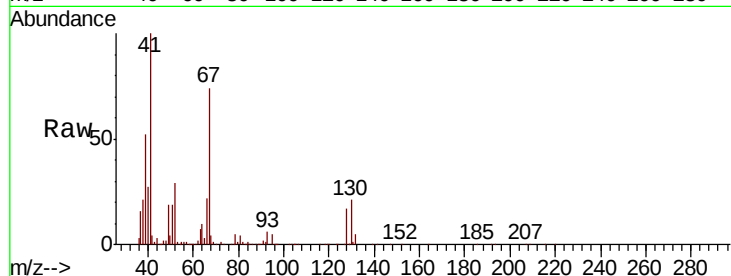




#41
Methacrylonitrile
Concen: 18.464 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX006305.D
Acq: 05 Dec 2018 17:18

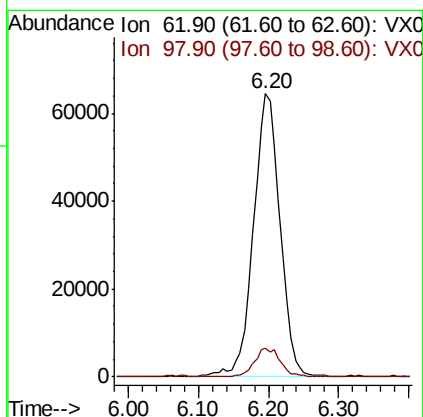
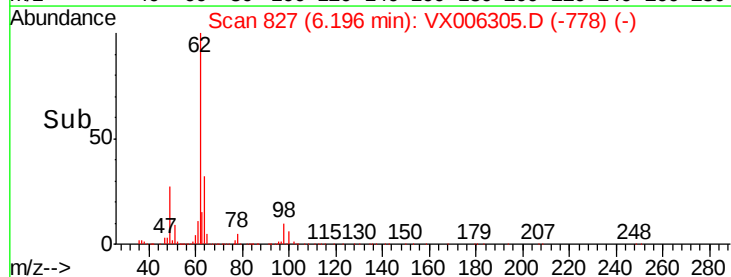
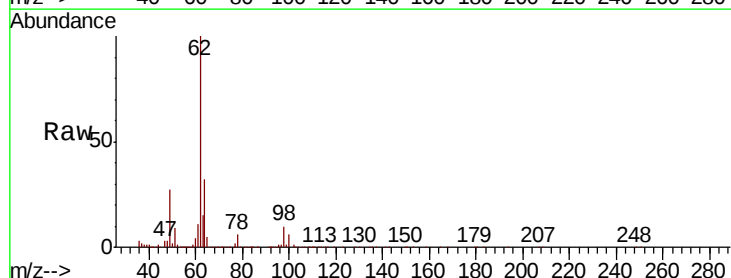
Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01

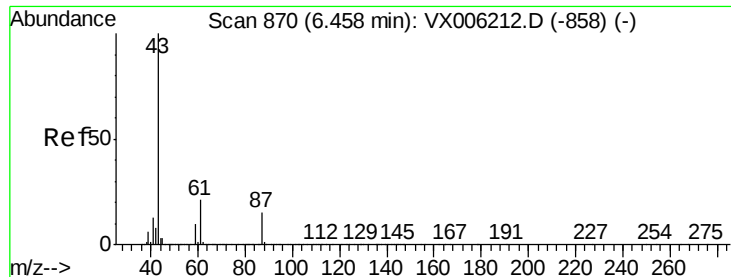
Tot Ion:	41	Resp:	96521
Ion	Ratio	Lower	Upper
41	100		
39	54.9	44.0	66.0
67	77.1	61.4	92.0
52	30.4	23.5	35.3



#42
1,2-Dichloroethane
Concen: 20.269 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX006305.D
Acq: 05 Dec 2018 17:18

Tgt Ion:	62	Resp:	168551
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.2



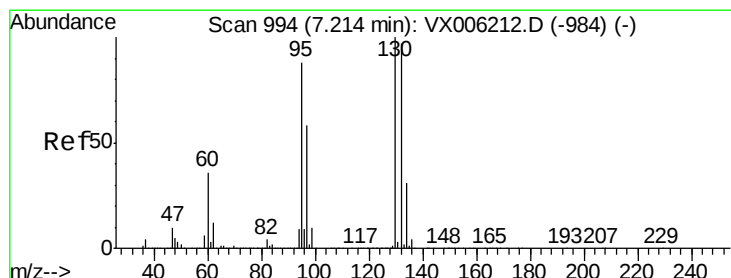
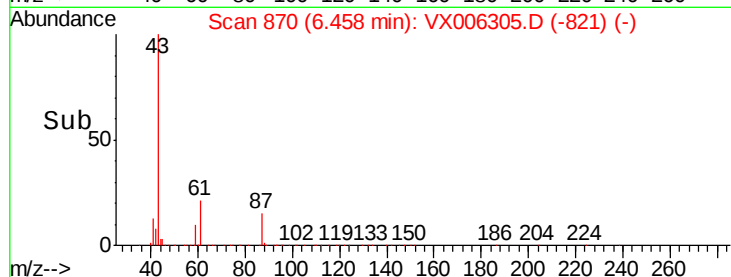
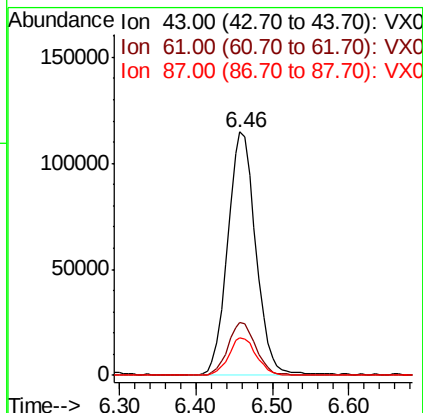
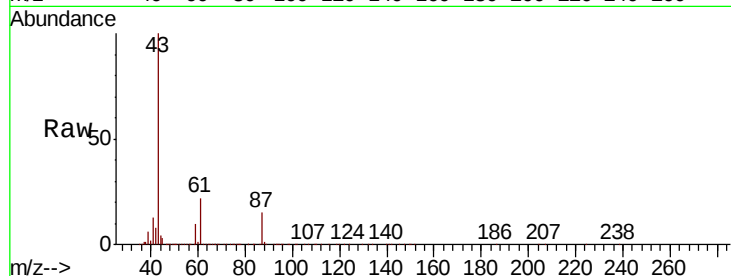


#43

Isopropyl Acetate
 Concen: 18.236 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: VX006305.D
 Acq: 05 Dec 2018 17:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1205WBSD01

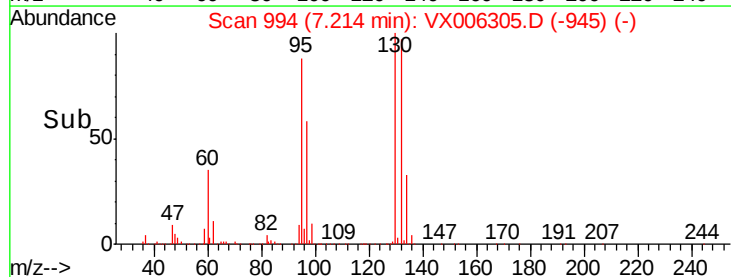
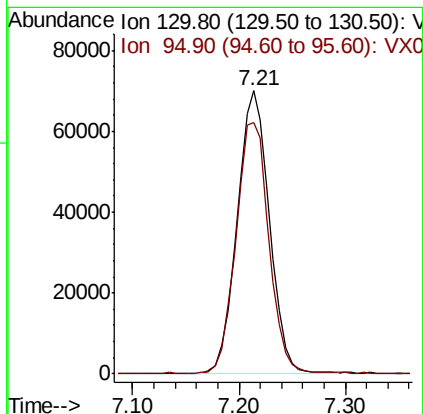
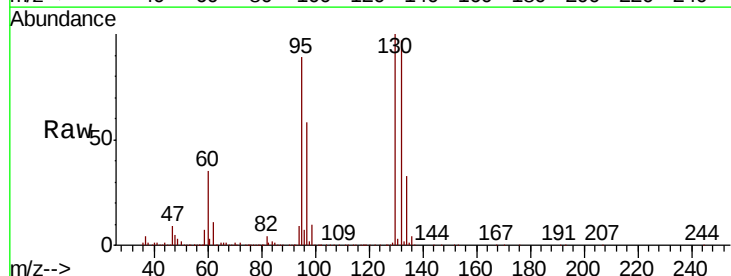
Tot Ion: 43 Resp: 288864
 Ion Ratio Lower Upper
 43 100
 61 21.7 16.8 25.2
 87 15.4 11.9 17.9

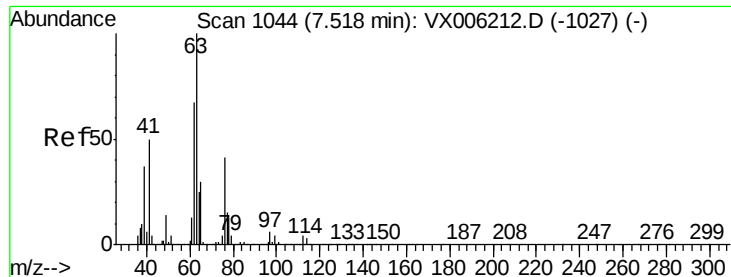


#44

Trichloroethene
 Concen: 19.293 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX006305.D
 Acq: 05 Dec 2018 17:18

Tgt Ion: 130 Resp: 148503
 Ion Ratio Lower Upper
 130 100
 95 88.5 0.0 175.8

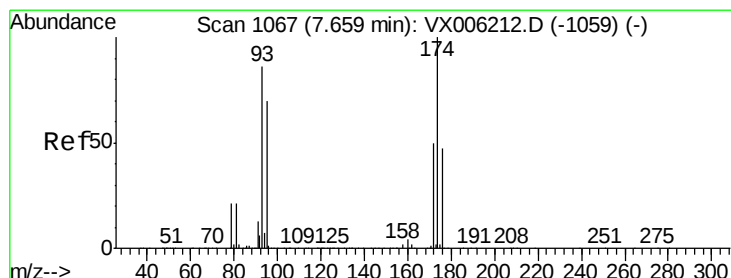
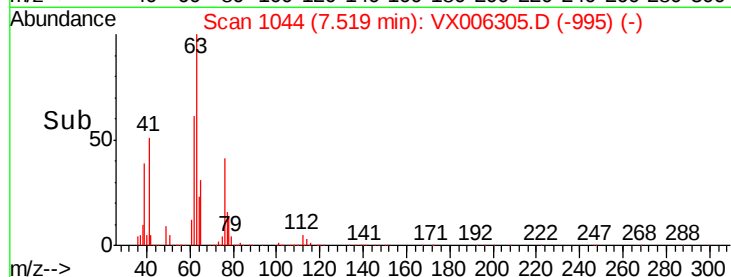
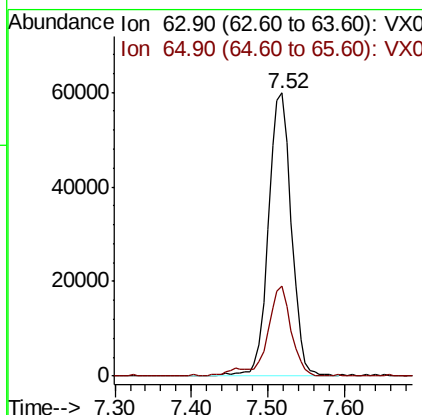
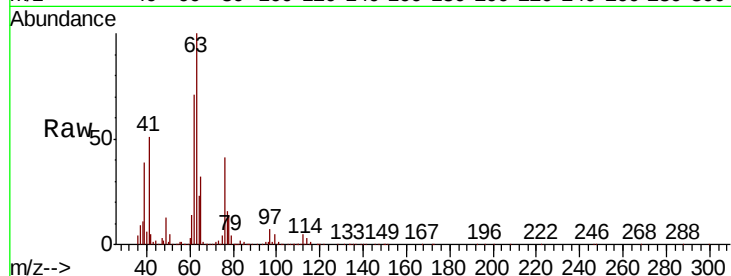




#45
 1,2-Dichloropropane
 Concen: 19.417 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VX006305.D
 Acq: 05 Dec 2018 17:18

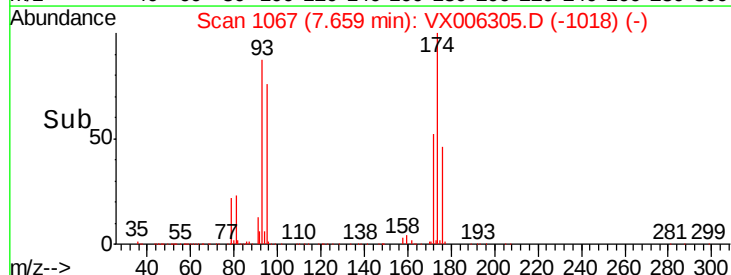
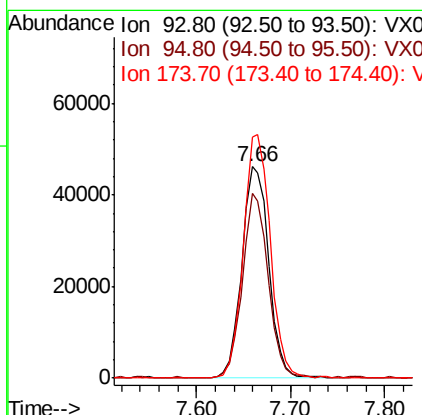
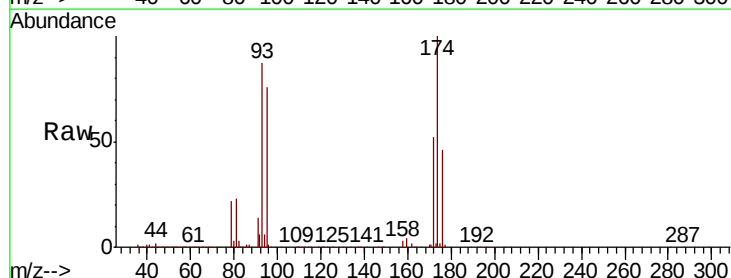
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1205WBSD01

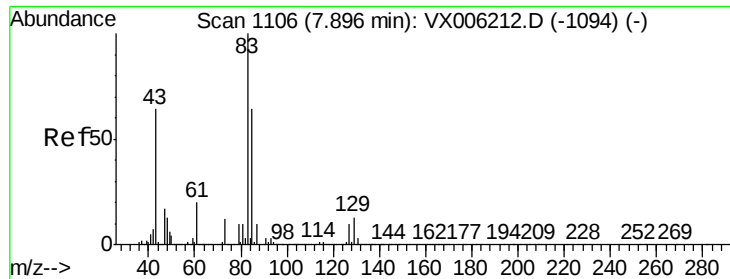
Tot Ion: 63 Resp: 125390
 Ion Ratio Lower Upper
 63 100
 65 31.6 24.3 36.5



#46
 Dibromomethane
 Concen: 19.784 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX006305.D
 Acq: 05 Dec 2018 17:18

Tgt Ion: 93 Resp: 92272
 Ion Ratio Lower Upper
 93 100
 95 83.3 66.2 99.4
 174 115.4 97.2 145.8





#47

Bromodichloromethane

Concen: 19.094 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006305.D

Acq: 05 Dec 2018 17:18

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBSD01

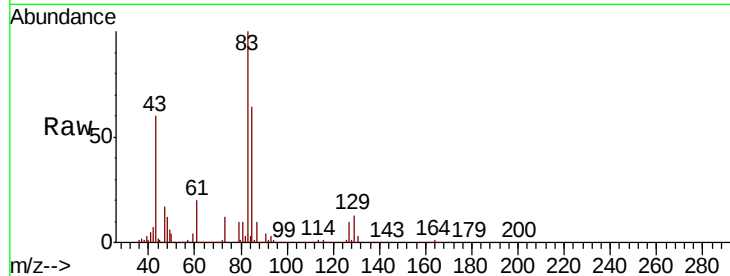
Tot Ion: 83 Resp: 172455

Ion Ratio Lower Upper

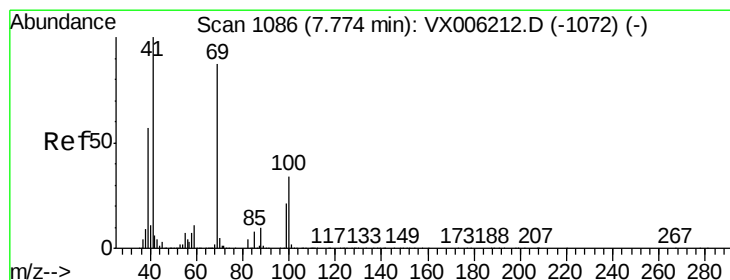
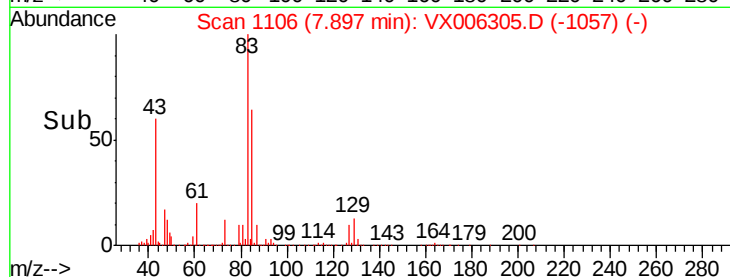
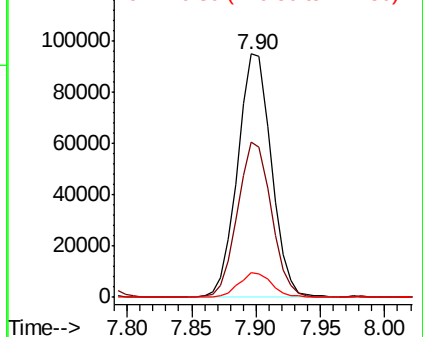
83 100

85 63.6 51.4 77.0

127 10.0 7.9 11.9



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



#48

Methyl methacrylate

Concen: 18.343 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX006305.D

Acq: 05 Dec 2018 17:18

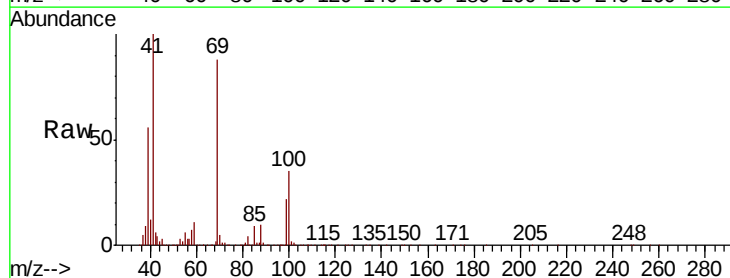
Tgt Ion: 41 Resp: 141347

Ion Ratio Lower Upper

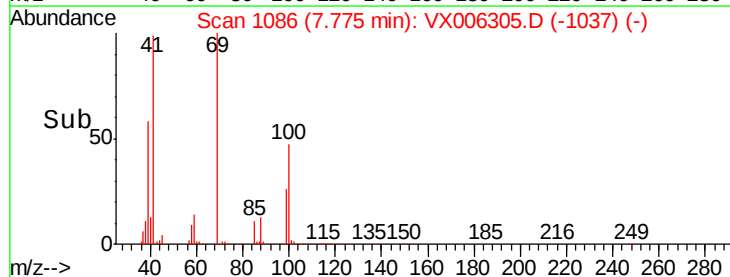
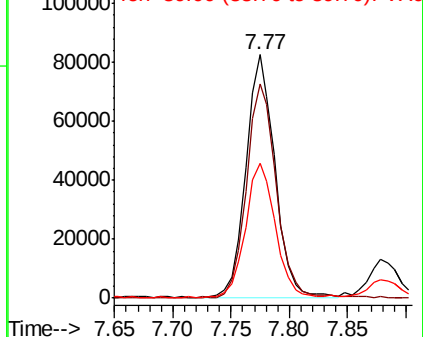
41 100

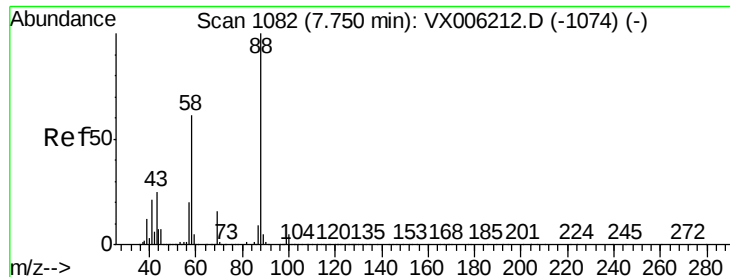
69 91.0 70.3 105.5

39 57.4 45.3 67.9



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





#49

1,4-Dioxane

Concen: 372.966 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006305.D

Acq: 05 Dec 2018 17:18

Instrument :

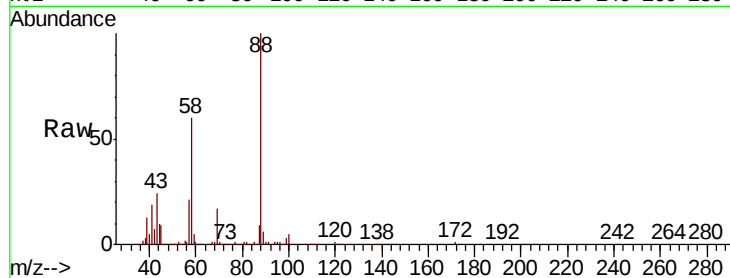
MSVOA_X

ClientSampleId :

VX1205WBSD01

Tot Ion: 88 Resp: 70835

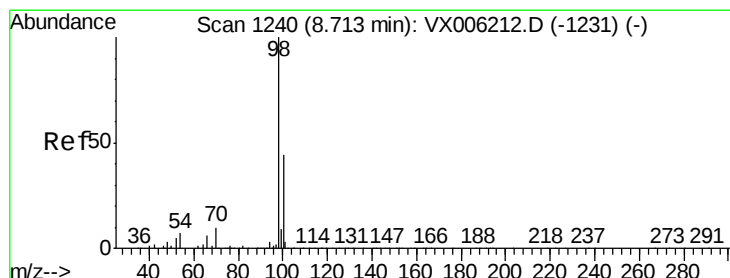
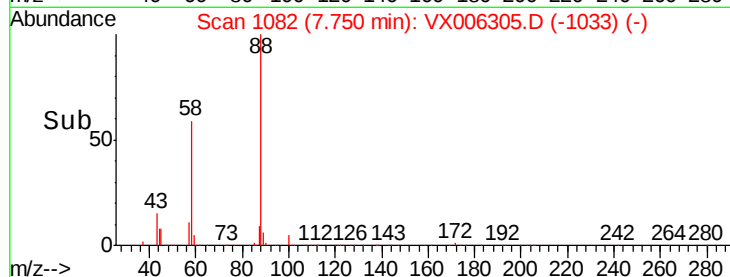
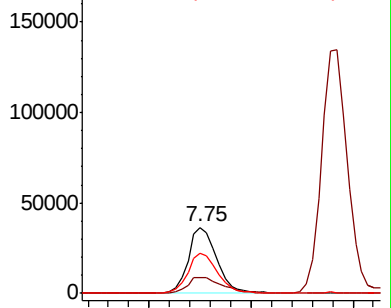
Ion	Ratio	Lower	Upper
88	100		
43	28.0	23.2	34.8
58	62.7	51.4	77.0



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 48.704 ug/l

RT: 8.71 min Scan# 1240

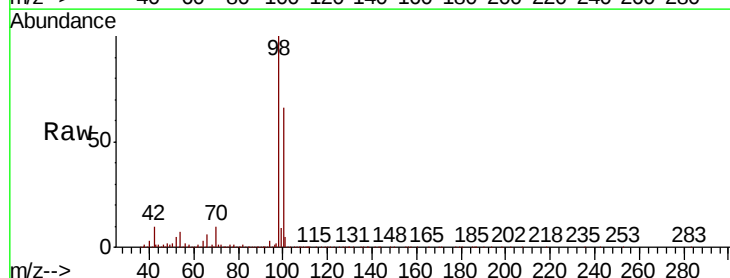
Delta R.T. 0.00 min

Lab File: VX006305.D

Acq: 05 Dec 2018 17:18

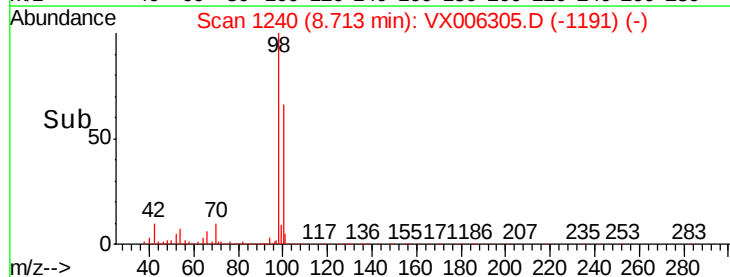
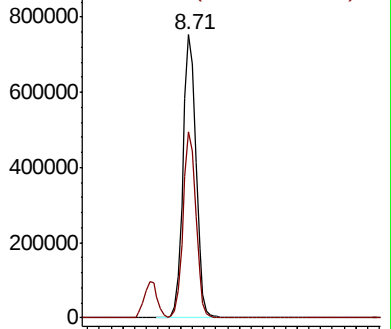
Tgt Ion: 98 Resp: 1155525

Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.2	78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 93.995 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX006305.D

Acq: 05 Dec 2018 17:18

Instrument :

MSVOA_X

ClientSampleId :

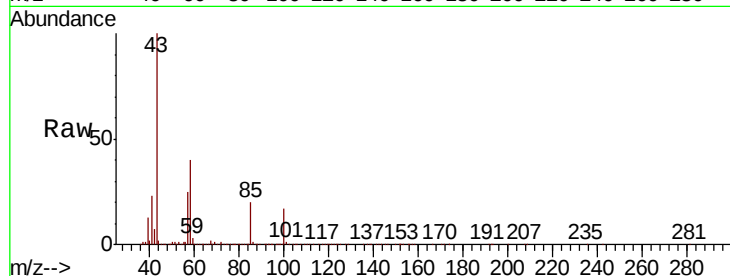
VX1205WBSD01

Tot Ion: 43 Resp: 866740

Ion Ratio Lower Upper

43 100

58 40.0 31.3 46.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

600000

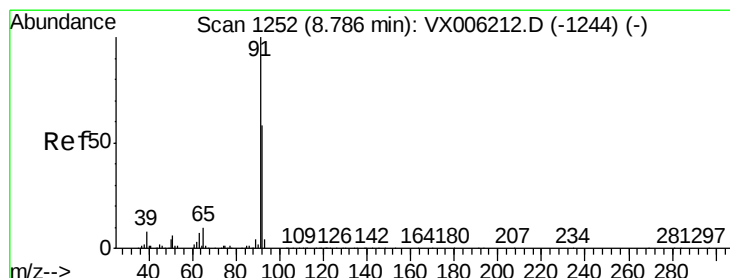
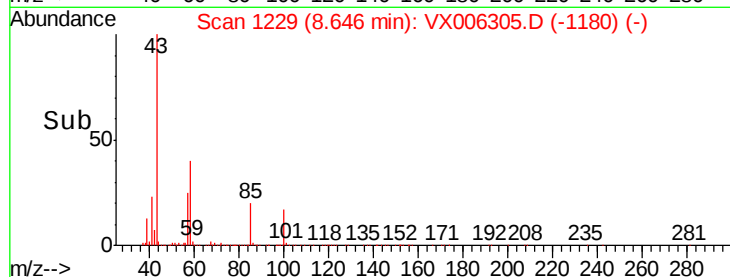
400000

200000

0

8.55 8.60 8.65 8.70

Time-->



#52

Toluene

Concen: 19.258 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX006305.D

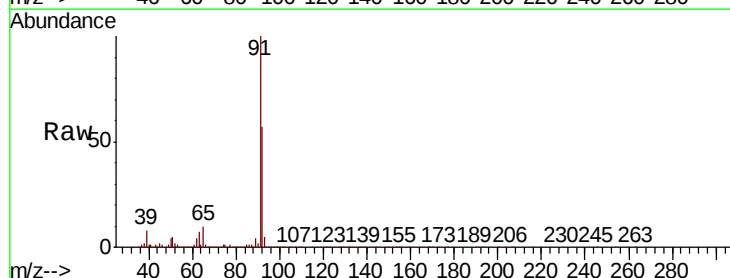
Acq: 05 Dec 2018 17:18

Tgt Ion: 92 Resp: 321923

Ion Ratio Lower Upper

92 100

91 174.1 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

400000

300000

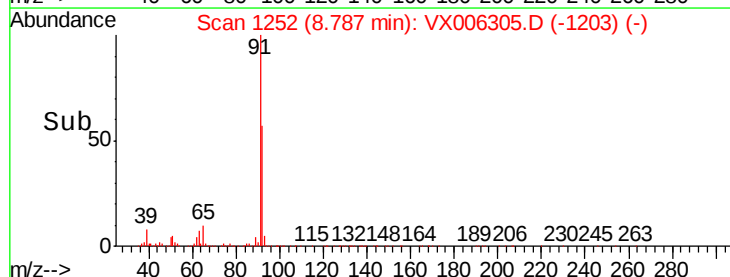
200000

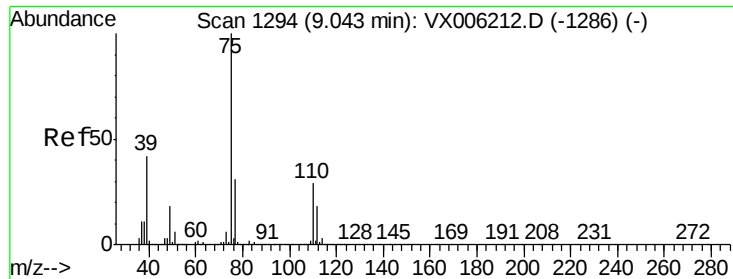
100000

0

8.70 8.80 8.90

Time-->





#53

t-1,3-Dichloropropene

Concen: 17.747 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX006305.D

Acq: 05 Dec 2018 17:18

Instrument :

MSVOA_X

ClientSampled :

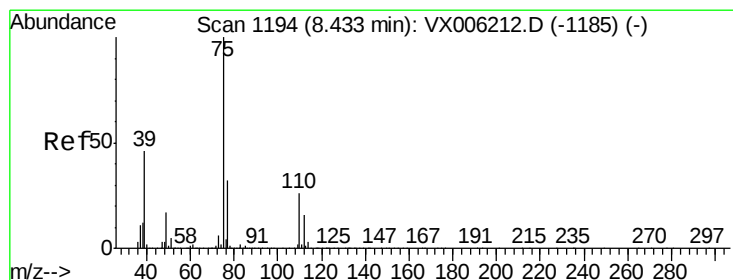
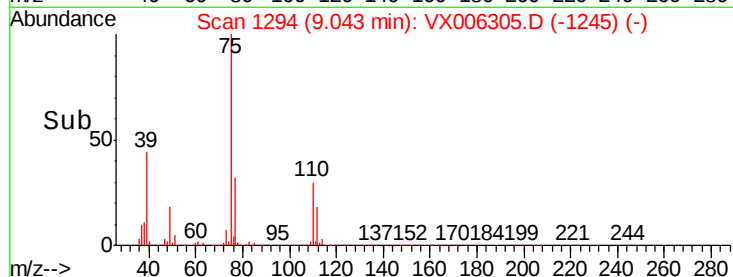
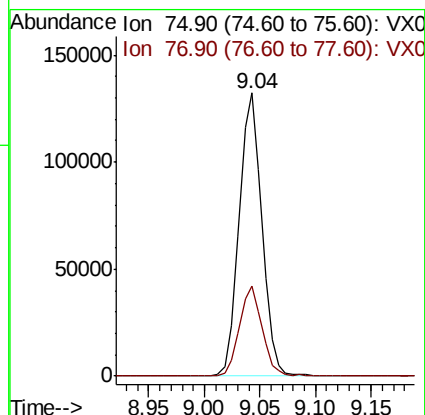
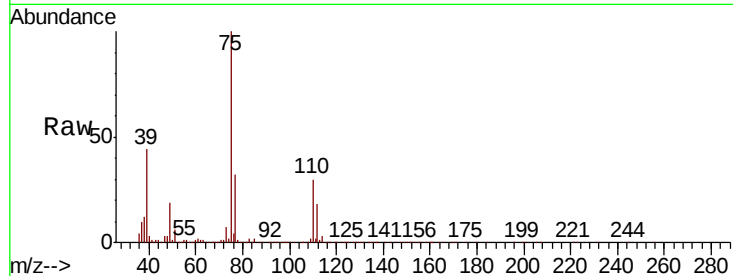
VX1205WBSD01

Tot Ion: 75 Resp: 187452

Ion Ratio Lower Upper

75 100

77 31.7 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 18.260 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX006305.D

Acq: 05 Dec 2018 17:18

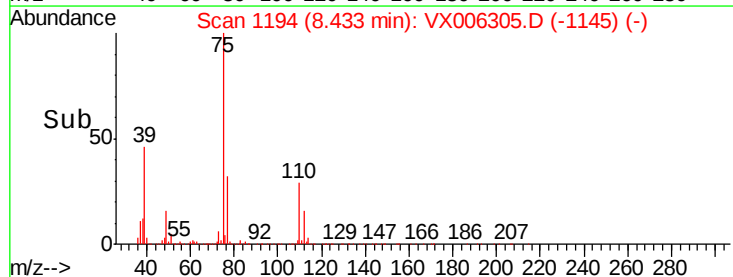
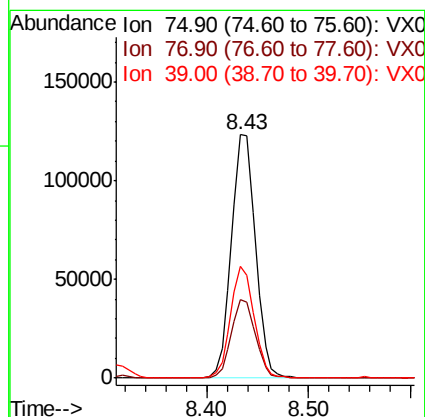
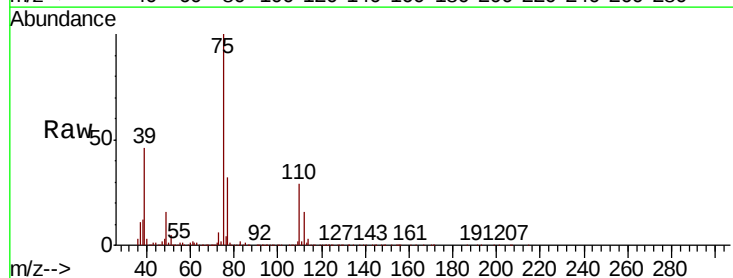
Tgt Ion: 75 Resp: 200281

Ion Ratio Lower Upper

75 100

77 32.3 25.6 38.4

39 45.6 36.5 54.7

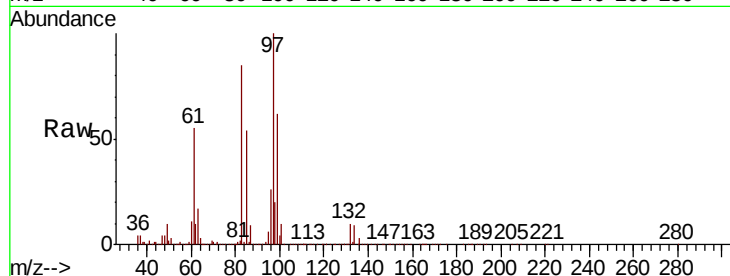




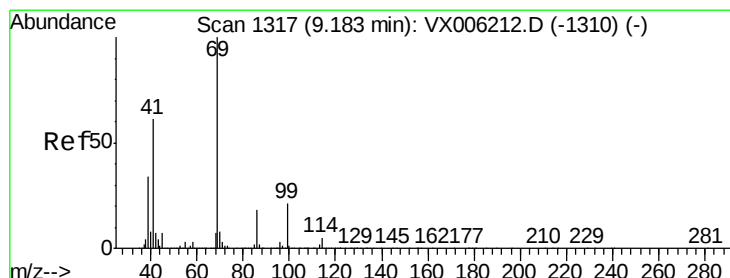
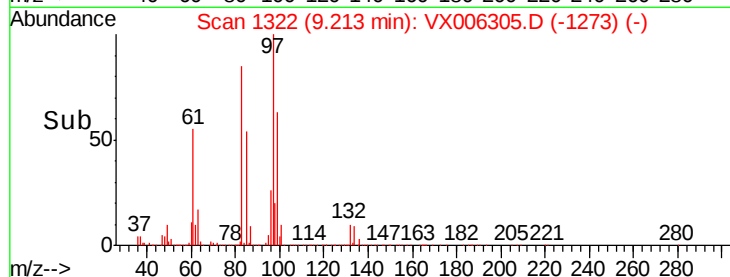
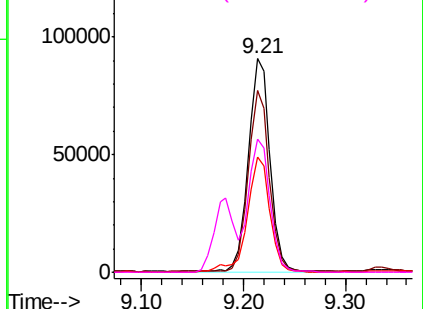
#55
 1,1,2-Trichloroethane
 Concen: 19.803 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX006305.D
 Acq: 05 Dec 2018 17:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1205WBSD01

Tot Ion:	97	Resp:	134483
Ion	Ratio	Lower	Upper
97	100		
83	84.7	67.1	100.7
85	54.0	43.2	64.8
99	62.5	49.8	74.6

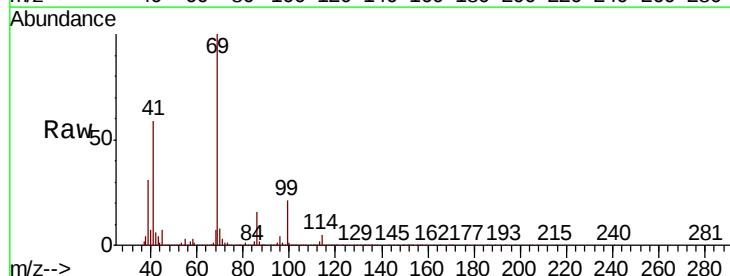


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

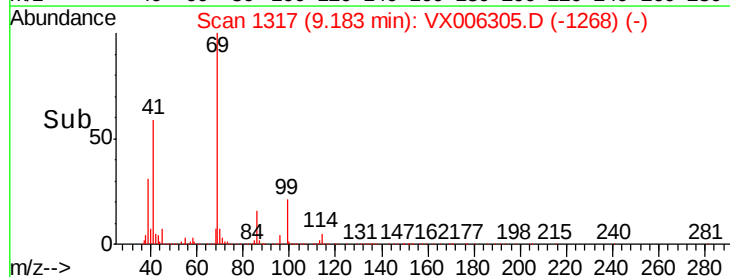
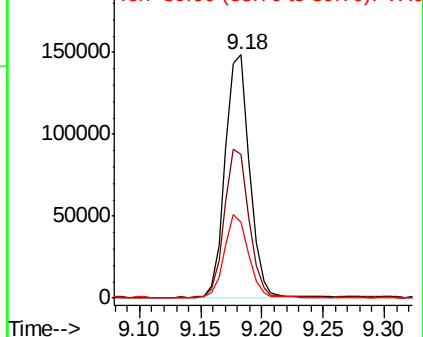


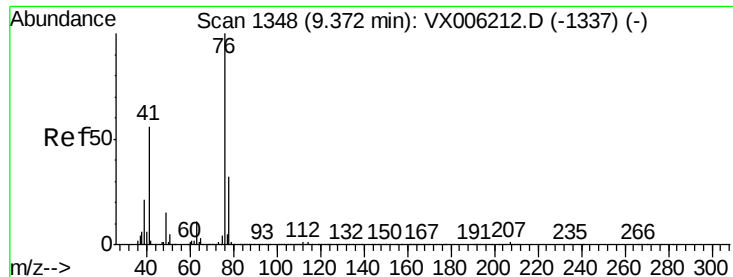
#56
 Ethyl methacrylate
 Concen: 19.301 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX006305.D
 Acq: 05 Dec 2018 17:18

Tgt Ion:	69	Resp:	204911
Ion	Ratio	Lower	Upper
69	100		
41	61.8	50.6	76.0
39	33.6	27.6	41.4



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





#57

1,3-Dichloropropane

Concen: 19.689 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX006305.D

Acq: 05 Dec 2018 17:18

Instrument :

MSVOA_X

ClientSampleId :

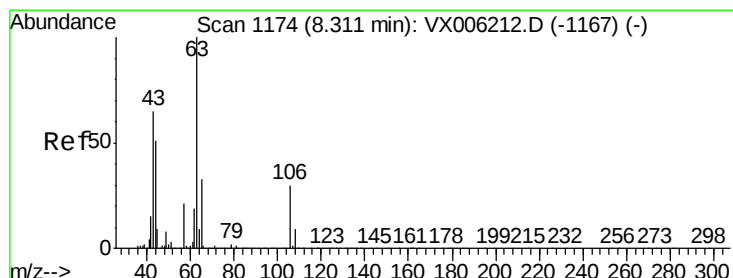
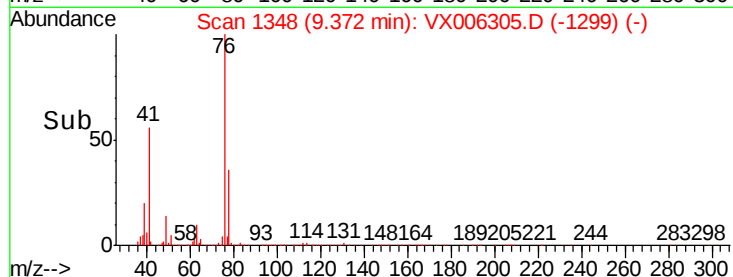
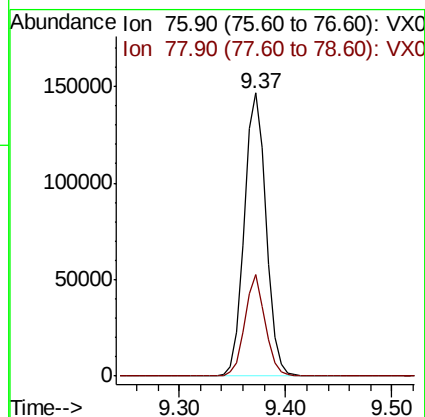
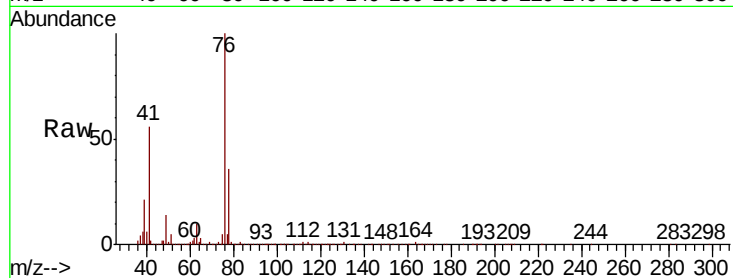
VX1205WBSD01

Tot Ion: 76 Resp: 211431

Ion Ratio Lower Upper

76 100

78 33.3 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 96.393 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX006305.D

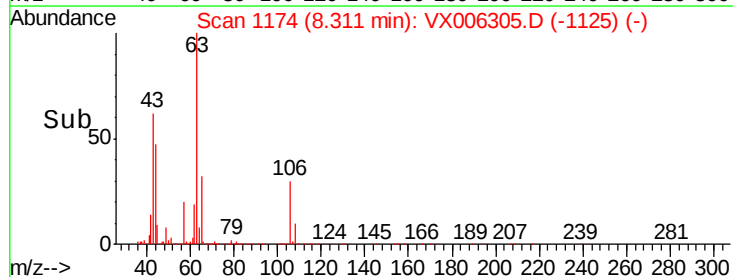
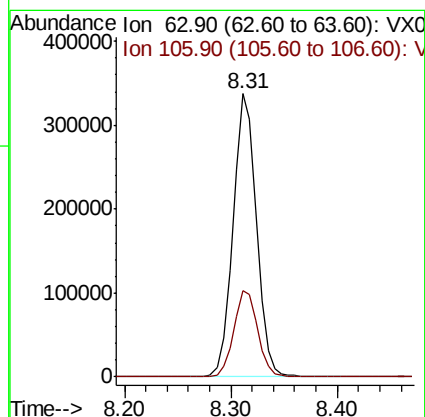
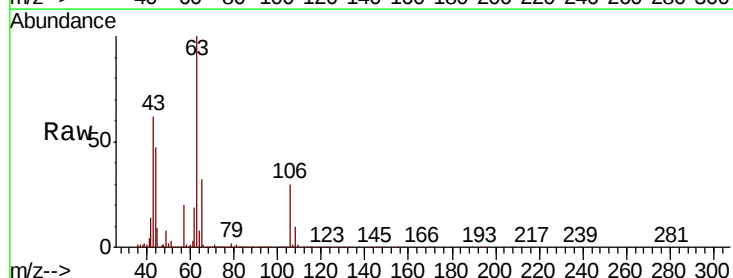
Acq: 05 Dec 2018 17:18

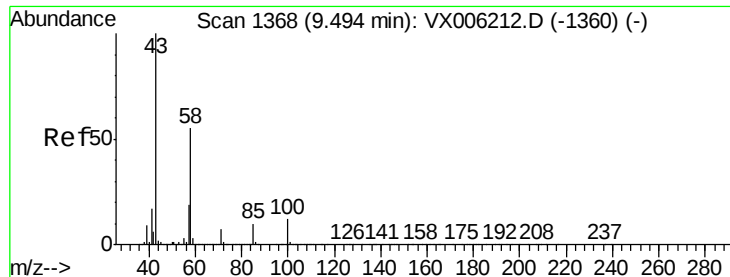
Tgt Ion: 63 Resp: 519314

Ion Ratio Lower Upper

63 100

106 31.3 24.9 37.3

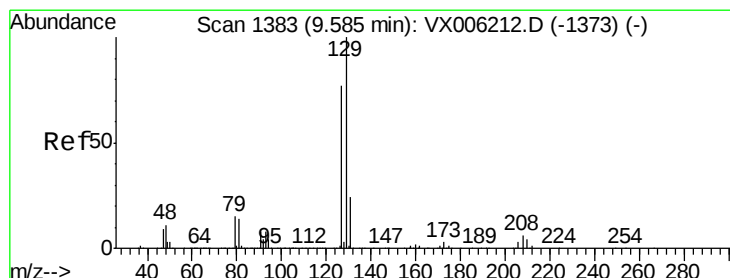
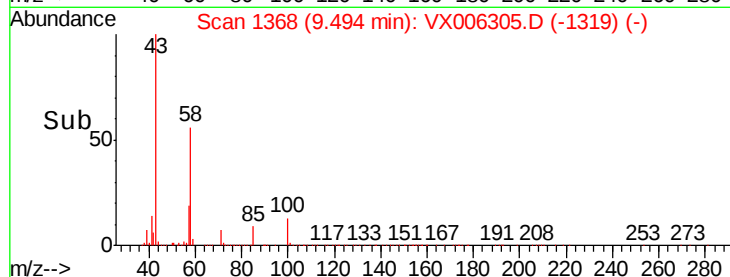
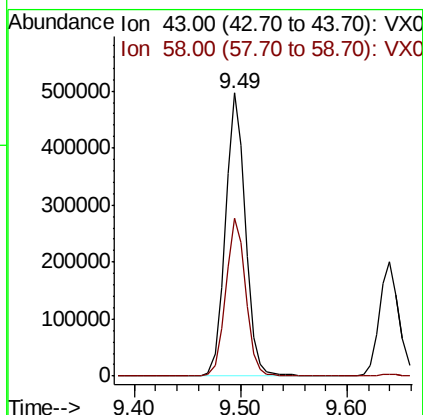
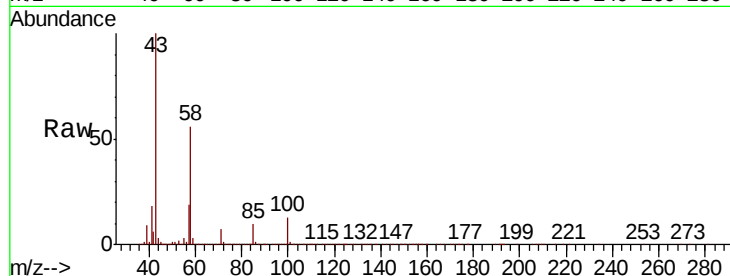




#59
2-Hexanone
Concen: 92.318 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006305.D
Acq: 05 Dec 2018 17:18

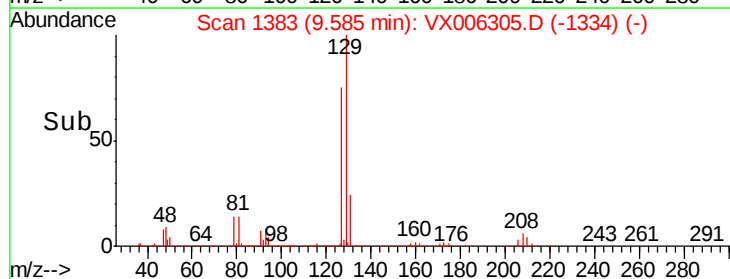
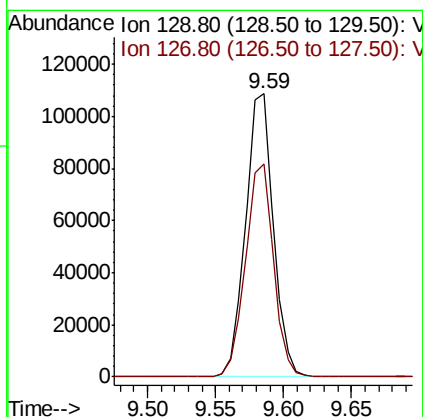
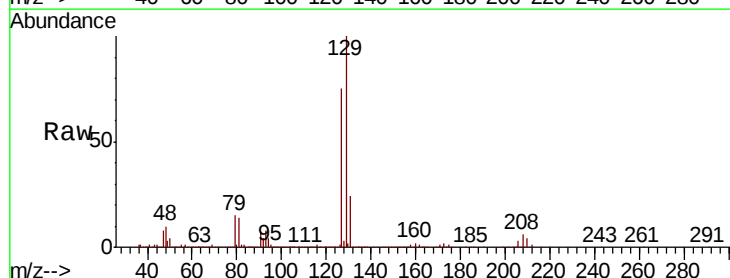
Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01

Tot Ion: 43 Resp: 650375
Ion Ratio Lower Upper
43 100
58 56.0 27.7 83.1



#60
Dibromochloromethane
Concen: 18.711 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX006305.D
Acq: 05 Dec 2018 17:18

Tgt Ion: 129 Resp: 156689
Ion Ratio Lower Upper
129 100
127 75.6 38.6 115.8





#61

1,2-Dibromoethane

Concen: 19.175 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006305.D

Acq: 05 Dec 2018 17:18

Instrument :

MSVOA_X

ClientSampleId :

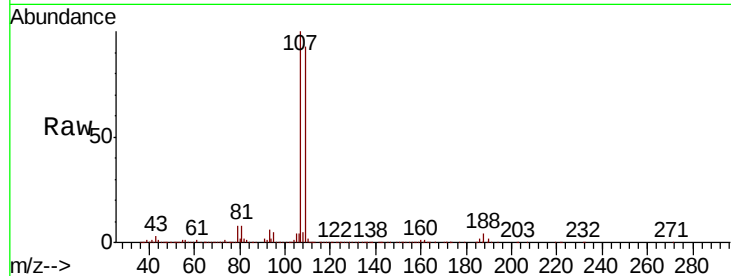
VX1205WBSD01

Tot Ion:107 Resp: 145608

Ion Ratio Lower Upper

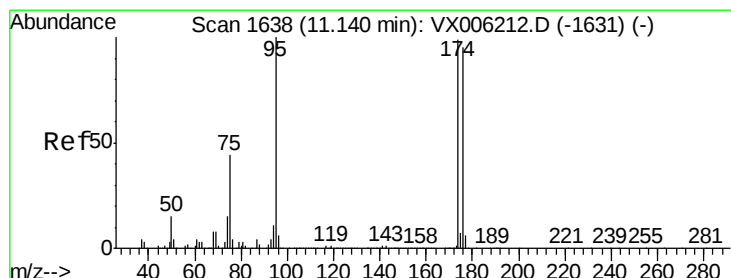
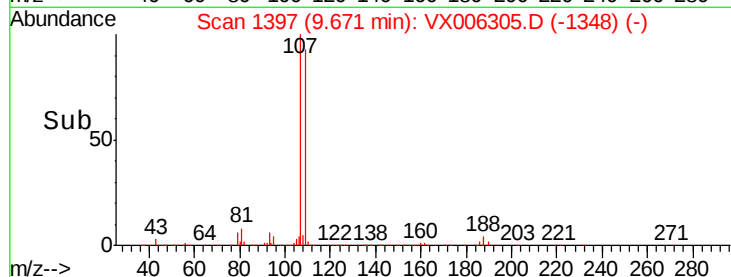
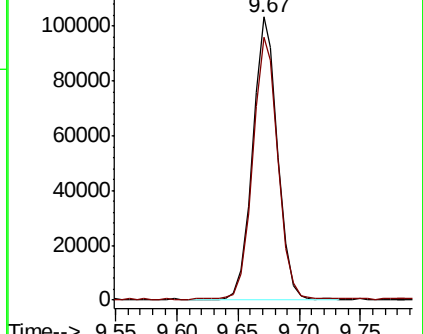
107 100

109 94.0 76.3 114.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.132 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006305.D

Acq: 05 Dec 2018 17:18

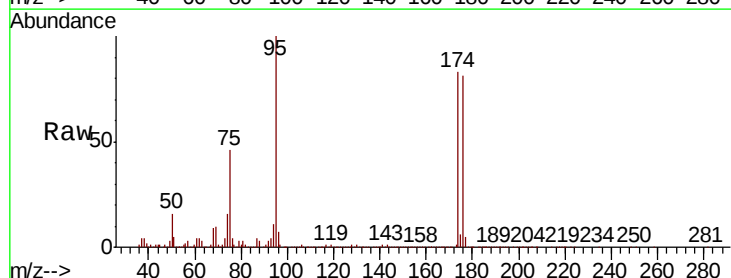
Tgt Ion: 95 Resp: 421385

Ion Ratio Lower Upper

95 100

174 90.3 0.0 187.0

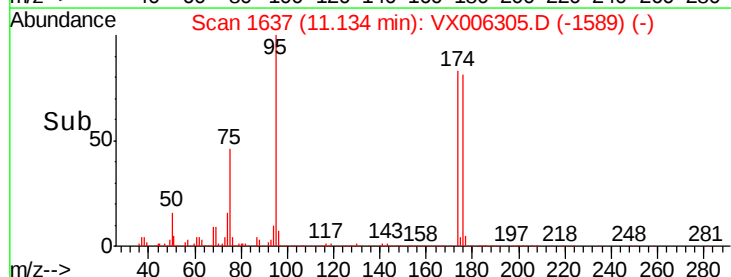
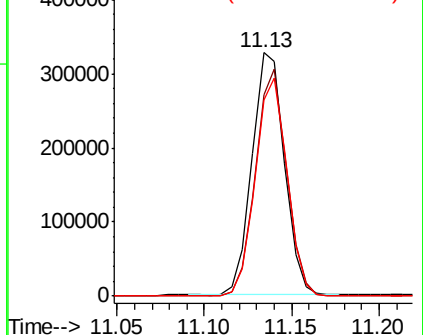
176 88.5 0.0 181.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

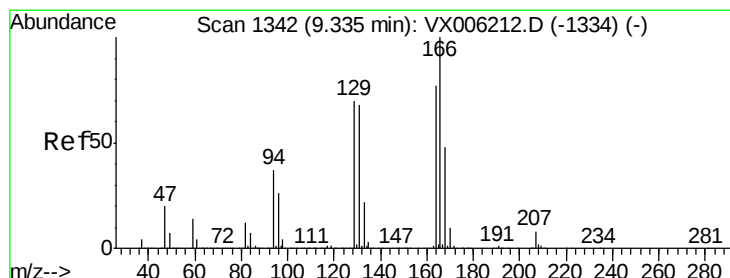
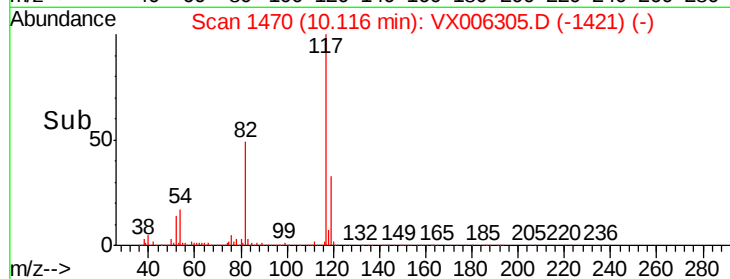
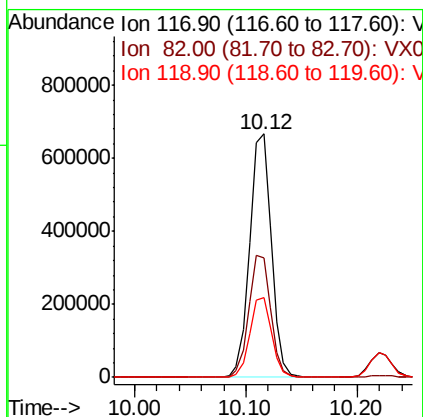
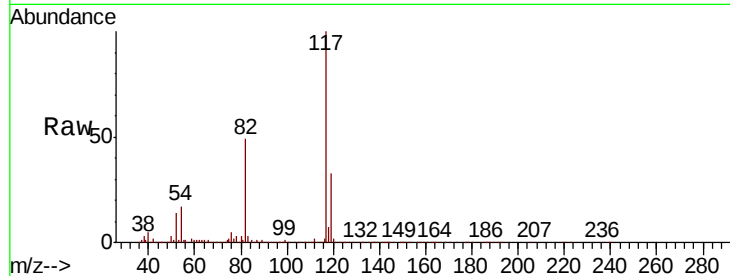




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006305.D
Acq: 05 Dec 2018 17:18

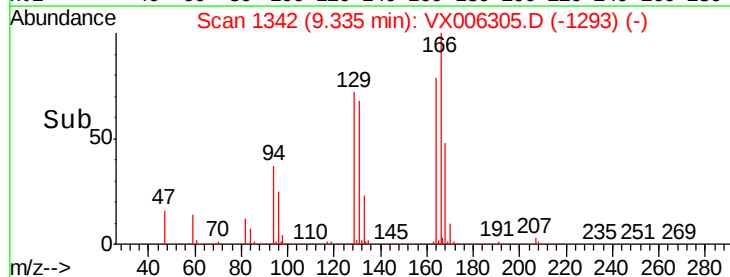
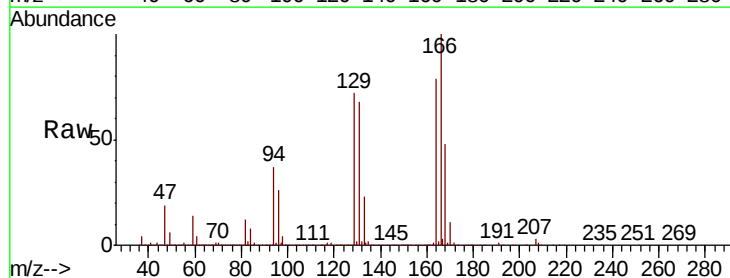
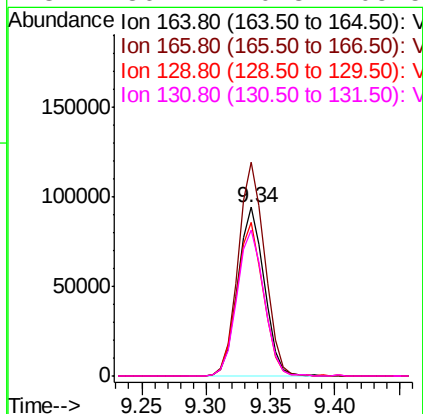
Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01

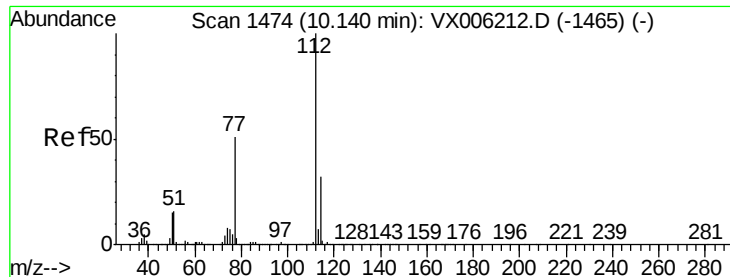
Tot Ion	Ratio	Lower	Upper
117	100		
82	49.0	39.6	59.4
119	32.7	26.3	39.5



#64
Tetrachloroethene
Concen: 19.867 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006305.D
Acq: 05 Dec 2018 17:18

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.3	104.2	156.2
129	90.7	72.6	108.8
131	86.1	70.3	105.5





#65

Chlorobenzene

Concen: 19.512 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX006305.D

Acq: 05 Dec 2018 17:18

Instrument :

MSVOA_X

ClientSampleId :

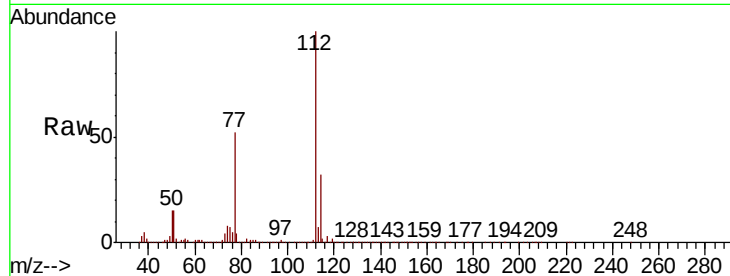
VX1205WBSD01

Tot Ion:112 Resp: 373728

Ion Ratio Lower Upper

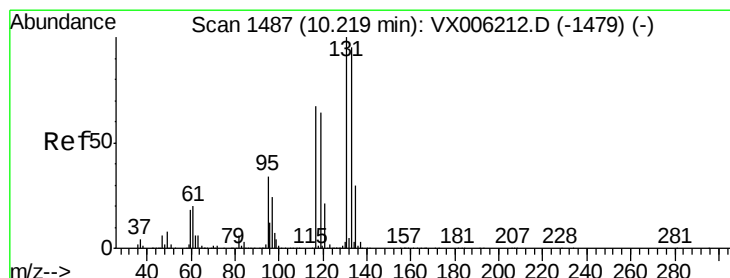
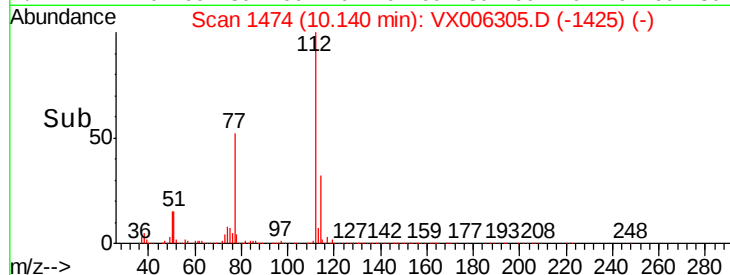
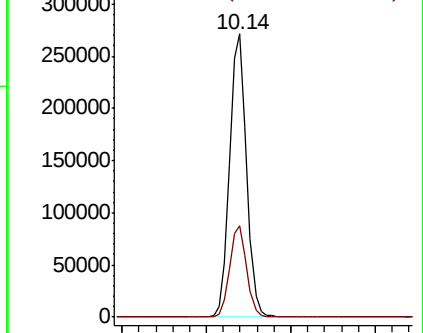
112 100

114 32.2 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.082 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX006305.D

Acq: 05 Dec 2018 17:18

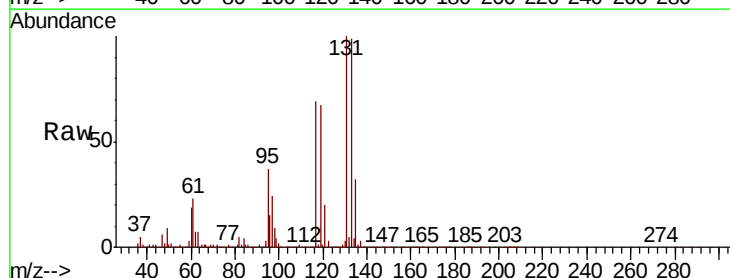
Tgt Ion:131 Resp: 142008

Ion Ratio Lower Upper

131 100

133 96.8 48.1 144.4

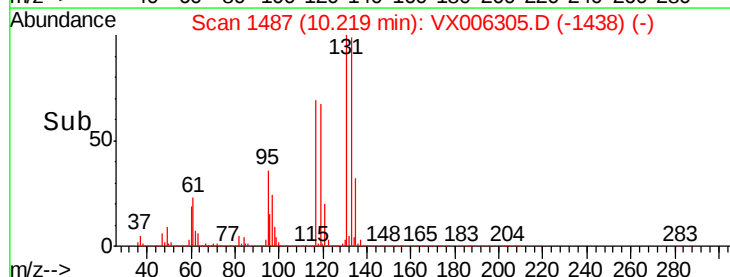
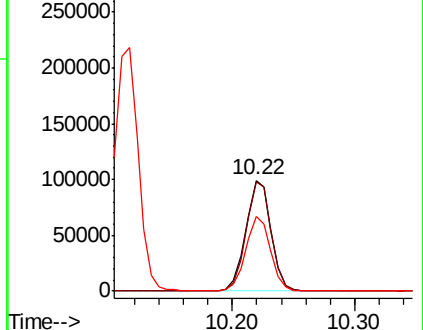
119 65.1 32.1 96.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

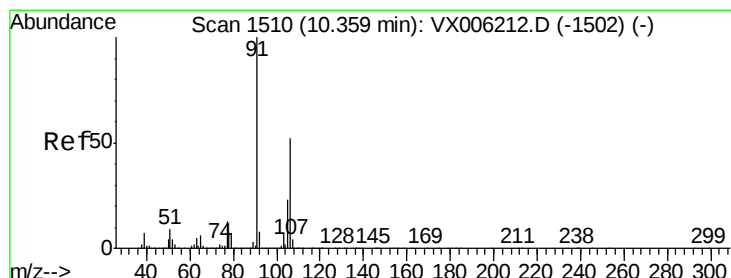
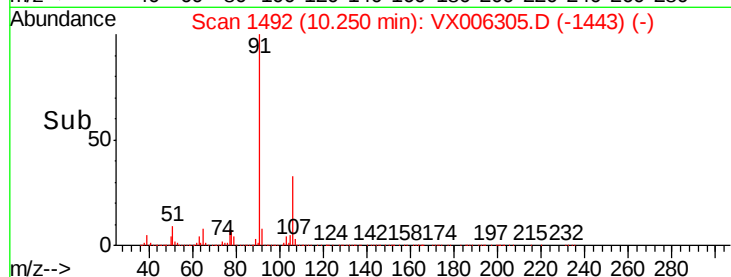
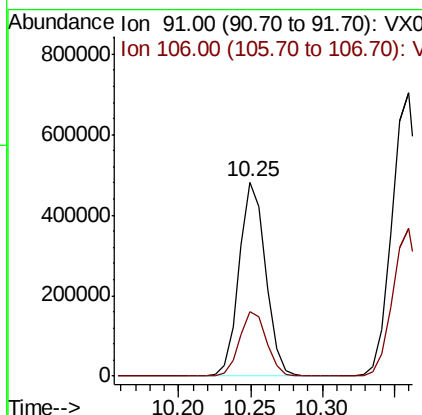
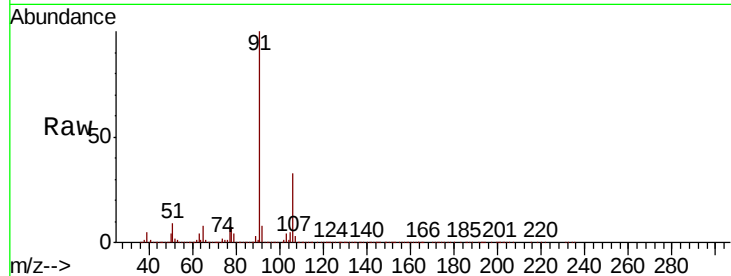




#67
Ethyl Benzene
Concen: 19.346 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX006305.D
Acq: 05 Dec 2018 17:18

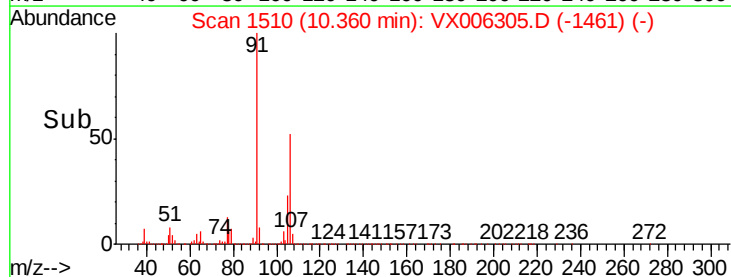
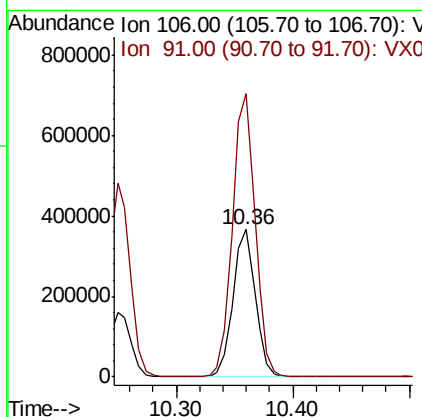
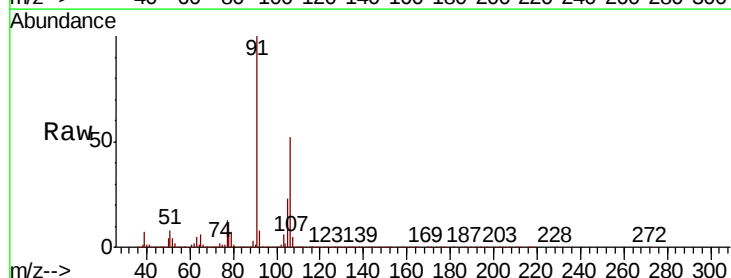
Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01

Tot Ion: 91 Resp: 616312
Ion Ratio Lower Upper
91 100
106 33.1 26.5 39.7



#68
m/p-Xylenes
Concen: 38.362 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX006305.D
Acq: 05 Dec 2018 17:18

Tgt Ion: 106 Resp: 489541
Ion Ratio Lower Upper
106 100
91 195.4 155.2 232.8

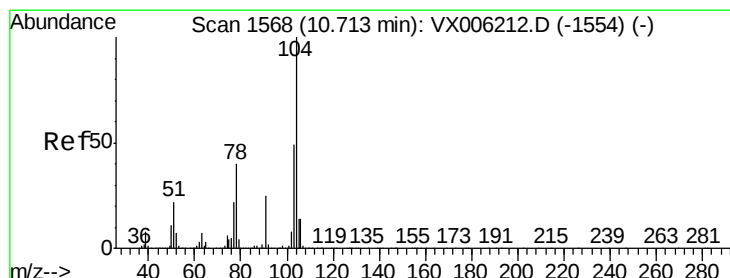
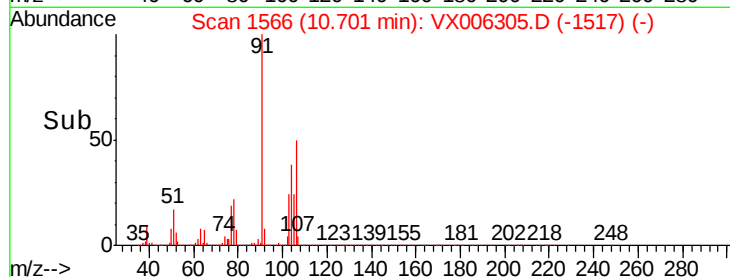
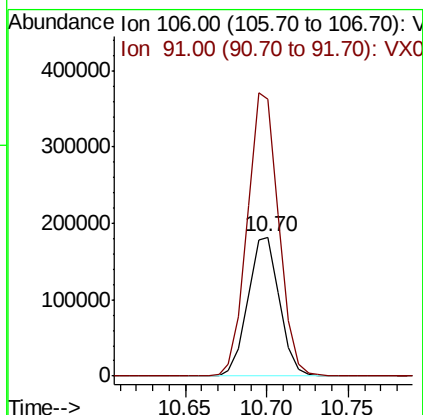
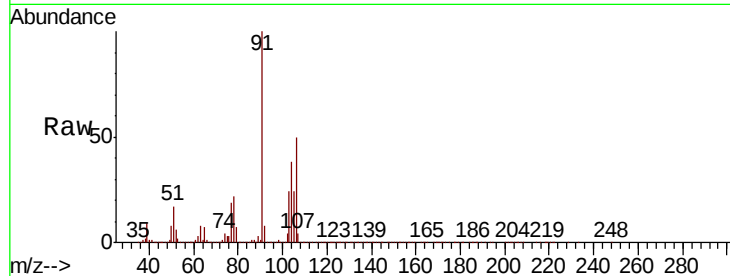




#69
o-Xylene
Concen: 19.365 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006305.D
Acq: 05 Dec 2018 17:18

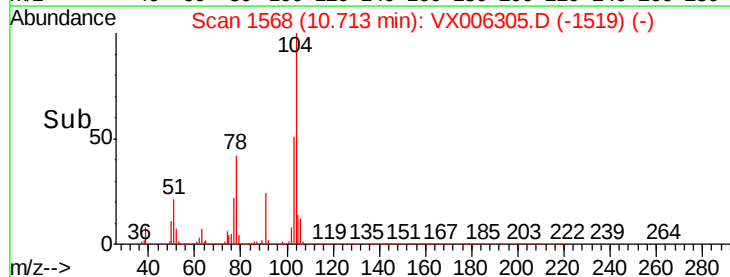
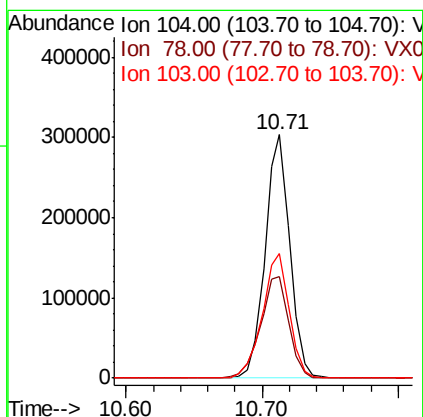
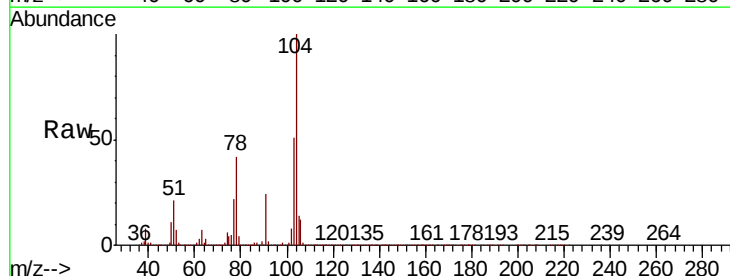
Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01

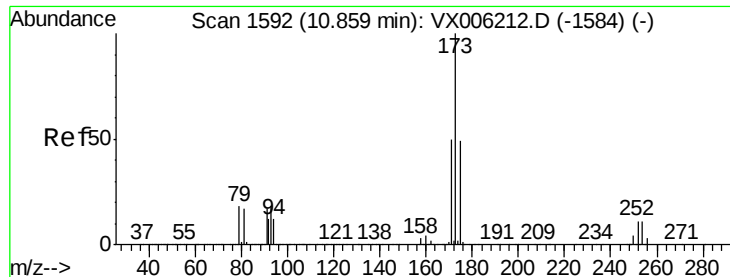
Tot Ion:106 Resp: 244096
Ion Ratio Lower Upper
106 100
91 203.0 101.8 305.6



#70
Styrene
Concen: 18.928 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006305.D
Acq: 05 Dec 2018 17:18

Tgt Ion:104 Resp: 385883
Ion Ratio Lower Upper
104 100
78 47.8 37.2 55.8
103 56.1 43.5 65.3





#71

Bromoform

Concen: 16.703 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006305.D

Acq: 05 Dec 2018 17:18

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBSD01

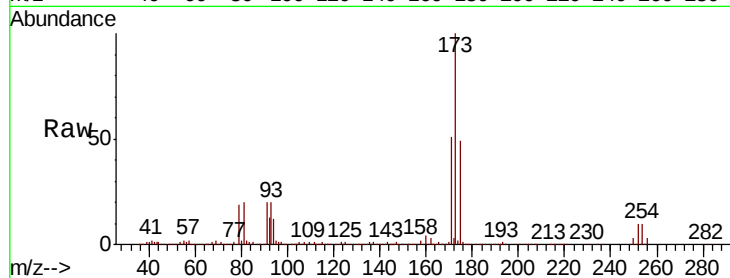
Tot Ion:173 Resp: 117342

Ion Ratio Lower Upper

173 100

175 48.6 24.6 73.8

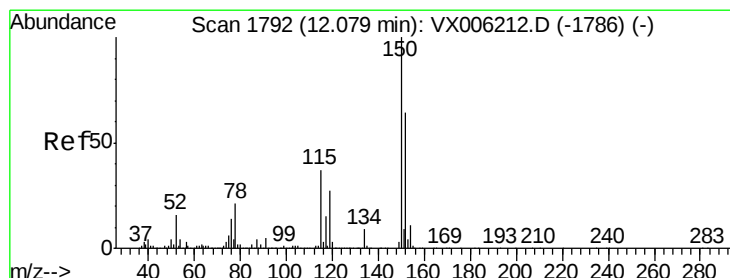
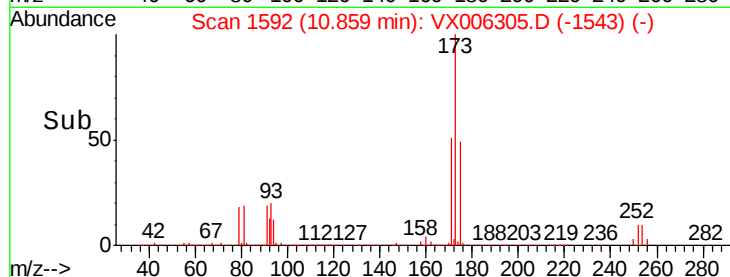
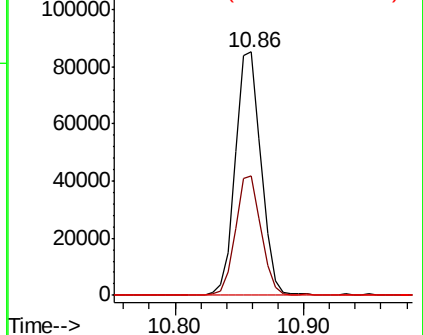
254 0.2 0.2 0.2



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: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006305.D

Acq: 05 Dec 2018 17:18

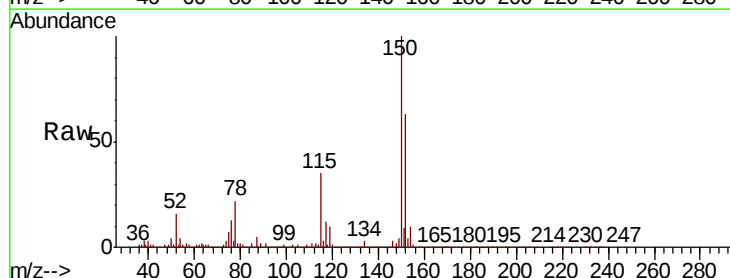
Tgt Ion:152 Resp: 447740

Ion Ratio Lower Upper

152 100

115 64.2 39.0 116.9

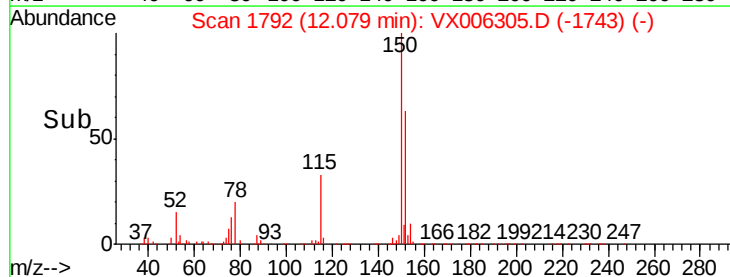
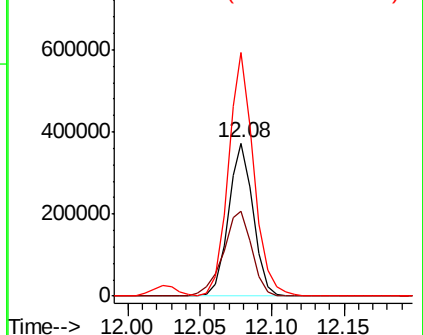
150 163.0 0.0 345.8

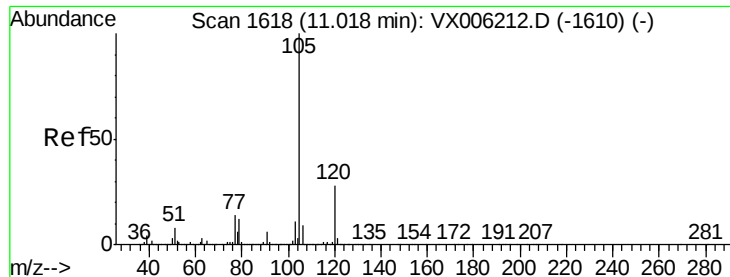


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.763 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006305.D

Acq: 05 Dec 2018 17:18

Instrument :

MSVOA_X

ClientSampleId :

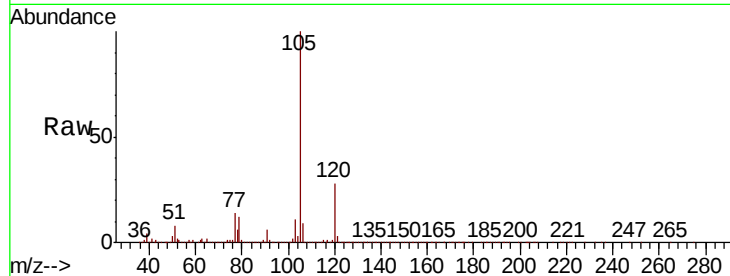
VX1205WBSD01

Tot Ion:105 Resp: 642014

Ion Ratio Lower Upper

105 100

120 27.9 14.1 42.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

500000

400000

300000

200000

100000

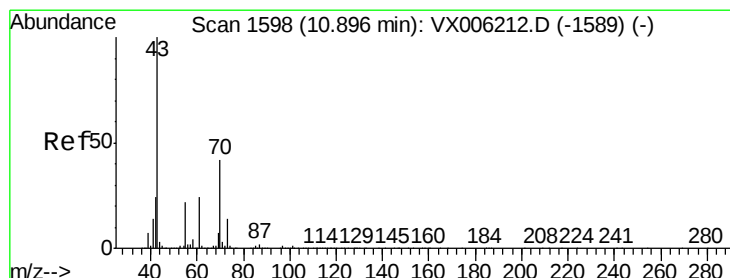
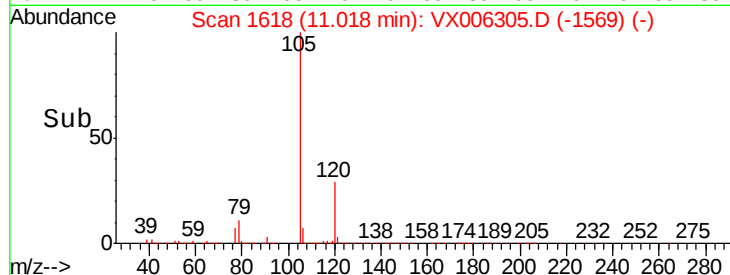
0

11.02

11.00

11.10

Time-->



#74

N-ethyl acetate

Concen: 19.168 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006305.D

Acq: 05 Dec 2018 17:18

Tgt Ion: 43 Resp: 255222

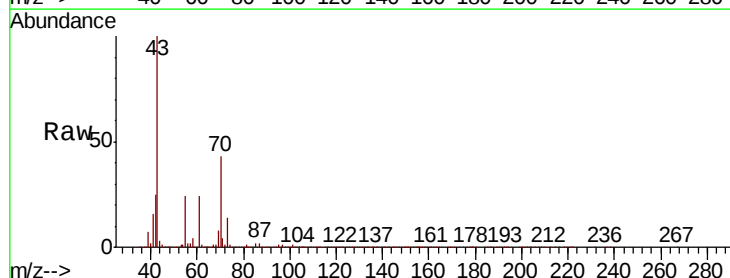
Ion Ratio Lower Upper

43 100

70 43.9 34.1 51.1

55 23.5 17.8 26.8

61 24.3 19.7 29.5



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

300000

200000

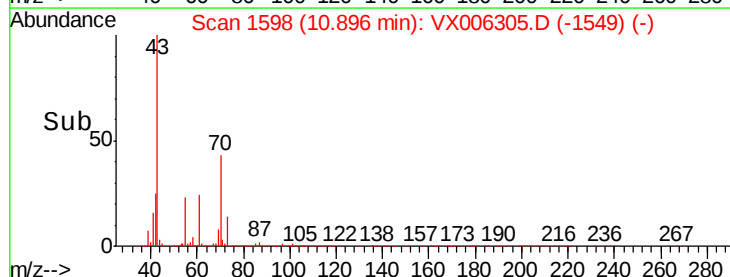
100000

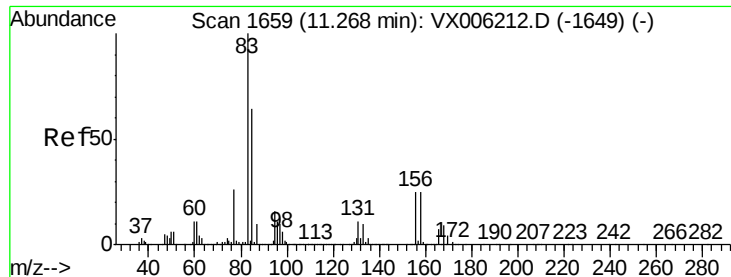
0

10.90

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.132 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006305.D

Acq: 05 Dec 2018 17:18

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBSD01

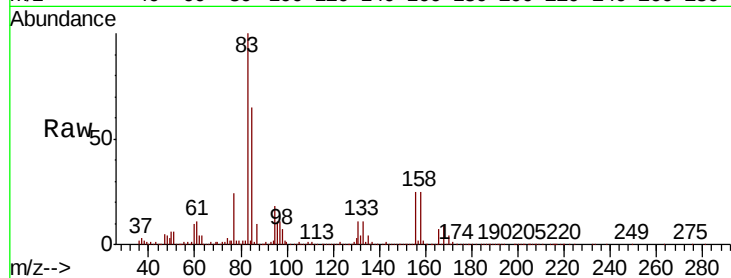
Tot Ion: 83 Resp: 199143

Ion Ratio Lower Upper

83 100

131 11.1 5.7 17.1

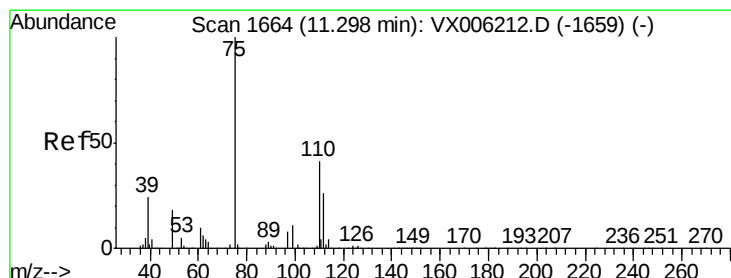
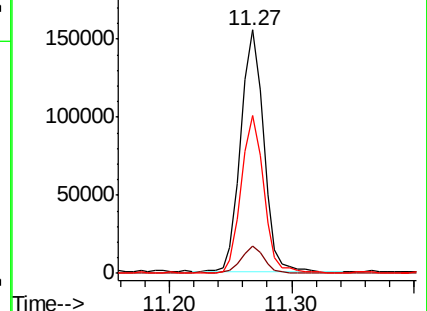
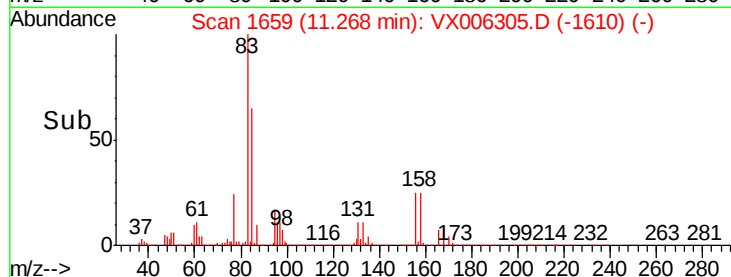
85 64.1 32.1 96.5



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: 26.619 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006305.D

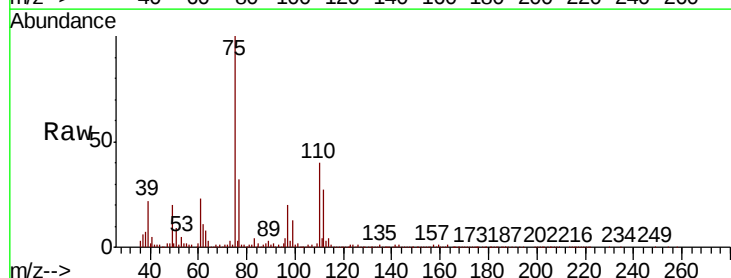
Acq: 05 Dec 2018 17:18

Tgt Ion: 75 Resp: 230040

Ion Ratio Lower Upper

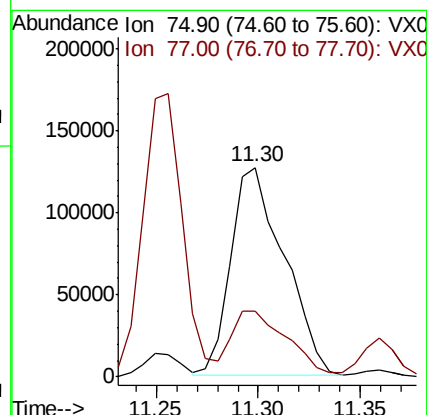
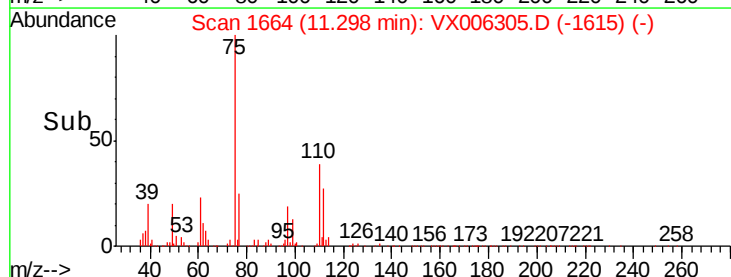
75 100

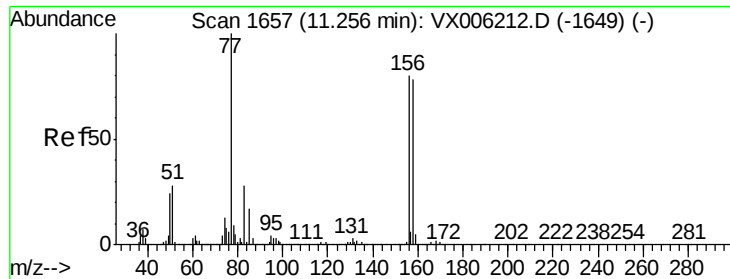
77 31.9 19.9 59.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.974 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006305.D

Acq: 05 Dec 2018 17:18

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBSD01

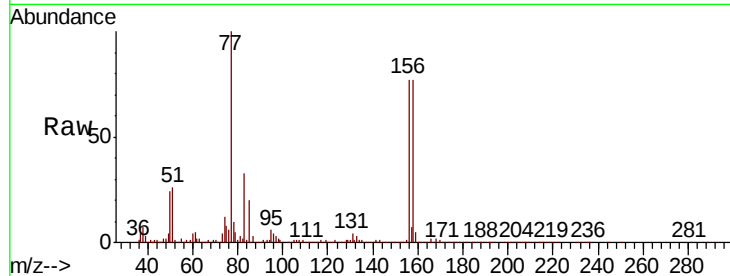
Tot Ion:156 Resp: 171393

Ion Ratio Lower Upper

156 100

77 135.9 66.2 198.6

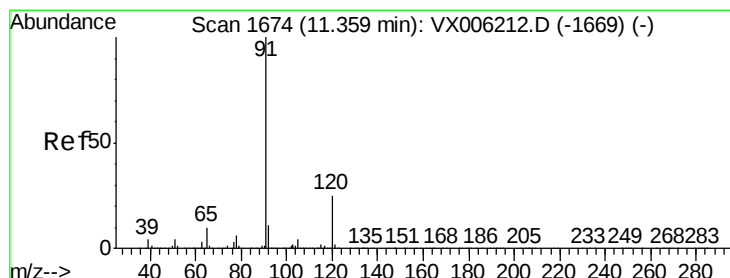
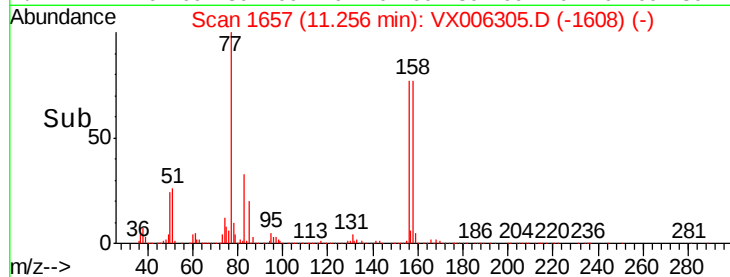
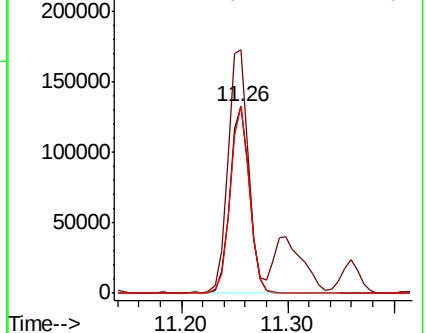
158 97.2 48.8 146.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.463 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006305.D

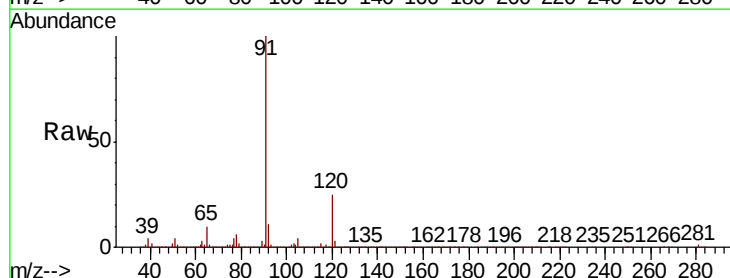
Acq: 05 Dec 2018 17:18

Tgt Ion: 91 Resp: 703331

Ion Ratio Lower Upper

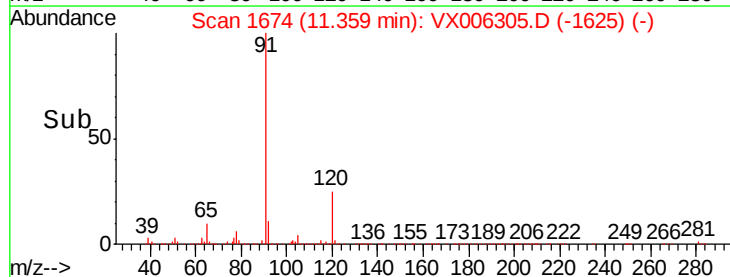
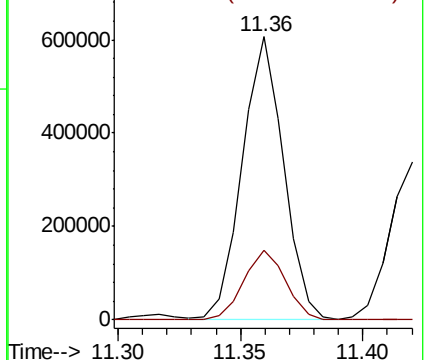
91 100

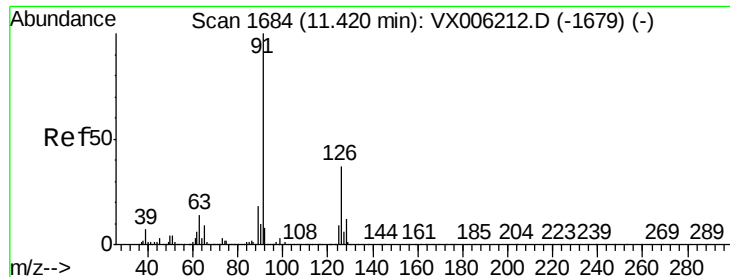
120 25.2 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.357 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006305.D

Acq: 05 Dec 2018 17:18

Instrument :

MSVOA_X

ClientSampleId :

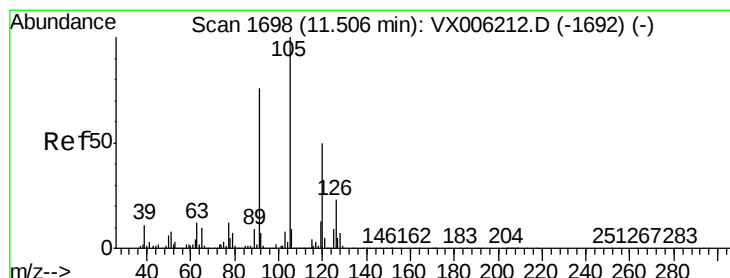
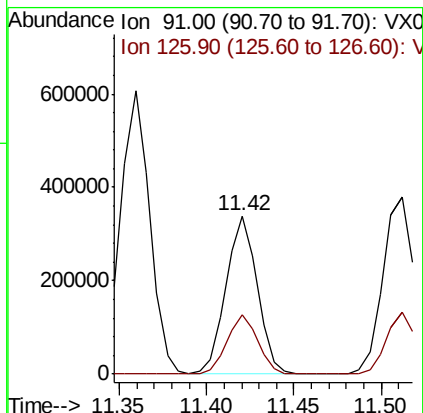
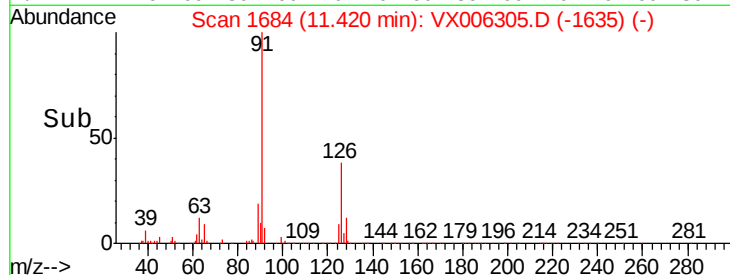
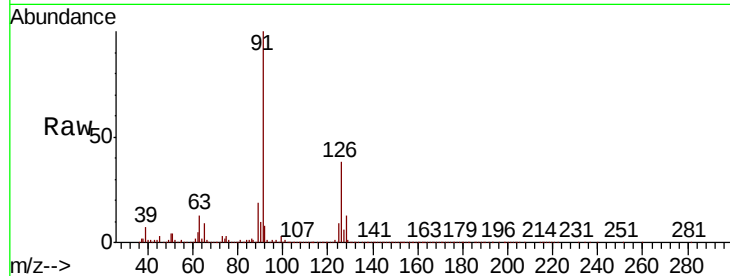
VX1205WBSD01

Tot Ion: 91 Resp: 415861

Ion Ratio Lower Upper

91 100

126 37.5 18.6 56.0



#80

1,3,5-Trimethylbenzene

Concen: 20.529 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006305.D

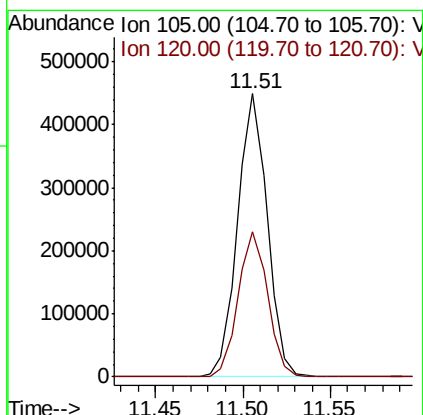
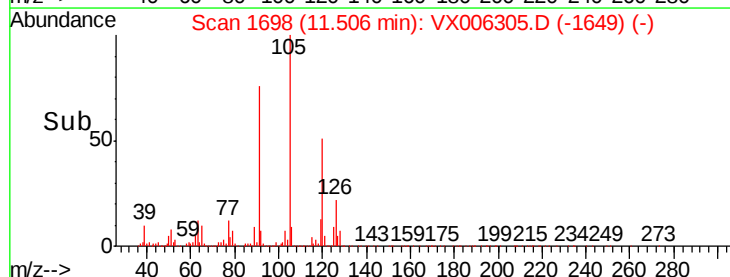
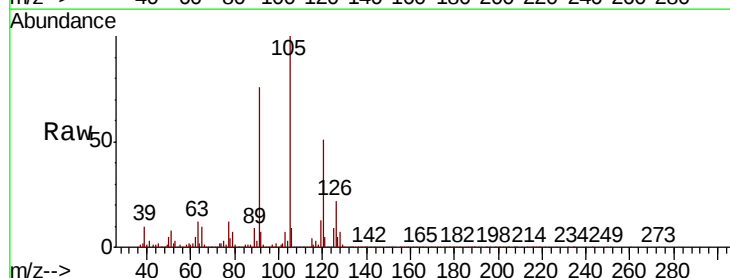
Acq: 05 Dec 2018 17:18

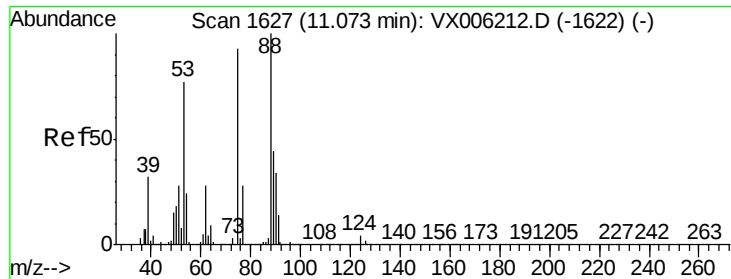
Tgt Ion: 105 Resp: 528130

Ion Ratio Lower Upper

105 100

120 51.1 25.4 76.0





#81

trans-1,4-Dichloro-2-butene

Concen: 17.090 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006305.D

Acq: 05 Dec 2018 17:18

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBSD01

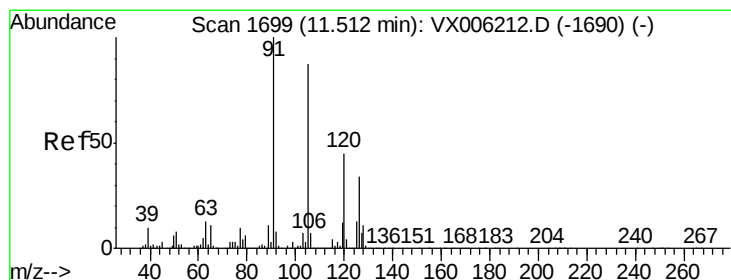
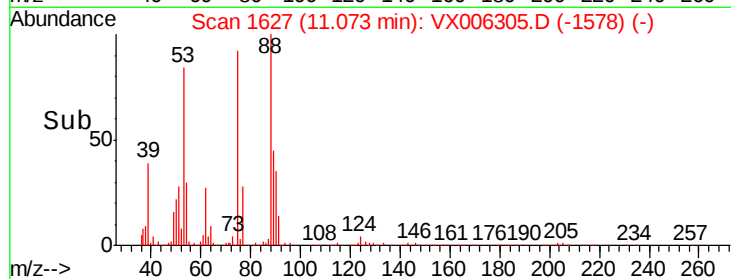
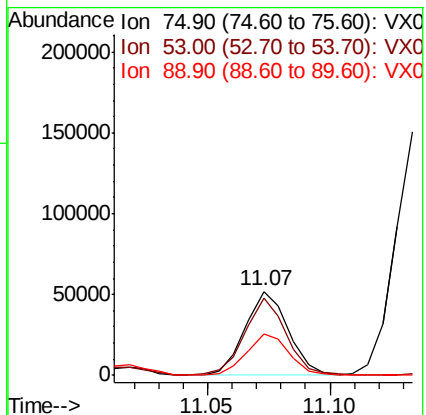
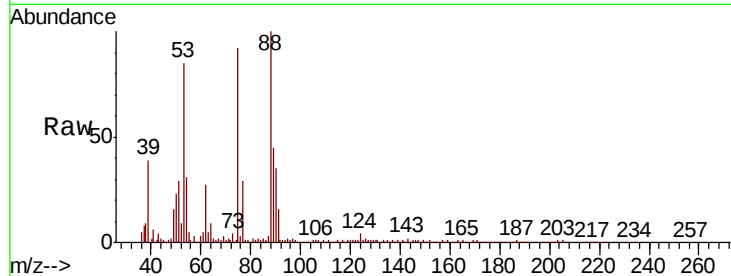
Tot Ion: 75 Resp: 62937

Ion Ratio Lower Upper

75 100

53 87.4 64.4 96.6

89 49.4 44.2 66.4



#82

4-Chlorotoluene

Concen: 19.961 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX006305.D

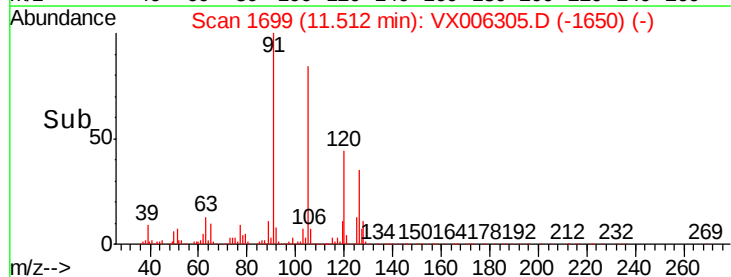
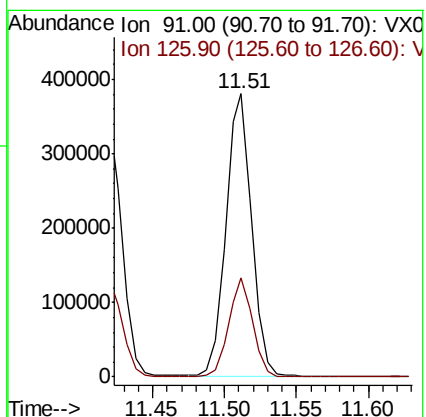
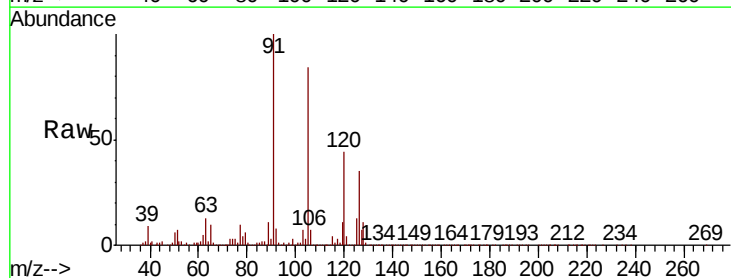
Acq: 05 Dec 2018 17:18

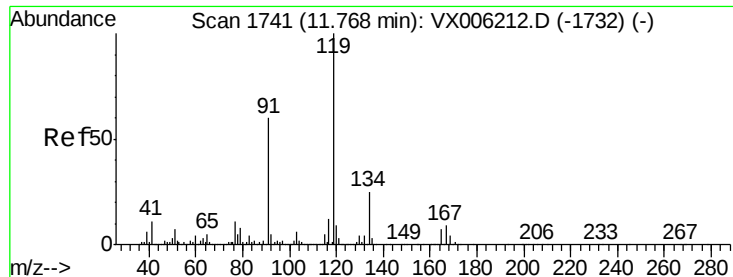
Tgt Ion: 91 Resp: 474117

Ion Ratio Lower Upper

91 100

126 33.0 16.4 49.4

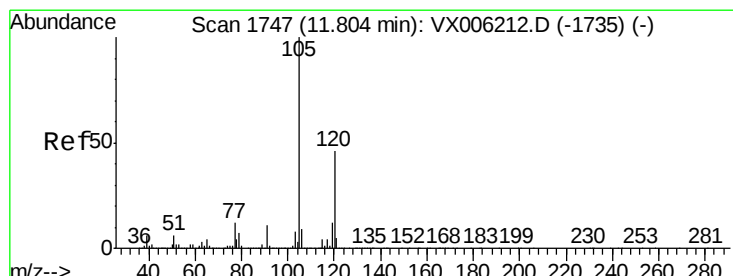
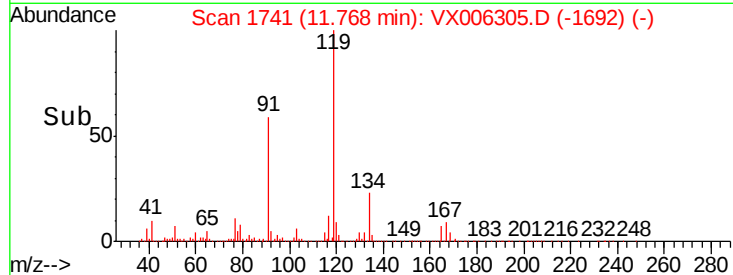
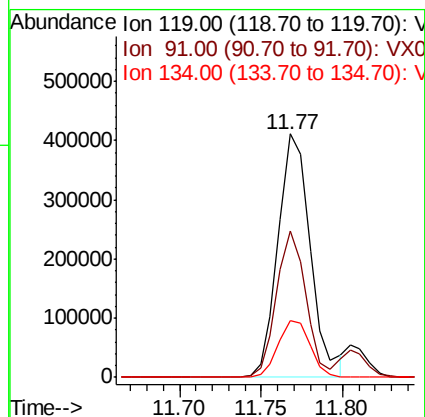
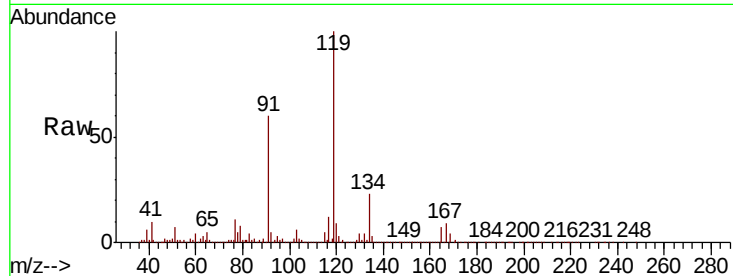




#83
tert-Butylbenzene
Concen: 20.475 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX006305.D
Acq: 05 Dec 2018 17:18

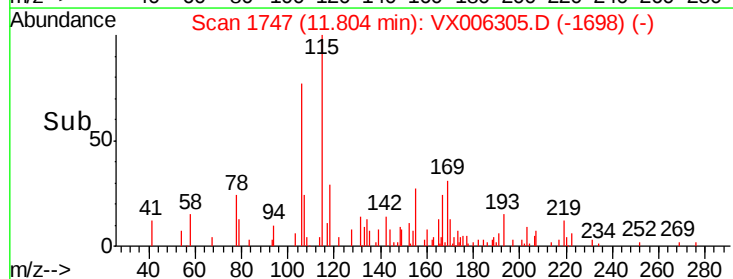
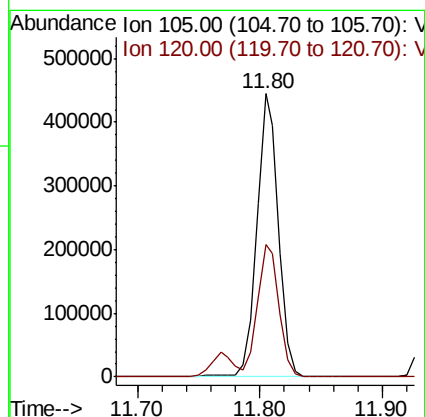
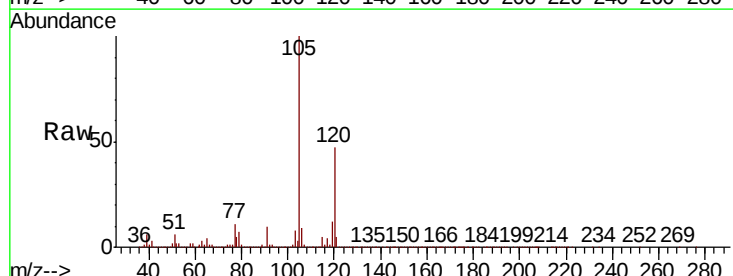
Instrument :
MSVOA_X
ClientSampleID :
VX1205WBSD01

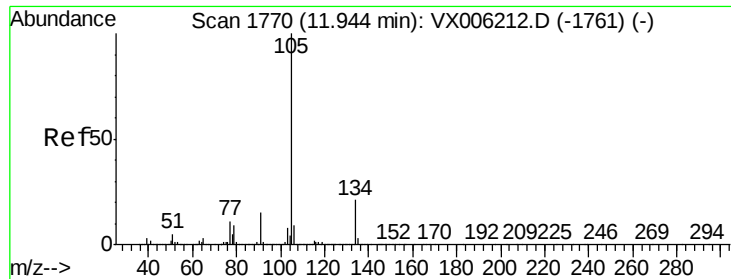
Tot Ion:119 Resp: 562014
Ion Ratio Lower Upper
119 100
91 54.1 26.4 79.2
134 23.0 11.6 34.7



#84
1,2,4-Trimethylbenzene
Concen: 20.406 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX006305.D
Acq: 05 Dec 2018 17:18

Tgt Ion:105 Resp: 542089
Ion Ratio Lower Upper
105 100
120 46.8 23.4 70.0





#85

sec-Butylbenzene

Concen: 20.432 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006305.D

Acq: 05 Dec 2018 17:18

Instrument :

MSVOA_X

ClientSampleId :

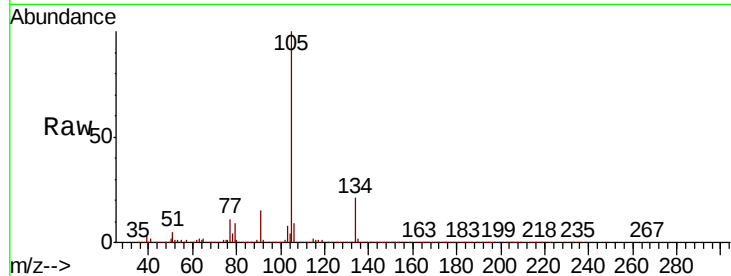
VX1205WBSD01

Tot Ion:105 Resp: 638024

Ion Ratio Lower Upper

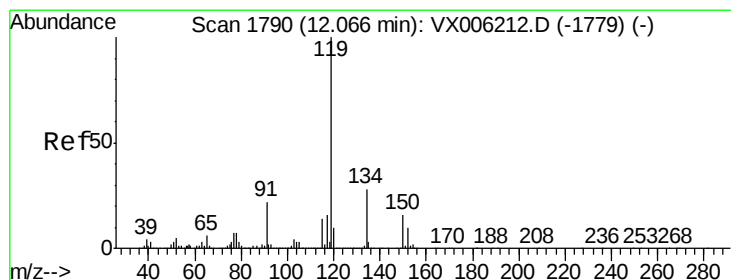
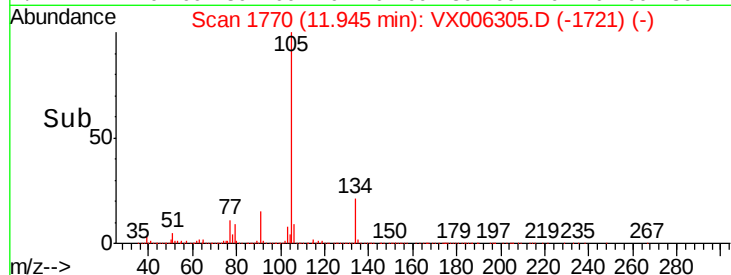
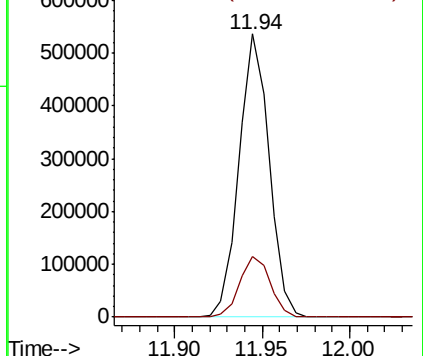
105 100

134 21.9 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.349 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.01 min

Lab File: VX006305.D

Acq: 05 Dec 2018 17:18

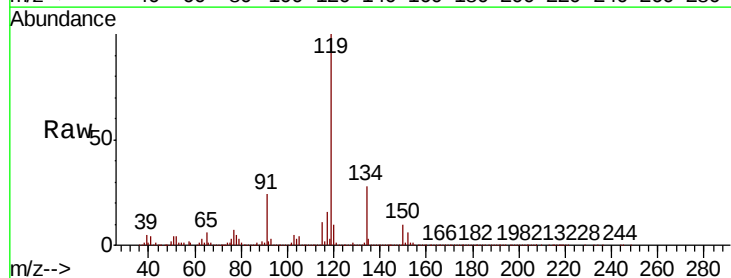
Tgt Ion:119 Resp: 572211

Ion Ratio Lower Upper

119 100

134 27.8 13.9 41.6

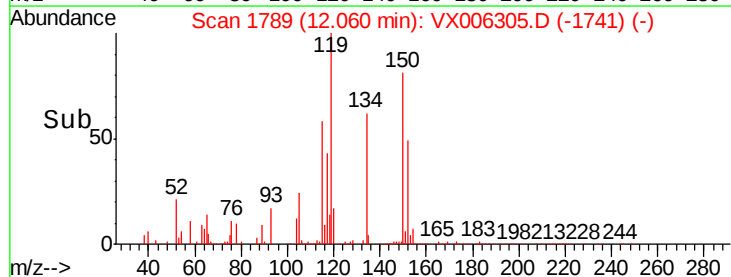
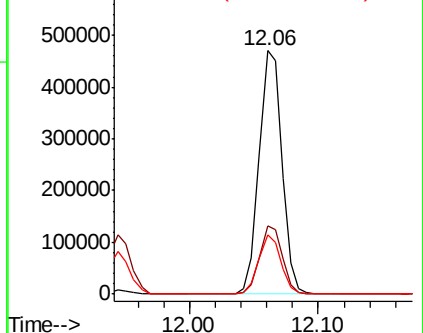
91 23.2 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

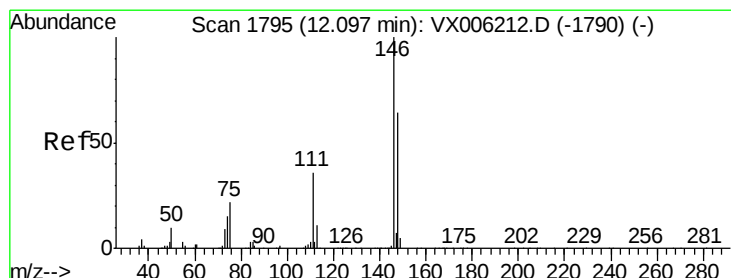
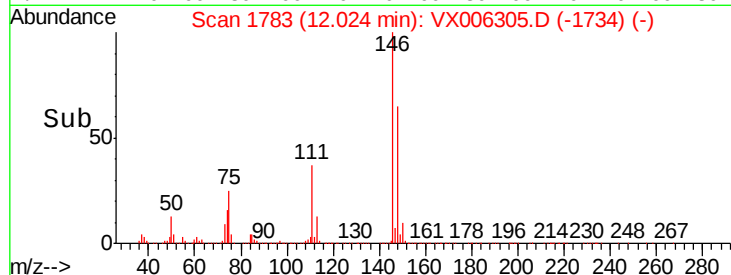
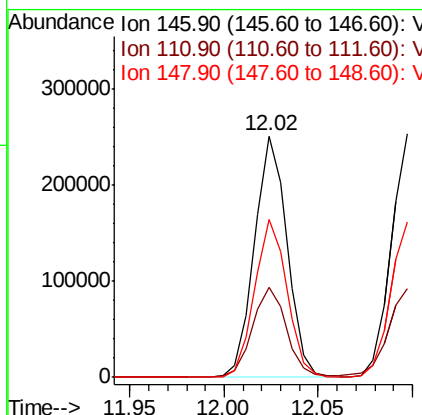
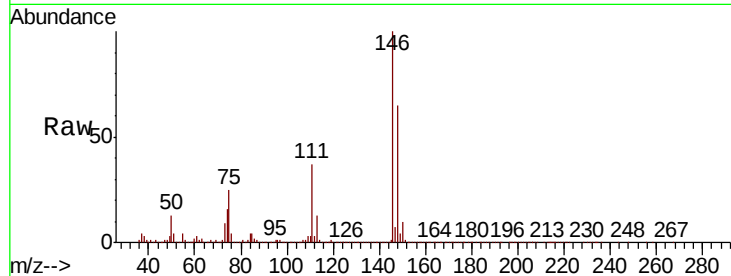




#87
 1,3-Dichlorobenzene
 Concen: 19.690 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006305.D
 Acq: 05 Dec 2018 17:18

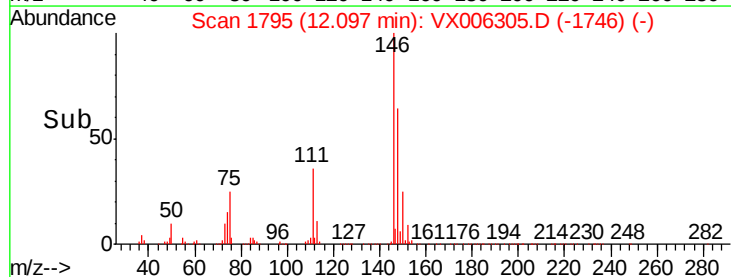
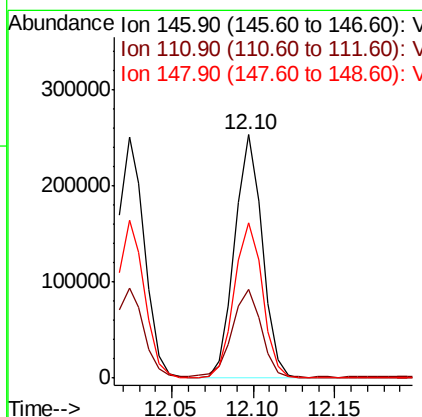
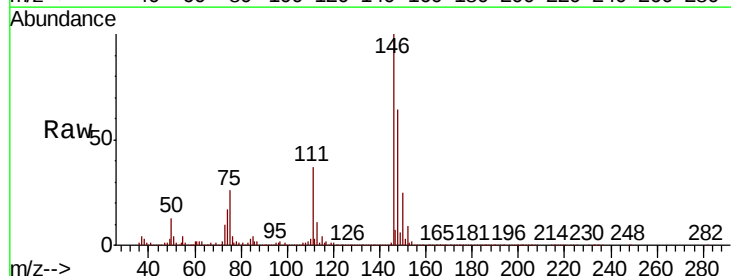
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1205WBSD01

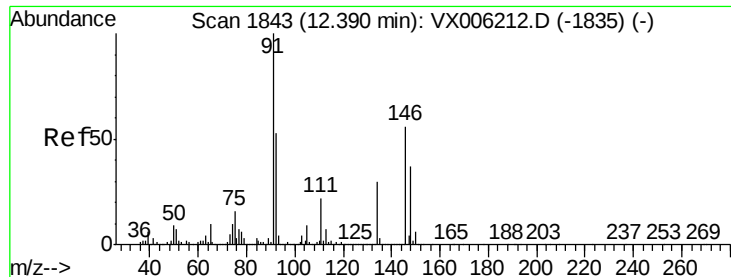
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.4	55.2
148	64.9	32.0	96.0



#88
 1,4-Dichlorobenzene
 Concen: 19.174 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006305.D
 Acq: 05 Dec 2018 17:18

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.3	54.8
148	65.4	31.9	95.9

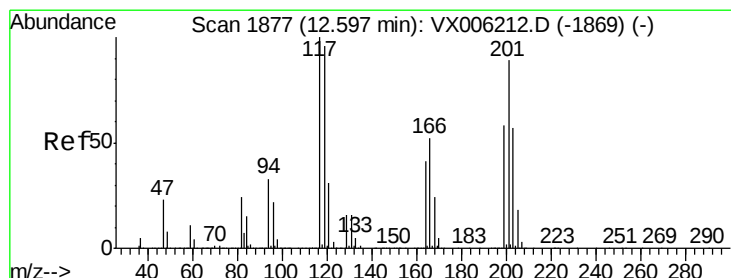
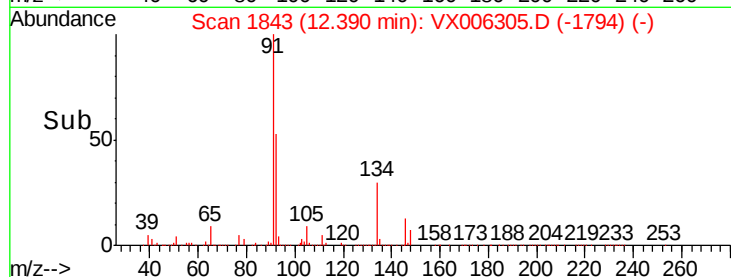
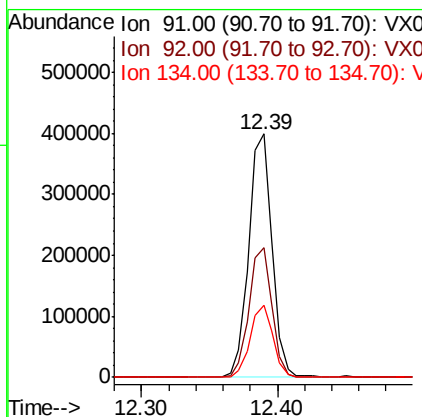
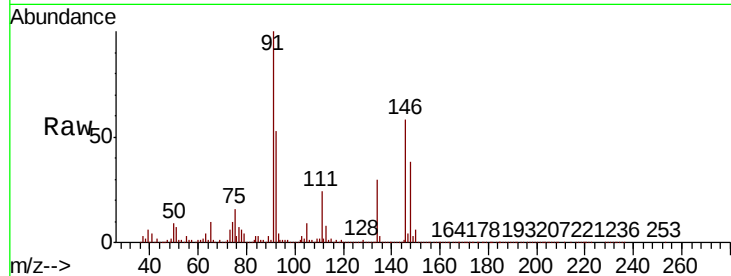




#89
n-Butylbenzene
Concen: 19.837 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006305.D
Acq: 05 Dec 2018 17:18

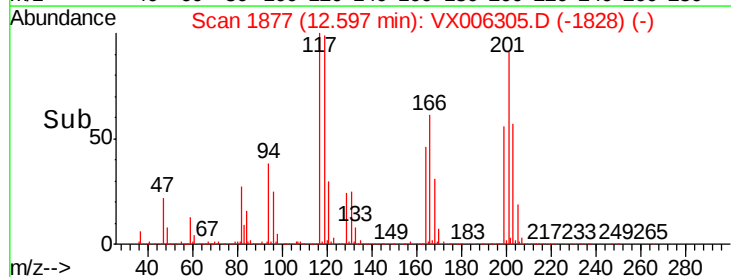
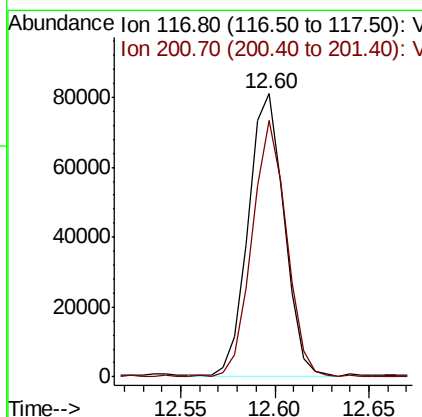
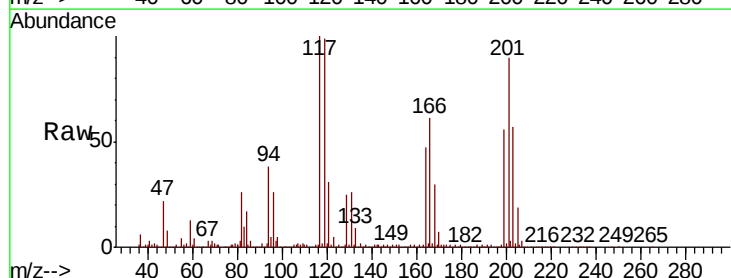
Instrument :
MSVOA_X
ClientSampleID :
VX1205WBSD01

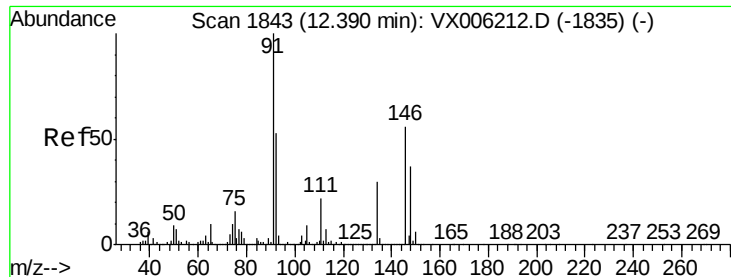
Tot Ion: 91 Resp: 475945
Ion Ratio Lower Upper
91 100
92 52.8 26.6 79.8
134 29.3 14.8 44.3



#90
Hexachloroethane
Concen: 18.599 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006305.D
Acq: 05 Dec 2018 17:18

Tgt Ion: 117 Resp: 106592
Ion Ratio Lower Upper
117 100
201 86.3 44.7 134.1





#91

1,2-Dichlorobenzene

Concen: 19.738 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX006305.D

Acq: 05 Dec 2018 17:18

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBSD01

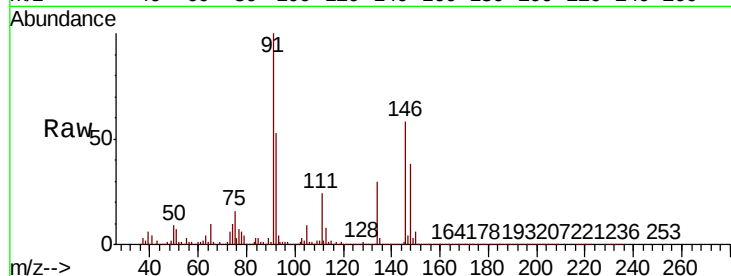
Tot Ion:146 Resp: 299100

Ion Ratio Lower Upper

146 100

111 39.2 19.1 57.3

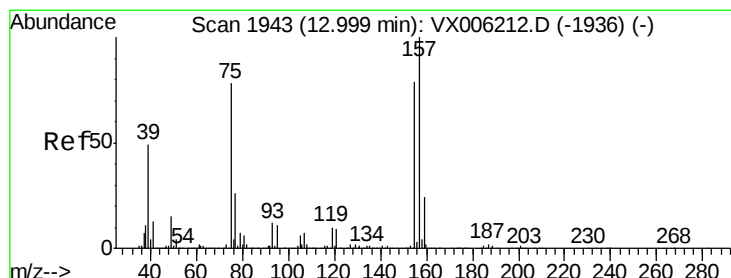
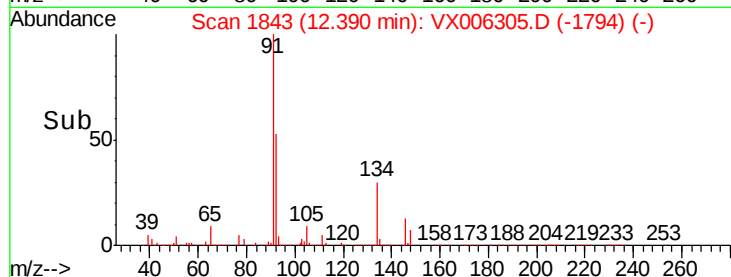
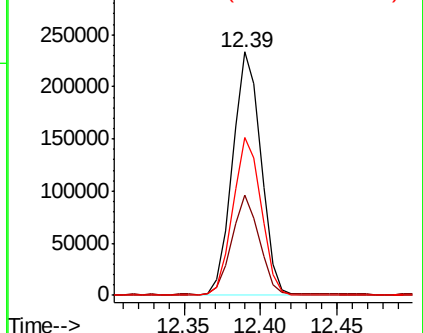
148 64.6 32.1 96.3



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.348 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX006305.D

Acq: 05 Dec 2018 17:18

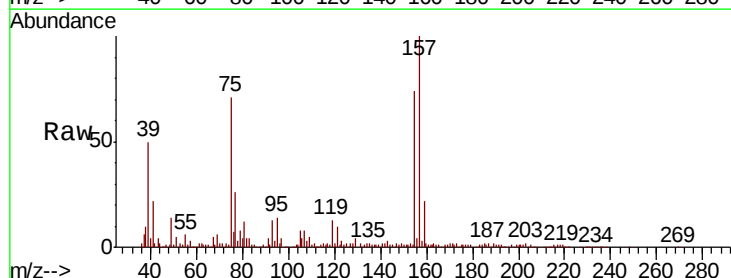
Tgt Ion: 75 Resp: 43989

Ion Ratio Lower Upper

75 100

155 117.7 53.4 160.3

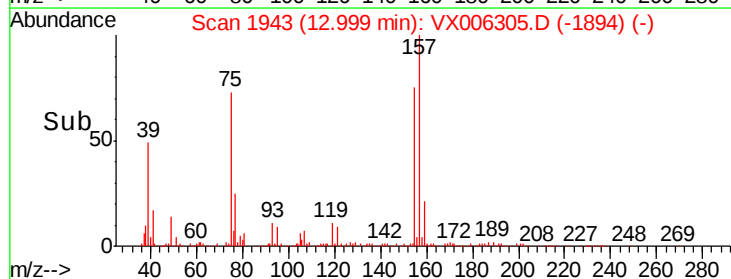
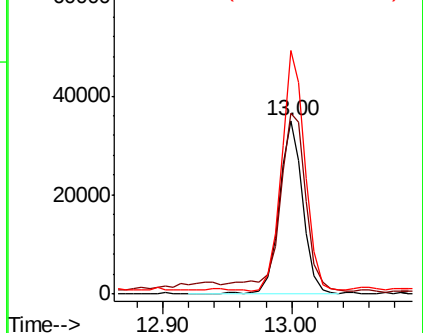
157 139.4 68.0 203.8

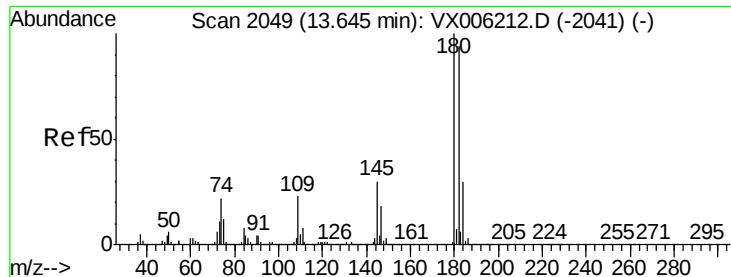


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

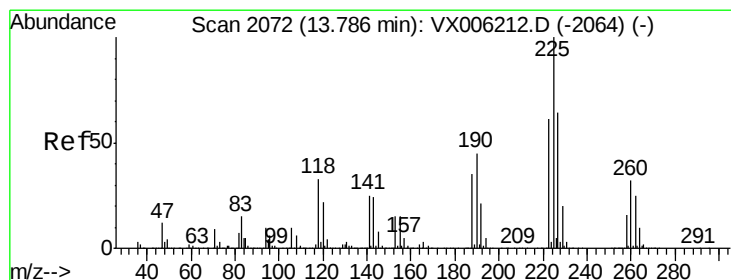
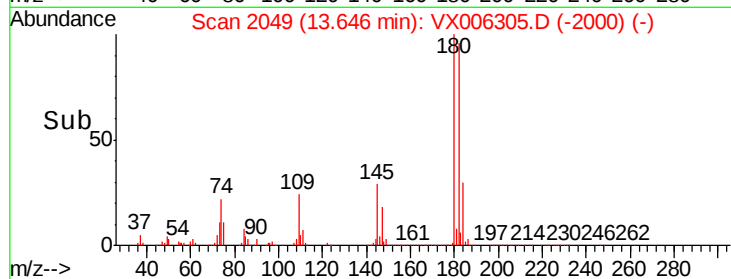
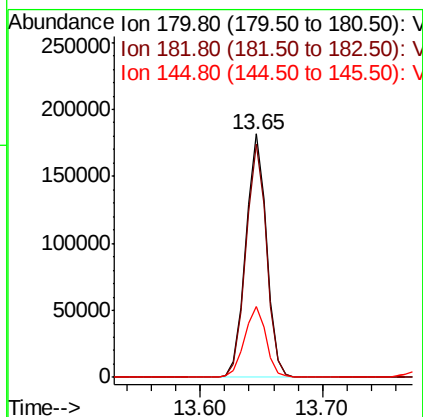
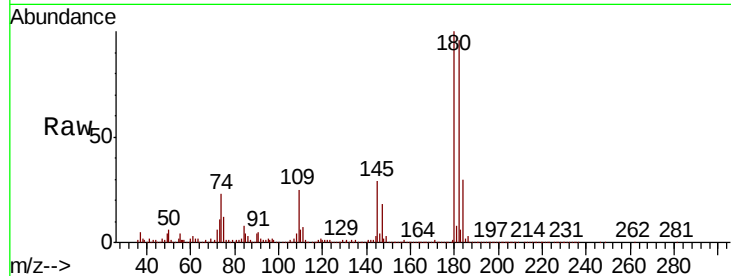




#93
 1,2,4-Trichlorobenzene
 Concen: 19.231 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006305.D
 Acq: 05 Dec 2018 17:18

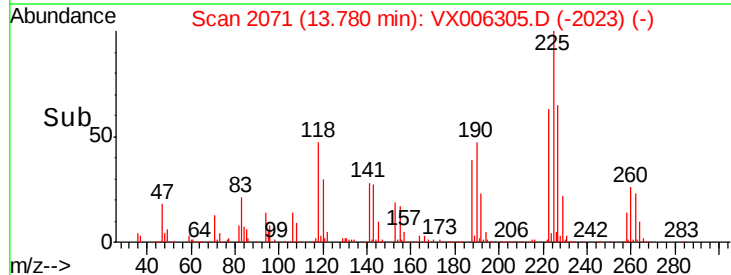
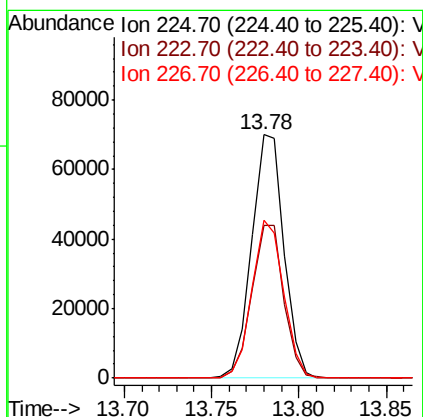
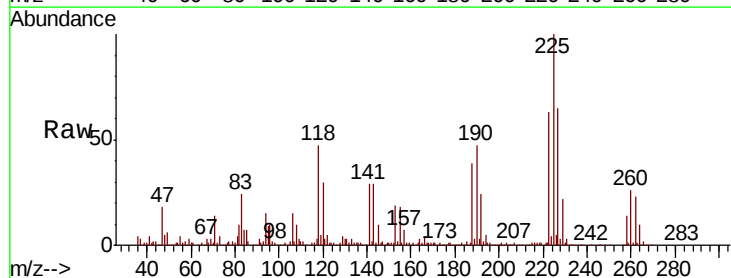
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1205WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.3	141.9
145	29.8	14.6	43.8



#94
 Hexachlorobutadiene
 Concen: 18.368 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX006305.D
 Acq: 05 Dec 2018 17:18

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	31.2	93.6
227	63.7	31.9	95.5





#95

Naphthalene

Concen: 20.100 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006305.D

Acq: 05 Dec 2018 17:18

Instrument :

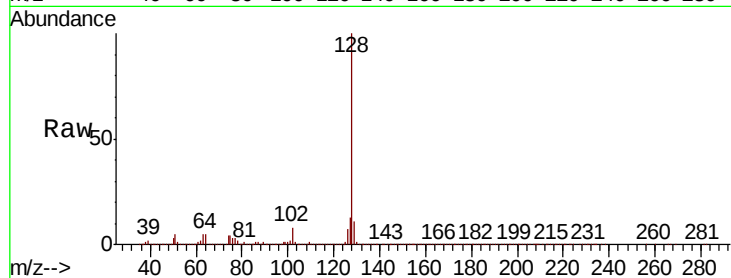
MSVOA_X

ClientSampleId :

VX1205WBSD01

Tot Ion:128 Resp: 691217

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.4
129	10.9	8.9	13.3

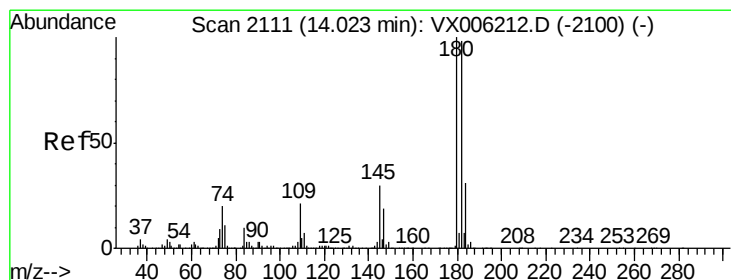
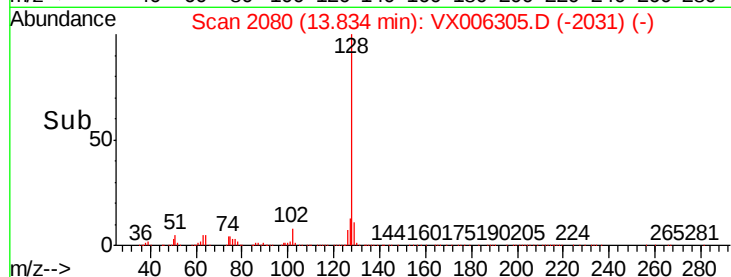
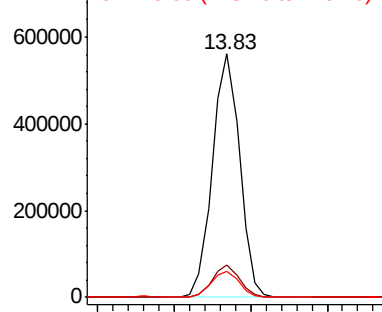


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.548 ug/l

RT: 14.02 min Scan# 2110

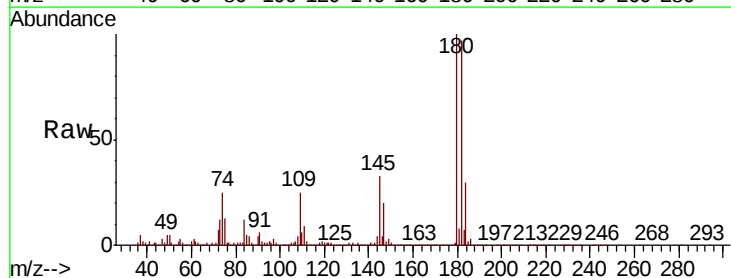
Delta R.T. -0.01 min

Lab File: VX006305.D

Acq: 05 Dec 2018 17:18

Tgt Ion:180 Resp: 214049

Ion	Ratio	Lower	Upper
180	100		
182	97.4	48.4	145.2
145	31.7	15.6	46.8



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

