

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102518\
 Data File : VX005590.D
 Acq On : 25 Oct 2018 15:37
 Operator : JC/MD
 Sample : VX1025WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1025WBSD01

Quant Time: Oct 26 05:22:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 02:52:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	211669	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	303996	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	282516	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	157233	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	126873	49.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.20%	
35) Dibromofluoromethane	5.51	113	99688	48.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.86%	
50) Toluene-d8	8.71	98	376100	50.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.70%	
62) 4-Bromofluorobenzene	11.14	95	138814	49.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.40%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	55131	26.388	ug/l	88
3) Chloromethane	1.32	50	60249	22.644	ug/l	99
4) Vinyl Chloride	1.40	62	62926	24.052	ug/l	90
5) Bromomethane	1.64	94	33512	20.586	ug/l	100
6) Chloroethane	1.72	64	33710	20.170	ug/l	99
7) Trichlorofluoromethane	1.93	101	78362	21.556	ug/l	96
8) Diethyl Ether	2.19	74	30104	20.751	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	42784	20.512	ug/l	98
10) Methyl Iodide	2.51	142	43080	21.424	ug/l	99
11) Tert butyl alcohol	3.07	59	71837	103.318	ug/l	99
12) 1,1-Dichloroethene	2.37	96	40562	20.414	ug/l	96
13) Acrolein	2.29	56	30092	84.843	ug/l	96
14) Allyl chloride	2.73	41	89903	20.274	ug/l	99
15) Acrylonitrile	3.15	53	158815	101.862	ug/l	99
16) Acetone	2.45	43	144724	105.999	ug/l	100
17) Carbon Disulfide	2.57	76	129244	21.338	ug/l	98
18) Methyl Acetate	2.78	43	74192	21.153	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	147524	20.814	ug/l	99
20) Methylene Chloride	2.85	84	46316	20.255	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	42905	19.777	ug/l	97
22) Diisopropyl ether	3.87	45	151561	19.572	ug/l	98
23) Vinyl Acetate	3.82	43	665876	97.635	ug/l	100
24) 1,1-Dichloroethane	3.70	63	85615	20.335	ug/l	100
25) 2-Butanone	4.70	43	216182	103.978	ug/l	90
26) 2,2-Dichloropropane	4.58	77	59516	18.310	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	44426	18.995	ug/l	97
28) Bromochloromethane	5.02	49	42172	20.710	ug/l	97
29) Tetrahydrofuran	5.15	42	142350	105.207	ug/l	98
30) Chloroform	5.21	83	77728	19.737	ug/l	99
31) Cyclohexane	5.58	56	70307	20.183	ug/l	93
32) 1,1,1-Trichloroethane	5.50	97	69286	19.933	ug/l	98
36) 1,1-Dichloropropene	5.80	75	57061	19.342	ug/l	98
37) Ethyl Acetate	4.85	43	75113	19.952	ug/l	99
38) Carbon Tetrachloride	5.78	117	60544	19.485	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102518\
 Data File : VX005590.D
 Acq On : 25 Oct 2018 15:37
 Operator : JC/MD
 Sample : VX1025WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1025WBSD01

Quant Time: Oct 26 05:22:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 02:52:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	65724	20.175	ug/l	99
40) Benzene	6.13	78	179019	21.168	ug/l	97
41) Methacrylonitrile	5.06	41	40510	19.318	ug/l	95
42) 1,2-Dichloroethane	6.20	62	65738	20.462	ug/l	99
43) Isopropyl Acetate	6.46	43	108473	19.228	ug/l	98
44) Trichloroethene	7.21	130	46499	20.183	ug/l	99
45) 1,2-Dichloropropane	7.52	63	45008	19.795	ug/l	98
46) Dibromomethane	7.66	93	30454	20.739	ug/l	99
47) Bromodichloromethane	7.90	83	57623	20.218	ug/l	99
48) Methyl methacrylate	7.77	41	56459	20.544	ug/l	100
49) 1,4-Dioxane	7.75	88	24155	402.190	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	390707	103.052	ug/l	99
52) Toluene	8.79	92	107207	20.859	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	61586	19.993	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	68174	20.557	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	44522	20.546	ug/l	99
56) Ethyl methacrylate	9.18	69	65005	20.112	ug/l	100
57) 1,3-Dichloropropane	9.37	76	74857	20.416	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	182132	100.893	ug/l	100
59) 2-Hexanone	9.49	43	305941	102.346	ug/l	100
60) Dibromochloromethane	9.59	129	45657	20.195	ug/l	100
61) 1,2-Dibromoethane	9.68	107	46388	20.692	ug/l	100
64) Tetrachloroethene	9.34	164	48627	20.734	ug/l	96
65) Chlorobenzene	10.14	112	121585	20.210	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	44356	20.221	ug/l	100
67) Ethyl Benzene	10.25	91	204155	20.626	ug/l	98
68) m/p-Xylenes	10.36	106	159185	41.453	ug/l	99
69) o-Xylene	10.70	106	74615	20.652	ug/l	99
70) Styrene	10.71	104	125245	20.708	ug/l	98
71) Bromoform	10.86	173	37221	19.015	ug/l #	100
73) Isopropylbenzene	11.02	105	207390	21.578	ug/l	100
74) N-amyl acetate	10.90	43	97074	20.383	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	71727	20.228	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	82801	24.855	ug/l	85
77) Bromobenzene	11.26	156	56048	20.924	ug/l	98
78) n-propylbenzene	11.36	91	236794	21.546	ug/l	100
79) 2-Chlorotoluene	11.42	91	142234	20.873	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	177657	21.607	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	19577	19.202	ug/l	96
82) 4-Chlorotoluene	11.51	91	167548	20.852	ug/l	100
83) tert-Butylbenzene	11.77	119	171319	20.903	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	182389	21.888	ug/l	100
85) sec-Butylbenzene	11.94	105	208625	21.333	ug/l	100
86) p-Isopropyltoluene	12.07	119	186934	21.382	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	101661	20.183	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	103017	19.593	ug/l	99
89) n-Butylbenzene	12.39	91	161078	20.409	ug/l	99
90) Hexachloroethane	12.60	117	30010	19.903	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	102143	20.043	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	17188	20.047	ug/l	99

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX102518\
Data File : VX005590.D
Acq On : 25 Oct 2018 15:37
Operator : JC/MD
Sample : VX1025WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1025WBSD01

Quant Time: Oct 26 05:22:46 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 25 02:52:45 2018
Response via : Initial Calibration

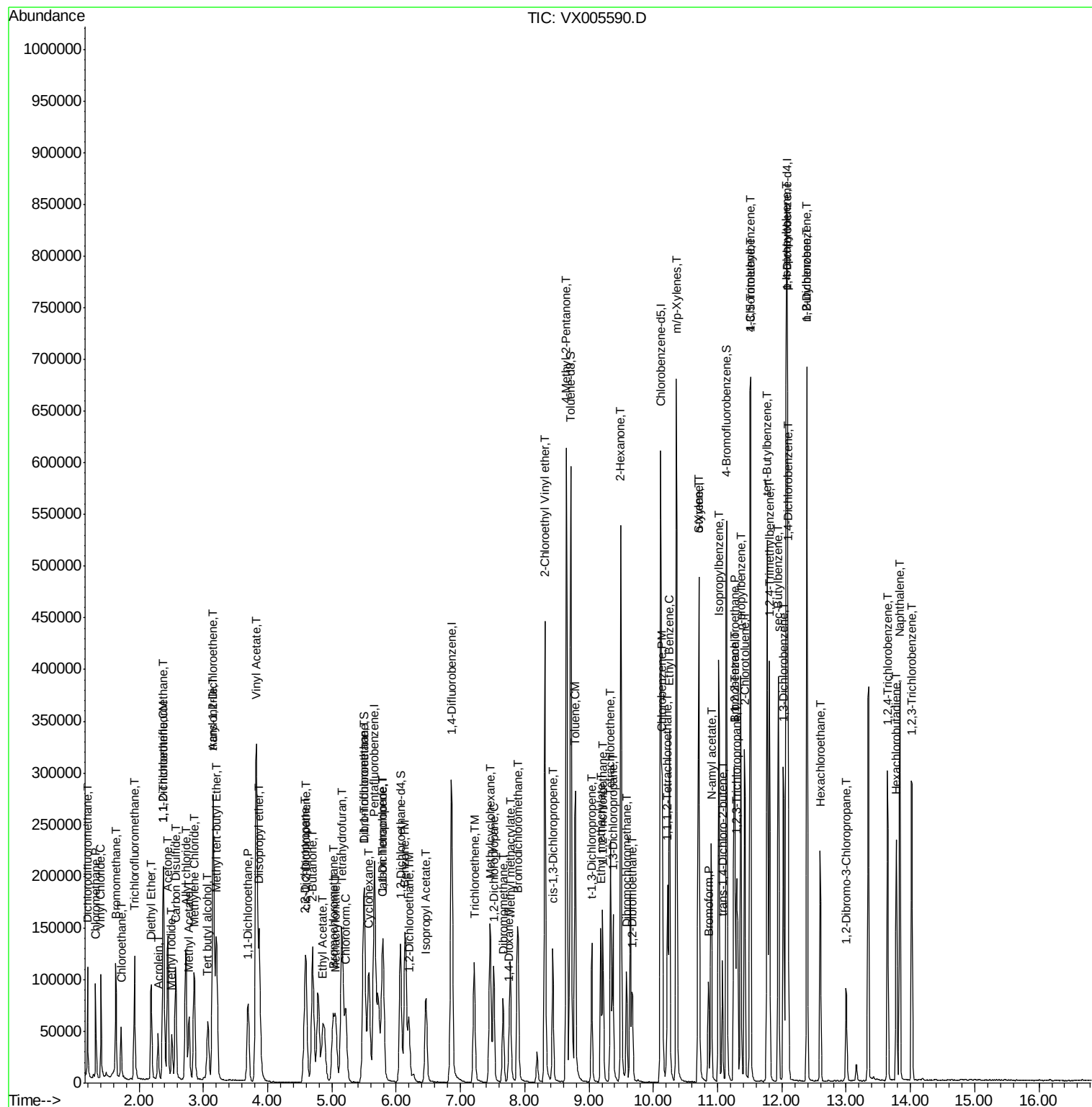
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	75350	20.397	ug/l	99
94) Hexachlorobutadiene	13.79	225	37289	19.478	ug/l	99
95) Naphthalene	13.83	128	231313	21.541	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	77242	20.627	ug/l	99

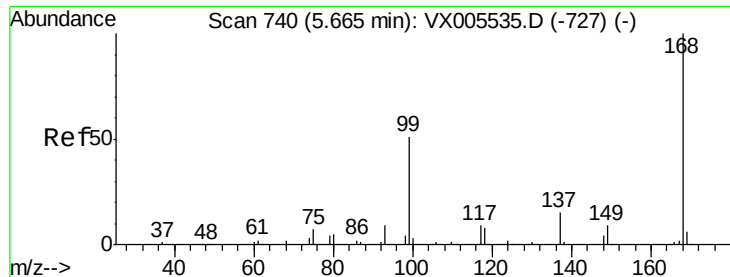
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX102518\
Data File : VX005590.D
Acq On : 25 Oct 2018 15:37
Operator : JC/MD
Sample : VX1025WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1025WBSD01

Quant Time: Oct 26 05:22:46 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 25 02:52:45 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX005590.D

Acq: 25 Oct 2018 15:37

Instrument :

MSVOA_X

ClientSampleId :

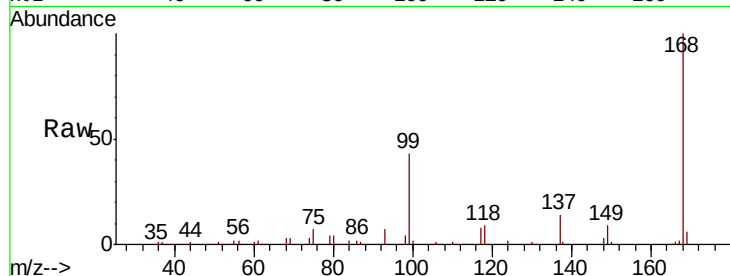
VX1025WBSD01

Tot Ion:168 Resp: 211669

Ion Ratio Lower Upper

168 100

99 42.9 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): VX005535.D (-727) (-)

Ion 98.90 (98.60 to 99.60): VX005535.D (-727) (-)

5.66

80000

60000

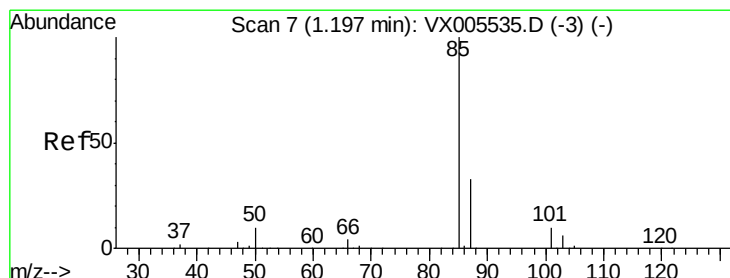
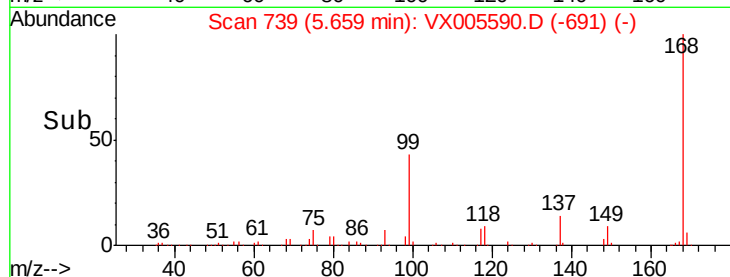
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 26.388 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005590.D

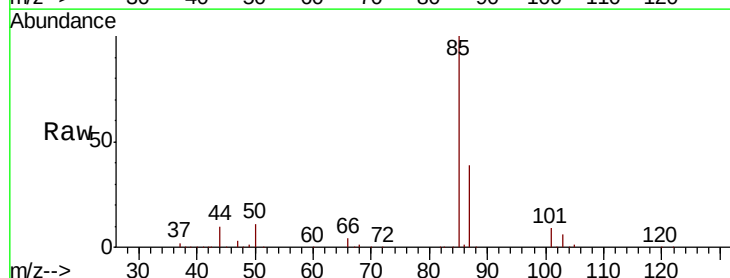
Acq: 25 Oct 2018 15:37

Tgt Ion: 85 Resp: 55131

Ion Ratio Lower Upper

85 100

87 39.1 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX005535.D (-3) (-)

Ion 86.90 (86.60 to 87.60): VX005535.D (-3) (-)

1.20

60000

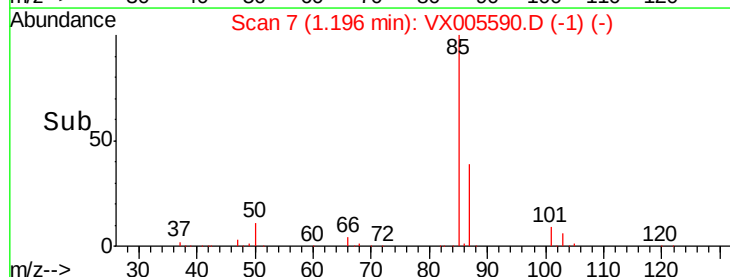
40000

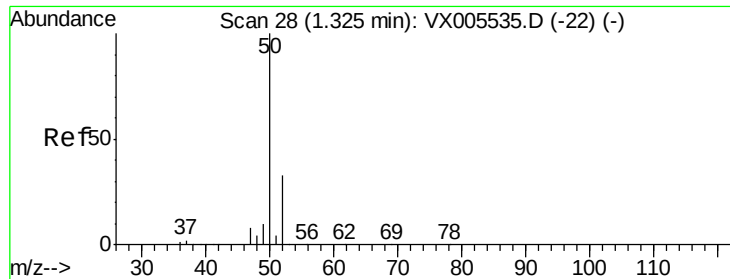
20000

0

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 22.644 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005590.D

Acq: 25 Oct 2018 15:37

Instrument :

MSVOA_X

ClientSampleId :

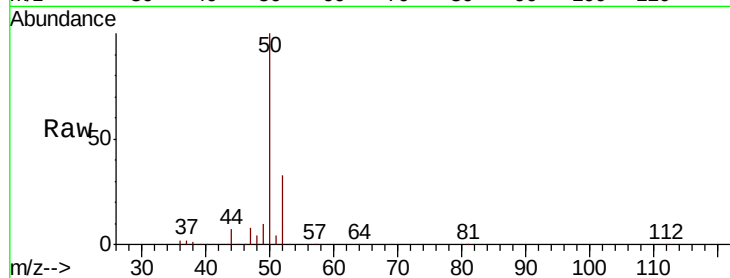
VX1025WBSD01

Tot Ion: 50 Resp: 60249

Ion Ratio Lower Upper

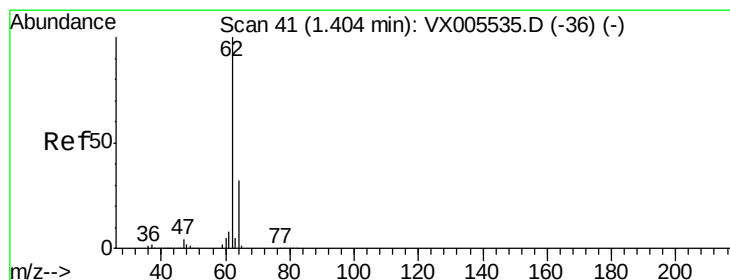
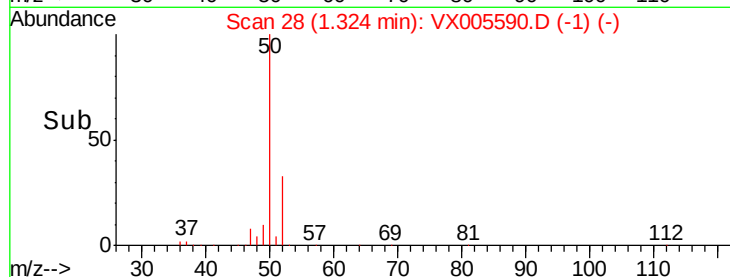
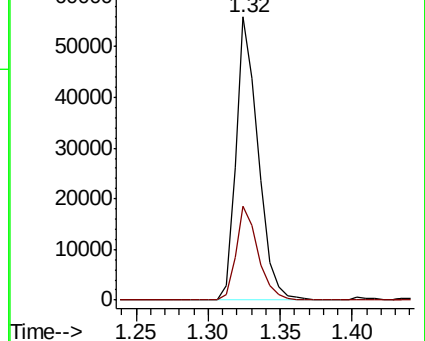
50 100

52 33.3 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 24.052 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX005590.D

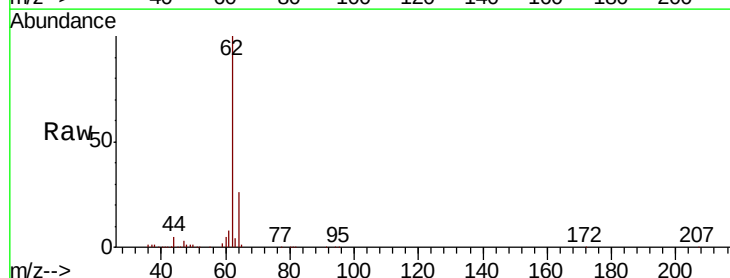
Acq: 25 Oct 2018 15:37

Tgt Ion: 62 Resp: 62926

Ion Ratio Lower Upper

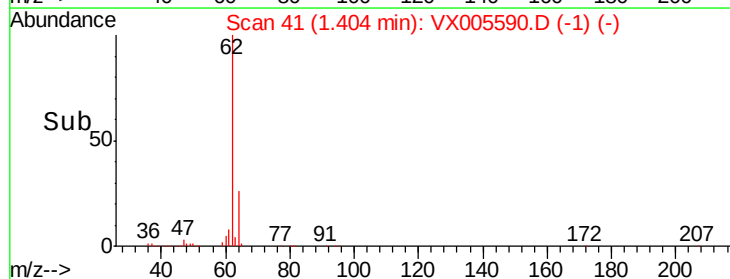
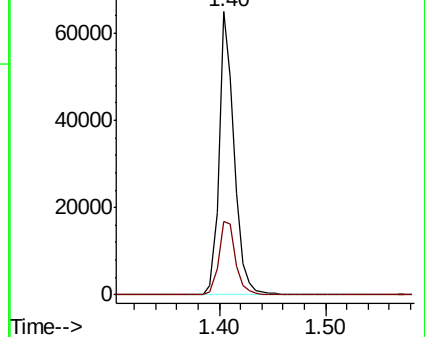
62 100

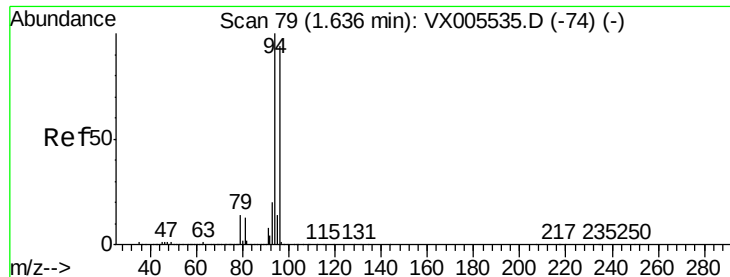
64 25.9 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 20.586 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005590.D

Acq: 25 Oct 2018 15:37

Instrument :

MSVOA_X

ClientSampleId :

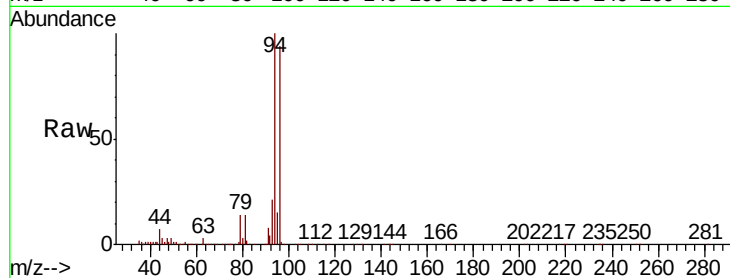
VX1025WBSD01

Tot Ion: 94 Resp: 33512

Ion Ratio Lower Upper

94 100

96 94.3 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

40000

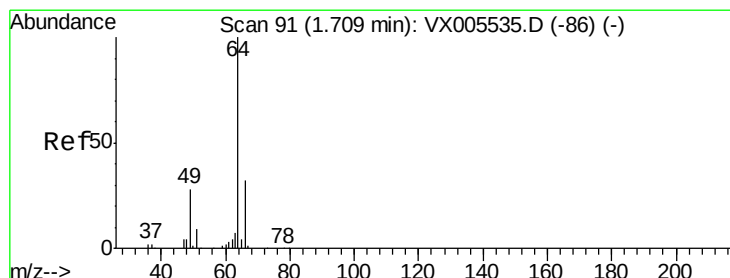
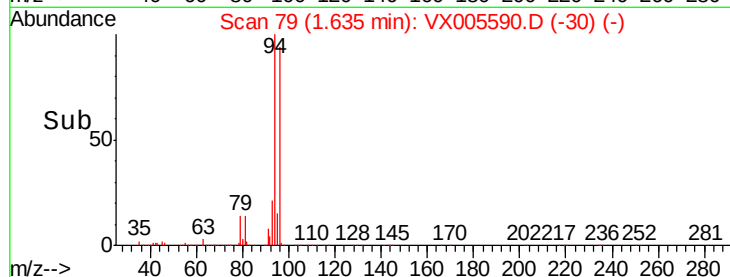
30000

20000

10000

0

Time--> 1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 20.170 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX005590.D

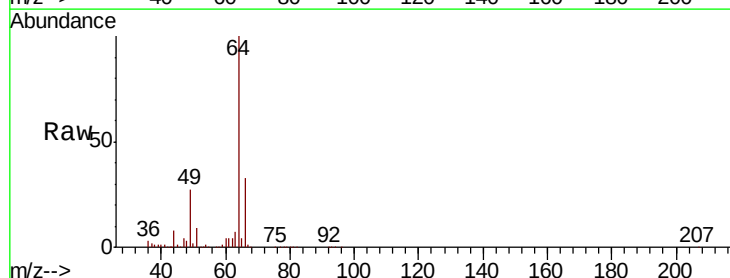
Acq: 25 Oct 2018 15:37

Tgt Ion: 64 Resp: 33710

Ion Ratio Lower Upper

64 100

66 32.8 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

25000

20000

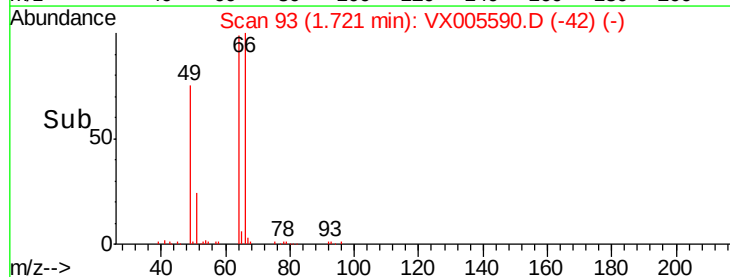
15000

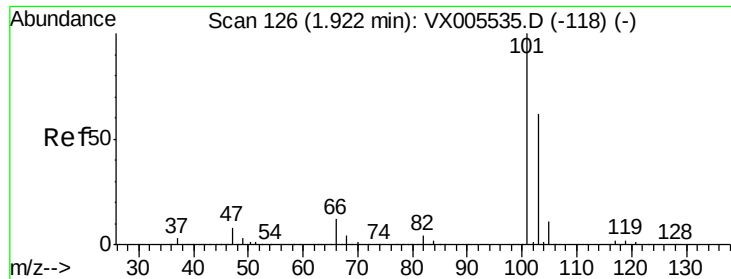
10000

5000

0

Time--> 1.60 1.70 1.80



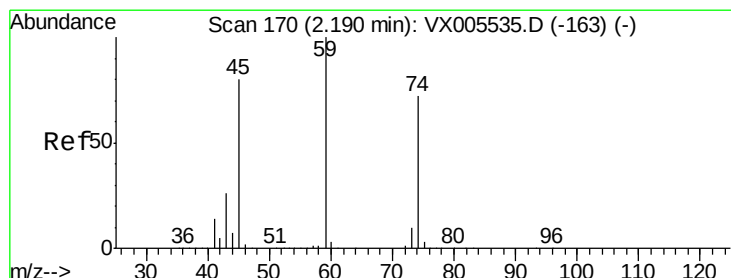
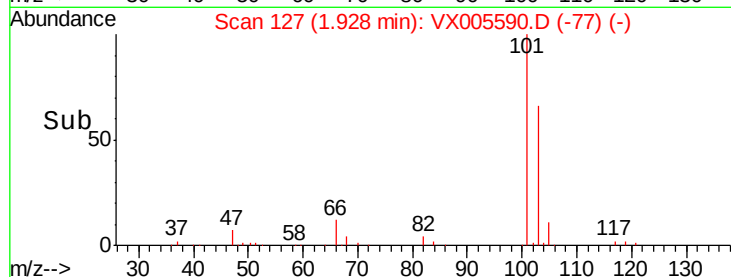
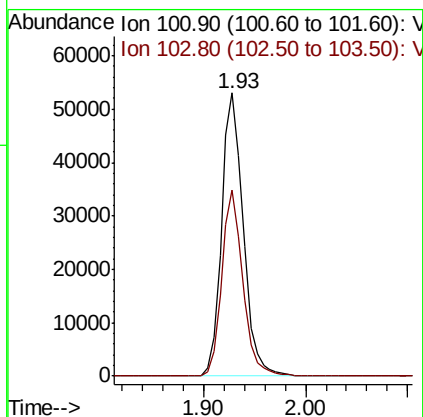
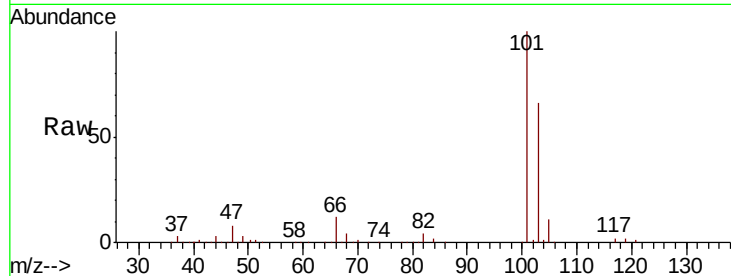


#7

Trichlorofluoromethane
 Concen: 21.556 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX005590.D
 Acq: 25 Oct 2018 15:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1025WBSD01

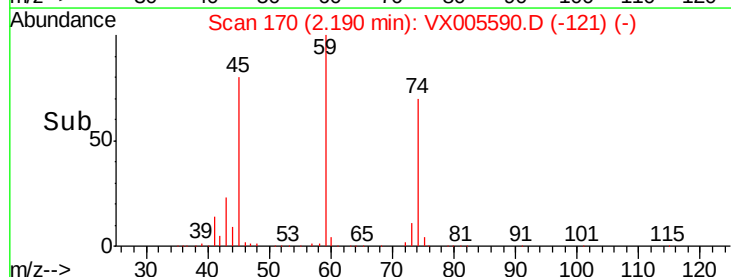
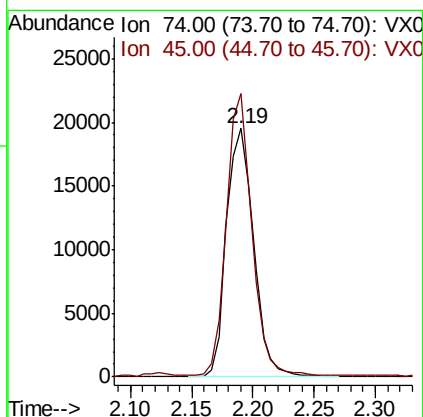
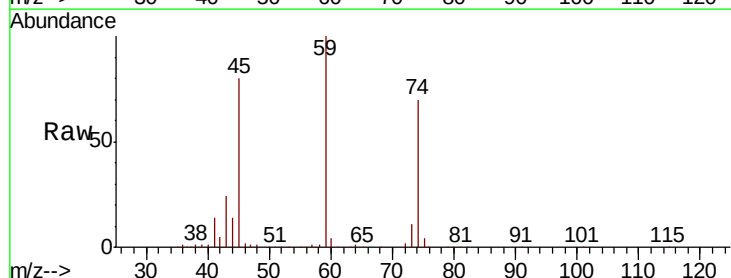
Tot Ion:101 Resp: 78362
 Ion Ratio Lower Upper
 101 100
 103 65.6 50.0 75.0

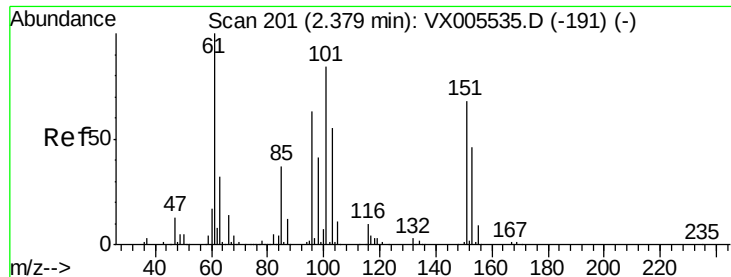


#8

Diethyl Ether
 Concen: 20.751 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX005590.D
 Acq: 25 Oct 2018 15:37

Tgt Ion: 74 Resp: 30104
 Ion Ratio Lower Upper
 74 100
 45 105.3 54.1 162.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.512 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX005590.D

Acq: 25 Oct 2018 15:37

Instrument :

MSVOA_X

ClientSampleId :

VX1025WBSD01

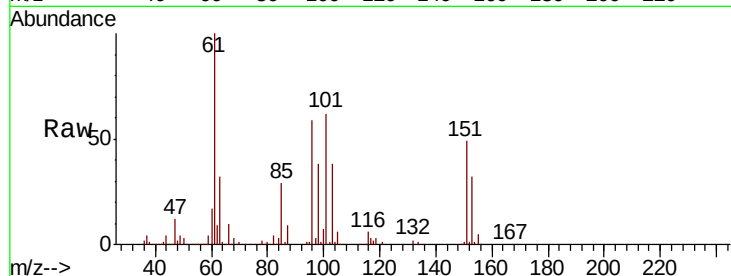
Tot Ion:101 Resp: 42784

Ion Ratio Lower Upper

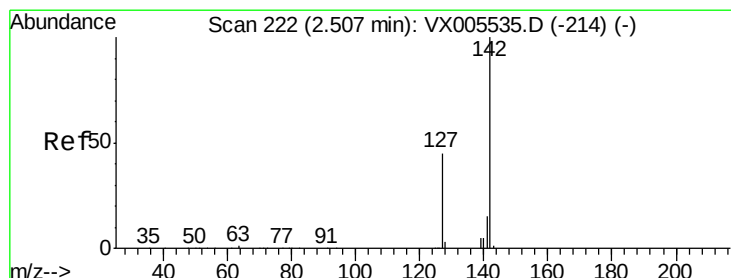
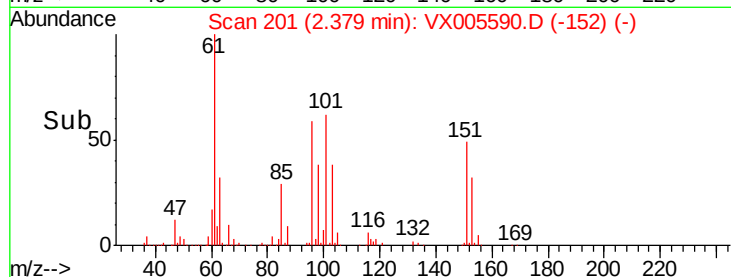
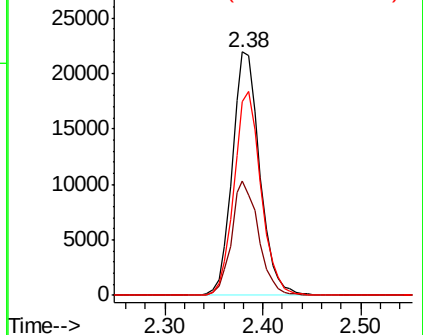
101 100

85 46.2 35.0 52.4

151 82.4 66.2 99.2



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.424 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX005590.D

Acq: 25 Oct 2018 15:37

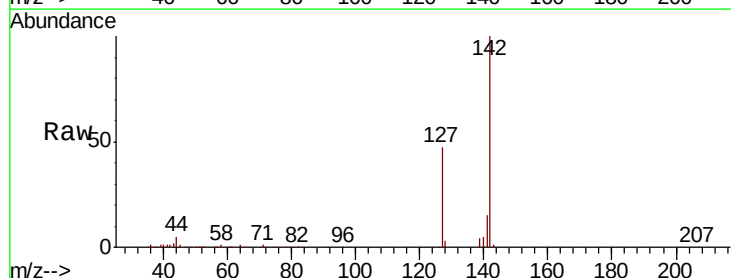
Tgt Ion:142 Resp: 43080

Ion Ratio Lower Upper

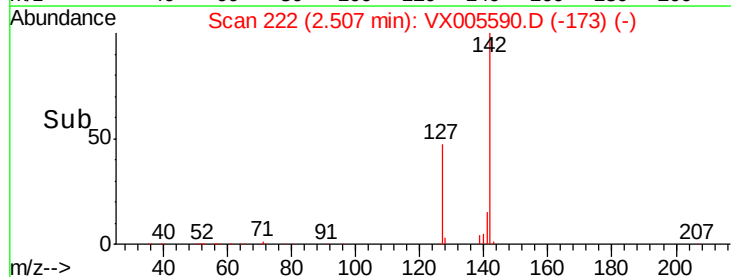
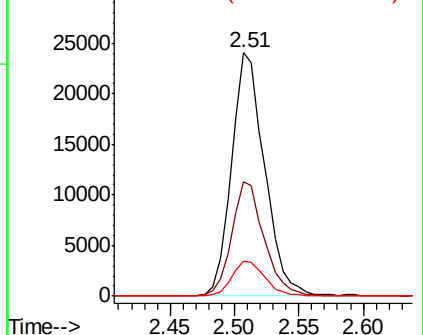
142 100

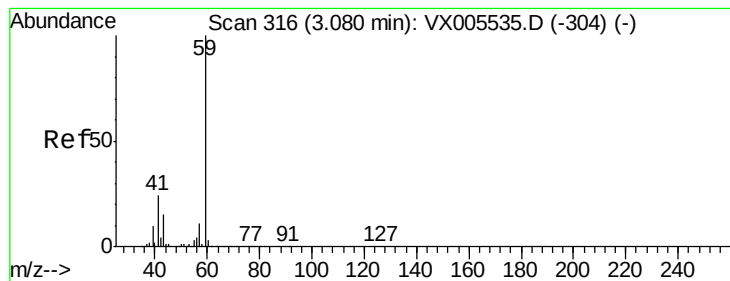
127 46.0 36.0 54.0

141 14.6 11.7 17.5



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



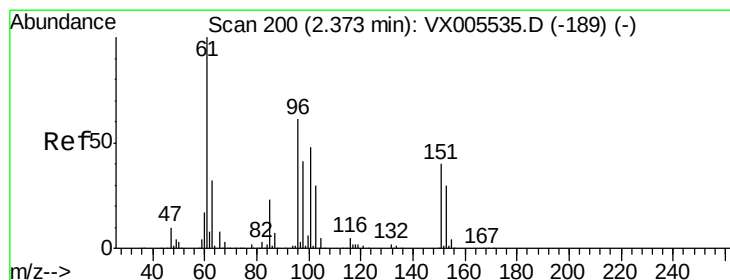
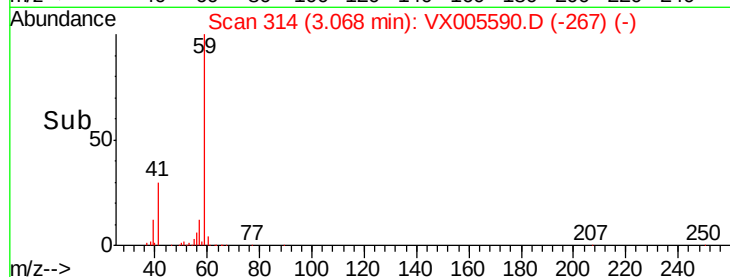
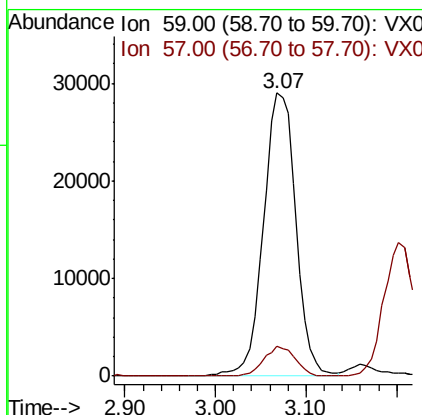
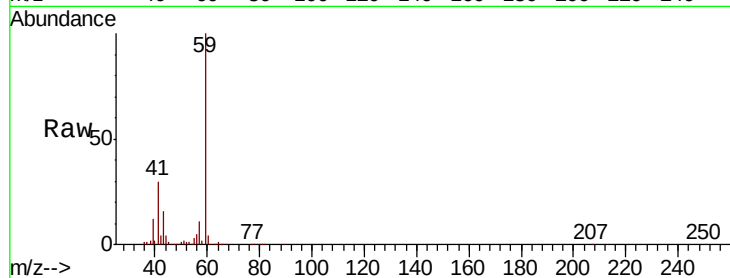


#11

Tert butyl alcohol
 Concen: 103.318 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX005590.D
 Acq: 25 Oct 2018 15:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1025WBSD01

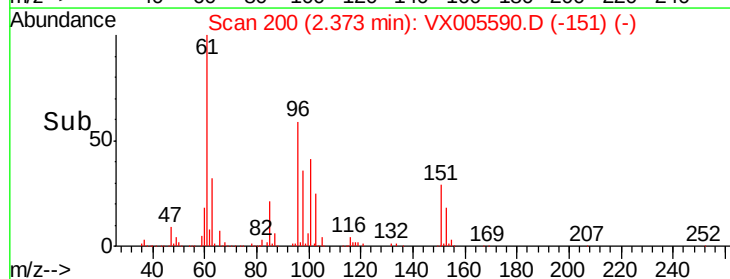
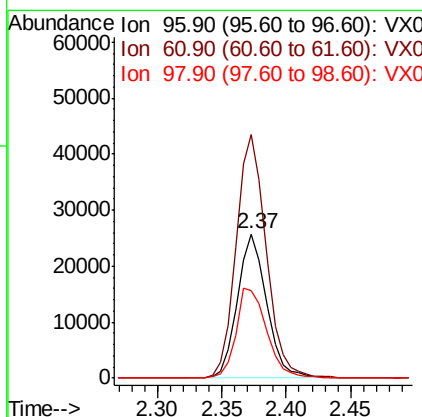
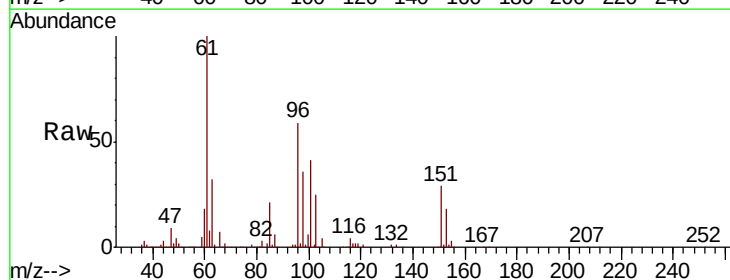
Tot Ion: 59 Resp: 71837
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.5 12.7

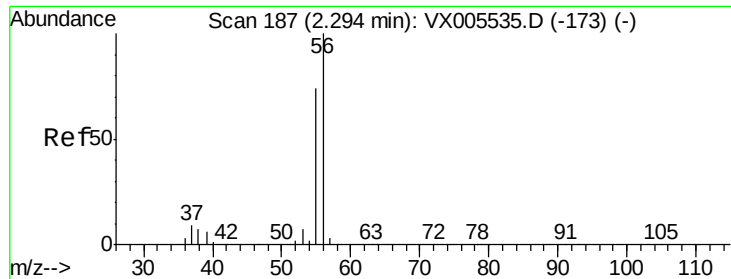


#12

1,1-Dichloroethene
 Concen: 20.414 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX005590.D
 Acq: 25 Oct 2018 15:37

Tgt Ion: 96 Resp: 40562
 Ion Ratio Lower Upper
 96 100
 61 168.6 131.8 197.8
 98 60.4 53.4 80.2

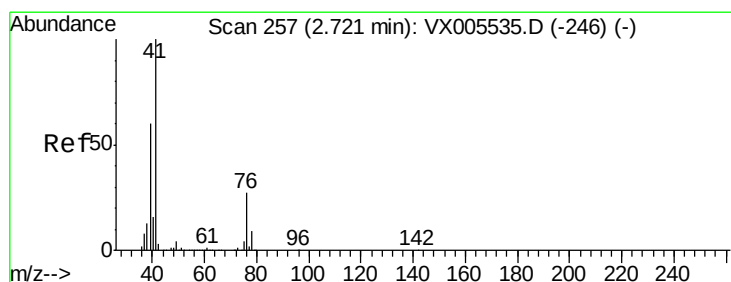
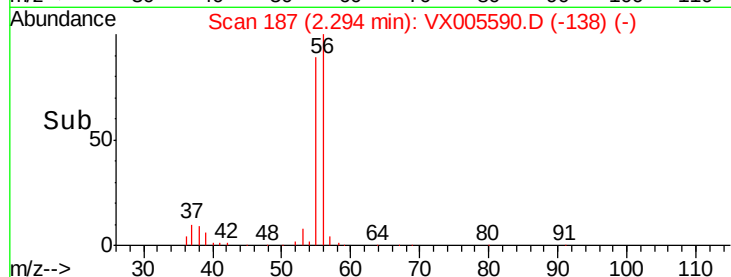
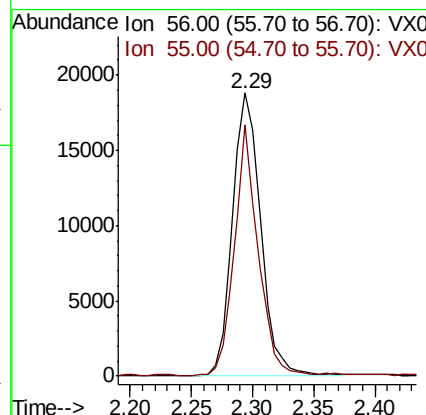
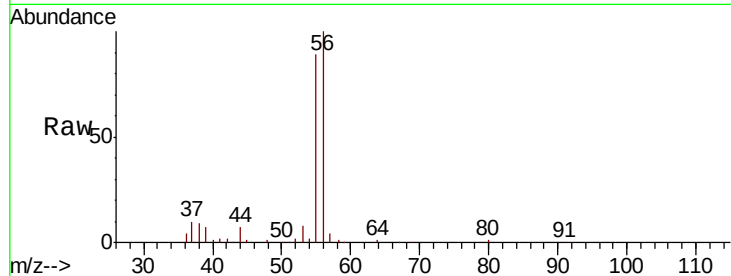




#13
Acrolein
Concen: 84.843 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX005590.D
Acq: 25 Oct 2018 15:37

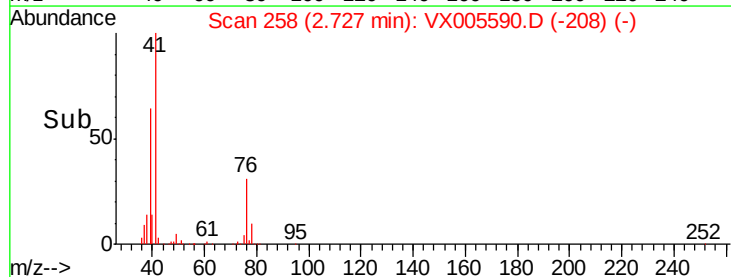
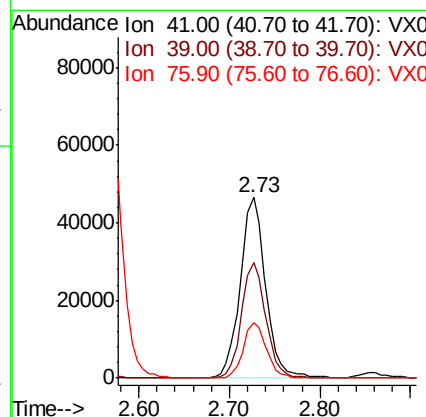
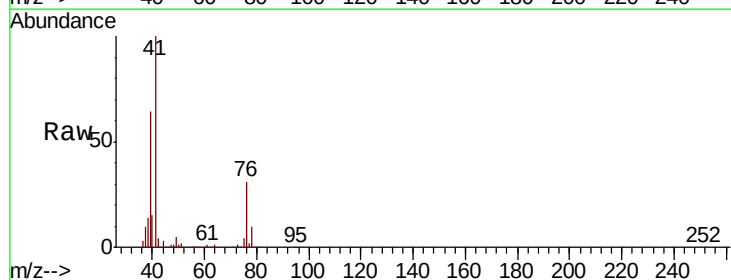
Instrument :
MSVOA_X
ClientSampleId :
VX1025WBSD01

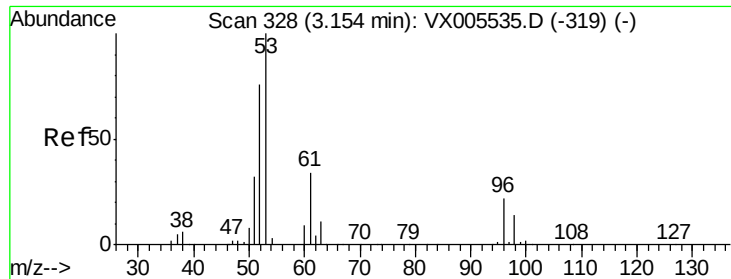
Tot Ion: 56 Resp: 30092
Ion Ratio Lower Upper
56 100
55 74.6 57.3 85.9



#14
Allyl chloride
Concen: 20.274 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.01 min
Lab File: VX005590.D
Acq: 25 Oct 2018 15:37

Tgt Ion: 41 Resp: 89903
Ion Ratio Lower Upper
41 100
39 60.9 48.2 72.4
76 28.4 21.9 32.9

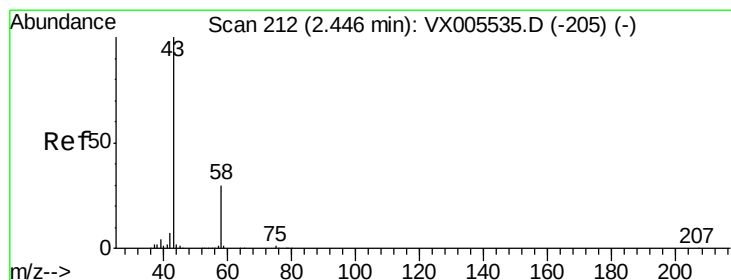
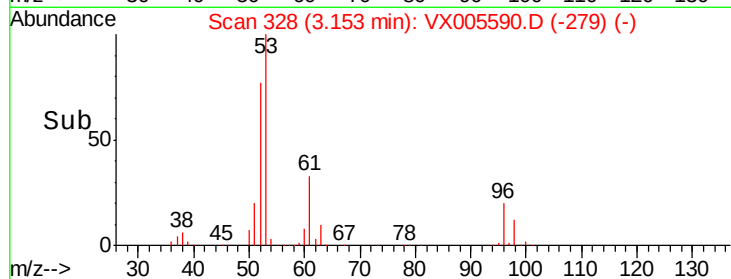
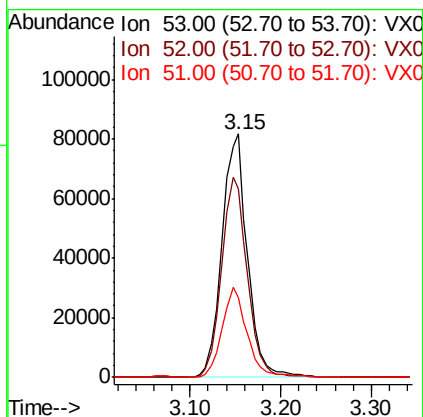
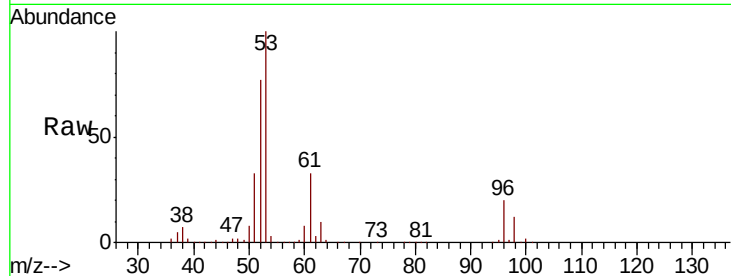




#15
 Acrylonitrile
 Concen: 101.862 ug/l
 RT: 3.15 min Scan# 328
 Delta R.T. -0.00 min
 Lab File: VX005590.D
 Acq: 25 Oct 2018 15:37

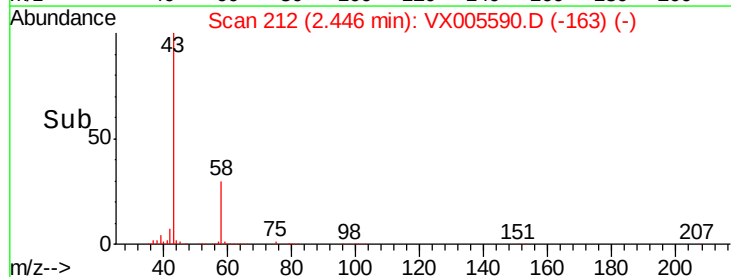
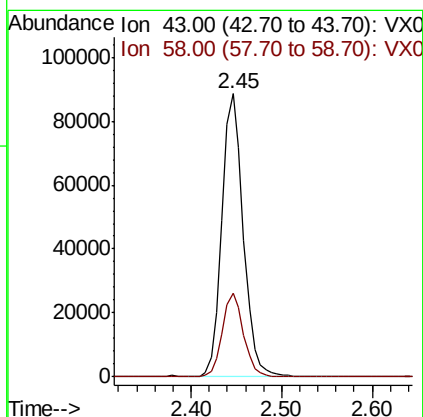
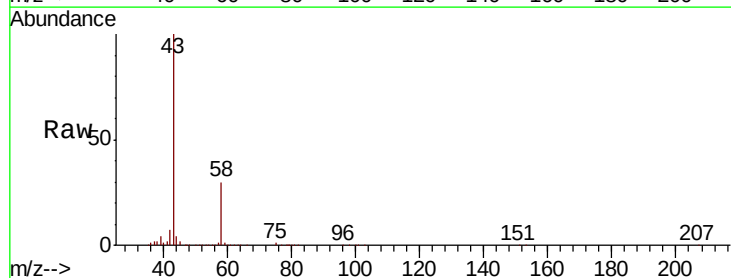
Instrument :
 MSVOA_X
 ClientSampleID :
 VX1025WBSD01

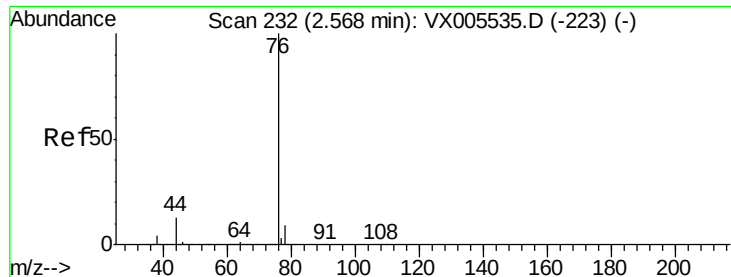
Tot Ion: 53 Resp: 158815
 Ion Ratio Lower Upper
 53 100
 52 82.7 66.6 99.8
 51 36.9 28.4 42.6



#16
 Acetone
 Concen: 105.999 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX005590.D
 Acq: 25 Oct 2018 15:37

Tgt Ion: 43 Resp: 144724
 Ion Ratio Lower Upper
 43 100
 58 29.7 23.8 35.6





#17

Carbon Disulfide

Concen: 21.338 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX005590.D

Acq: 25 Oct 2018 15:37

Instrument :

MSVOA_X

ClientSampleId :

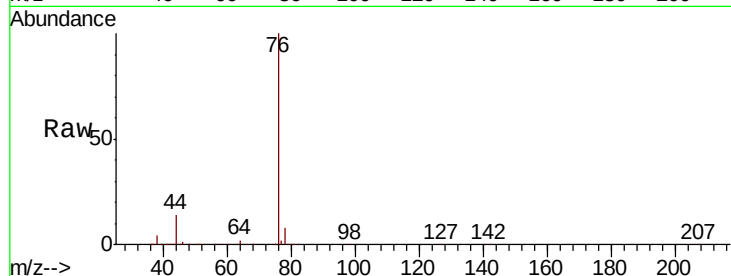
VX1025WBSD01

Tot Ion: 76 Resp: 129244

Ion Ratio Lower Upper

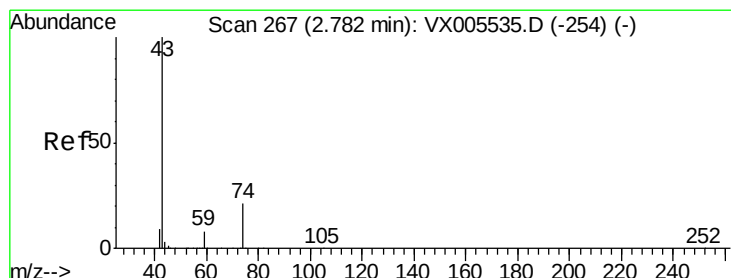
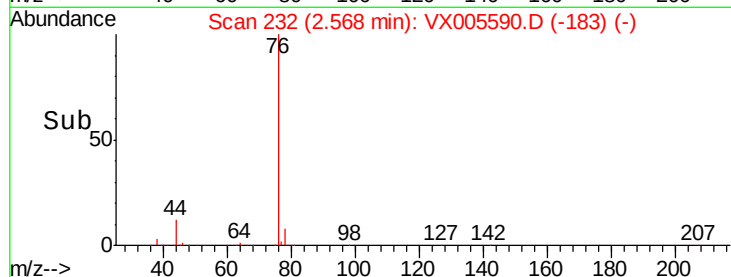
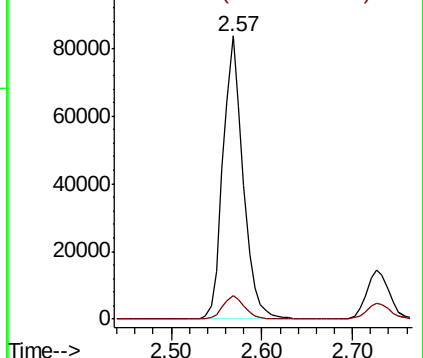
76 100

78 8.3 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 21.153 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX005590.D

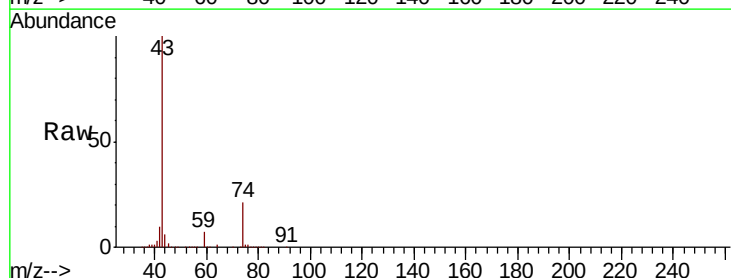
Acq: 25 Oct 2018 15:37

Tgt Ion: 43 Resp: 74192

Ion Ratio Lower Upper

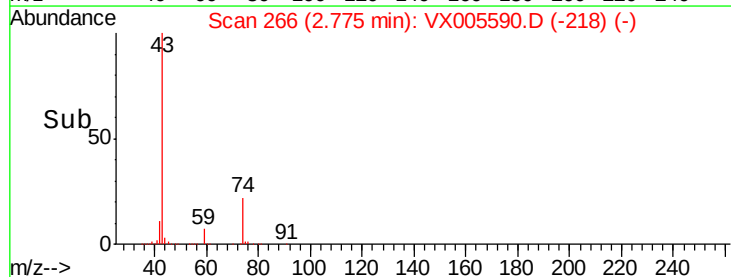
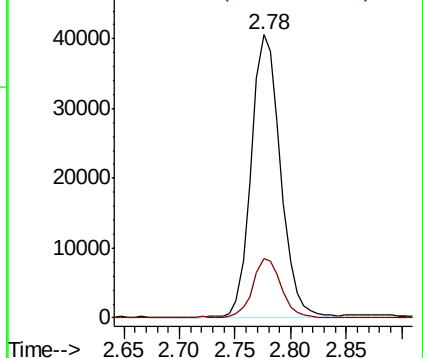
43 100

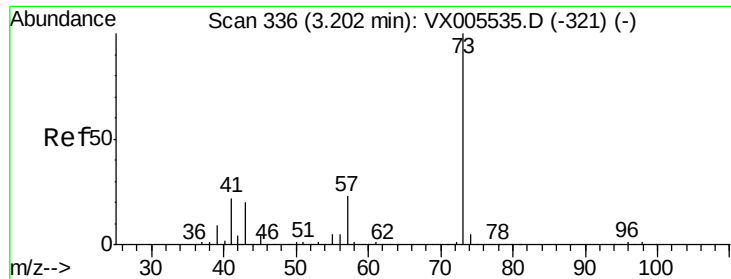
74 20.2 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

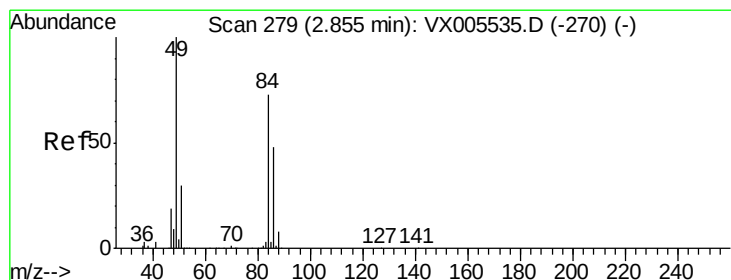
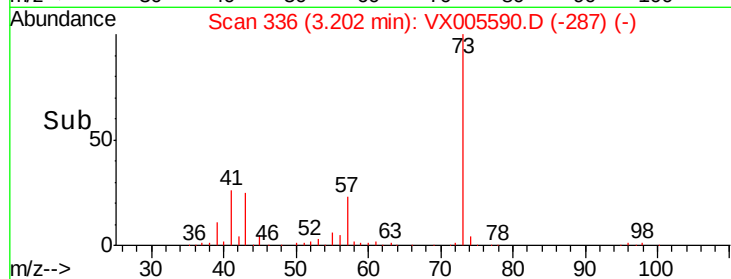
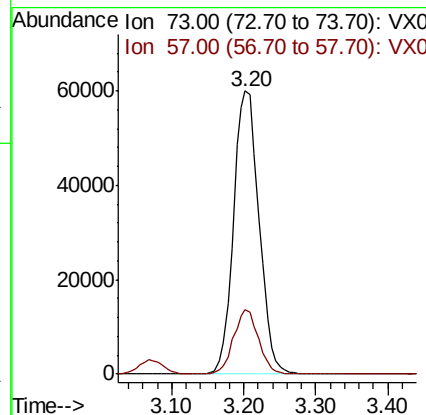
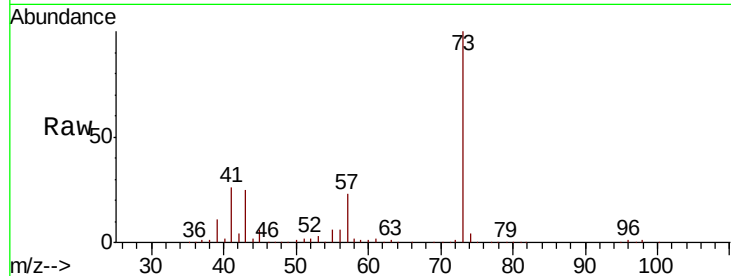




#19
Methyl tert-butyl Ether
Concen: 20.814 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX005590.D
Acq: 25 Oct 2018 15:37

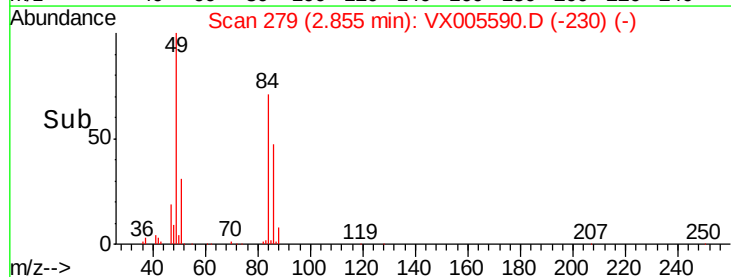
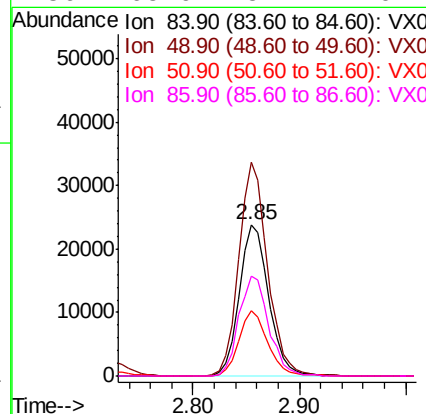
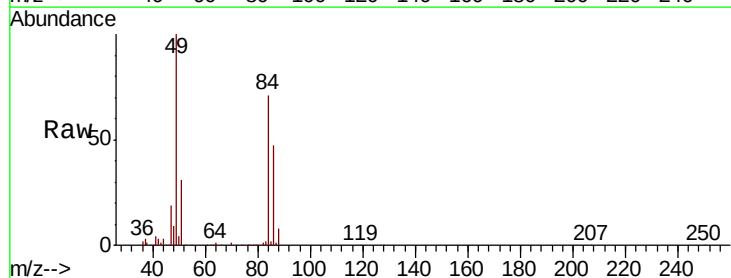
Instrument :
MSVOA_X
ClientSampleId :
VX1025WBSD01

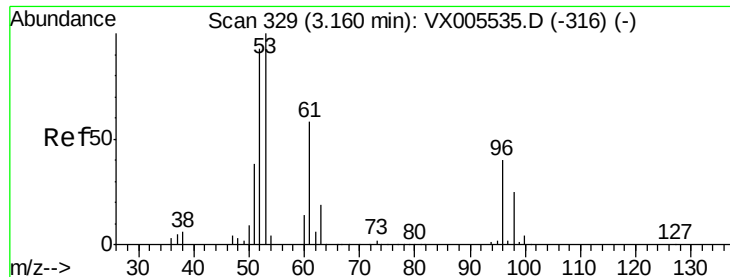
Tot Ion: 73 Resp: 147524
Ion Ratio Lower Upper
73 100
57 22.9 18.8 28.2



#20
Methylene Chloride
Concen: 20.255 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX005590.D
Acq: 25 Oct 2018 15:37

Tgt Ion: 84 Resp: 46316
Ion Ratio Lower Upper
84 100
49 141.3 109.5 164.3
51 43.5 33.3 49.9
86 65.9 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 19.777 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX005590.D

Acq: 25 Oct 2018 15:37

Instrument :

MSVOA_X

ClientSampleId :

VX1025WBSD01

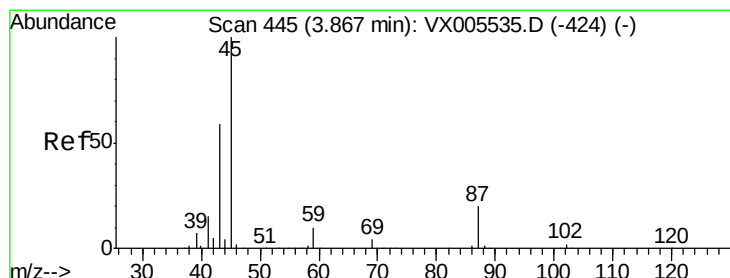
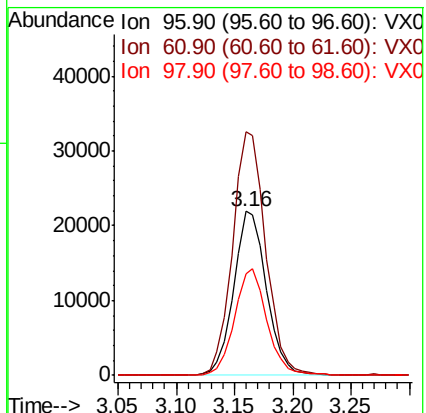
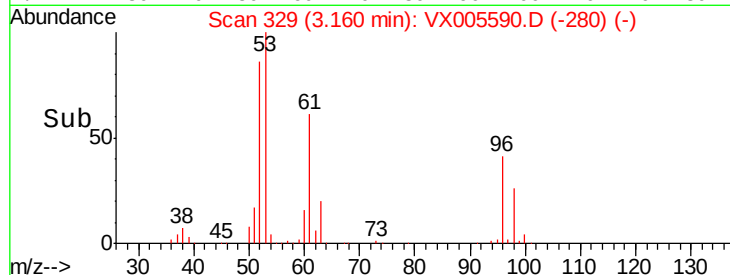
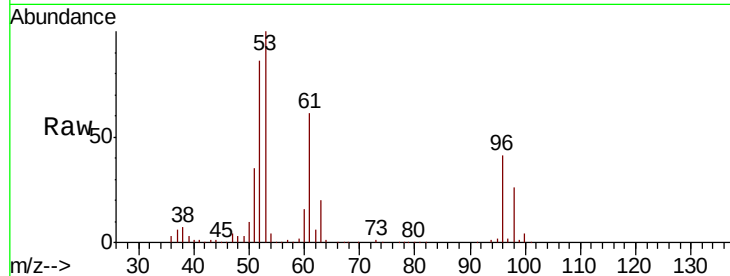
Tot Ion: 96 Resp: 42905

Ion Ratio Lower Upper

96 100

61 148.8 115.6 173.4

98 62.2 50.2 75.2



#22

Diisopropyl ether

Concen: 19.572 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: VX005590.D

Acq: 25 Oct 2018 15:37

Tgt Ion: 45 Resp: 151561

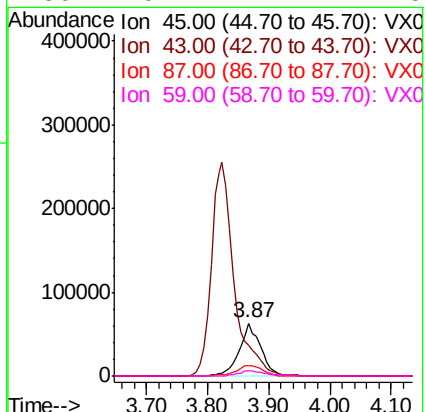
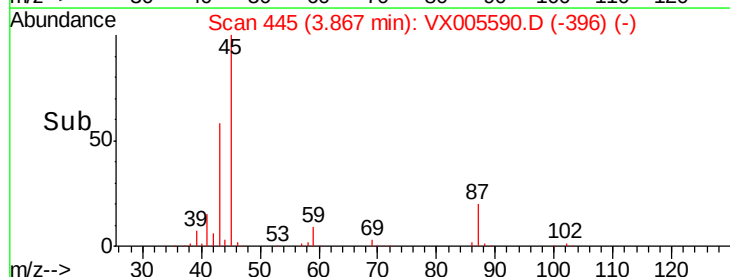
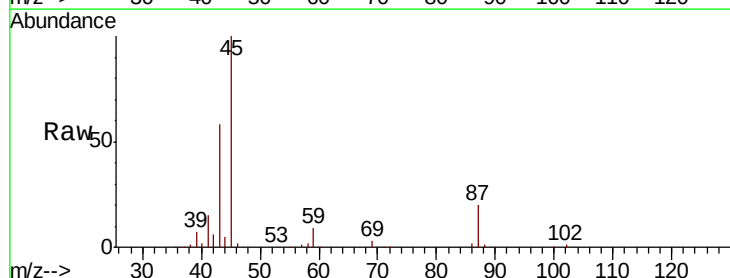
Ion Ratio Lower Upper

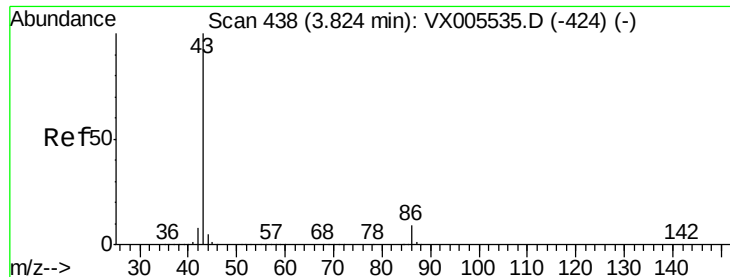
45 100

43 57.7 47.4 71.2

87 20.2 15.9 23.9

59 9.1 7.7 11.5





#23

Vinyl Acetate

Concen: 97.635 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX005590.D

Acq: 25 Oct 2018 15:37

Instrument :

MSVOA_X

ClientSampleId :

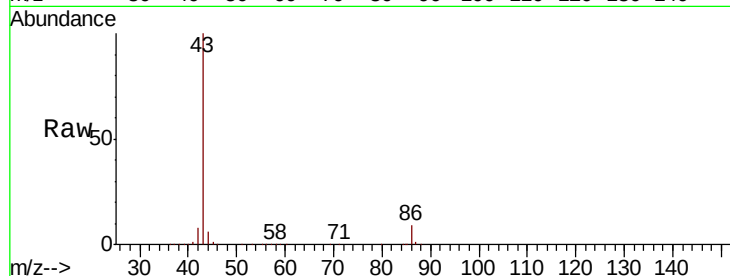
VX1025WBSD01

Tot Ion: 43 Resp: 665876

Ion Ratio Lower Upper

43 100

86 9.4 7.4 11.2



Abundance Ion 43.00 (42.70 to 43.70): VX005535.D (-424) (-)

Ion 86.00 (85.70 to 86.70): VX005535.D (-424) (-)

3.82

250000

200000

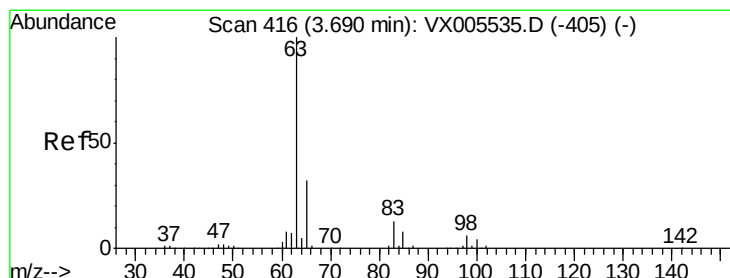
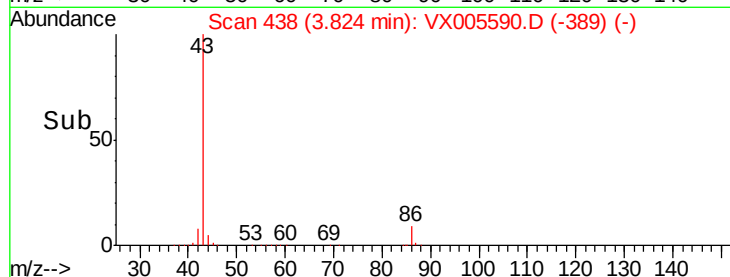
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.335 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX005590.D

Acq: 25 Oct 2018 15:37

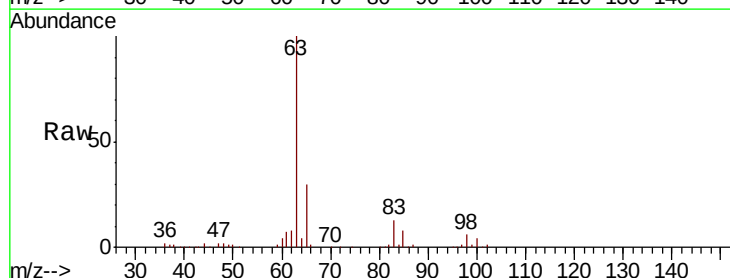
Tgt Ion: 63 Resp: 85615

Ion Ratio Lower Upper

63 100

98 6.5 3.2 9.6

100 3.9 2.1 6.2



Abundance Ion 62.90 (62.60 to 63.60): VX005535.D (-405) (-)

Ion 97.90 (97.60 to 98.60): VX005535.D (-405) (-)

Ion 99.90 (99.60 to 100.60): VX005535.D (-405) (-)

3.70

40000

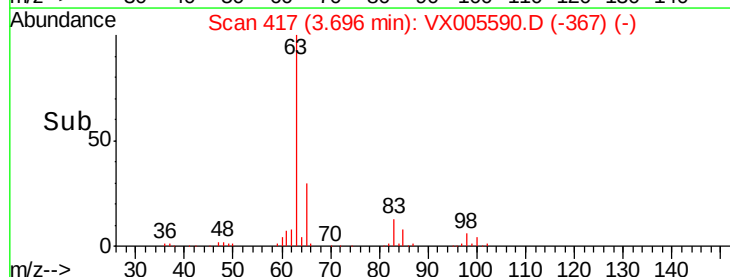
30000

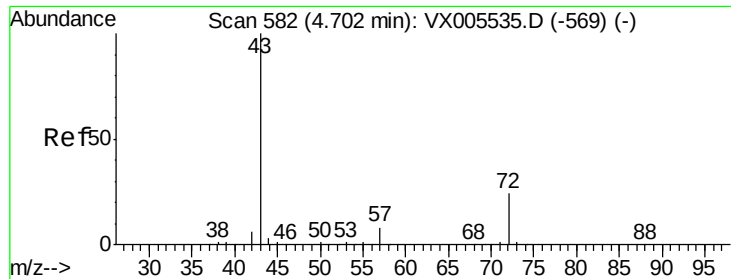
20000

10000

0

Time-->





#25

2-Butanone

Concen: 103.978 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX005590.D

Acq: 25 Oct 2018 15:37

Instrument :

MSVOA_X

ClientSampleId :

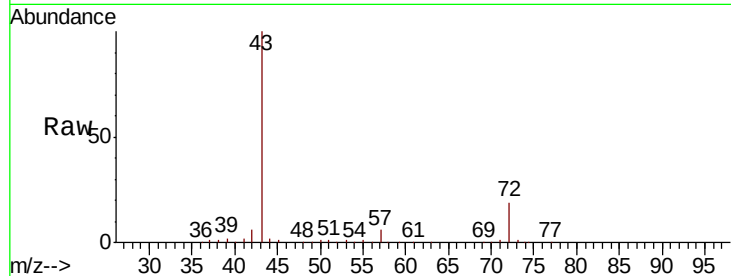
VX1025WBSD01

Tot Ion: 43 Resp: 216182

Ion Ratio Lower Upper

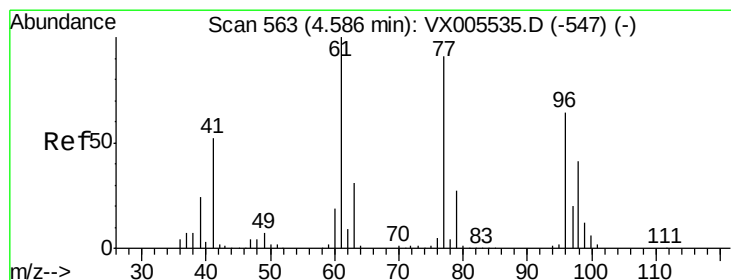
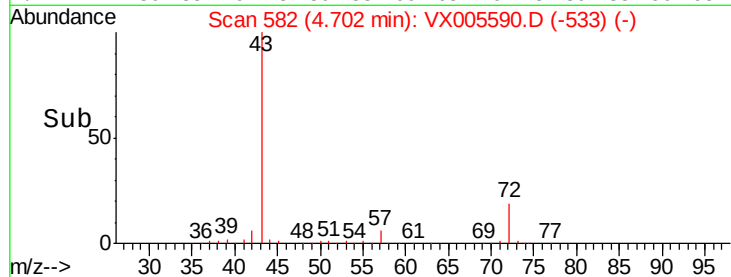
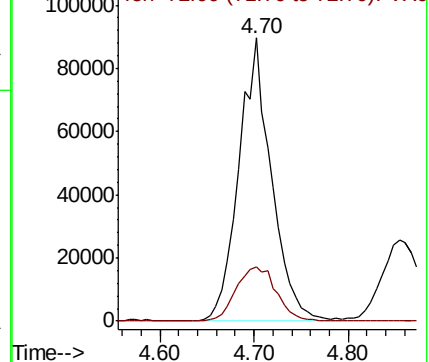
43 100

72 19.2 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.310 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX005590.D

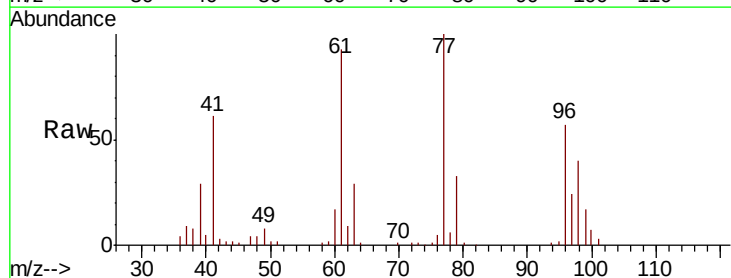
Acq: 25 Oct 2018 15:37

Tgt Ion: 77 Resp: 59516

Ion Ratio Lower Upper

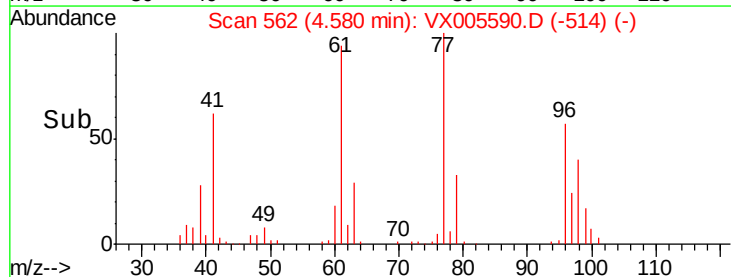
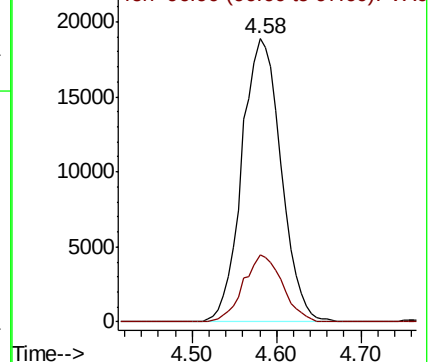
77 100

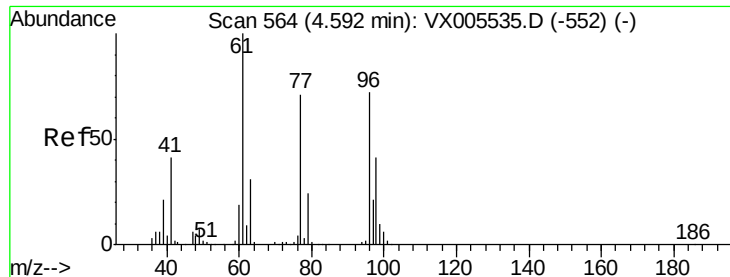
97 23.6 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



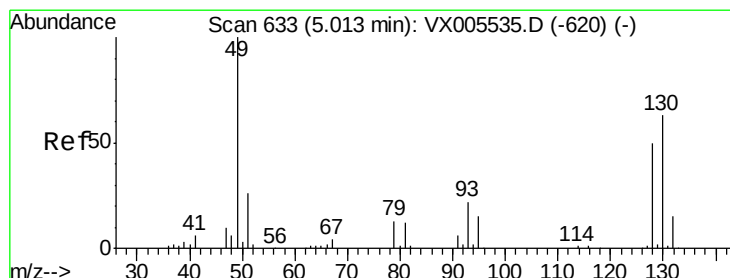
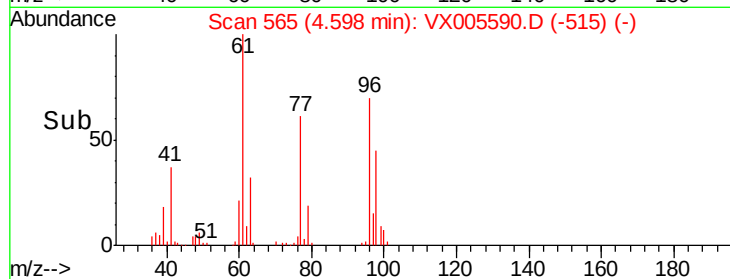
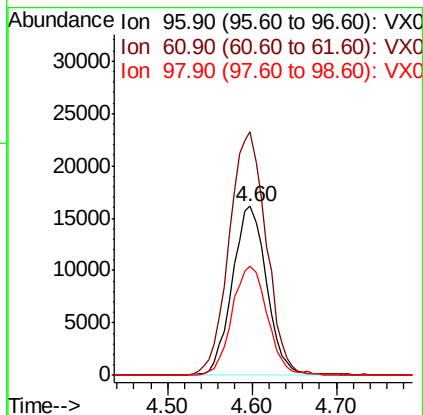
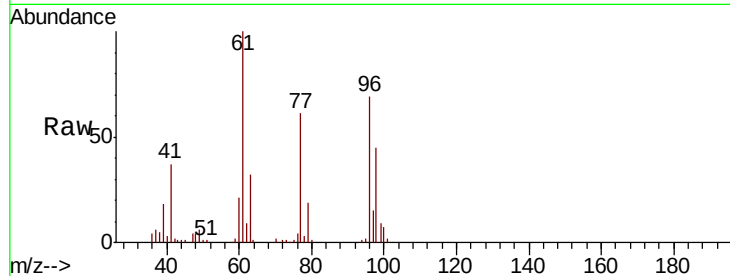


#27

cis-1,2-Dichloroethene
 Concen: 18.995 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: VX005590.D
 Acq: 25 Oct 2018 15:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1025WBSD01

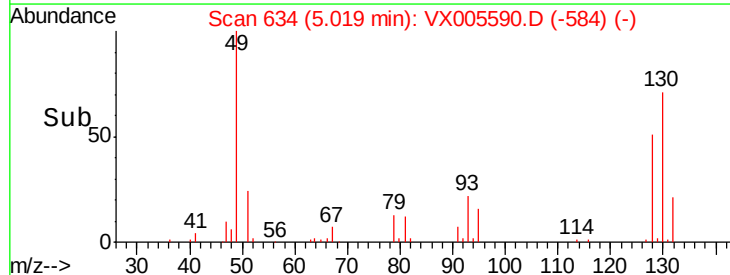
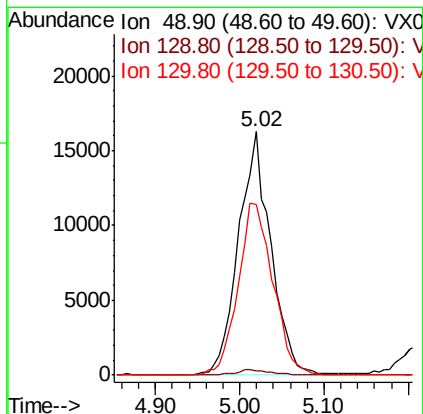
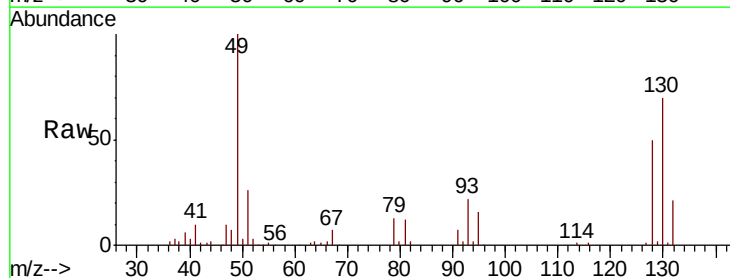
Tot Ion	Ratio	Lower	Upper
96	100		
61	156.3	0.0	304.6
98	66.6	0.0	127.4

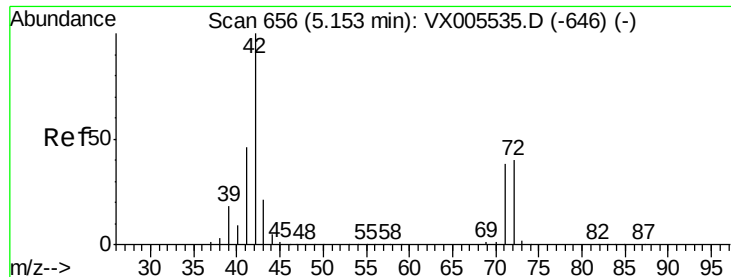


#28

Bromochloromethane
 Concen: 20.710 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.01 min
 Lab File: VX005590.D
 Acq: 25 Oct 2018 15:37

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.0
130	76.0	58.9	88.3

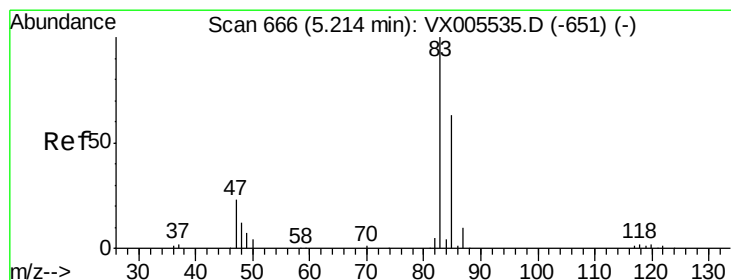
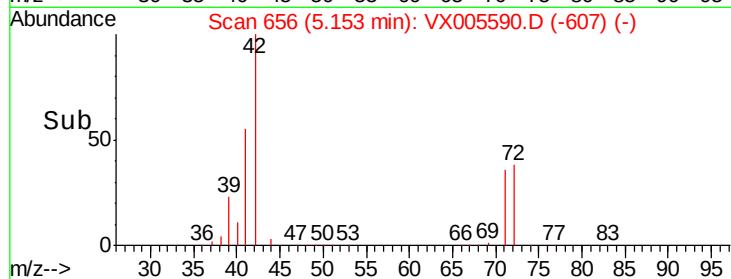
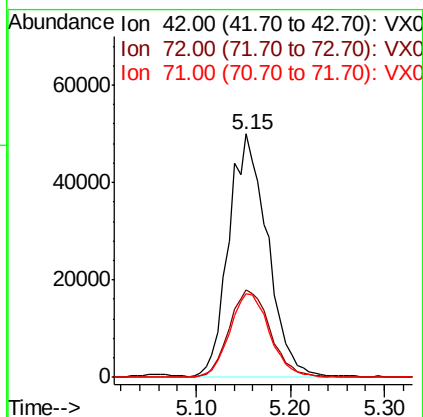
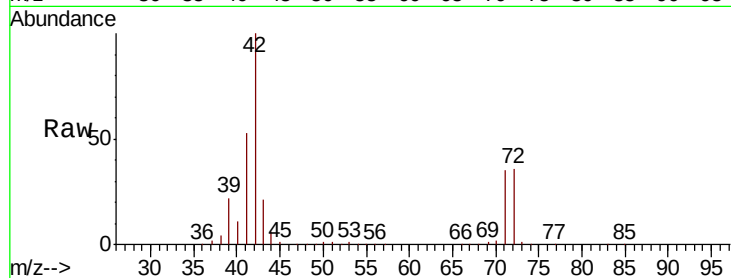




#29
Tetrahydrofuran
Concen: 105.207 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX005590.D
Acq: 25 Oct 2018 15:37

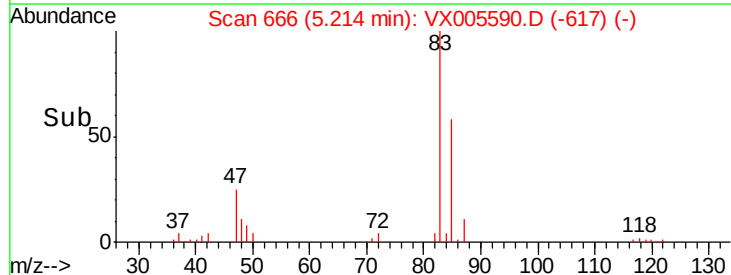
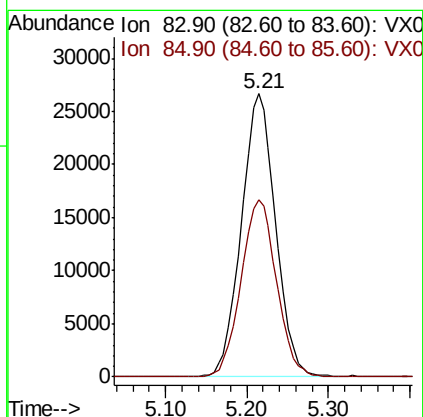
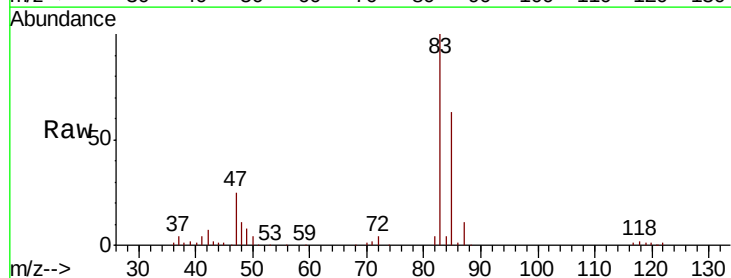
Instrument :
MSVOA_X
ClientSampleId :
VX1025WBSD01

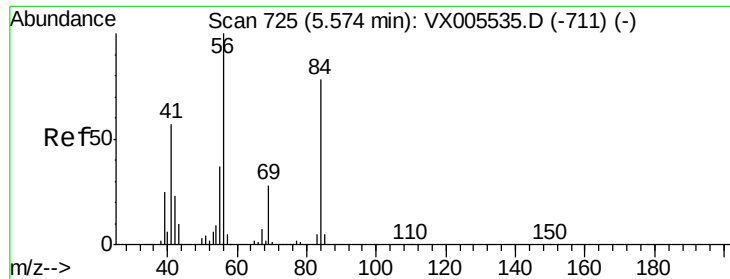
Tot Ion: 42 Resp: 142350
Ion Ratio Lower Upper
42 100
72 38.6 32.0 48.0
71 35.9 29.8 44.8



#30
Chloroform
Concen: 19.737 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX005590.D
Acq: 25 Oct 2018 15:37

Tgt Ion: 83 Resp: 77728
Ion Ratio Lower Upper
83 100
85 62.7 50.6 76.0

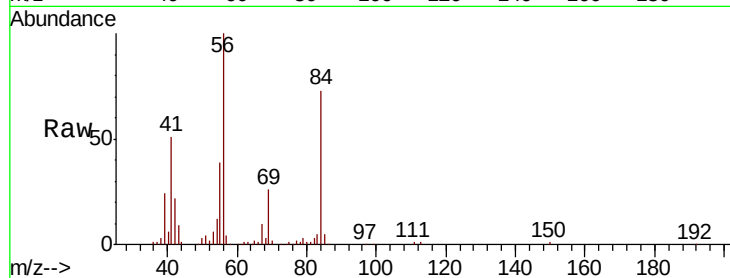




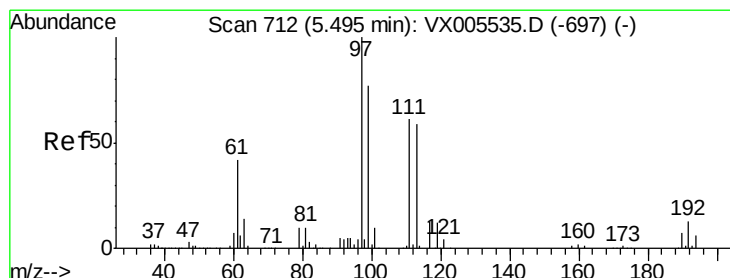
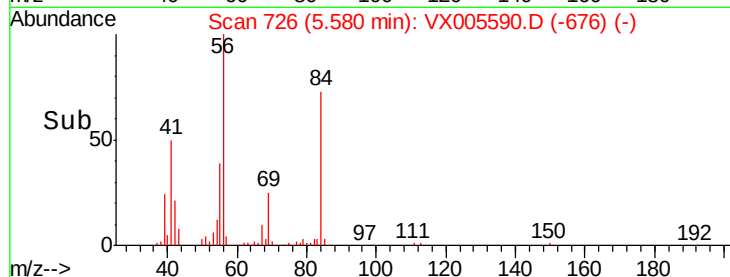
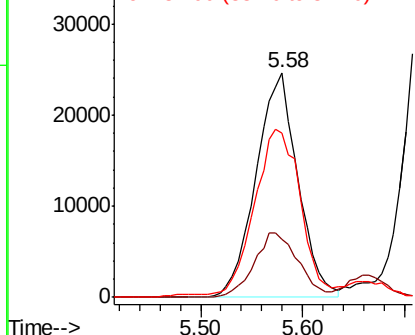
#31
Cyclohexane
Concen: 20.183 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX005590.D
Acq: 25 Oct 2018 15:37

Instrument :
MSVOA_X
ClientSampleId :
VX1025WBSD01

Tot Ion: 56 Resp: 70307
Ion Ratio Lower Upper
56 100
69 25.6 22.6 34.0
84 71.6 62.7 94.1

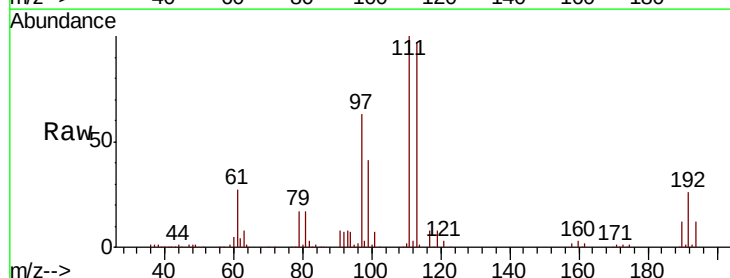


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

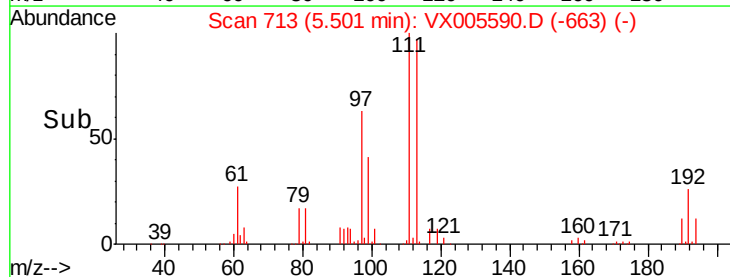
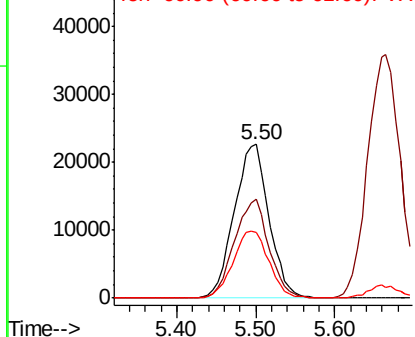


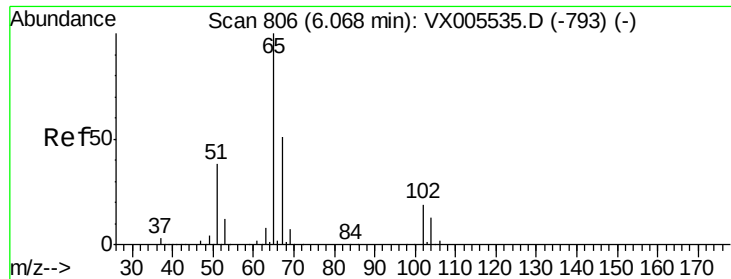
#32
1,1,1-Trichloroethane
Concen: 19.933 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX005590.D
Acq: 25 Oct 2018 15:37

Tgt Ion: 97 Resp: 69286
Ion Ratio Lower Upper
97 100
99 63.8 52.3 78.5
61 45.0 35.2 52.8



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

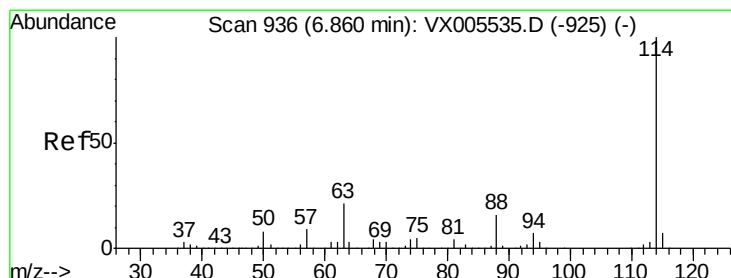
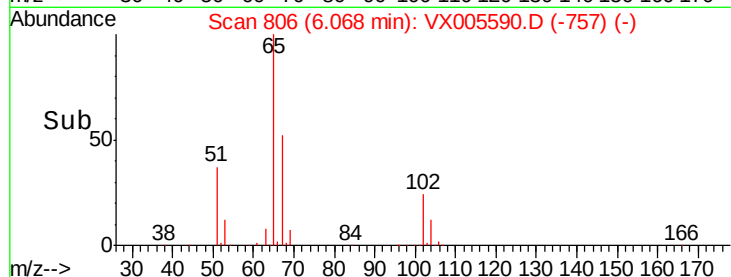
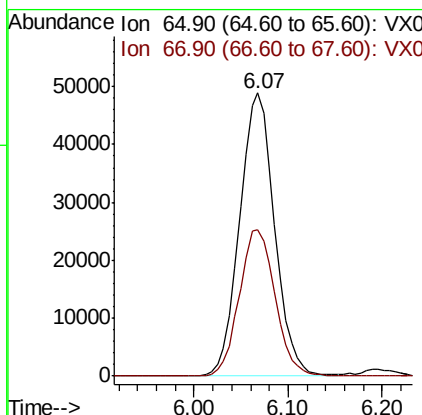
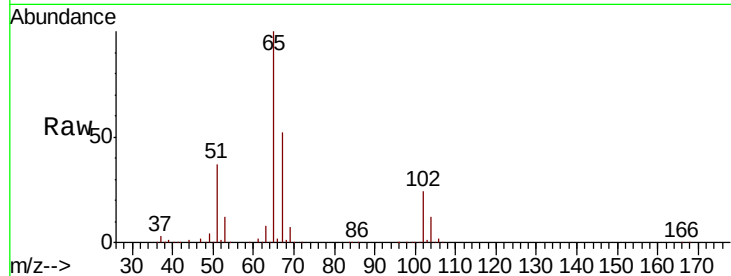




#33
 1,2-Dichloroethane-d4
 Concen: 49.103 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX005590.D
 Acq: 25 Oct 2018 15:37

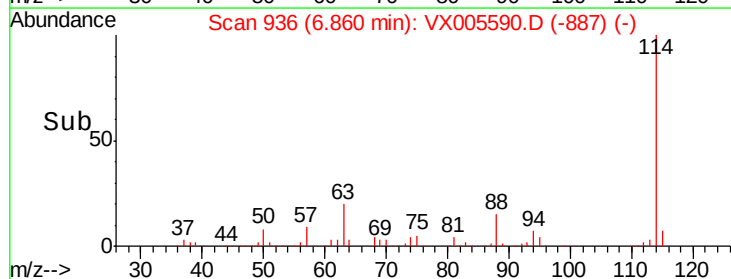
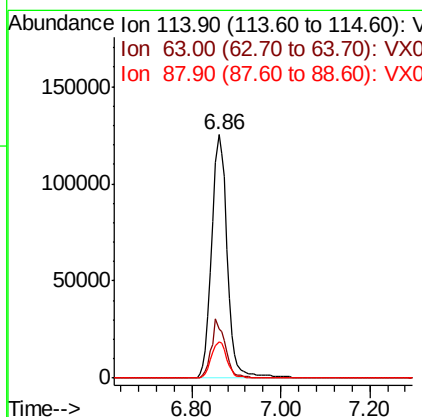
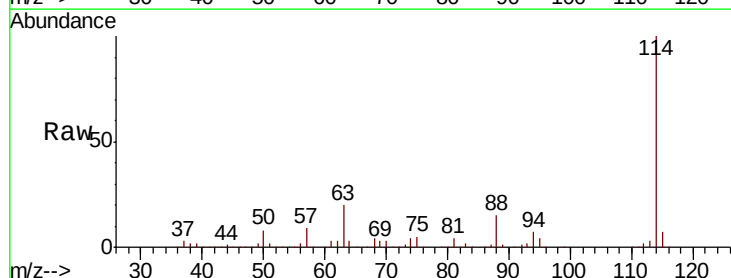
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1025WBSD01

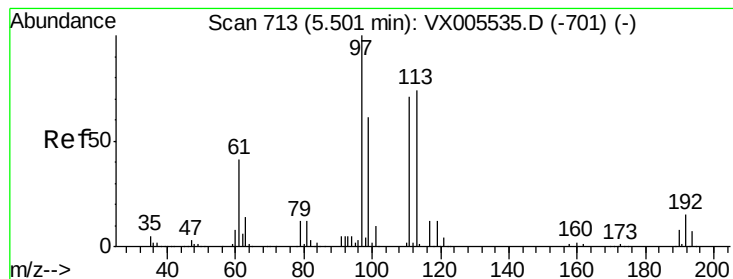
Tot Ion: 65 Resp: 126873
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005590.D
 Acq: 25 Oct 2018 15:37

Tgt Ion: 114 Resp: 303996
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 42.8
 88 15.0 0.0 31.2





#35

Dibromofluoromethane

Concen: 48.430 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX005590.D

Acq: 25 Oct 2018 15:37

Instrument :

MSVOA_X

ClientSampleId :

VX1025WBSD01

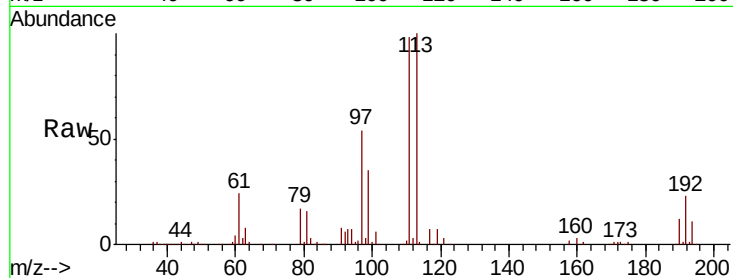
Tot Ion:113 Resp: 99688

Ion Ratio Lower Upper

113 100

111 100.4 82.3 123.5

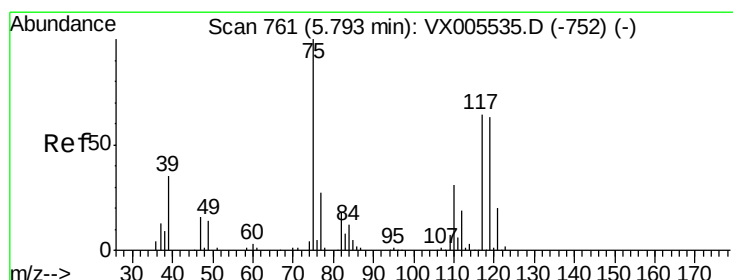
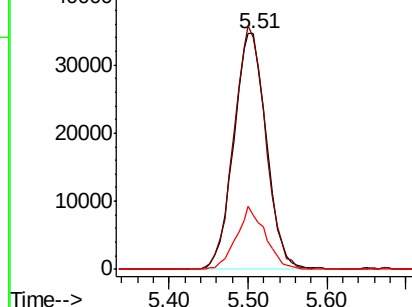
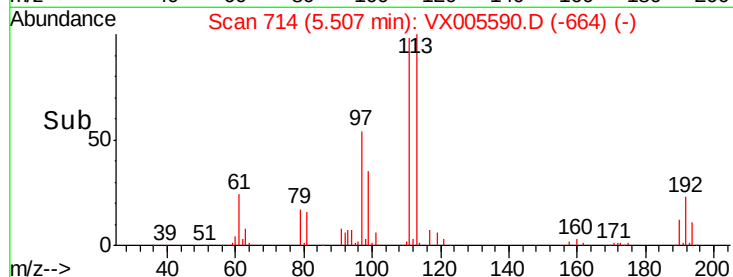
192 23.5 17.9 26.9



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: 19.342 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.01 min

Lab File: VX005590.D

Acq: 25 Oct 2018 15:37

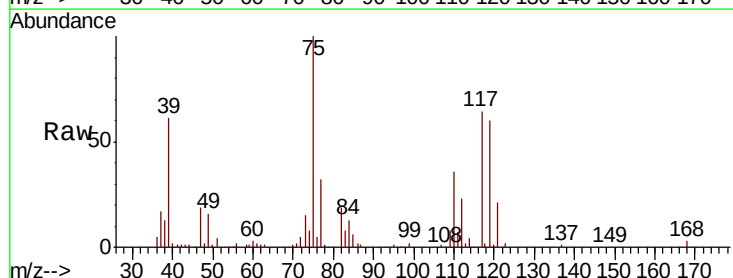
Tgt Ion: 75 Resp: 57061

Ion Ratio Lower Upper

75 100

110 36.6 17.4 52.2

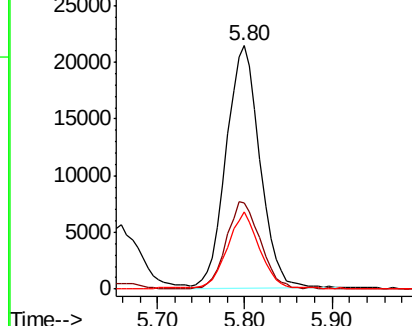
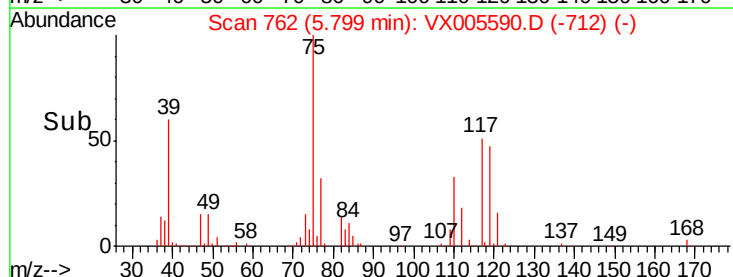
77 31.3 25.8 38.6

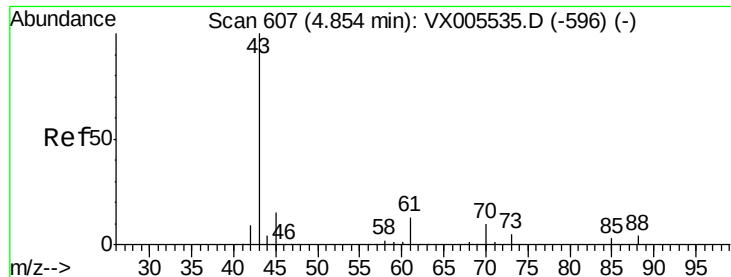


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

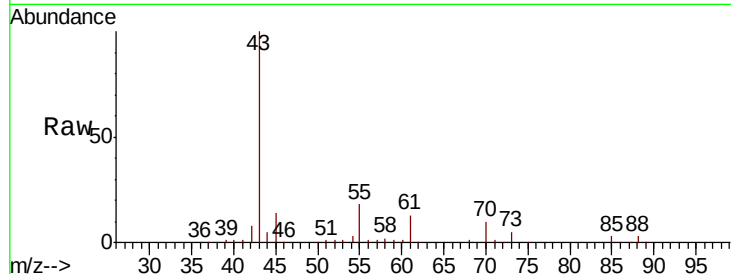




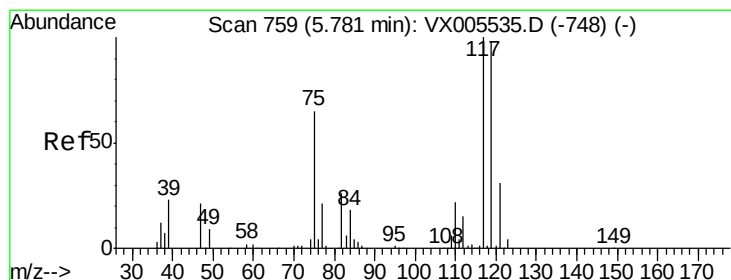
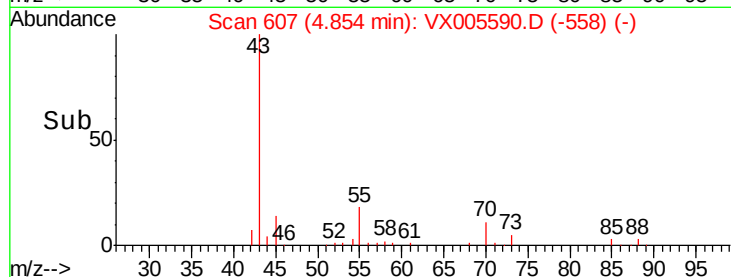
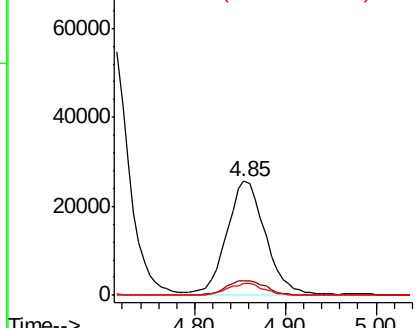
#37
Ethyl Acetate
Concen: 19.952 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX005590.D
Acq: 25 Oct 2018 15:37

Instrument :
MSVOA_X
ClientSampleId :
VX1025WBSD01

Tot Ion: 43 Resp: 75113
Ion Ratio Lower Upper
43 100
61 13.7 10.8 16.2
70 10.3 7.8 11.8

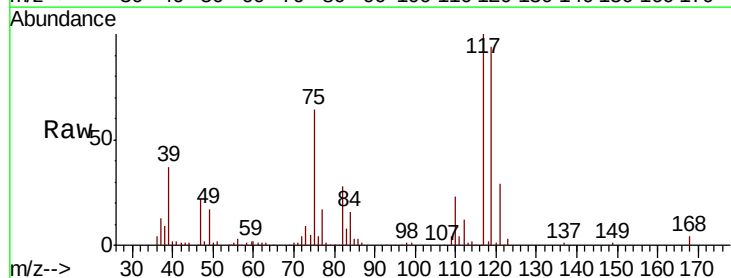


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

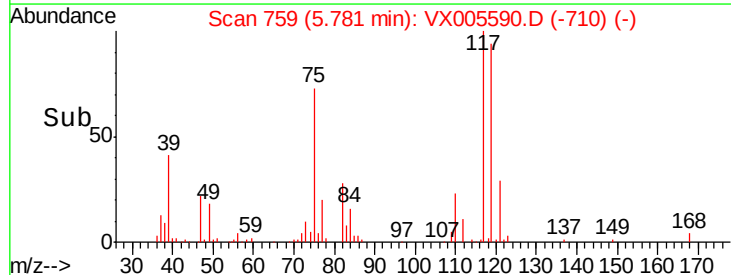
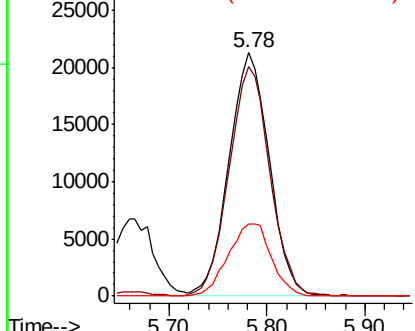


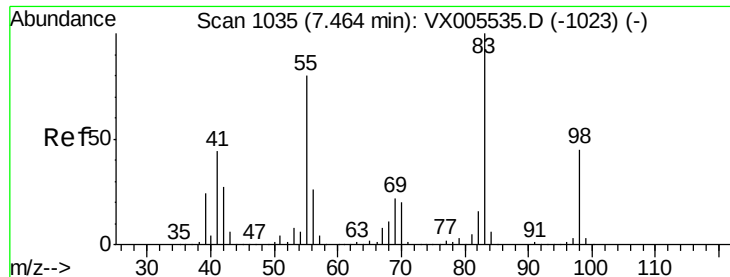
#38
Carbon Tetrachloride
Concen: 19.485 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX005590.D
Acq: 25 Oct 2018 15:37

Tgt Ion: 117 Resp: 60544
Ion Ratio Lower Upper
117 100
119 94.3 78.1 117.1
121 29.6 24.6 36.8



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

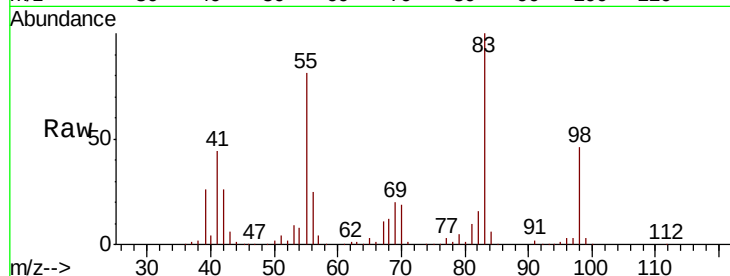




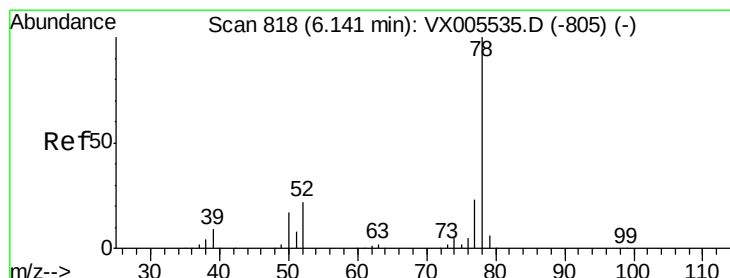
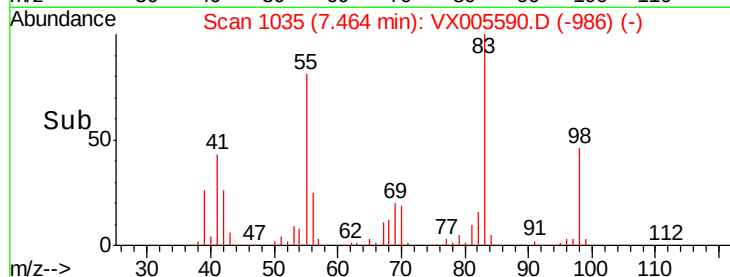
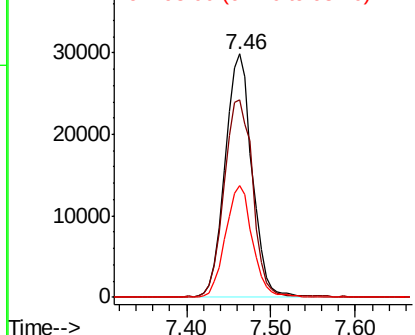
#39
Methylvlcyclohexane
Concen: 20.175 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX005590.D
Acq: 25 Oct 2018 15:37

Instrument :
MSVOA_X
ClientSampleId :
VX1025WBSD01

Tot Ion: 83 Resp: 65724
Ion Ratio Lower Upper
83 100
55 81.0 63.7 95.5
98 45.9 36.2 54.2

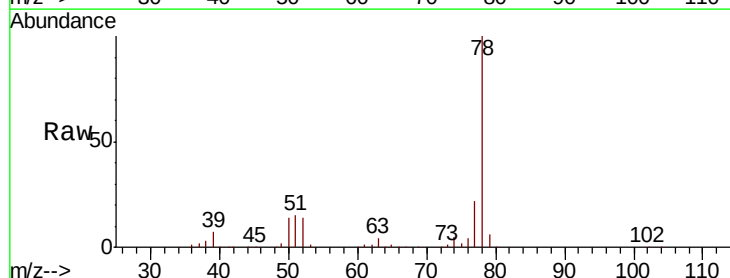


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

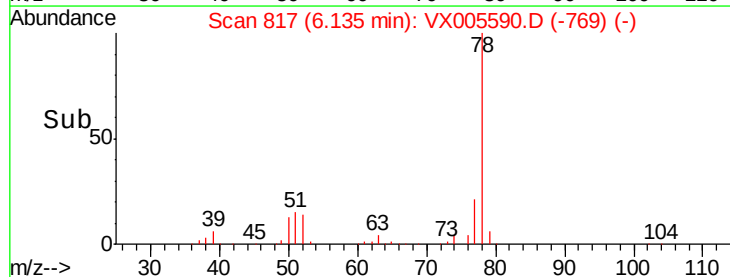
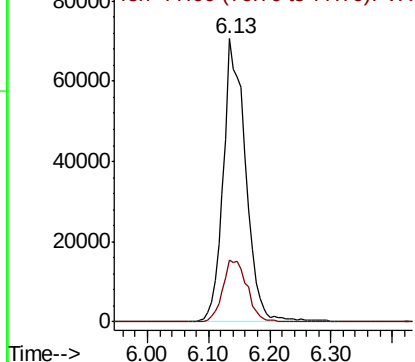


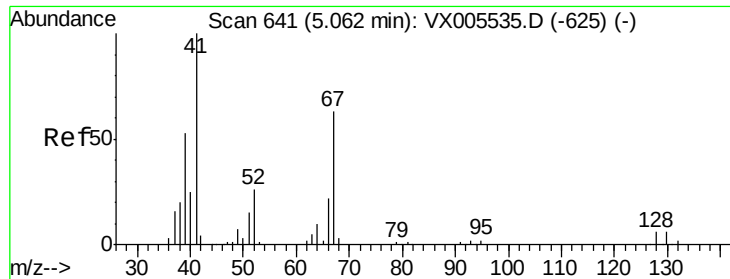
#40
Benzene
Concen: 21.168 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX005590.D
Acq: 25 Oct 2018 15:37

Tgt Ion: 78 Resp: 179019
Ion Ratio Lower Upper
78 100
77 21.7 18.4 27.6



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

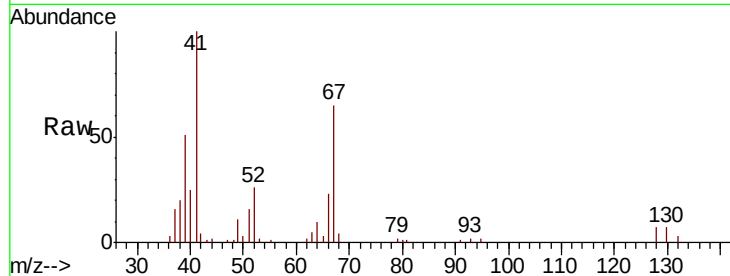




#41
Methacrylonitrile
Concen: 19.318 ug/l
RT: 5.06 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX005590.D
Acq: 25 Oct 2018 15:37

Instrument :
MSVOA_X
ClientSampleId :
VX1025WBSD01

Tot Ion:	41	Resp:	40510
Ion	Ratio	Lower	Upper
41	100		
39	57.3	42.2	63.2
67	71.4	53.4	80.0
52	28.8	23.4	35.2



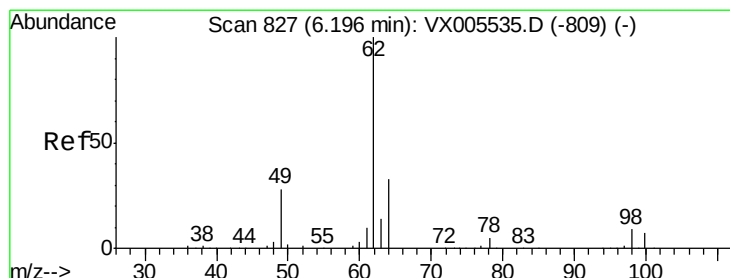
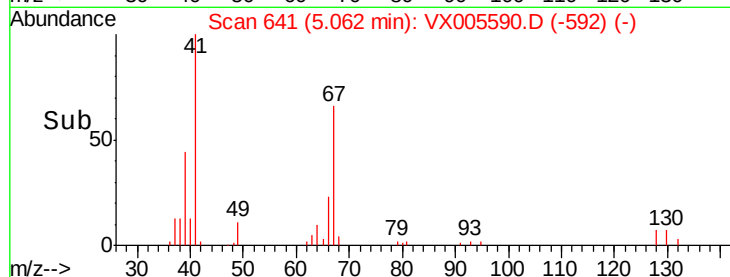
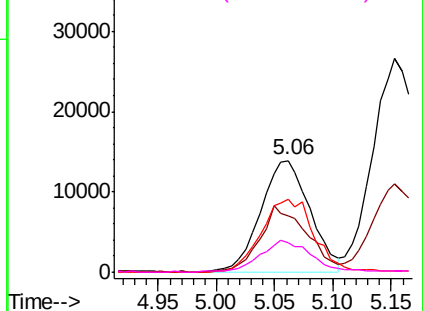
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

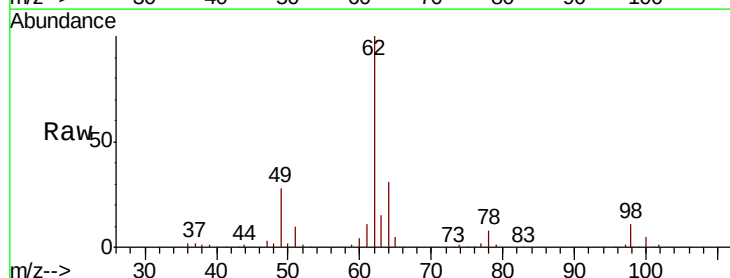
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 20.462 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX005590.D
Acq: 25 Oct 2018 15:37

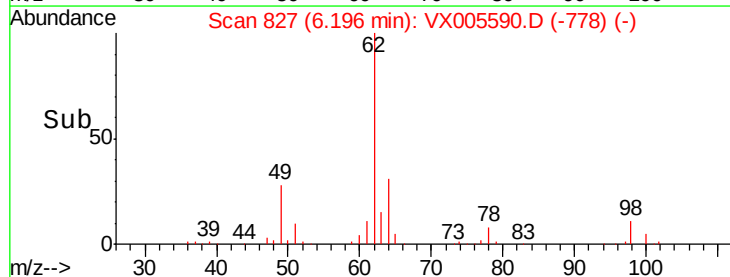
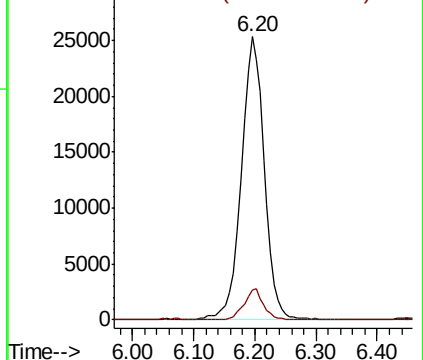
Tgt Ion:	62	Resp:	65738
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	17.8

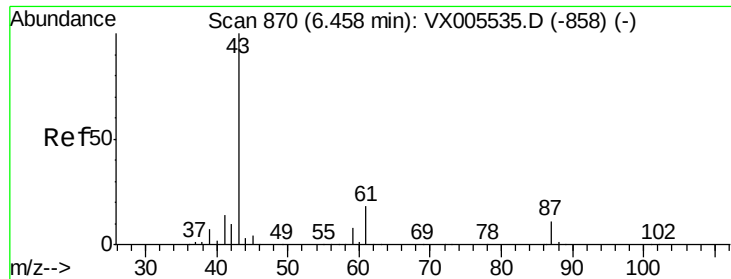


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.228 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX005590.D

Acq: 25 Oct 2018 15:37

Instrument :

MSVOA_X

ClientSampleId :

VX1025WBSD01

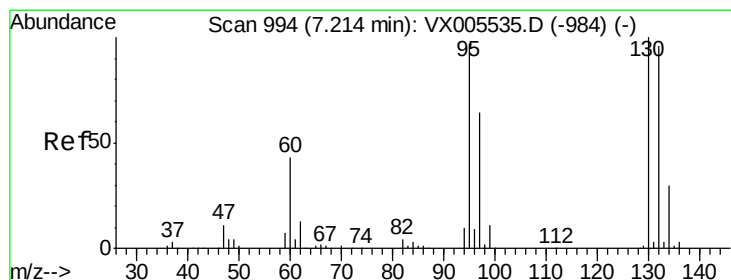
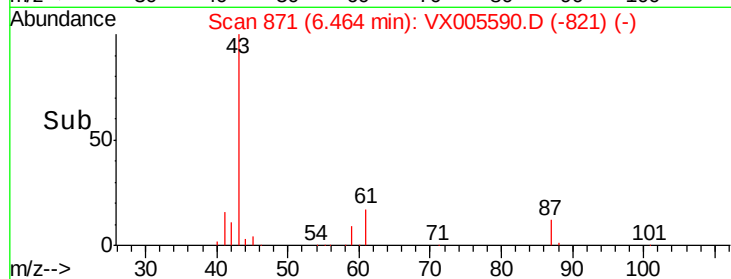
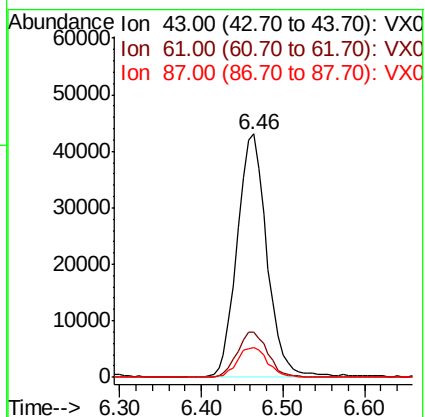
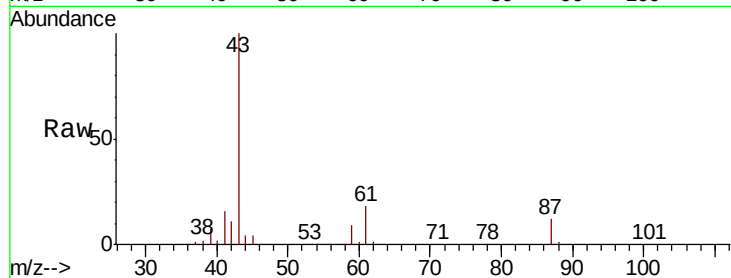
Tot Ion: 43 Resp: 108473

Ion Ratio Lower Upper

43 100

61 19.4 14.6 22.0

87 12.7 9.6 14.4



#44

Trichloroethene

Concen: 20.183 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX005590.D

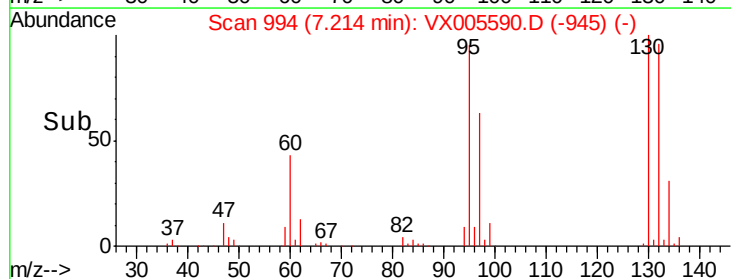
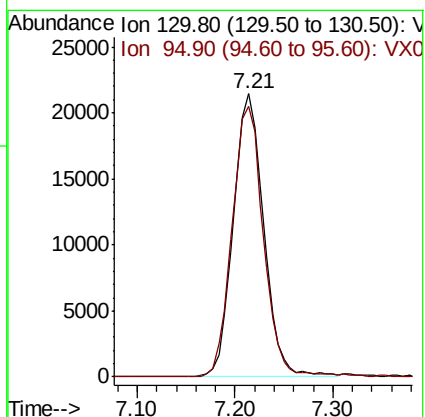
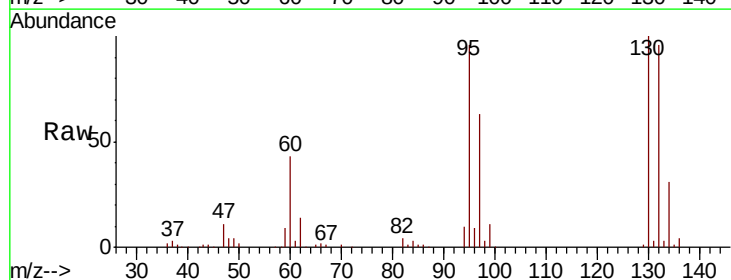
Acq: 25 Oct 2018 15:37

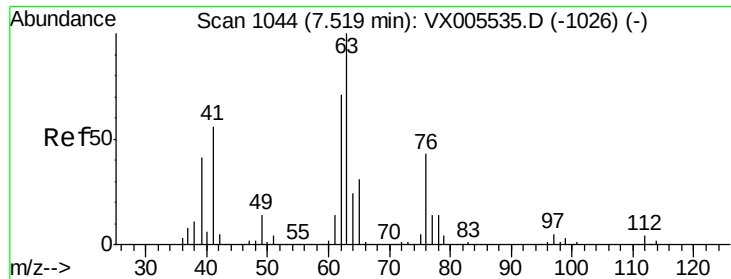
Tgt Ion:130 Resp: 46499

Ion Ratio Lower Upper

130 100

95 95.7 0.0 194.2

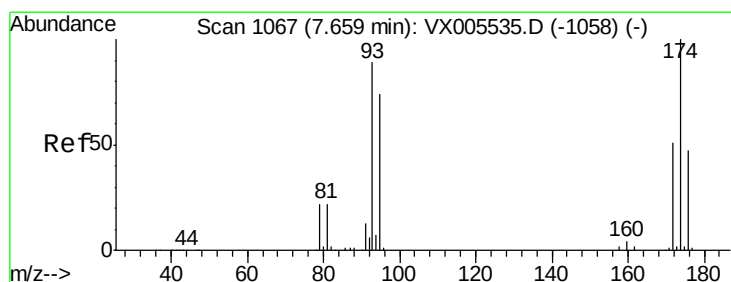
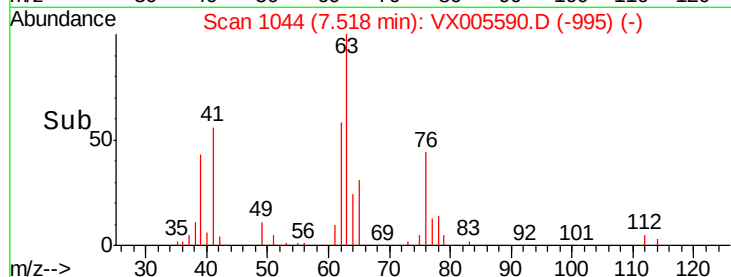
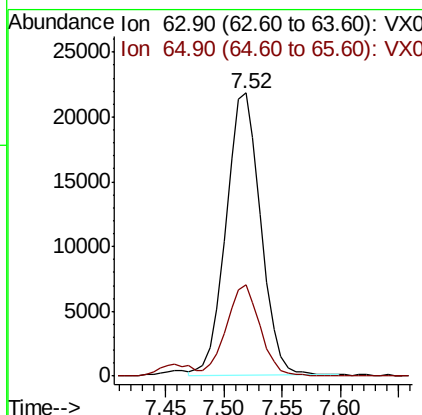
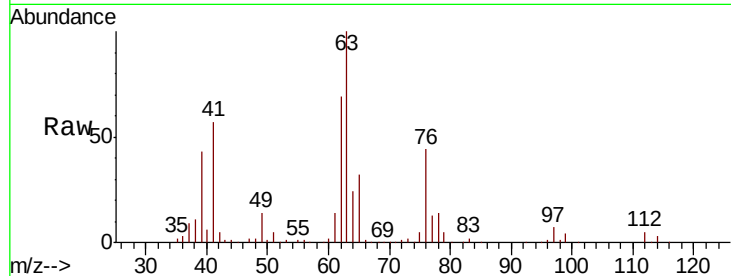




#45
 1,2-Dichloropropane
 Concen: 19.795 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX005590.D
 Acq: 25 Oct 2018 15:37

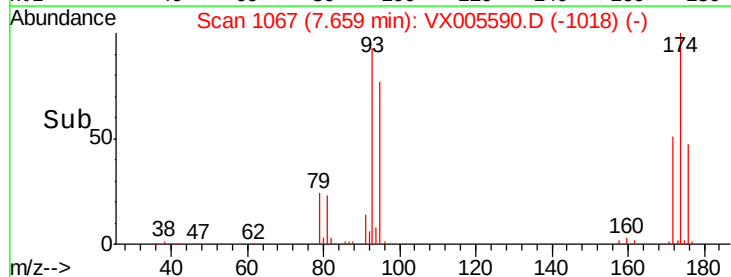
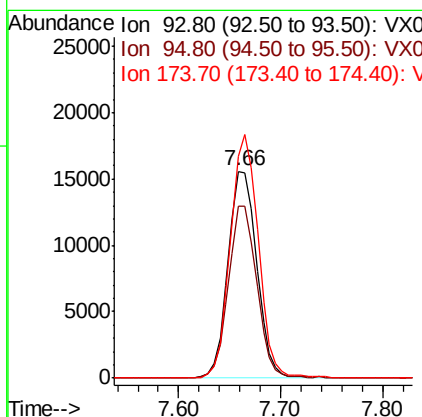
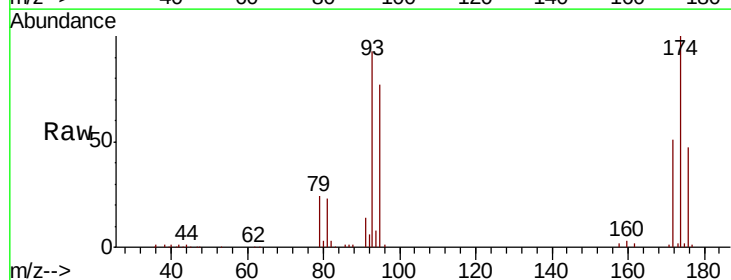
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1025WBSD01

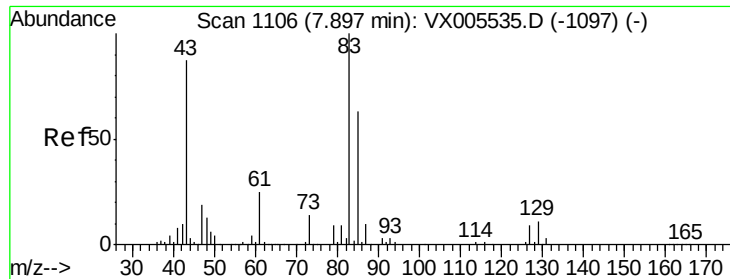
Tot Ion: 63 Resp: 45008
 Ion Ratio Lower Upper
 63 100
 65 32.2 24.8 37.2



#46
 Dibromomethane
 Concen: 20.739 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX005590.D
 Acq: 25 Oct 2018 15:37

Tgt Ion: 93 Resp: 30454
 Ion Ratio Lower Upper
 93 100
 95 81.9 67.4 101.0
 174 114.3 91.5 137.3





#47

Bromodichloromethane

Concen: 20.218 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX005590.D

Acq: 25 Oct 2018 15:37

Instrument :

MSVOA_X

ClientSampleId :

VX1025WBSD01

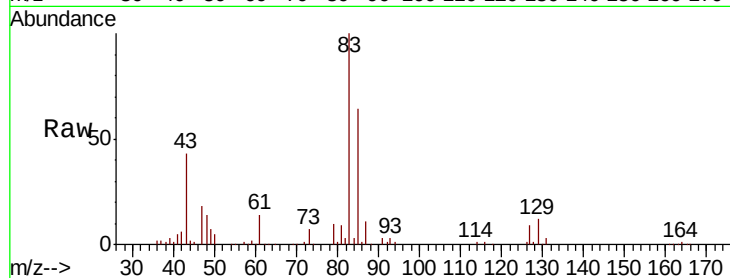
Tot Ion: 83 Resp: 57623

Ion Ratio Lower Upper

83 100

85 63.6 50.2 75.4

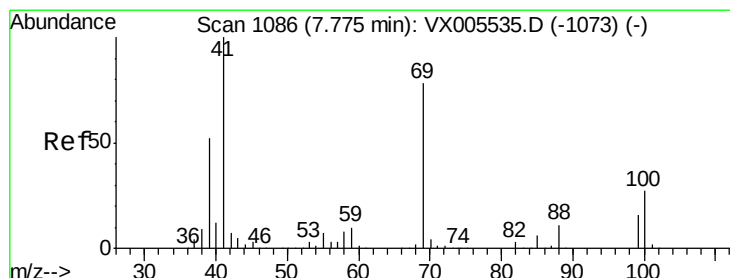
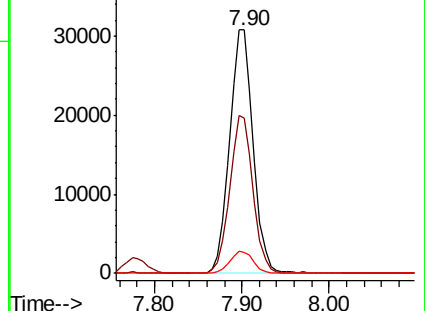
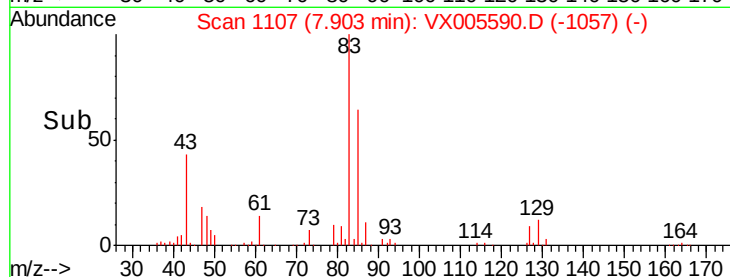
127 8.7 6.9 10.3



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: 20.544 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX005590.D

Acq: 25 Oct 2018 15:37

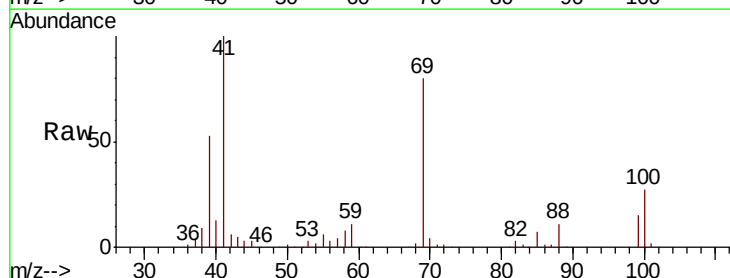
Tgt Ion: 41 Resp: 56459

Ion Ratio Lower Upper

41 100

69 79.0 63.2 94.8

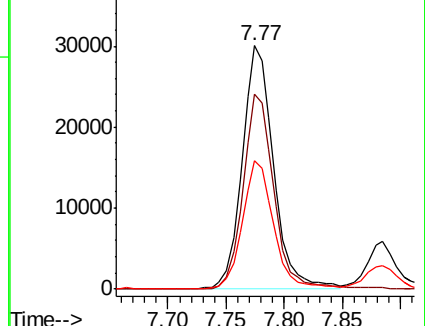
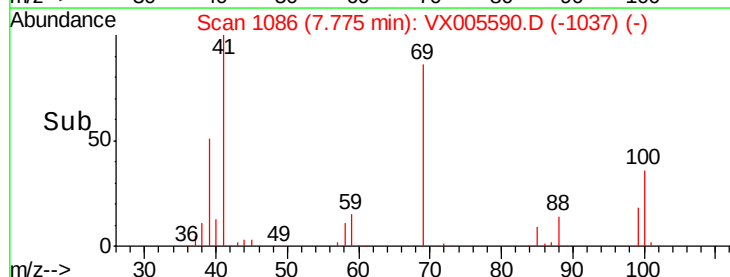
39 52.6 42.2 63.2

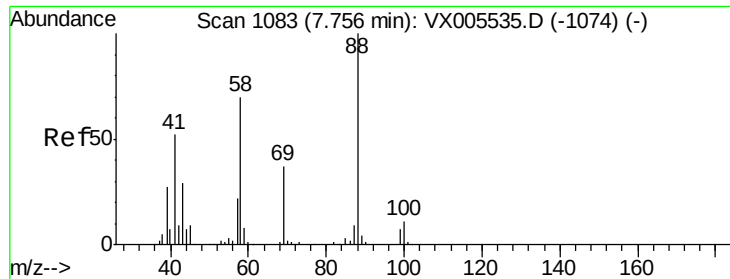


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 402.190 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. -0.01 min

Lab File: VX005590.D

Acq: 25 Oct 2018 15:37

Instrument :

MSVOA_X

ClientSampled :

VX1025WBSD01

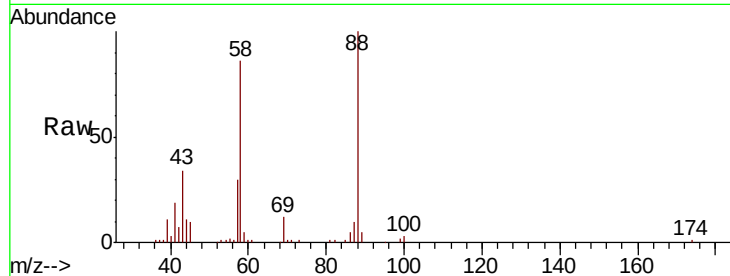
Tot Ion: 88 Resp: 24155

Ion Ratio Lower Upper

88 100

43 34.2 27.4 41.0

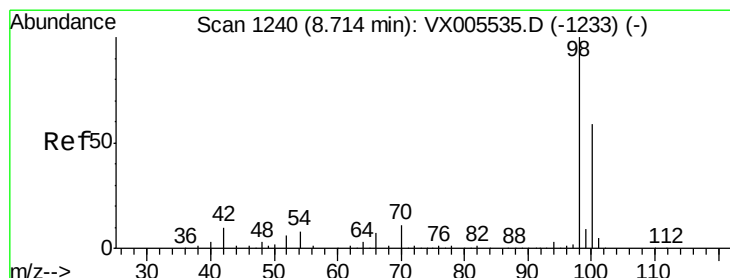
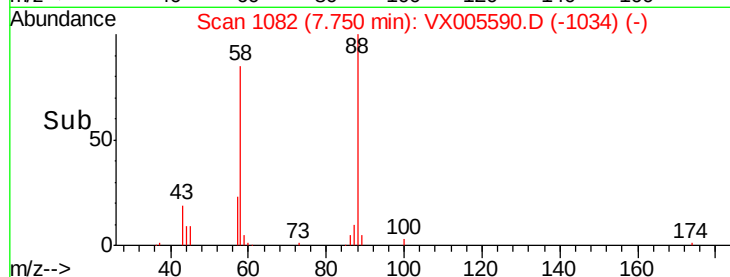
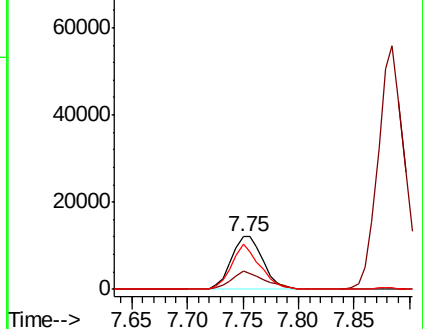
58 77.7 59.4 89.2



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: 50.850 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005590.D

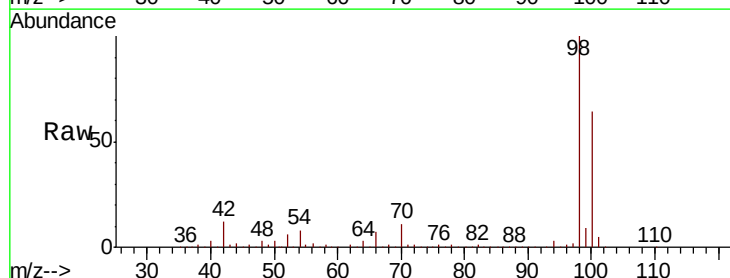
Acq: 25 Oct 2018 15:37

Tgt Ion: 98 Resp: 376100

Ion Ratio Lower Upper

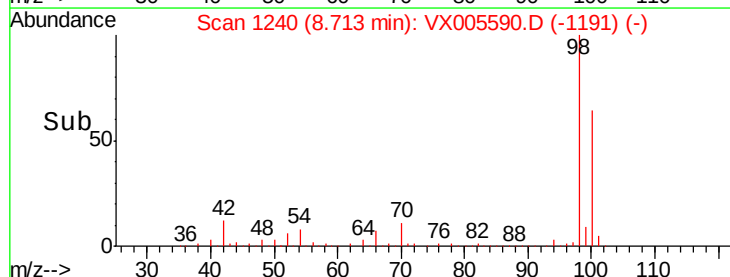
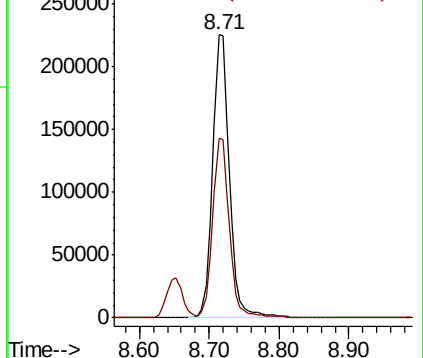
98 100

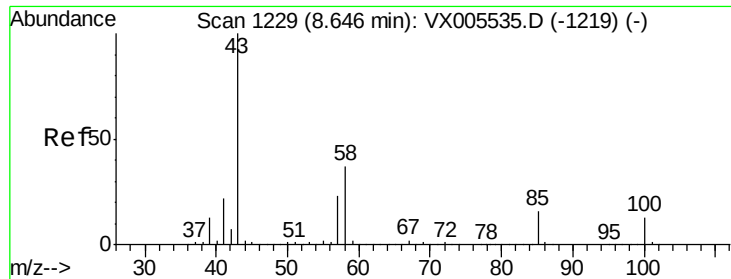
100 63.7 51.3 76.9



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: 103.052 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX005590.D

Acq: 25 Oct 2018 15:37

Instrument :

MSVOA_X

ClientSampled :

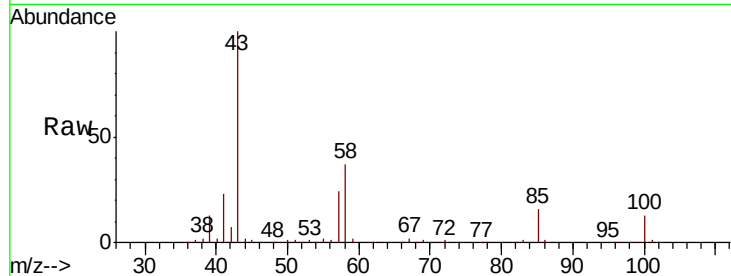
VX1025WBSD01

Tot Ion: 43 Resp: 390707

Ion Ratio Lower Upper

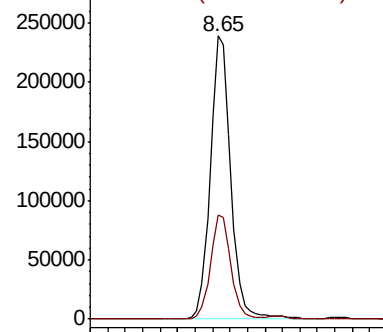
43 100

58 36.5 29.7 44.5

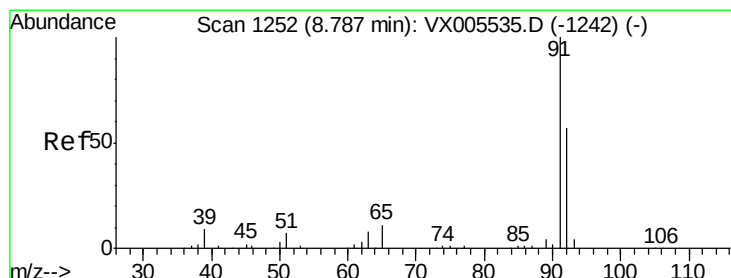
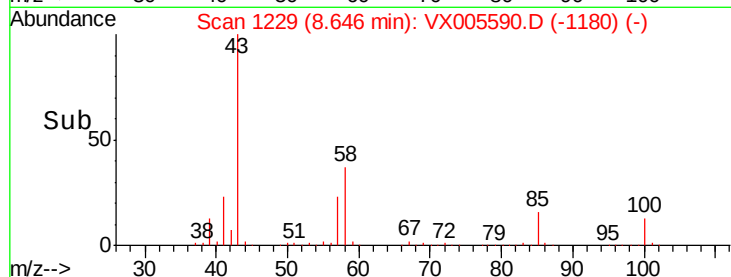


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time--> 8.50 8.60 8.70 8.80



#52

Toluene

Concen: 20.859 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005590.D

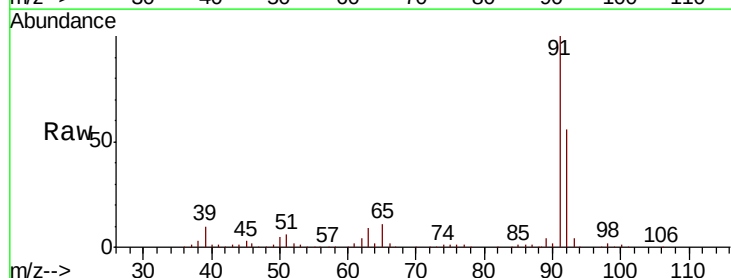
Acq: 25 Oct 2018 15:37

Tgt Ion: 92 Resp: 107207

Ion Ratio Lower Upper

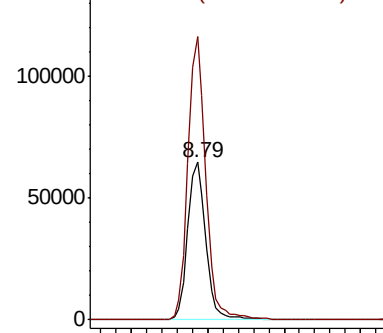
92 100

91 176.6 140.4 210.6

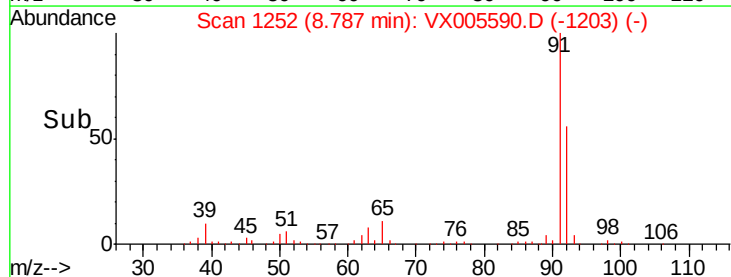


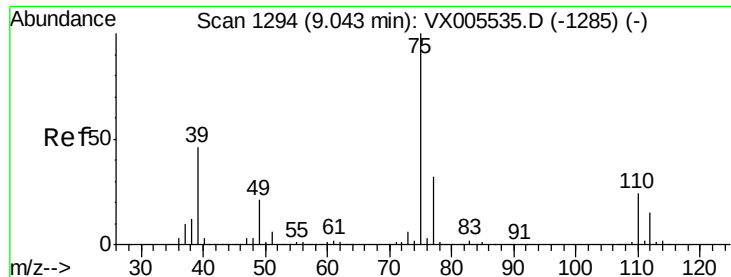
Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



Time--> 8.70 8.80 8.90 9.00





#53

t-1,3-Dichloropropene

Concen: 19.993 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX005590.D

Acq: 25 Oct 2018 15:37

Instrument :

MSVOA_X

ClientSampleId :

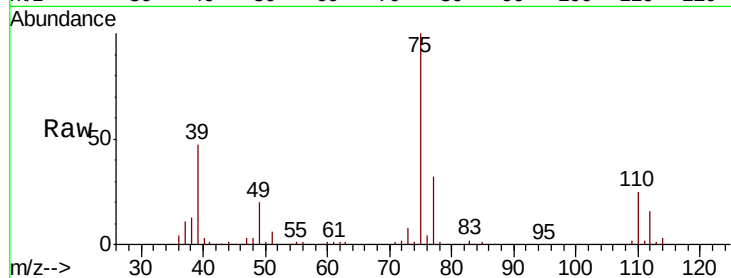
VX1025WBSD01

Tot Ion: 75 Resp: 61586

Ion Ratio Lower Upper

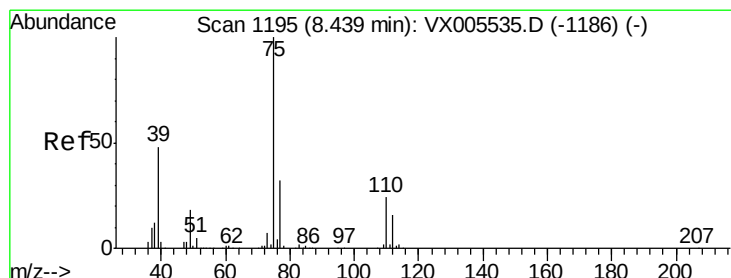
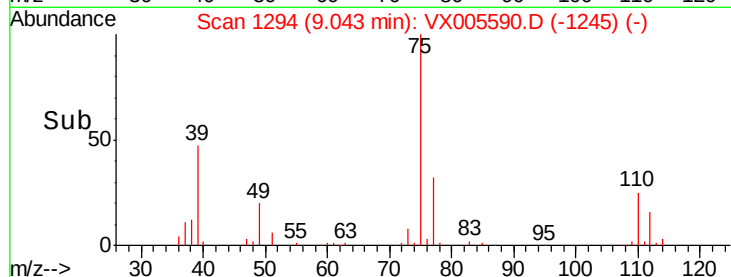
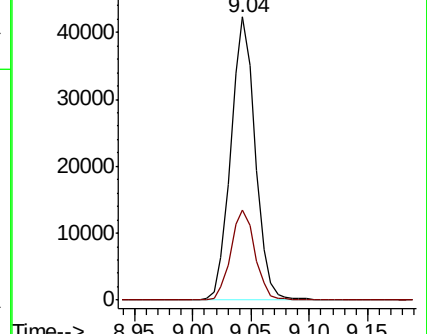
75 100

77 31.7 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 20.557 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. -0.00 min

Lab File: VX005590.D

Acq: 25 Oct 2018 15:37

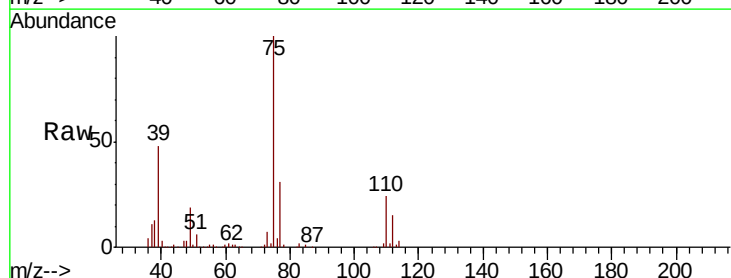
Tgt Ion: 75 Resp: 68174

Ion Ratio Lower Upper

75 100

77 31.2 25.2 37.8

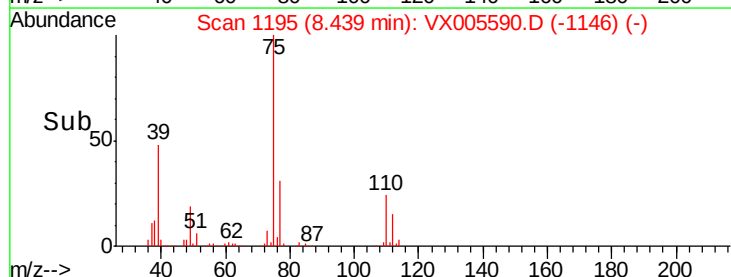
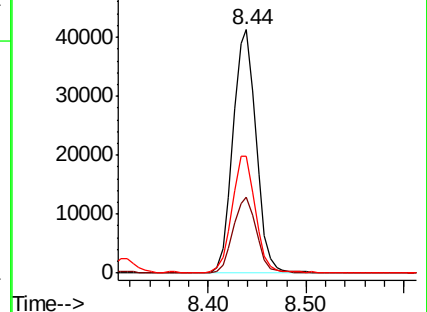
39 47.9 38.2 57.2

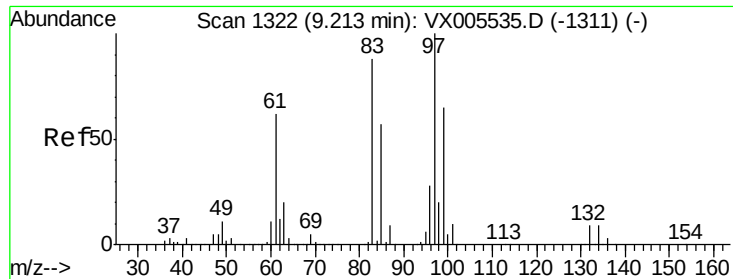


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

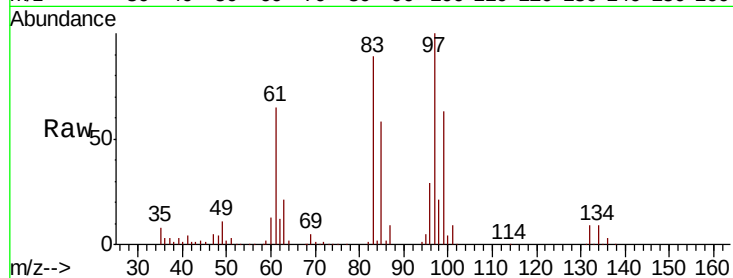




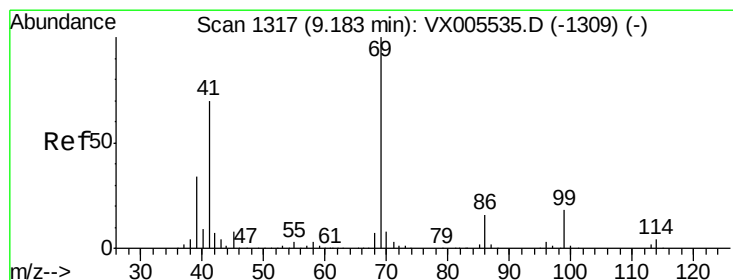
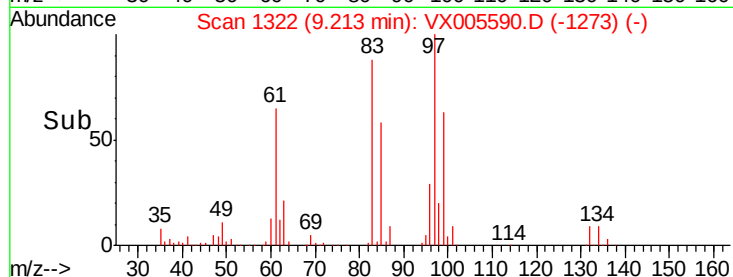
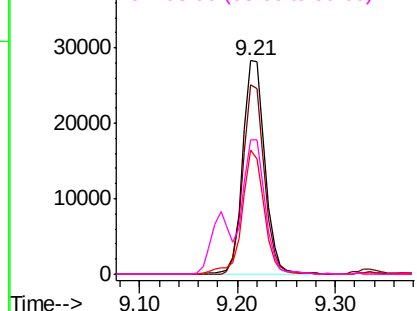
#55
 1,1,2-Trichloroethane
 Concen: 20.546 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX005590.D
 Acq: 25 Oct 2018 15:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1025WBSD01

Tot Ion: 97 Resp: 44522
 Ion Ratio Lower Upper
 97 100
 83 88.6 70.7 106.1
 85 58.0 45.8 68.6
 99 62.7 51.8 77.8

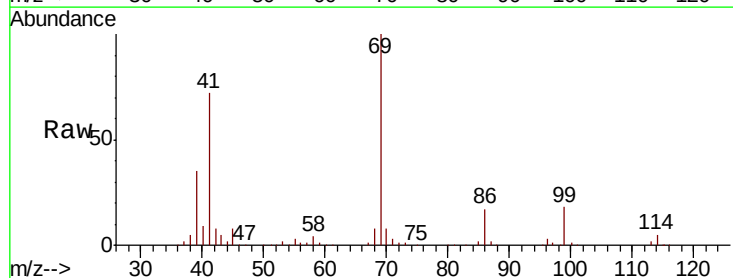


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

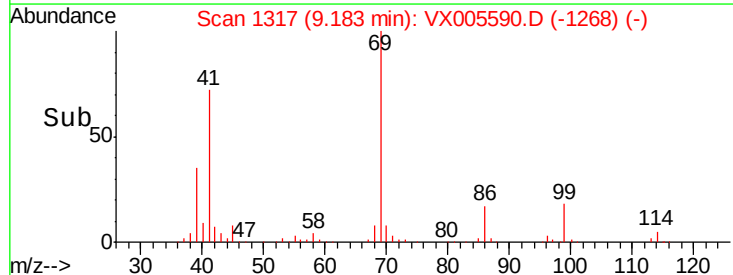
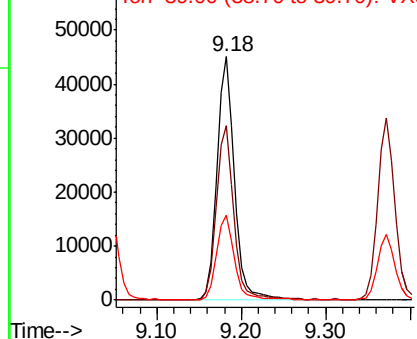


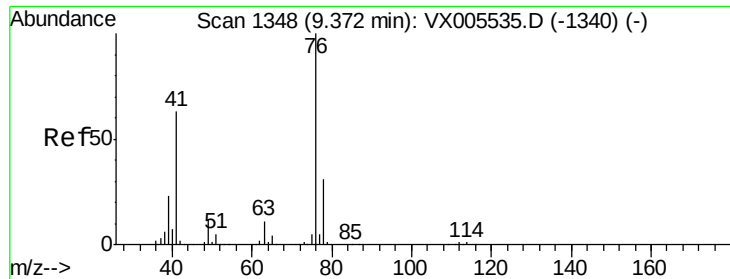
#56
 Ethyl methacrylate
 Concen: 20.112 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX005590.D
 Acq: 25 Oct 2018 15:37

Tgt Ion: 69 Resp: 65005
 Ion Ratio Lower Upper
 69 100
 41 71.4 57.0 85.6
 39 35.5 28.3 42.5



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

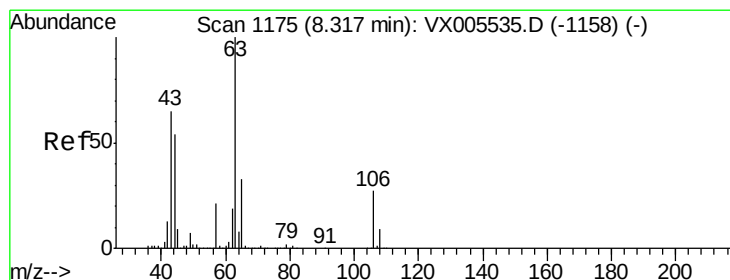
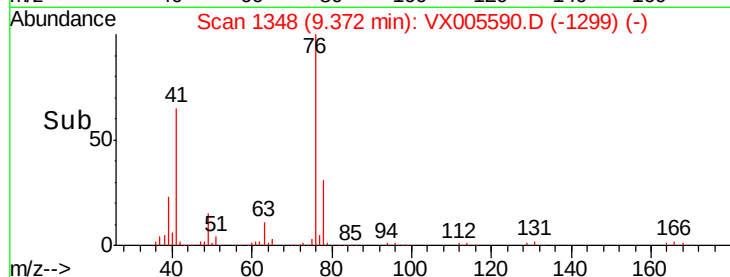
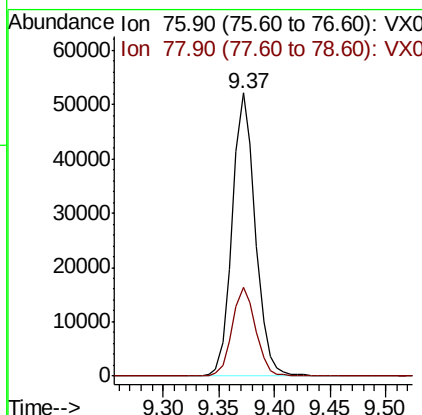
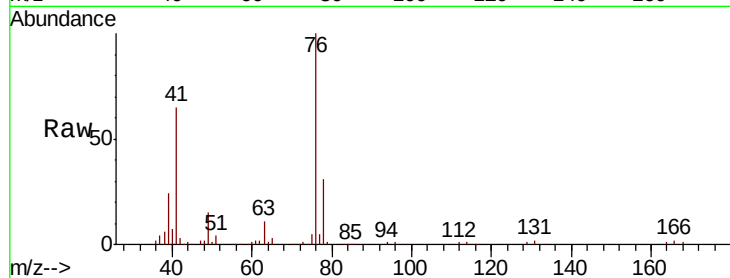




#57
 1,3-Dichloropropane
 Concen: 20.416 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX005590.D
 Acq: 25 Oct 2018 15:37

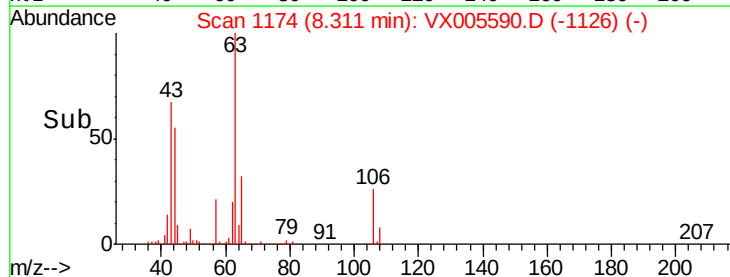
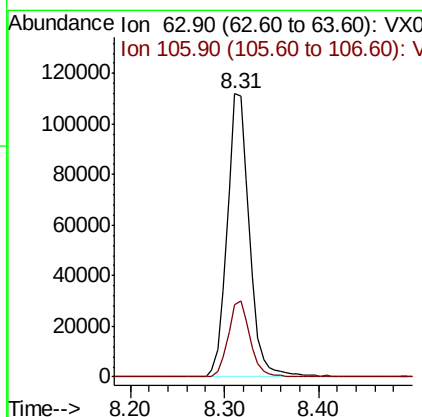
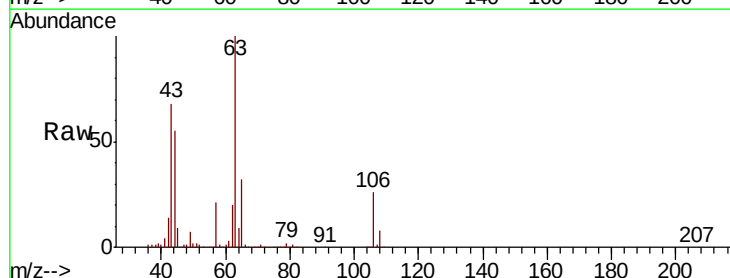
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1025WBSD01

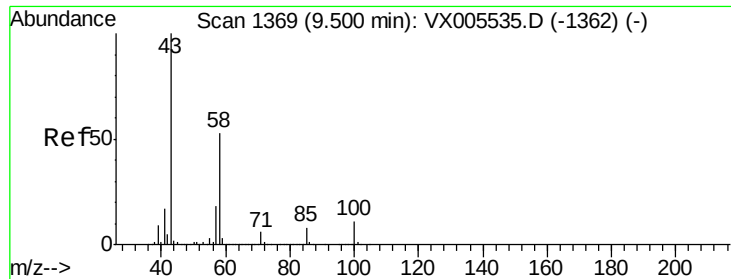
Tot Ion: 76 Resp: 74857
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.3 37.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 100.893 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: VX005590.D
 Acq: 25 Oct 2018 15:37

Tgt Ion: 63 Resp: 182132
 Ion Ratio Lower Upper
 63 100
 106 26.7 21.3 31.9

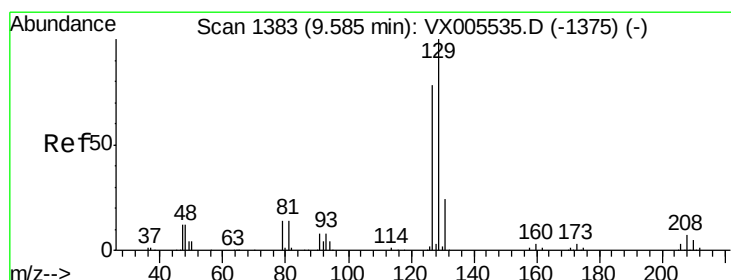
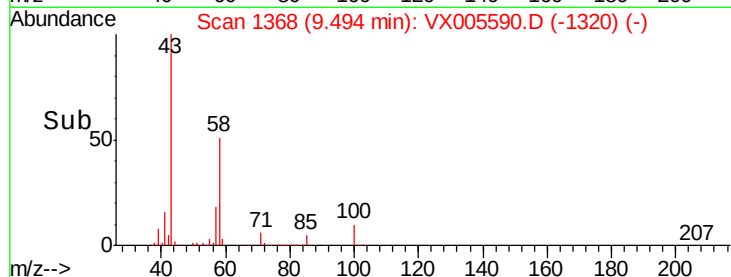
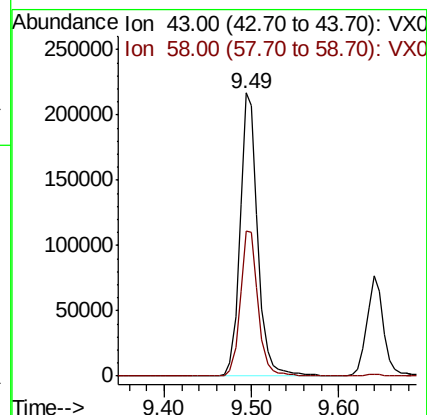
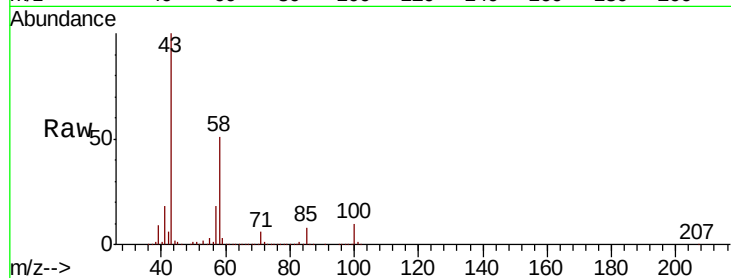




#59
2-Hexanone
Concen: 102.346 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX005590.D
Acq: 25 Oct 2018 15:37

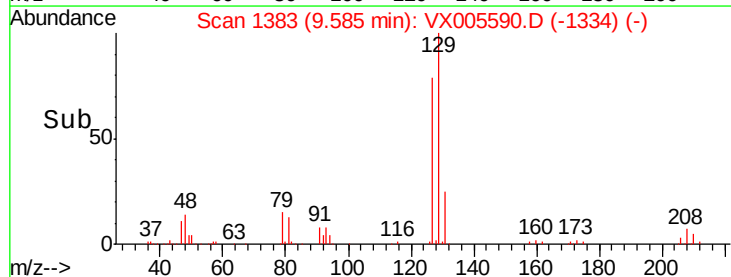
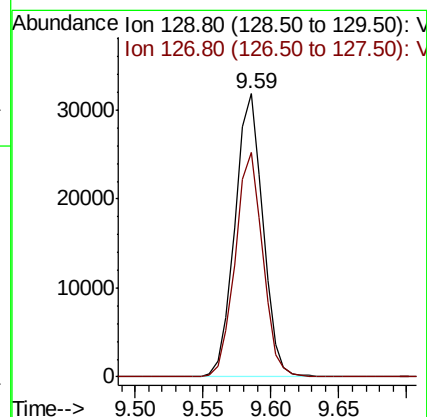
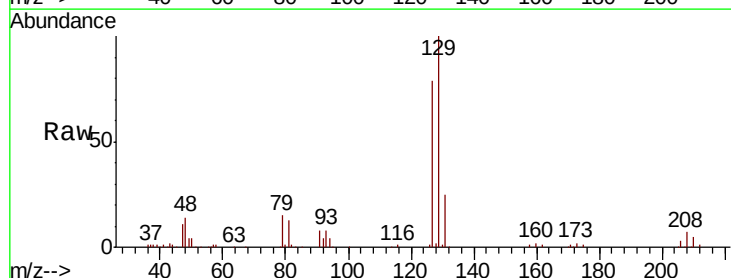
Instrument :
MSVOA_X
ClientSampleId :
VX1025WBSD01

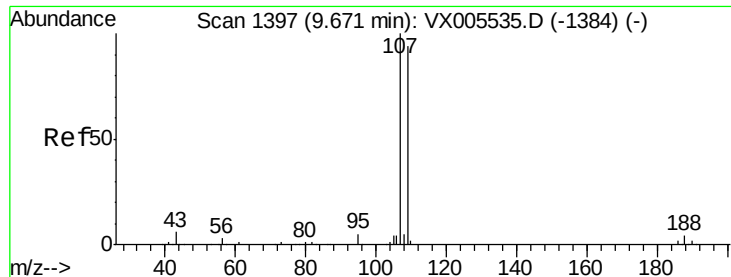
Tot Ion: 43 Resp: 305941
Ion Ratio Lower Upper
43 100
58 51.9 25.9 77.8



#60
Dibromochloromethane
Concen: 20.195 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005590.D
Acq: 25 Oct 2018 15:37

Tgt Ion: 129 Resp: 45657
Ion Ratio Lower Upper
129 100
127 77.9 38.9 116.7





#61

1,2-Dibromoethane

Concen: 20.692 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VX005590.D

Acq: 25 Oct 2018 15:37

Instrument :

MSVOA_X

ClientSampleId :

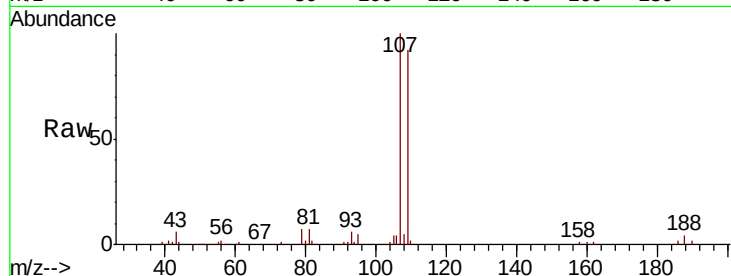
VX1025WBSD01

Tot Ion:107 Resp: 46388

Ion Ratio Lower Upper

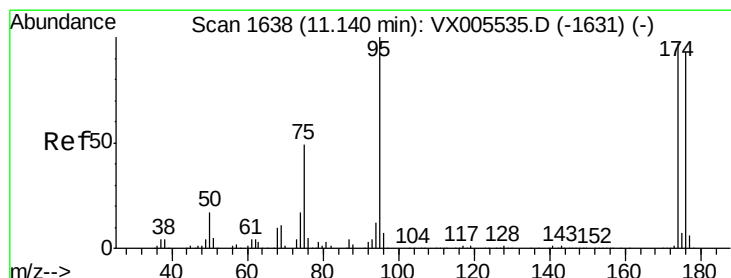
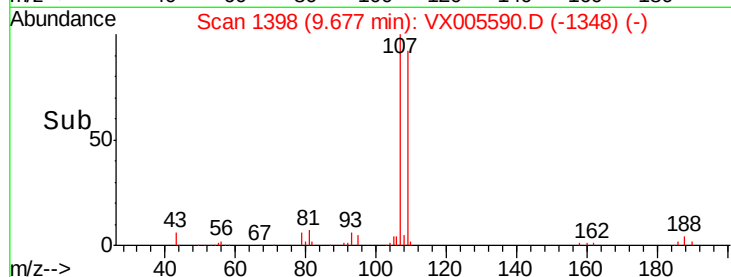
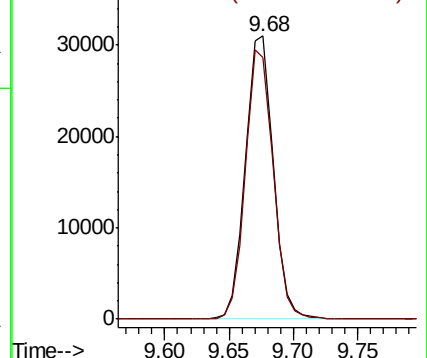
107 100

109 94.8 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.698 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005590.D

Acq: 25 Oct 2018 15:37

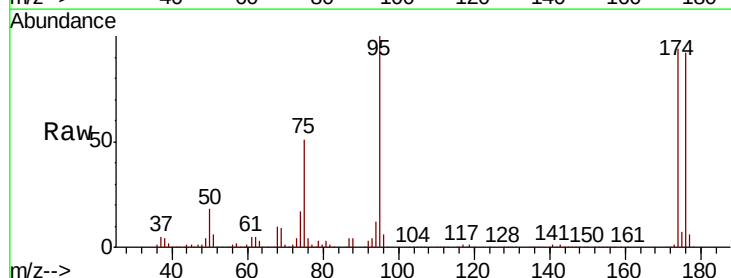
Tgt Ion: 95 Resp: 138814

Ion Ratio Lower Upper

95 100

174 91.2 0.0 184.4

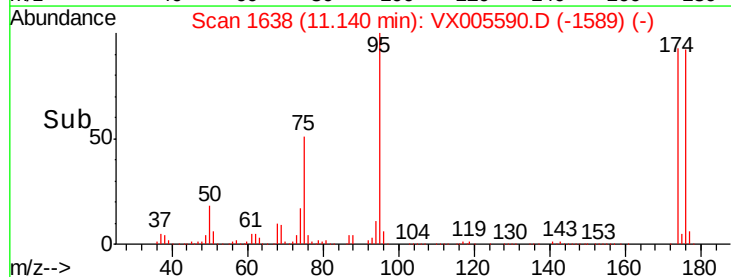
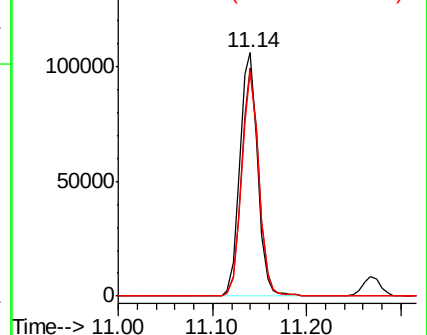
176 89.0 0.0 177.4

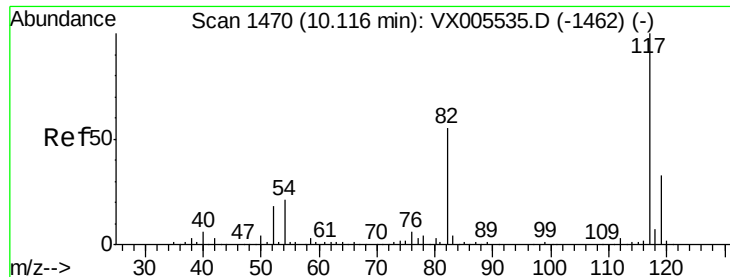


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

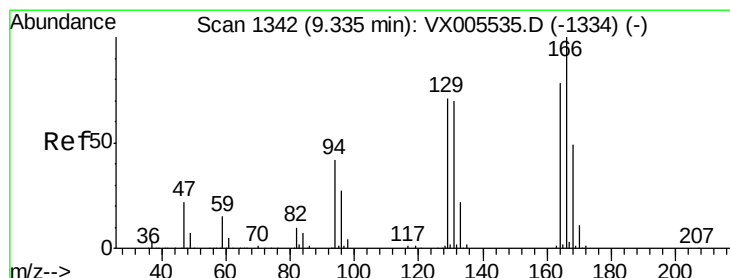
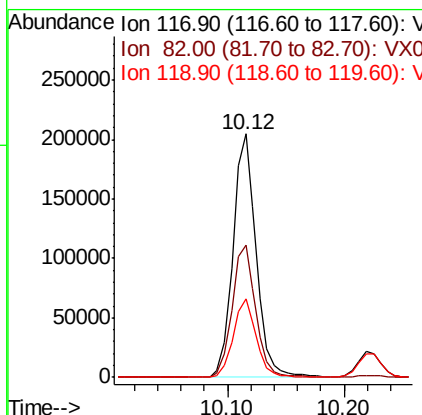
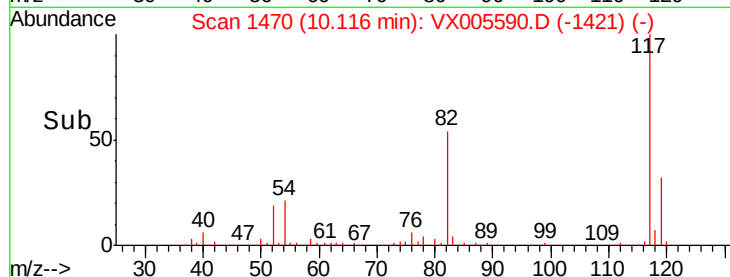
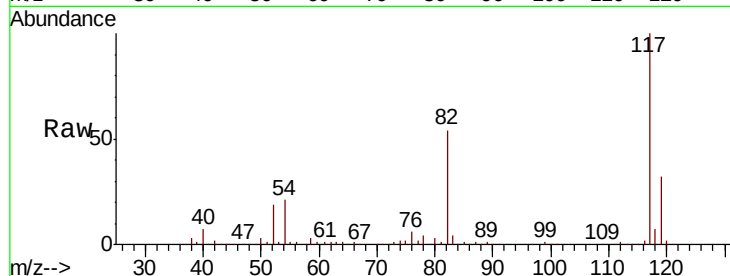




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005590.D
Acq: 25 Oct 2018 15:37

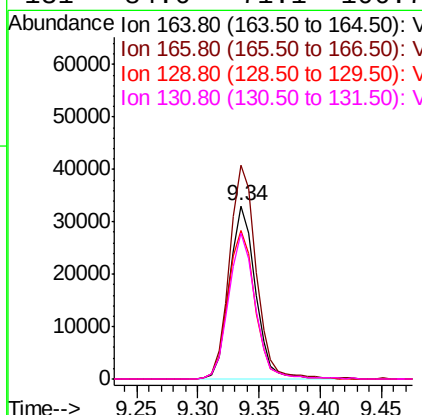
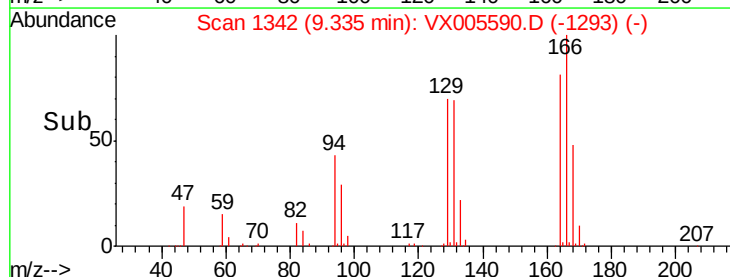
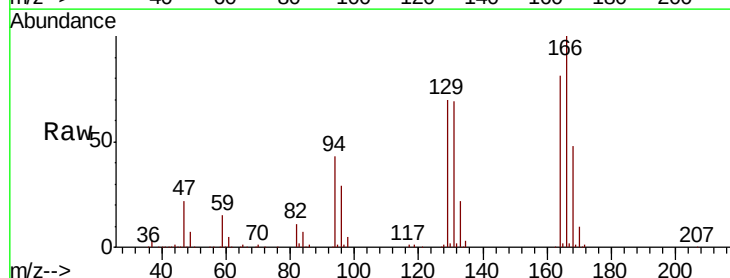
Instrument :
MSVOA_X
ClientSampled :
VX1025WBSD01

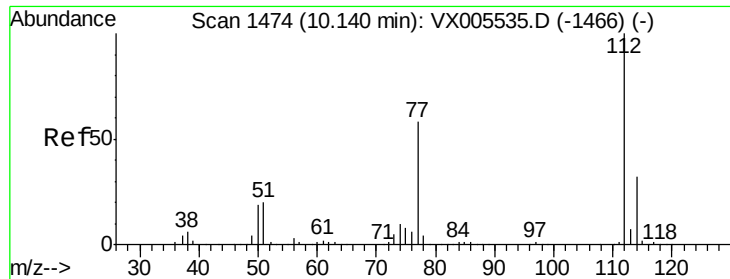
Tot Ion:117 Resp: 282516
Ion Ratio Lower Upper
117 100
82 54.3 44.1 66.1
119 32.1 26.2 39.2



#64
Tetrachloroethene
Concen: 20.734 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005590.D
Acq: 25 Oct 2018 15:37

Tgt Ion:164 Resp: 48627
Ion Ratio Lower Upper
164 100
166 123.4 101.9 152.9
129 85.9 72.6 109.0
131 84.6 71.1 106.7

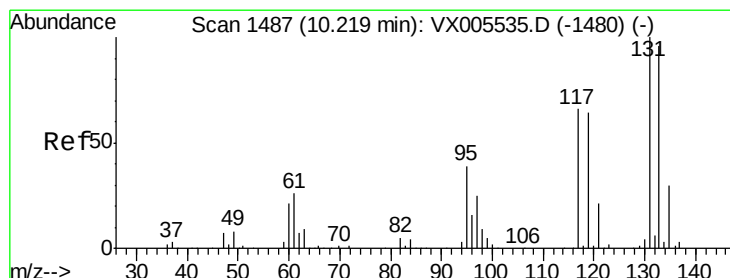
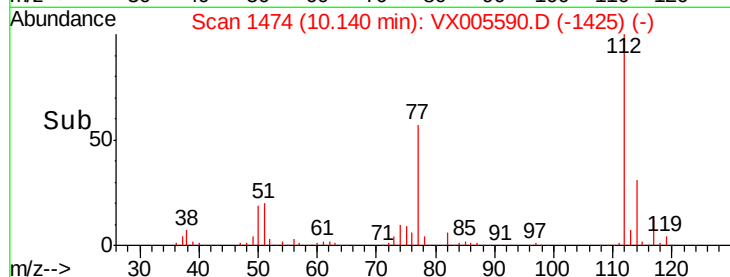
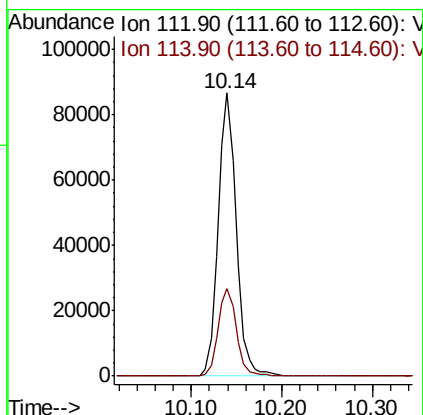
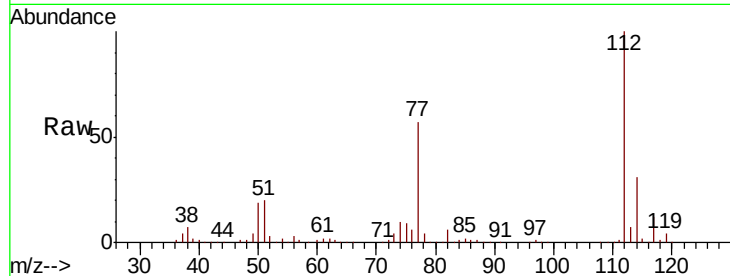




#65
Chlorobenzene
Concen: 20.210 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005590.D
Acq: 25 Oct 2018 15:37

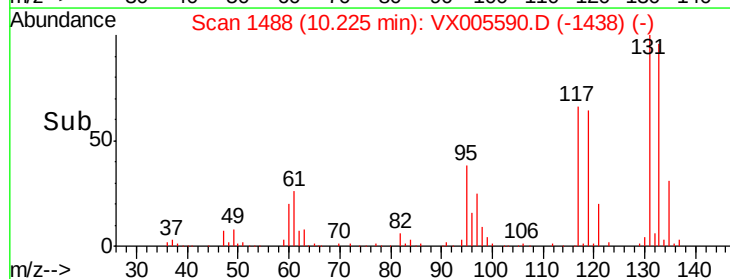
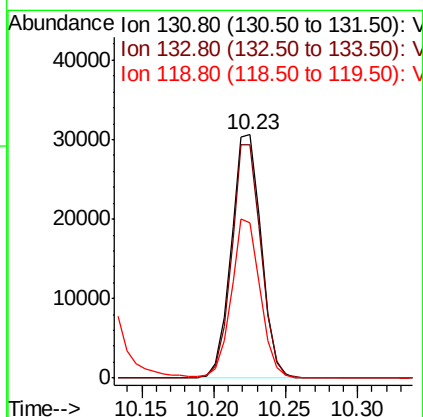
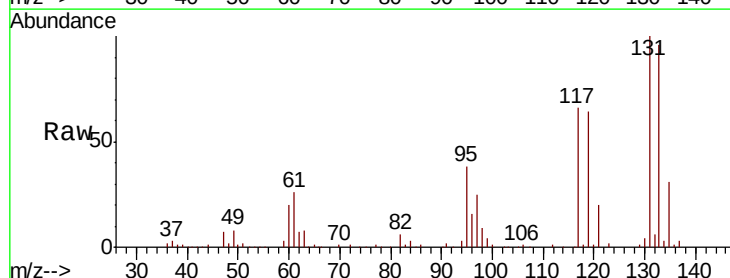
Instrument :
MSVOA_X
ClientSampleId :
VX1025WBSD01

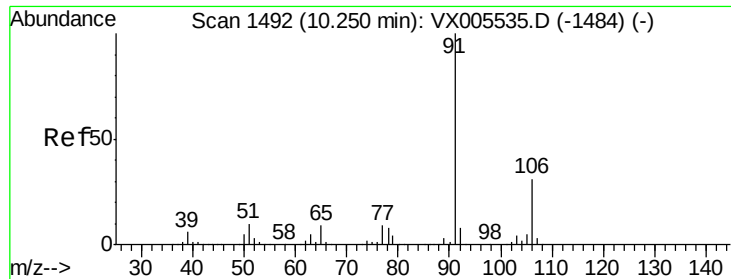
Tot Ion:112 Resp: 121585
Ion Ratio Lower Upper
112 100
114 31.2 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.221 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VX005590.D
Acq: 25 Oct 2018 15:37

Tgt Ion:131 Resp: 44356
Ion Ratio Lower Upper
131 100
133 94.8 47.5 142.5
119 63.4 31.8 95.3





#67

Ethyl Benzene

Concen: 20.626 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX005590.D

Acq: 25 Oct 2018 15:37

Instrument :

MSVOA_X

ClientSampled :

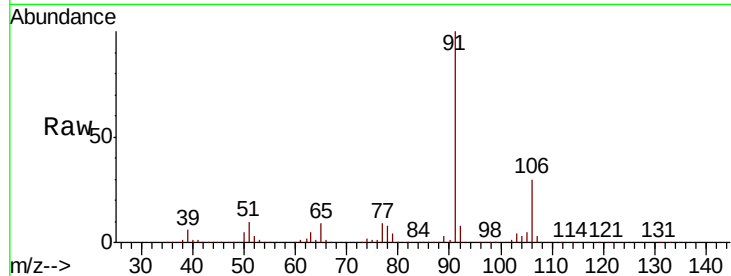
VX1025WBSD01

Tot Ion: 91 Resp: 204155

Ion Ratio Lower Upper

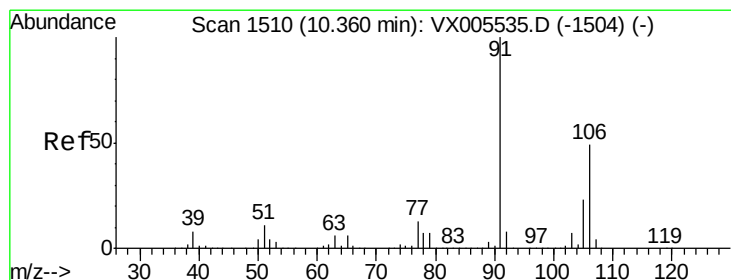
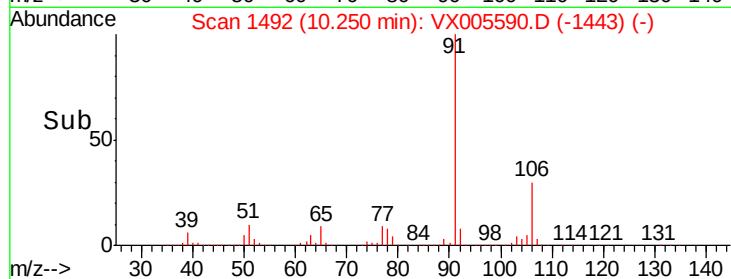
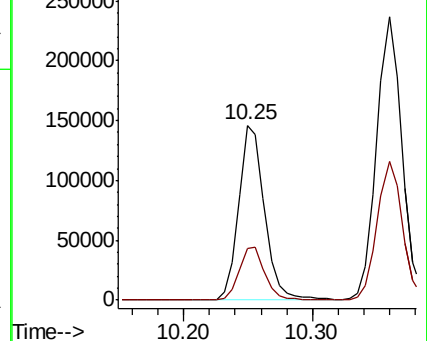
91 100

106 29.5 24.4 36.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 41.453 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX005590.D

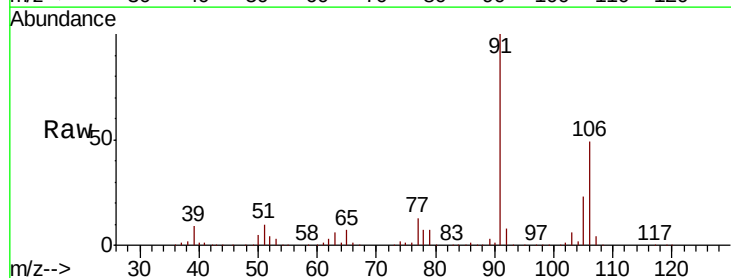
Acq: 25 Oct 2018 15:37

Tgt Ion: 106 Resp: 159185

Ion Ratio Lower Upper

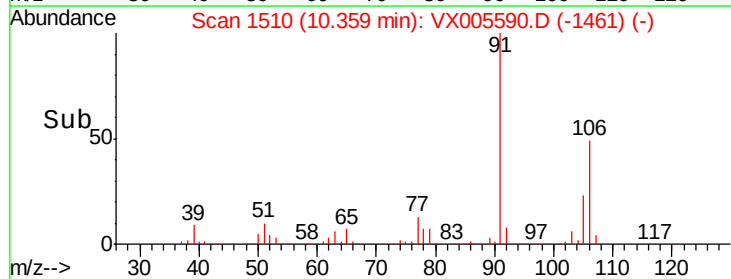
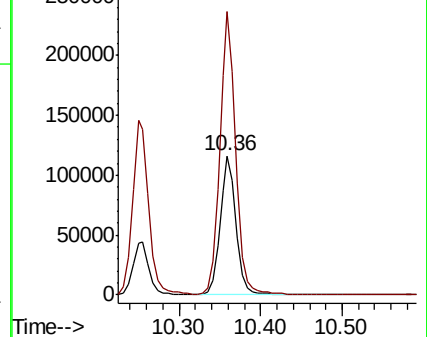
106 100

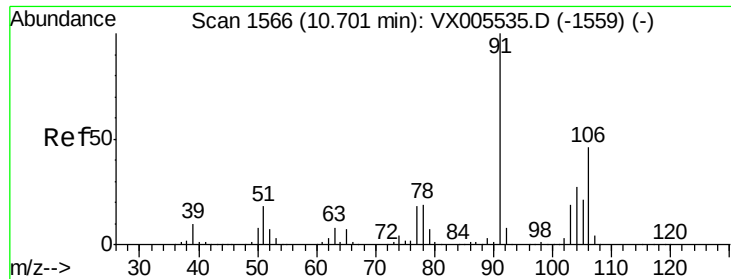
91 203.9 164.2 246.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

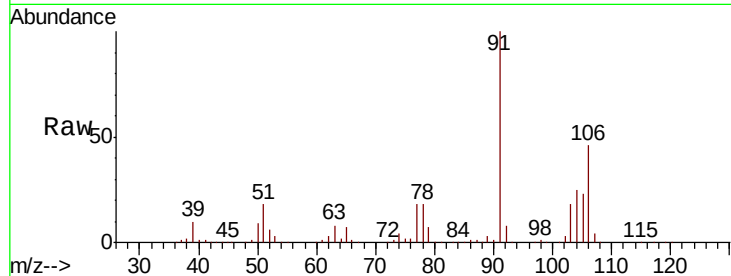




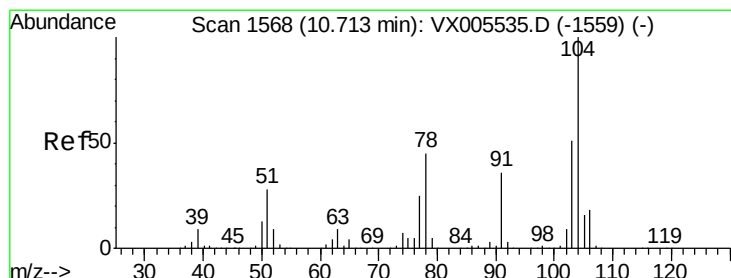
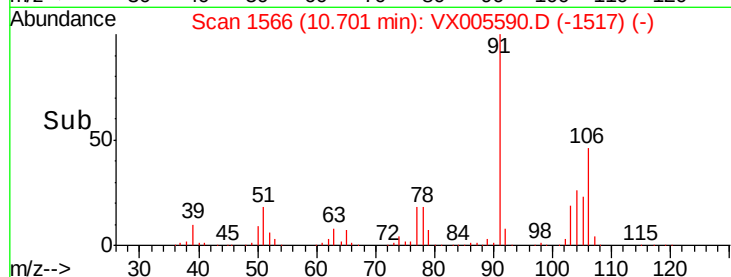
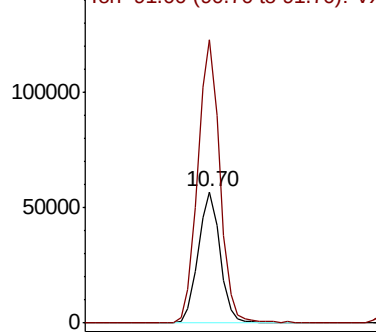
#69
o-Xylene
Concen: 20.652 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005590.D
Acq: 25 Oct 2018 15:37

Instrument :
MSVOA_X
ClientSampleId :
VX1025WBSD01

Tot Ion:106 Resp: 74615
Ion Ratio Lower Upper
106 100
91 218.1 108.5 325.5

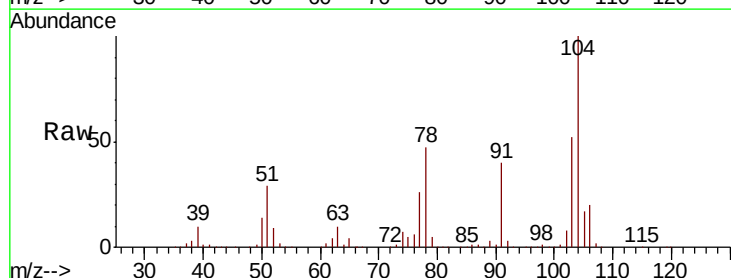


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

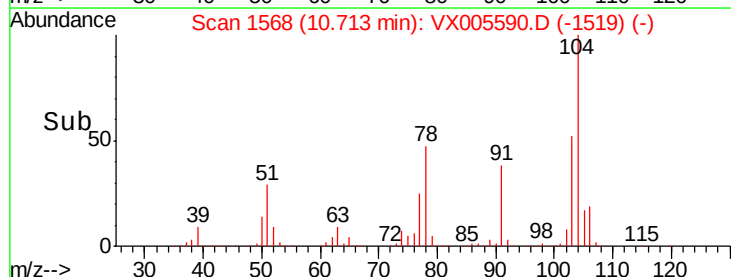
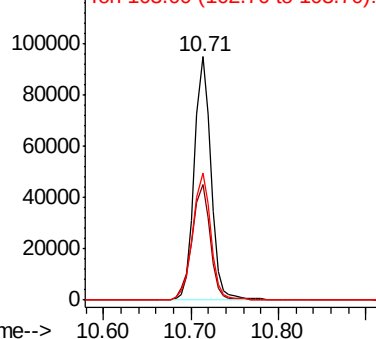


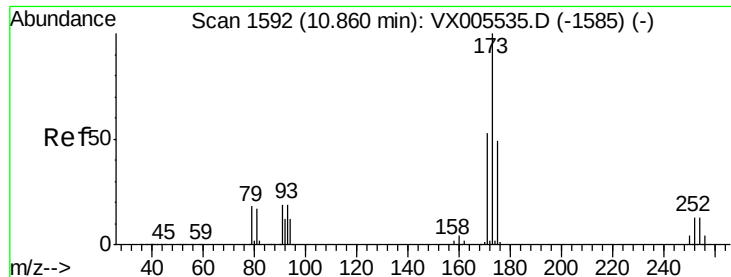
#70
Styrene
Concen: 20.708 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005590.D
Acq: 25 Oct 2018 15:37

Tgt Ion:104 Resp: 125245
Ion Ratio Lower Upper
104 100
78 51.9 40.2 60.4
103 56.8 44.9 67.3



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 19.015 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005590.D

Acq: 25 Oct 2018 15:37

Instrument :

MSVOA_X

ClientSampleId :

VX1025WBSD01

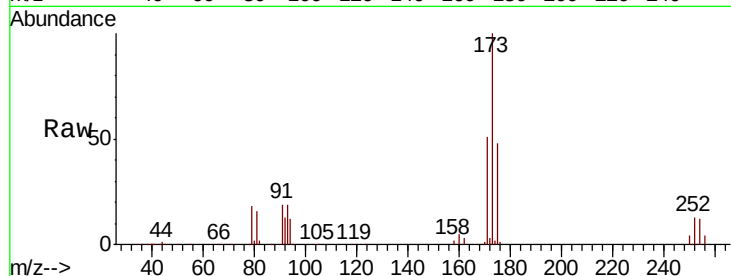
Tot Ion:173 Resp: 37221

Ion Ratio Lower Upper

173 100

175 49.4 24.8 74.3

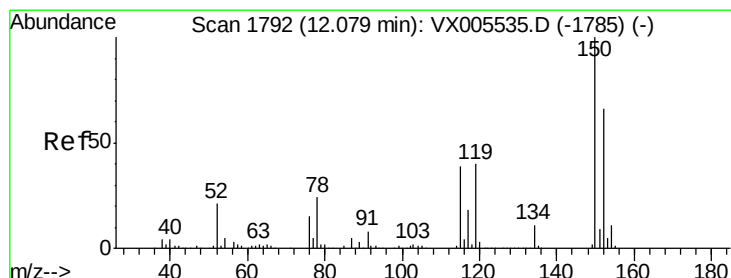
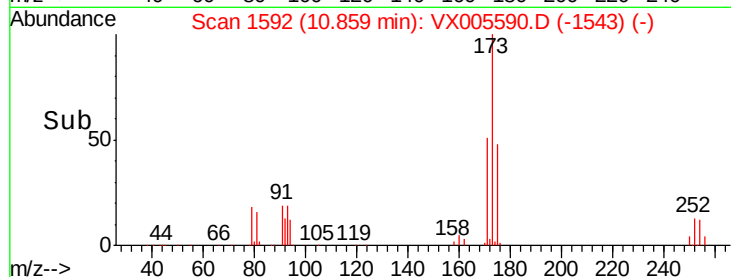
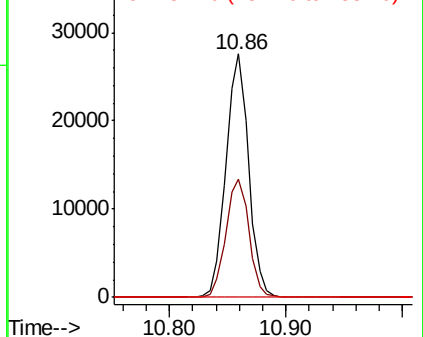
254 0.1 0.2 0.2#



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: VX005590.D

Acq: 25 Oct 2018 15:37

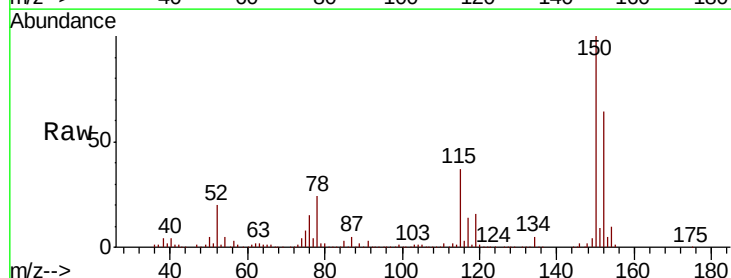
Tgt Ion:152 Resp: 157233

Ion Ratio Lower Upper

152 100

115 65.0 39.4 118.1

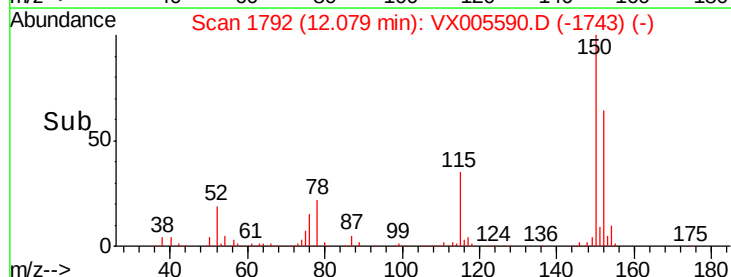
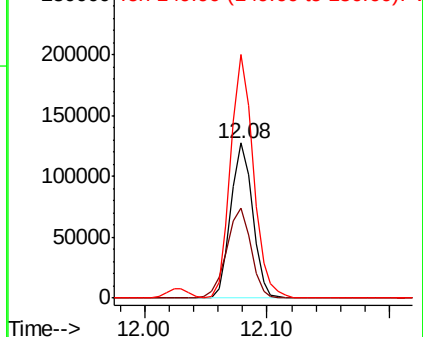
150 163.2 0.0 346.4

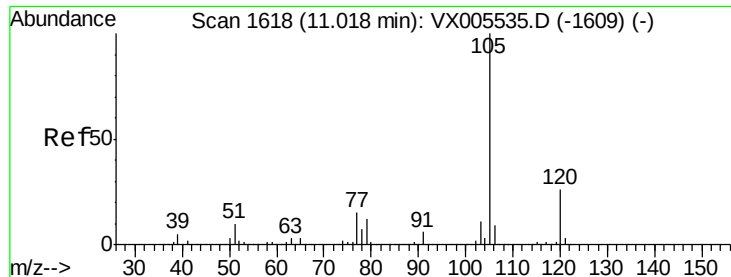


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.578 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005590.D

Acq: 25 Oct 2018 15:37

Instrument :

MSVOA_X

ClientSampleId :

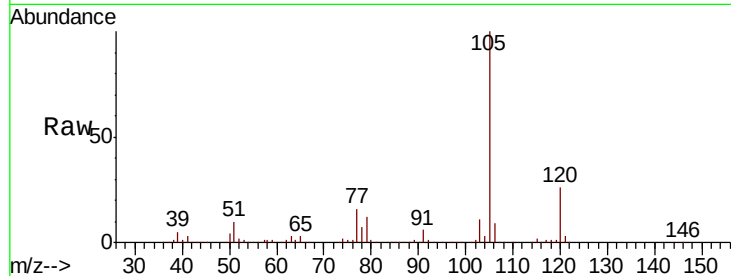
VX1025WBSD01

Tot Ion:105 Resp: 207390

Ion Ratio Lower Upper

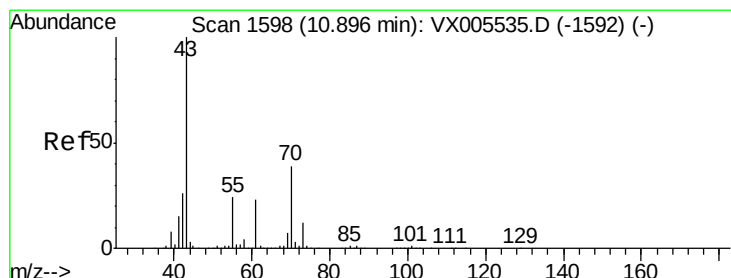
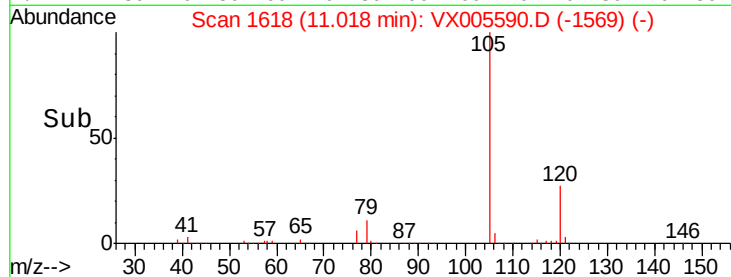
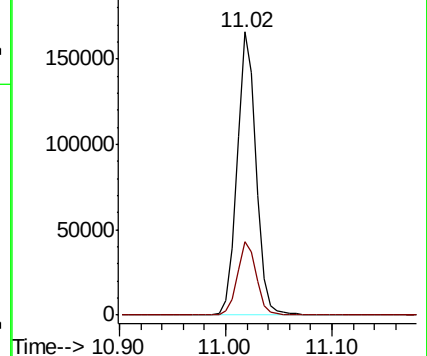
105 100

120 26.2 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.383 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.01 min

Lab File: VX005590.D

Acq: 25 Oct 2018 15:37

Tgt Ion: 43 Resp: 97074

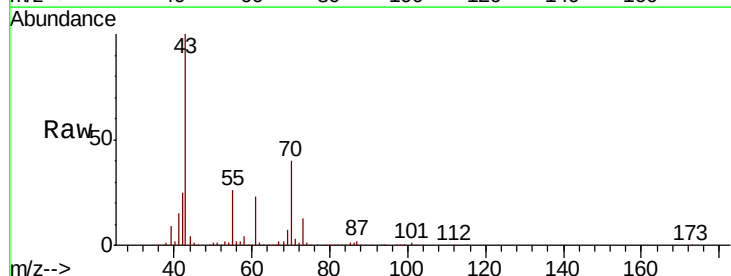
Ion Ratio Lower Upper

43 100

70 39.3 31.6 47.4

55 26.3 19.7 29.5

61 22.7 18.3 27.5

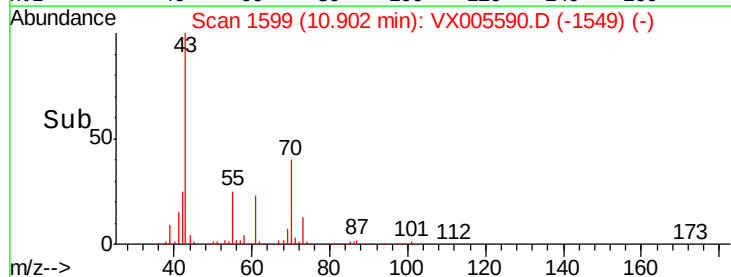
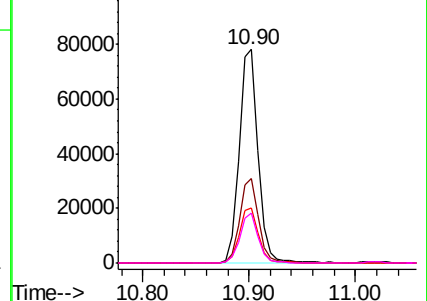


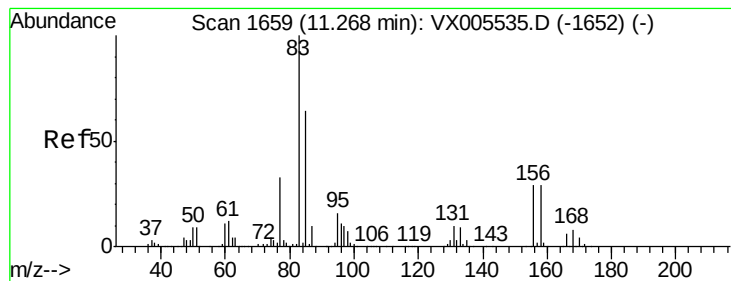
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 20.228 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005590.D

Acq: 25 Oct 2018 15:37

Instrument :

MSVOA_X

ClientSampleId :

VX1025WBSD01

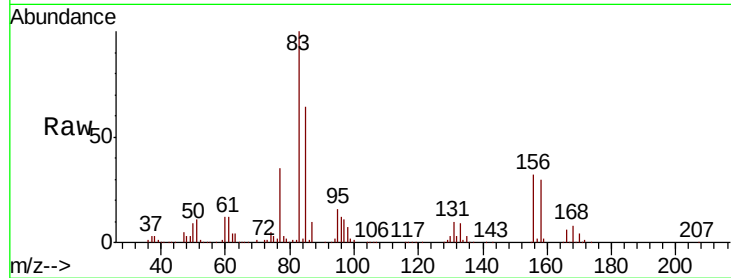
Tot Ion: 83 Resp: 71727

Ion Ratio Lower Upper

83 100

131 10.5 5.3 15.9

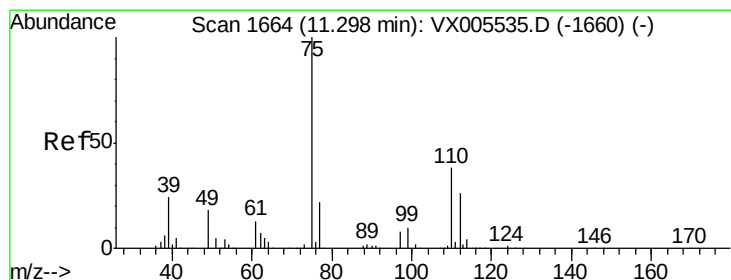
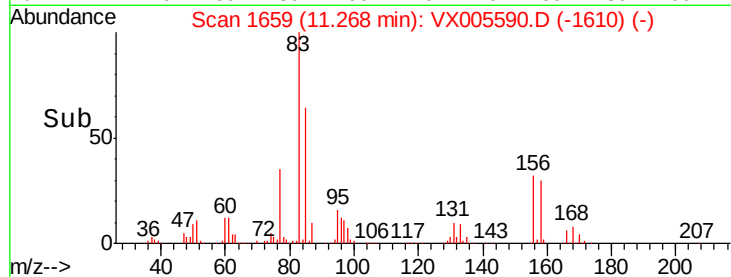
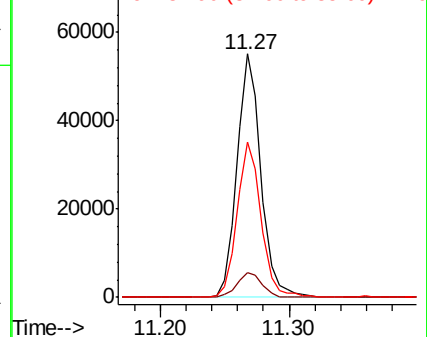
85 63.9 32.0 96.2



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: 24.855 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX005590.D

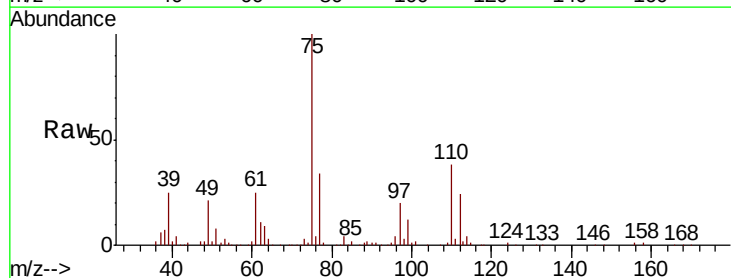
Acq: 25 Oct 2018 15:37

Tgt Ion: 75 Resp: 82801

Ion Ratio Lower Upper

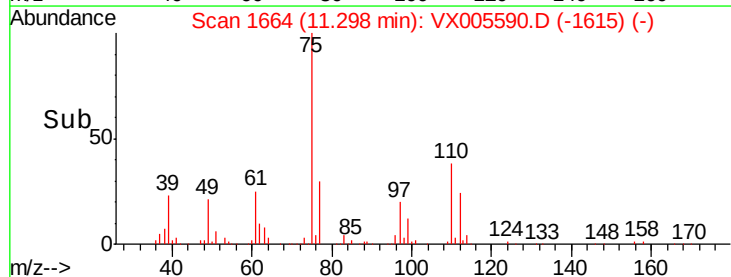
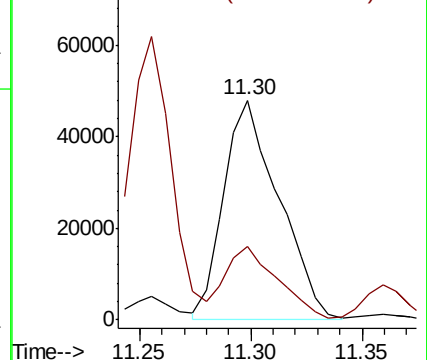
75 100

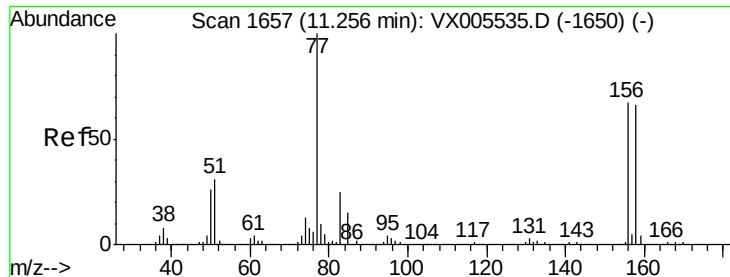
77 31.7 20.5 61.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.924 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005590.D

Acq: 25 Oct 2018 15:37

Instrument :

MSVOA_X

ClientSampleId :

VX1025WBSD01

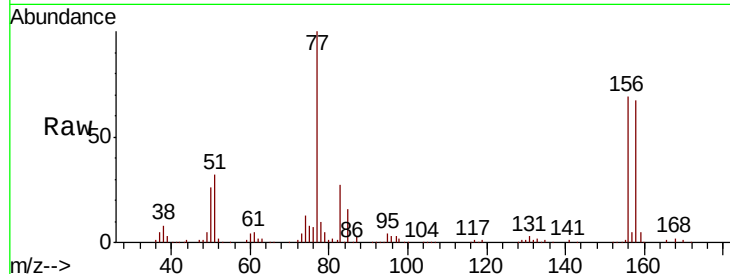
Tot Ion:156 Resp: 56048

Ion Ratio Lower Upper

156 100

77 146.2 74.8 224.4

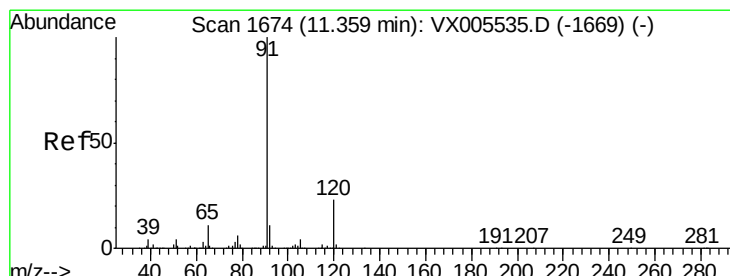
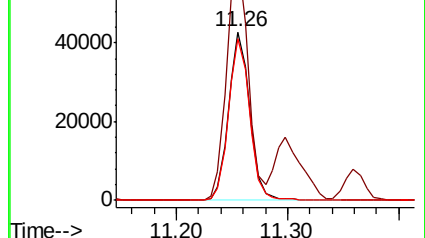
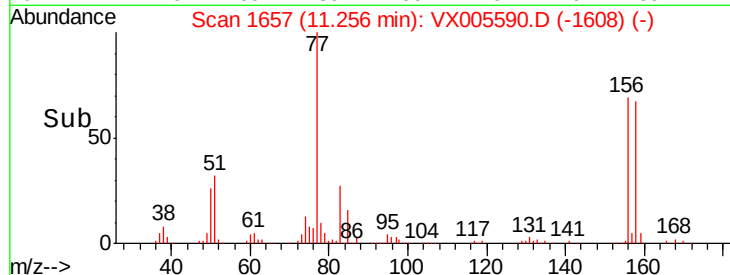
158 96.2 49.1 147.3



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: 21.546 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005590.D

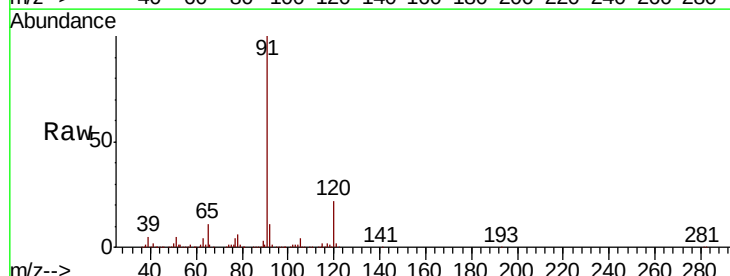
Acq: 25 Oct 2018 15:37

Tgt Ion: 91 Resp: 236794

Ion Ratio Lower Upper

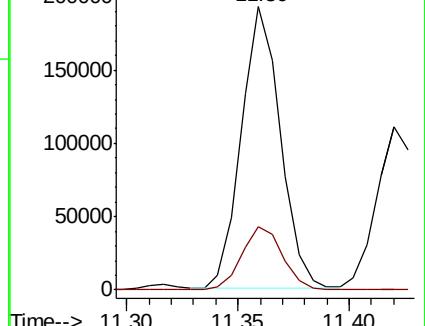
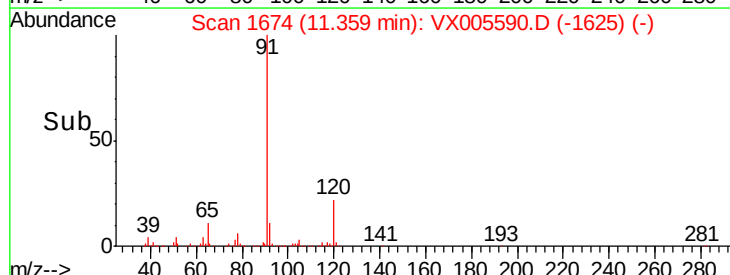
91 100

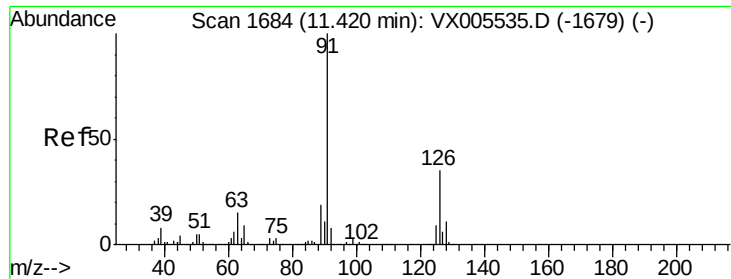
120 23.5 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

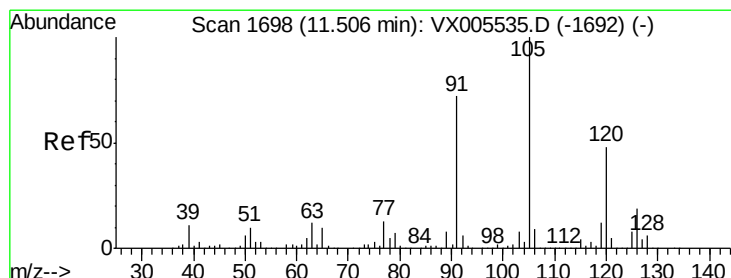
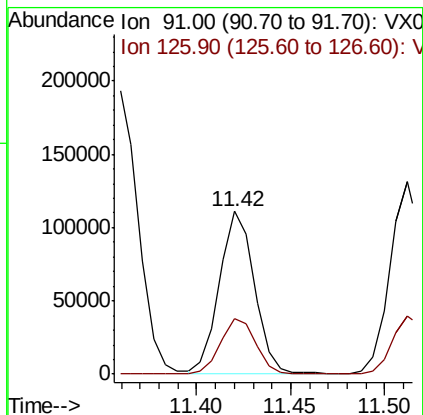
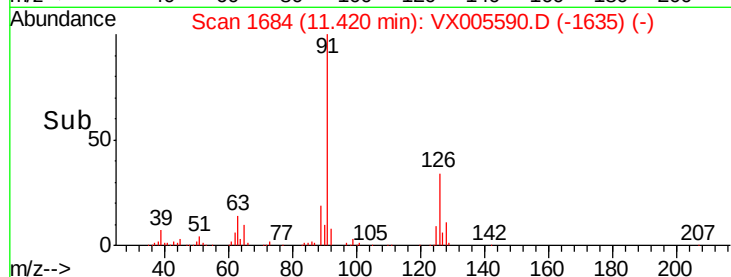
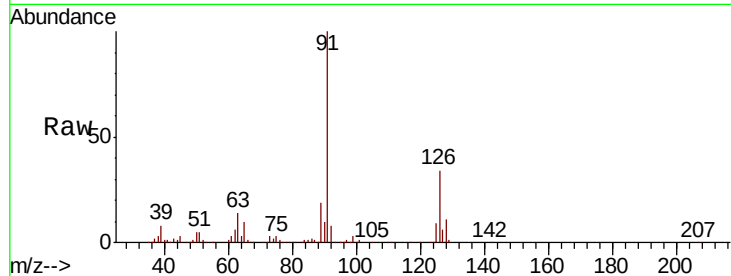




#79
 2-Chlorotoluene
 Concen: 20.873 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX005590.D
 Acq: 25 Oct 2018 15:37

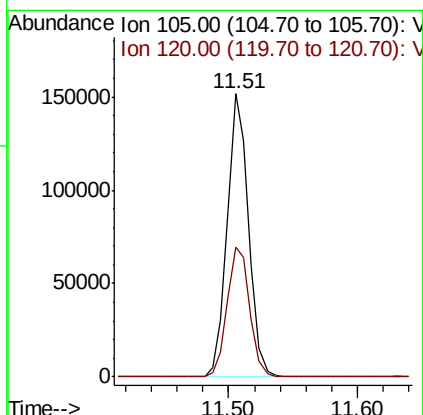
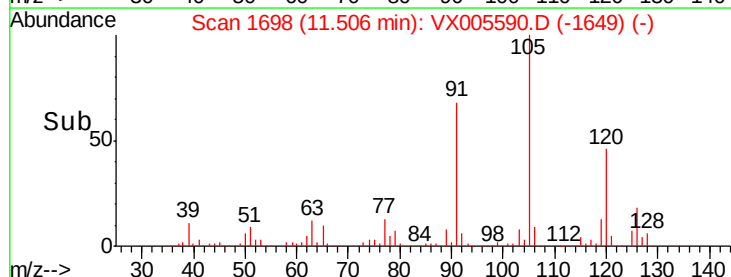
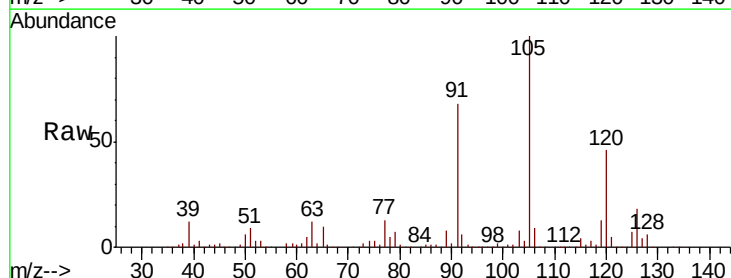
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1025WBSD01

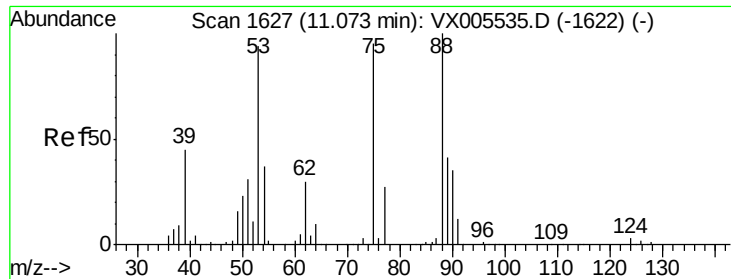
Tot Ion: 91 Resp: 142234
 Ion Ratio Lower Upper
 91 100
 126 34.8 17.3 52.0



#80
 1,3,5-Trimethylbenzene
 Concen: 21.607 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX005590.D
 Acq: 25 Oct 2018 15:37

Tgt Ion: 105 Resp: 177657
 Ion Ratio Lower Upper
 105 100
 120 48.3 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 19.202 ug/l

RT: 11.08 min Scan# 1628

Delta R.T. 0.01 min

Lab File: VX005590.D

Acq: 25 Oct 2018 15:37

Instrument :

MSVOA_X

ClientSampleId :

VX1025WBSD01

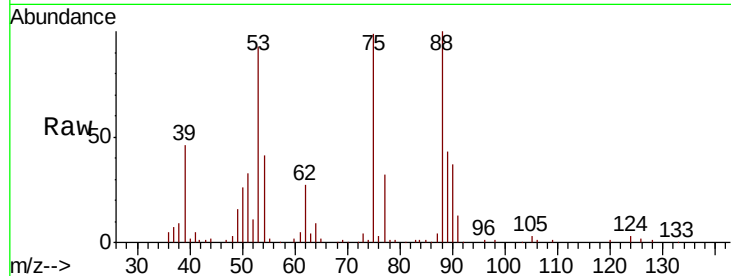
Tot Ion: 75 Resp: 19577

Ion Ratio Lower Upper

75 100

53 103.4 80.2 120.2

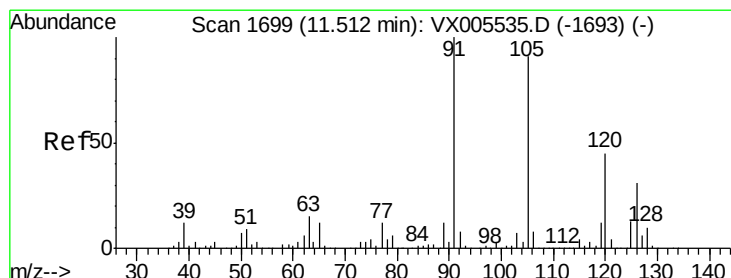
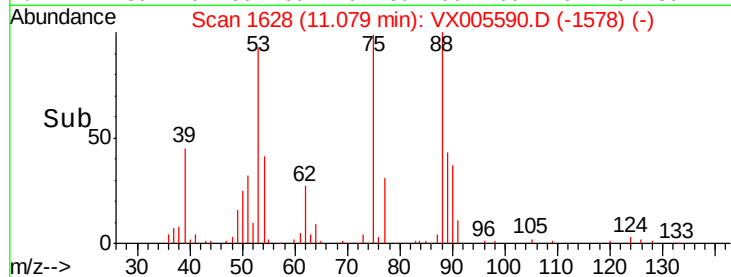
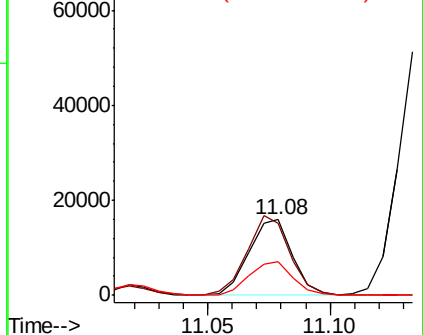
89 45.4 39.8 59.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 20.852 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005590.D

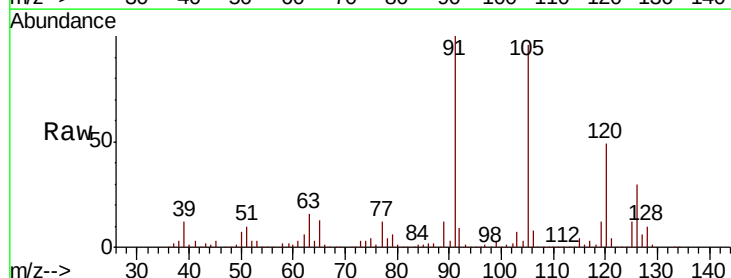
Acq: 25 Oct 2018 15:37

Tgt Ion: 91 Resp: 167548

Ion Ratio Lower Upper

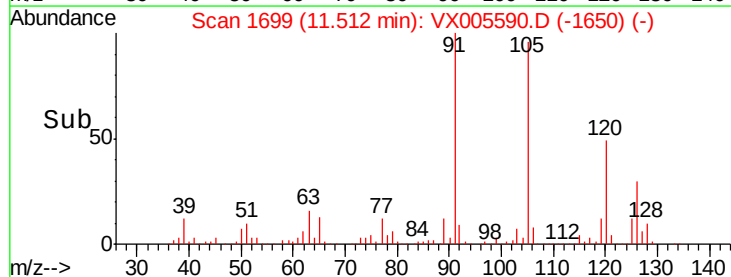
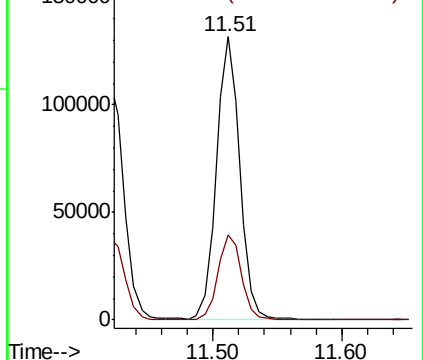
91 100

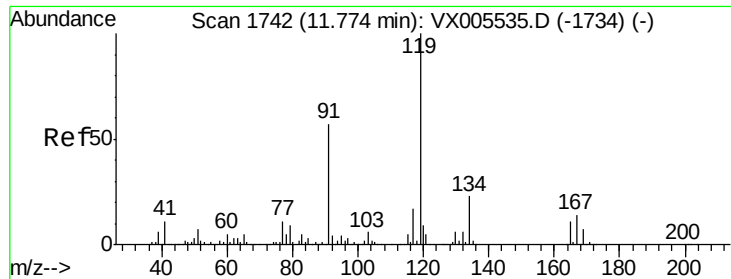
126 30.3 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

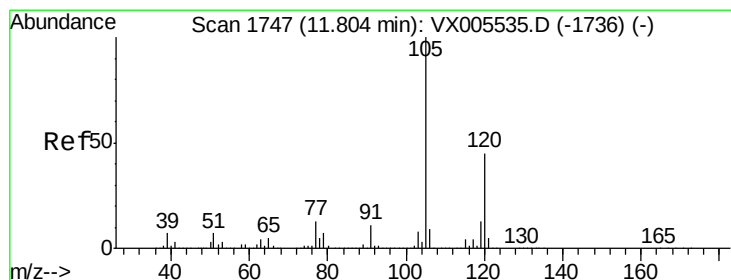
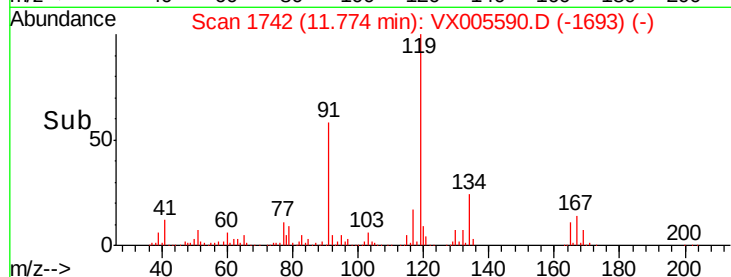
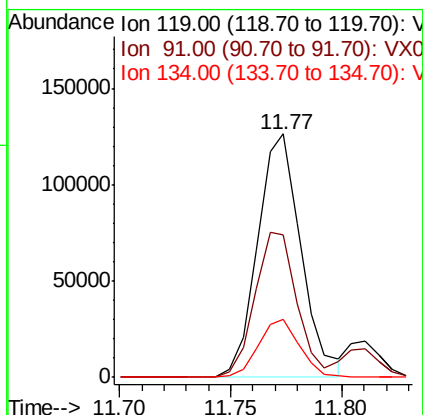
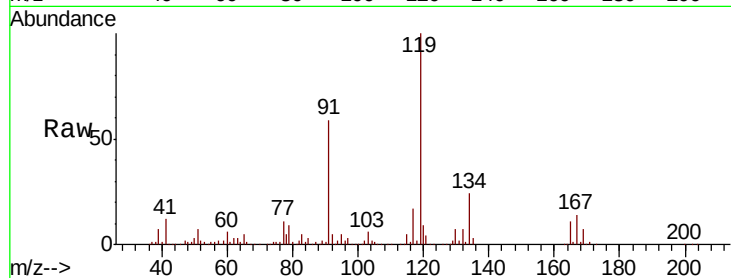




#83
 tert-Butylbenzene
 Concen: 20.903 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX005590.D
 Acq: 25 Oct 2018 15:37

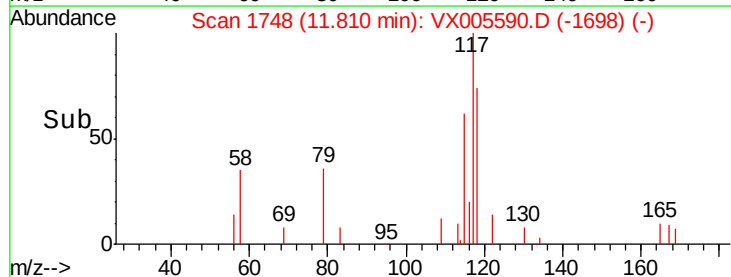
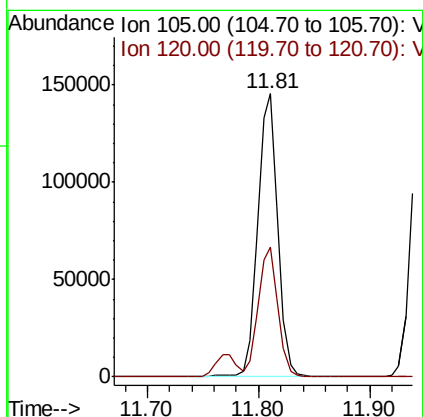
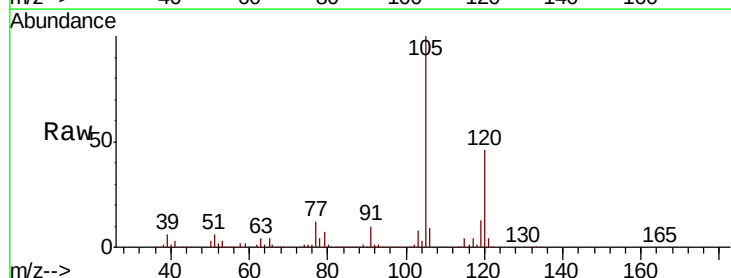
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1025WBSD01

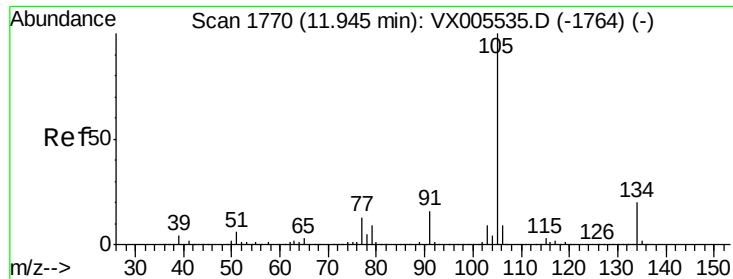
Tot Ion:119 Resp: 171319
 Ion Ratio Lower Upper
 119 100
 91 57.7 28.5 85.5
 134 22.7 11.3 33.8



#84
 1,2,4-Trimethylbenzene
 Concen: 21.888 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.01 min
 Lab File: VX005590.D
 Acq: 25 Oct 2018 15:37

Tgt Ion:105 Resp: 182389
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.4 67.0





#85

sec-Butylbenzene

Concen: 21.333 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX005590.D

Acq: 25 Oct 2018 15:37

Instrument :

MSVOA_X

ClientSampleId :

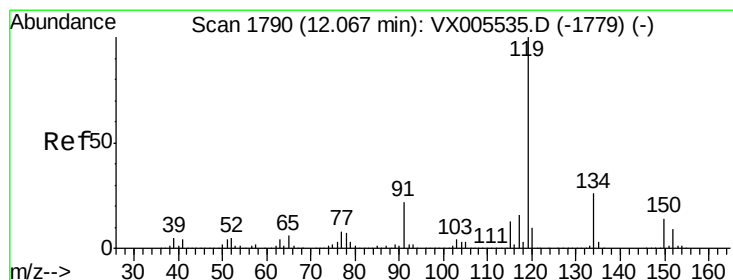
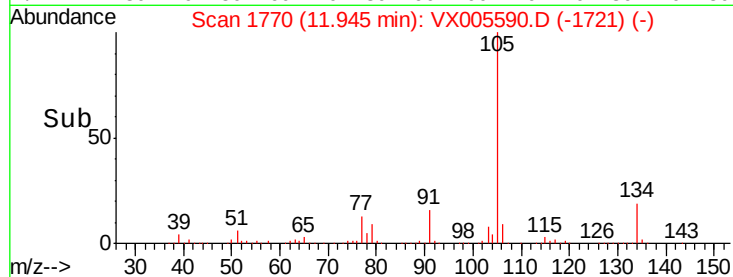
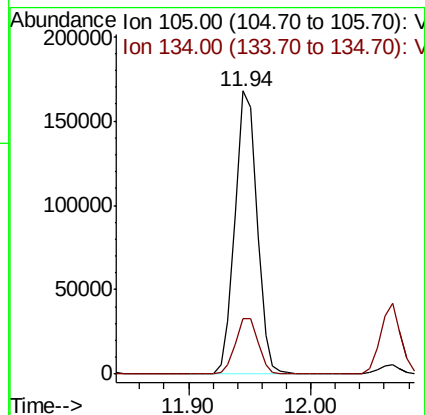
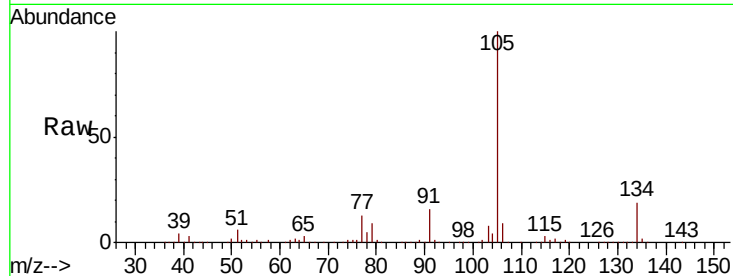
VX1025WBSD01

Tot Ion:105 Resp: 208625

Ion Ratio Lower Upper

105 100

134 20.3 10.2 30.4



#86

p-Isopropyltoluene

Concen: 21.382 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005590.D

Acq: 25 Oct 2018 15:37

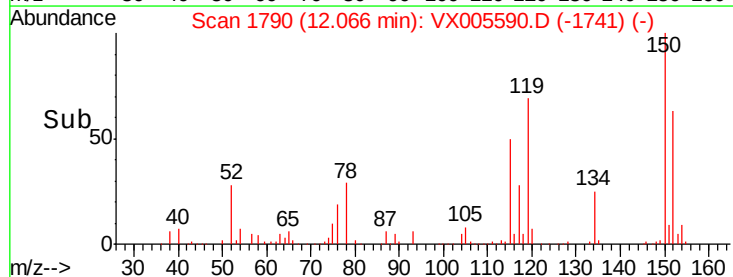
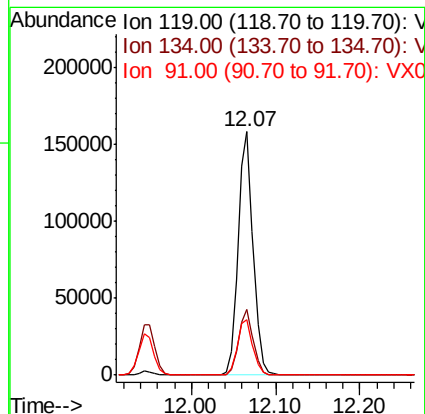
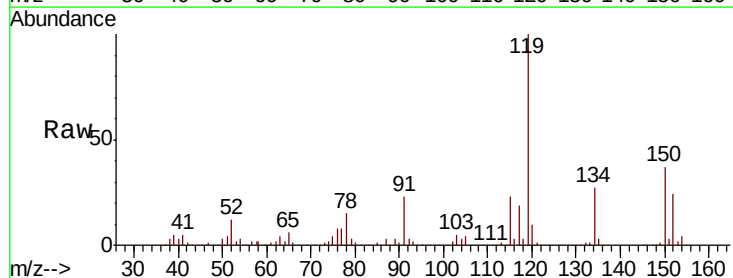
Tgt Ion:119 Resp: 186934

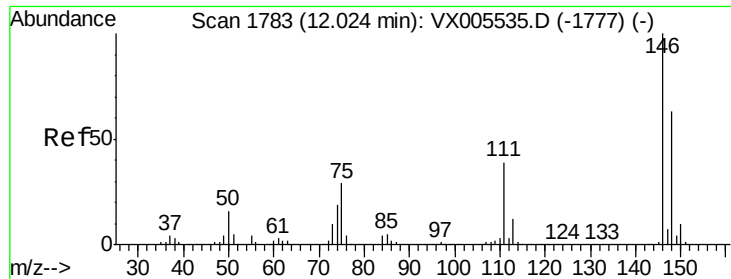
Ion Ratio Lower Upper

119 100

134 26.3 13.0 39.0

91 23.5 11.4 34.2

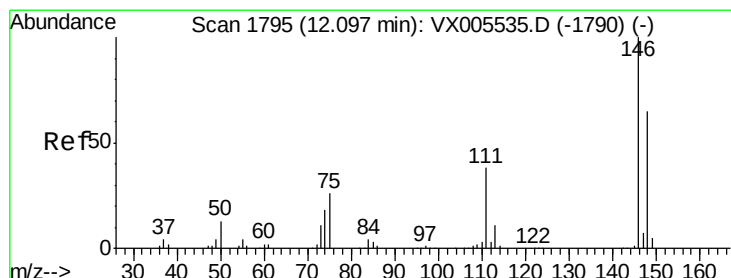
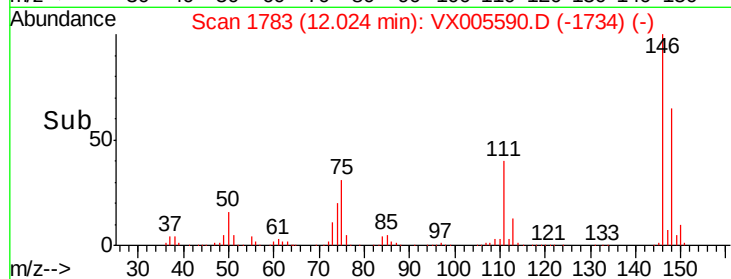
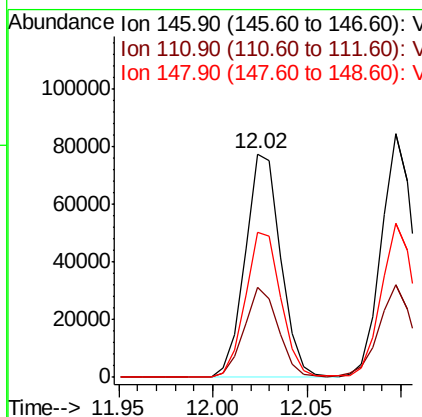
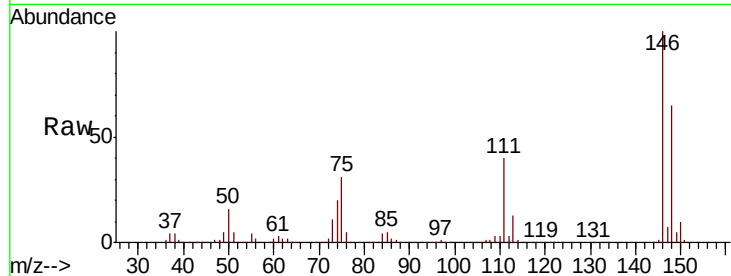




#87
 1,3-Dichlorobenzene
 Concen: 20.183 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX005590.D
 Acq: 25 Oct 2018 15:37

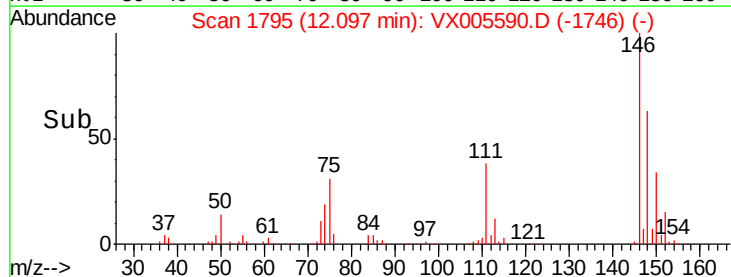
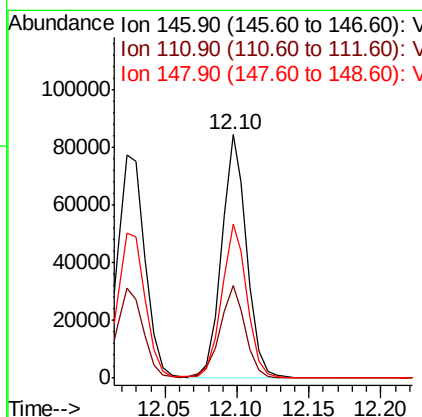
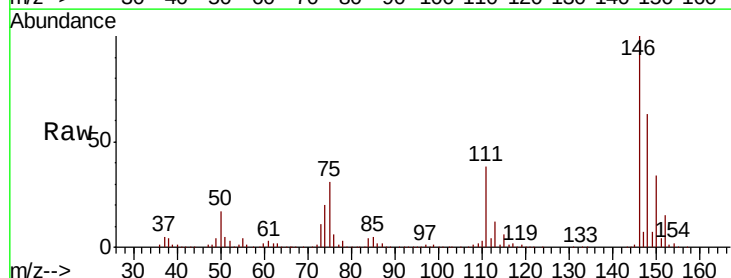
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1025WBSD01

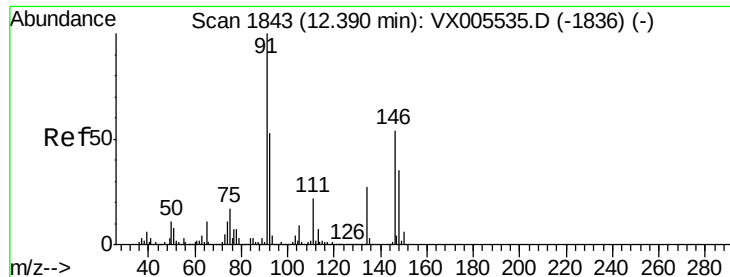
Tot Ion:146 Resp: 101661
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.0 57.0
 148 65.1 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 19.593 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005590.D
 Acq: 25 Oct 2018 15:37

Tgt Ion:146 Resp: 103017
 Ion Ratio Lower Upper
 146 100
 111 38.8 18.6 55.8
 148 64.0 32.1 96.3

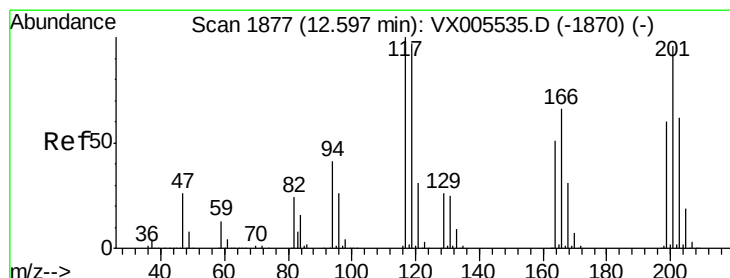
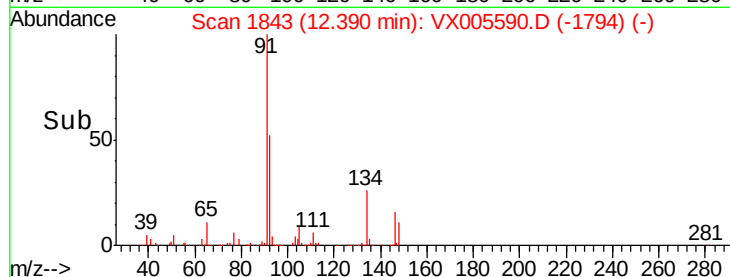
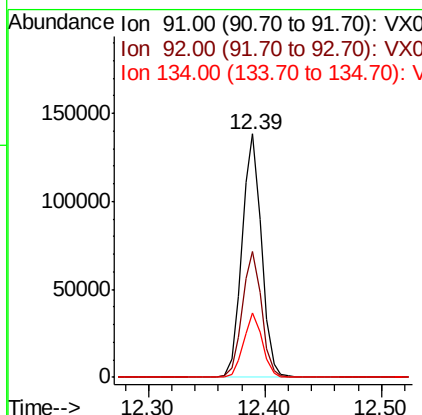
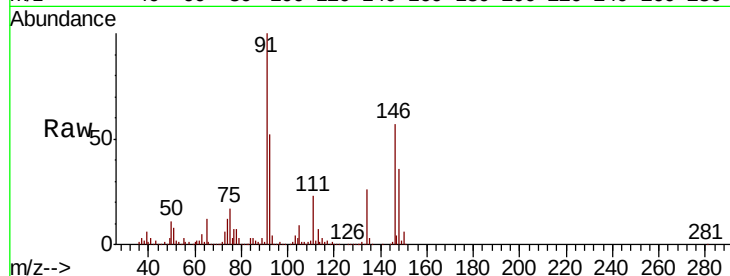




#89
n-Butylbenzene
Concen: 20.409 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005590.D
Acq: 25 Oct 2018 15:37

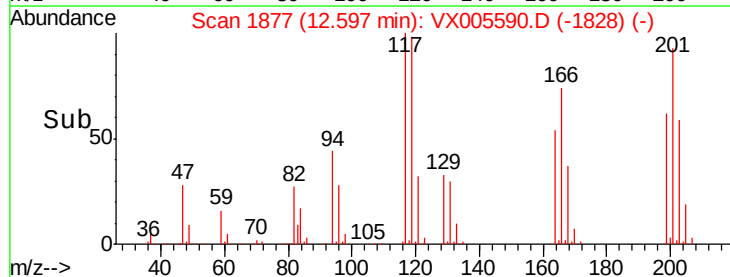
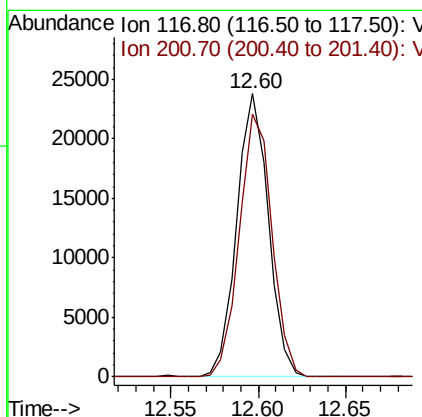
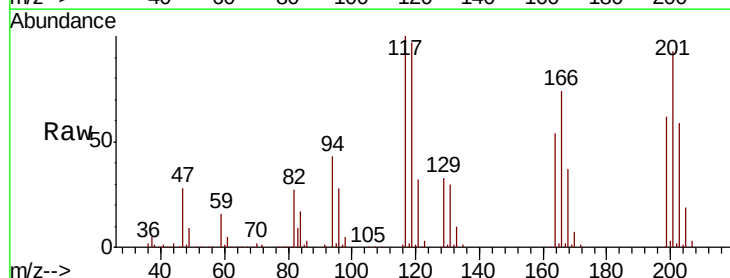
Instrument :
MSVOA_X
ClientSampled :
VX1025WBSD01

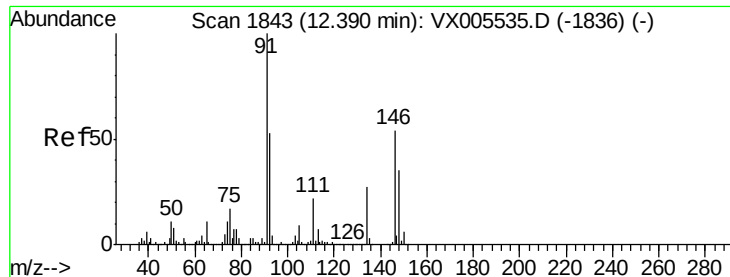
Tot Ion: 91 Resp: 161078
Ion Ratio Lower Upper
91 100
92 51.4 26.1 78.2
134 25.6 13.1 39.3



#90
Hexachloroethane
Concen: 19.903 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005590.D
Acq: 25 Oct 2018 15:37

Tgt Ion: 117 Resp: 30010
Ion Ratio Lower Upper
117 100
201 95.4 47.9 143.6

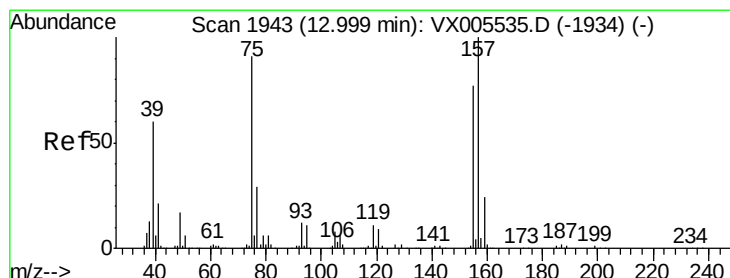
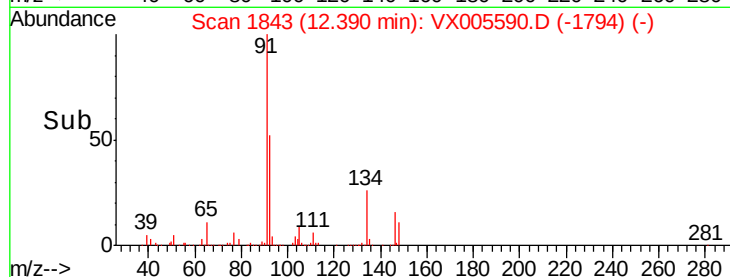
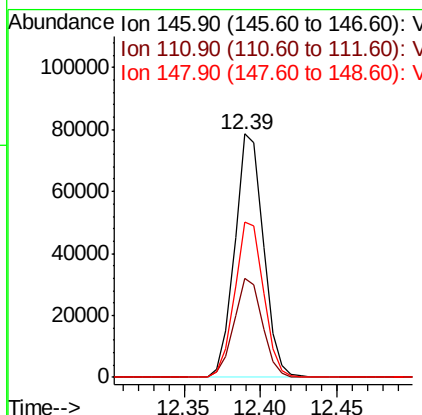
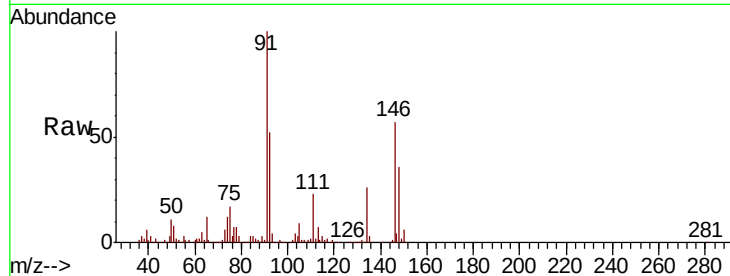




#91
 1,2-Dichlorobenzene
 Concen: 20.043 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX005590.D
 Acq: 25 Oct 2018 15:37

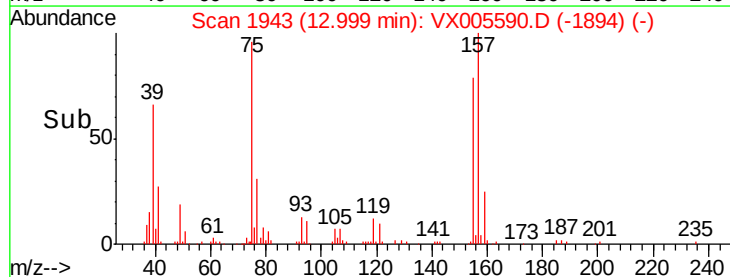
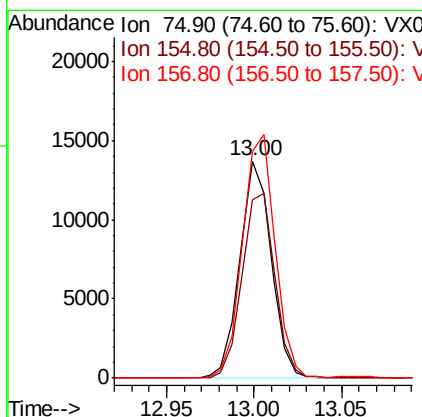
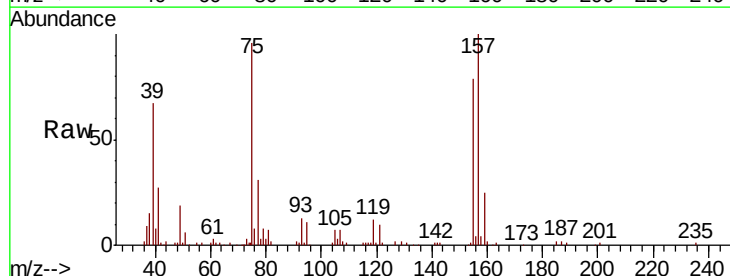
Instrument :
 MSVOA_X
 ClientSampled :
 VX1025WBSD01

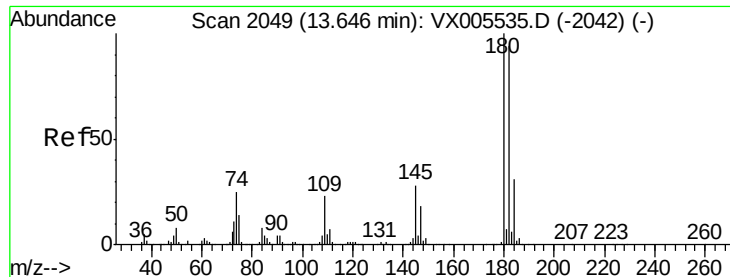
Tot Ion:146 Resp: 102143
 Ion Ratio Lower Upper
 146 100
 111 40.3 20.0 59.9
 148 64.2 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.047 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX005590.D
 Acq: 25 Oct 2018 15:37

Tgt Ion: 75 Resp: 17188
 Ion Ratio Lower Upper
 75 100
 155 88.9 45.4 136.1
 157 115.8 57.4 172.0

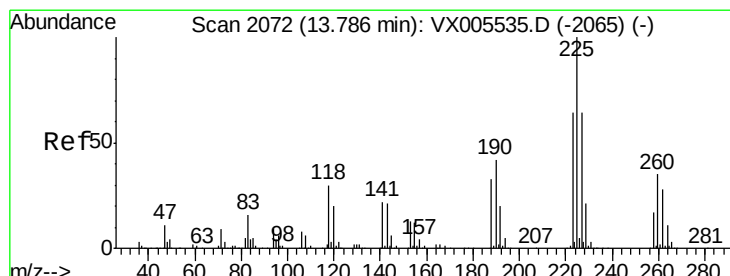
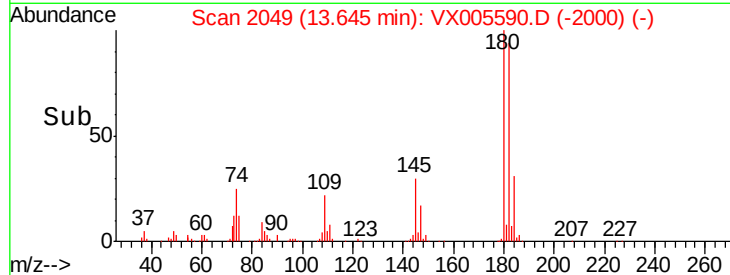
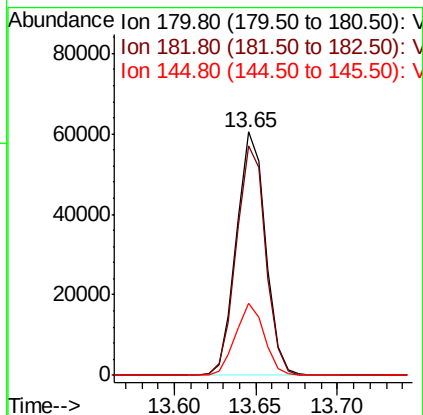
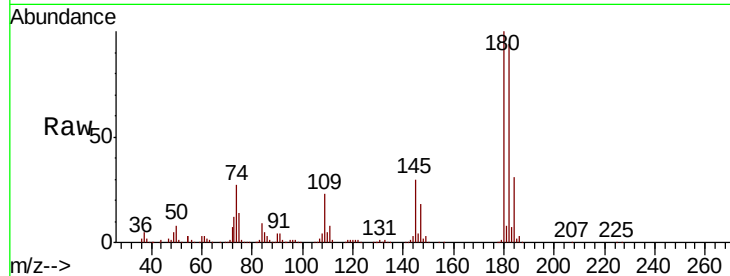




#93
 1,2,4-Trichlorobenzene
 Concen: 20.397 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005590.D
 Acq: 25 Oct 2018 15:37

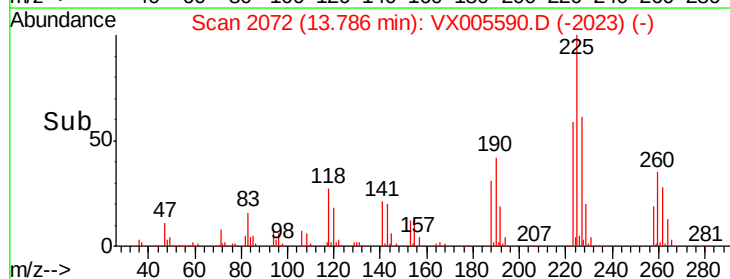
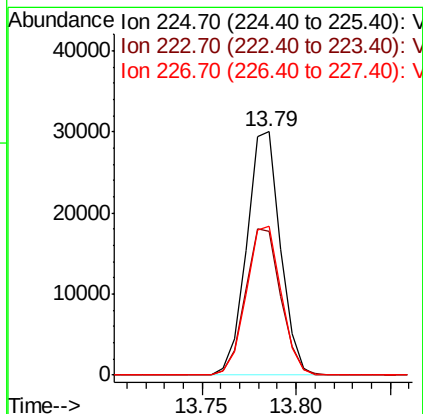
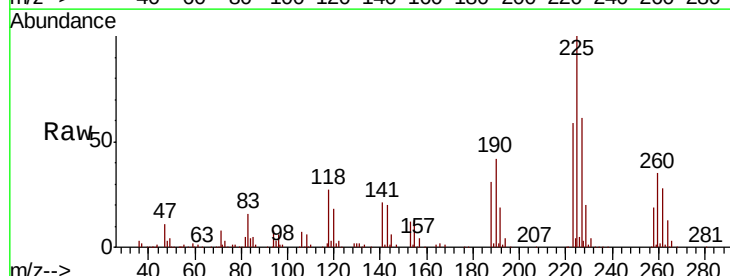
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1025WBSD01

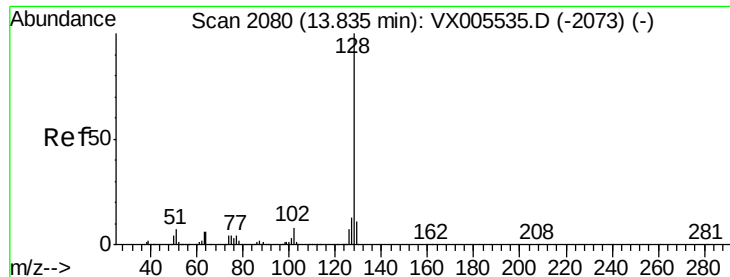
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.6	142.8
145	28.9	14.1	42.2



#94
 Hexachlorobutadiene
 Concen: 19.478 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX005590.D
 Acq: 25 Oct 2018 15:37

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	31.7	95.1
227	63.1	32.3	96.9





#95

Naphthalene

Concen: 21.541 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX005590.D

Acq: 25 Oct 2018 15:37

Instrument :

MSVOA_X

ClientSampleId :

VX1025WBSD01

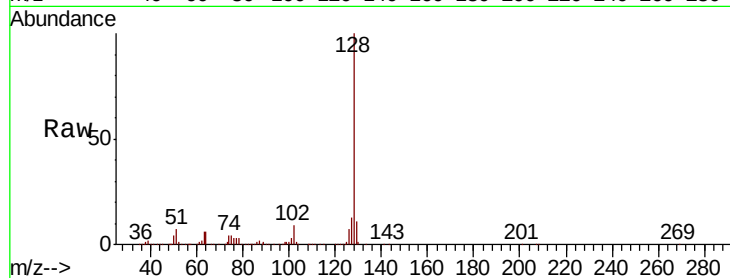
Tot Ion:128 Resp: 231313

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

129 11.0 8.7 13.1

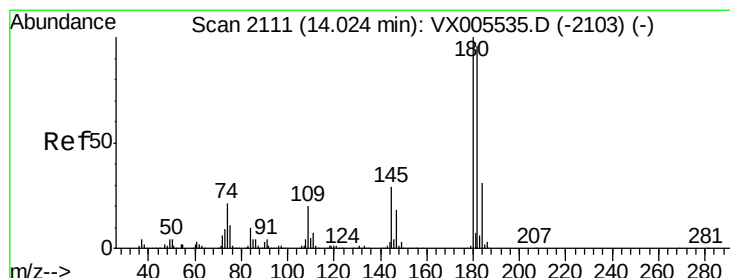
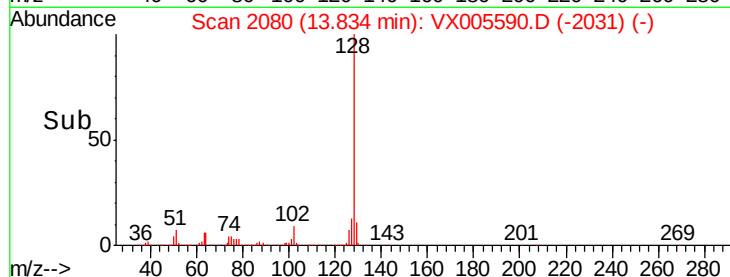
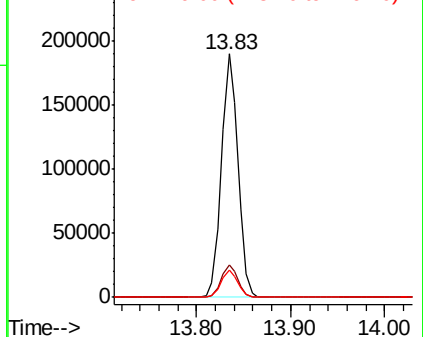


Abundance

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: 20.627 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX005590.D

Acq: 25 Oct 2018 15:37

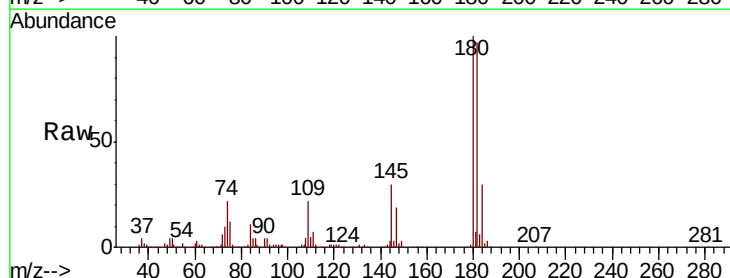
Tgt Ion:180 Resp: 77242

Ion Ratio Lower Upper

180 100

182 97.5 48.0 144.2

145 30.2 15.1 45.3



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

