

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101518\
 Data File : VX005336.D
 Acq On : 15 Oct 2018 11:55
 Operator : JC/MD
 Sample : VX1015WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 16 03:34:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	270520	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	374728	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	351967	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	196078	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	141694	47.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.38%	
35) Dibromofluoromethane	5.50	113	120639	48.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.22%	
50) Toluene-d8	8.71	98	439332	51.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.12%	
62) 4-Bromofluorobenzene	11.14	95	160853	50.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	44020	20.812	ug/l	99
3) Chloromethane	1.32	50	59289	19.345	ug/l	98
4) Vinyl Chloride	1.40	62	60310	19.426	ug/l	99
5) Bromomethane	1.64	94	35453	20.567	ug/l	94
6) Chloroethane	1.72	64	39040	20.275	ug/l	99
7) Trichlorofluoromethane	1.93	101	83641	20.188	ug/l	95
8) Diethyl Ether	2.19	74	34855	19.701	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.38	101	47382	19.814	ug/l	92
10) Methyl Iodide	2.51	142	58072	23.534	ug/l	98
11) Tert butyl alcohol	3.07	59	85561	101.026	ug/l	100
12) 1,1-Dichloroethene	2.37	96	47346	19.983	ug/l	98
13) Acrolein	2.29	56	46561	84.724	ug/l	94
14) Allyl chloride	2.73	41	105112	20.207	ug/l	96
15) Acrylonitrile	3.15	53	181088	94.357	ug/l	98
16) Acetone	2.45	43	162050	93.351	ug/l	96
17) Carbon Disulfide	2.57	76	133171	18.554	ug/l	99
18) Methyl Acetate	2.78	43	96839	19.608	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	176424	21.142	ug/l	97
20) Methylene Chloride	2.85	84	56292	21.510	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	50263	19.143	ug/l	97
22) Diisopropyl ether	3.86	45	173955	19.910	ug/l #	80
23) Vinyl Acetate	3.82	43	741907	97.151	ug/l #	92
24) 1,1-Dichloroethane	3.69	63	96555	19.282	ug/l	95
25) 2-Butanone	4.70	43	241706	95.165	ug/l	91
26) 2,2-Dichloropropane	4.59	77	68806	18.373	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	54371	19.054	ug/l	92
28) Bromochloromethane	5.03	49	46289	20.278	ug/l	95
29) Tetrahydrofuran	5.15	42	155135	95.756	ug/l	94
30) Chloroform	5.21	83	93704	20.161	ug/l	99
31) Cyclohexane	5.57	56	77626	18.809	ug/l	88
32) 1,1,1-Trichloroethane	5.49	97	79935	19.766	ug/l	100
36) 1,1-Dichloropropene	5.80	75	64686	17.824	ug/l	98
37) Ethyl Acetate	4.85	43	84109	18.021	ug/l	98
38) Carbon Tetrachloride	5.78	117	68733	18.849	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101518\
 Data File : VX005336.D
 Acq On : 15 Oct 2018 11:55
 Operator : JC/MD
 Sample : VX1015WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 16 03:34:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	72956	18.574	ug/l	95
40) Benzene	6.13	78	207895	19.096	ug/l	98
41) Methacrylonitrile	5.06	41	45935	18.358	ug/l	99
42) 1,2-Dichloroethane	6.19	62	73108	19.018	ug/l	99
43) Isopropyl Acetate	6.46	43	122723	19.739	ug/l	97
44) Trichloroethene	7.21	130	54986	19.400	ug/l	94
45) 1,2-Dichloropropane	7.52	63	52700	19.734	ug/l	97
46) Dibromomethane	7.66	93	34555	19.605	ug/l	98
47) Bromodichloromethane	7.90	83	65372	20.051	ug/l	97
48) Methyl methacrylate	7.77	41	61887	19.192	ug/l	97
49) 1,4-Dioxane	7.75	88	29471	396.253	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	431991	100.349	ug/l	94
52) Toluene	8.79	92	124534	20.909	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	70532	19.990	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	78960	20.654	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	51590	20.450	ug/l	97
56) Ethyl methacrylate	9.18	69	73968	20.113	ug/l	95
57) 1,3-Dichloropropane	9.37	76	85471	20.299	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	211315	102.455	ug/l	96
59) 2-Hexanone	9.49	43	339224	97.960	ug/l	93
60) Dibromochloromethane	9.59	129	53916	20.676	ug/l	99
61) 1,2-Dibromoethane	9.67	107	54084	20.428	ug/l	99
64) Tetrachloroethene	9.34	164	56570	19.965	ug/l	98
65) Chlorobenzene	10.14	112	141922	18.956	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.22	131	51327	19.238	ug/l	99
67) Ethyl Benzene	10.26	91	234372	19.257	ug/l	98
68) m/p-Xylenes	10.36	106	183764	38.900	ug/l	95
69) o-Xylene	10.70	106	87457	19.196	ug/l	97
70) Styrene	10.71	104	148079	19.760	ug/l	97
71) Bromoform	10.86	173	44202	18.540	ug/l	99
73) Isopropylbenzene	11.02	105	239530	20.549	ug/l	100
74) N-amyl acetate	10.90	43	106372	18.921	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.27	83	82328	18.723	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	94626	24.880	ug/l	87
77) Bromobenzene	11.26	156	67020	20.109	ug/l	98
78) n-propylbenzene	11.36	91	275562	20.544	ug/l	100
79) 2-Chlorotoluene	11.42	91	164454	20.019	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	203316	20.369	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	22786	18.204	ug/l	99
82) 4-Chlorotoluene	11.51	91	192846	19.804	ug/l	100
83) tert-Butylbenzene	11.77	119	202067	19.991	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	208882	20.335	ug/l	99
85) sec-Butylbenzene	11.94	105	243792	20.380	ug/l	100
86) p-Isopropyltoluene	12.07	119	221241	20.463	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	121335	19.483	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	123434	19.374	ug/l	98
89) n-Butylbenzene	12.39	91	188281	19.180	ug/l	96
90) Hexachloroethane	12.60	117	34770	18.660	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	121677	19.146	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	19621	18.293	ug/l	98

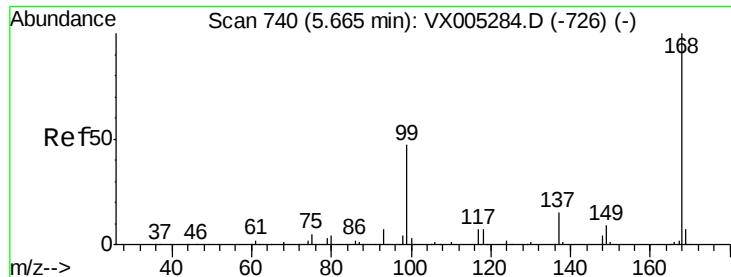
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101518\
Data File : VX005336.D
Acq On : 15 Oct 2018 11:55
Operator : JC/MD
Sample : VX1015WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Oct 16 03:34:15 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 12 11:28:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	90213	19.348	ug/l	99
94) Hexachlorobutadiene	13.79	225	47523	19.298	ug/l	99
95) Naphthalene	13.83	128	270261	19.986	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	94150	19.734	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX005336.D

Acq: 15 Oct 2018 11:55

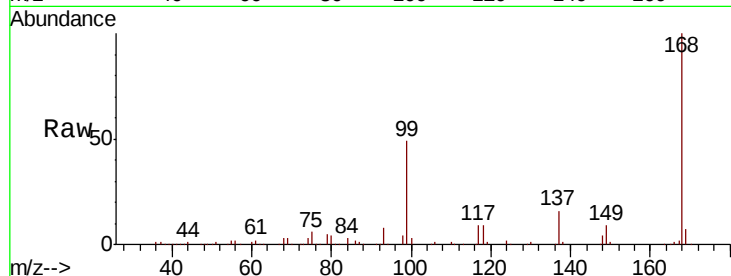
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 270520

Ion Ratio Lower Upper

168 100

99 49.2 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

60000

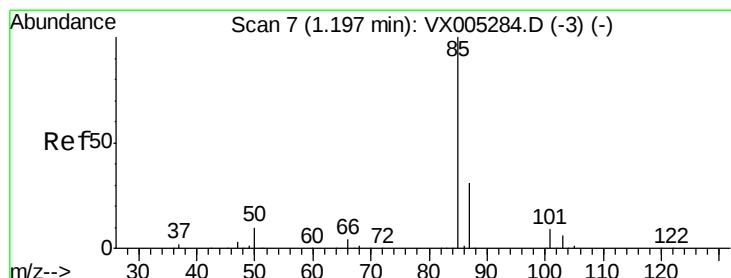
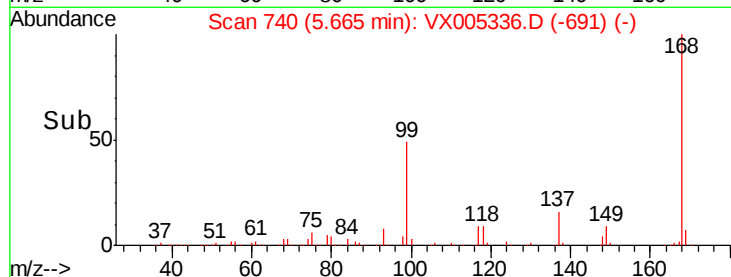
40000

20000

0

5.50 5.60 5.70 5.80 5.90

Time-->



#2

Dichlorodifluoromethane

Concen: 20.812 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005336.D

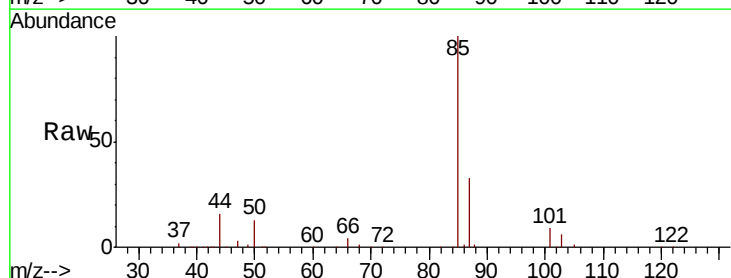
Acq: 15 Oct 2018 11:55

Tgt Ion: 85 Resp: 44020

Ion Ratio Lower Upper

85 100

87 33.4 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

50000

40000

30000

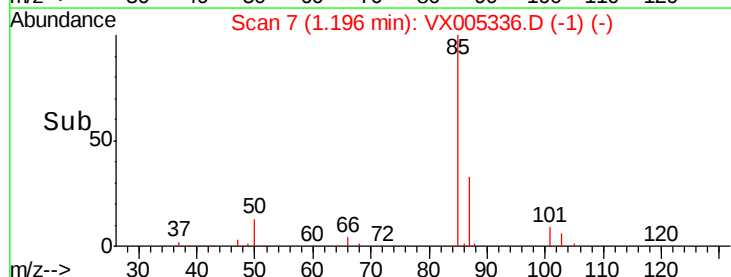
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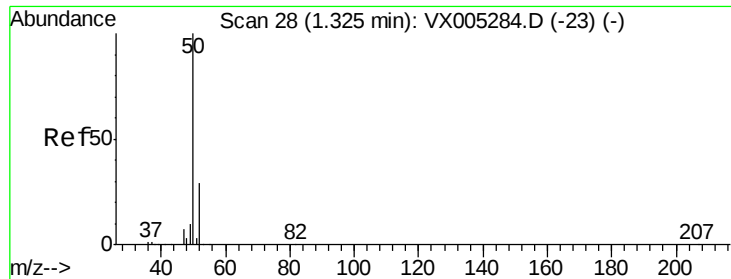
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0

1.15 1.20 1.25 1.30

Time-->

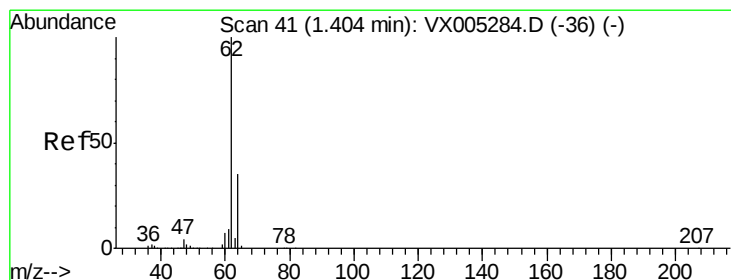
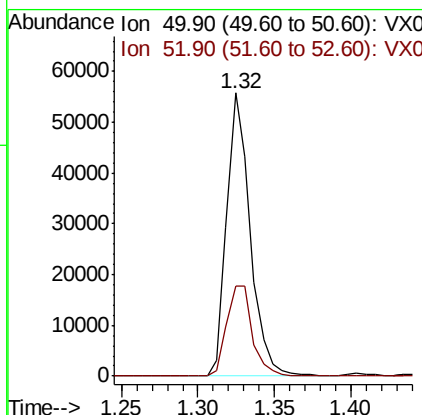
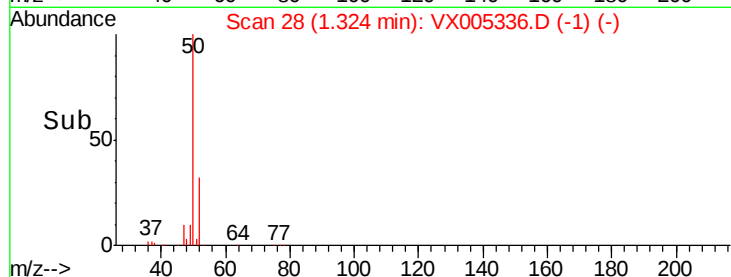
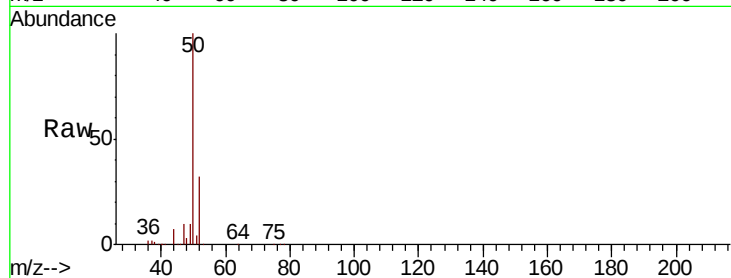




#3
Chloromethane
Concen: 19.345 ug/l
RT: 1.32 min Scan# 28
Delta R.T. -0.00 min
Lab File: VX005336.D
Acq: 15 Oct 2018 11:55

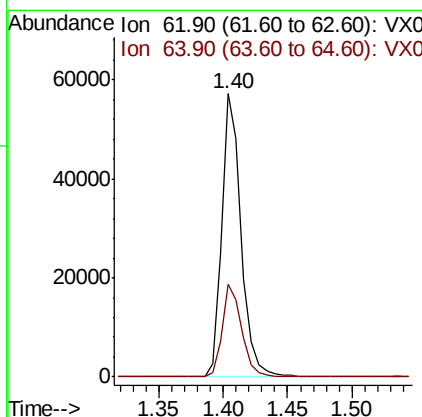
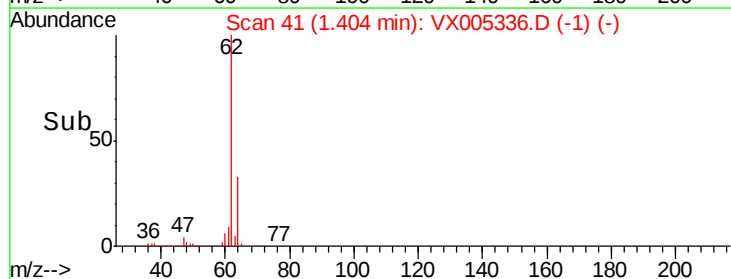
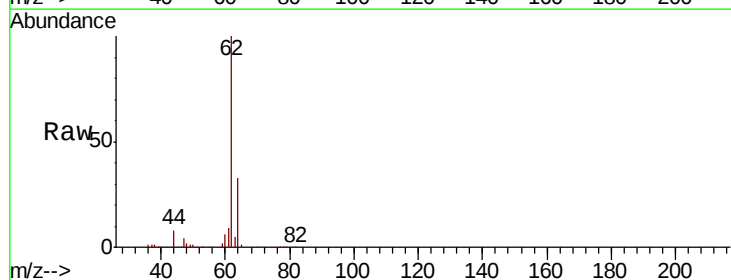
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 50 Resp: 59289
Ion Ratio Lower Upper
50 100
52 31.8 26.2 39.2



#4
Vinyl Chloride
Concen: 19.426 ug/l
RT: 1.40 min Scan# 41
Delta R.T. -0.00 min
Lab File: VX005336.D
Acq: 15 Oct 2018 11:55

Tgt Ion: 62 Resp: 60310
Ion Ratio Lower Upper
62 100
64 32.6 25.8 38.8





#5

Bromomethane

Concen: 20.567 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005336.D

Acq: 15 Oct 2018 11:55

Instrument :

MSVOA_X

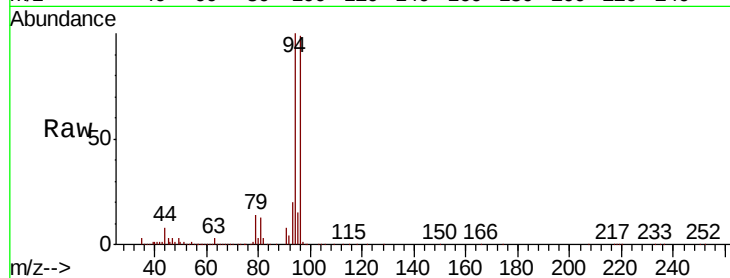
ClientSampleId :

Tot Ion: 94 Resp: 35453

Ion Ratio Lower Upper

94 100

96 99.1 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

40000

30000

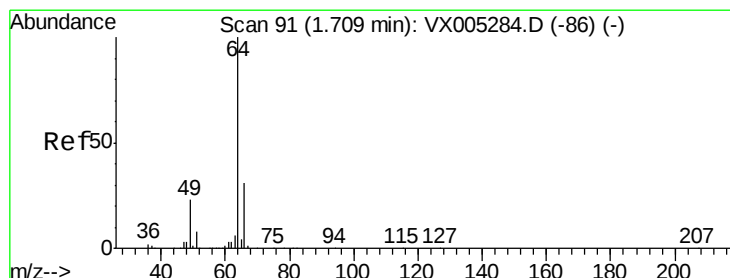
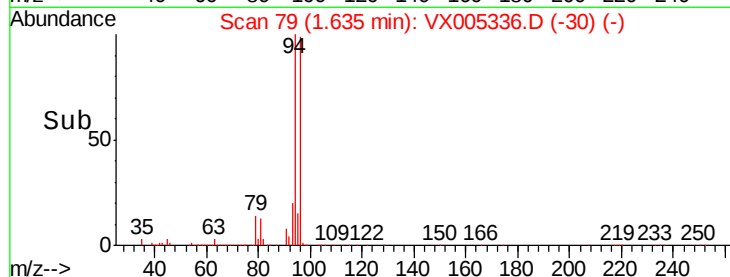
20000

10000

0

Time-->

1.60 1.65 1.70



#6

Chloroethane

Concen: 20.275 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX005336.D

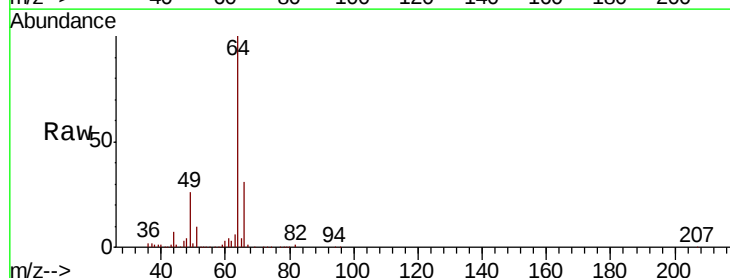
Acq: 15 Oct 2018 11:55

Tgt Ion: 64 Resp: 39040

Ion Ratio Lower Upper

64 100

66 31.2 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

30000

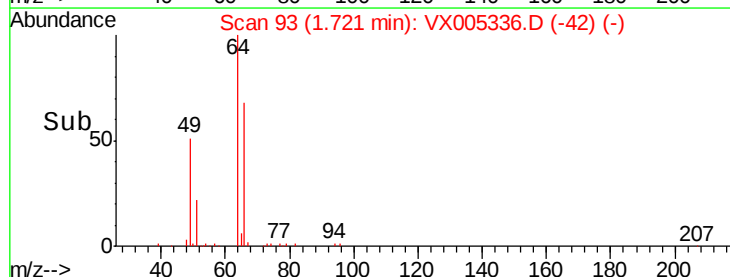
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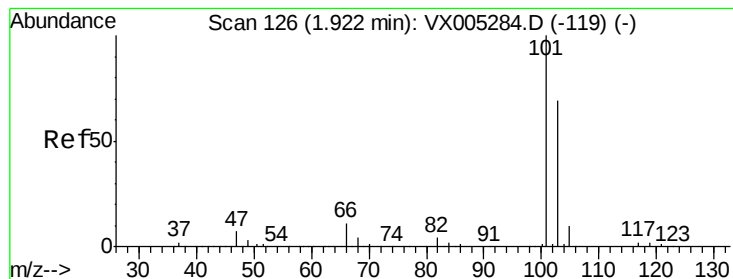
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0

Time-->

1.60 1.70 1.80



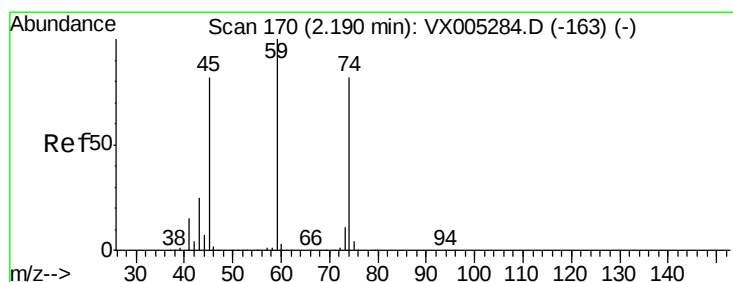
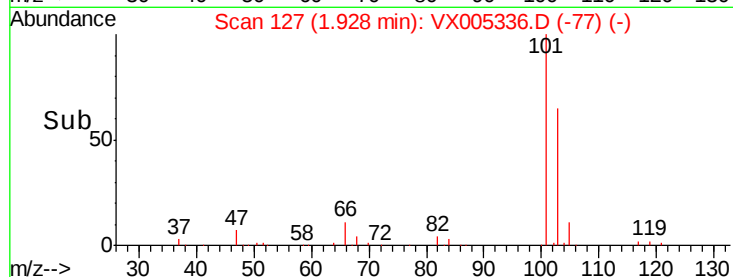
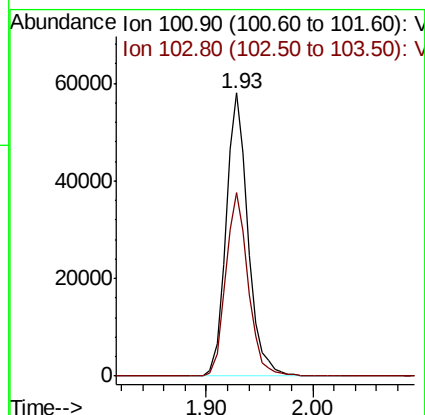
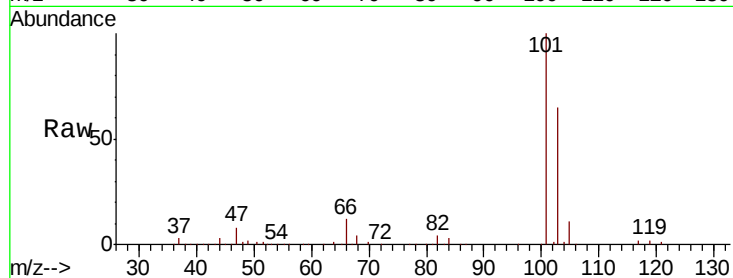


#7

Trichlorofluoromethane
 Concen: 20.188 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX005336.D
 Acq: 15 Oct 2018 11:55

Instrument :
 MSVOA_X
 ClientSampleId :

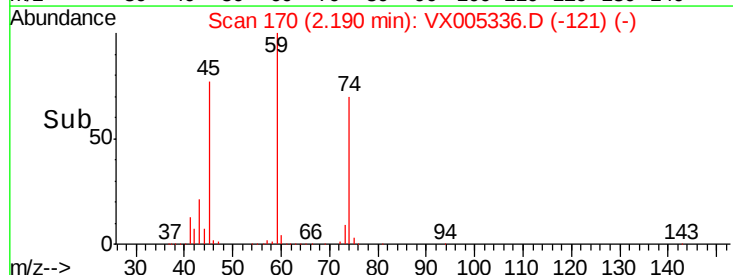
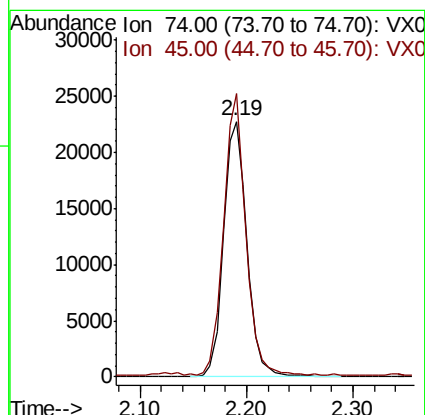
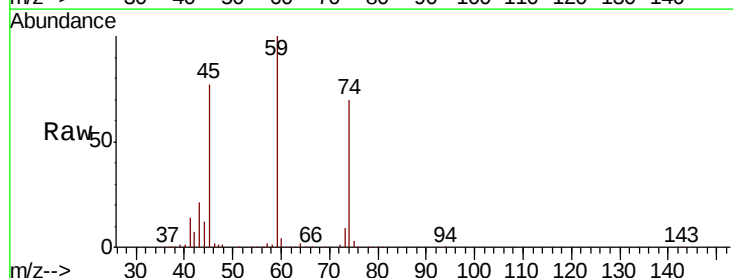
Tot Ion:101 Resp: 83641
 Ion Ratio Lower Upper
 101 100
 103 64.9 48.9 73.3



#8

Diethyl Ether
 Concen: 19.701 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX005336.D
 Acq: 15 Oct 2018 11:55

Tgt Ion: 74 Resp: 34855
 Ion Ratio Lower Upper
 74 100
 45 104.0 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.814 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX005336.D

Acq: 15 Oct 2018 11:55

Instrument :

MSVOA_X

ClientSampleId :

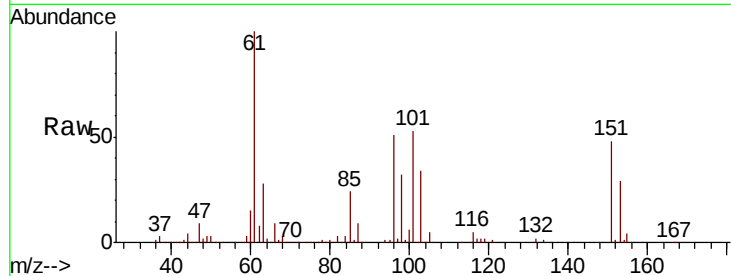
Tot Ion:101 Resp: 47382

Ion Ratio Lower Upper

101 100

85 45.1 34.2 51.4

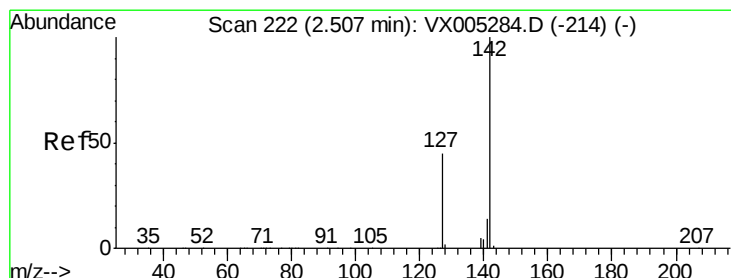
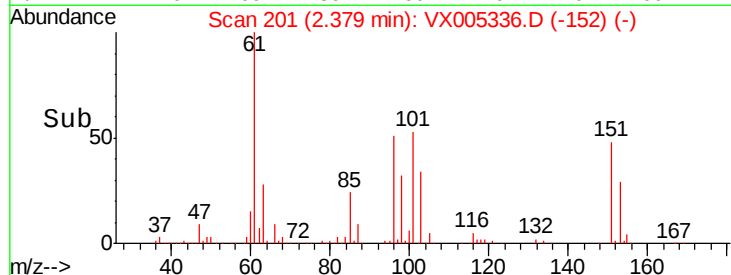
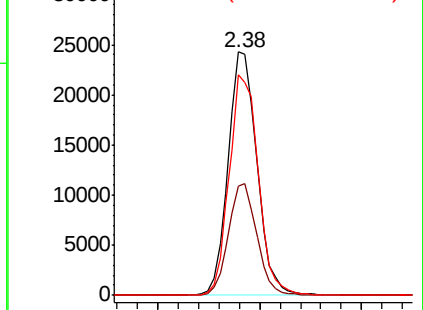
151 91.1 65.0 97.6



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: 23.534 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX005336.D

Acq: 15 Oct 2018 11:55

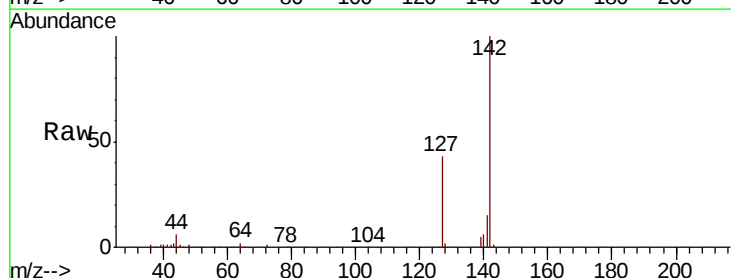
Tgt Ion:142 Resp: 58072

Ion Ratio Lower Upper

142 100

127 40.7 33.8 50.6

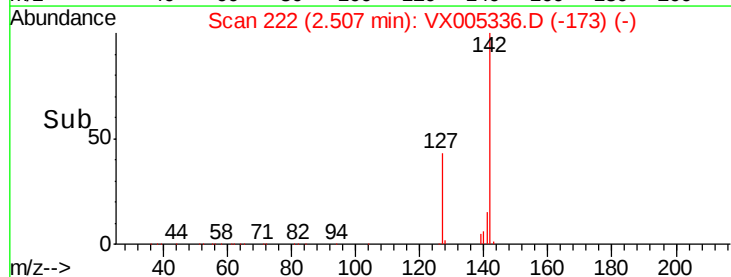
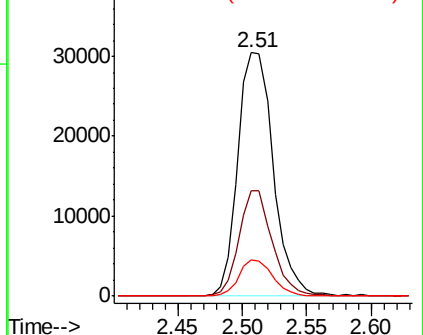
141 14.2 11.4 17.0

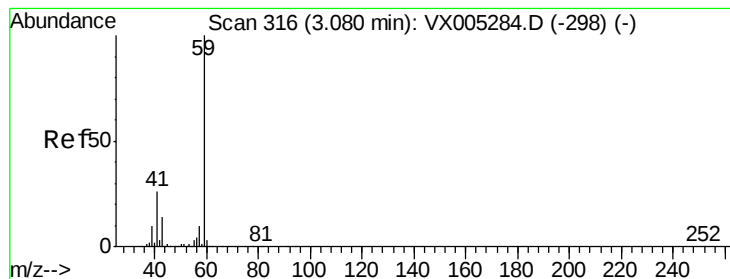


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



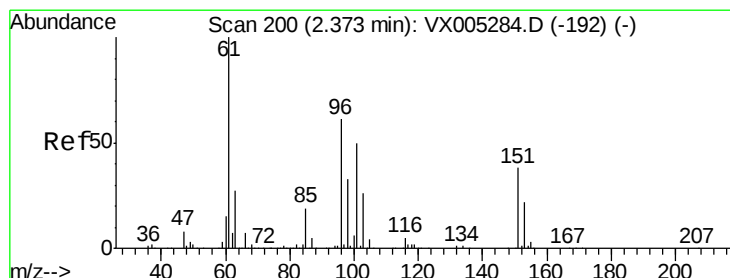
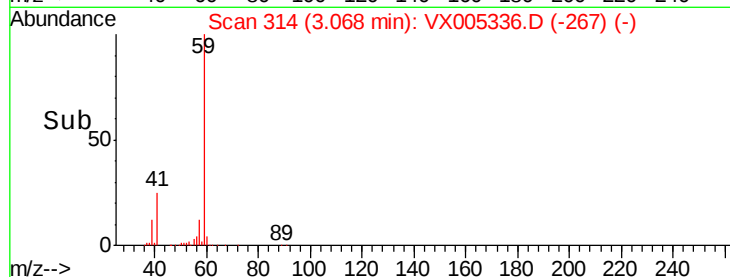
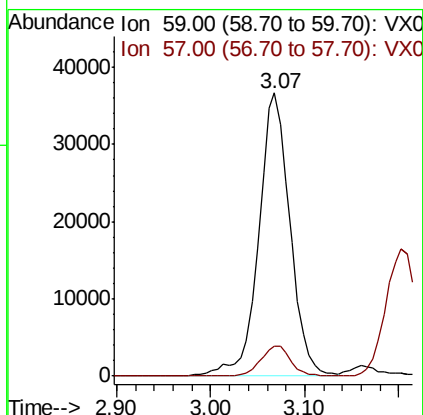
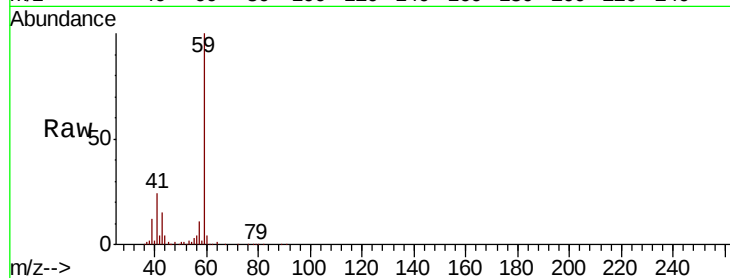


#11

Tert butyl alcohol
Concen: 101.026 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX005336.D
Acq: 15 Oct 2018 11:55

Instrument :
MSVOA_X
ClientSampleId :

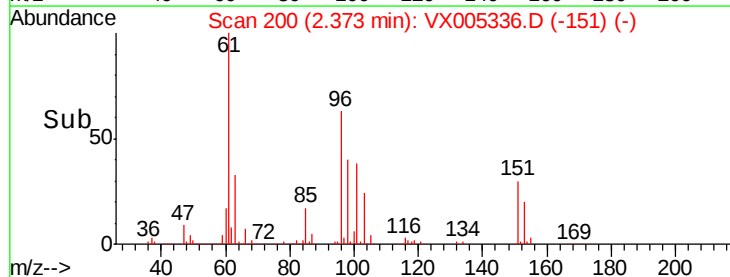
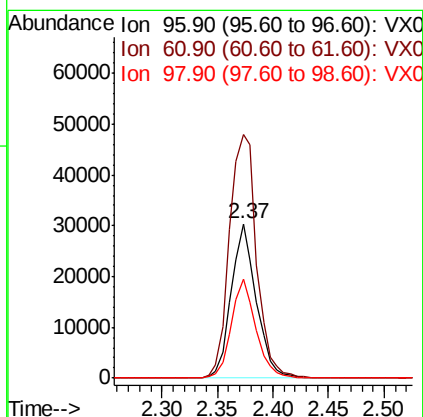
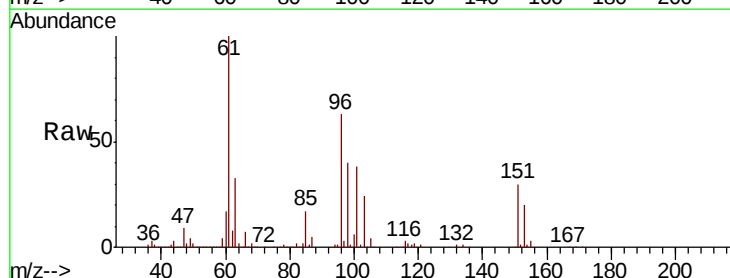
Tot Ion: 59 Resp: 85561
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4

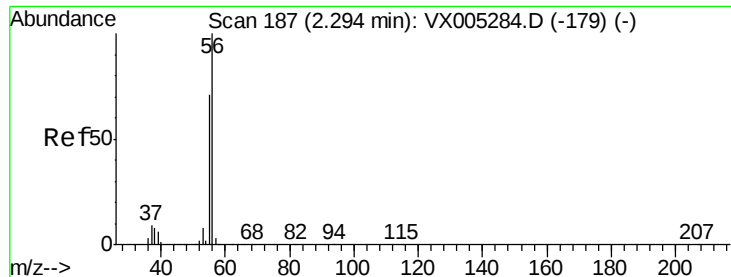


#12

1,1-Dichloroethene
Concen: 19.983 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX005336.D
Acq: 15 Oct 2018 11:55

Tgt Ion: 96 Resp: 47346
Ion Ratio Lower Upper
96 100
61 157.9 128.8 193.2
98 63.8 52.2 78.2





#13

Acrolein

Concen: 84.724 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005336.D

Acq: 15 Oct 2018 11:55

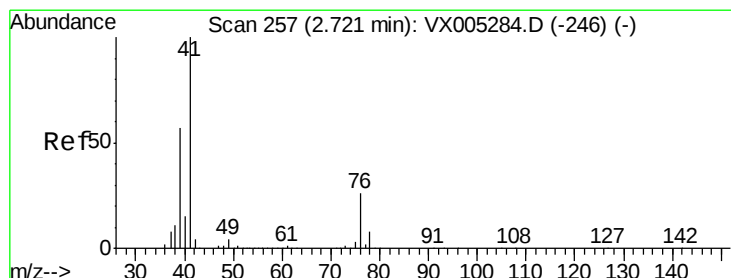
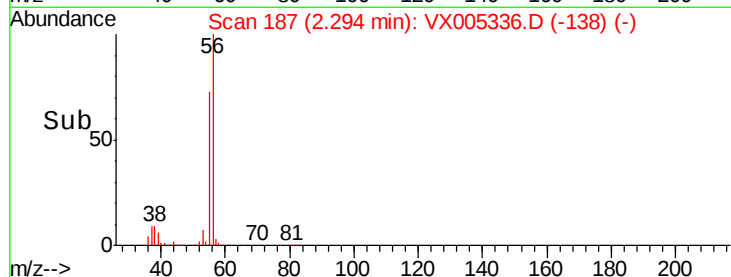
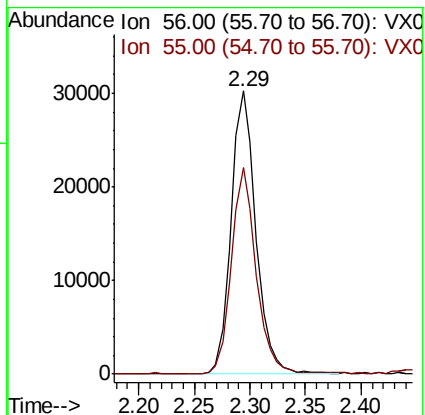
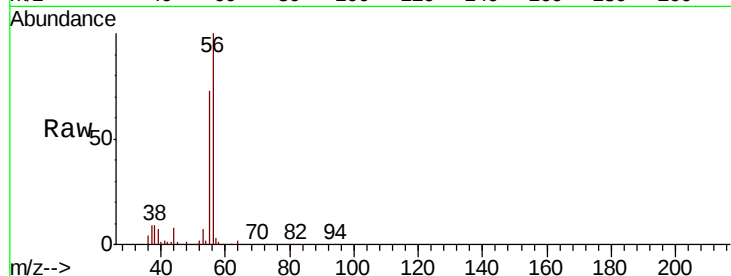
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 46561

Ion Ratio Lower Upper

56 100

55 73.0 54.7 82.1



#14

Allyl chloride

Concen: 20.207 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX005336.D

Acq: 15 Oct 2018 11:55

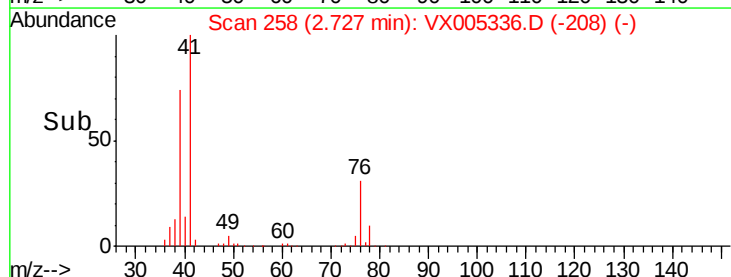
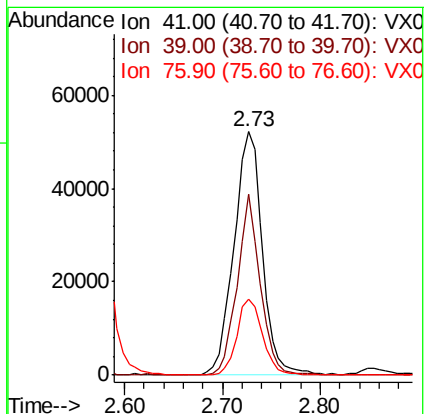
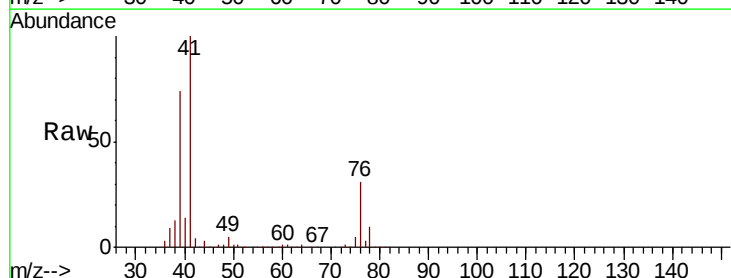
Tgt Ion: 41 Resp: 105112

Ion Ratio Lower Upper

41 100

39 59.7 48.9 73.3

76 28.4 26.7 40.1





#15

Acrylonitrile

Concen: 94.357 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX005336.D

Acq: 15 Oct 2018 11:55

Instrument :

MSVOA_X

ClientSampled :

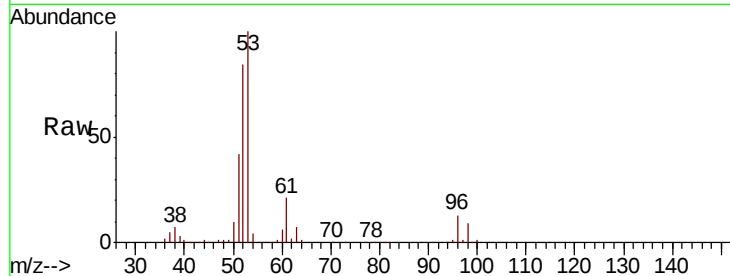
Tot Ion: 53 Resp: 181088

Ion Ratio Lower Upper

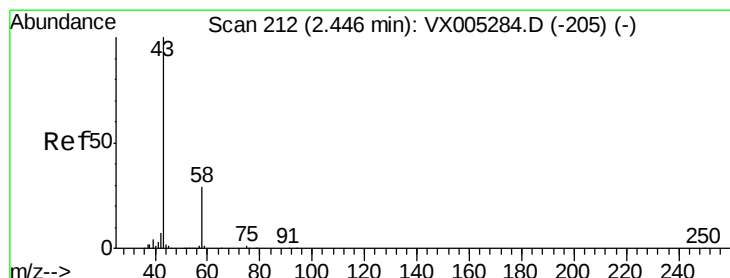
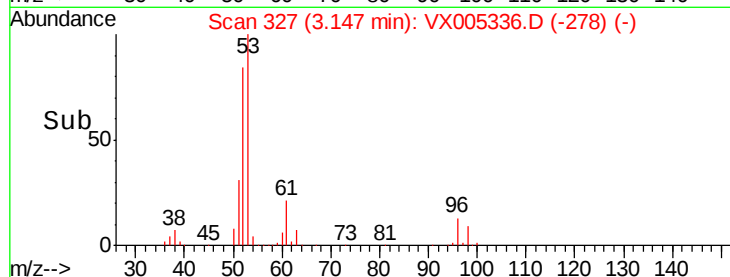
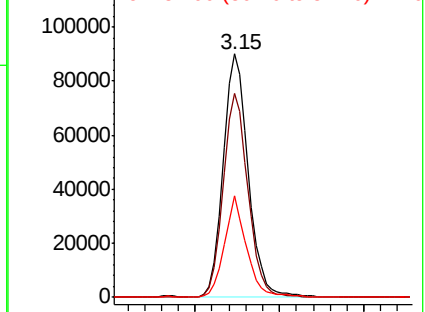
53 100

52 83.0 65.2 97.8

51 37.0 28.2 42.2



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 93.351 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005336.D

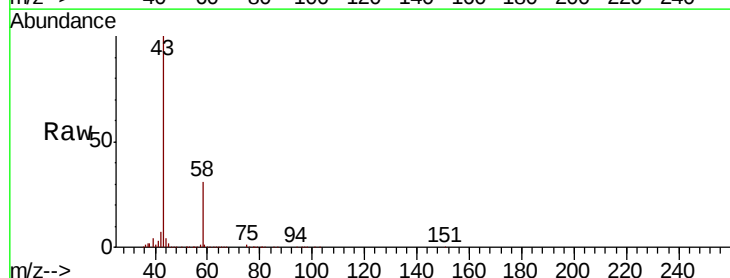
Acq: 15 Oct 2018 11:55

Tgt Ion: 43 Resp: 162050

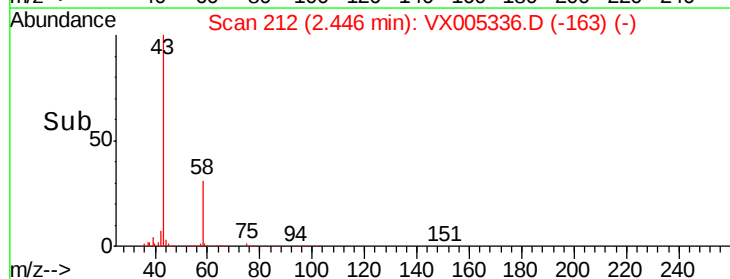
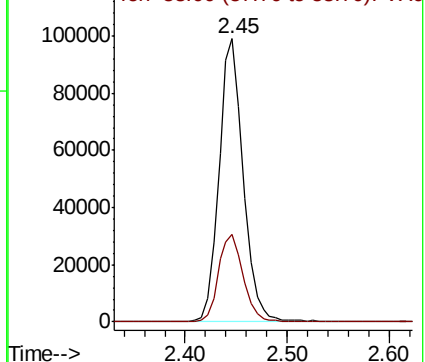
Ion Ratio Lower Upper

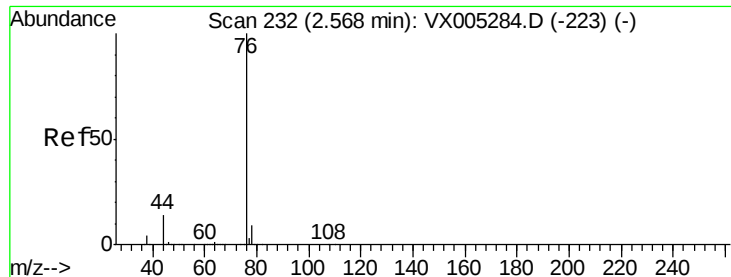
43 100

58 30.7 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 18.554 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX005336.D

Acq: 15 Oct 2018 11:55

Instrument :

MSVOA_X

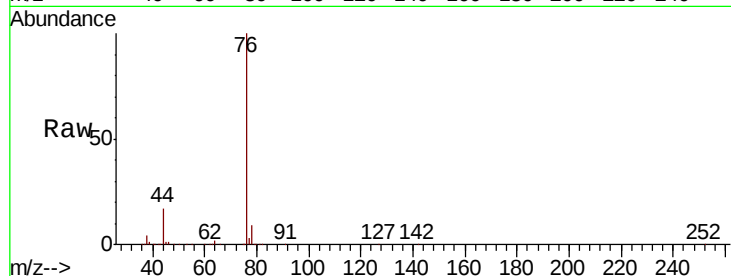
ClientSampleId :

Tot Ion: 76 Resp: 133171

Ion Ratio Lower Upper

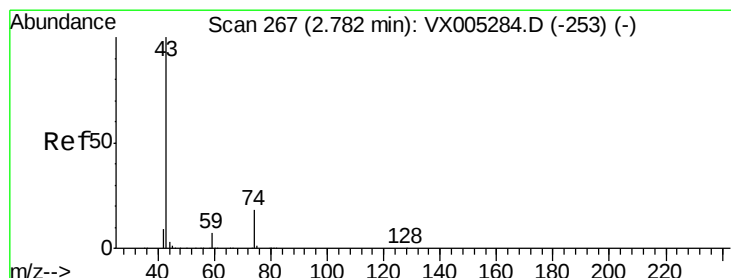
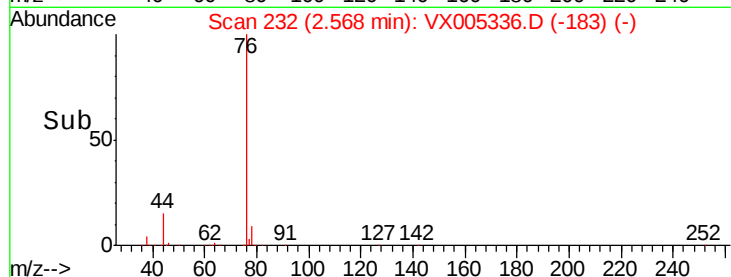
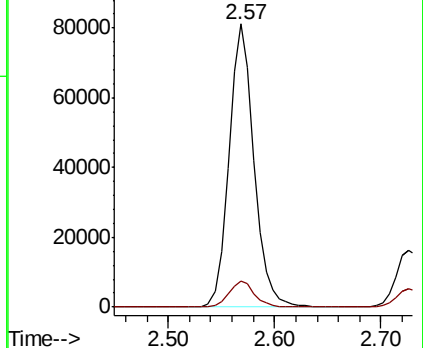
76 100

78 9.3 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 19.608 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX005336.D

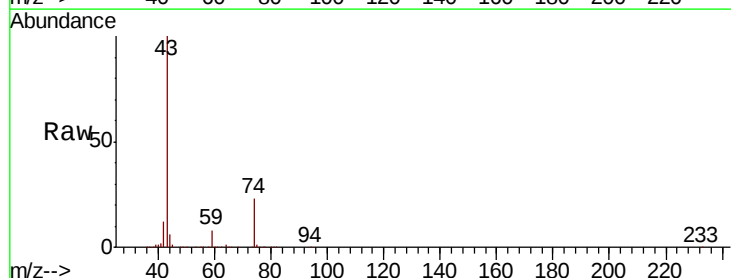
Acq: 15 Oct 2018 11:55

Tgt Ion: 43 Resp: 96839

Ion Ratio Lower Upper

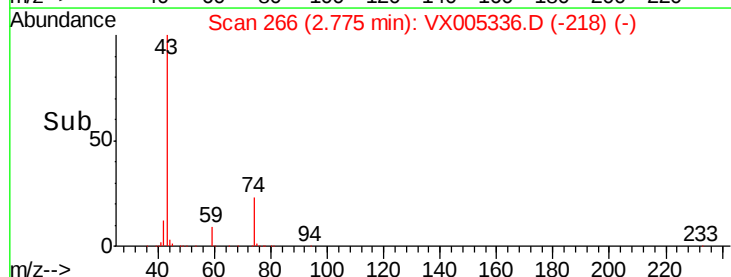
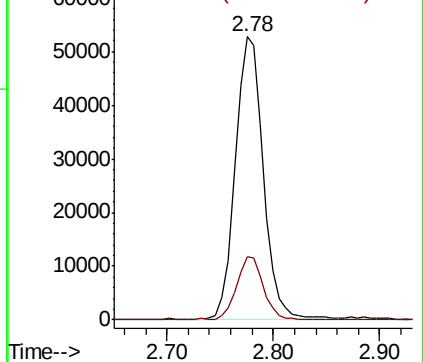
43 100

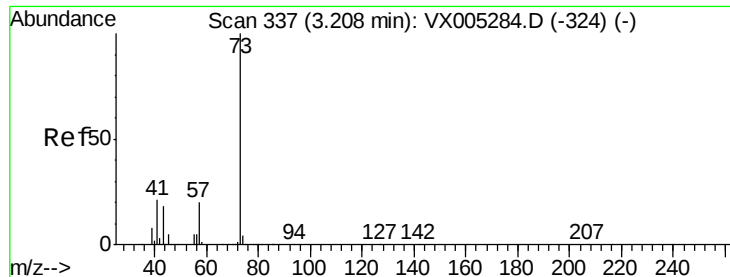
74 22.1 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



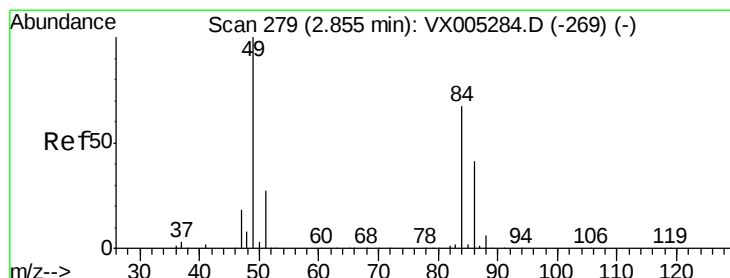
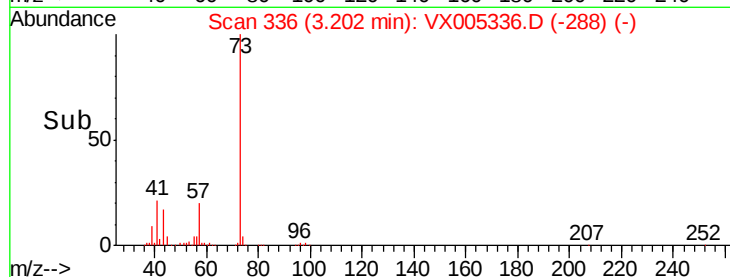
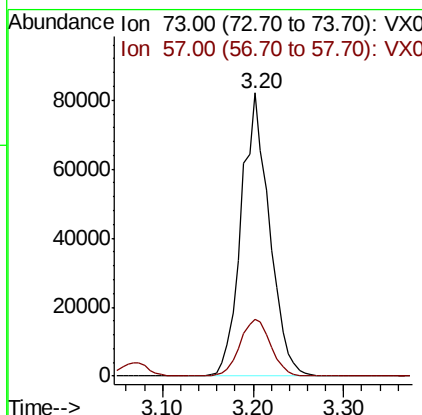
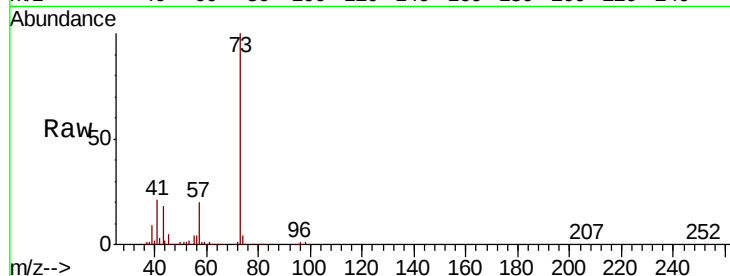


#19

Methyl tert-butyl Ether
 Concen: 21.142 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.01 min
 Lab File: VX005336.D
 Acq: 15 Oct 2018 11:55

Instrument :
 MSVOA_X
 ClientSampleId :

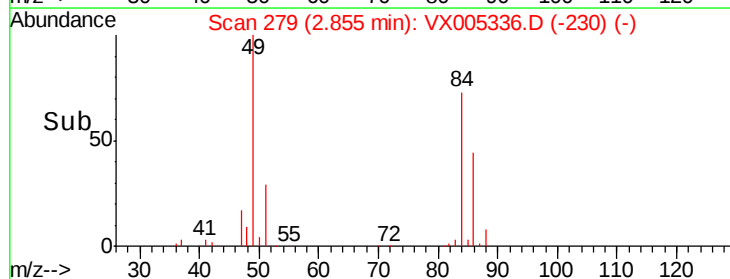
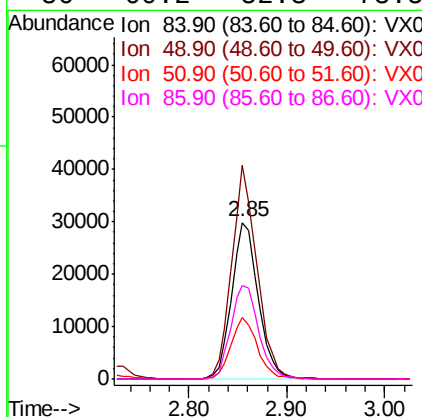
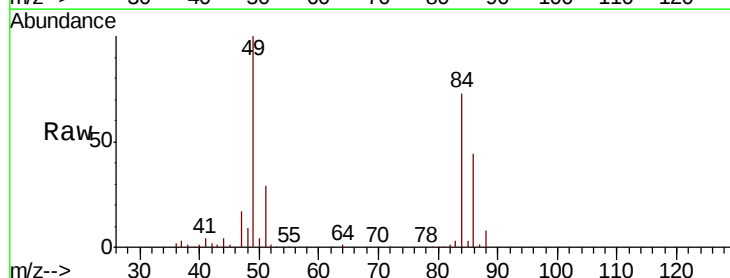
Tot Ion: 73 Resp: 176424
 Ion Ratio Lower Upper
 73 100
 57 19.9 17.1 25.7



#20

Methylene Chloride
 Concen: 21.510 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX005336.D
 Acq: 15 Oct 2018 11:55

Tgt Ion: 84 Resp: 56292
 Ion Ratio Lower Upper
 84 100
 49 136.6 101.2 151.8
 51 39.2 29.5 44.3
 86 60.2 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 19.143 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX005336.D

Acq: 15 Oct 2018 11:55

Instrument :
MSVOA_X
ClientSampleId :

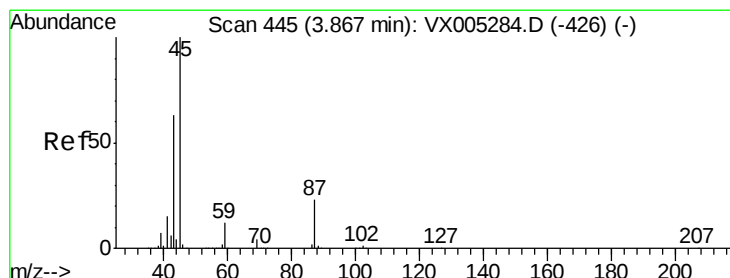
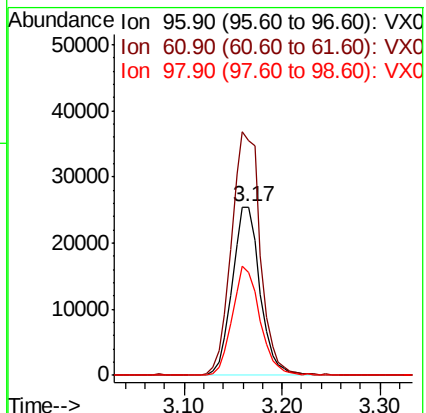
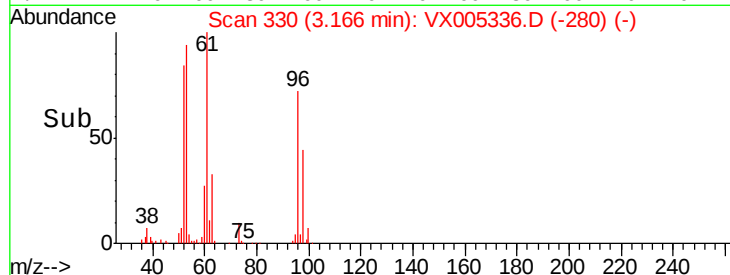
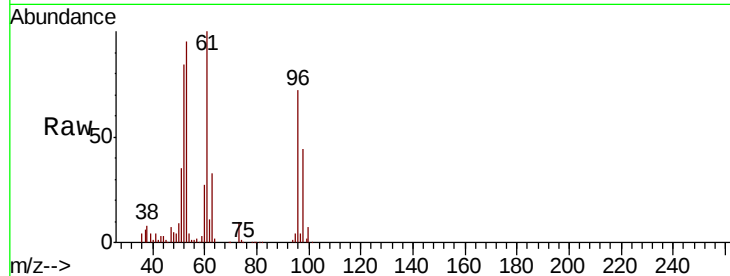
Tot Ion: 96 Resp: 50263

Ion Ratio Lower Upper

96 100

61 139.3 113.8 170.6

98 61.2 51.8 77.8



#22

Diisopropyl ether

Concen: 19.910 ug/l

RT: 3.86 min Scan# 444

Delta R.T. -0.01 min

Lab File: VX005336.D

Acq: 15 Oct 2018 11:55

Tgt Ion: 45 Resp: 173955

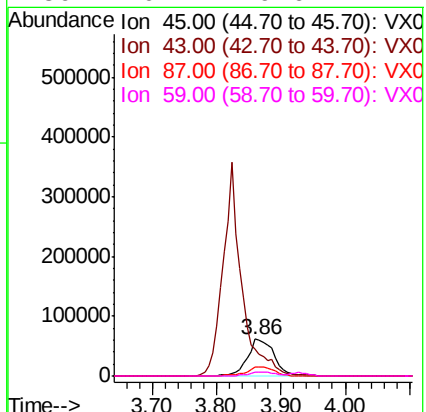
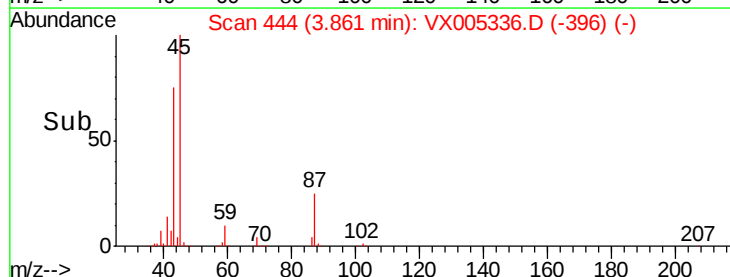
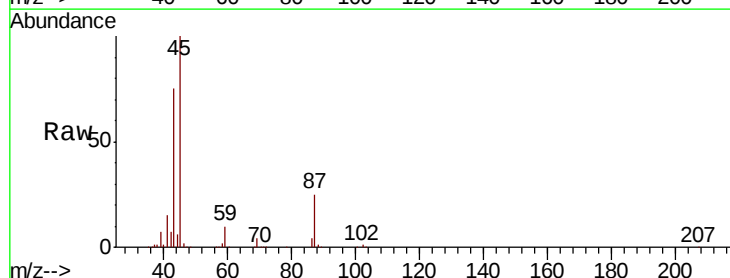
Ion Ratio Lower Upper

45 100

43 74.9 42.8 64.2#

87 25.0 22.6 34.0

59 10.2 9.6 14.4





#23

Vinyl Acetate

Concen: 97.151 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX005336.D

Acq: 15 Oct 2018 11:55

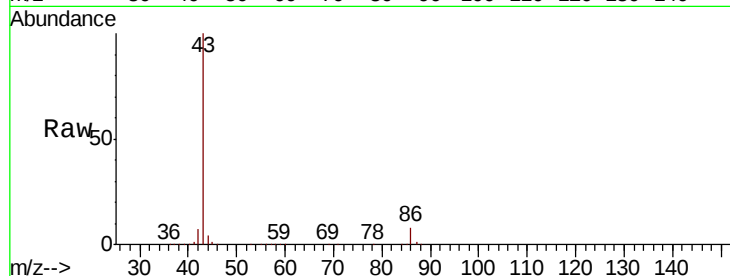
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 741907

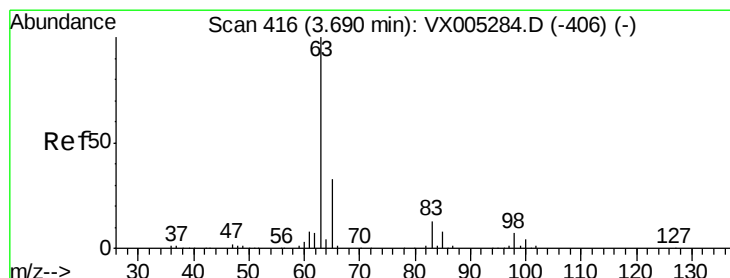
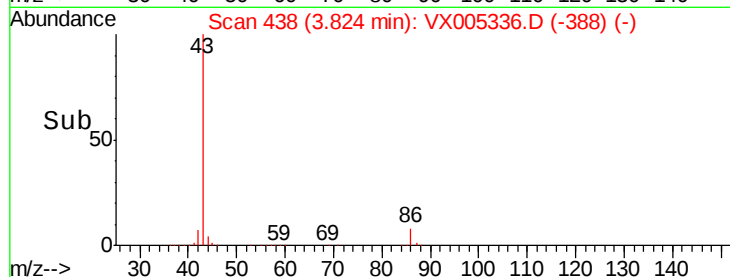
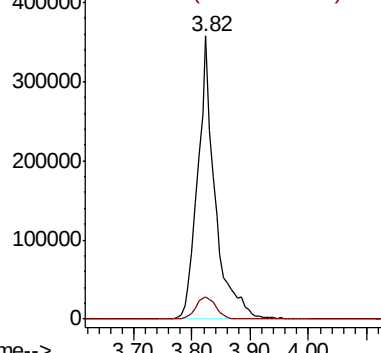
Ion Ratio Lower Upper

43 100

86 8.1 8.9 13.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.282 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.00 min

Lab File: VX005336.D

Acq: 15 Oct 2018 11:55

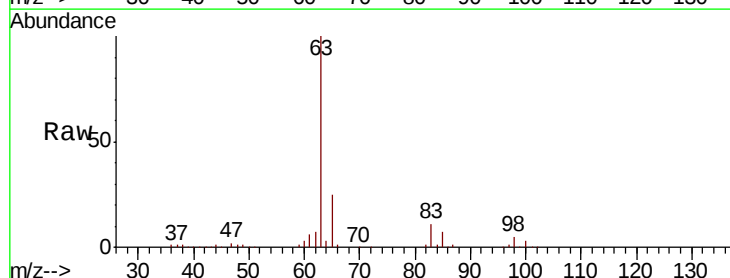
Tgt Ion: 63 Resp: 96555

Ion Ratio Lower Upper

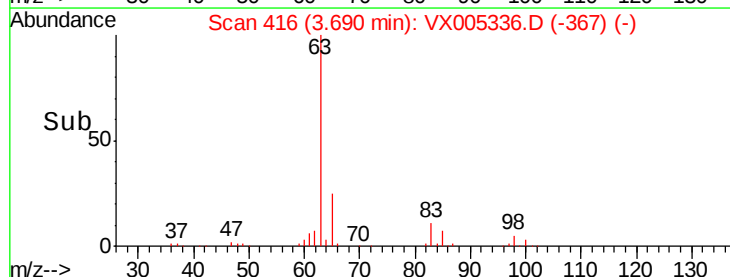
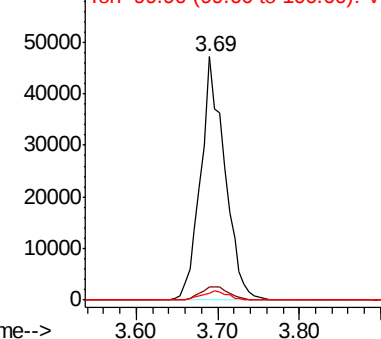
63 100

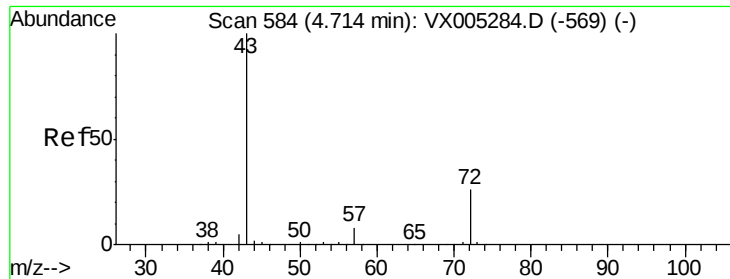
98 5.3 3.5 10.4

100 3.0 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 97.90 (97.60 to 98.60): VX0
Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 95.165 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX005336.D

Acq: 15 Oct 2018 11:55

Instrument :

MSVOA_X

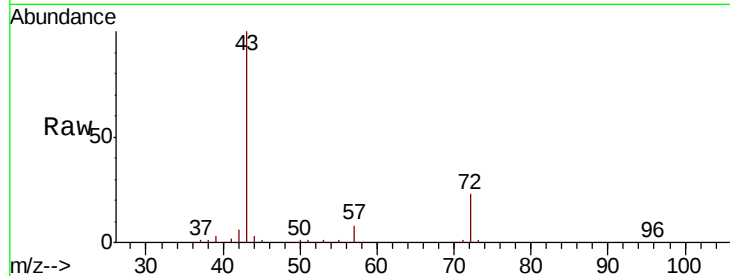
ClientSampleId :

Tot Ion: 43 Resp: 241706

Ion Ratio Lower Upper

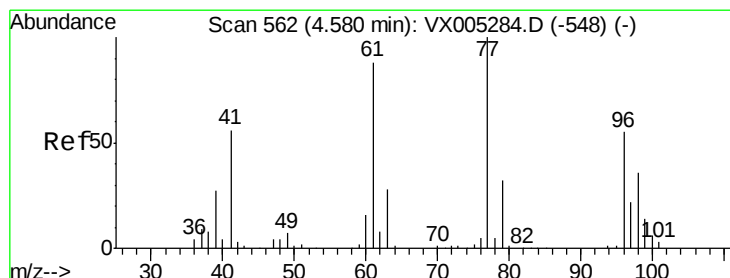
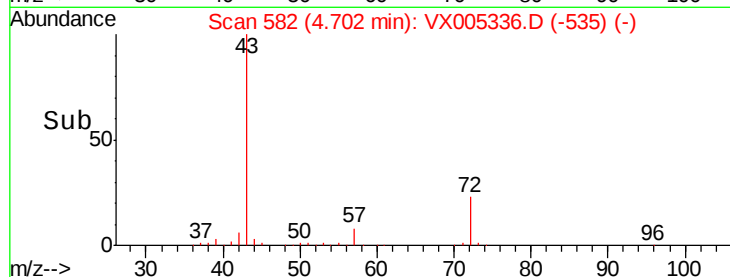
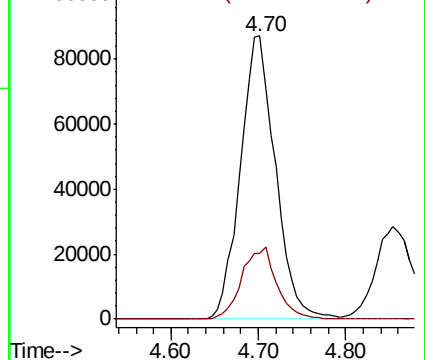
43 100

72 23.0 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.373 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX005336.D

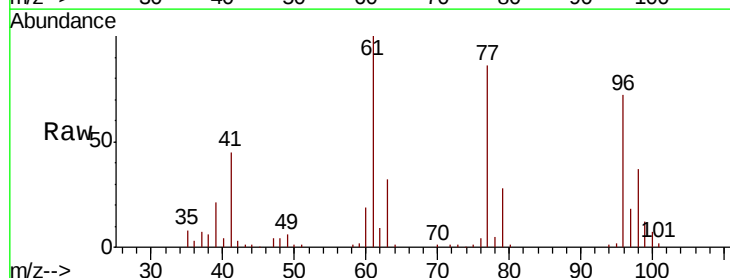
Acq: 15 Oct 2018 11:55

Tgt Ion: 77 Resp: 68806

Ion Ratio Lower Upper

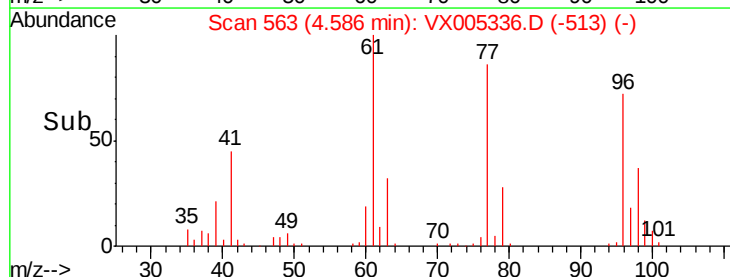
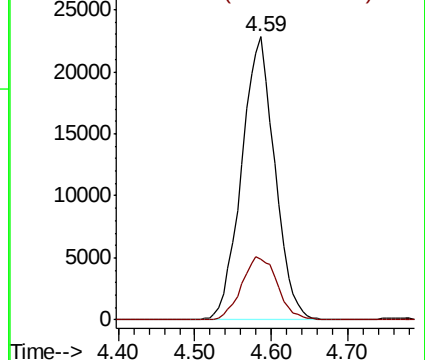
77 100

97 24.0 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



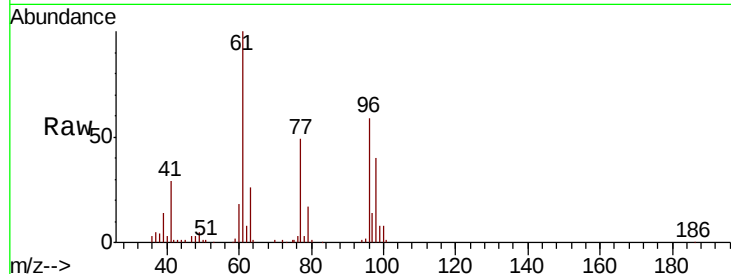


#27

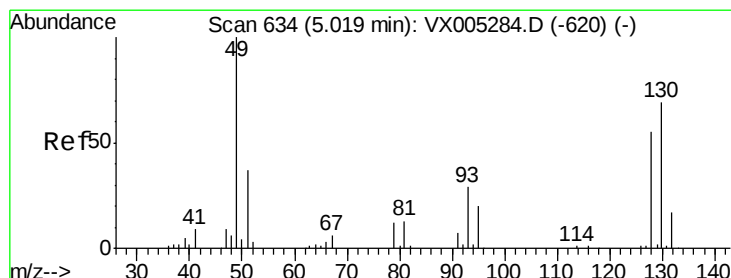
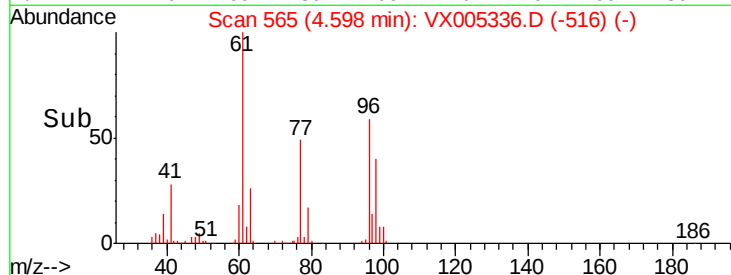
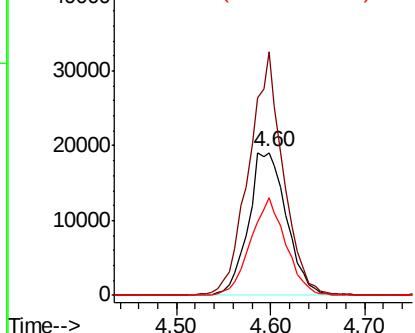
cis-1,2-Dichloroethene
Concen: 19.054 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX005336.D
Acq: 15 Oct 2018 11:55

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 96 Resp: 54371
Ion Ratio Lower Upper
96 100
61 153.5 0.0 282.6
98 63.3 0.0 130.2



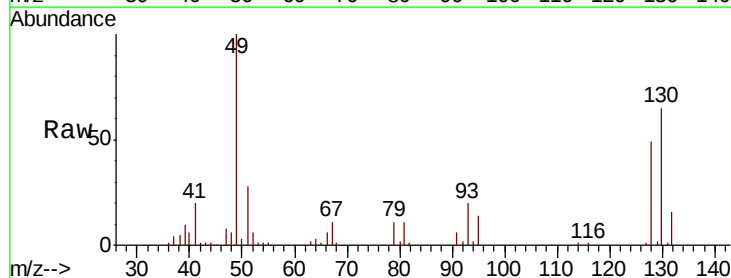
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



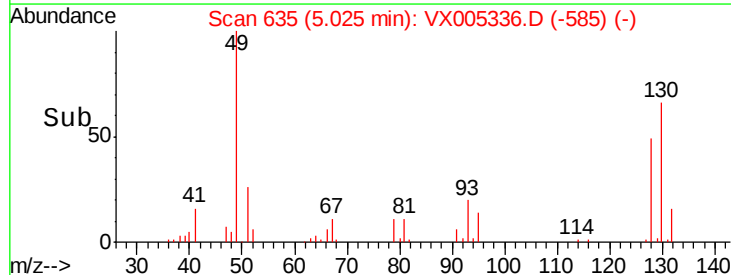
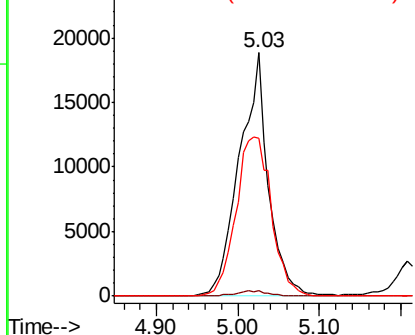
#28

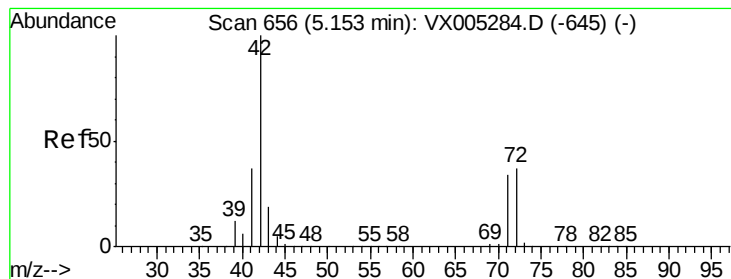
Bromochloromethane
Concen: 20.278 ug/l
RT: 5.03 min Scan# 635
Delta R.T. 0.01 min
Lab File: VX005336.D
Acq: 15 Oct 2018 11:55

Tgt Ion: 49 Resp: 46289
Ion Ratio Lower Upper
49 100
129 2.3 0.0 4.2
130 80.1 67.5 101.3



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 95.756 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX005336.D

Acq: 15 Oct 2018 11:55

Instrument :

MSVOA_X

ClientSampleId :

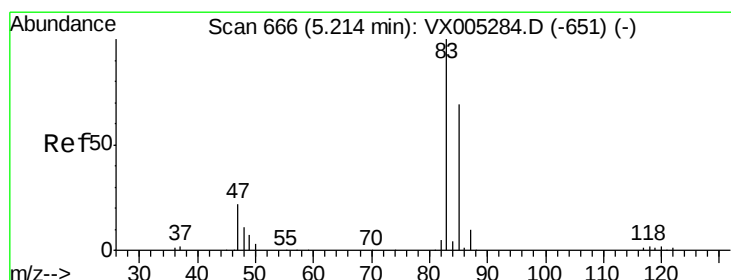
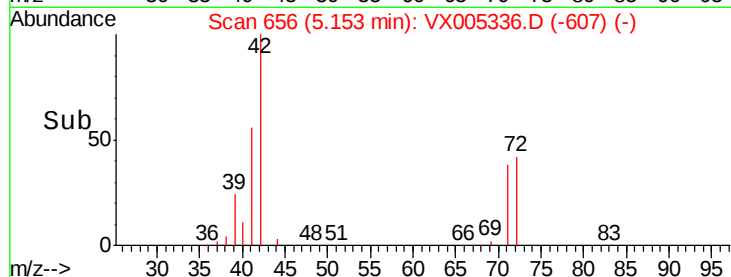
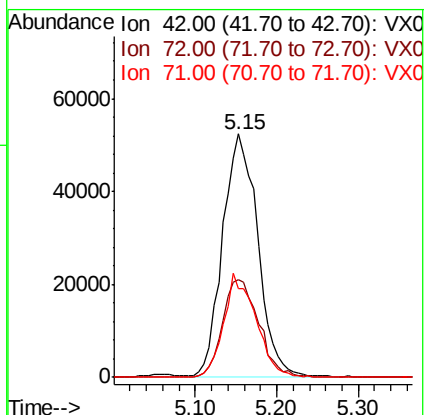
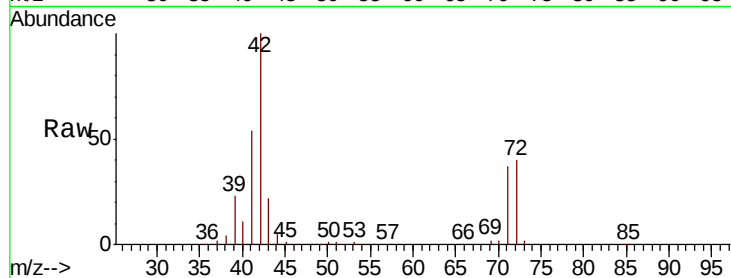
Tot Ion: 42 Resp: 155135

Ion Ratio Lower Upper

42 100

72 42.2 37.4 56.0

71 39.3 34.5 51.7



#30

Chloroform

Concen: 20.161 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX005336.D

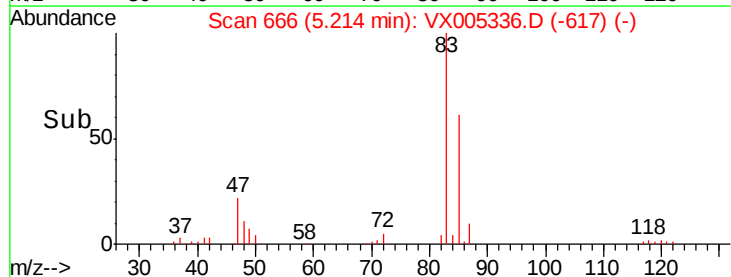
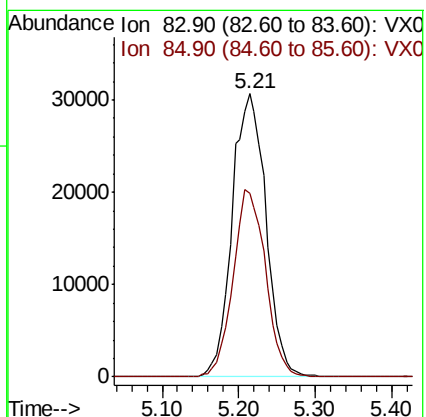
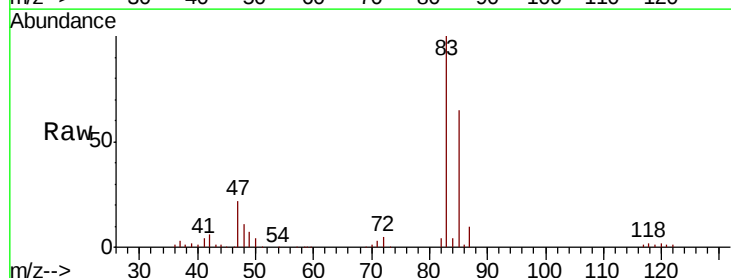
Acq: 15 Oct 2018 11:55

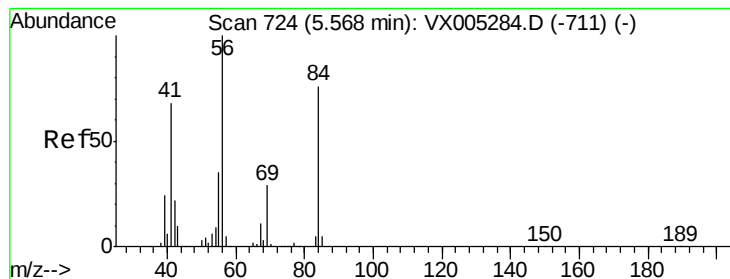
Tgt Ion: 83 Resp: 93704

Ion Ratio Lower Upper

83 100

85 64.8 52.6 79.0





#31

Cyclohexane

Concen: 18.809 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.01 min

Lab File: VX005336.D

Acq: 15 Oct 2018 11:55

Instrument :
MSVOA_X
ClientSampleId :

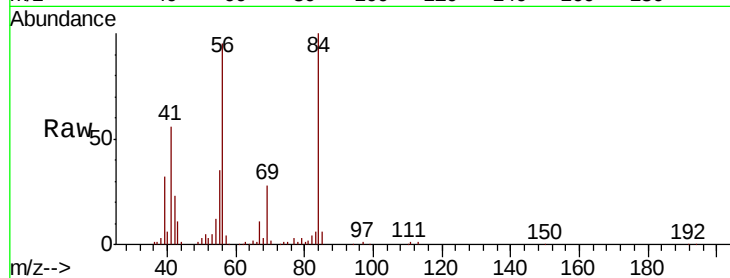
Tot Ion: 56 Resp: 77626

Ion Ratio Lower Upper

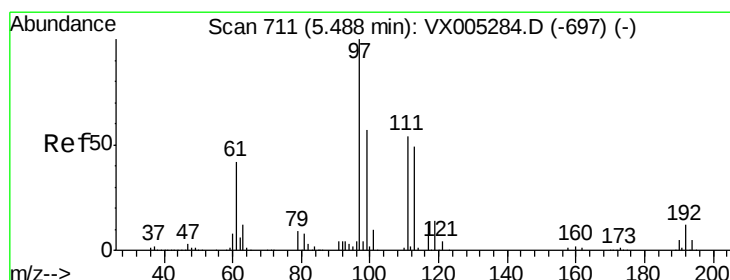
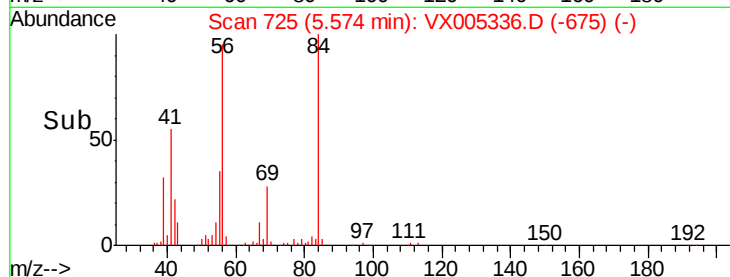
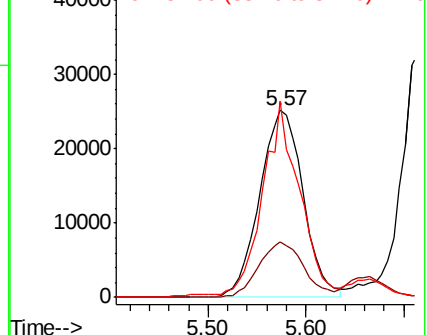
56 100

69 29.9 25.4 38.2

84 103.7 71.4 107.2



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: 19.766 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.01 min

Lab File: VX005336.D

Acq: 15 Oct 2018 11:55

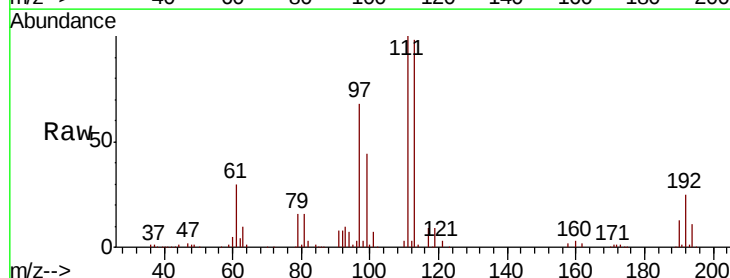
Tgt Ion: 97 Resp: 79935

Ion Ratio Lower Upper

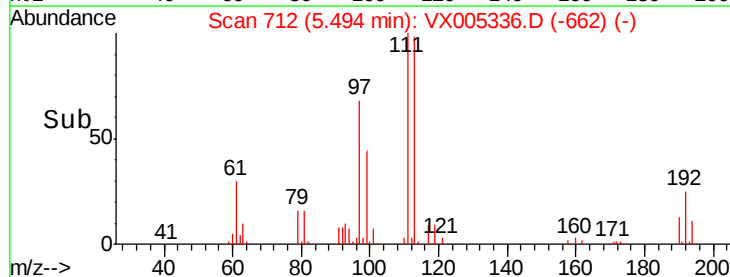
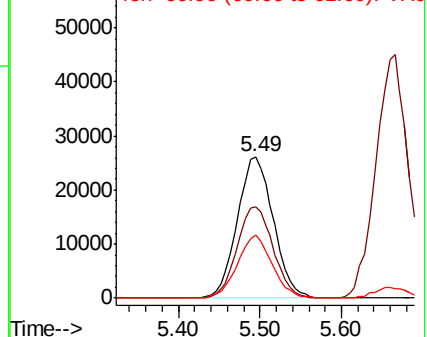
97 100

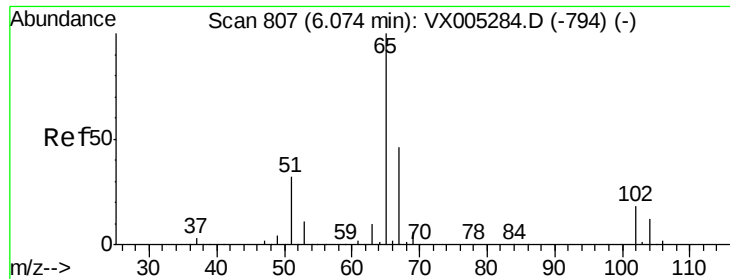
99 64.9 52.0 78.0

61 43.1 34.9 52.3



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

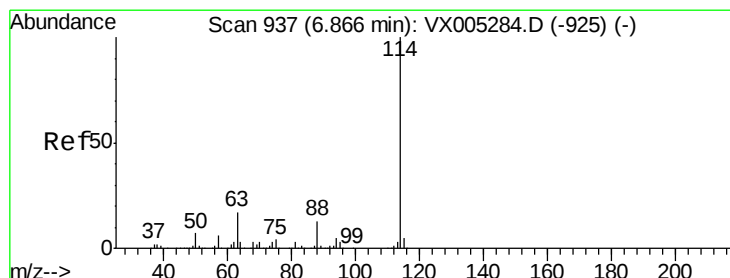
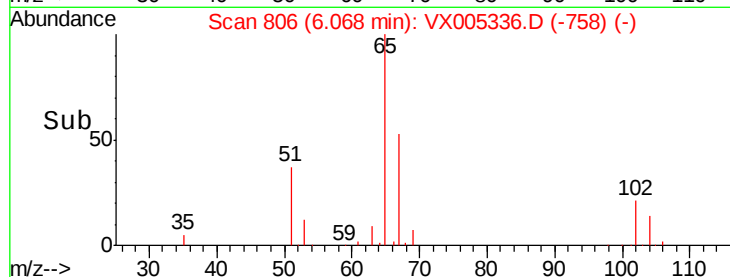
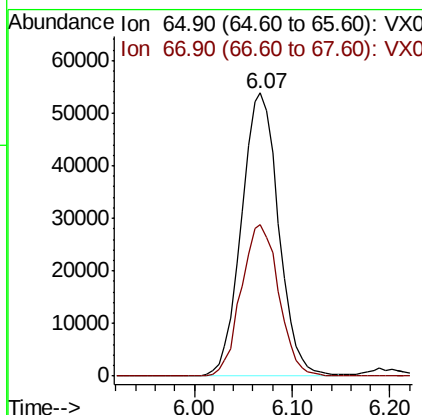
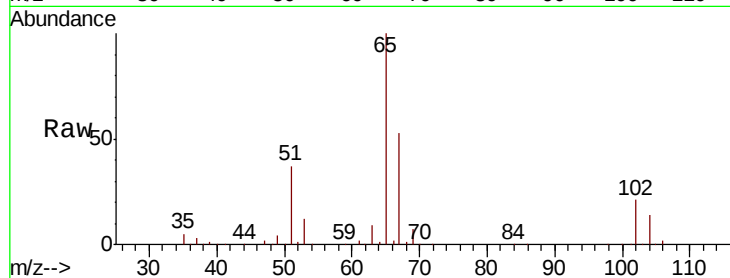




#33
 1,2-Dichloroethane-d4
 Concen: 47.194 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: VX005336.D
 Acq: 15 Oct 2018 11:55

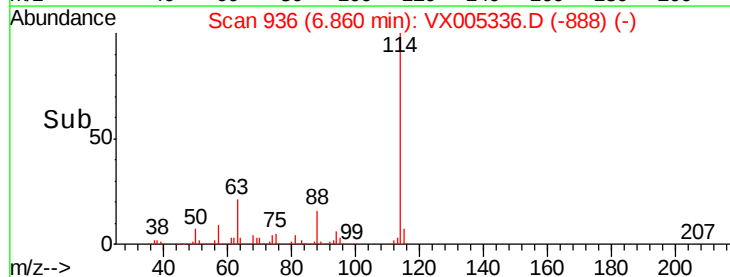
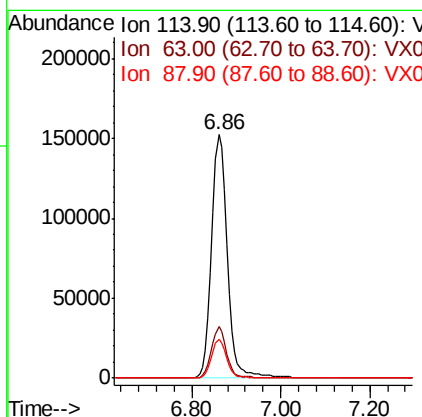
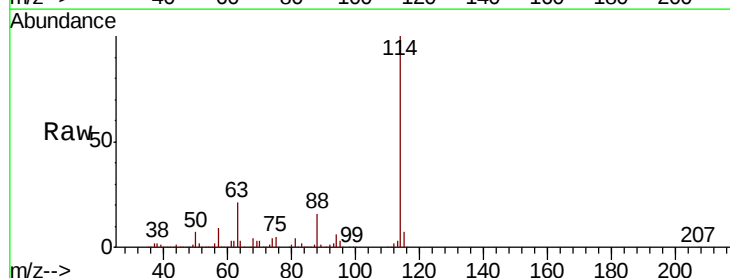
Instrument :
 MSVOA_X
 ClientSampleId :

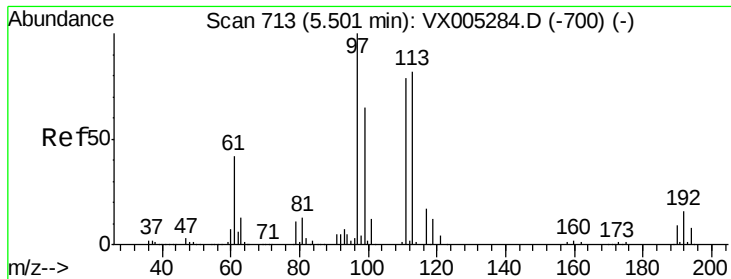
Tot Ion: 65 Resp: 141694
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: VX005336.D
 Acq: 15 Oct 2018 11:55

Tgt Ion: 114 Resp: 374728
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 39.0
 88 15.8 0.0 30.4

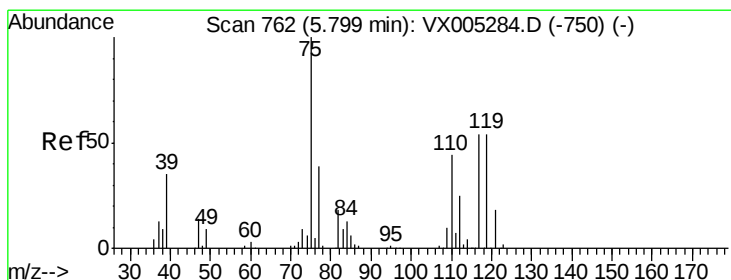
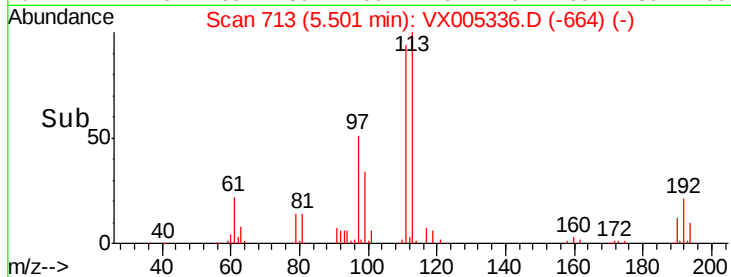
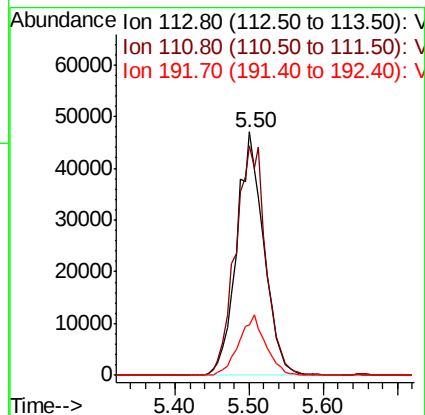
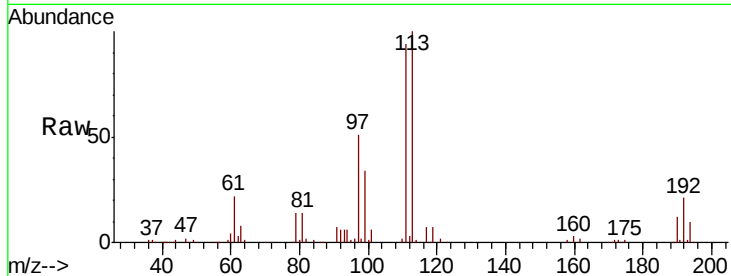




#35
 Dibromofluoromethane
 Concen: 48.607 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX005336.D
 Acq: 15 Oct 2018 11:55

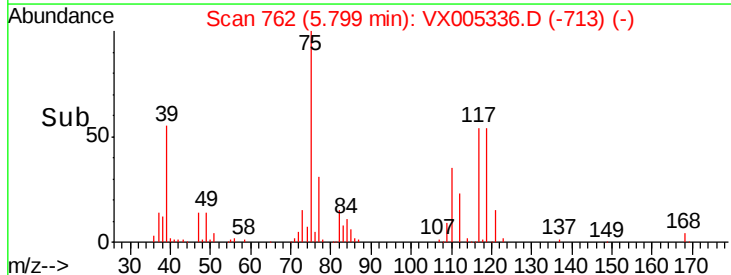
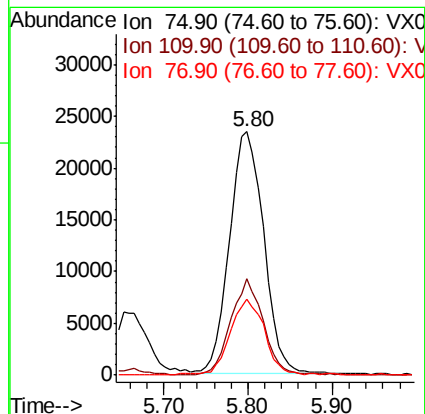
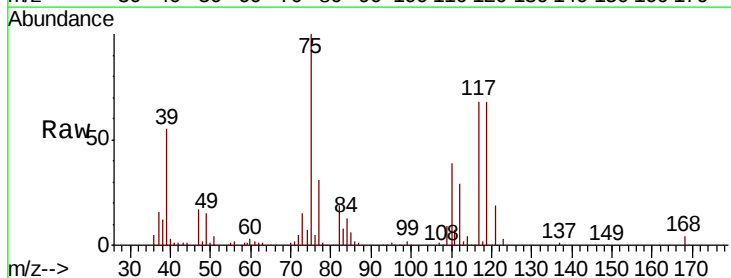
Instrument :
 MSVOA_X
 ClientSampleId :

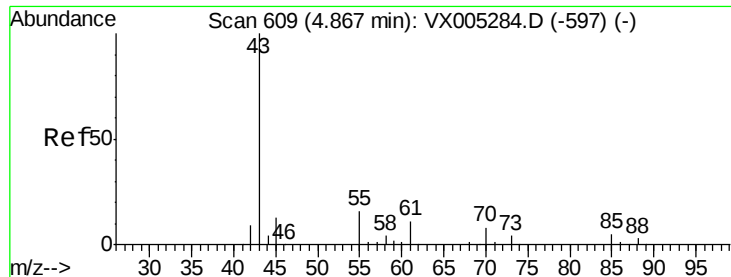
Tot Ion:113 Resp: 120639
 Ion Ratio Lower Upper
 113 100
 111 105.2 82.4 123.6
 192 24.4 19.4 29.2



#36
 1,1-Dichloropropene
 Concen: 17.824 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX005336.D
 Acq: 15 Oct 2018 11:55

Tgt Ion: 75 Resp: 64686
 Ion Ratio Lower Upper
 75 100
 110 37.5 18.0 54.0
 77 30.3 24.6 36.8

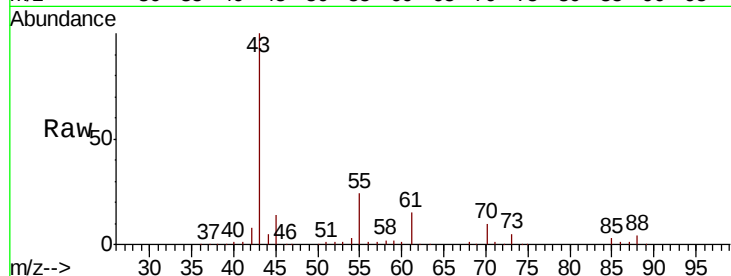




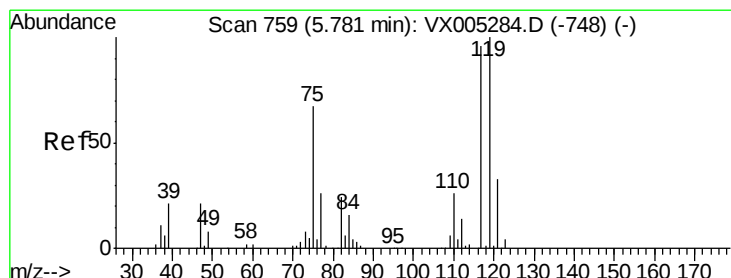
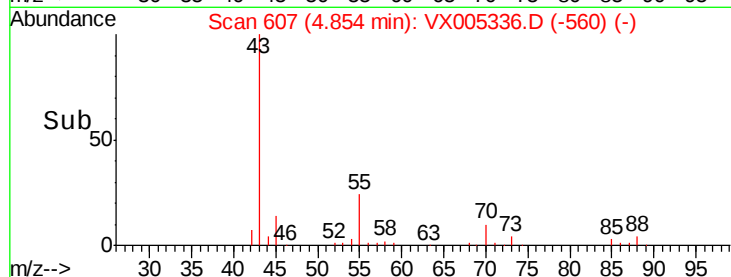
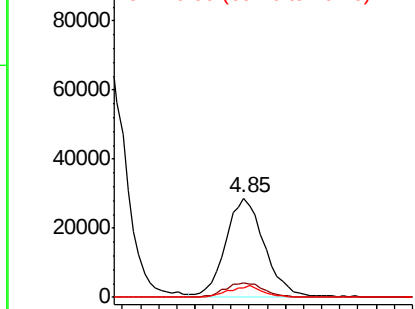
#37
Ethyl Acetate
Concen: 18.021 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX005336.D
Acq: 15 Oct 2018 11:55

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 84109
Ion Ratio Lower Upper
43 100
61 15.0 11.5 17.3
70 10.6 9.0 13.6

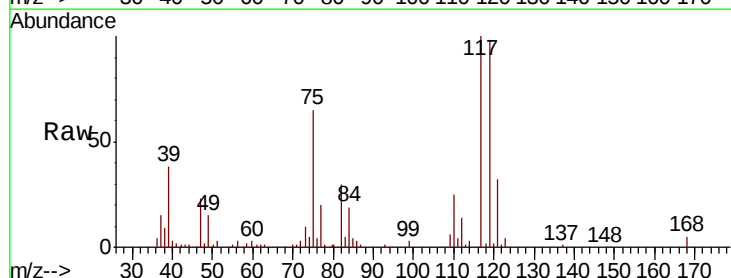


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

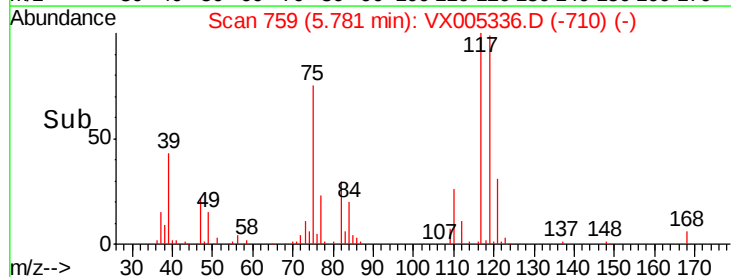
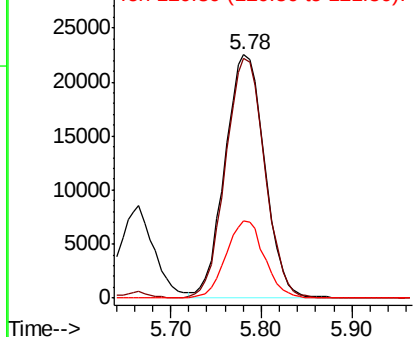


#38
Carbon Tetrachloride
Concen: 18.849 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX005336.D
Acq: 15 Oct 2018 11:55

Tgt Ion: 117 Resp: 68733
Ion Ratio Lower Upper
117 100
119 98.3 78.8 118.2
121 31.8 24.9 37.3



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

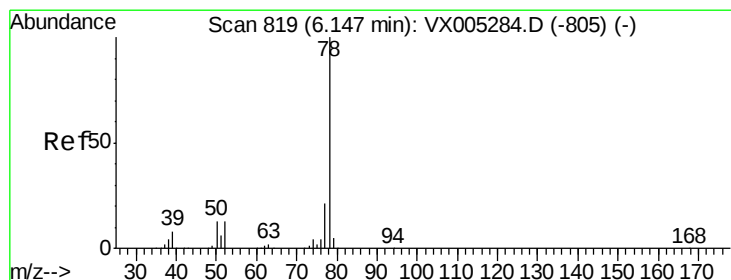
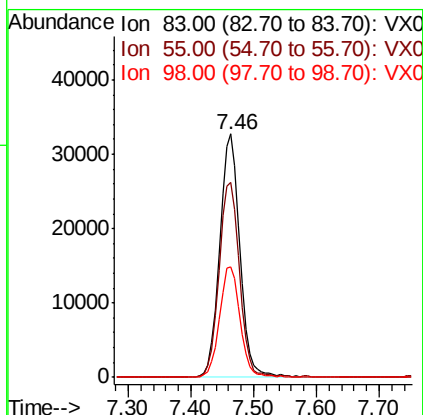
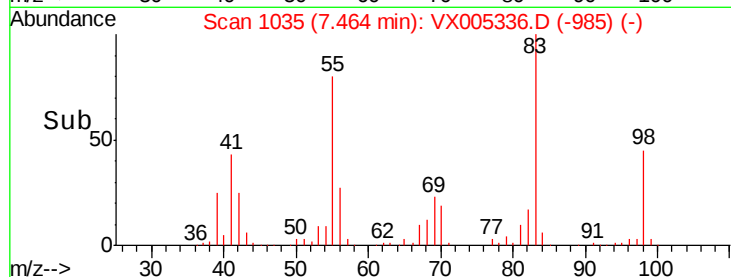
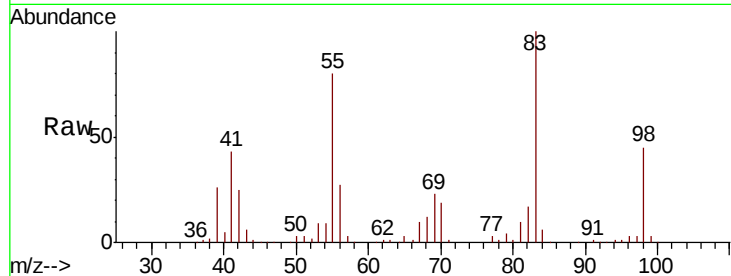




#39
Methvlcvclohexane
Concen: 18.574 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX005336.D
Acq: 15 Oct 2018 11:55

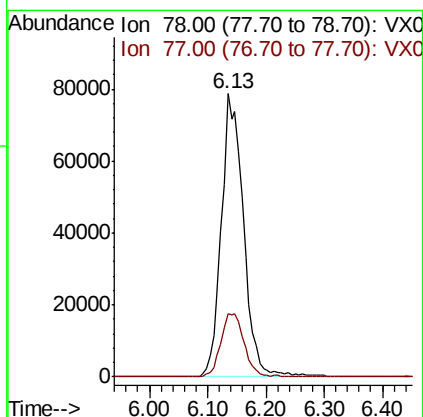
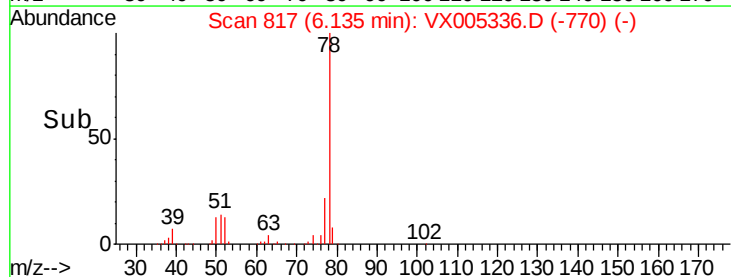
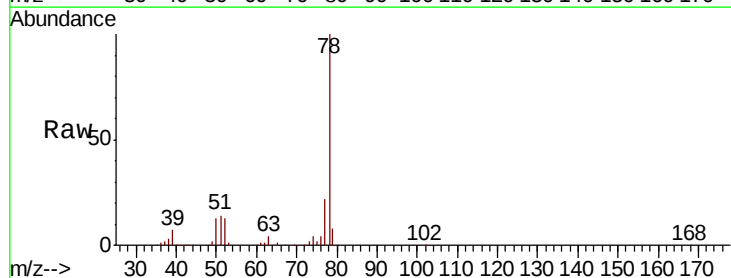
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 72956
Ion Ratio Lower Upper
83 100
55 80.2 61.0 91.4
98 45.3 39.6 59.4



#40
Benzene
Concen: 19.096 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX005336.D
Acq: 15 Oct 2018 11:55

Tgt Ion: 78 Resp: 207895
Ion Ratio Lower Upper
78 100
77 22.5 19.0 28.4

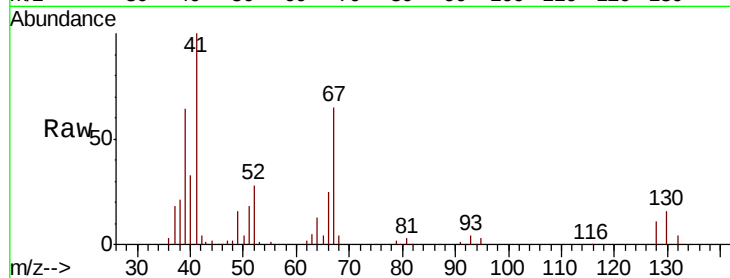




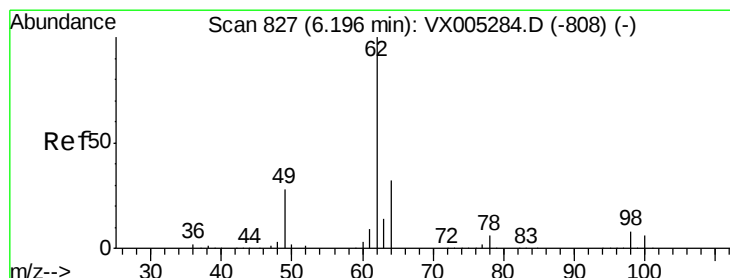
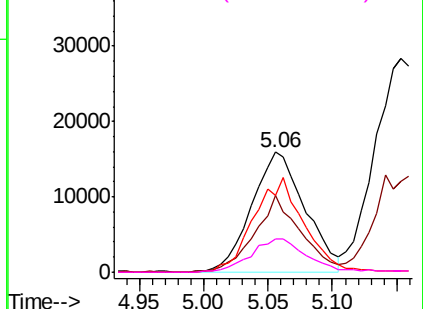
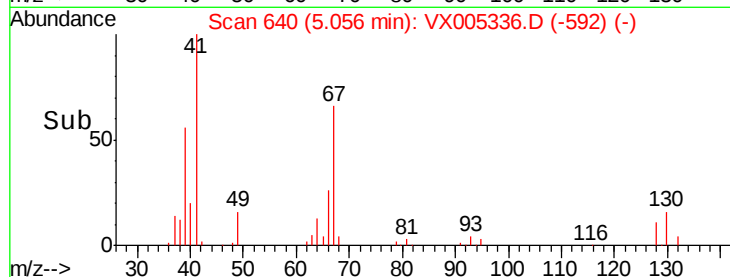
#41
Methacrylonitrile
Concen: 18.358 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX005336.D
Acq: 15 Oct 2018 11:55

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	45935
Ion	Ratio	Lower	Upper
41	100		
39	54.4	42.4	63.6
67	74.0	59.2	88.8
52	29.8	23.0	34.4

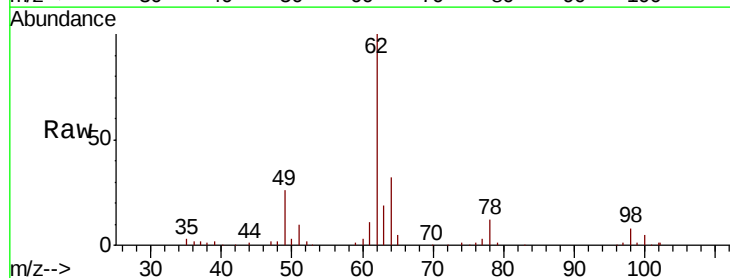


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

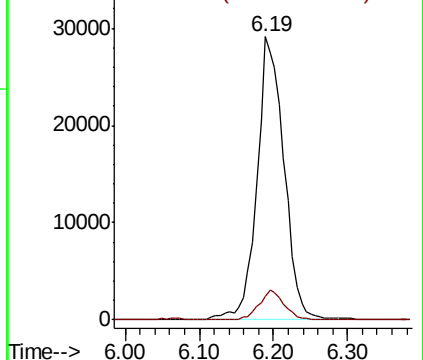
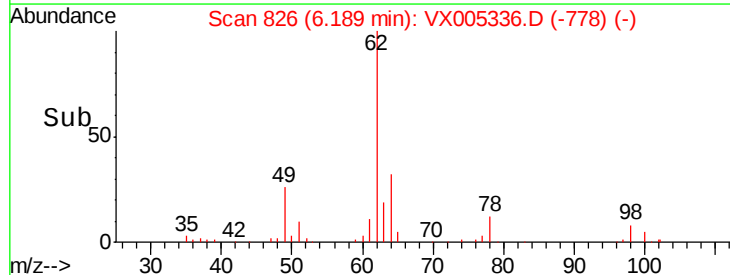


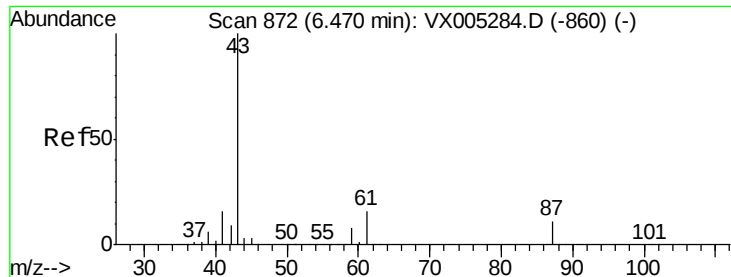
#42
1,2-Dichloroethane
Concen: 19.018 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX005336.D
Acq: 15 Oct 2018 11:55

Tgt Ion:	62	Resp:	73108
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	20.6



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.739 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.01 min

Lab File: VX005336.D

Acq: 15 Oct 2018 11:55

Instrument :

MSVOA_X

ClientSampleId :

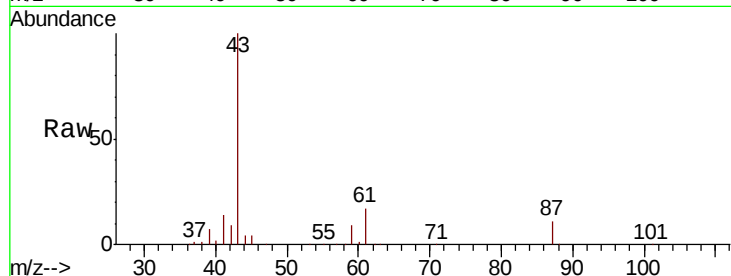
Tot Ion: 43 Resp: 122723

Ion Ratio Lower Upper

43 100

61 19.9 17.0 25.4

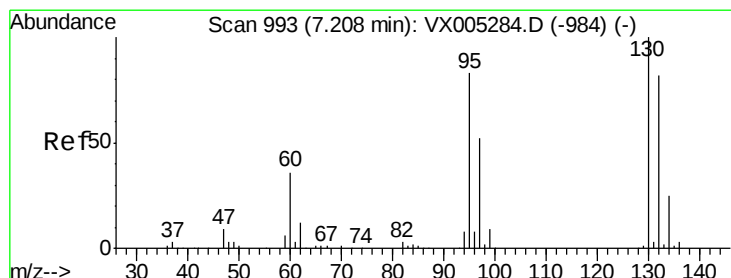
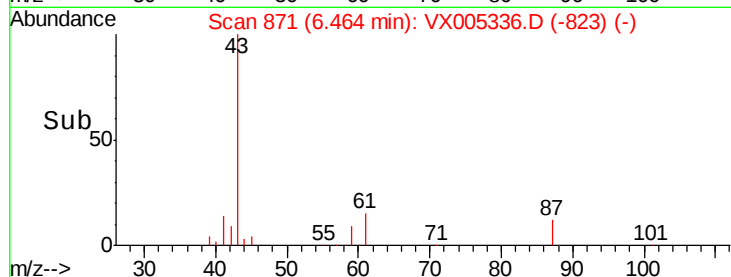
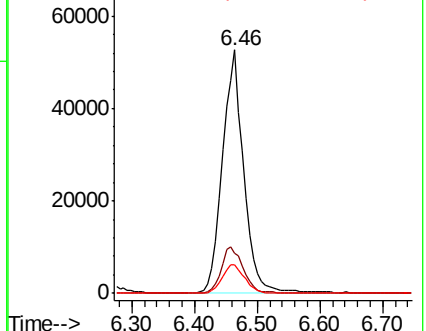
87 12.6 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 19.400 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.01 min

Lab File: VX005336.D

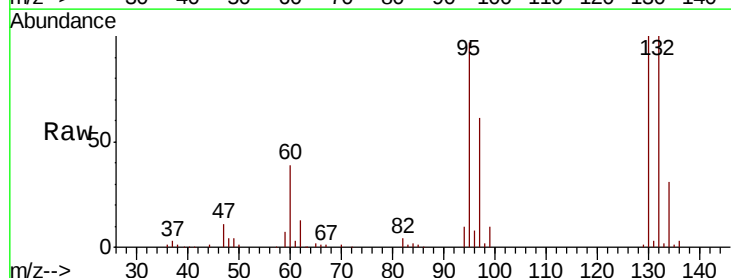
Acq: 15 Oct 2018 11:55

Tgt Ion:130 Resp: 54986

Ion Ratio Lower Upper

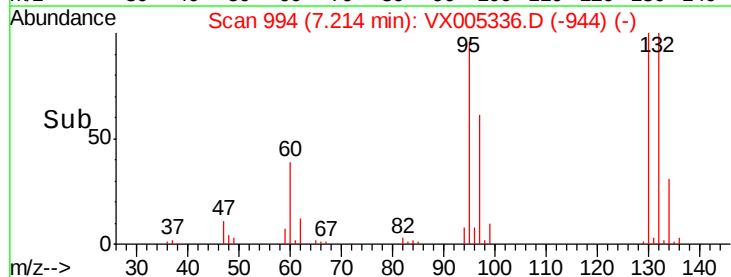
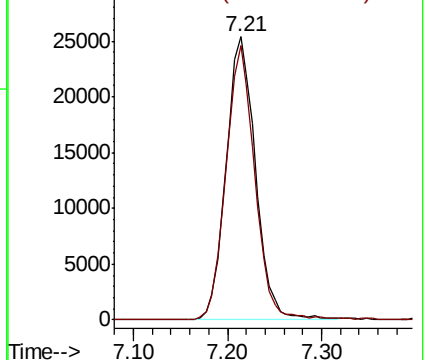
130 100

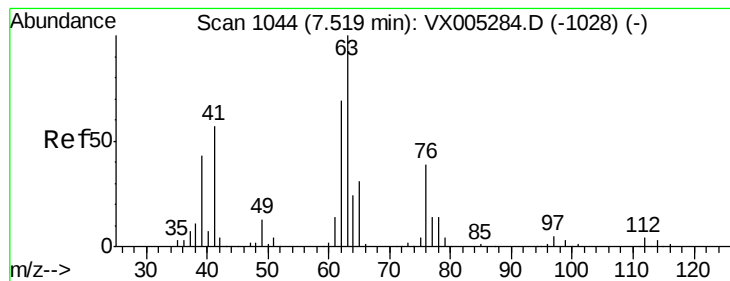
95 96.9 0.0 181.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 19.734 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX005336.D

Acq: 15 Oct 2018 11:55

Instrument :

MSVOA_X

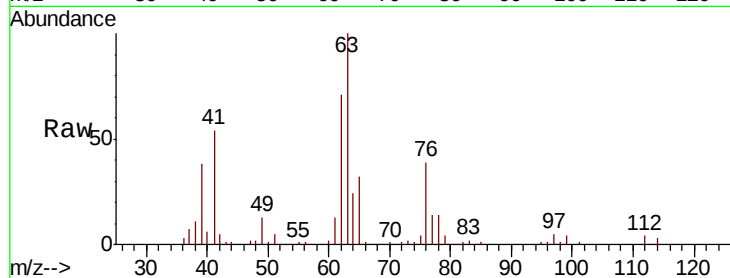
ClientSampleId :

Tot Ion: 63 Resp: 52700

Ion Ratio Lower Upper

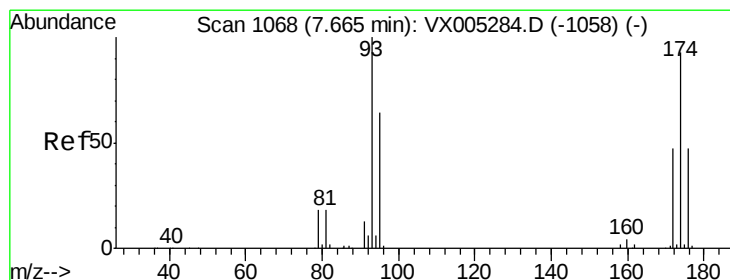
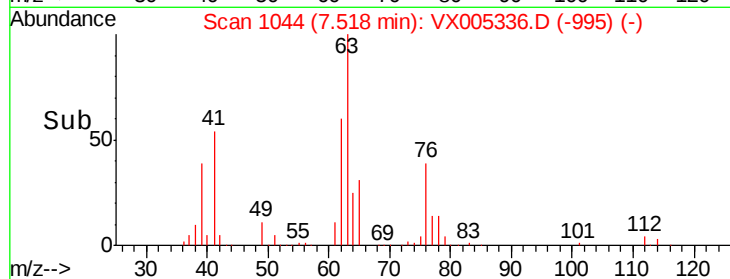
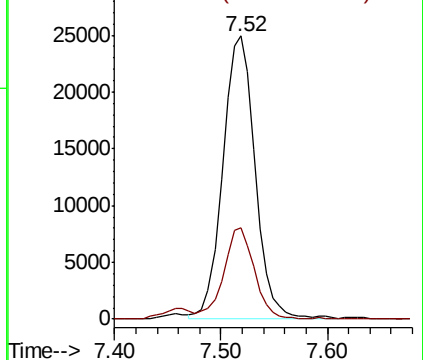
63 100

65 32.2 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.605 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VX005336.D

Acq: 15 Oct 2018 11:55

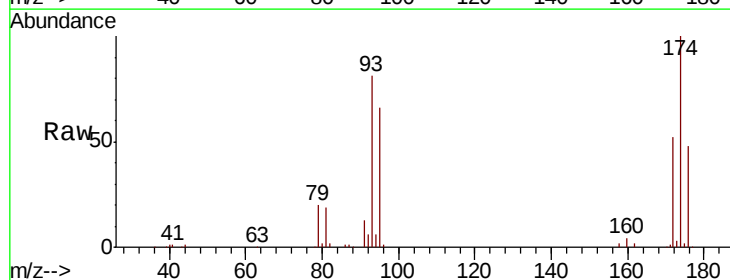
Tgt Ion: 93 Resp: 34555

Ion Ratio Lower Upper

93 100

95 81.4 65.5 98.3

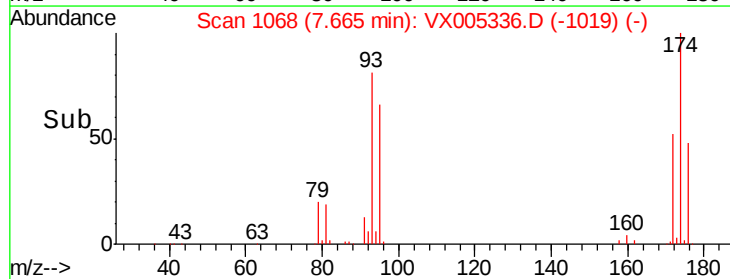
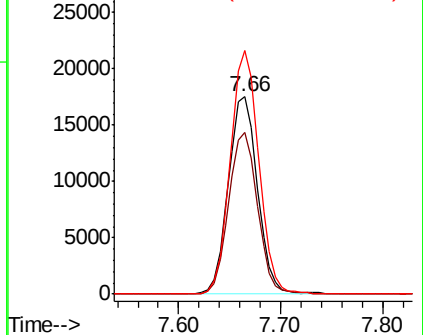
174 120.4 94.2 141.4

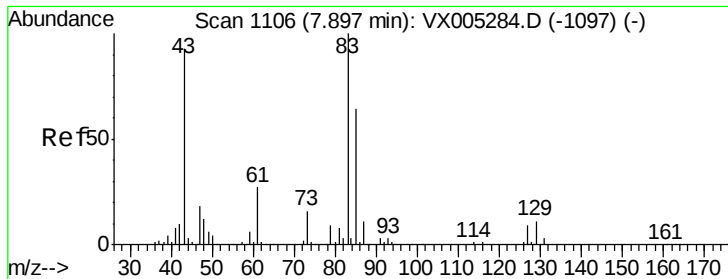


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.051 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX005336.D

Acq: 15 Oct 2018 11:55

Instrument :
MSVOA_X
ClientSampleId :

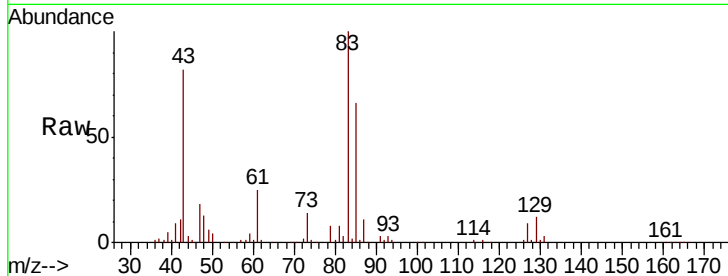
Tot Ion: 83 Resp: 65372

Ion Ratio Lower Upper

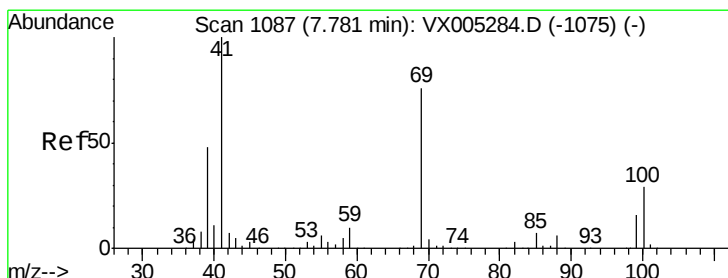
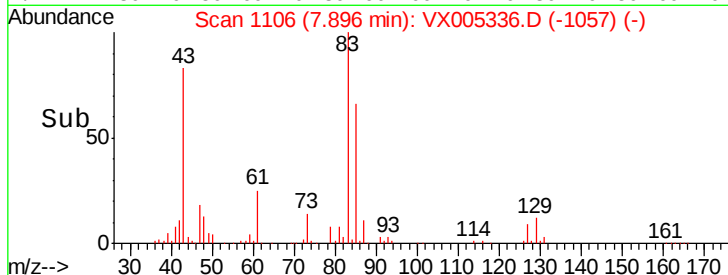
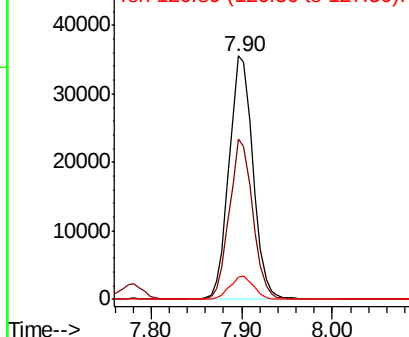
83 100

85 65.8 50.9 76.3

127 9.0 7.3 10.9



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



#48

Methyl methacrylate

Concen: 19.192 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX005336.D

Acq: 15 Oct 2018 11:55

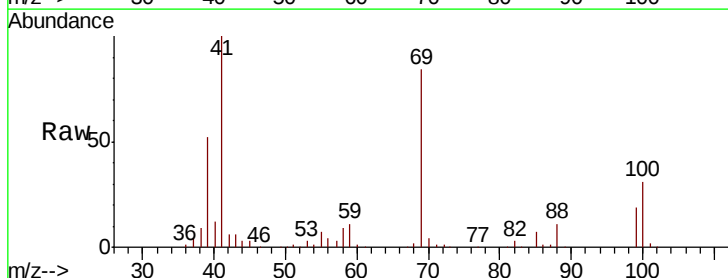
Tgt Ion: 41 Resp: 61887

Ion Ratio Lower Upper

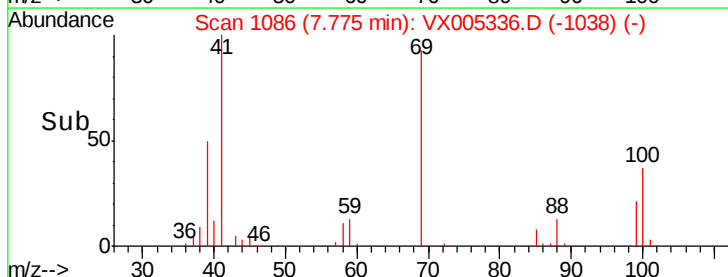
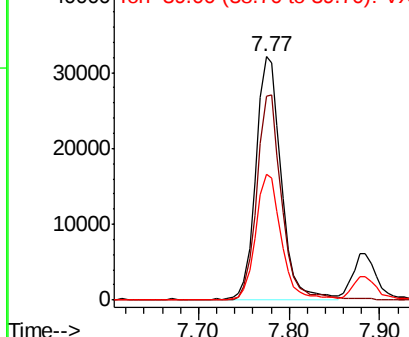
41 100

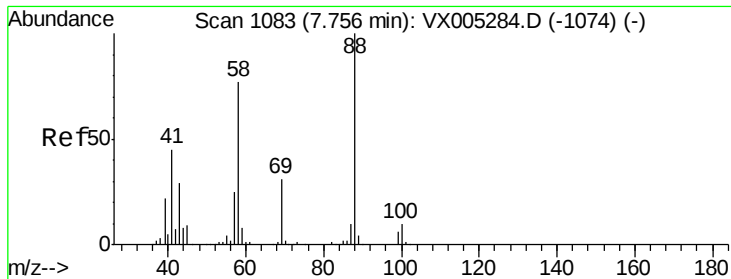
69 83.6 70.2 105.4

39 52.7 42.7 64.1



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

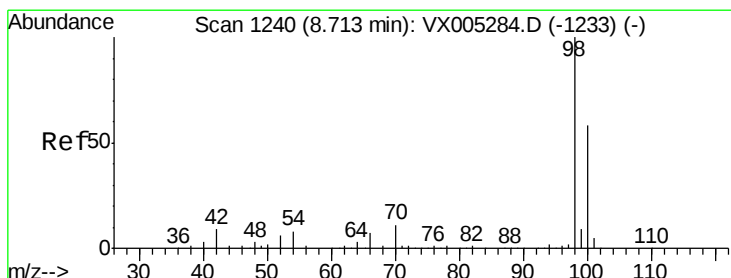
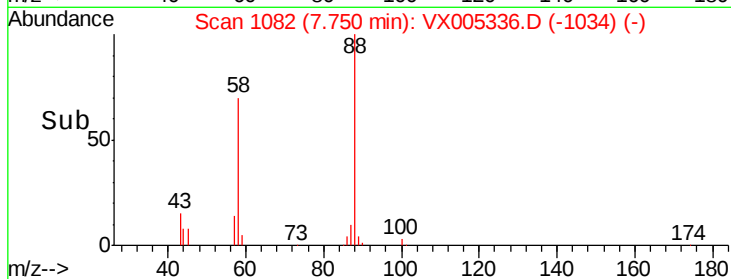
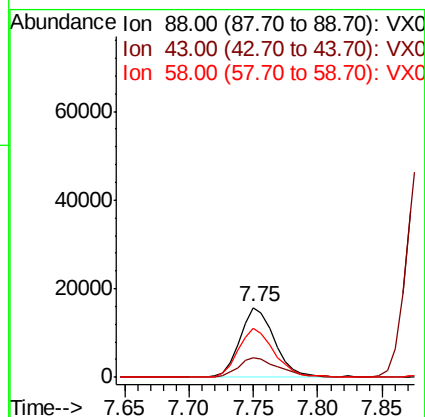
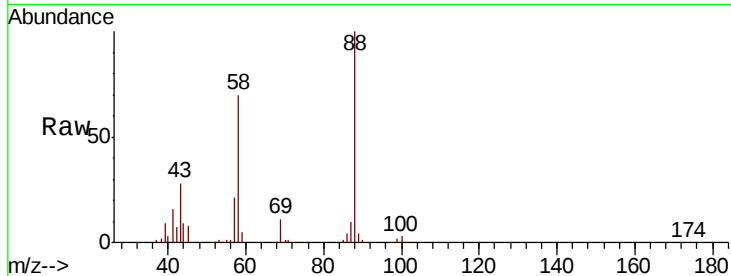




#49
1,4-Dioxane
Concen: 396.253 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX005336.D
Acq: 15 Oct 2018 11:55

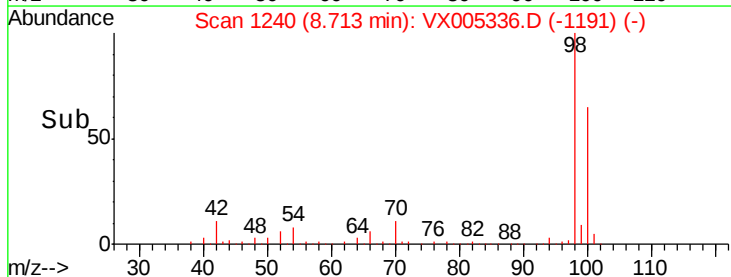
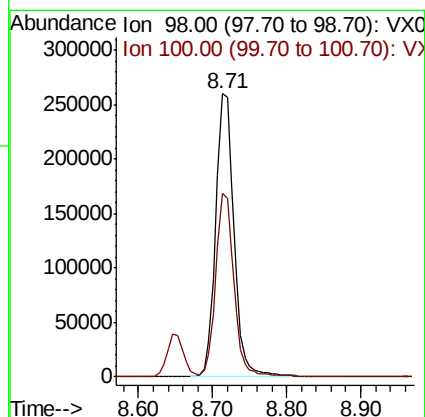
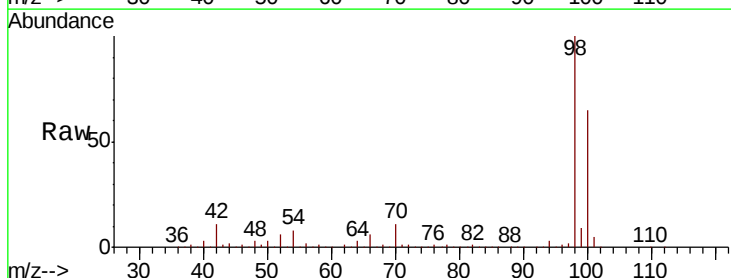
Instrument :
MSVOA_X
ClientSampleId :

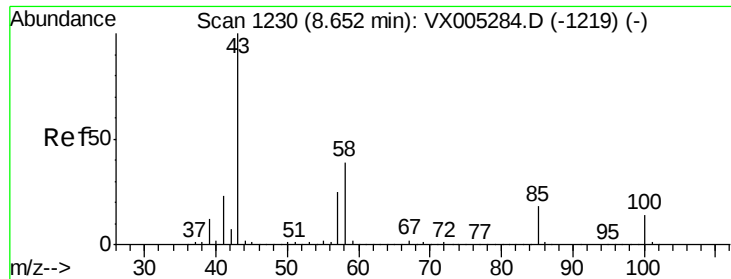
Tot Ion: 88 Resp: 29471
Ion Ratio Lower Upper
88 100
43 31.8 24.7 37.1
58 73.0 55.3 82.9



#50
Toluene-d8
Concen: 51.561 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005336.D
Acq: 15 Oct 2018 11:55

Tgt Ion: 98 Resp: 439332
Ion Ratio Lower Upper
98 100
100 64.6 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 100.349 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.01 min

Lab File: VX005336.D

Acq: 15 Oct 2018 11:55

Instrument :

MSVOA_X

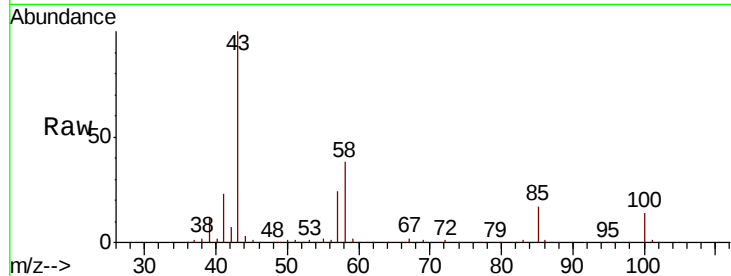
ClientSampleId :

Tot Ion: 43 Resp: 431991

Ion Ratio Lower Upper

43 100

58 37.7 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

300000

250000

200000

150000

100000

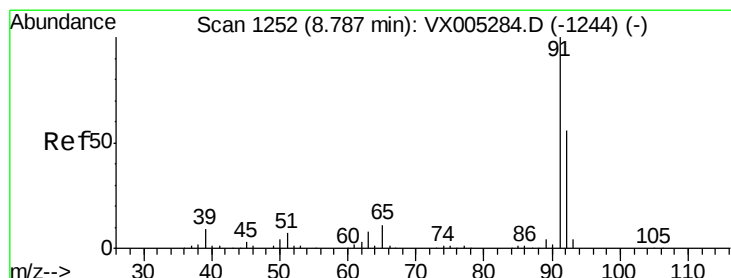
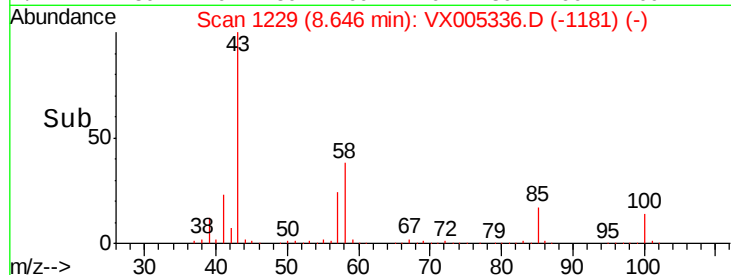
50000

0

8.65

8.60 8.70 8.80

Time-->



#52

Toluene

Concen: 20.909 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005336.D

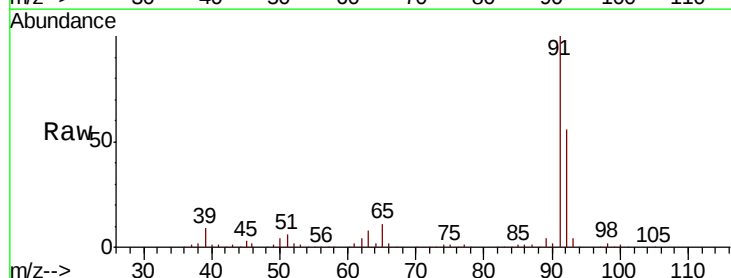
Acq: 15 Oct 2018 11:55

Tgt Ion: 92 Resp: 124534

Ion Ratio Lower Upper

92 100

91 175.4 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

150000

100000

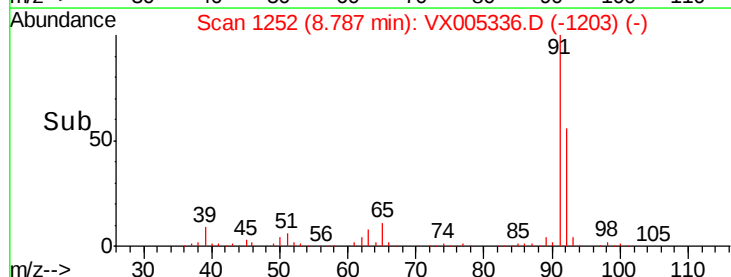
50000

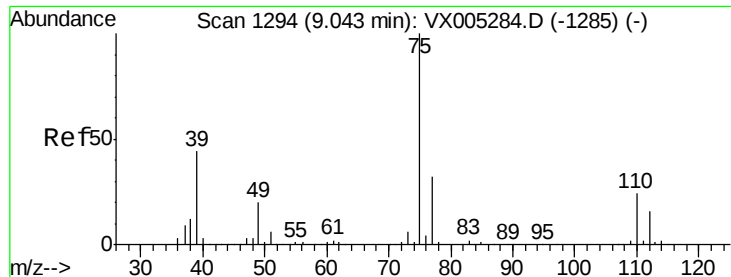
0

8.79

8.70 8.80 8.90

Time-->

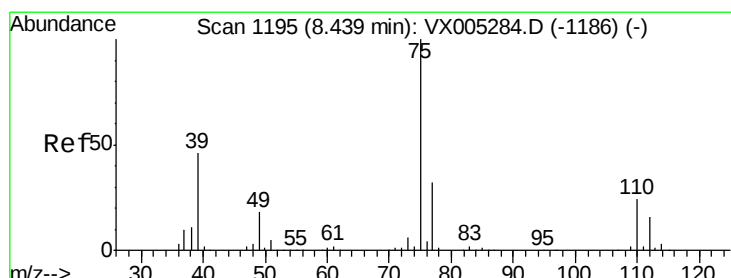
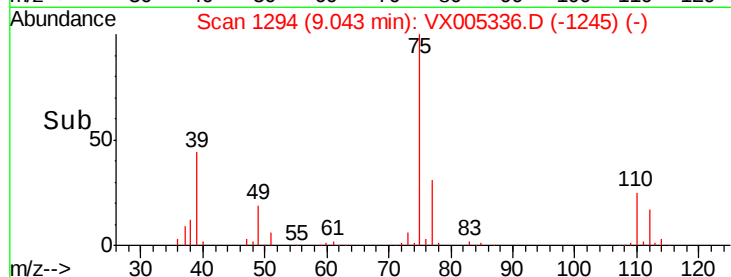
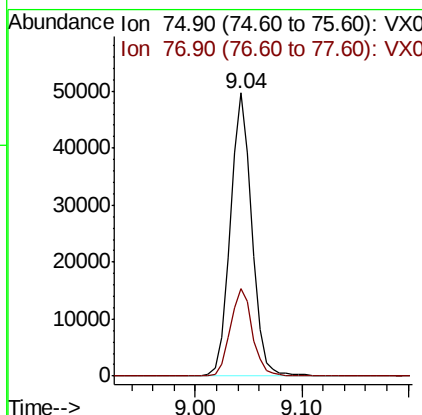
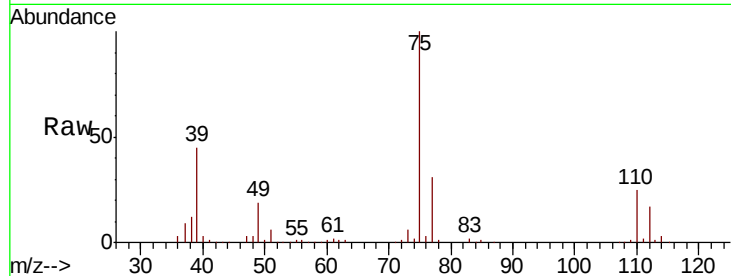




#53
 t-1,3-Dichloropropene
 Concen: 19.990 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX005336.D
 Acq: 15 Oct 2018 11:55

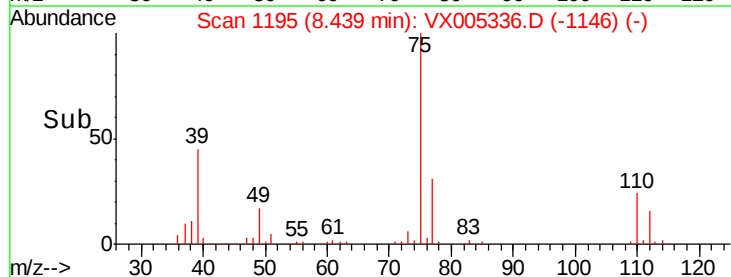
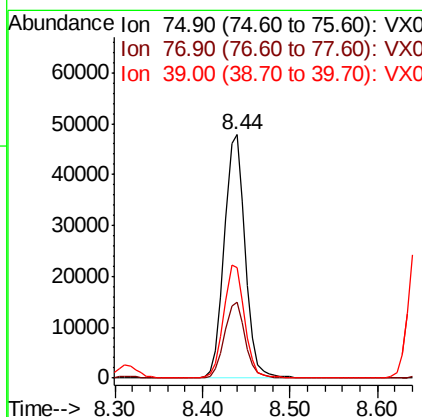
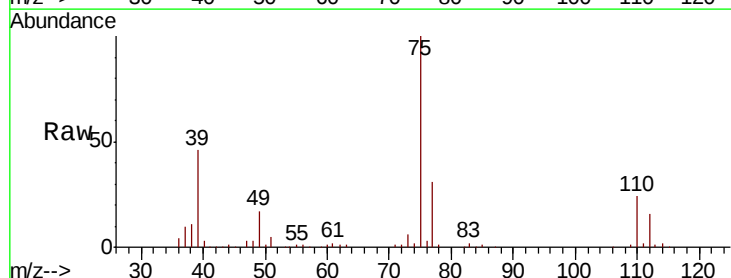
Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 75 Resp: 70532
 Ion Ratio Lower Upper
 75 100
 77 30.7 24.6 37.0



#54
 cis-1,3-Dichloropropene
 Concen: 20.654 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: VX005336.D
 Acq: 15 Oct 2018 11:55

Tgt Ion: 75 Resp: 78960
 Ion Ratio Lower Upper
 75 100
 77 31.3 26.2 39.2
 39 45.4 36.4 54.6

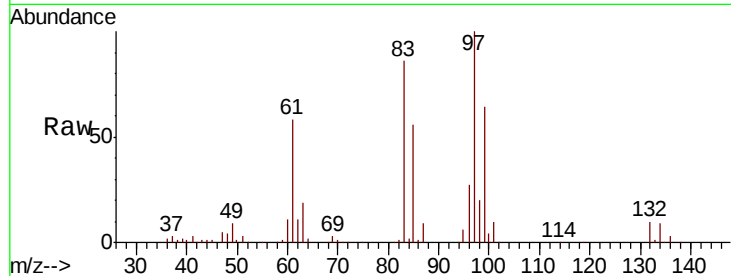




#55
1,1,2-Trichloroethane
Concen: 20.450 ug/l
RT: 9.22 min Scan# 1323
Delta R.T. -0.00 min
Lab File: VX005336.D
Acq: 15 Oct 2018 11:55

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	97	Resp:	51590
Ion	Ratio	Lower	Upper
97	100		
83	86.0	66.4	99.6
85	55.7	43.3	64.9
99	63.8	49.0	73.4



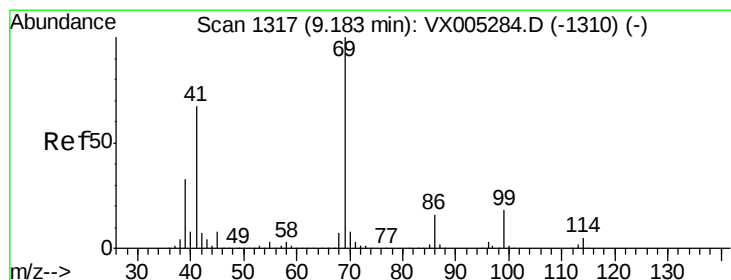
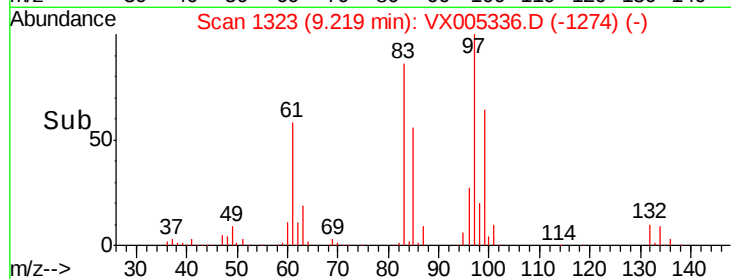
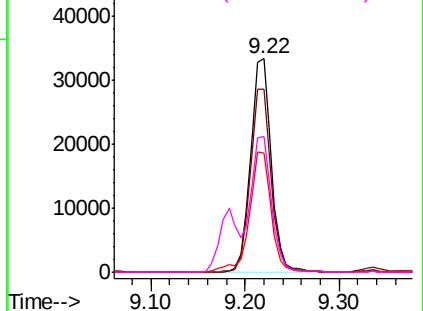
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

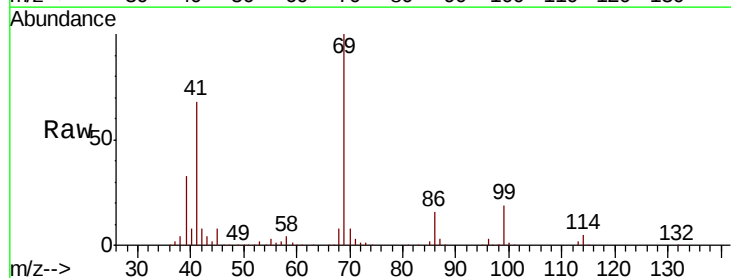
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
Ethyl methacrylate
Concen: 20.113 ug/l
RT: 9.18 min Scan# 1317
Delta R.T. -0.00 min
Lab File: VX005336.D
Acq: 15 Oct 2018 11:55

Tgt Ion:	69	Resp:	73968
Ion	Ratio	Lower	Upper
69	100		
41	68.5	51.0	76.4
39	33.5	26.1	39.1

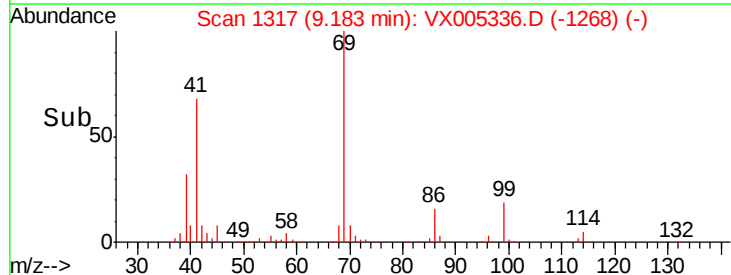
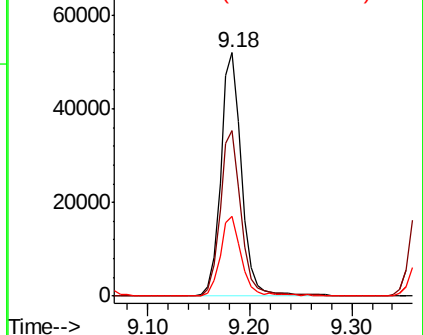


Abundance

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: 20.299 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX005336.D

Acq: 15 Oct 2018 11:55

Instrument :

MSVOA_X

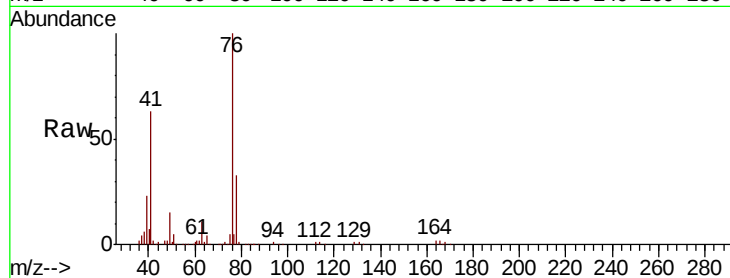
ClientSampleId :

Tot Ion: 76 Resp: 85471

Ion Ratio Lower Upper

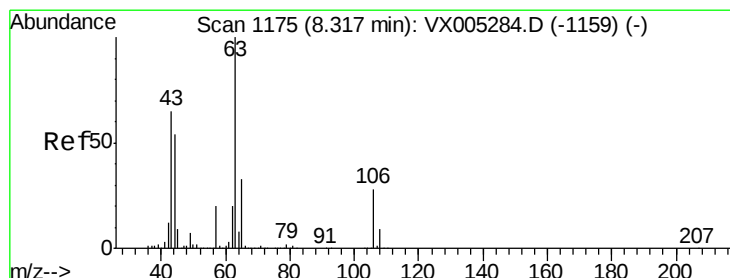
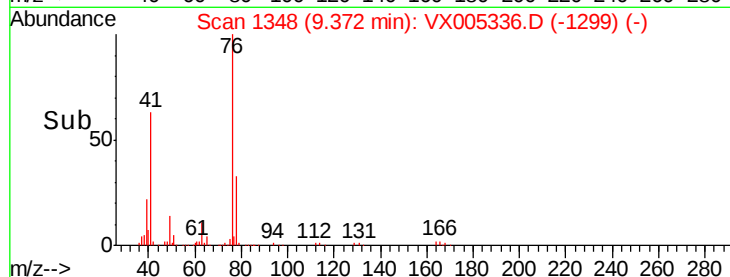
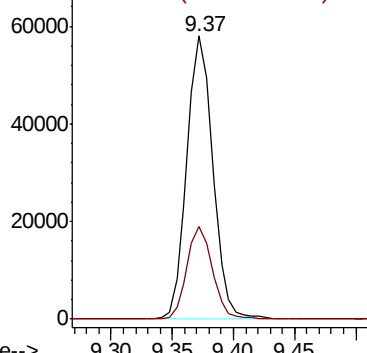
76 100

78 32.2 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 102.455 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.01 min

Lab File: VX005336.D

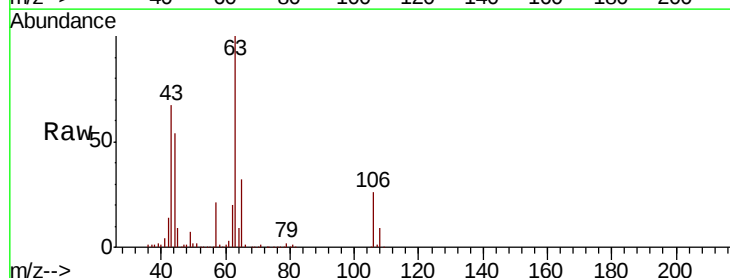
Acq: 15 Oct 2018 11:55

Tgt Ion: 63 Resp: 211315

Ion Ratio Lower Upper

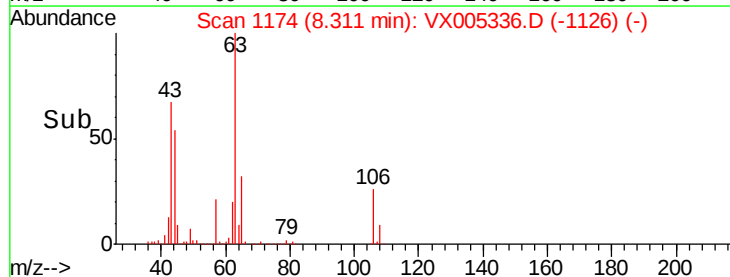
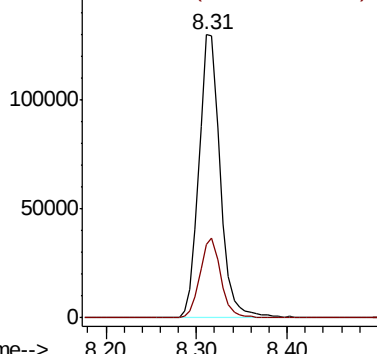
63 100

106 27.5 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

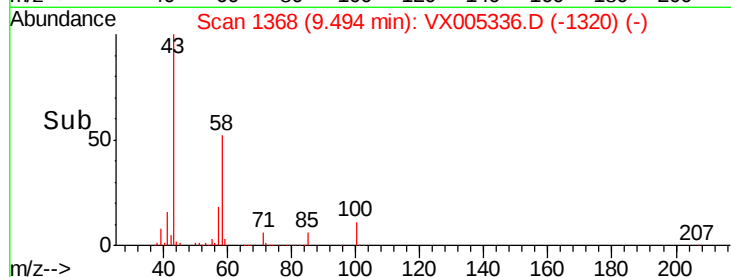
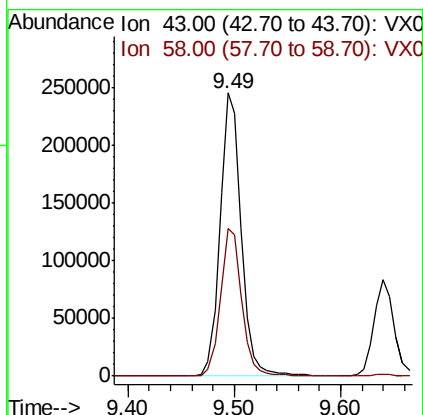
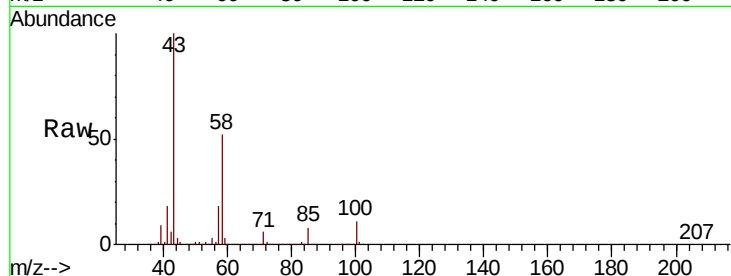




#59
2-Hexanone
Concen: 97.960 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX005336.D
Acq: 15 Oct 2018 11:55

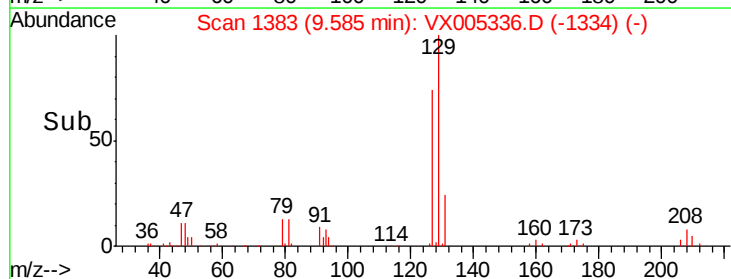
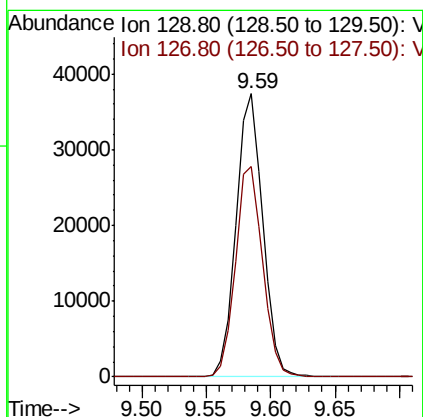
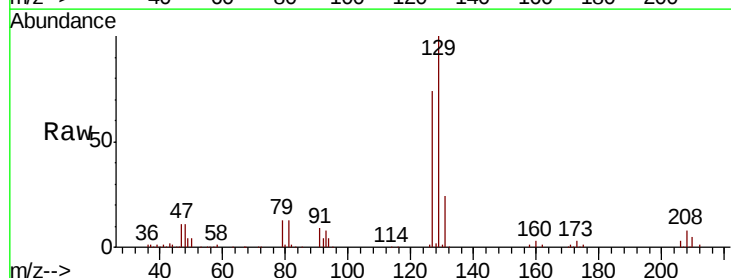
Instrument :
MSVOA_X
ClientSampleId :

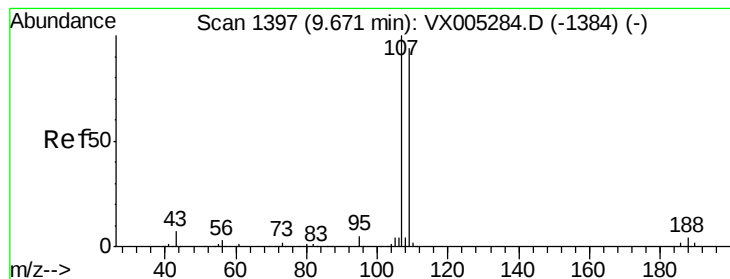
Tot Ion: 43 Resp: 339224
Ion Ratio Lower Upper
43 100
58 52.8 29.0 87.0



#60
Dibromochloromethane
Concen: 20.676 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005336.D
Acq: 15 Oct 2018 11:55

Tgt Ion:129 Resp: 53916
Ion Ratio Lower Upper
129 100
127 75.9 38.5 115.5





#61

1,2-Dibromoethane

Concen: 20.428 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX005336.D

Acq: 15 Oct 2018 11:55

Instrument :

MSVOA_X

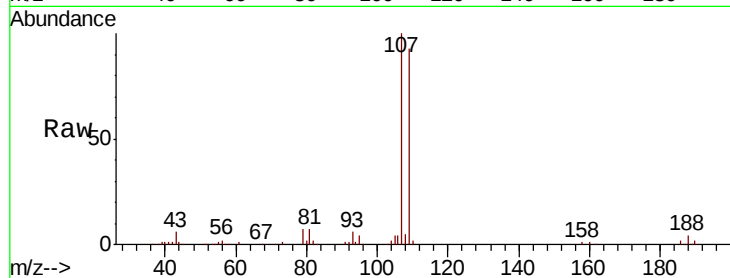
ClientSampleId :

Tot Ion:107 Resp: 54084

Ion Ratio Lower Upper

107 100

109 94.2 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

40000

30000

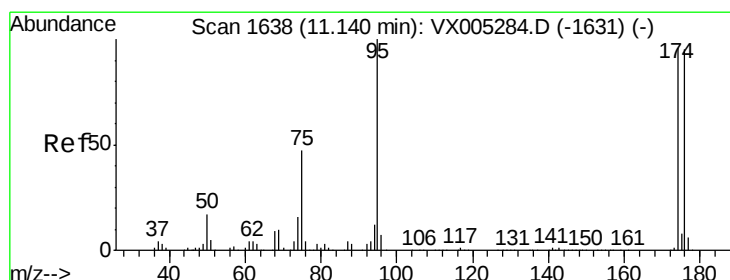
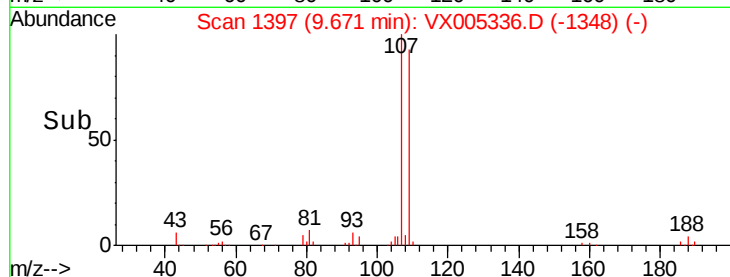
20000

10000

0

Time-->

9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 50.253 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005336.D

Acq: 15 Oct 2018 11:55

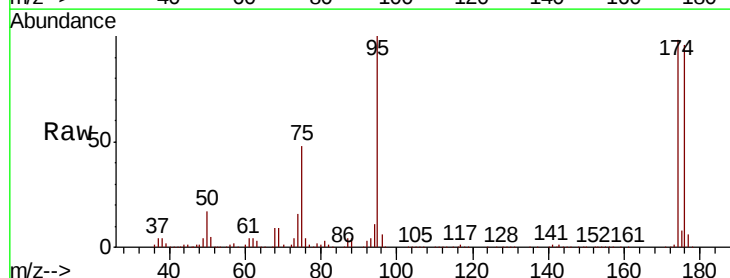
Tgt Ion: 95 Resp: 160853

Ion Ratio Lower Upper

95 100

174 95.0 0.0 185.2

176 93.0 0.0 178.6



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

11.14

150000

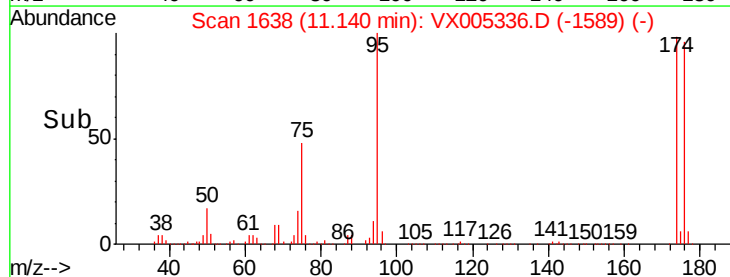
100000

50000

0

Time-->

11.10 11.20

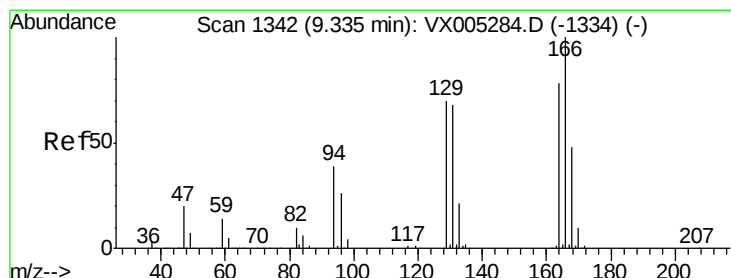
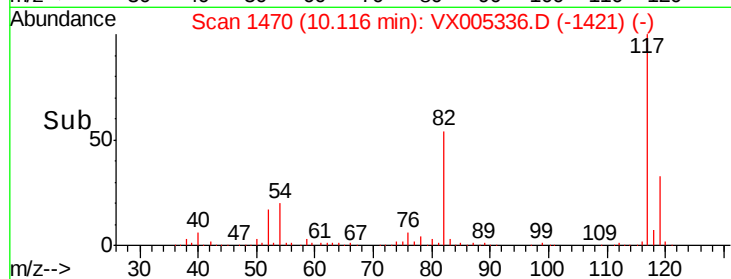
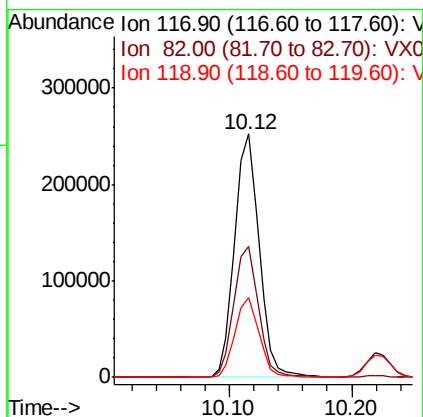
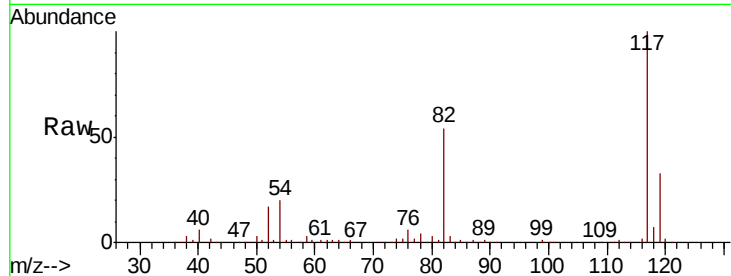




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005336.D
Acq: 15 Oct 2018 11:55

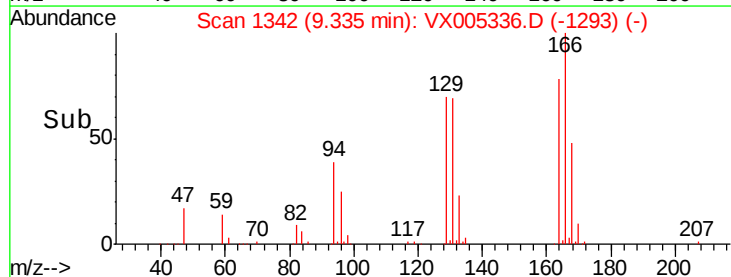
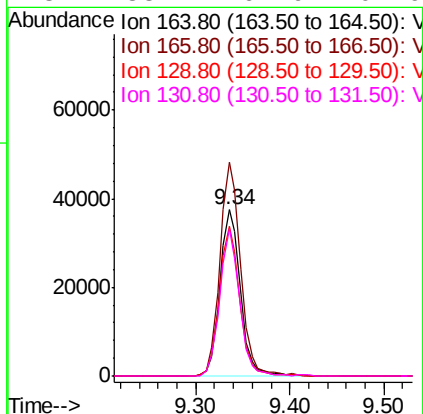
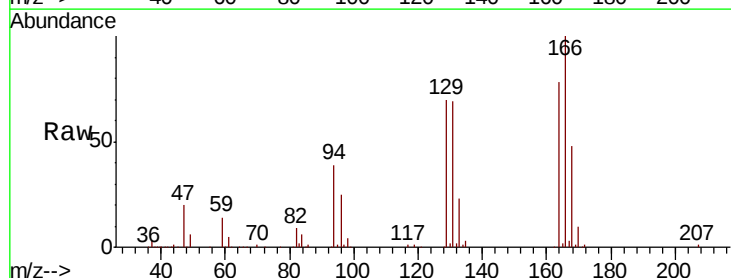
Instrument :
MSVOA_X
ClientSampleId :

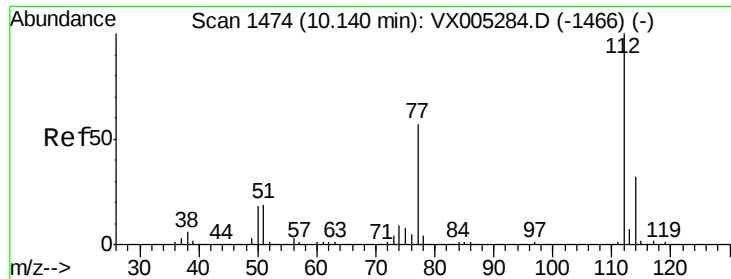
Tot Ion:117 Resp: 351967
Ion Ratio Lower Upper
117 100
82 53.8 47.8 71.6
119 32.9 29.3 43.9



#64
Tetrachloroethene
Concen: 19.965 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005336.D
Acq: 15 Oct 2018 11:55

Tgt Ion:164 Resp: 56570
Ion Ratio Lower Upper
164 100
166 128.5 102.8 154.2
129 89.8 69.4 104.0
131 88.7 67.9 101.9





#65

Chlorobenzene

Concen: 18.956 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX005336.D

Acq: 15 Oct 2018 11:55

Instrument :

MSVOA_X

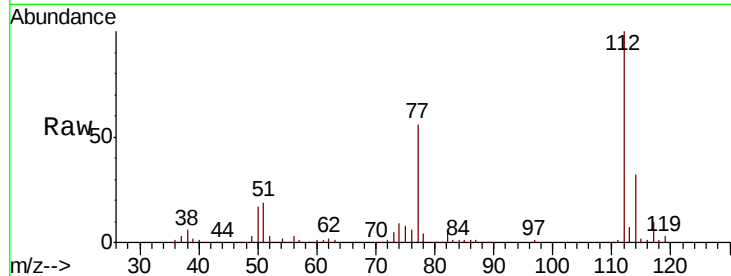
ClientSampled :

Tot Ion:112 Resp: 141922

Ion Ratio Lower Upper

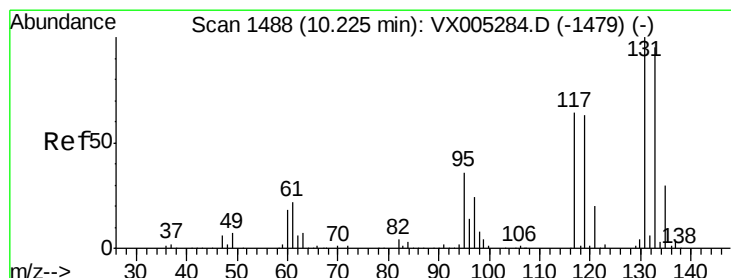
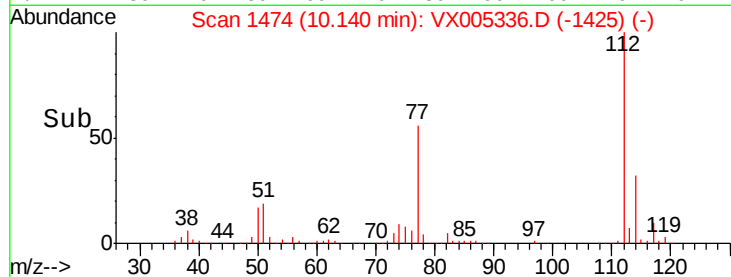
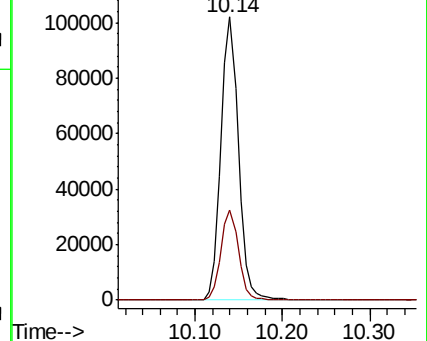
112 100

114 31.7 27.8 41.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.238 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.01 min

Lab File: VX005336.D

Acq: 15 Oct 2018 11:55

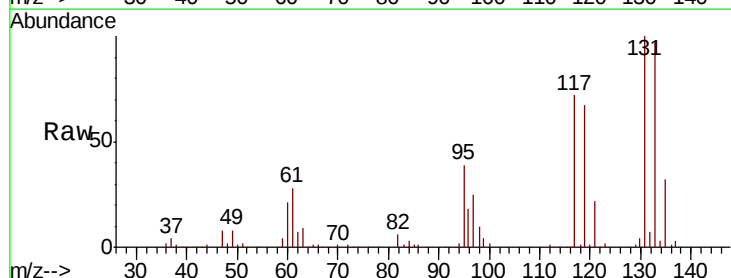
Tgt Ion:131 Resp: 51327

Ion Ratio Lower Upper

131 100

133 96.0 48.1 144.4

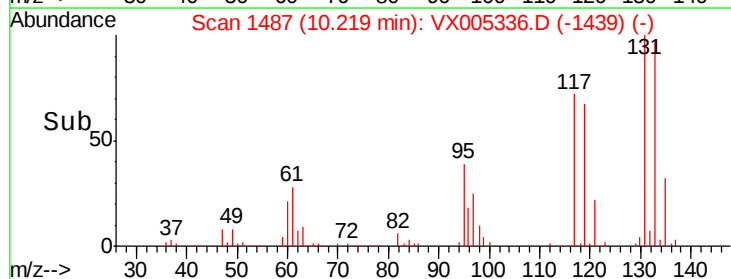
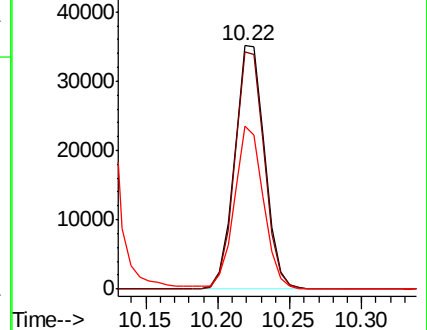
119 65.1 32.9 98.6

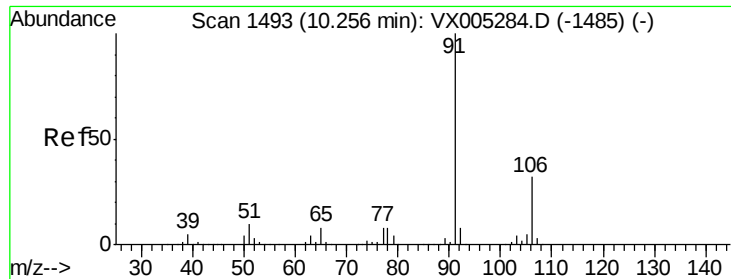


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

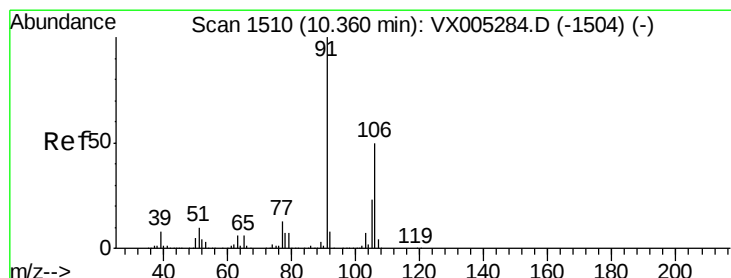
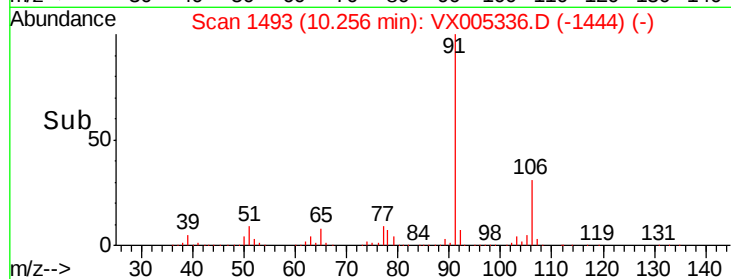
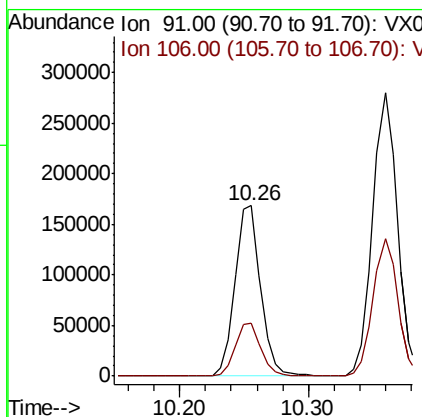
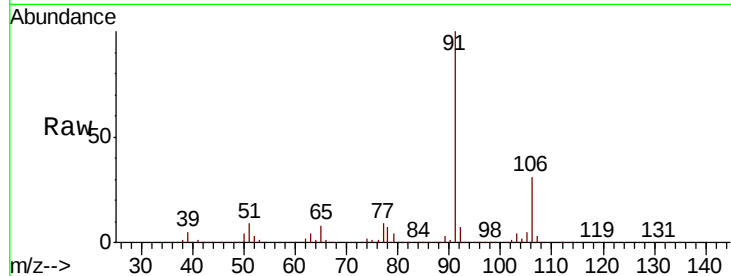




#67
Ethyl Benzene
Concen: 19.257 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VX005336.D
Acq: 15 Oct 2018 11:55

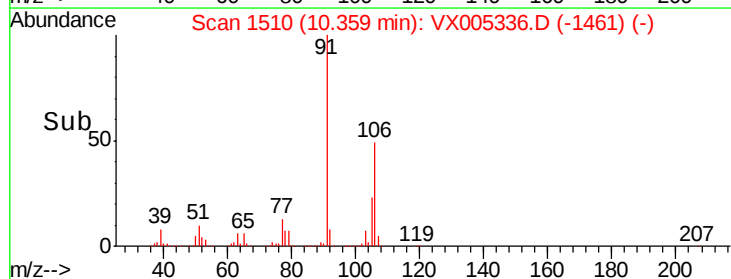
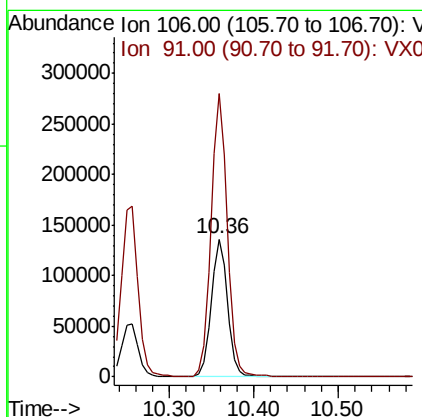
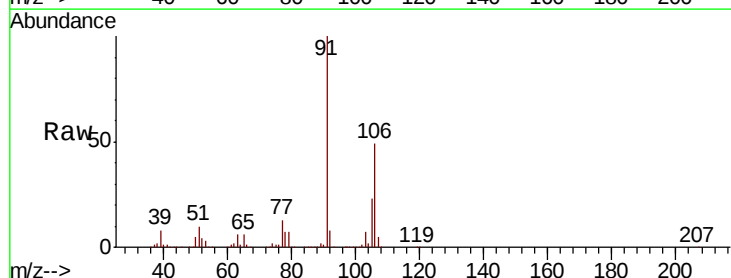
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 91 Resp: 234372
Ion Ratio Lower Upper
91 100
106 31.1 25.9 38.9



#68
m/p-Xylenes
Concen: 38.900 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX005336.D
Acq: 15 Oct 2018 11:55

Tgt Ion: 106 Resp: 183764
Ion Ratio Lower Upper
106 100
91 203.9 157.1 235.7

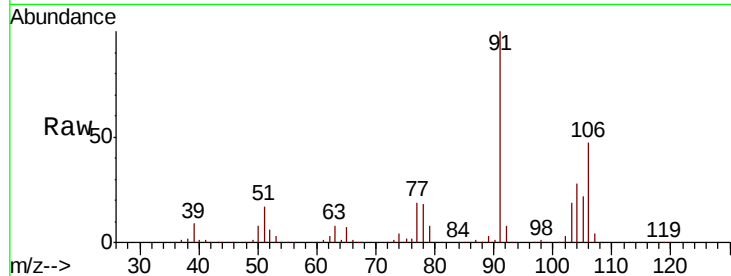




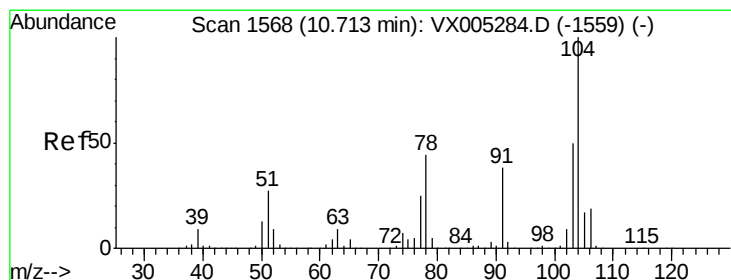
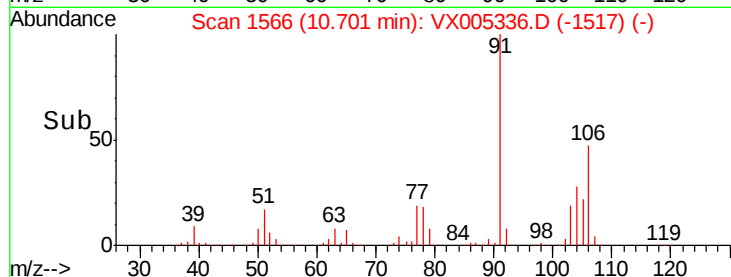
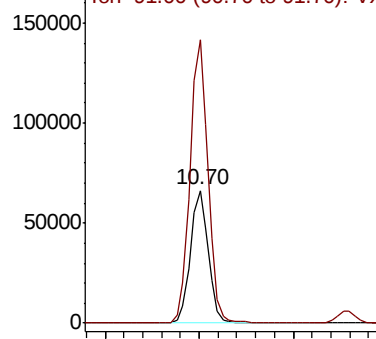
#69
o-Xylene
Concen: 19.196 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005336.D
Acq: 15 Oct 2018 11:55

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 87457
Ion Ratio Lower Upper
106 100
91 214.7 105.1 315.1

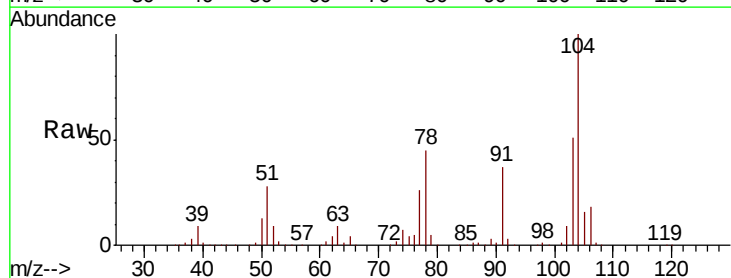


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

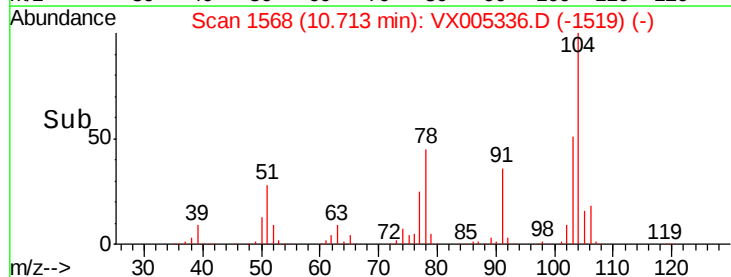
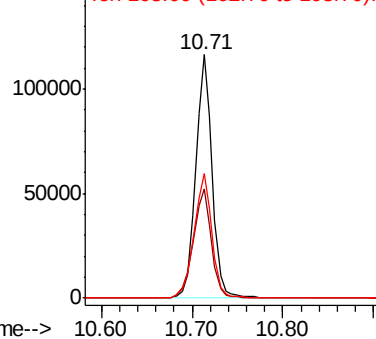


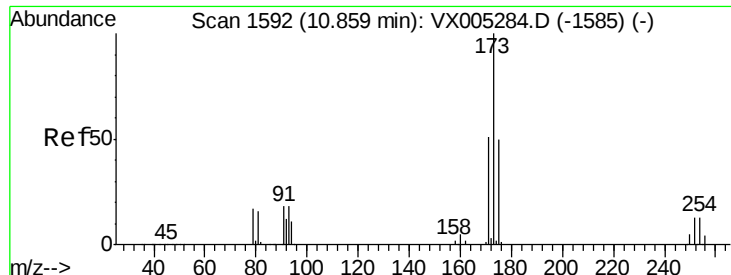
#70
Styrene
Concen: 19.760 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005336.D
Acq: 15 Oct 2018 11:55

Tgt Ion:104 Resp: 148079
Ion Ratio Lower Upper
104 100
78 49.8 37.4 56.0
103 55.8 43.8 65.6



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: 18.540 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005336.D

Acq: 15 Oct 2018 11:55

Instrument :

MSVOA_X

ClientSampleId :

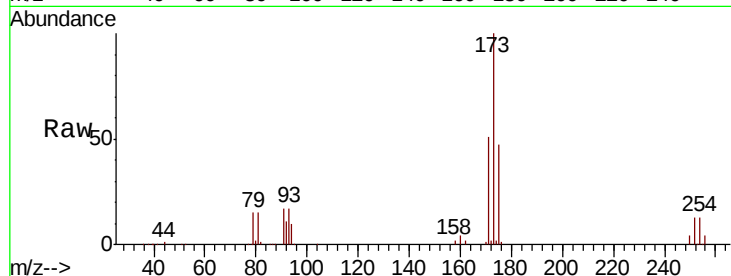
Tot Ion:173 Resp: 44202

Ion Ratio Lower Upper

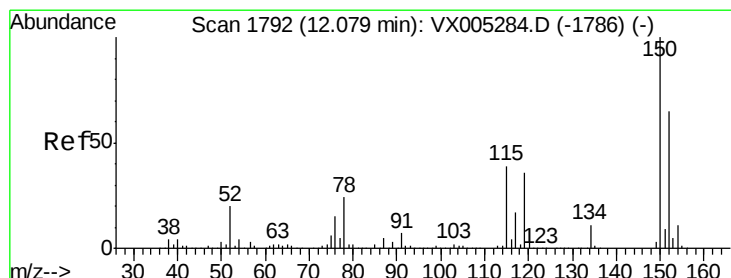
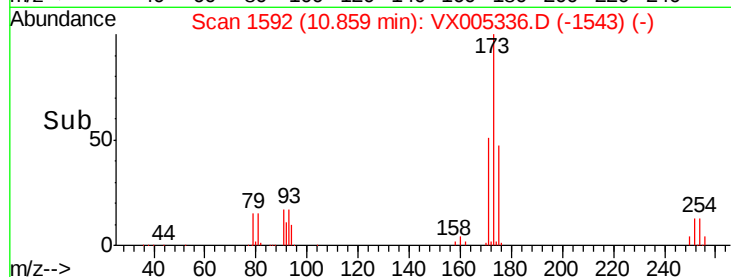
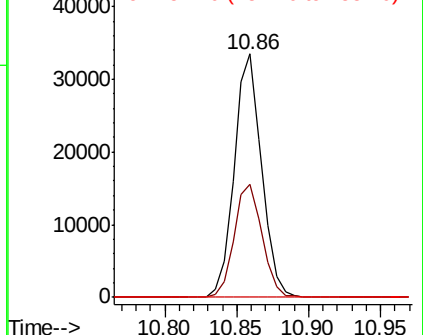
173 100

175 47.8 24.1 72.3

254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005336.D

Acq: 15 Oct 2018 11:55

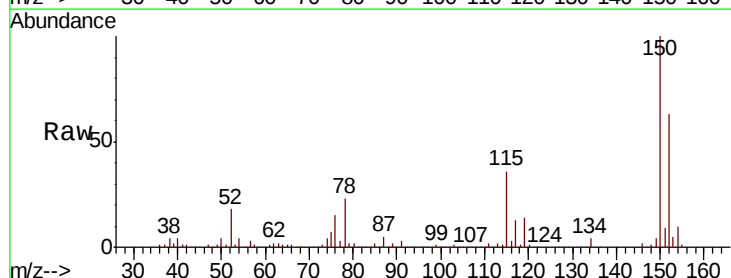
Tgt Ion:152 Resp: 196078

Ion Ratio Lower Upper

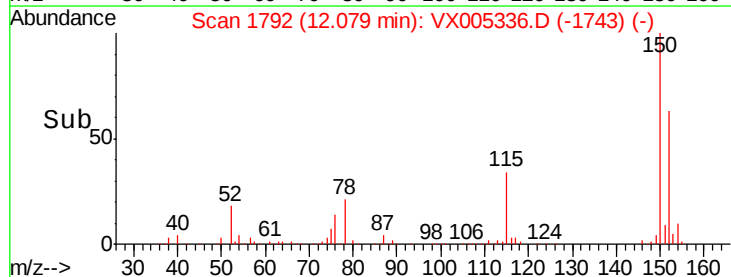
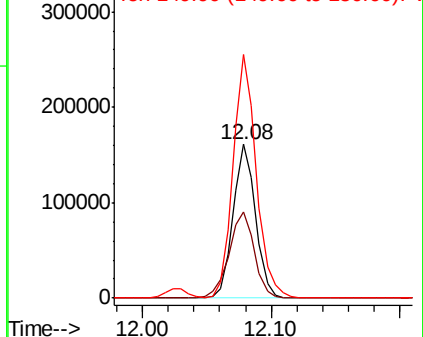
152 100

115 63.4 39.0 117.0

150 163.7 0.0 351.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.549 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005336.D

Acq: 15 Oct 2018 11:55

Instrument :

MSVOA_X

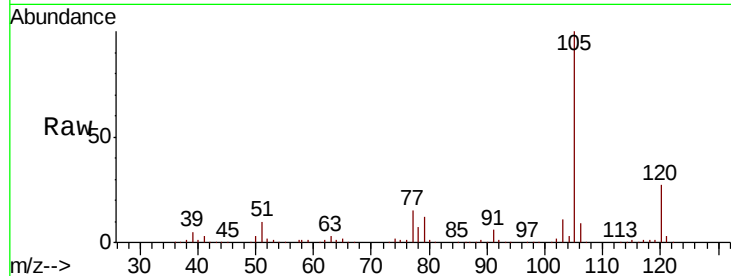
ClientSampleId :

Tot Ion:105 Resp: 239530

Ion Ratio Lower Upper

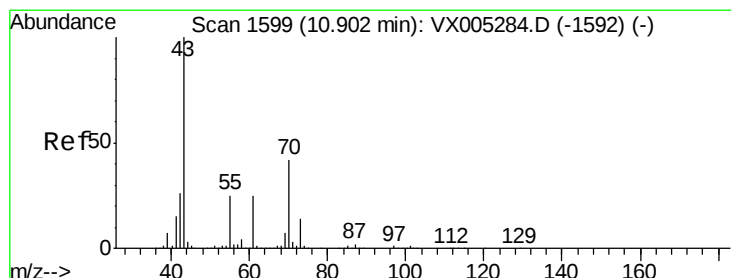
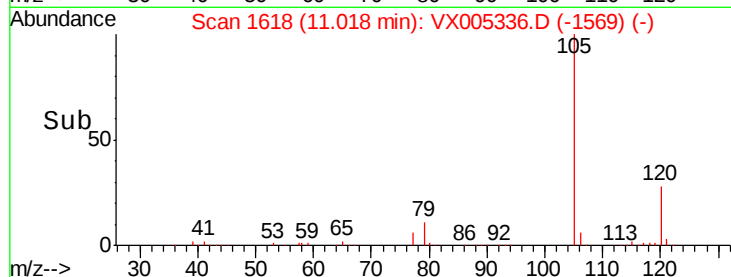
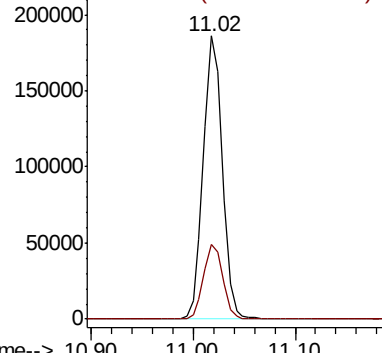
105 100

120 26.9 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.921 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VX005336.D

Acq: 15 Oct 2018 11:55

Tgt Ion: 43 Resp: 106372

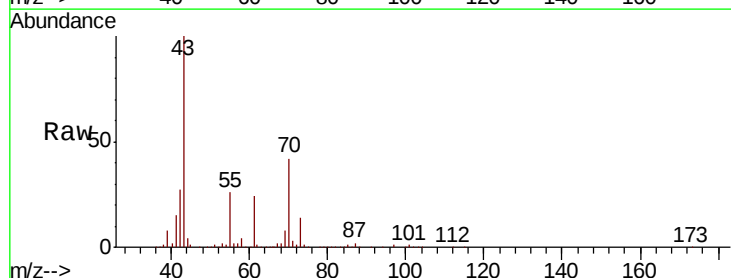
Ion Ratio Lower Upper

43 100

70 41.4 37.4 56.0

55 26.6 21.8 32.8

61 23.3 20.6 30.8

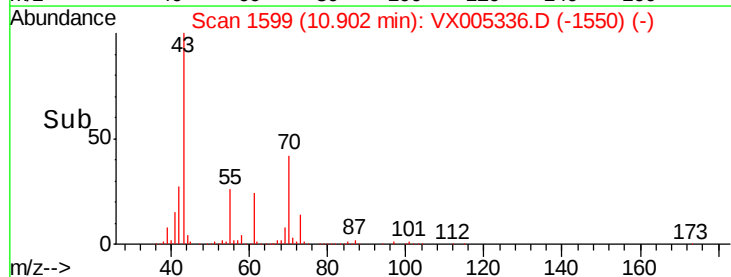
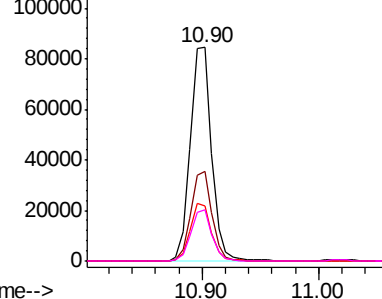


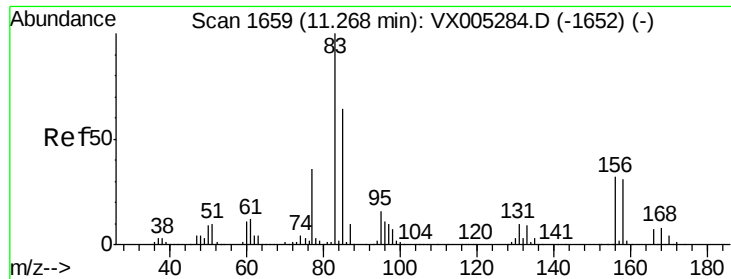
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 18.723 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005336.D

Acq: 15 Oct 2018 11:55

Instrument :

MSVOA_X

ClientSampleId :

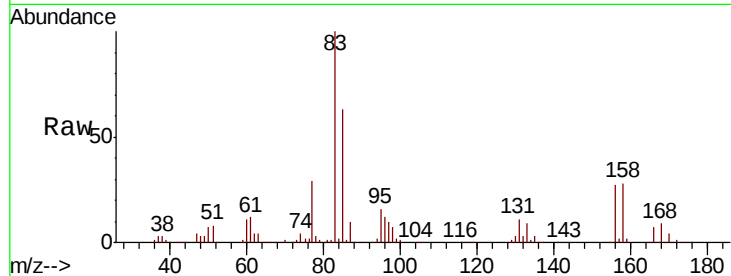
Tot Ion: 83 Resp: 82328

Ion Ratio Lower Upper

83 100

131 10.9 5.2 15.6

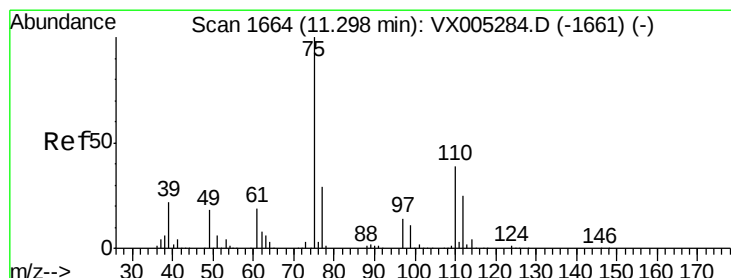
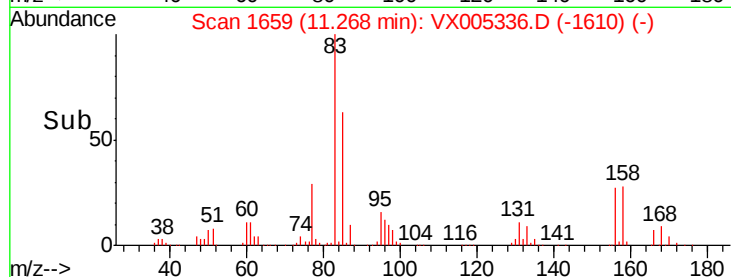
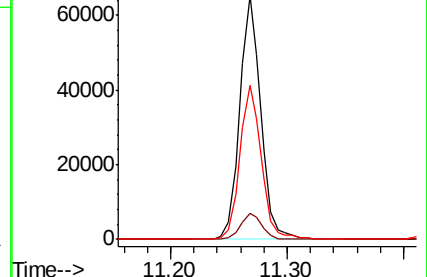
85 64.2 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX005284.D (-1652) (-)

Ion 130.80 (130.50 to 131.50): VX005284.D (-1652) (-)

Ion 84.90 (84.60 to 85.60): VX005284.D (-1652) (-)



#76

1,2,3-Trichloropropane

Concen: 24.880 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX005336.D

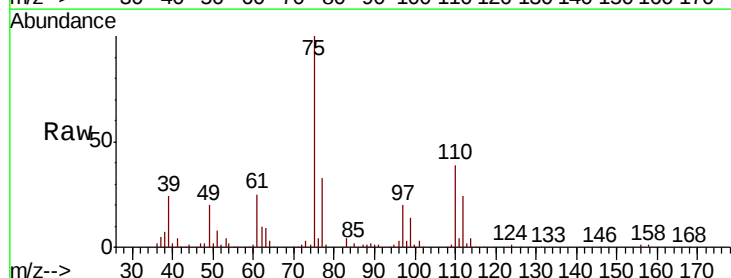
Acq: 15 Oct 2018 11:55

Tgt Ion: 75 Resp: 94626

Ion Ratio Lower Upper

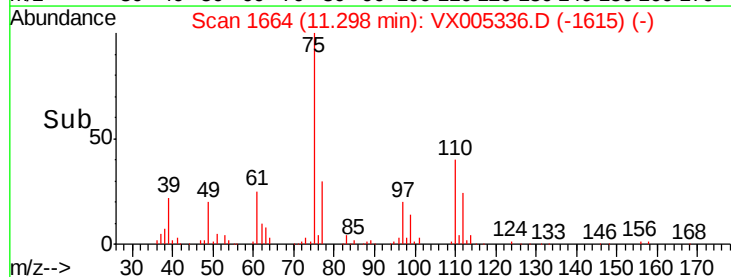
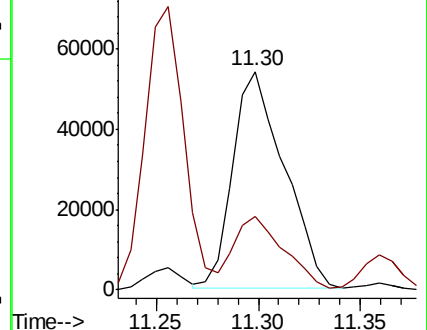
75 100

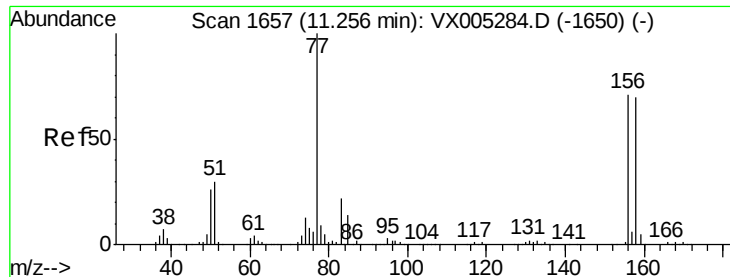
77 32.5 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX005284.D (-1661) (-)

Ion 77.00 (76.70 to 77.70): VX005284.D (-1661) (-)





#77

Bromobenzene

Concen: 20.109 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005336.D

Acq: 15 Oct 2018 11:55

Instrument :

MSVOA_X

ClientSampleId :

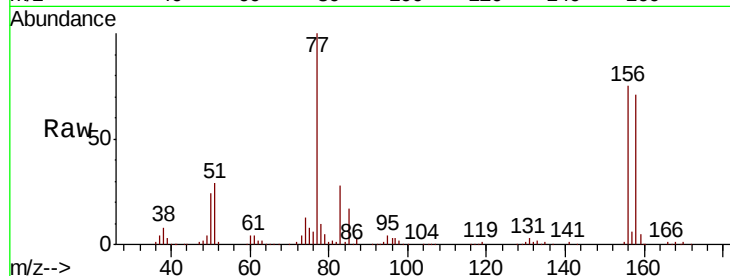
Tot Ion:156 Resp: 67020

Ion Ratio Lower Upper

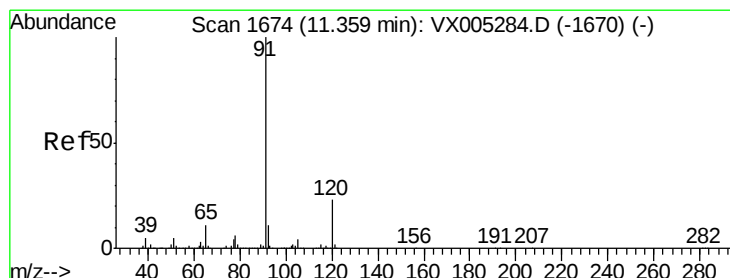
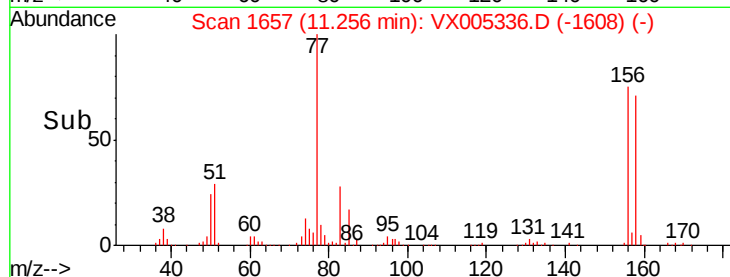
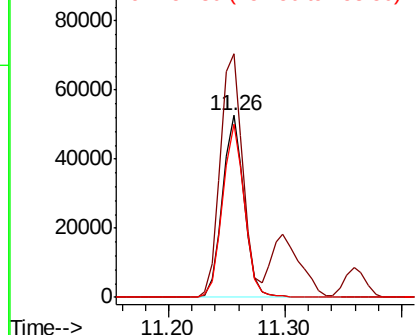
156 100

77 140.5 71.5 214.3

158 96.5 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.544 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005336.D

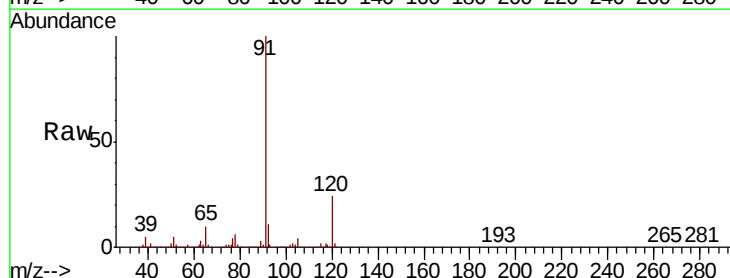
Acq: 15 Oct 2018 11:55

Tgt Ion: 91 Resp: 275562

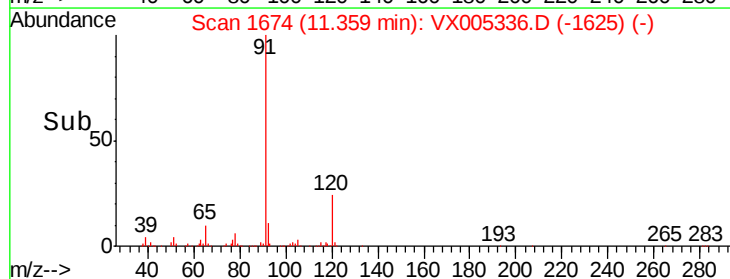
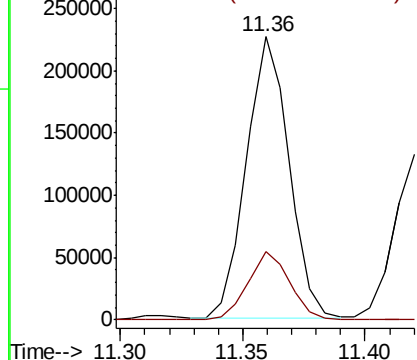
Ion Ratio Lower Upper

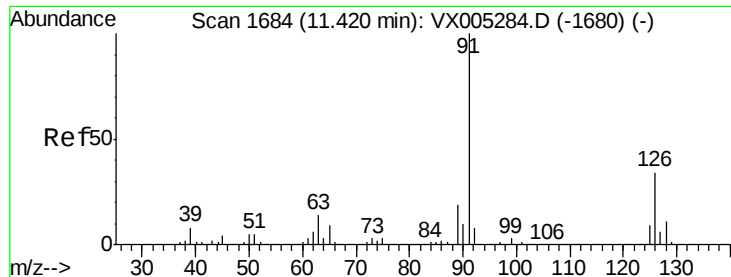
91 100

120 23.9 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V

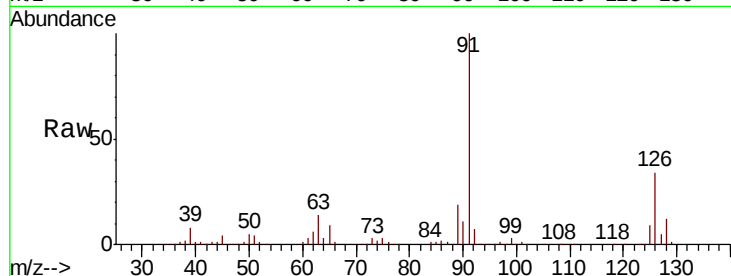




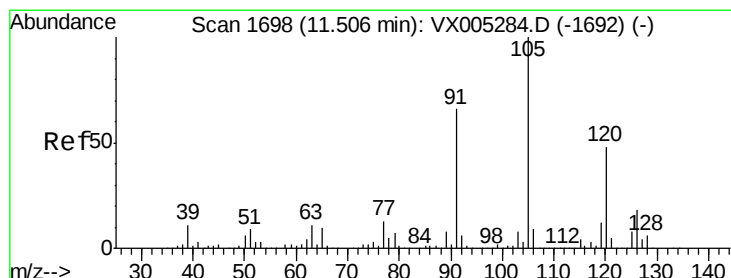
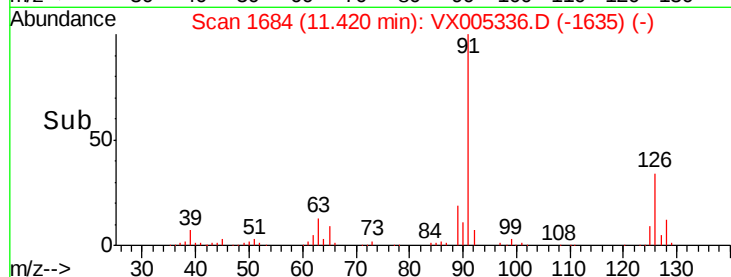
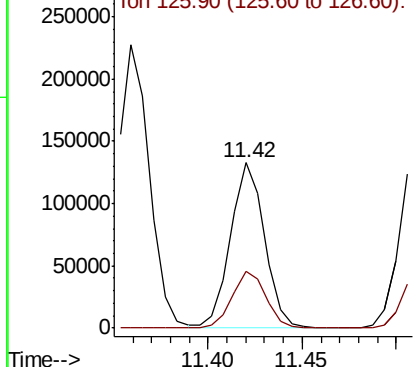
#79
 2-Chlorotoluene
 Concen: 20.019 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX005336.D
 Acq: 15 Oct 2018 11:55

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 91 Resp: 164454
 Ion Ratio Lower Upper
 91 100
 126 34.7 17.9 53.7

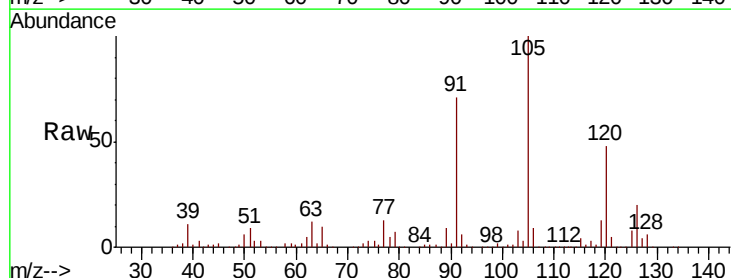


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

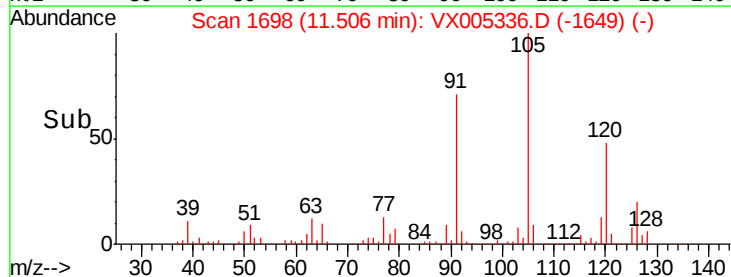
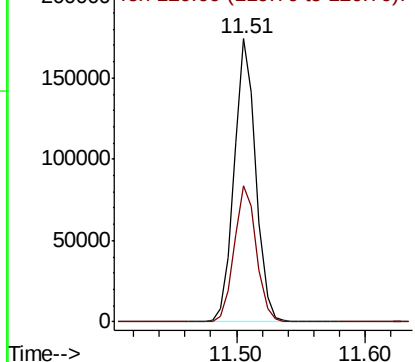


#80
 1,3,5-Trimethylbenzene
 Concen: 20.369 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX005336.D
 Acq: 15 Oct 2018 11:55

Tgt Ion: 105 Resp: 203316
 Ion Ratio Lower Upper
 105 100
 120 49.5 25.6 76.8



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 18.204 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX005336.D

Acq: 15 Oct 2018 11:55

Instrument :

MSVOA_X

ClientSampleId :

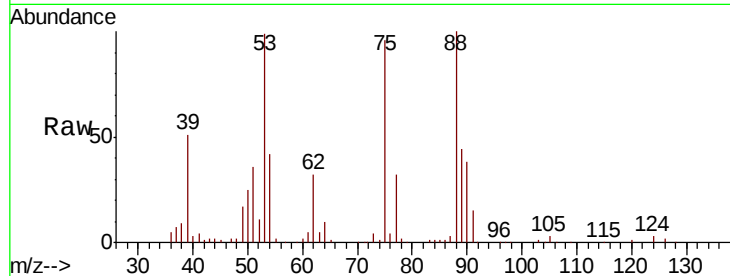
Tot Ion: 75 Resp: 22786

Ion Ratio Lower Upper

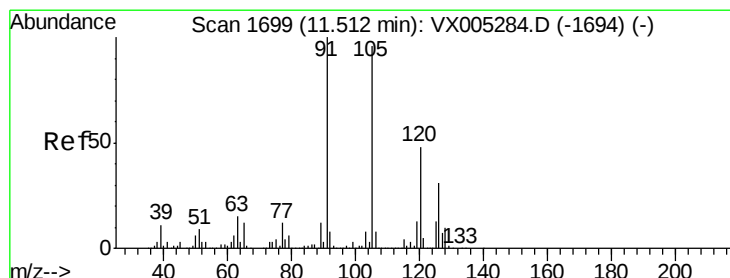
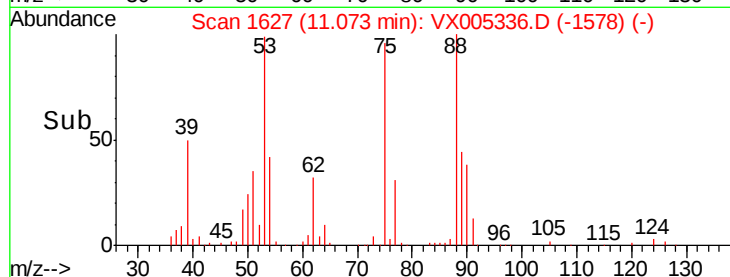
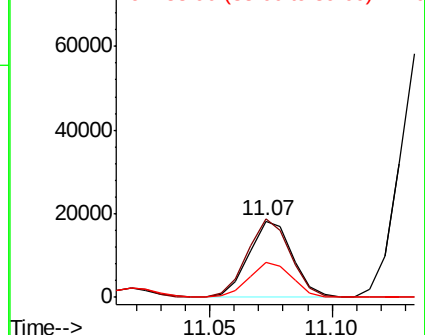
75 100

53 101.3 80.1 120.1

89 45.5 37.2 55.8



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: 19.804 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005336.D

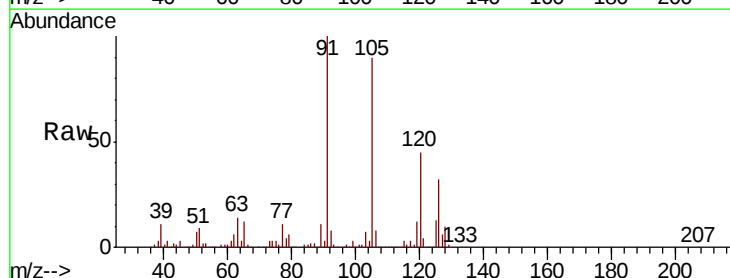
Acq: 15 Oct 2018 11:55

Tgt Ion: 91 Resp: 192846

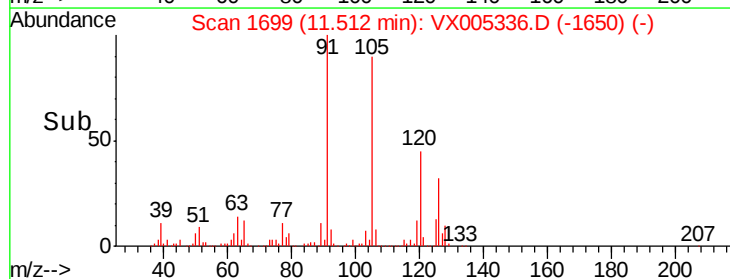
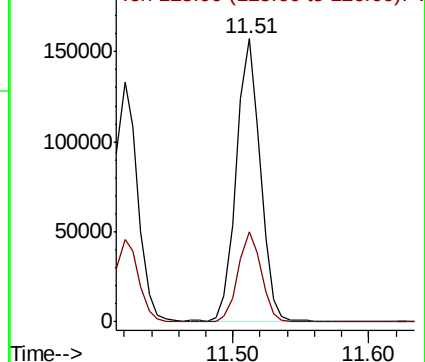
Ion Ratio Lower Upper

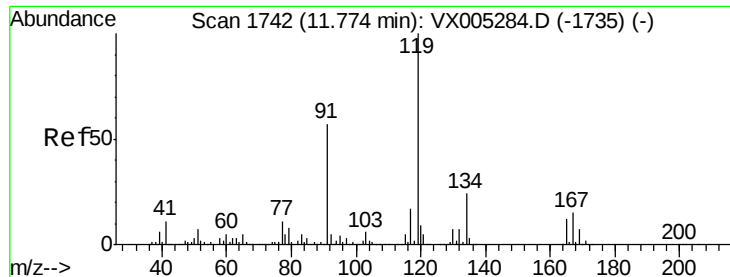
91 100

126 31.2 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

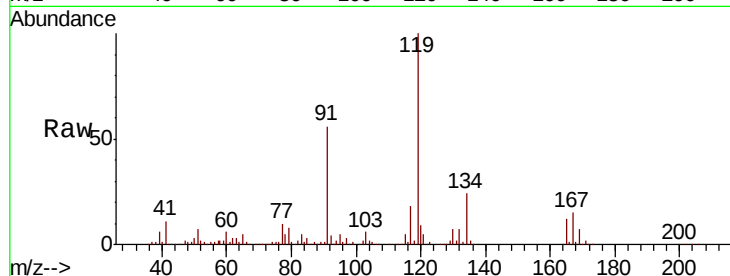




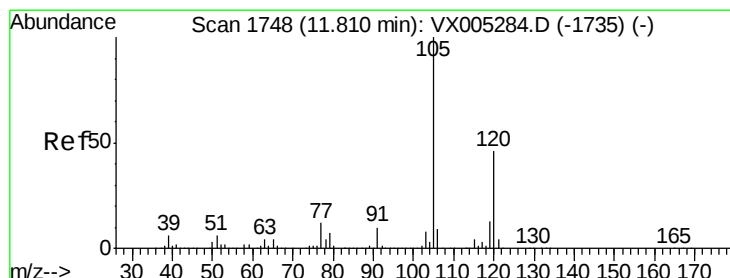
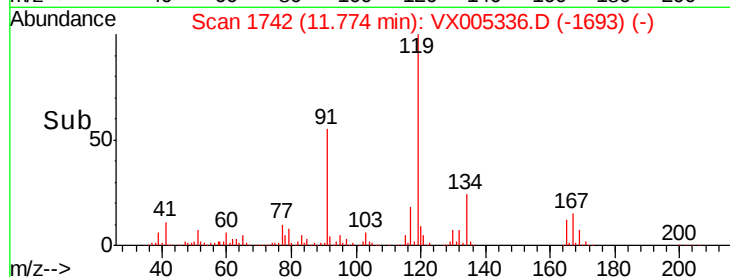
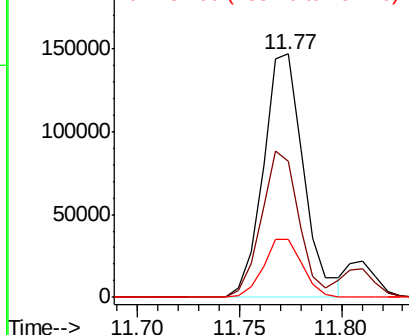
#83
tert-Butylbenzene
Concen: 19.991 ug/l
RT: 11.77 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX005336.D
Acq: 15 Oct 2018 11:55

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
119	100		
91	56.0	27.0	81.0
134	23.2	11.7	35.1

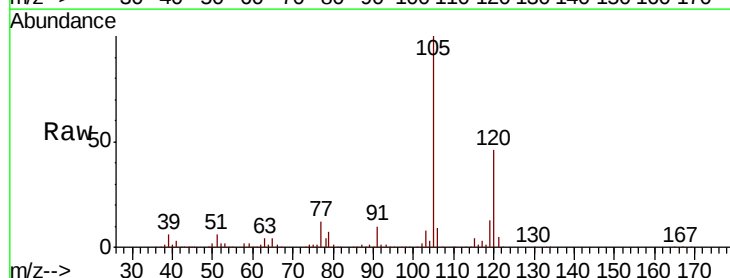


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX
Ion 134.00 (133.70 to 134.70): V

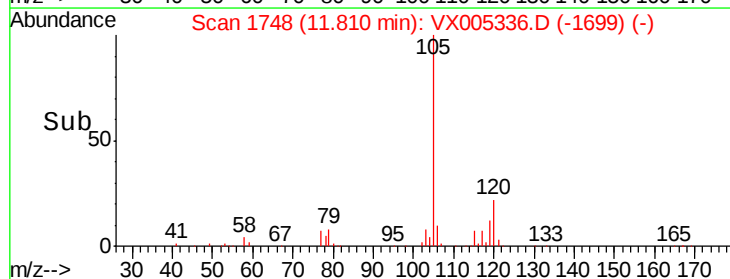
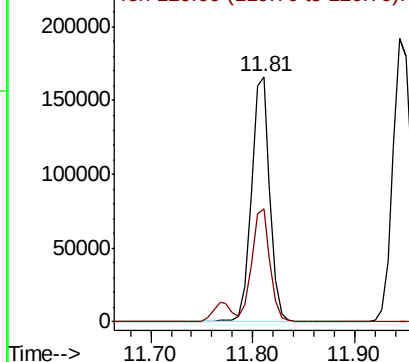


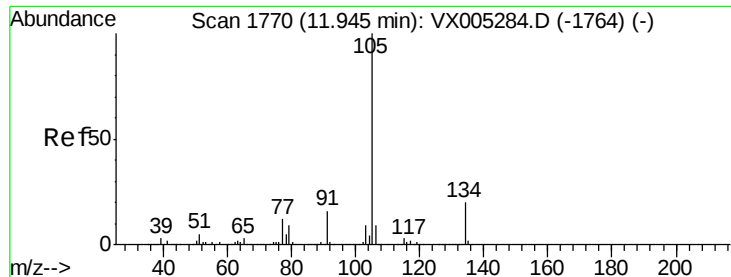
#84
1,2,4-Trimethylbenzene
Concen: 20.335 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VX005336.D
Acq: 15 Oct 2018 11:55

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.7	23.2	69.6



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.380 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX005336.D

Acq: 15 Oct 2018 11:55

Instrument :

MSVOA_X

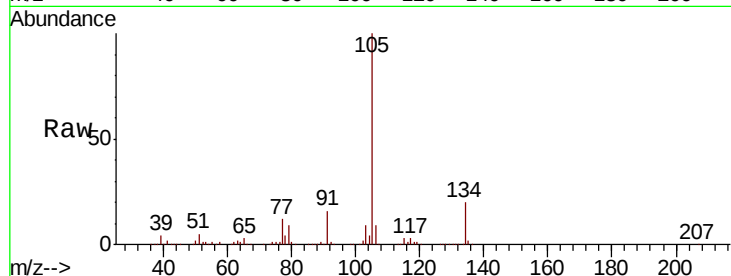
ClientSampleId :

Tot Ion:105 Resp: 243792

Ion Ratio Lower Upper

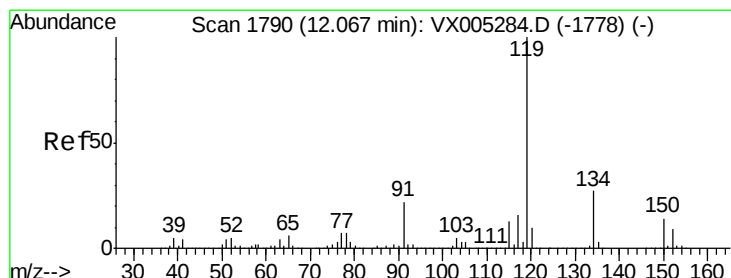
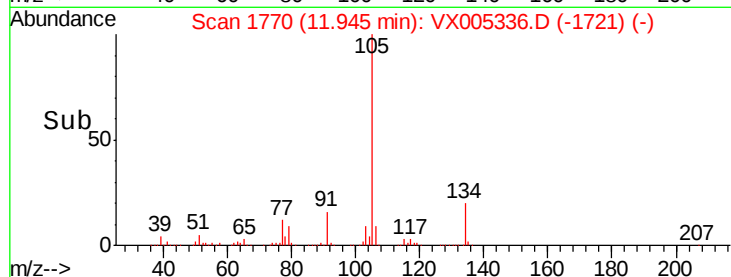
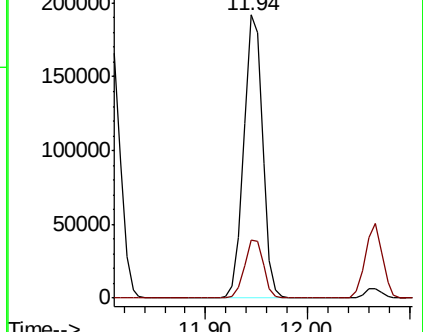
105 100

134 21.0 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.463 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005336.D

Acq: 15 Oct 2018 11:55

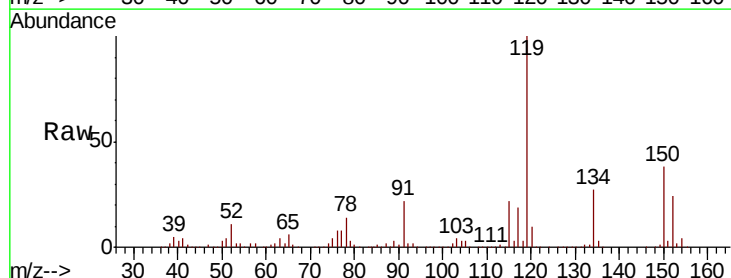
Tgt Ion:119 Resp: 221241

Ion Ratio Lower Upper

119 100

134 26.5 13.4 40.2

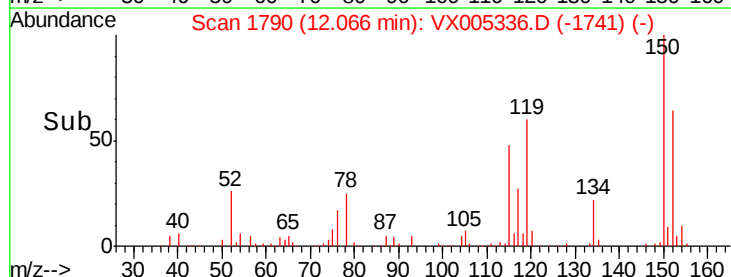
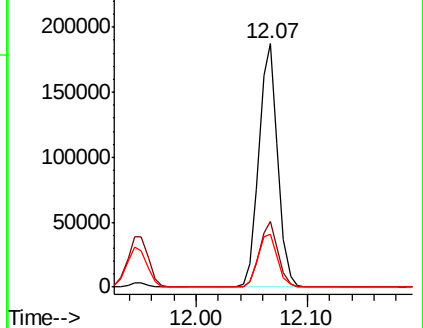
91 22.7 10.9 32.7

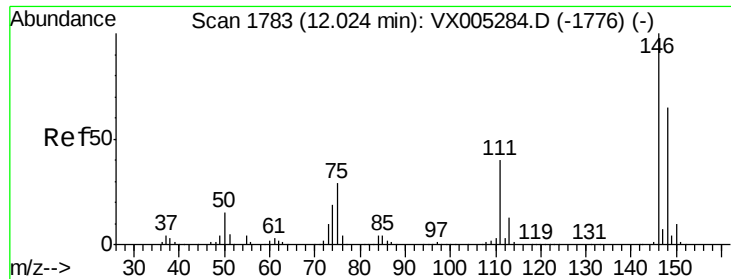


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

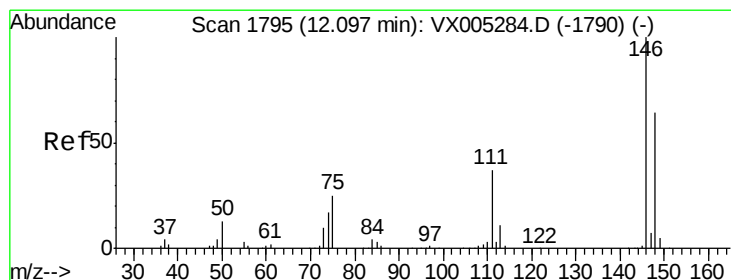
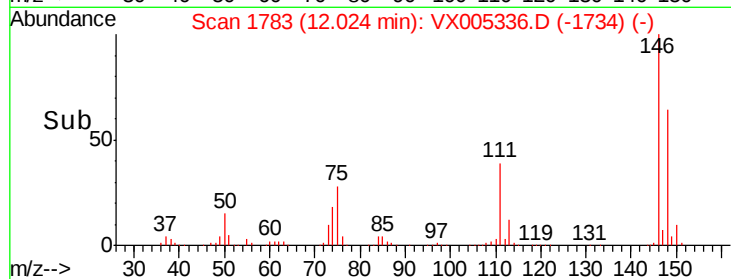
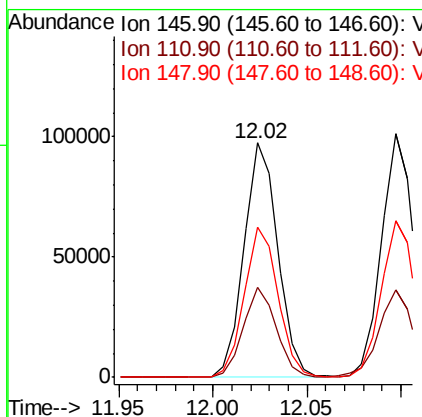
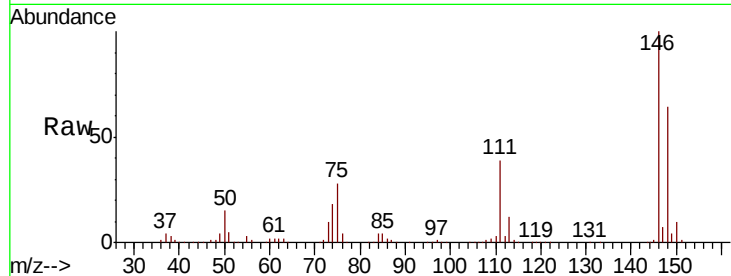




#87
 1,3-Dichlorobenzene
 Concen: 19.483 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX005336.D
 Acq: 15 Oct 2018 11:55

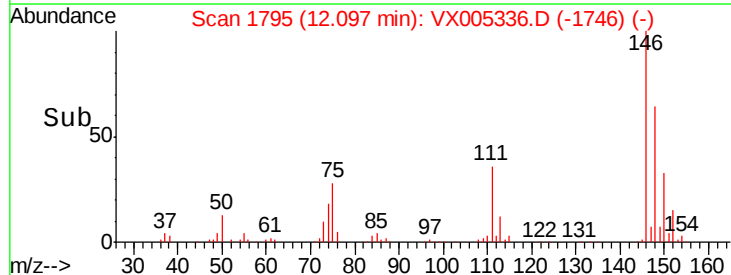
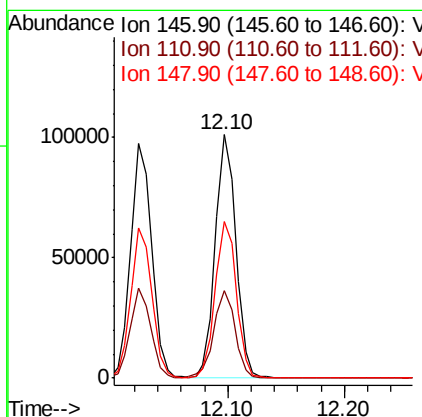
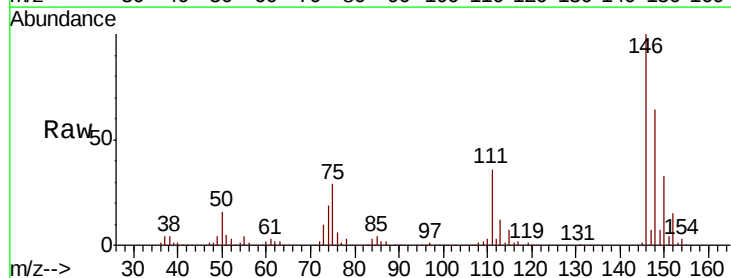
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.7	56.1
148	64.2	32.1	96.5



#88
 1,4-Dichlorobenzene
 Concen: 19.374 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005336.D
 Acq: 15 Oct 2018 11:55

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.1	54.1
148	65.9	32.0	96.0

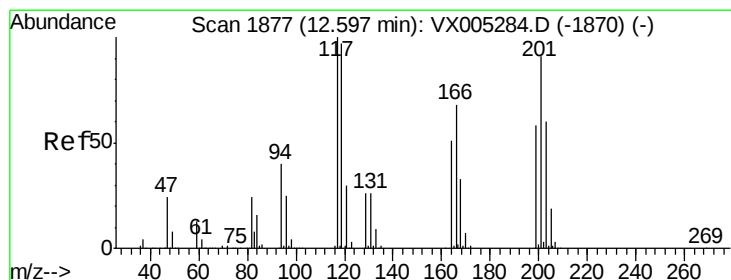
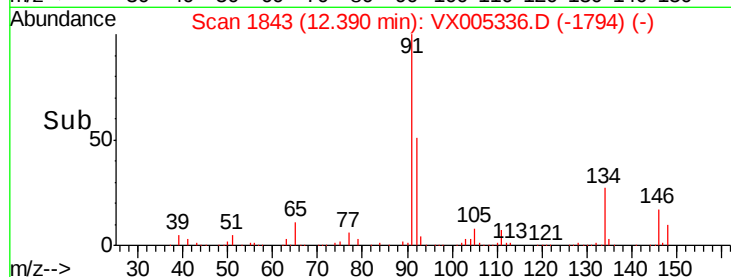
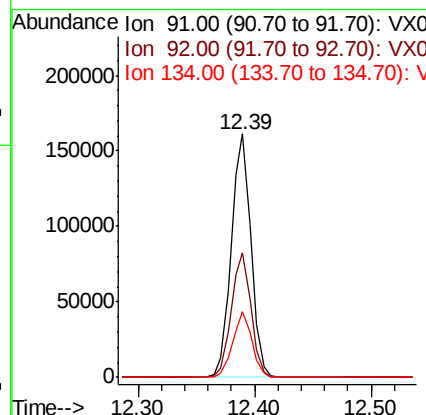
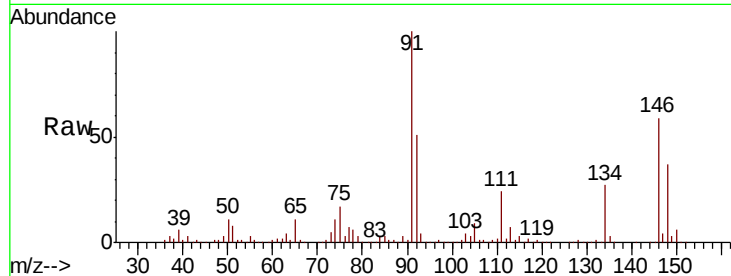




#89
n-Butylbenzene
Concen: 19.180 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005336.D
Acq: 15 Oct 2018 11:55

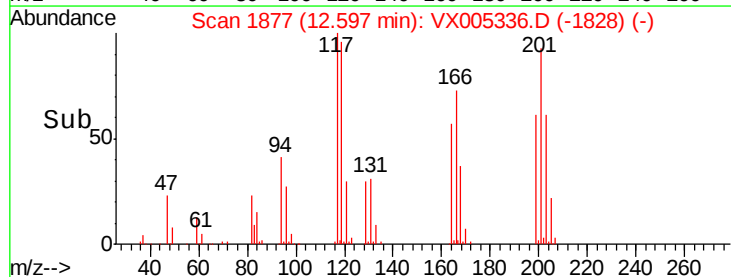
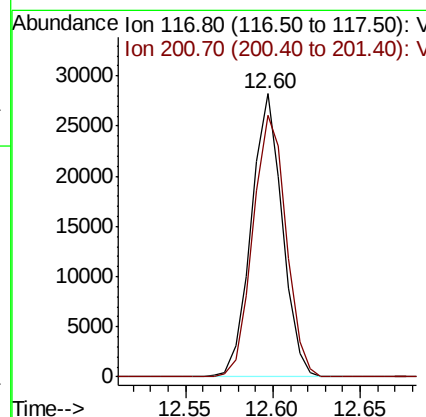
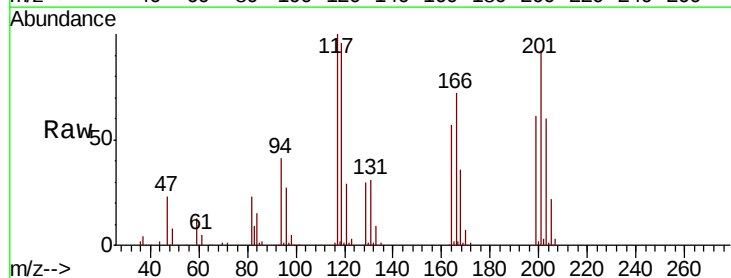
Instrument :
MSVOA_X
ClientSampleId :

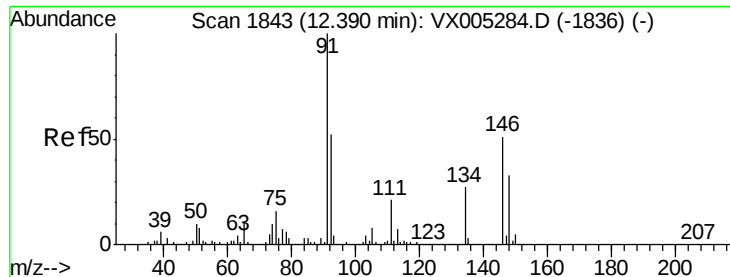
Tot Ion: 91 Resp: 188281
Ion Ratio Lower Upper
91 100
92 51.1 27.3 81.9
134 26.1 13.6 40.7



#90
Hexachloroethane
Concen: 18.660 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005336.D
Acq: 15 Oct 2018 11:55

Tgt Ion: 117 Resp: 34770
Ion Ratio Lower Upper
117 100
201 98.8 46.9 140.6





#91

1,2-Dichlorobenzene

Concen: 19.146 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX005336.D

Acq: 15 Oct 2018 11:55

Instrument :

MSVOA_X

ClientSampleId :

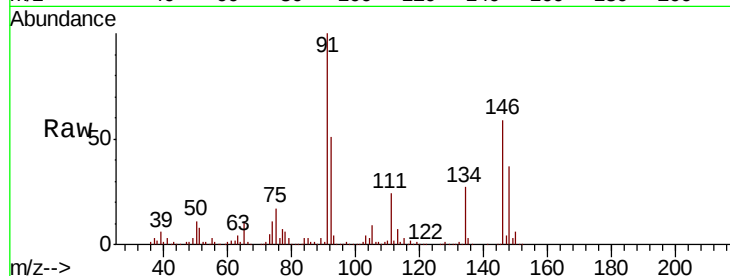
Tot Ion:146 Resp: 121677

Ion Ratio Lower Upper

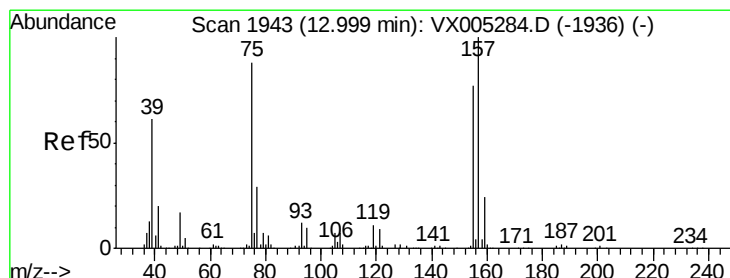
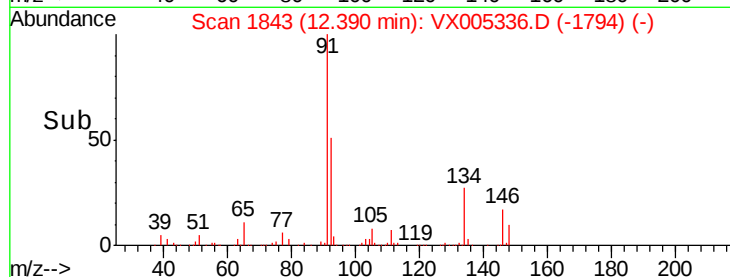
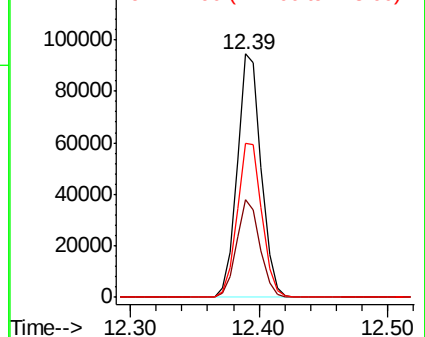
146 100

111 39.1 19.4 58.1

148 65.1 32.8 98.3



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.293 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX005336.D

Acq: 15 Oct 2018 11:55

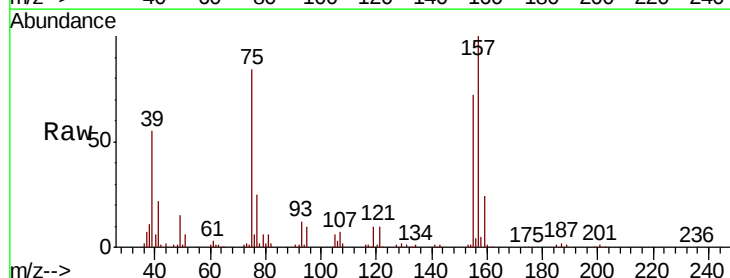
Tgt Ion: 75 Resp: 19621

Ion Ratio Lower Upper

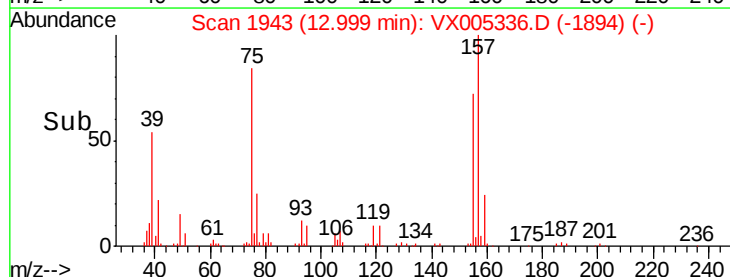
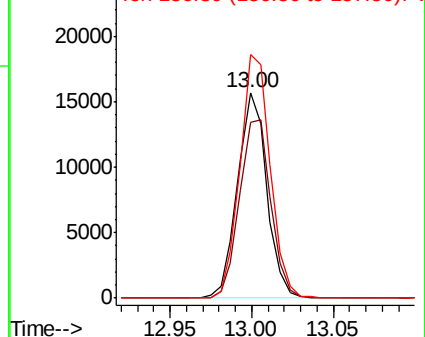
75 100

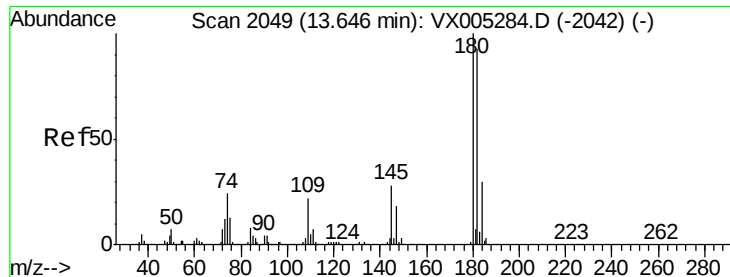
155 92.5 48.0 144.2

157 122.3 61.4 184.1



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

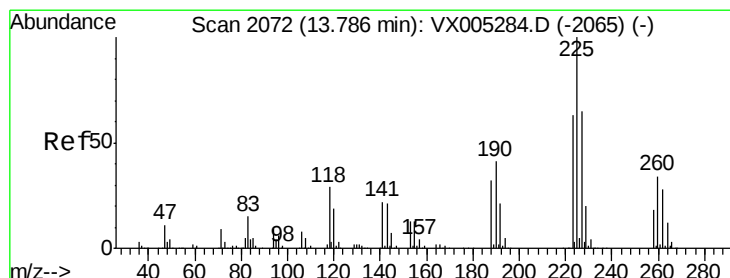
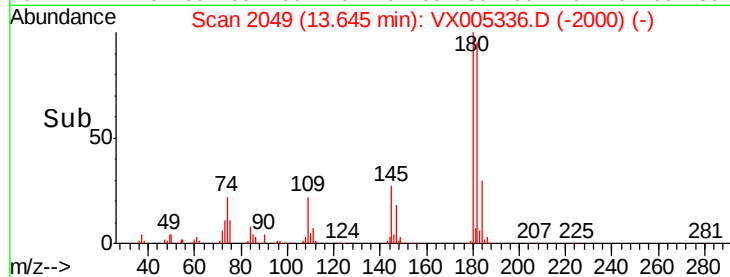
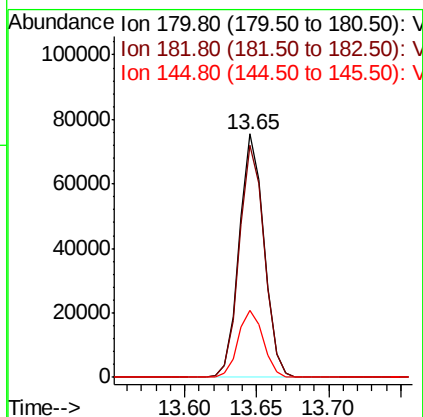
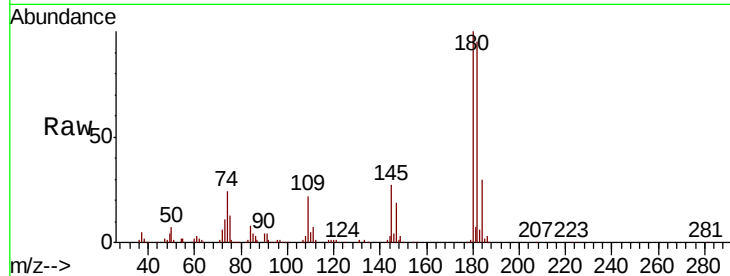




#93
 1,2,4-Trichlorobenzene
 Concen: 19.348 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005336.D
 Acq: 15 Oct 2018 11:55

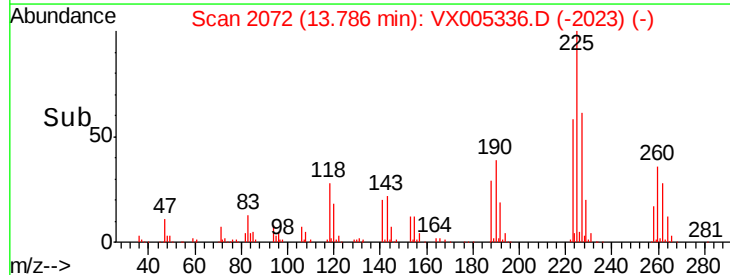
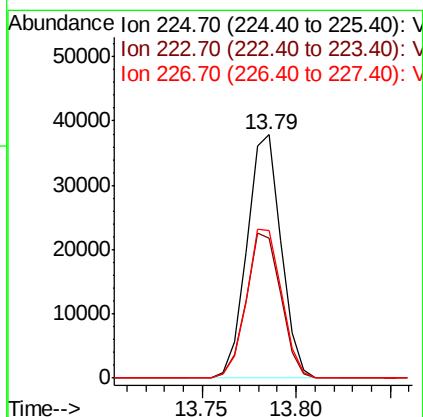
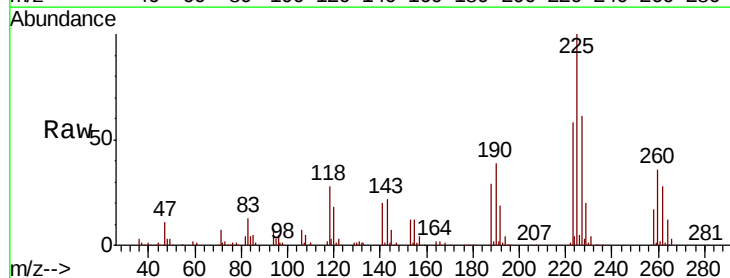
Instrument :
 MSVOA_X
 ClientSampleId :

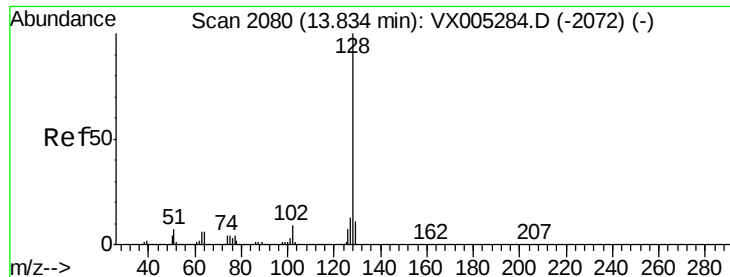
Tot Ion:180 Resp: 90213
 Ion Ratio Lower Upper
 180 100
 182 96.2 48.4 145.0
 145 28.0 14.3 42.9



#94
 Hexachlorobutadiene
 Concen: 19.298 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX005336.D
 Acq: 15 Oct 2018 11:55

Tgt Ion:225 Resp: 47523
 Ion Ratio Lower Upper
 225 100
 223 60.6 30.1 90.5
 227 63.1 30.8 92.4

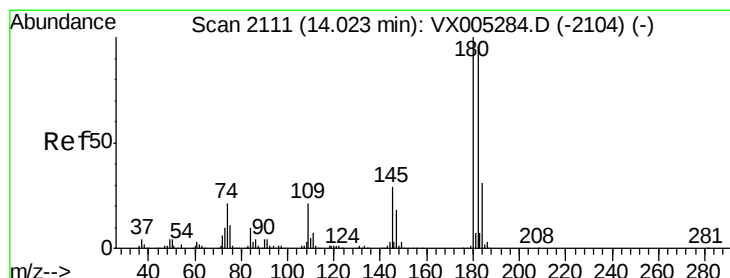
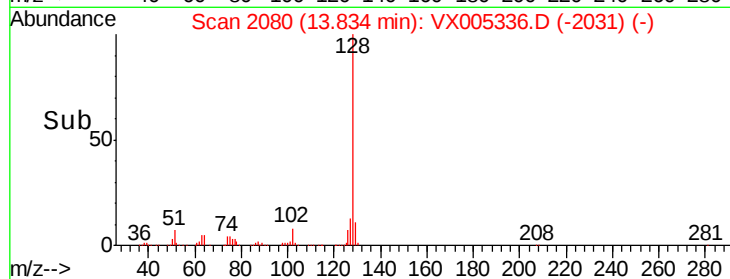
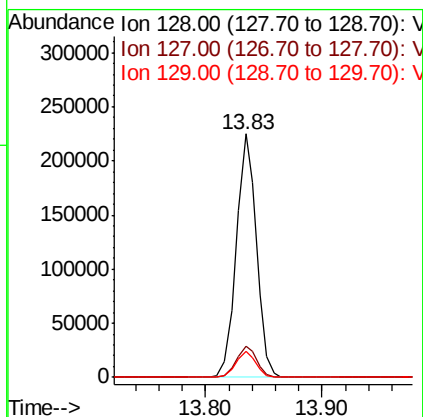
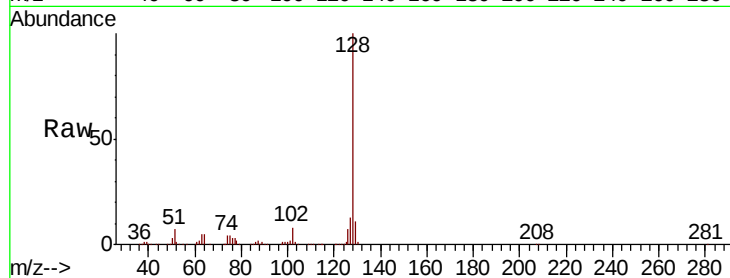




#95
Naphthalene
Concen: 19.986 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005336.D
Acq: 15 Oct 2018 11:55

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 270261
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 10.8 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 19.734 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX005336.D
Acq: 15 Oct 2018 11:55

Tgt Ion:180 Resp: 94150
Ion Ratio Lower Upper
180 100
182 96.2 48.5 145.6
145 30.2 14.9 44.9

