

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101518\
 Data File : VX005331.D
 Acq On : 15 Oct 2018 09:42
 Operator : JC/MD
 Sample : VX1015WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1015WBS01

Quant Time: Oct 16 03:16:52 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	274920	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	382386	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	359353	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	204910	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	145711	47.76	ug/l	-0.01
Spiked Amount			Recovery	=	95.52%	
35) Dibromofluoromethane	5.50	113	119385	47.14	ug/l	0.00
Spiked Amount			Recovery	=	94.28%	
50) Toluene-d8	8.71	98	461055	53.03	ug/l	0.00
Spiked Amount			Recovery	=	106.06%	
62) 4-Bromofluorobenzene	11.14	95	170031	52.06	ug/l	0.00
Spiked Amount			Recovery	=	104.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	44104	20.518	ug/l	100
3) Chloromethane	1.32	50	59399	19.071	ug/l	100
4) Vinyl Chloride	1.40	62	61135	19.376	ug/l	98
5) Bromomethane	1.64	94	36853	21.024	ug/l	98
6) Chloroethane	1.71	64	37765	19.279	ug/l	97
7) Trichlorofluoromethane	1.92	101	85616	20.334	ug/l	95
8) Diethyl Ether	2.19	74	34860	19.388	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.38	101	51648	21.252	ug/l	96
10) Methyl Iodide	2.51	142	51855	20.980	ug/l	99
11) Tert butyl alcohol	3.07	59	85115	98.891	ug/l	100
12) 1,1-Dichloroethene	2.37	96	47482	19.720	ug/l	96
13) Acrolein	2.29	56	46247	82.757	ug/l	96
14) Allyl chloride	2.73	41	104668	19.799	ug/l	95
15) Acrylonitrile	3.15	53	183716	94.194	ug/l	98
16) Acetone	2.45	43	166198	94.208	ug/l	97
17) Carbon Disulfide	2.57	76	139400	19.111	ug/l	98
18) Methyl Acetate	2.78	43	96670	19.261	ug/l	93
19) Methyl tert-butyl Ether	3.20	73	171730	20.251	ug/l	97
20) Methylene Chloride	2.85	84	55471	20.816	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	51587	19.332	ug/l	96
22) Diisopropyl ether	3.87	45	165063	18.590	ug/l	91
23) Vinyl Acetate	3.82	43	727779	93.776	ug/l	97
24) 1,1-Dichloroethane	3.70	63	102112	20.066	ug/l	98
25) 2-Butanone	4.70	43	235046	91.062	ug/l	94
26) 2,2-Dichloropropane	4.58	77	75670	19.882	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	53865	18.574	ug/l	95
28) Bromochloromethane	5.01	49	42714	18.412	ug/l	95
29) Tetrahydrofuran	5.15	42	151371	91.937	ug/l	93
30) Chloroform	5.21	83	92239	19.528	ug/l	99
31) Cyclohexane	5.57	56	81543	19.442	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	79537	19.352	ug/l	99
36) 1,1-Dichloropropene	5.80	75	68172	18.408	ug/l	99
37) Ethyl Acetate	4.85	43	84633	17.770	ug/l	98
38) Carbon Tetrachloride	5.78	117	71860	19.311	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	80417	20.063	ug/l	95
40) Benzene	6.14	78	201909	18.175	ug/l	100
41) Methacrylonitrile	5.06	41	46839	18.345	ug/l	97
42) 1,2-Dichloroethane	6.20	62	72775	18.552	ug/l	97
43) Isopropyl Acetate	6.46	43	123770	19.509	ug/l	98
44) Trichloroethene	7.21	130	56655	19.594	ug/l	96
45) 1,2-Dichloropropane	7.52	63	54601	20.036	ug/l	99
46) Dibromomethane	7.66	93	34712	19.299	ug/l	96
47) Bromodichloromethane	7.90	83	66800	20.079	ug/l	99
48) Methyl methacrylate	7.77	41	64103	19.481	ug/l	95
49) 1,4-Dioxane	7.75	88	30657	403.945	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	440875	100.361	ug/l	95
52) Toluene	8.79	92	131847	21.693	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	73413	20.390	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	82261	21.086	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	53342	20.721	ug/l	98
56) Ethyl methacrylate	9.18	69	77710	20.707	ug/l	96
57) 1,3-Dichloropropane	9.37	76	87798	20.434	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	217062	103.134	ug/l	95
59) 2-Hexanone	9.49	43	352468	99.746	ug/l	94
60) Dibromochloromethane	9.59	129	55087	20.702	ug/l	99
61) 1,2-Dibromoethane	9.67	107	55163	20.418	ug/l	100
64) Tetrachloroethene	9.34	164	59448	20.549	ug/l	99
65) Chlorobenzene	10.14	112	148446	19.420	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	52754	19.367	ug/l	99
67) Ethyl Benzene	10.25	91	245787	19.779	ug/l	98
68) m/p-Xylenes	10.36	106	194367	40.299	ug/l	96
69) o-Xylene	10.70	106	91394	19.648	ug/l	96
70) Styrene	10.71	104	154690	20.218	ug/l	98
71) Bromoform	10.86	173	45028	18.498	ug/l #	99
73) Isopropylbenzene	11.02	105	254287	20.875	ug/l	100
74) N-amyl acetate	10.90	43	111685	19.009	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.27	83	86340	18.789	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	99710	25.086	ug/l	88
77) Bromobenzene	11.26	156	69434	19.935	ug/l	99
78) n-propylbenzene	11.36	91	295819	21.104	ug/l	100
79) 2-Chlorotoluene	11.42	91	176137	20.517	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	217578	20.858	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	24666	18.856	ug/l	97
82) 4-Chlorotoluene	11.51	91	205639	20.207	ug/l	99
83) tert-Butylbenzene	11.77	119	213398	20.202	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	225855	21.039	ug/l	96
85) sec-Butylbenzene	11.94	105	263246	21.058	ug/l	99
86) p-Isopropyltoluene	12.07	119	238585	21.116	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	130399	20.036	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	133493	20.050	ug/l	99
89) n-Butylbenzene	12.39	91	207393	20.216	ug/l	97
90) Hexachloroethane	12.60	117	36458	18.723	ug/l	91
91) 1,2-Dichlorobenzene	12.39	146	128740	19.384	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	20326	18.134	ug/l	98

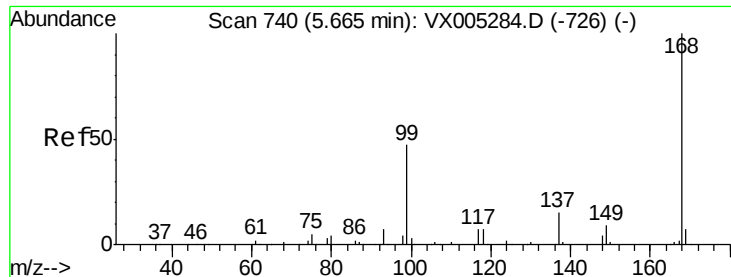
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX101518\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	100311	20.586	ug/l	97
94) Hexachlorobutadiene	13.79	225	52846	20.534	ug/l	96
95) Naphthalene	13.83	128	286127	20.247	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	101577	20.373	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: VX005331.D

Acq: 15 Oct 2018 09:42

Instrument :

MSVOA_X

ClientSampleId :

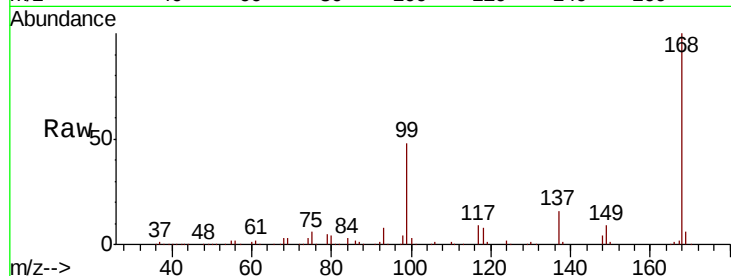
VX1015WBS01

Tot Ion:168 Resp: 274920

Ion Ratio Lower Upper

168 100

99 47.8 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

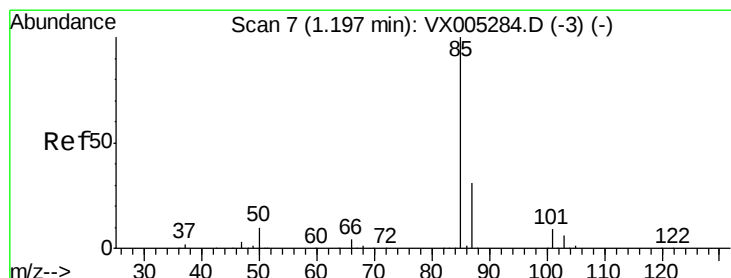
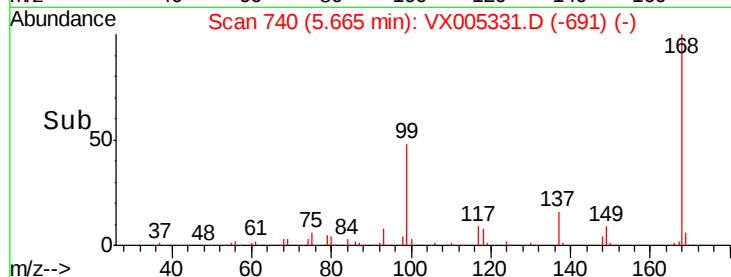
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 20.518 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX005331.D

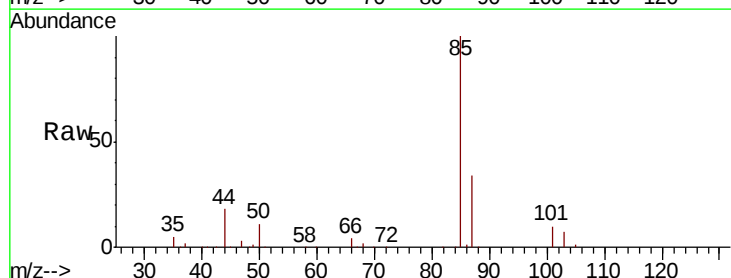
Acq: 15 Oct 2018 09:42

Tgt Ion: 85 Resp: 44104

Ion Ratio Lower Upper

85 100

87 33.7 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

40000

30000

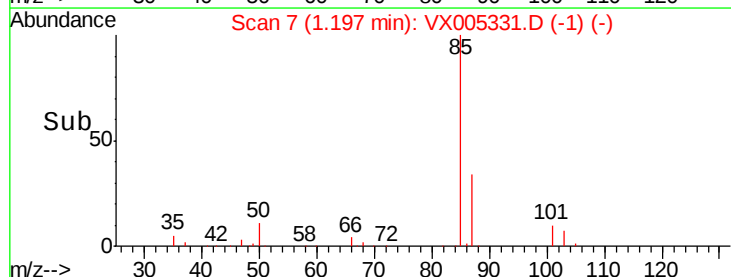
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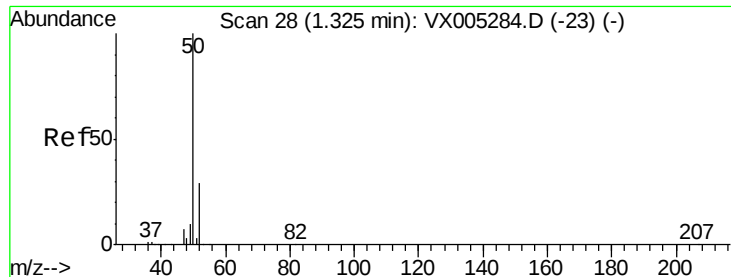
10000

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Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 19.071 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX005331.D

Acq: 15 Oct 2018 09:42

Instrument :

MSVOA_X

ClientSampleId :

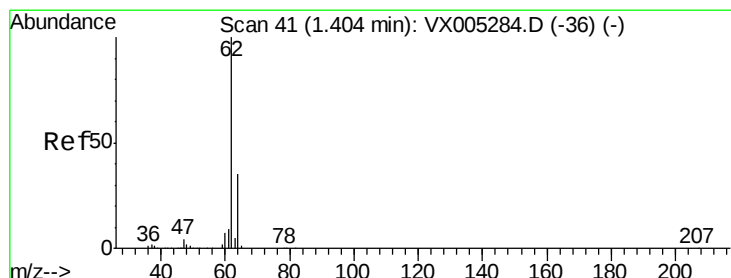
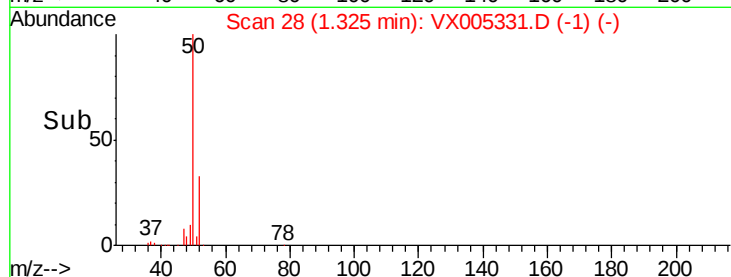
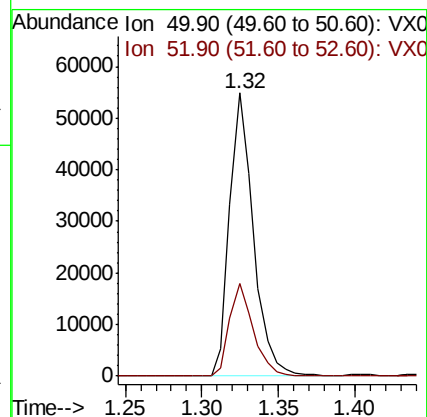
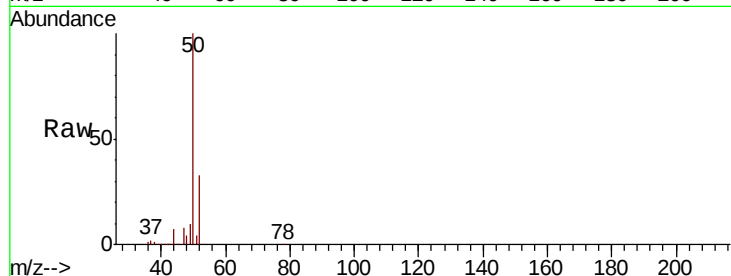
VX1015WBS01

Tot Ion: 50 Resp: 59399

Ion Ratio Lower Upper

50 100

52 32.8 26.2 39.2



#4

Vinyl Chloride

Concen: 19.376 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX005331.D

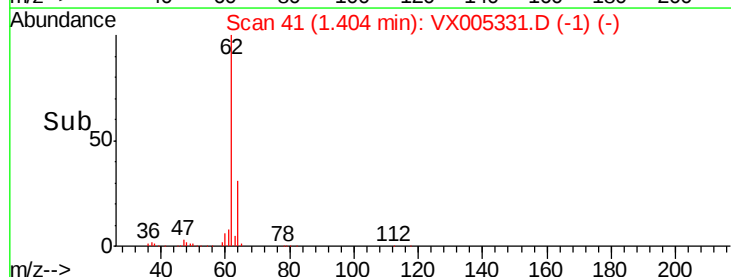
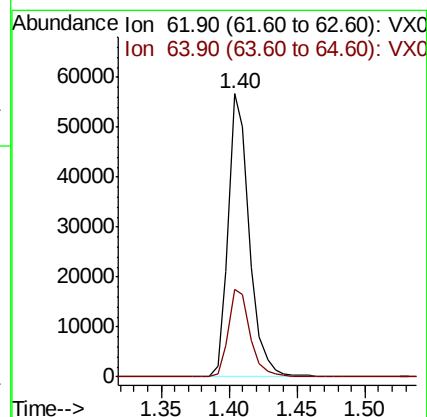
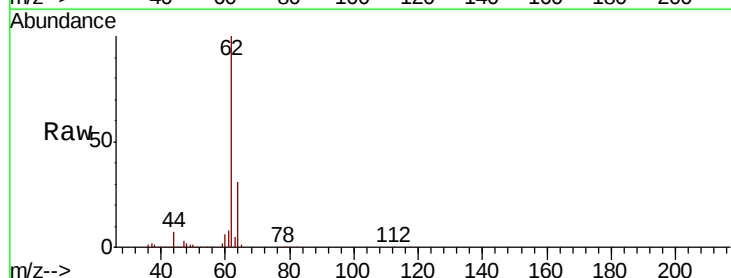
Acq: 15 Oct 2018 09:42

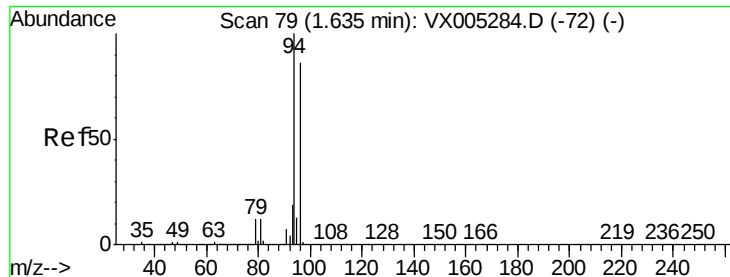
Tgt Ion: 62 Resp: 61135

Ion Ratio Lower Upper

62 100

64 30.9 25.8 38.8





#5

Bromomethane

Concen: 21.024 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005331.D

Acq: 15 Oct 2018 09:42

Instrument :

MSVOA_X

ClientSampleId :

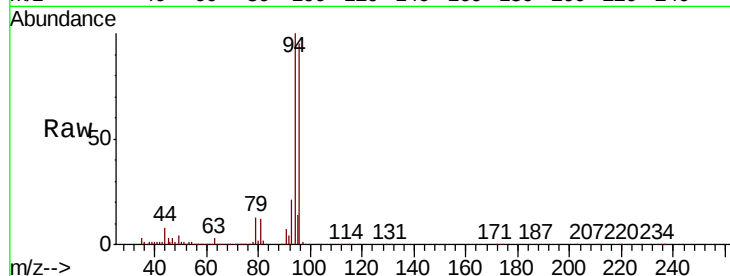
VX1015WBS01

Tot Ion: 94 Resp: 36853

Ion Ratio Lower Upper

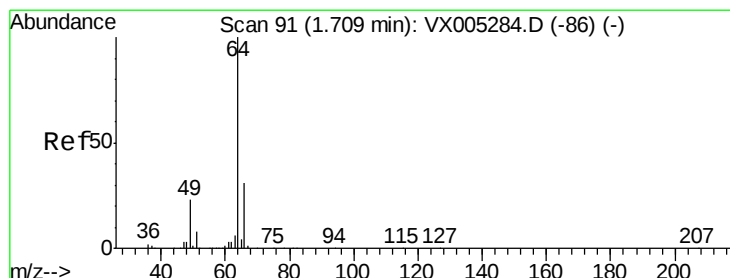
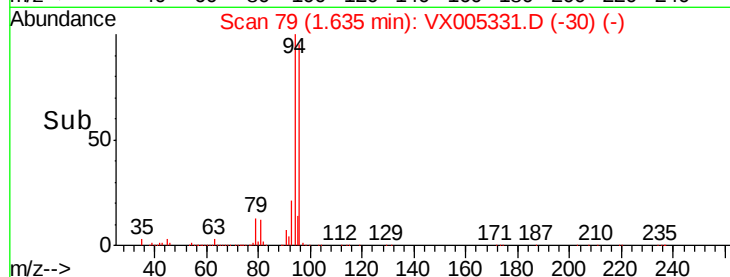
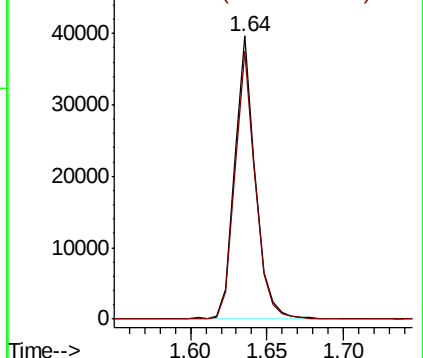
94 100

96 94.8 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.279 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.01 min

Lab File: VX005331.D

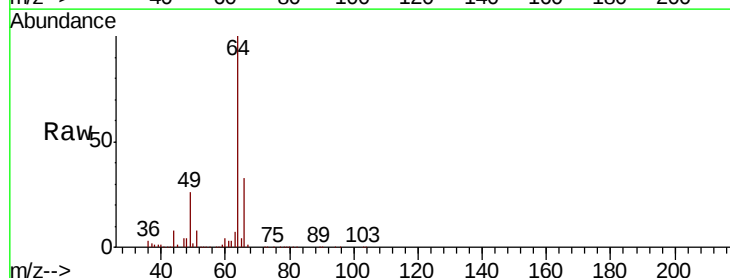
Acq: 15 Oct 2018 09:42

Tgt Ion: 64 Resp: 37765

Ion Ratio Lower Upper

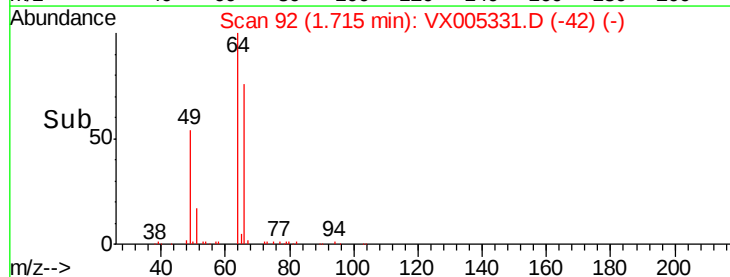
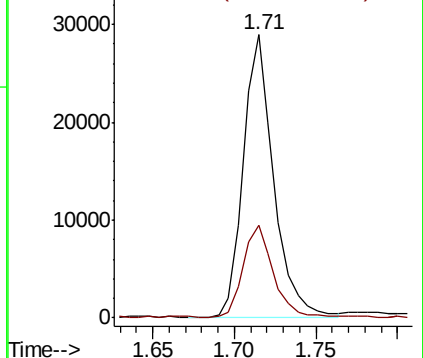
64 100

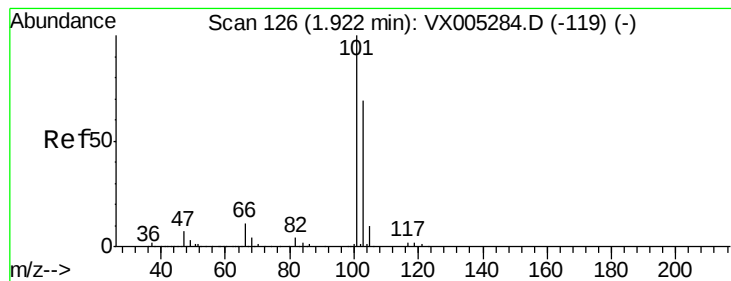
66 32.2 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



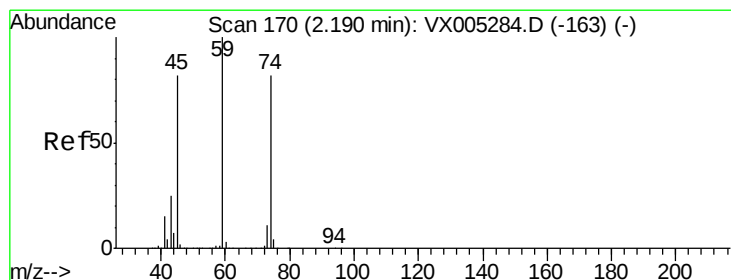
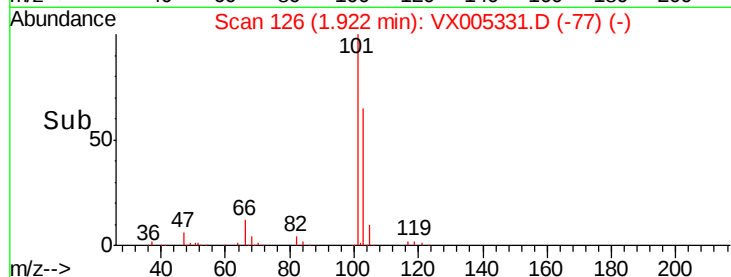
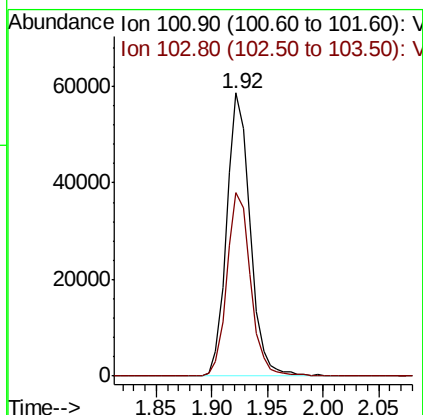
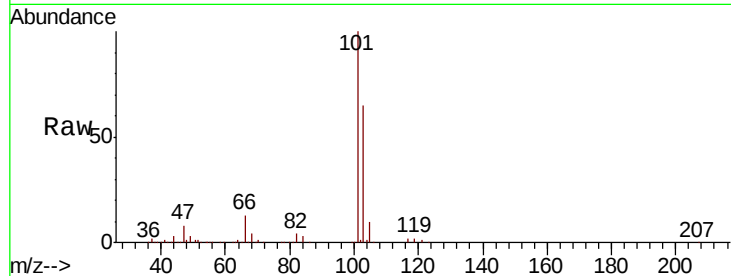


#7

Trichlorofluoromethane
 Concen: 20.334 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. 0.00 min
 Lab File: VX005331.D
 Acq: 15 Oct 2018 09:42

Instrument :
 MSVOA_X
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 VX1015WBS01

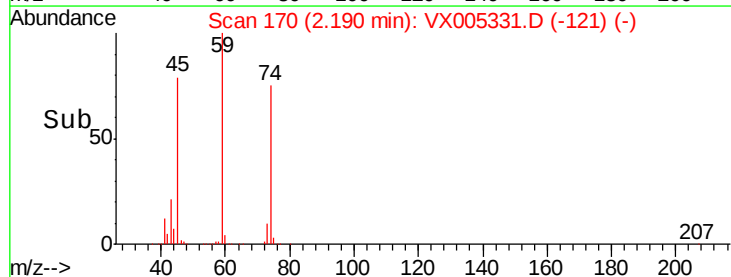
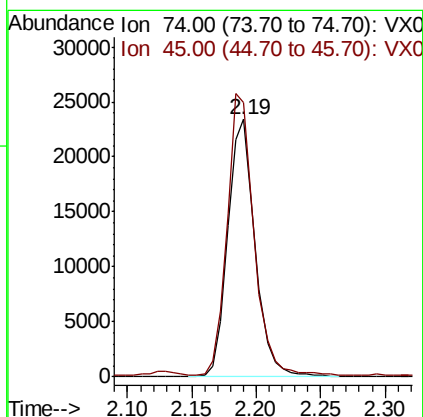
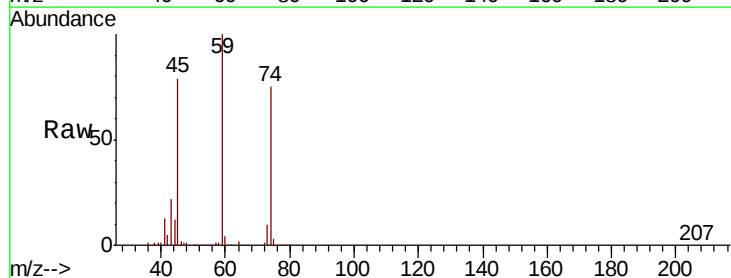
Tot Ion:101 Resp: 85616
 Ion Ratio Lower Upper
 101 100
 103 65.1 48.9 73.3

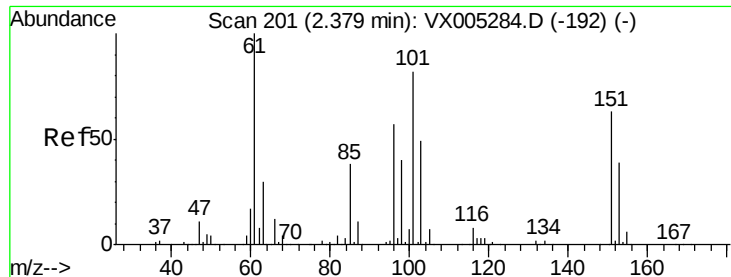


#8

Diethyl Ether
 Concen: 19.388 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX005331.D
 Acq: 15 Oct 2018 09:42

Tgt Ion: 74 Resp: 34860
 Ion Ratio Lower Upper
 74 100
 45 107.4 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.252 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX005331.D

Acq: 15 Oct 2018 09:42

Instrument :

MSVOA_X

ClientSampleId :

VX1015WBS01

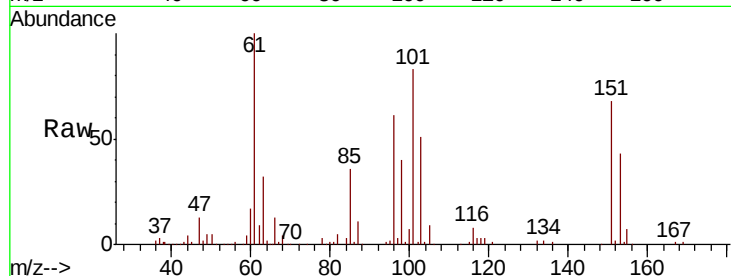
Tot Ion:101 Resp: 51648

Ion Ratio Lower Upper

101 100

85 43.8 34.2 51.4

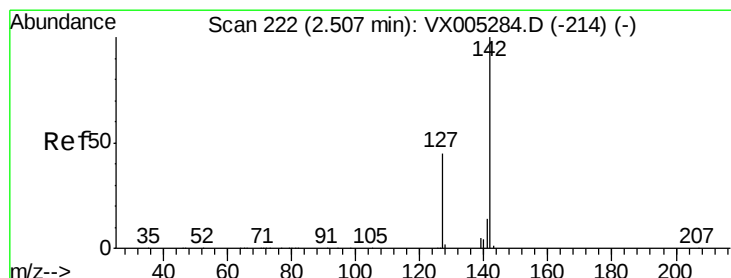
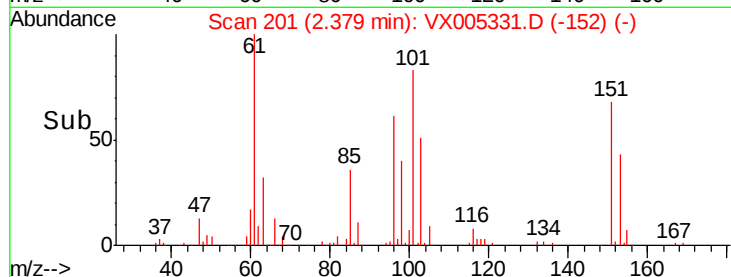
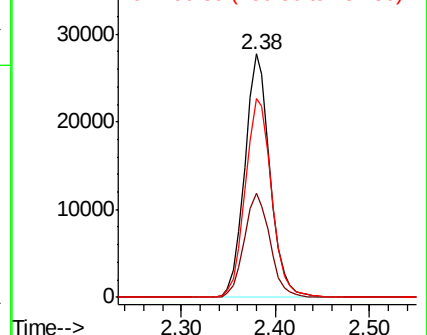
151 85.7 65.0 97.6



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: 20.980 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX005331.D

Acq: 15 Oct 2018 09:42

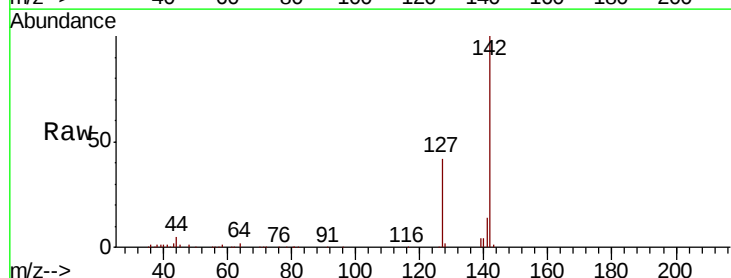
Tgt Ion:142 Resp: 51855

Ion Ratio Lower Upper

142 100

127 43.1 33.8 50.6

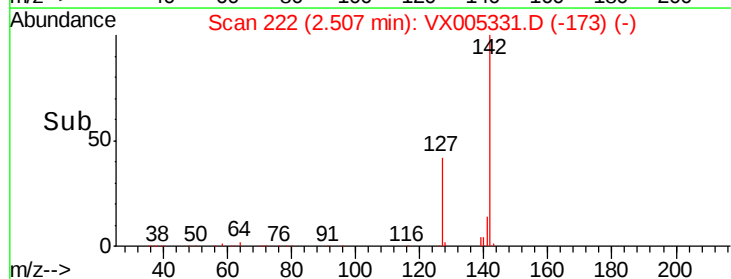
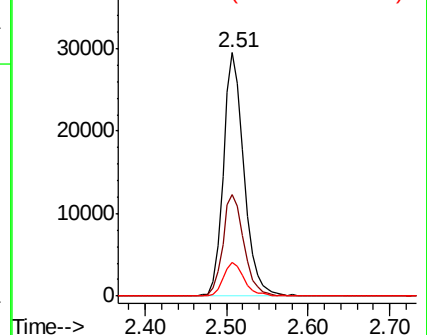
141 14.2 11.4 17.0

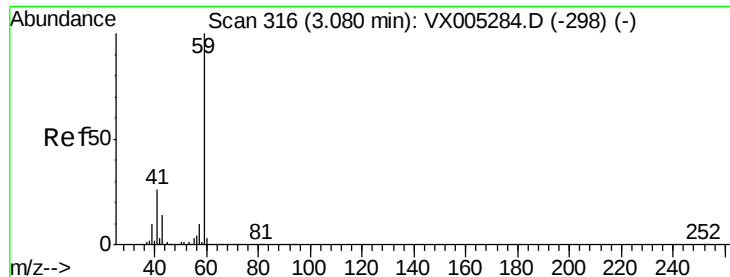


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



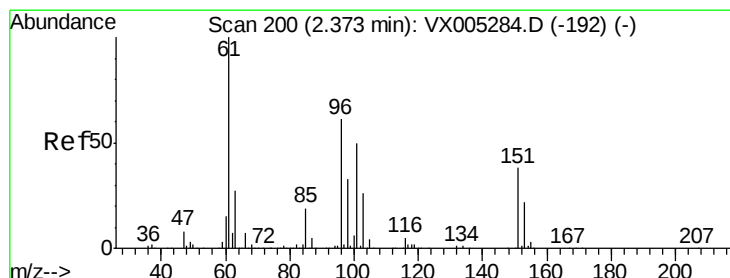
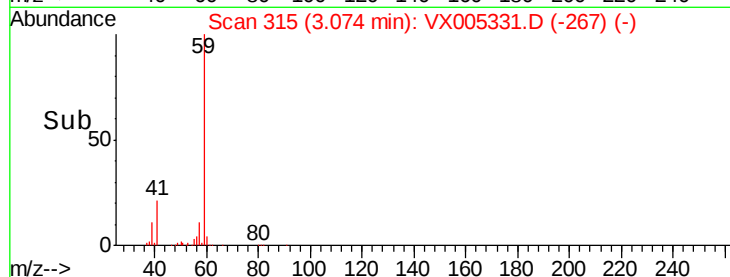
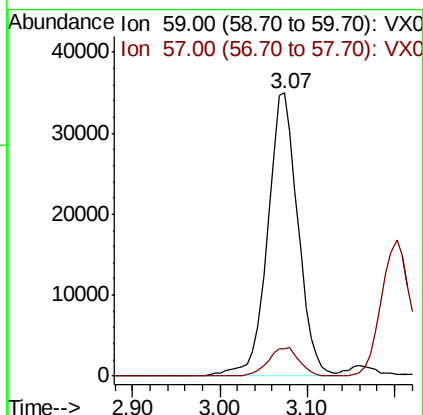
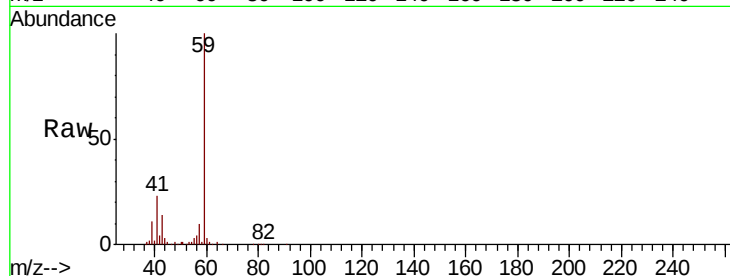


#11

Tert butyl alcohol
 Concen: 98.891 ug/l
 RT: 3.07 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX005331.D
 Acq: 15 Oct 2018 09:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1015WBS01

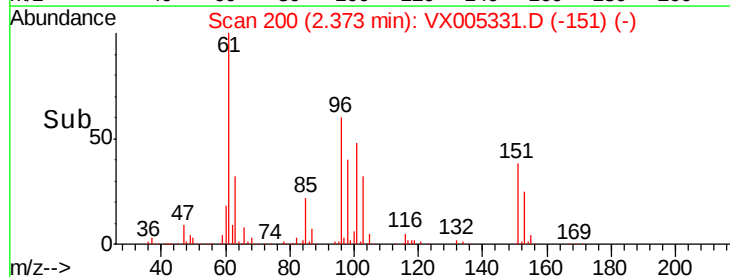
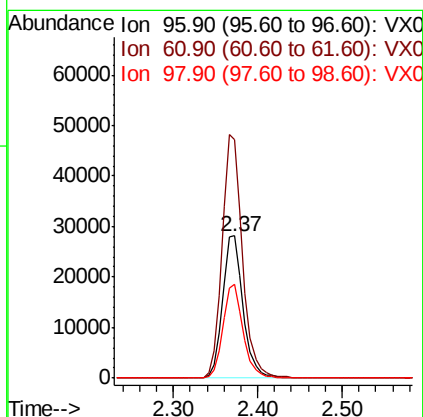
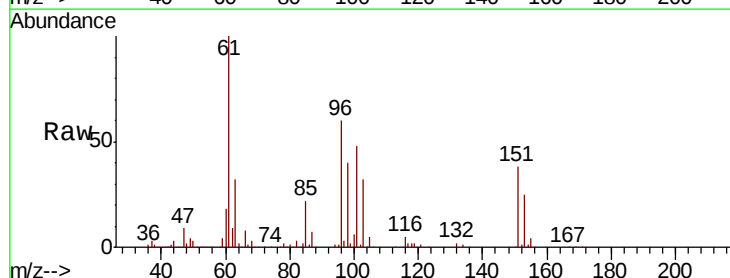
Tot Ion: 59 Resp: 85115
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.2 12.4

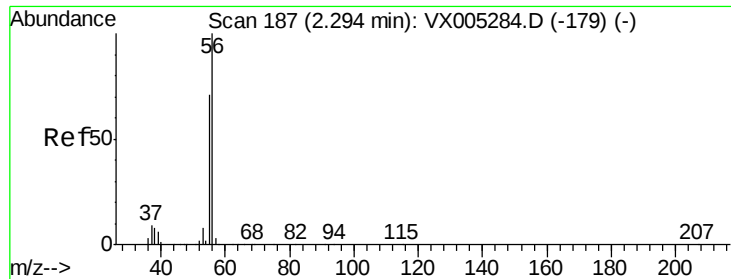


#12

1,1-Dichloroethene
 Concen: 19.720 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: VX005331.D
 Acq: 15 Oct 2018 09:42

Tgt Ion: 96 Resp: 47482
 Ion Ratio Lower Upper
 96 100
 61 167.5 128.8 193.2
 98 66.3 52.2 78.2





#13

Acrolein

Concen: 82.757 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005331.D

Acq: 15 Oct 2018 09:42

Instrument :

MSVOA_X

ClientSampleId :

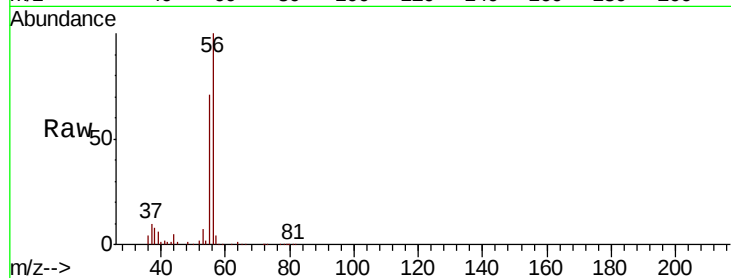
VX1015WBS01

Tot Ion: 56 Resp: 46247

Ion Ratio Lower Upper

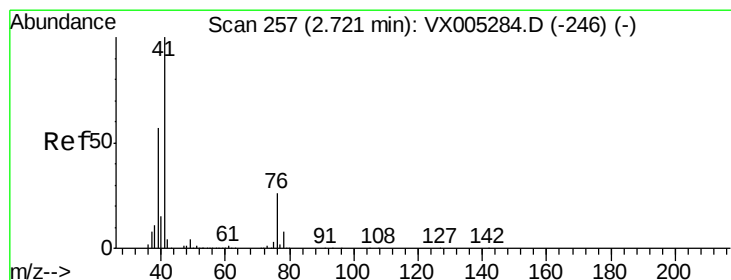
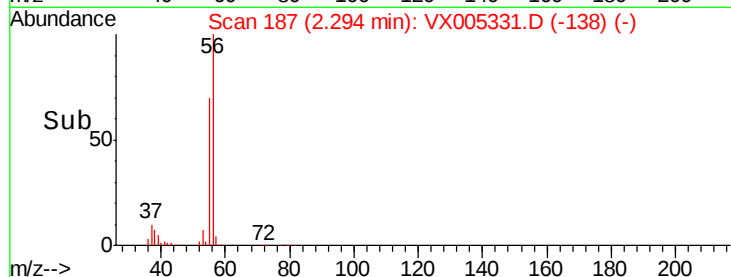
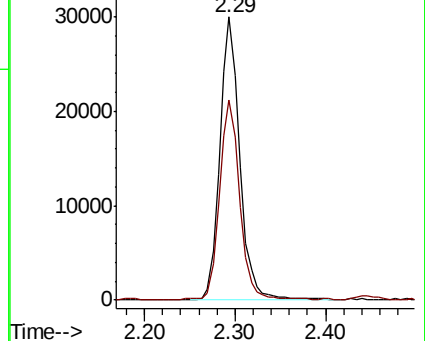
56 100

55 71.9 54.7 82.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 19.799 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX005331.D

Acq: 15 Oct 2018 09:42

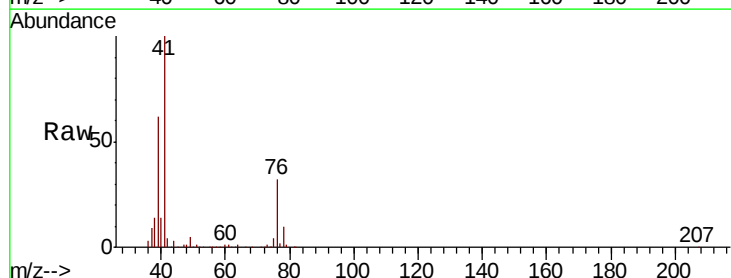
Tgt Ion: 41 Resp: 104668

Ion Ratio Lower Upper

41 100

39 58.6 48.9 73.3

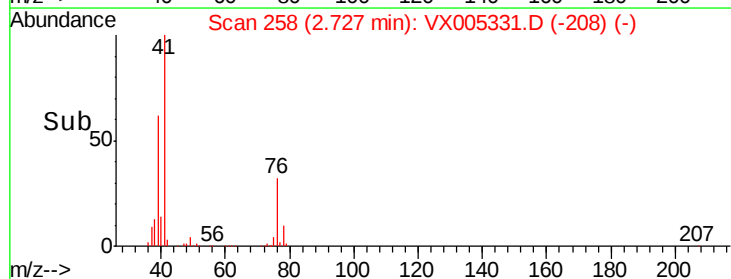
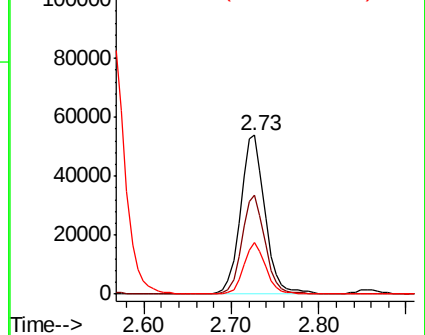
76 29.1 26.7 40.1

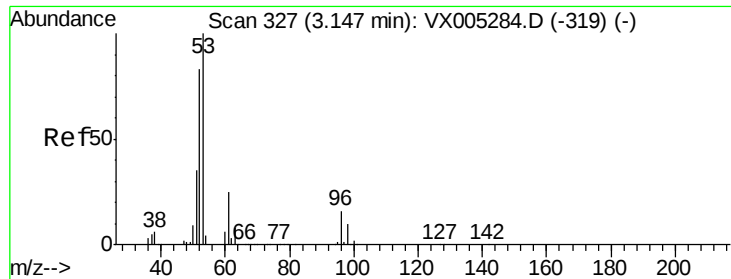


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 94.194 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.00 min

Lab File: VX005331.D

Acq: 15 Oct 2018 09:42

Instrument :

MSVOA_X

ClientSampleId :

VX1015WBS01

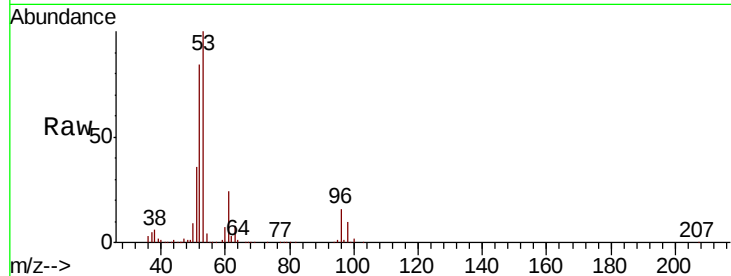
Tot Ion: 53 Resp: 183716

Ion Ratio Lower Upper

53 100

52 83.0 65.2 97.8

51 36.0 28.2 42.2

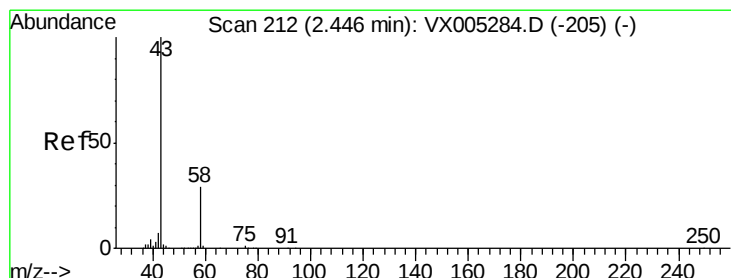
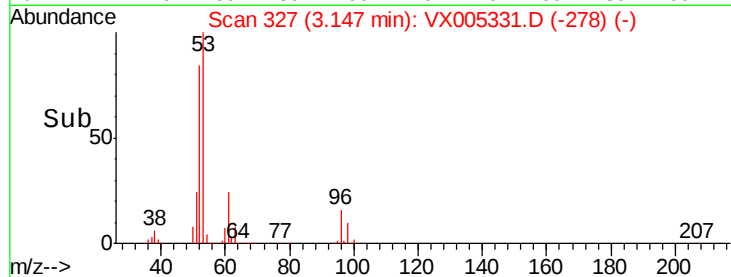
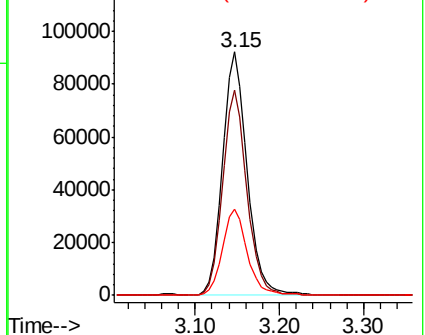


Abundance

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: 94.208 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX005331.D

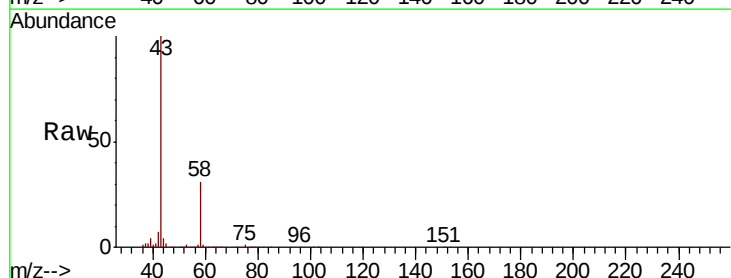
Acq: 15 Oct 2018 09:42

Tgt Ion: 43 Resp: 166198

Ion Ratio Lower Upper

43 100

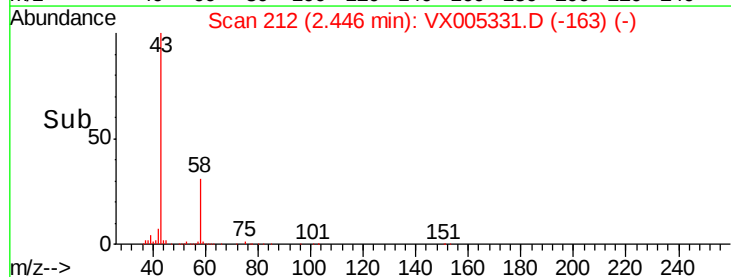
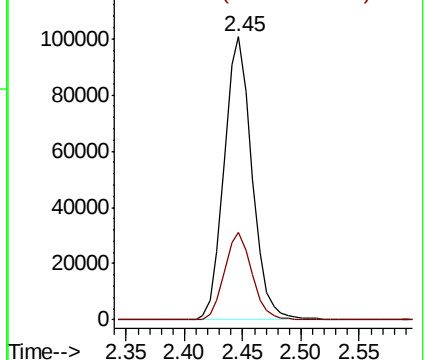
58 31.0 26.2 39.4

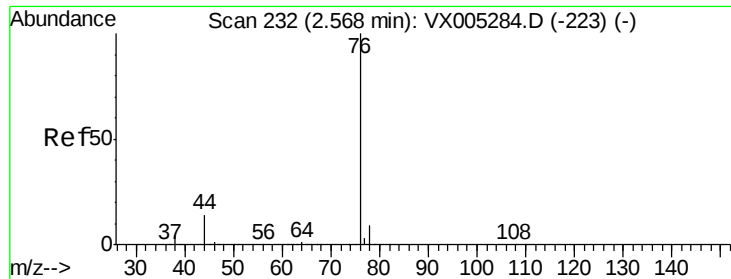


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

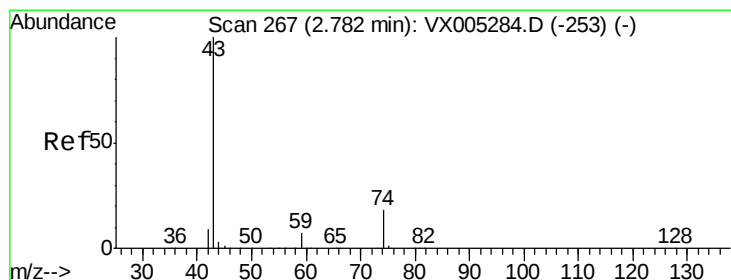
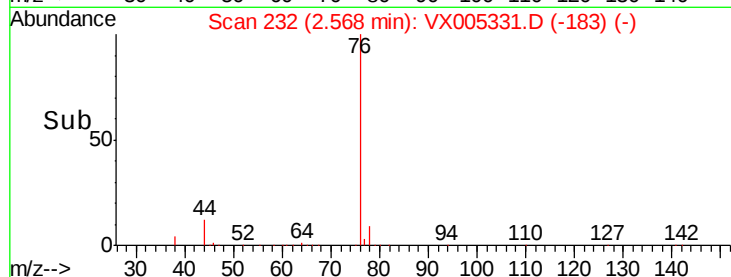
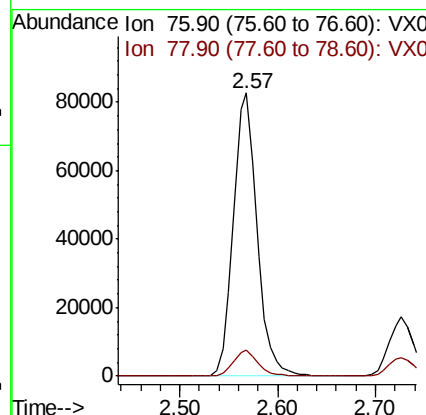
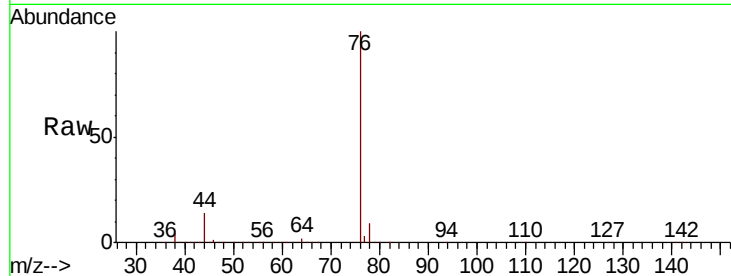




#17
Carbon Disulfide
Concen: 19.111 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX005331.D
Acq: 15 Oct 2018 09:42

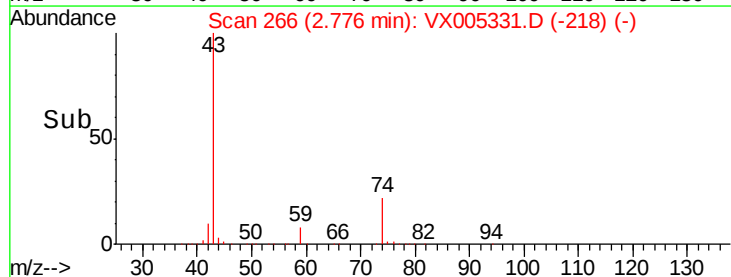
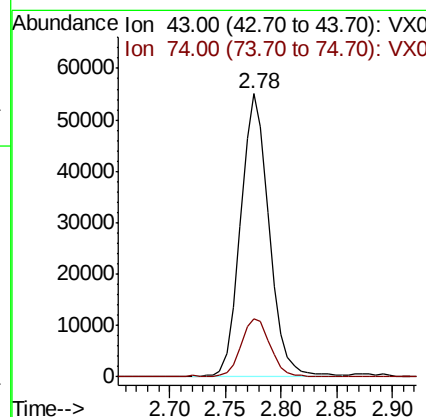
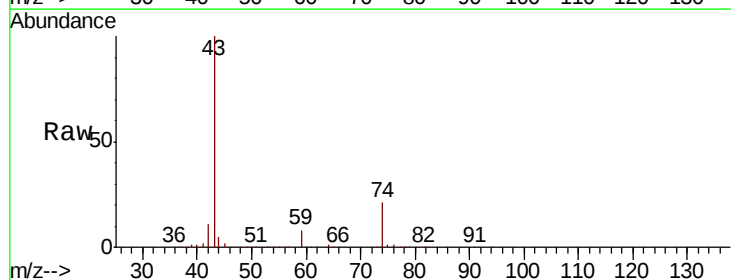
Instrument :
MSVOA_X
ClientSampleId :
VX1015WBS01

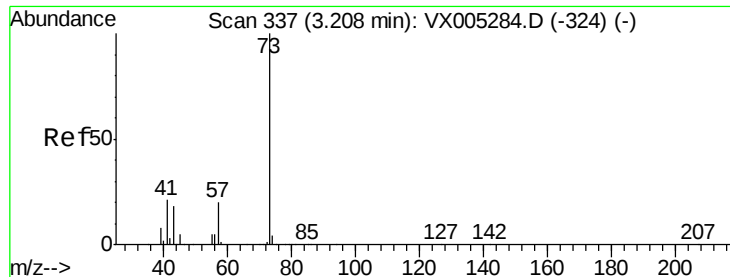
Tot Ion: 76 Resp: 139400
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.6



#18
Methyl Acetate
Concen: 19.261 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005331.D
Acq: 15 Oct 2018 09:42

Tgt Ion: 43 Resp: 96670
Ion Ratio Lower Upper
43 100
74 21.0 19.4 29.2



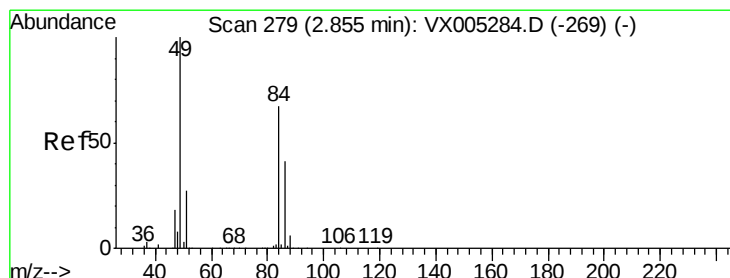
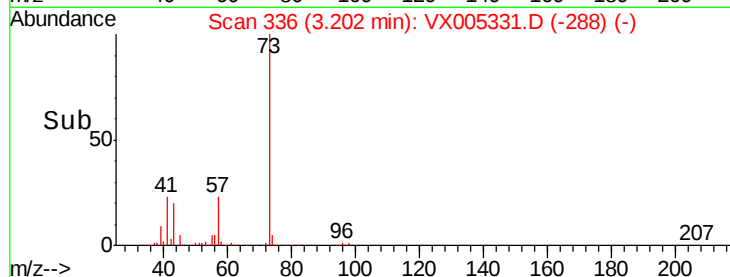
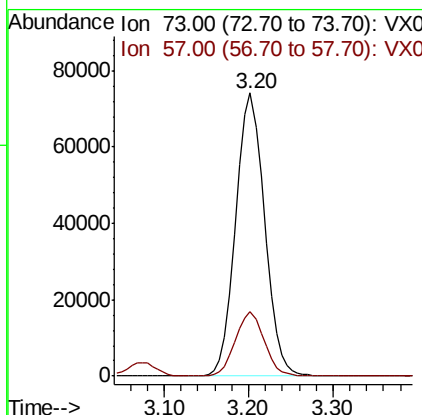
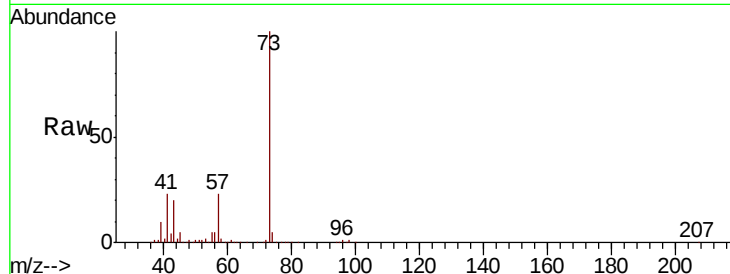


#19

Methyl tert-butyl Ether
 Concen: 20.251 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.01 min
 Lab File: VX005331.D
 Acq: 15 Oct 2018 09:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1015WBS01

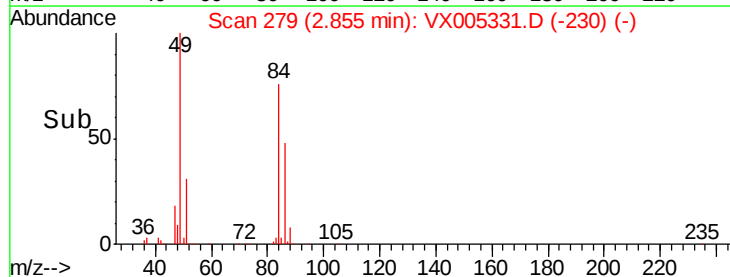
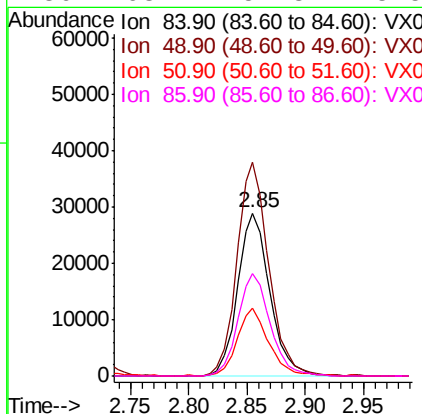
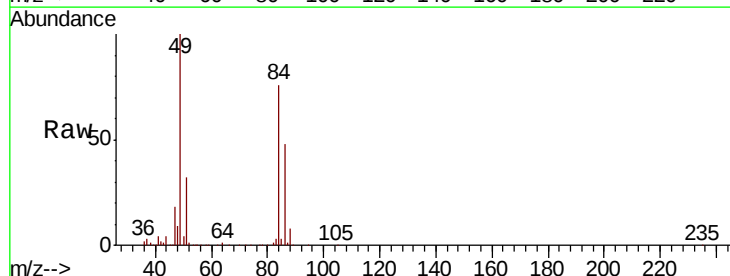
Tot Ion: 73 Resp: 171730
 Ion Ratio Lower Upper
 73 100
 57 22.7 17.1 25.7

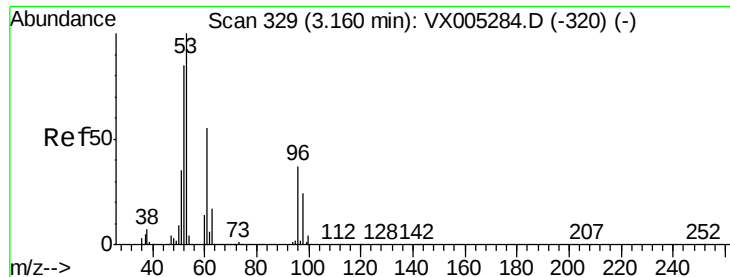


#20

Methylene Chloride
 Concen: 20.816 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX005331.D
 Acq: 15 Oct 2018 09:42

Tgt Ion: 84 Resp: 55471
 Ion Ratio Lower Upper
 84 100
 49 131.2 101.2 151.8
 51 41.0 29.5 44.3
 86 63.2 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 19.332 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX005331.D

Acq: 15 Oct 2018 09:42

Instrument :

MSVOA_X

ClientSampled :

VX1015WBS01

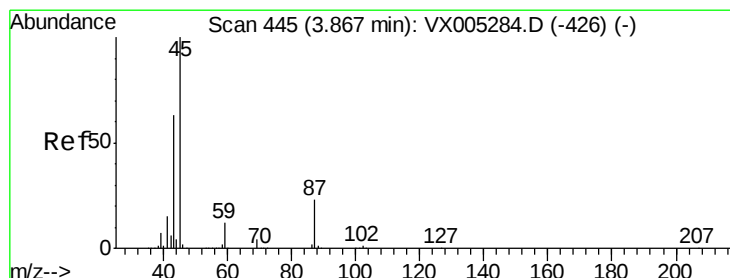
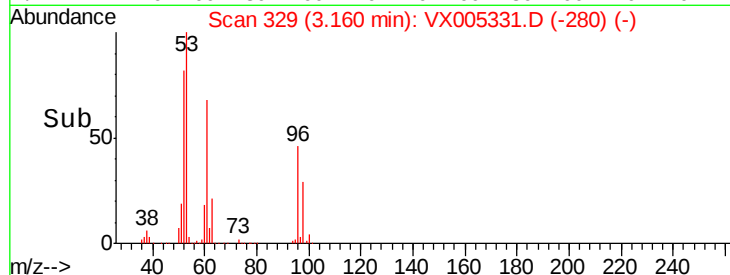
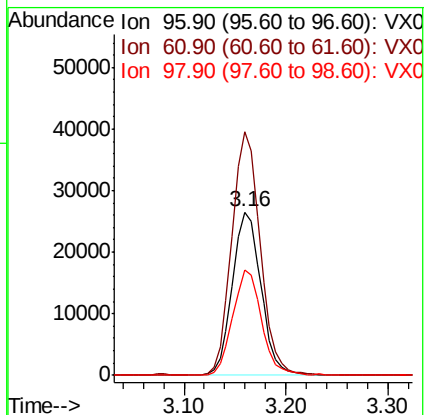
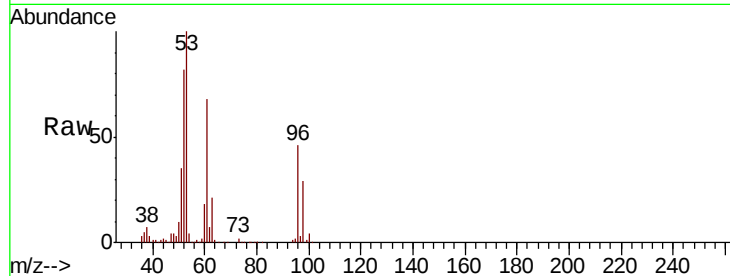
Tot Ion: 96 Resp: 51587

Ion Ratio Lower Upper

96 100

61 149.0 113.8 170.6

98 64.5 51.8 77.8



#22

Diisopropyl ether

Concen: 18.590 ug/l

RT: 3.87 min Scan# 445

Delta R.T. 0.00 min

Lab File: VX005331.D

Acq: 15 Oct 2018 09:42

Tgt Ion: 45 Resp: 165063

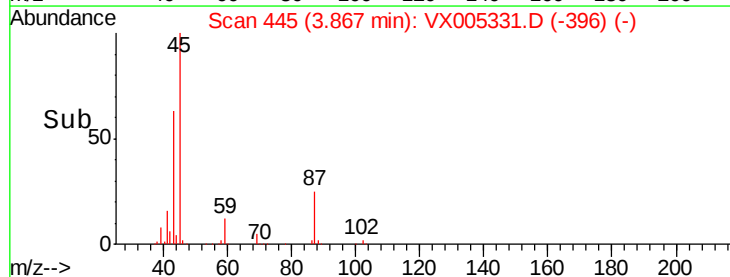
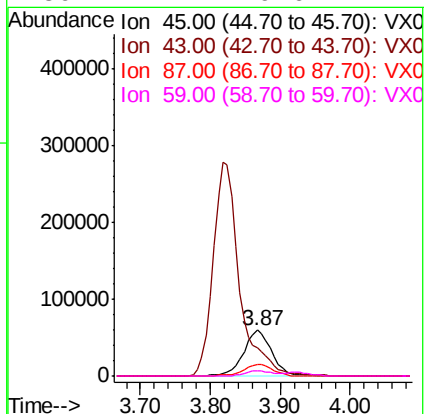
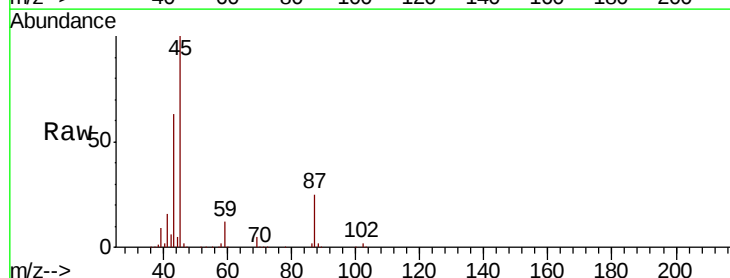
Ion Ratio Lower Upper

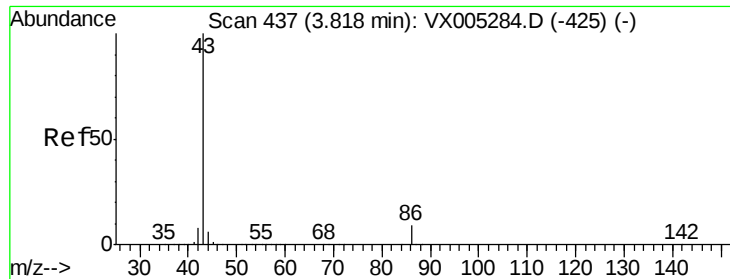
45 100

43 62.2 42.8 64.2

87 25.3 22.6 34.0

59 11.7 9.6 14.4





#23

Vinyl Acetate

Concen: 93.776 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.00 min

Lab File: VX005331.D

Acq: 15 Oct 2018 09:42

Instrument :

MSVOA_X

ClientSampleId :

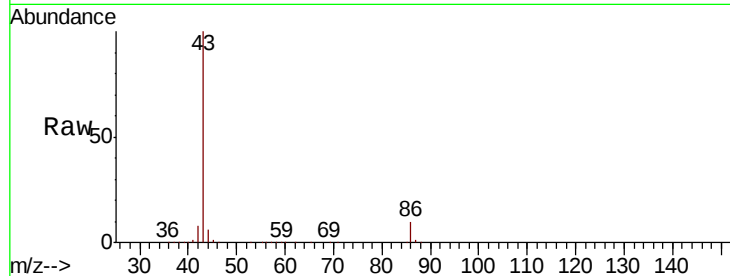
VX1015WBS01

Tot Ion: 43 Resp: 727779

Ion Ratio Lower Upper

43 100

86 10.0 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

300000

250000

200000

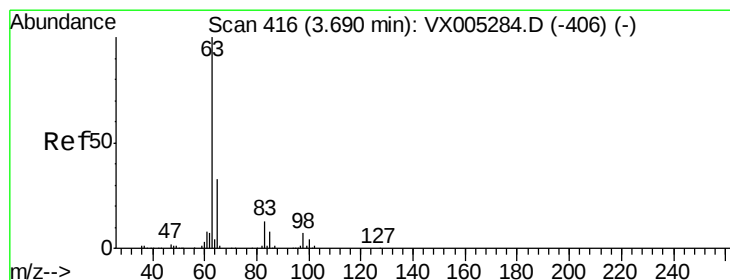
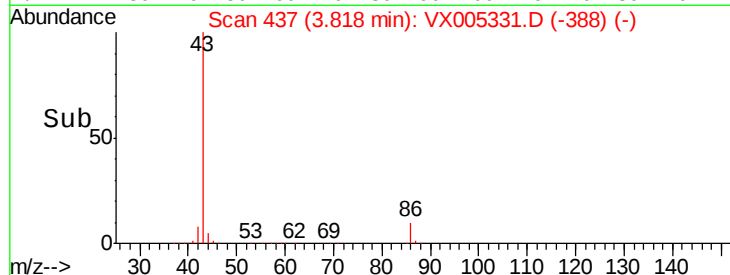
150000

100000

50000

0

Time--> 3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 20.066 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX005331.D

Acq: 15 Oct 2018 09:42

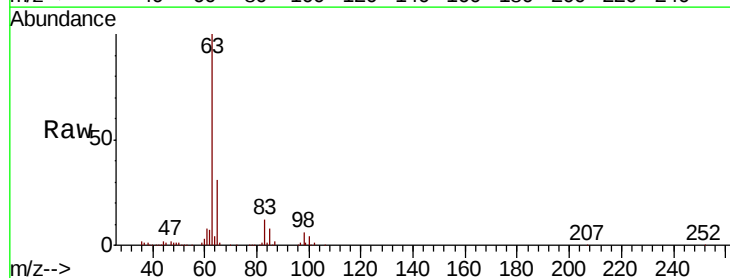
Tgt Ion: 63 Resp: 102112

Ion Ratio Lower Upper

63 100

98 6.2 3.5 10.4

100 3.7 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

50000

40000

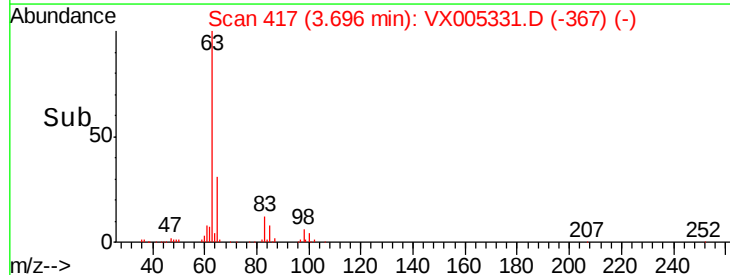
30000

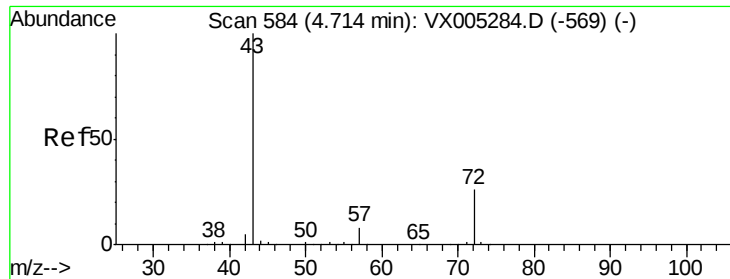
20000

10000

0

Time--> 3.60 3.70 3.80





#25

2-Butanone

Concen: 91.062 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.02 min

Lab File: VX005331.D

Acq: 15 Oct 2018 09:42

Instrument :

MSVOA_X

ClientSampleId :

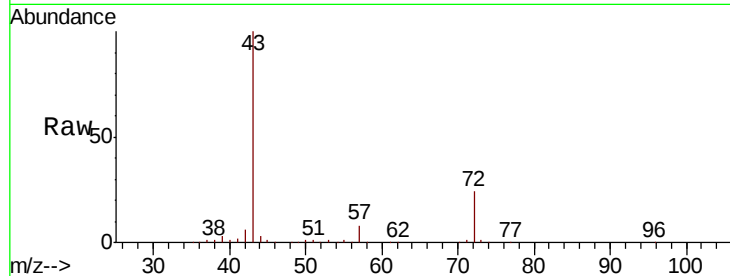
VX1015WBS01

Tot Ion: 43 Resp: 235046

Ion Ratio Lower Upper

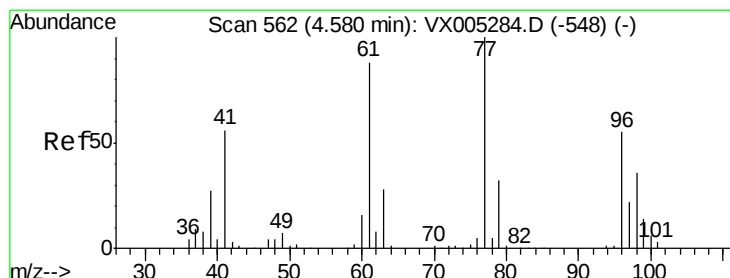
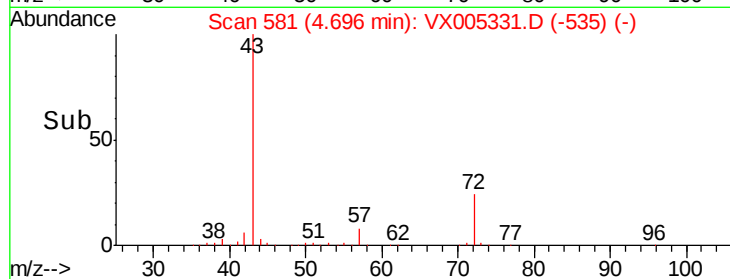
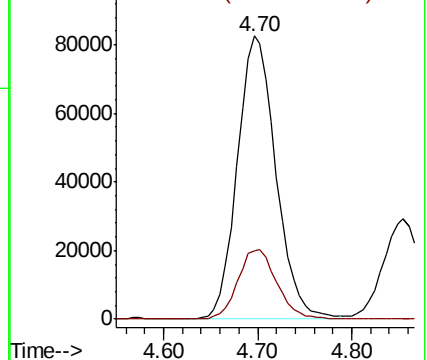
43 100

72 24.3 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: 19.882 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX005331.D

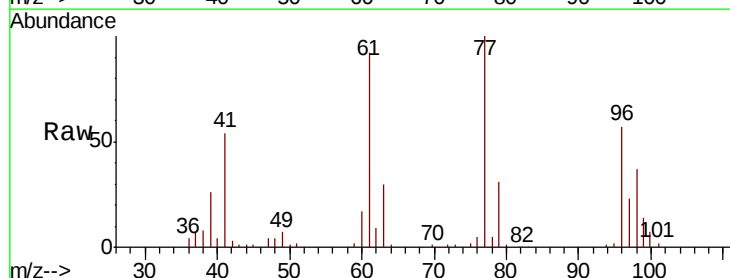
Acq: 15 Oct 2018 09:42

Tgt Ion: 77 Resp: 75670

Ion Ratio Lower Upper

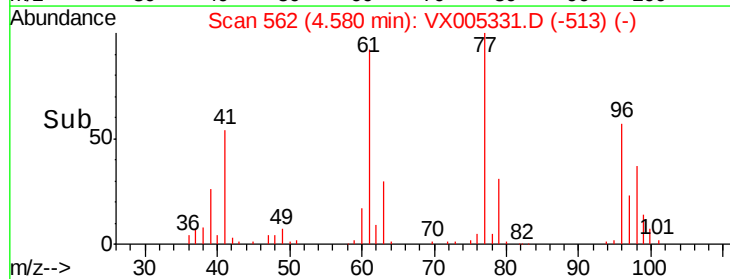
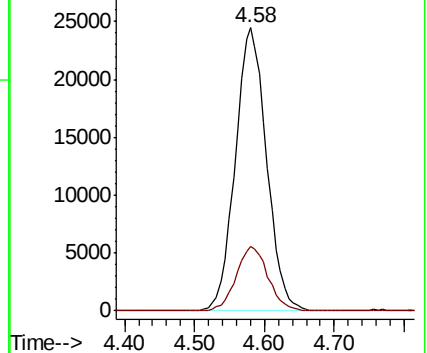
77 100

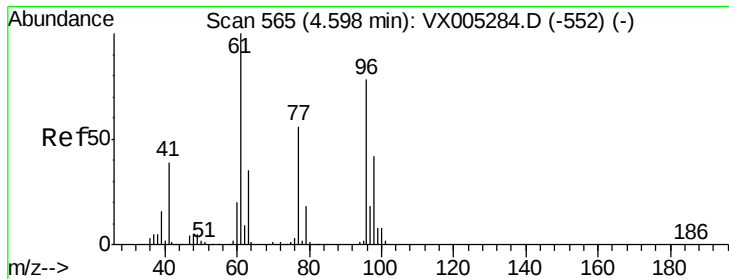
97 23.1 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



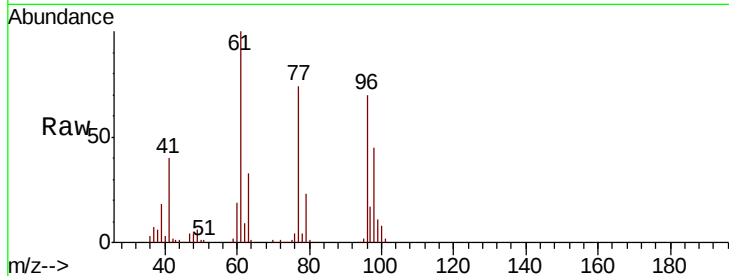


#27

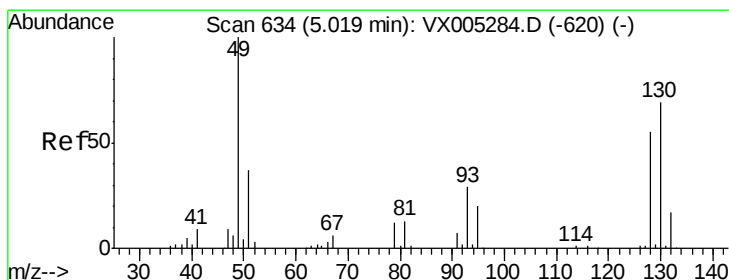
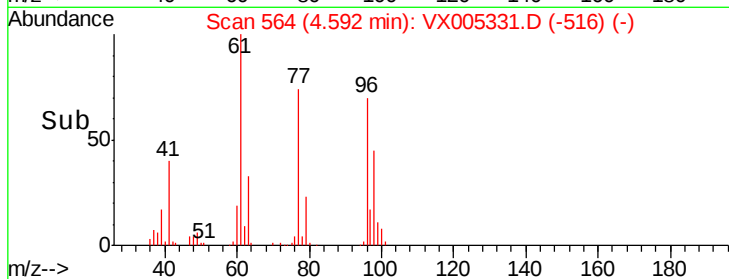
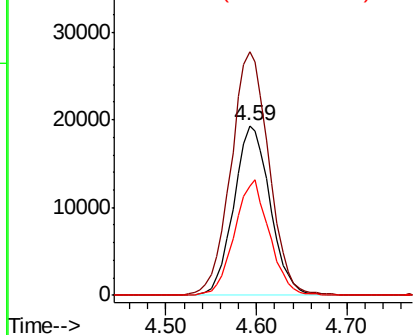
cis-1,2-Dichloroethene
 Concen: 18.574 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX005331.D
 Acq: 15 Oct 2018 09:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1015WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	149.7	0.0	282.6
98	64.9	0.0	130.2



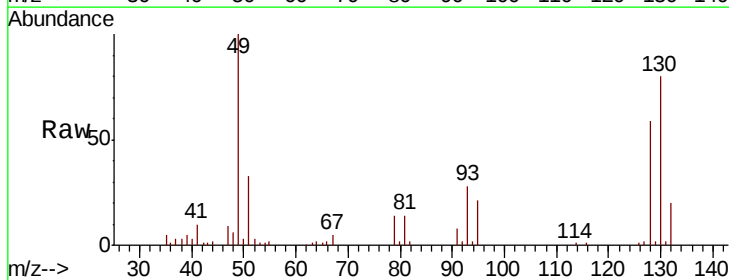
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



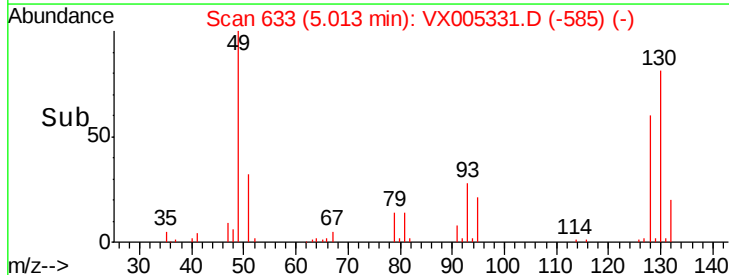
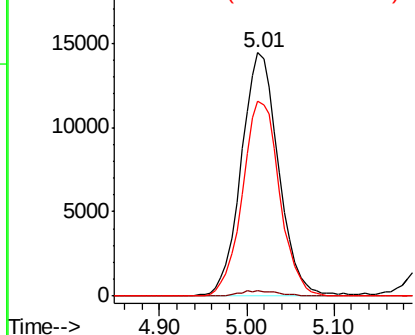
#28

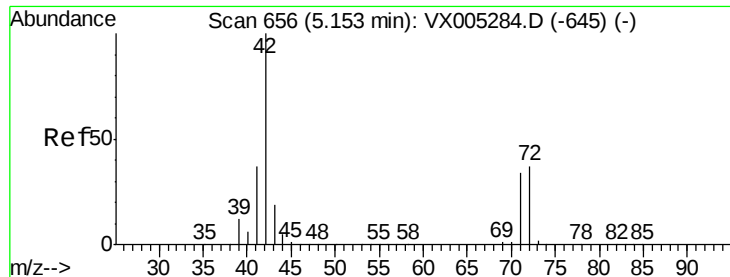
Bromochloromethane
 Concen: 18.412 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: VX005331.D
 Acq: 15 Oct 2018 09:42

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.2
130	79.8	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

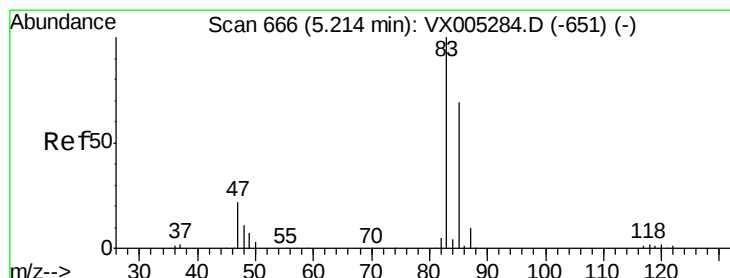
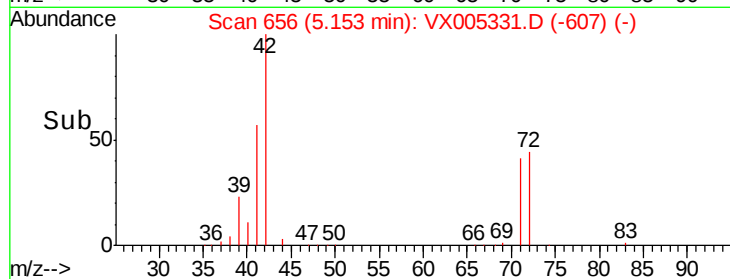
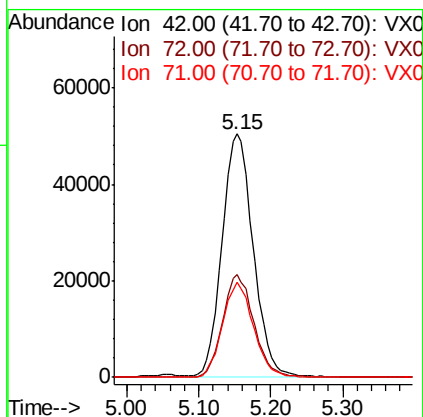
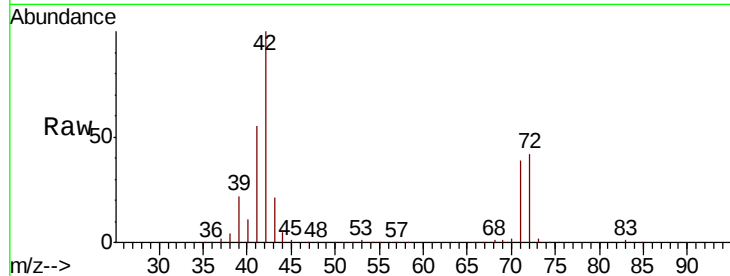




#29
Tetrahydrofuran
Concen: 91.937 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX005331.D
Acq: 15 Oct 2018 09:42

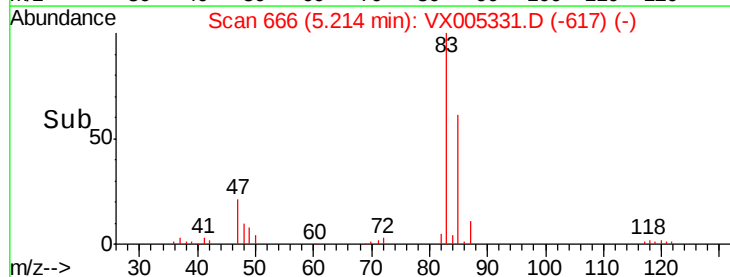
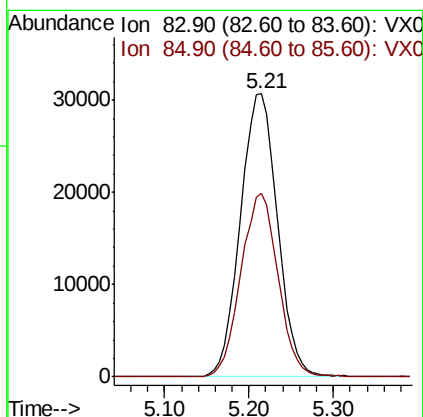
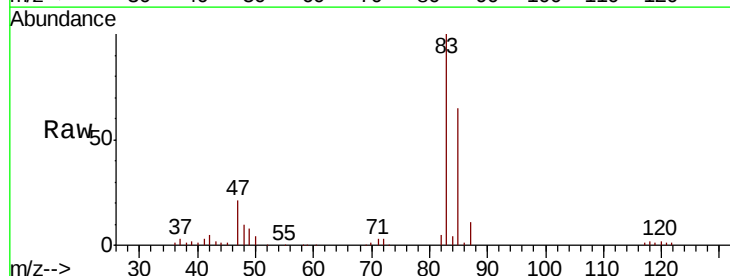
Instrument :
MSVOA_X
ClientSampleId :
VX1015WBS01

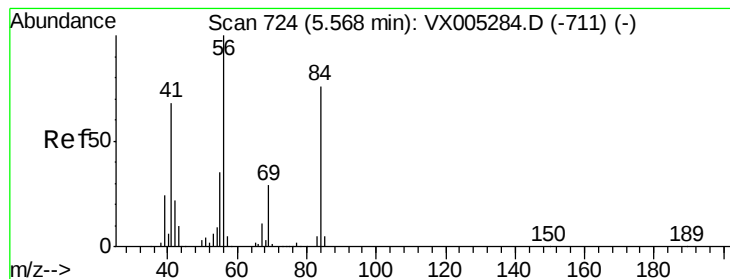
Tot Ion: 42 Resp: 151371
Ion Ratio Lower Upper
42 100
72 42.4 37.4 56.0
71 38.8 34.5 51.7



#30
Chloroform
Concen: 19.528 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX005331.D
Acq: 15 Oct 2018 09:42

Tgt Ion: 83 Resp: 92239
Ion Ratio Lower Upper
83 100
85 64.7 52.6 79.0





#31

Cyclohexane

Concen: 19.442 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.01 min

Lab File: VX005331.D

Acq: 15 Oct 2018 09:42

Instrument :

MSVOA_X

ClientSampleId :

VX1015WBS01

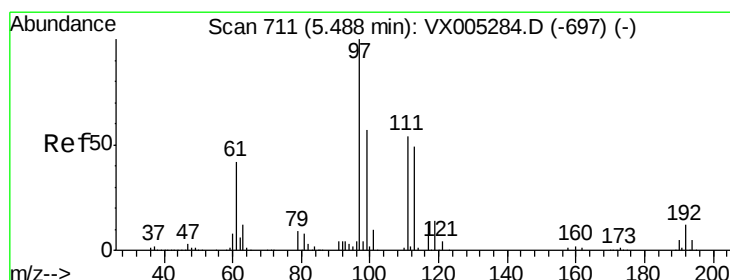
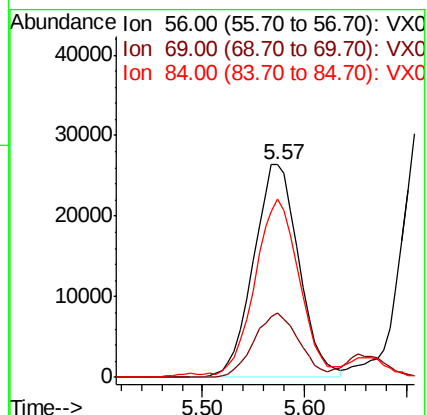
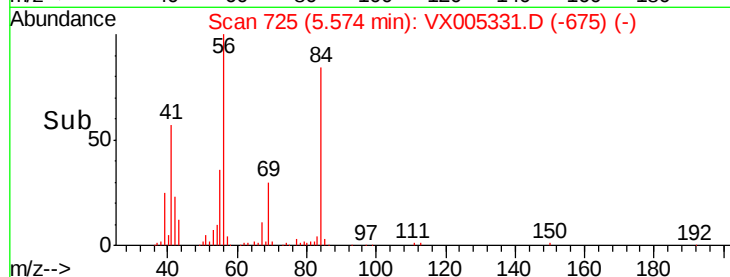
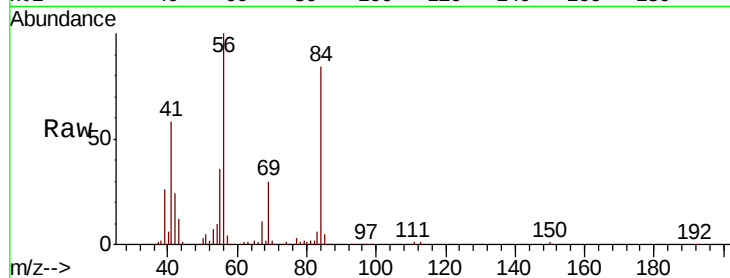
Tot Ion: 56 Resp: 81543

Ion Ratio Lower Upper

56 100

69 30.3 25.4 38.2

84 82.2 71.4 107.2



#32

1,1,1-Trichloroethane

Concen: 19.352 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.01 min

Lab File: VX005331.D

Acq: 15 Oct 2018 09:42

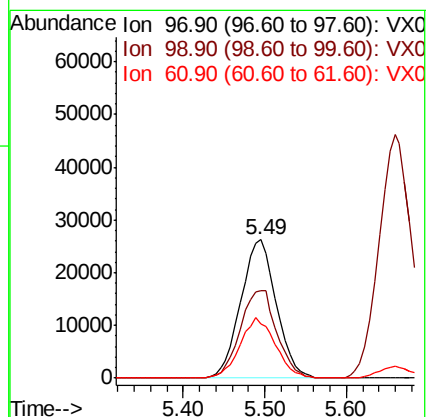
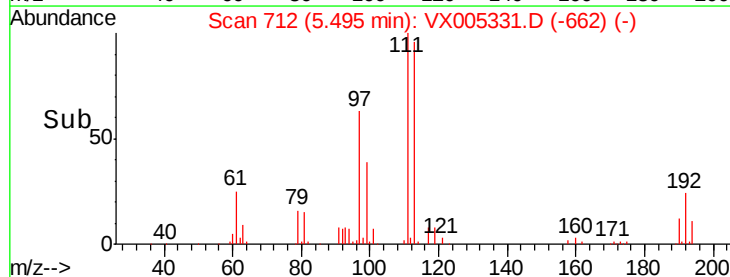
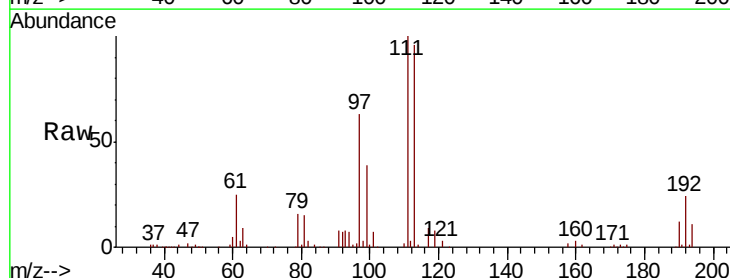
Tgt Ion: 97 Resp: 79537

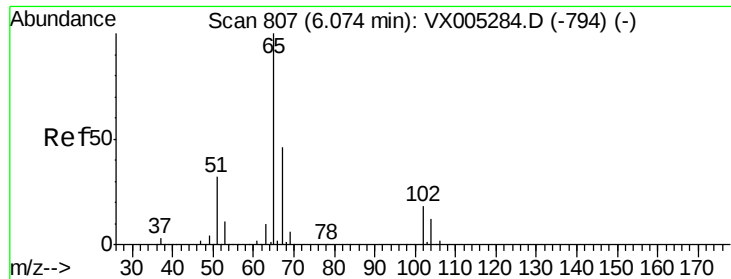
Ion Ratio Lower Upper

97 100

99 65.4 52.0 78.0

61 43.1 34.9 52.3





#33

1,2-Dichloroethane-d4

Concen: 47.755 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX005331.D

Acq: 15 Oct 2018 09:42

Instrument :

MSVOA_X

ClientSampleId :

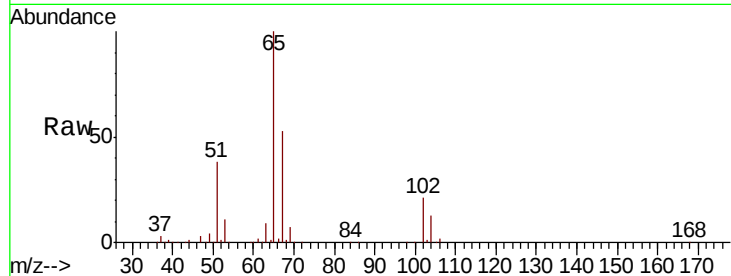
VX1015WBS01

Tot Ion: 65 Resp: 145711

Ion Ratio Lower Upper

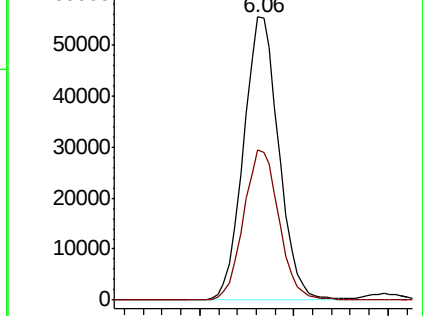
65 100

67 53.3 0.0 106.8

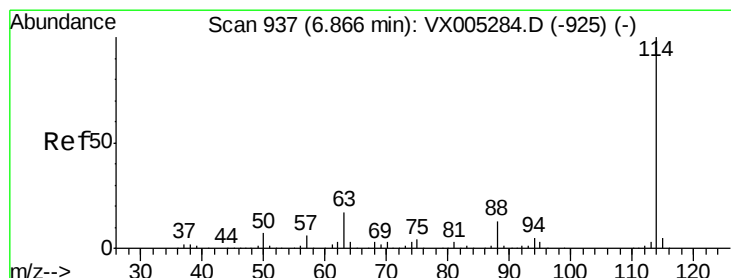
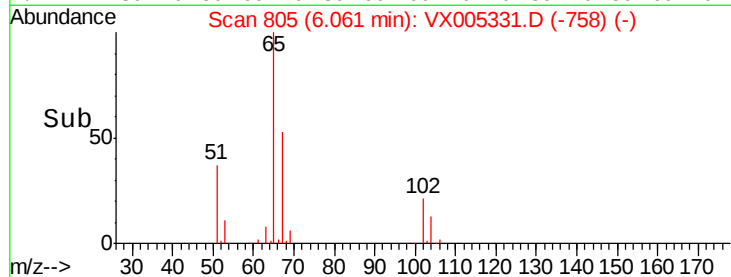


Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.01 min

Lab File: VX005331.D

Acq: 15 Oct 2018 09:42

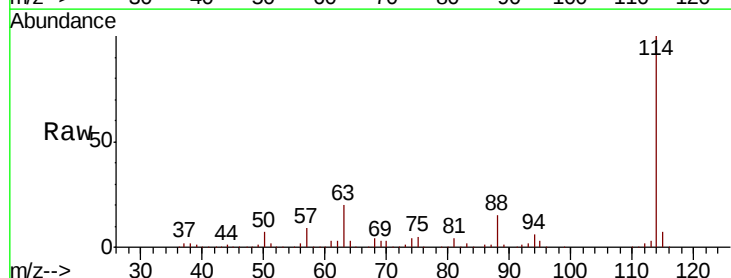
Tgt Ion: 114 Resp: 382386

Ion Ratio Lower Upper

114 100

63 20.3 0.0 39.0

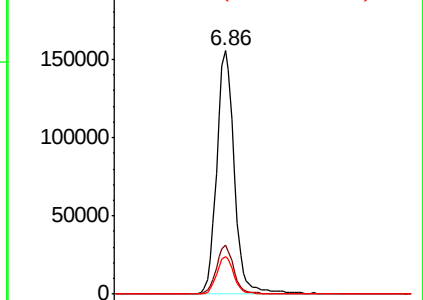
88 15.4 0.0 30.4



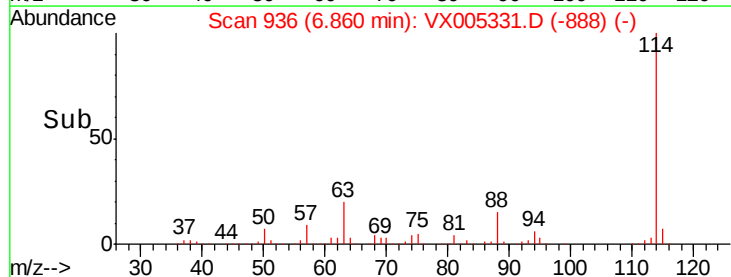
Abundance Ion 113.90 (113.60 to 114.60): V

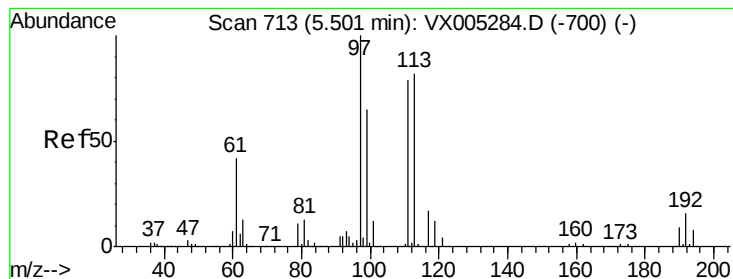
Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



Time-->





#35

Dibromofluoromethane

Concen: 47.139 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX005331.D

Acq: 15 Oct 2018 09:42

Instrument :

MSVOA_X

ClientSampleId :

VX1015WBS01

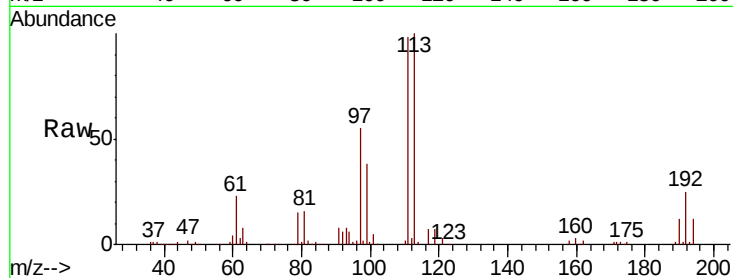
Tot Ion:113 Resp: 119385

Ion Ratio Lower Upper

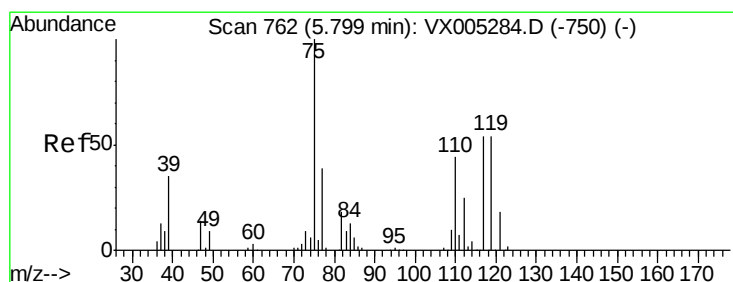
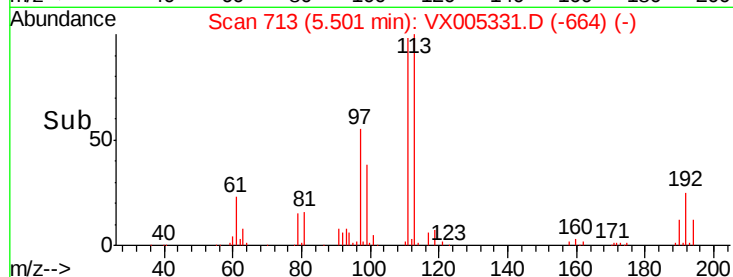
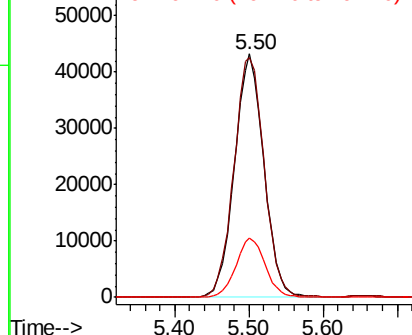
113 100

111 101.8 82.4 123.6

192 24.5 19.4 29.2



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



#36

1,1-Dichloropropene

Concen: 18.408 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX005331.D

Acq: 15 Oct 2018 09:42

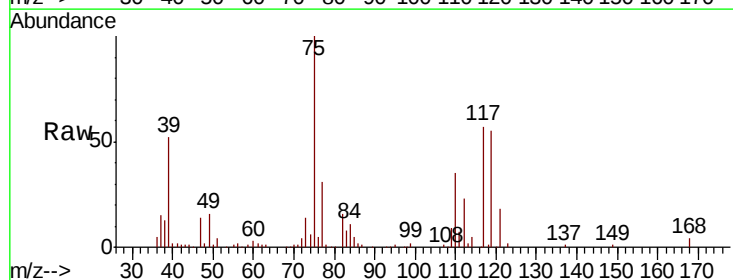
Tgt Ion: 75 Resp: 68172

Ion Ratio Lower Upper

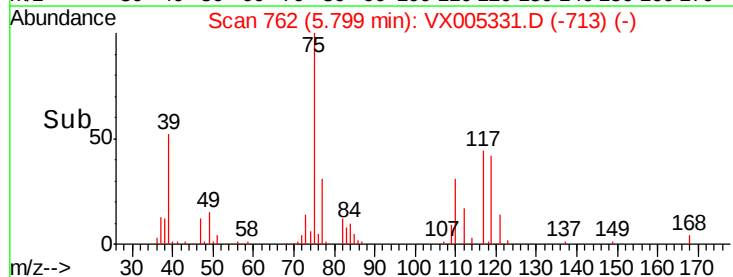
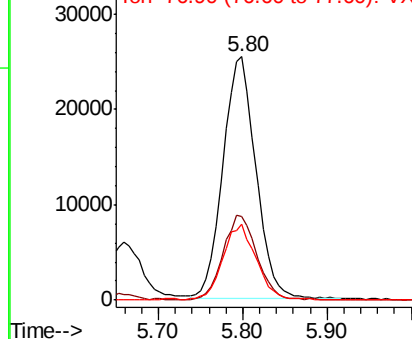
75 100

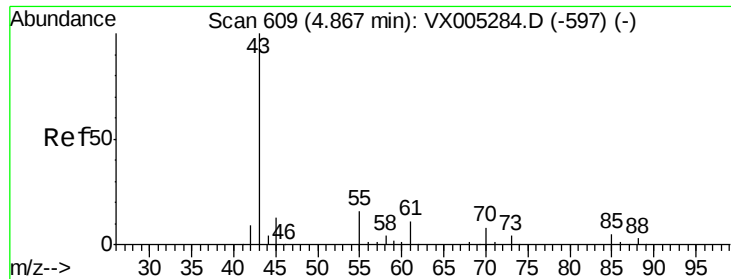
110 36.3 18.0 54.0

77 31.8 24.6 36.8



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

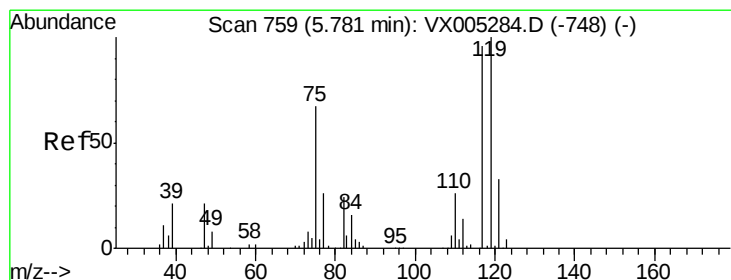
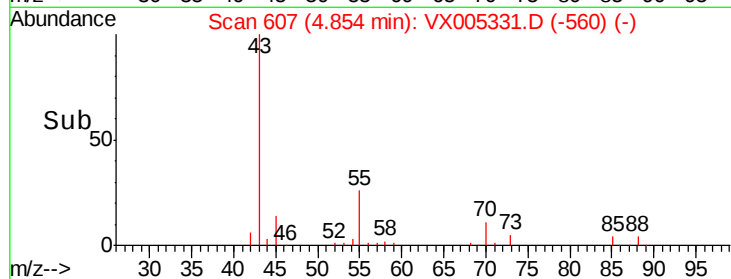
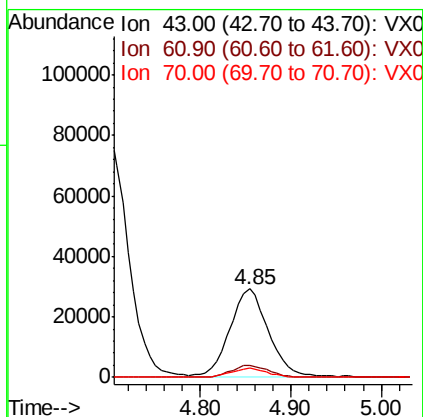
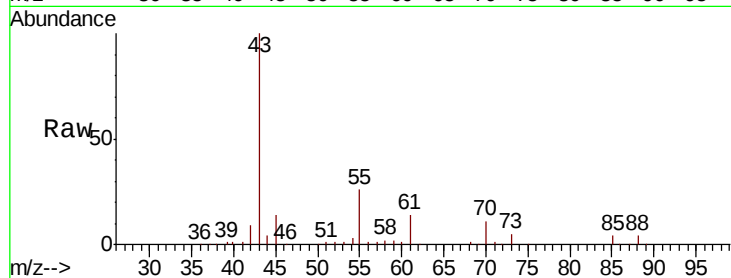




#37
Ethyl Acetate
Concen: 17.770 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX005331.D
Acq: 15 Oct 2018 09:42

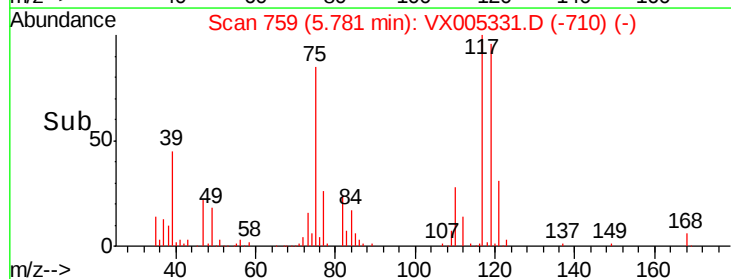
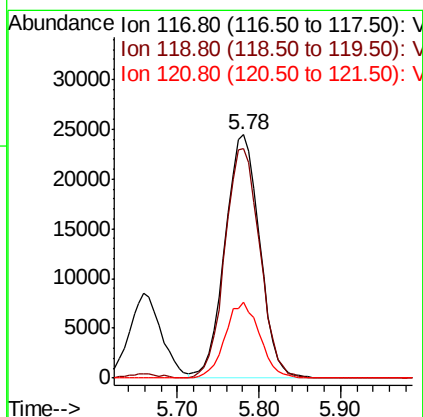
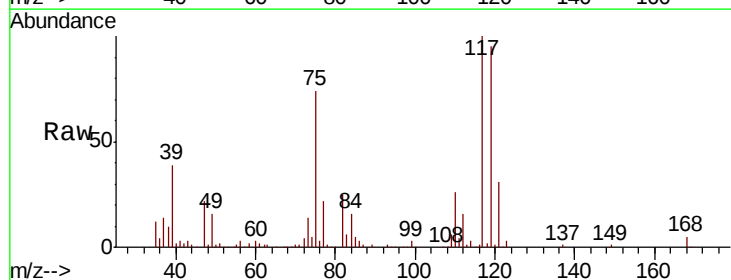
Instrument :
MSVOA_X
ClientSampled :
VX1015WBS01

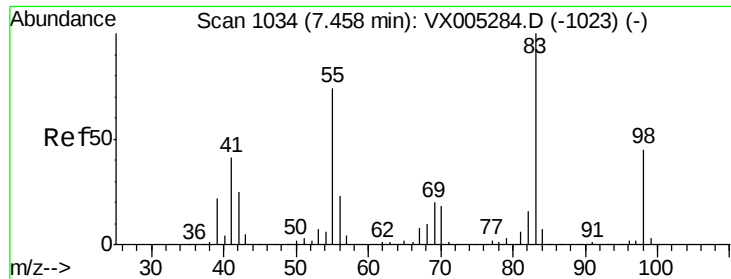
Tot Ion: 43 Resp: 84633
Ion Ratio Lower Upper
43 100
61 13.7 11.5 17.3
70 10.3 9.0 13.6



#38
Carbon Tetrachloride
Concen: 19.311 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX005331.D
Acq: 15 Oct 2018 09:42

Tgt Ion: 117 Resp: 71860
Ion Ratio Lower Upper
117 100
119 94.5 78.8 118.2
121 31.0 24.9 37.3

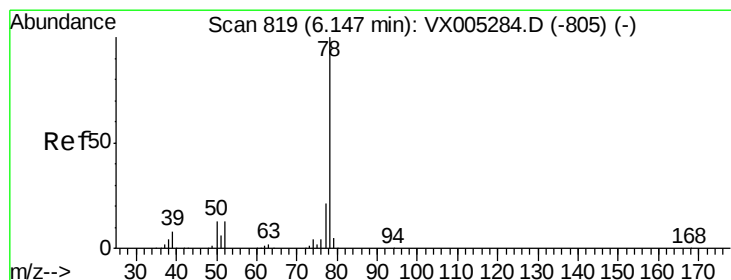
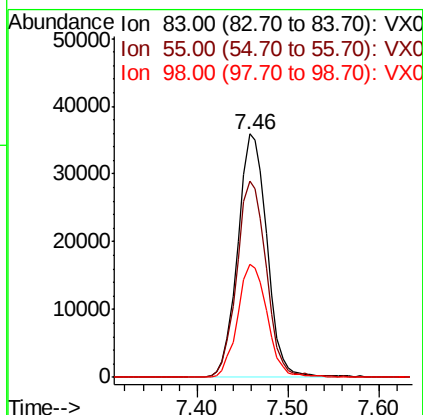
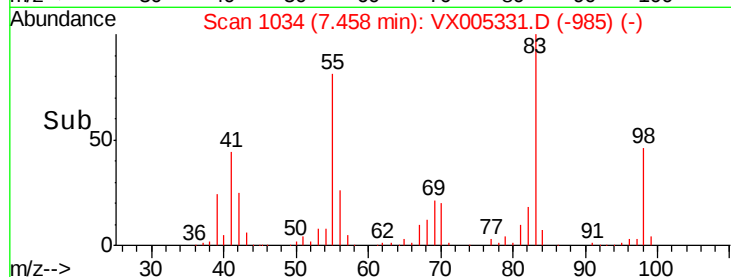
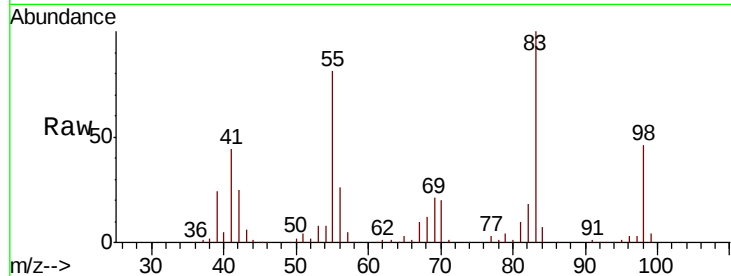




#39
Methvlcvclohexane
Concen: 20.063 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX005331.D
Acq: 15 Oct 2018 09:42

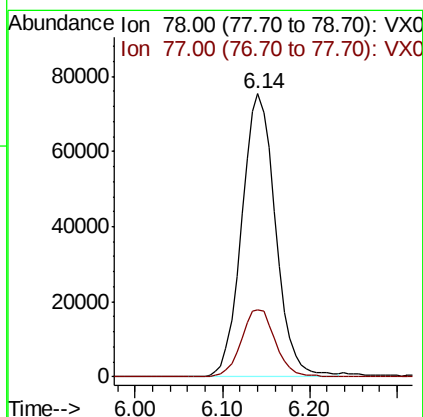
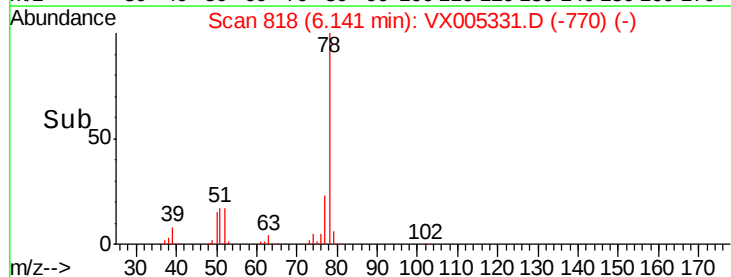
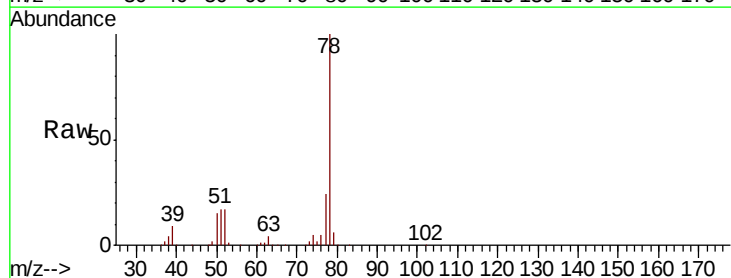
Instrument :
MSVOA_X
ClientSampleId :
VX1015WBS01

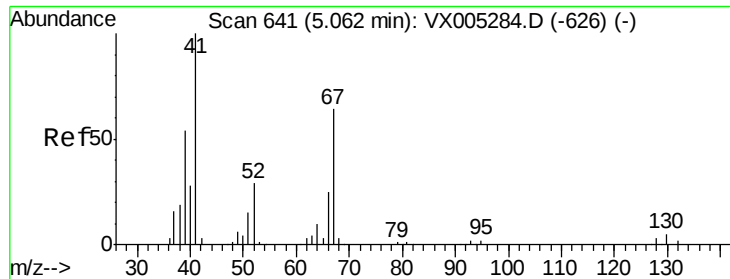
Tot Ion: 83 Resp: 80417
Ion Ratio Lower Upper
83 100
55 80.8 61.0 91.4
98 46.5 39.6 59.4



#40
Benzene
Concen: 18.175 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX005331.D
Acq: 15 Oct 2018 09:42

Tgt Ion: 78 Resp: 201909
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.4

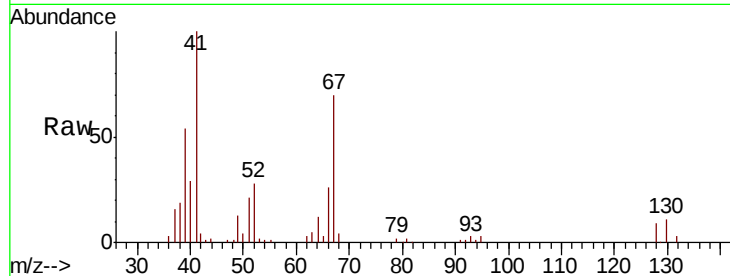




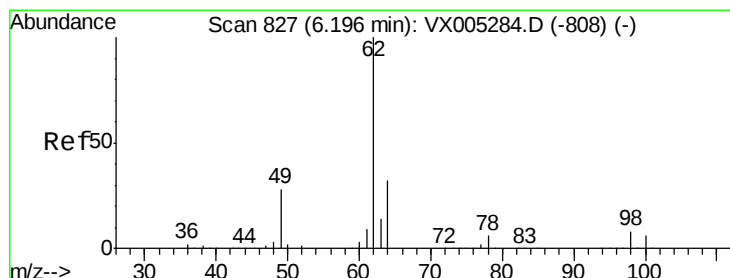
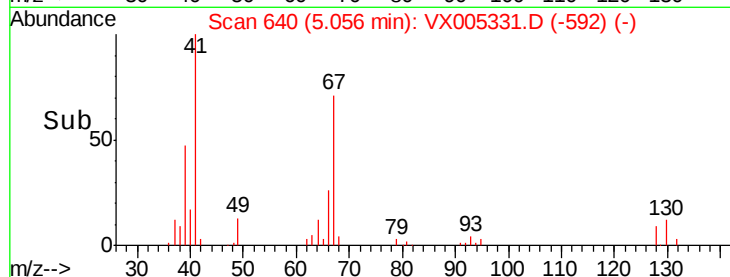
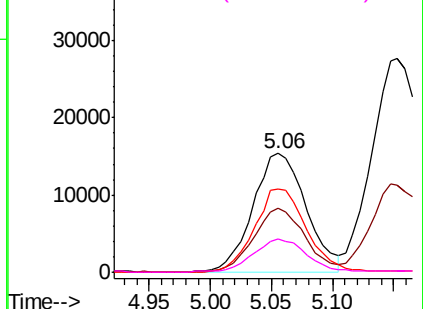
#41
Methacrylonitrile
Concen: 18.345 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX005331.D
Acq: 15 Oct 2018 09:42

Instrument :
MSVOA_X
ClientSampleId :
VX1015WBS01

Tot Ion:	41	Resp:	46839
Ion	Ratio	Lower	Upper
41	100		
39	52.3	42.4	63.6
67	69.2	59.2	88.8
52	28.4	23.0	34.4

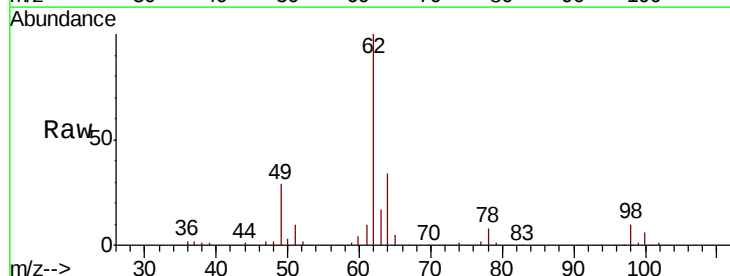


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

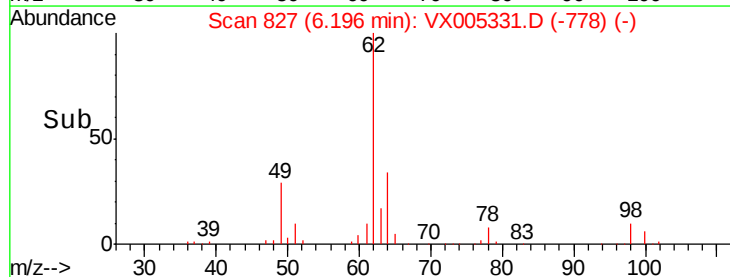
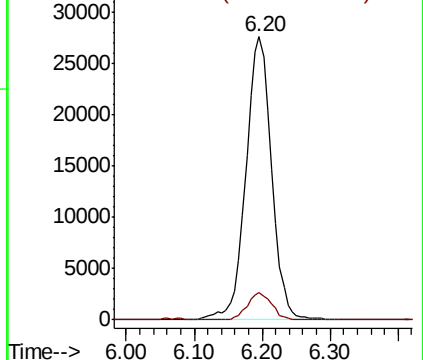


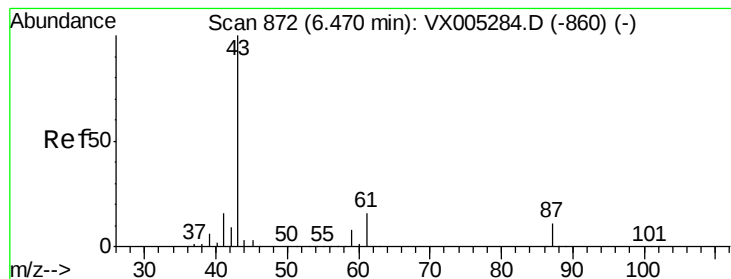
#42
1,2-Dichloroethane
Concen: 18.552 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX005331.D
Acq: 15 Oct 2018 09:42

Tgt Ion:	62	Resp:	72775
Ion	Ratio	Lower	Upper
62	100		
98	9.3	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: 19.509 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.01 min

Lab File: VX005331.D

Acq: 15 Oct 2018 09:42

Instrument :

MSVOA_X

ClientSampleId :

VX1015WBS01

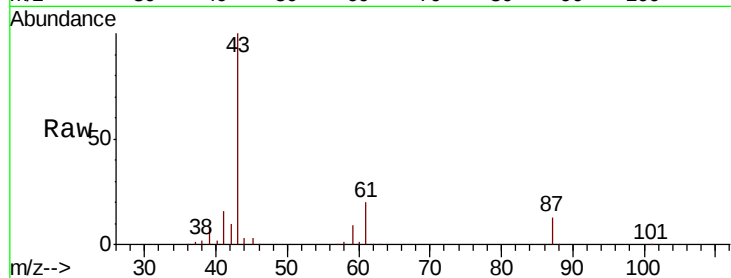
Tot Ion: 43 Resp: 123770

Ion Ratio Lower Upper

43 100

61 20.1 17.0 25.4

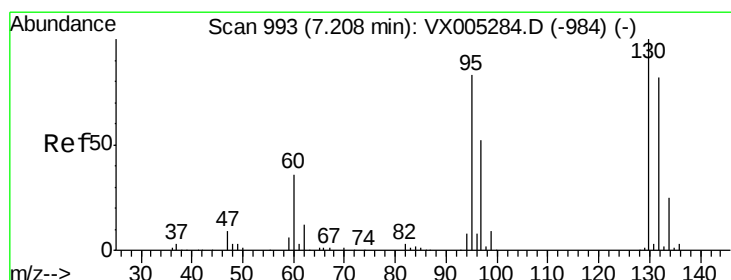
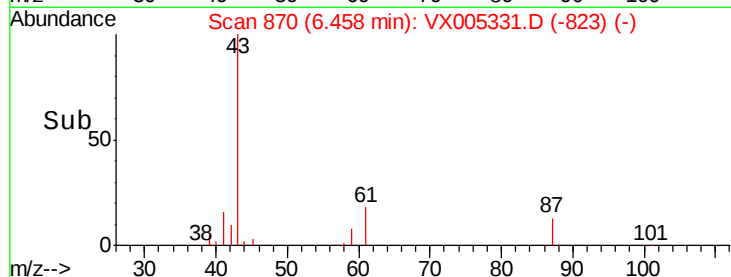
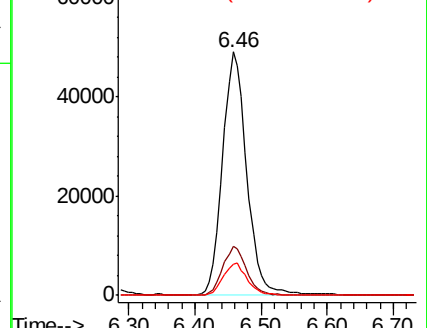
87 13.3 11.4 17.2



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: 19.594 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.01 min

Lab File: VX005331.D

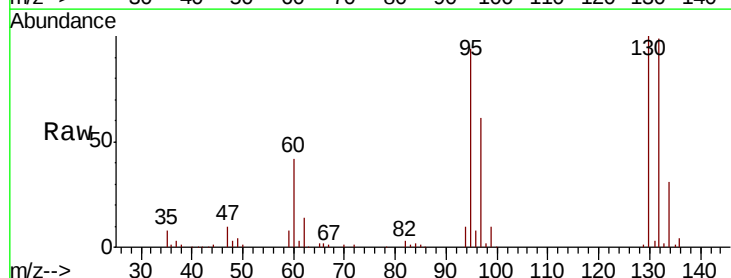
Acq: 15 Oct 2018 09:42

Tgt Ion: 130 Resp: 56655

Ion Ratio Lower Upper

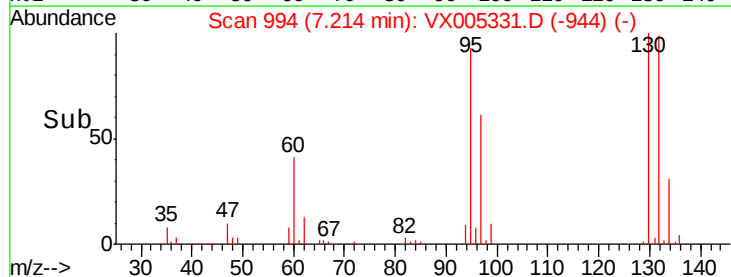
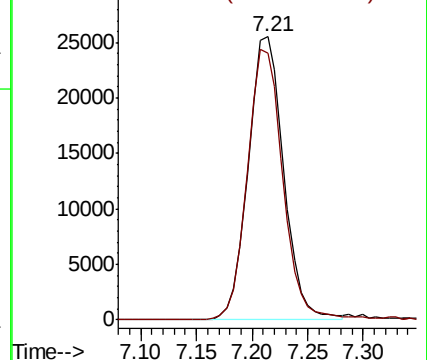
130 100

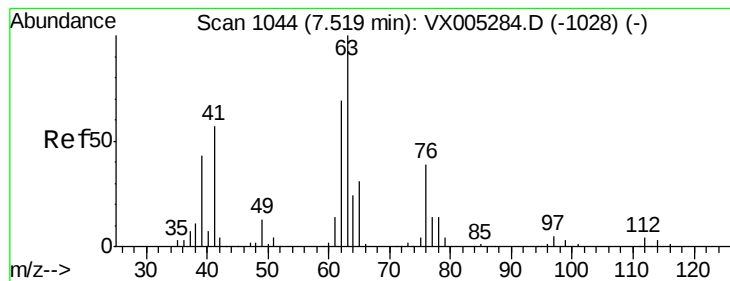
95 94.1 0.0 181.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 20.036 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX005331.D

Acq: 15 Oct 2018 09:42

Instrument :

MSVOA_X

ClientSampleId :

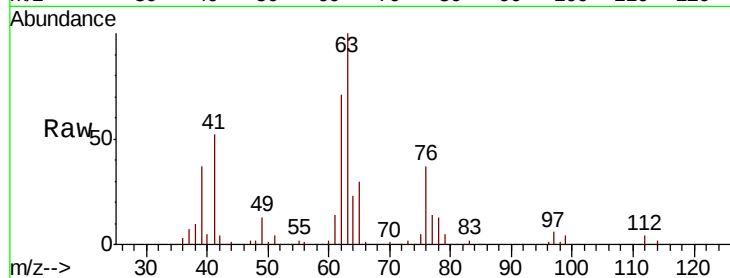
VX1015WBS01

Tot Ion: 63 Resp: 54601

Ion Ratio Lower Upper

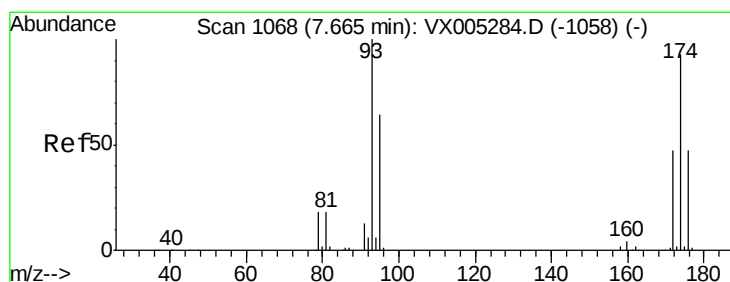
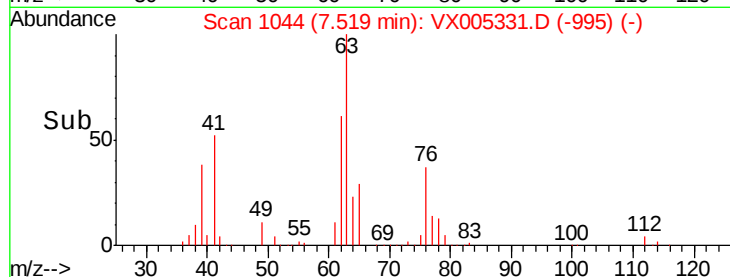
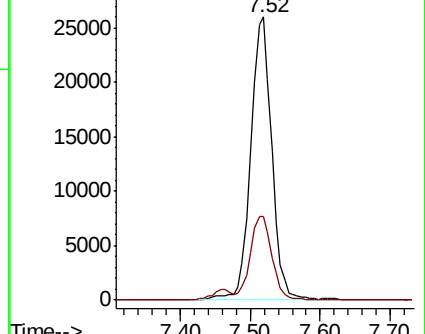
63 100

65 29.8 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: 19.299 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VX005331.D

Acq: 15 Oct 2018 09:42

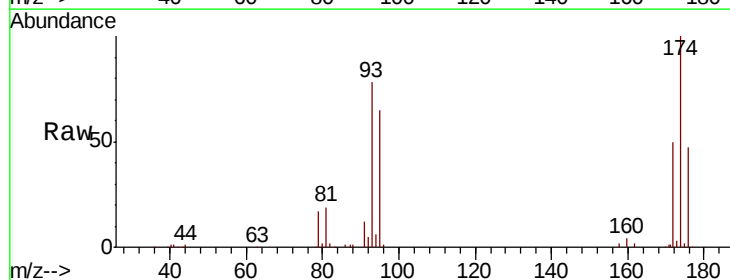
Tgt Ion: 93 Resp: 34712

Ion Ratio Lower Upper

93 100

95 84.6 65.5 98.3

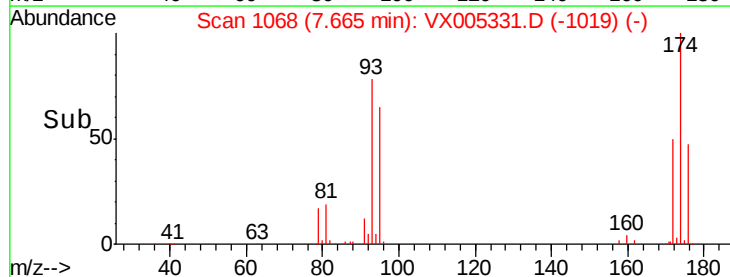
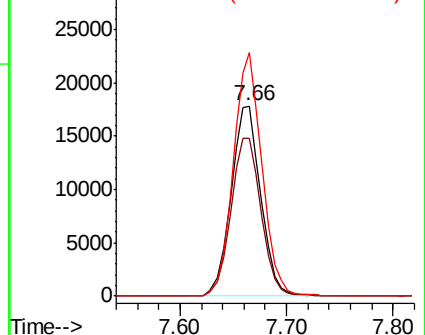
174 123.2 94.2 141.4

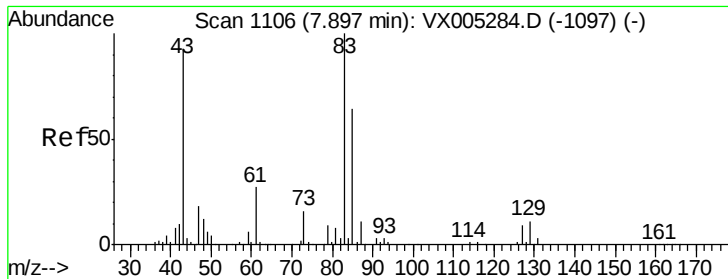


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.079 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX005331.D

Acq: 15 Oct 2018 09:42

Instrument :
MSVOA_X
ClientSampleId :
VX1015WBS01

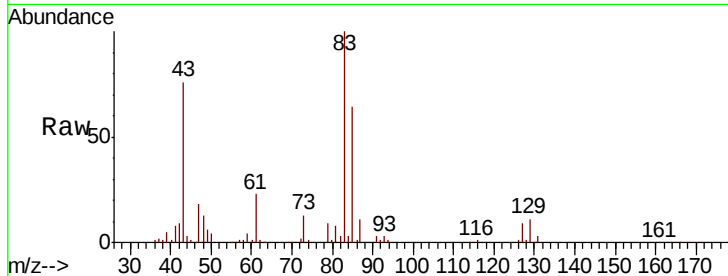
Tot Ion: 83 Resp: 66800

Ion Ratio Lower Upper

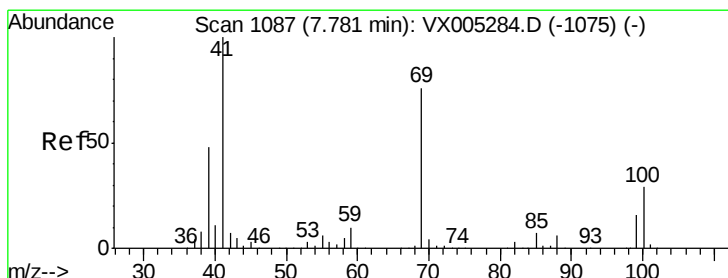
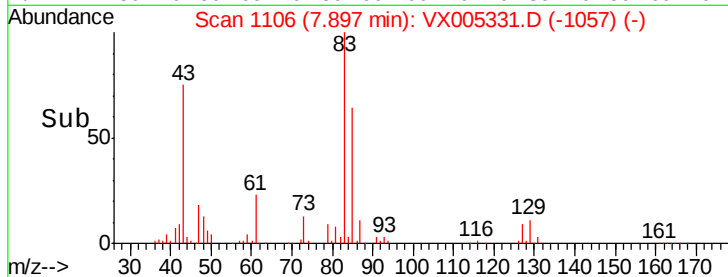
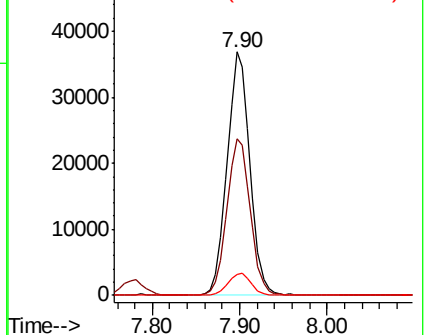
83 100

85 64.3 50.9 76.3

127 8.6 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: 19.481 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX005331.D

Acq: 15 Oct 2018 09:42

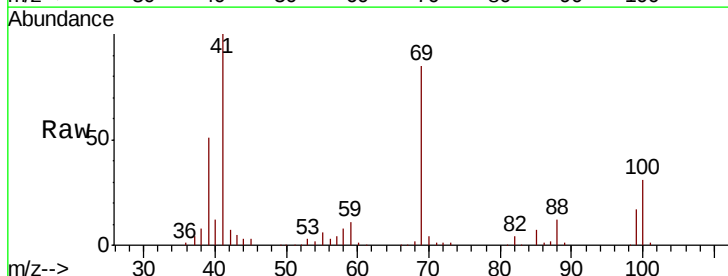
Tgt Ion: 41 Resp: 64103

Ion Ratio Lower Upper

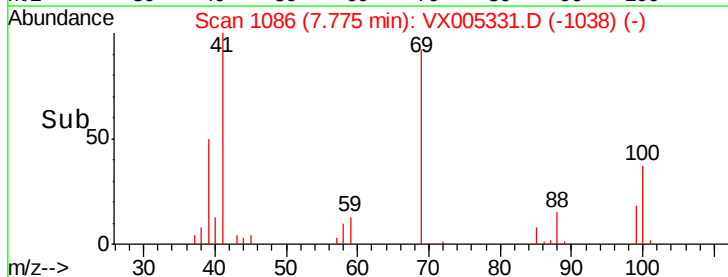
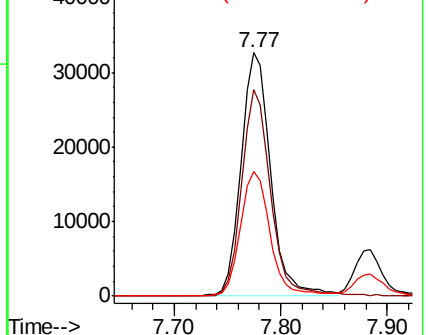
41 100

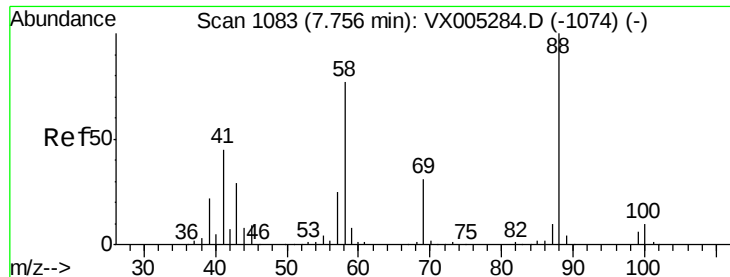
69 82.5 70.2 105.4

39 51.2 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



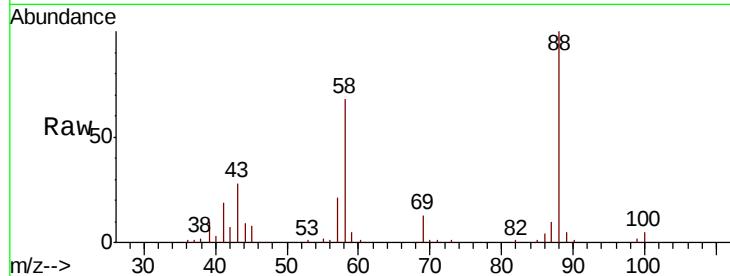


#49
 1,4-Dioxane
 Concen: 403.945 ug/l
 RT: 7.75 min Scan# 1082
 Delta R.T. -0.01 min
 Lab File: VX005331.D
 Acq: 15 Oct 2018 09:42

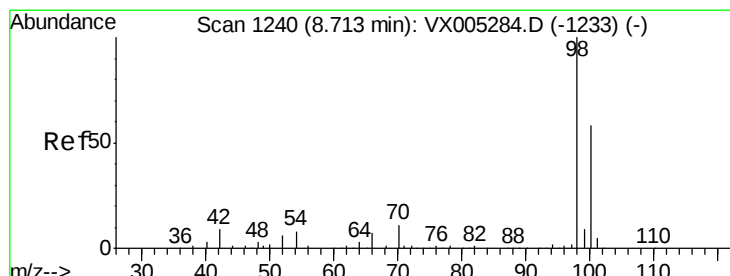
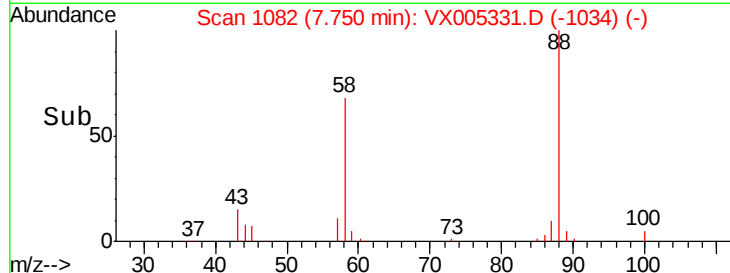
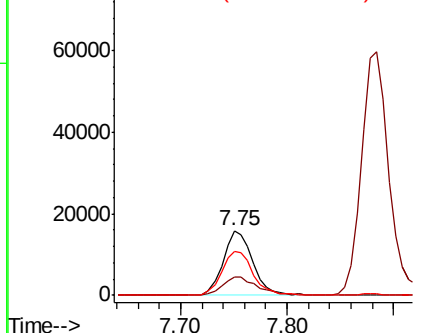
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1015WBS01

Tot Ion: 88 Resp: 30657

Ion	Ratio	Lower	Upper
88	100		
43	32.6	24.7	37.1
58	72.0	55.3	82.9



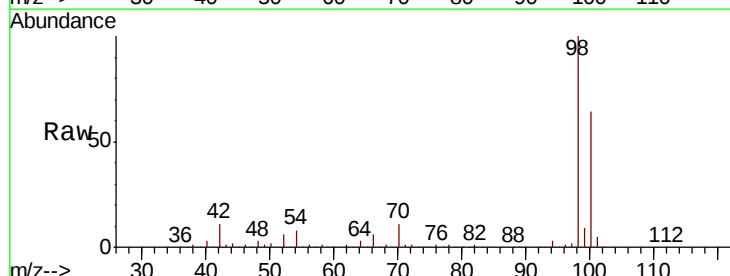
Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0



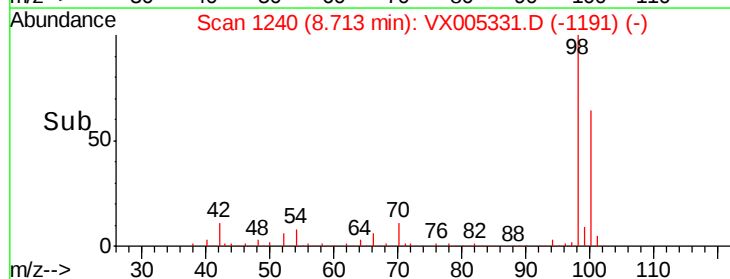
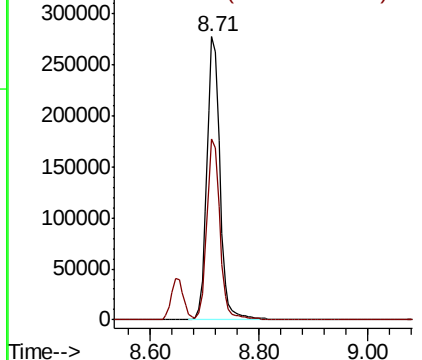
#50
 Toluene-d8
 Concen: 53.027 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX005331.D
 Acq: 15 Oct 2018 09:42

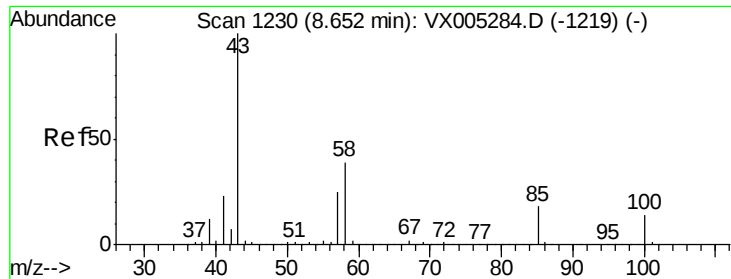
Tgt Ion: 98 Resp: 461055

Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.9	79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 100.361 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.01 min

Lab File: VX005331.D

Acq: 15 Oct 2018 09:42

Instrument :

MSVOA_X

ClientSampleId :

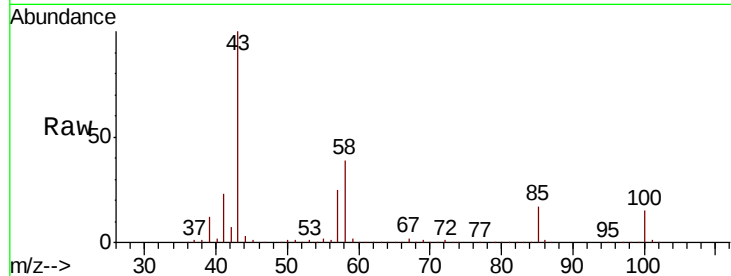
VX1015WBS01

Tot Ion: 43 Resp: 440875

Ion Ratio Lower Upper

43 100

58 38.2 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

300000

250000

200000

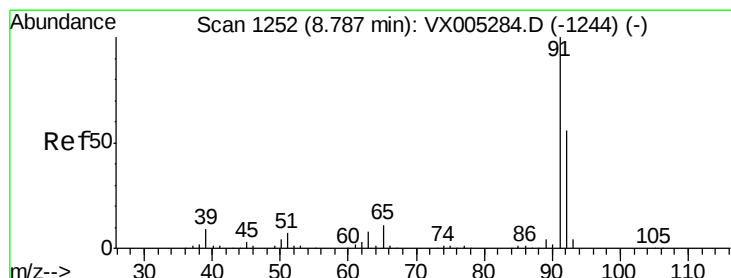
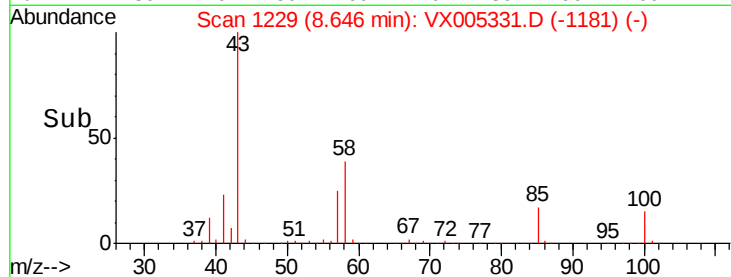
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 21.693 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX005331.D

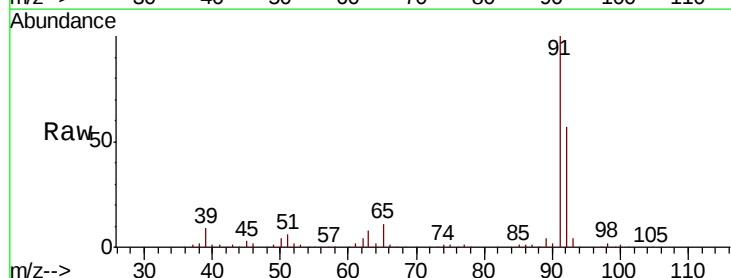
Acq: 15 Oct 2018 09:42

Tgt Ion: 92 Resp: 131847

Ion Ratio Lower Upper

92 100

91 172.7 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

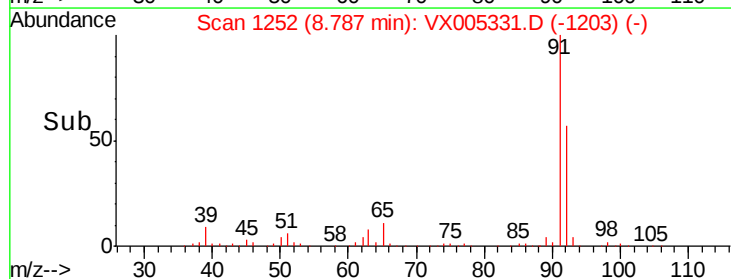
150000

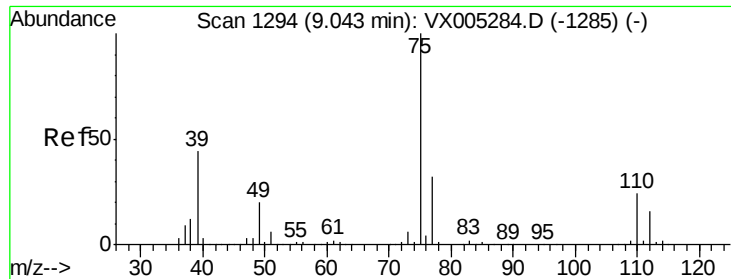
100000

50000

0

Time-->

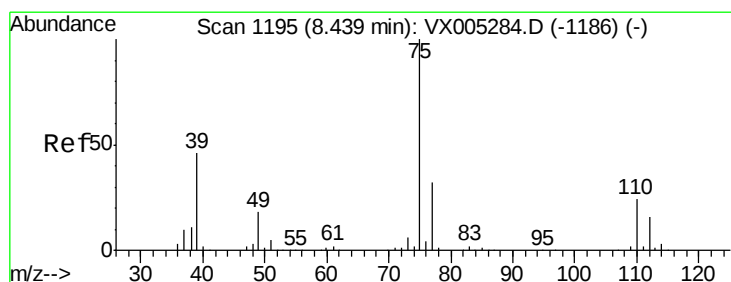
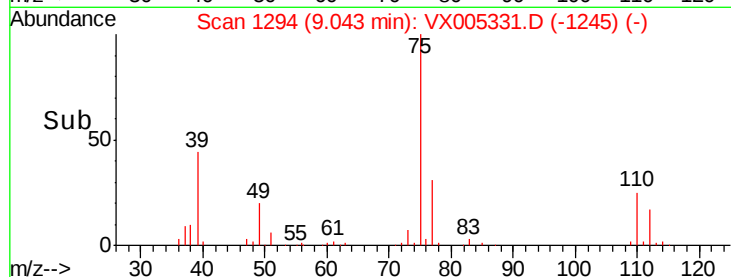
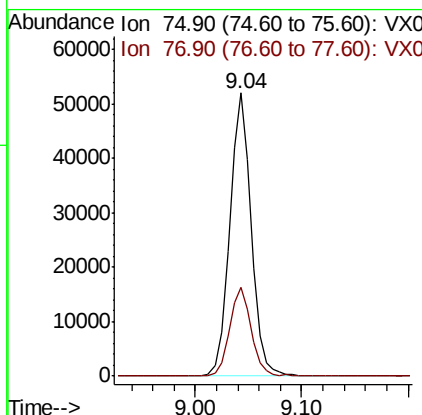
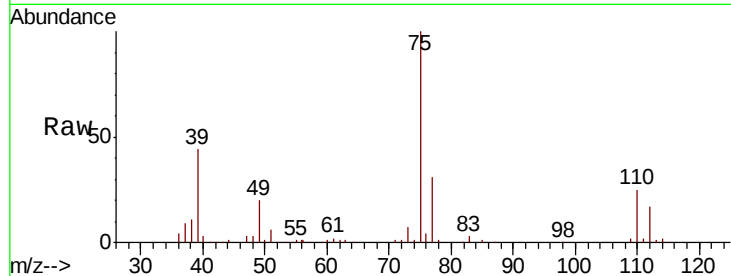




#53
 t-1,3-Dichloropropene
 Concen: 20.390 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: VX005331.D
 Acq: 15 Oct 2018 09:42

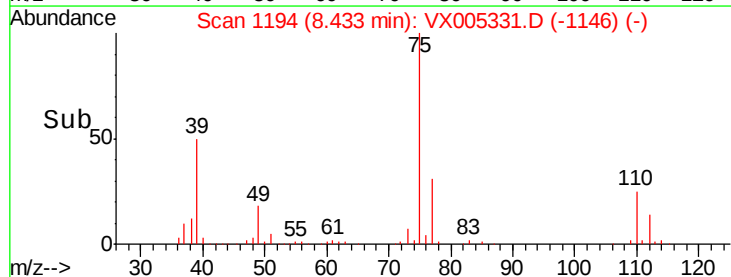
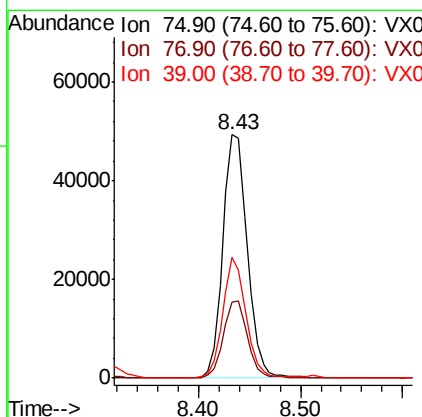
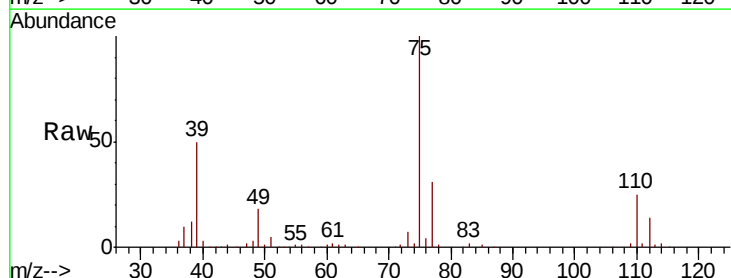
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1015WBS01

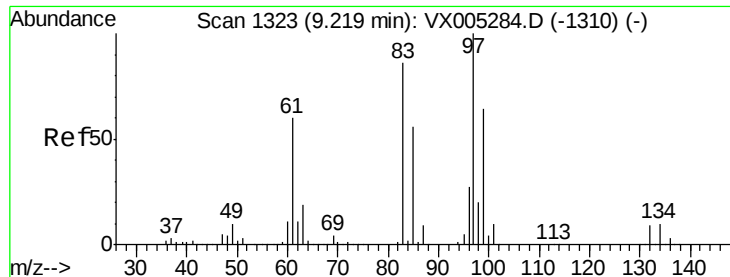
Tot Ion: 75 Resp: 73413
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.6 37.0



#54
 cis-1,3-Dichloropropene
 Concen: 21.086 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: VX005331.D
 Acq: 15 Oct 2018 09:42

Tgt Ion: 75 Resp: 82261
 Ion Ratio Lower Upper
 75 100
 77 31.4 26.2 39.2
 39 49.6 36.4 54.6

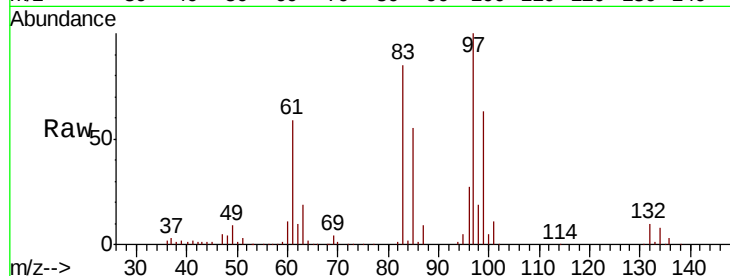




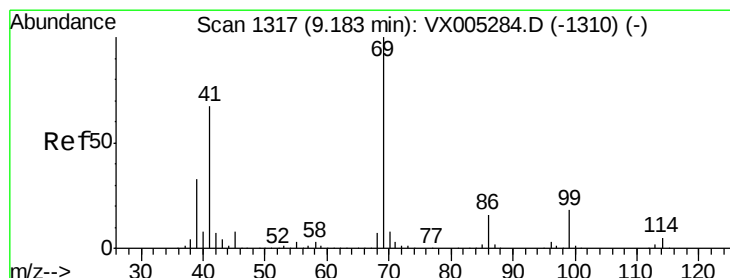
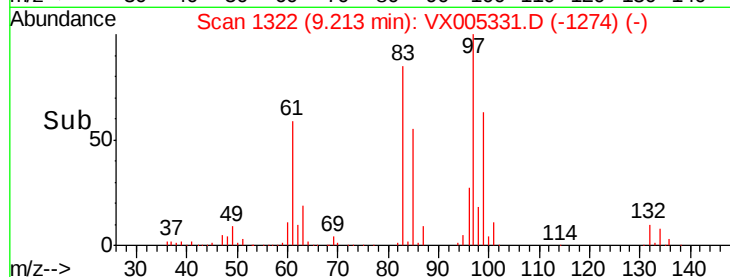
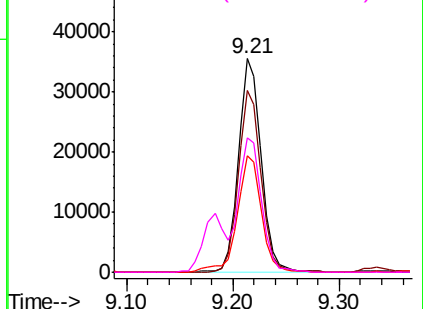
#55
 1,1,2-Trichloroethane
 Concen: 20.721 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: VX005331.D
 Acq: 15 Oct 2018 09:42

Instrument :
 MSVOA_X
 ClientSampled :
 VX1015WBS01

Tot Ion:	97	Resp:	53342
Ion	Ratio	Lower	Upper
97	100		
83	85.3	66.4	99.6
85	54.8	43.3	64.9
99	62.7	49.0	73.4

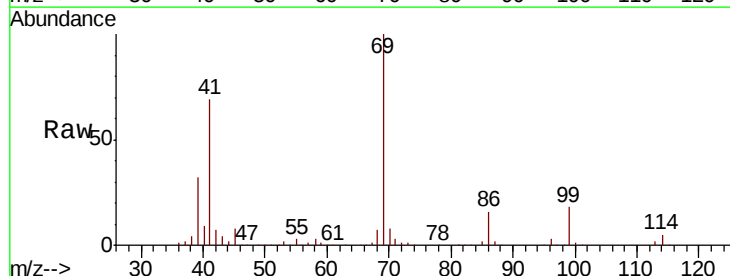


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

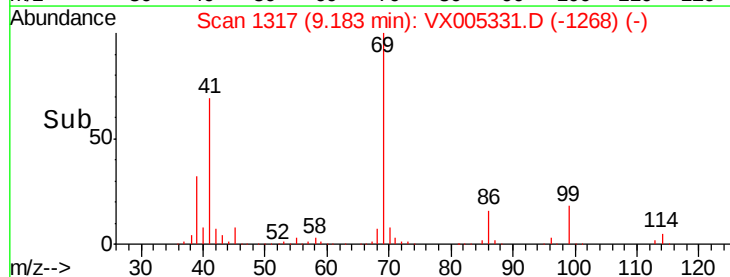
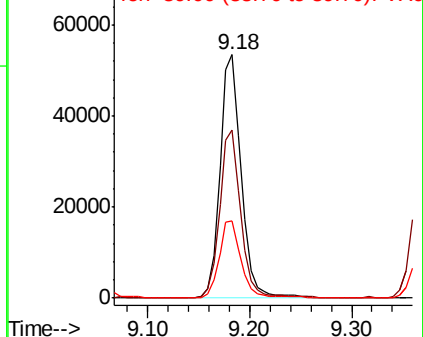


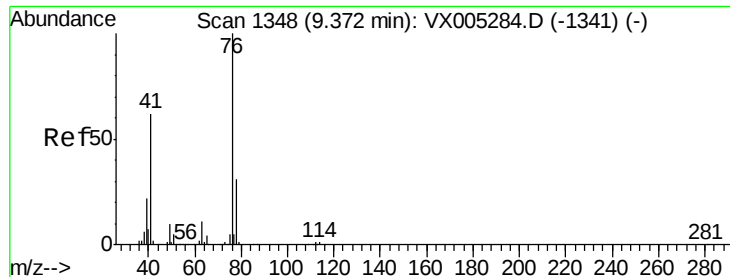
#56
 Ethyl methacrylate
 Concen: 20.707 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX005331.D
 Acq: 15 Oct 2018 09:42

Tgt Ion:	69	Resp:	77710
Ion	Ratio	Lower	Upper
69	100		
41	68.8	51.0	76.4
39	32.9	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: 20.434 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX005331.D

Acq: 15 Oct 2018 09:42

Instrument :

MSVOA_X

ClientSampleId :

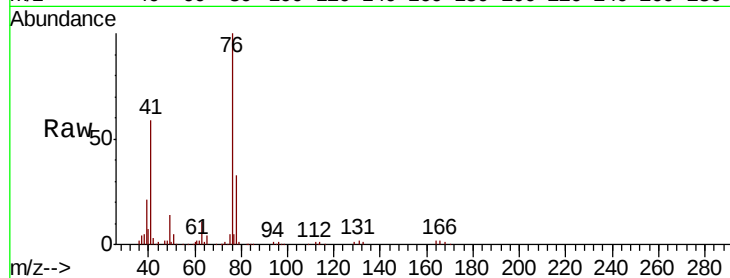
VX1015WBS01

Tot Ion: 76 Resp: 87798

Ion Ratio Lower Upper

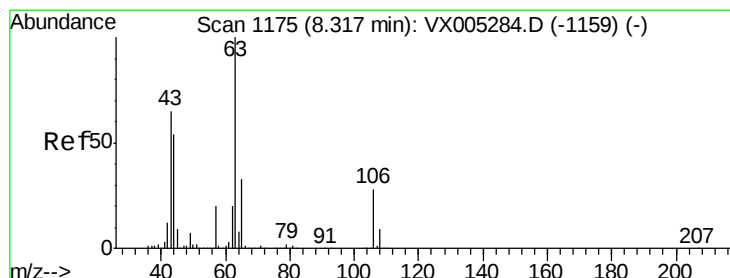
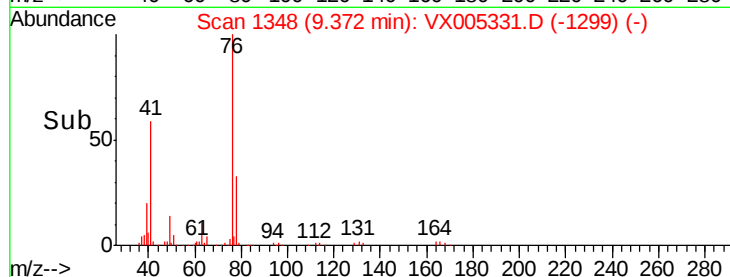
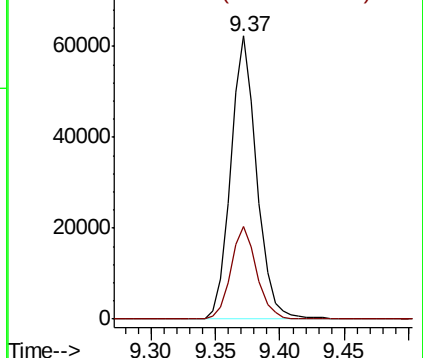
76 100

78 32.4 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: 103.134 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.01 min

Lab File: VX005331.D

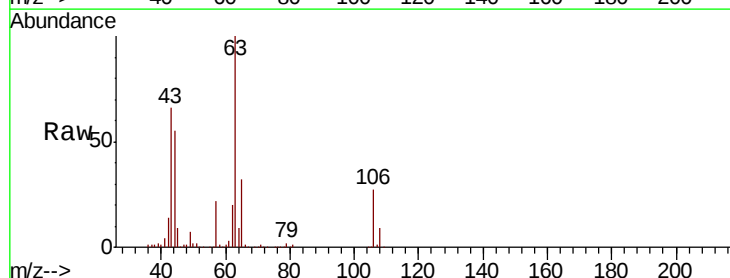
Acq: 15 Oct 2018 09:42

Tgt Ion: 63 Resp: 217062

Ion Ratio Lower Upper

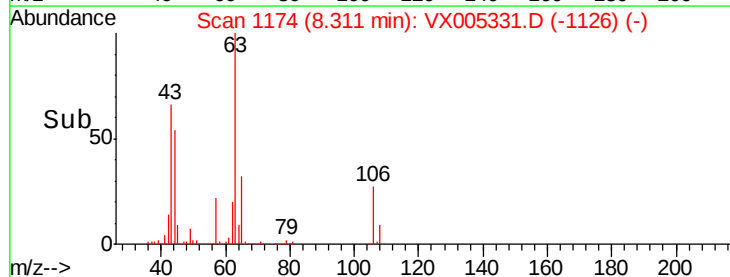
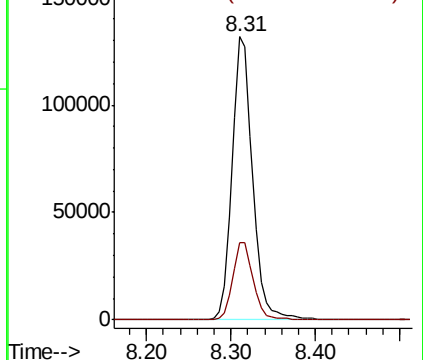
63 100

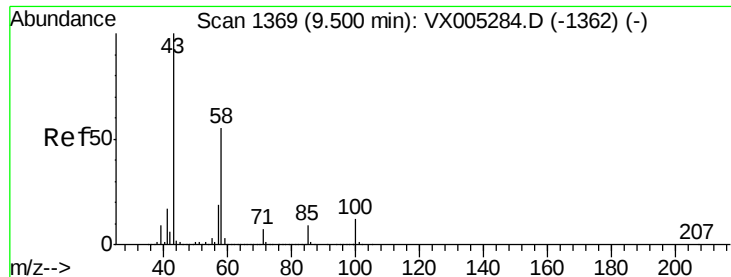
106 27.4 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

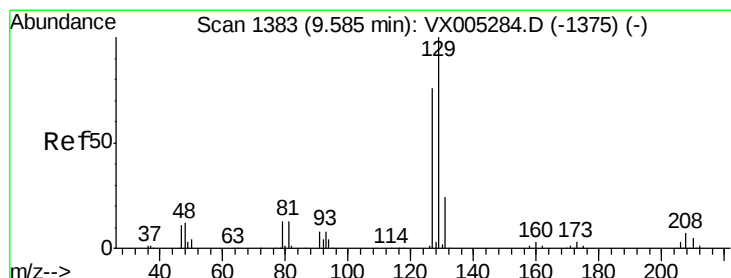
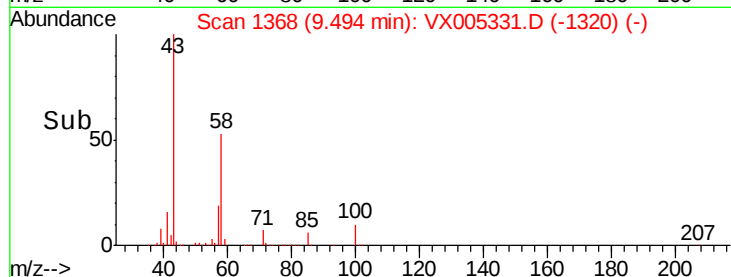
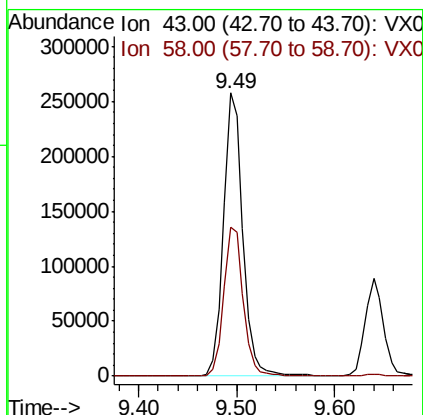
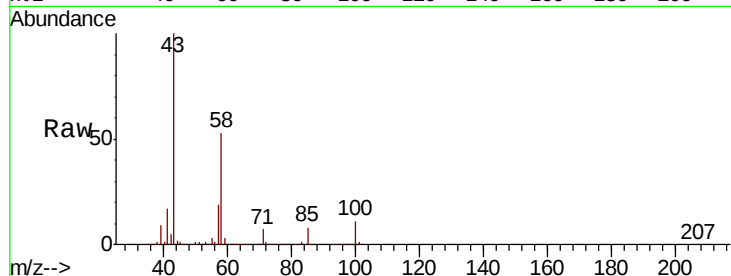




#59
2-Hexanone
Concen: 99.746 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX005331.D
Acq: 15 Oct 2018 09:42

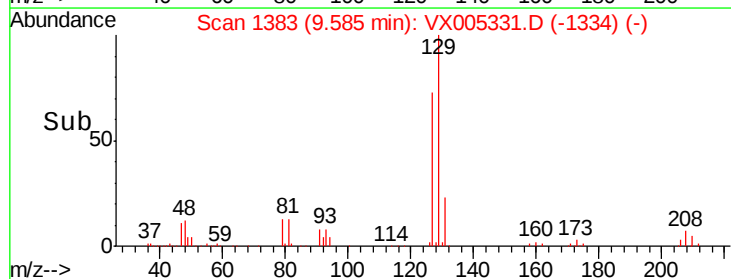
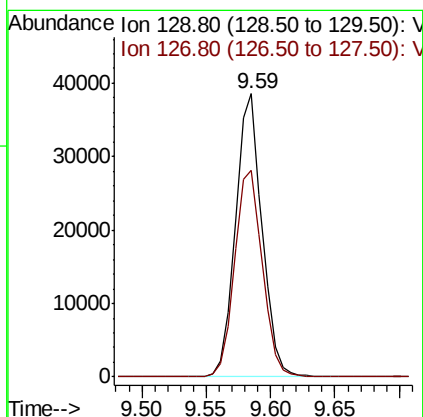
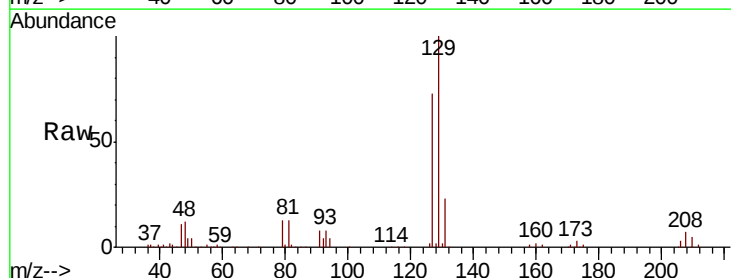
Instrument :
MSVOA_X
ClientSampleId :
VX1015WBS01

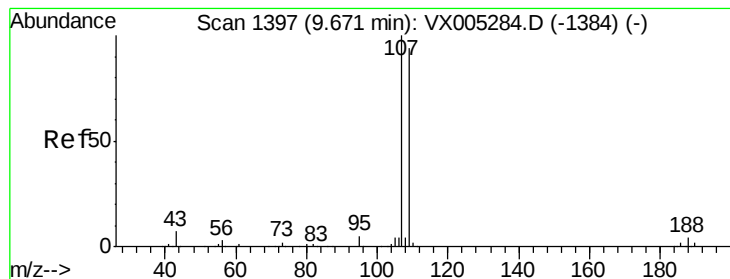
Tot Ion: 43 Resp: 352468
Ion Ratio Lower Upper
43 100
58 53.5 29.0 87.0



#60
Dibromochloromethane
Concen: 20.702 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX005331.D
Acq: 15 Oct 2018 09:42

Tgt Ion: 129 Resp: 55087
Ion Ratio Lower Upper
129 100
127 76.4 38.5 115.5





#61

1,2-Dibromoethane

Concen: 20.418 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX005331.D

Acq: 15 Oct 2018 09:42

Instrument :

MSVOA_X

ClientSampleId :

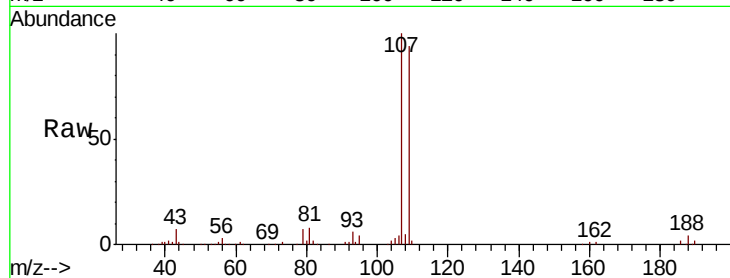
VX1015WBS01

Tot Ion:107 Resp: 55163

Ion Ratio Lower Upper

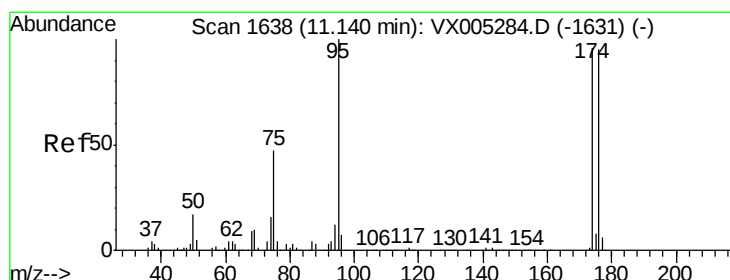
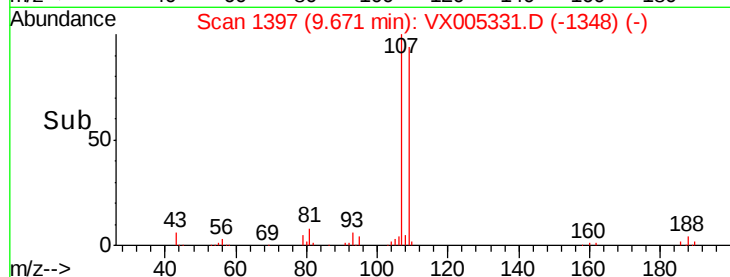
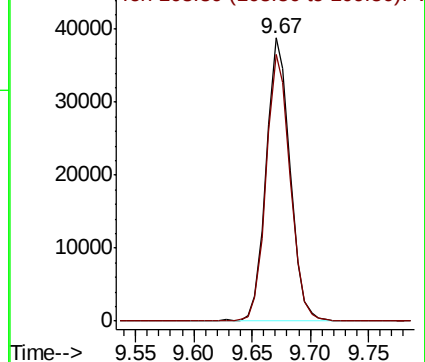
107 100

109 95.0 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.056 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005331.D

Acq: 15 Oct 2018 09:42

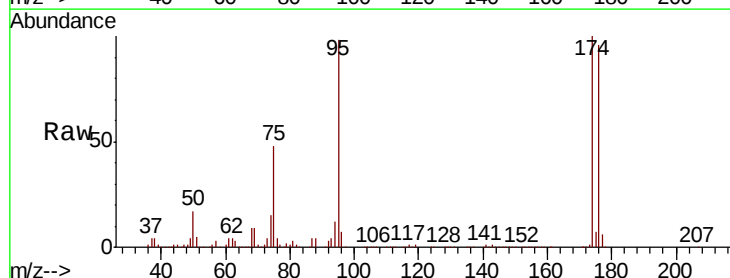
Tgt Ion: 95 Resp: 170031

Ion Ratio Lower Upper

95 100

174 95.8 0.0 185.2

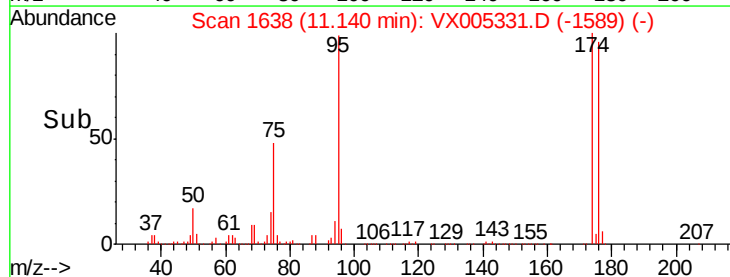
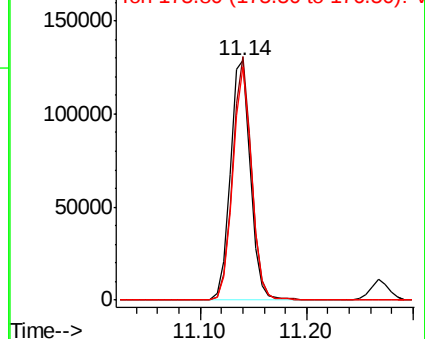
176 91.8 0.0 178.6

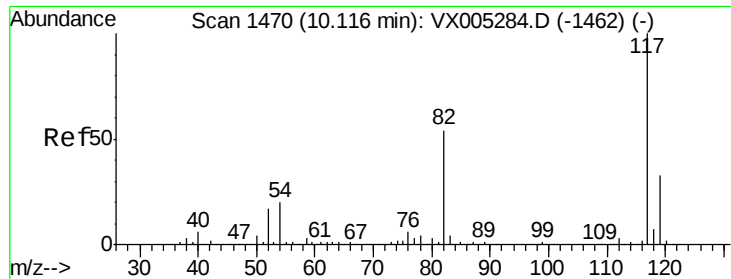


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

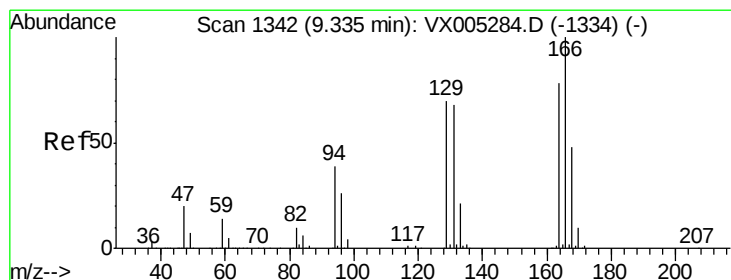
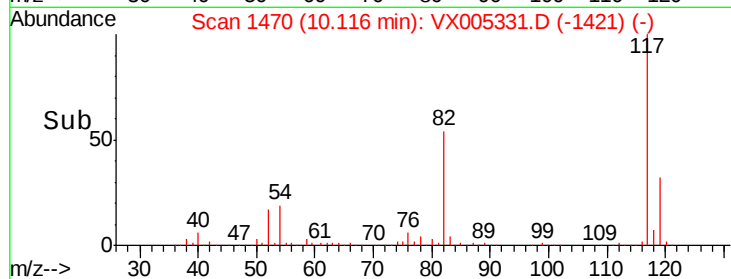
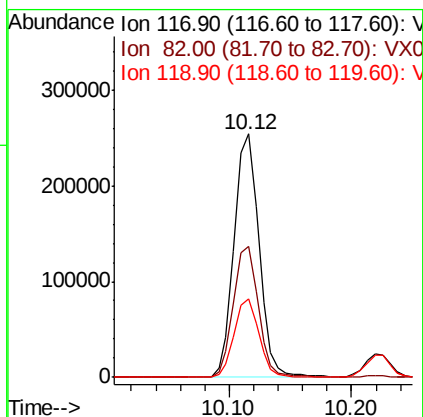
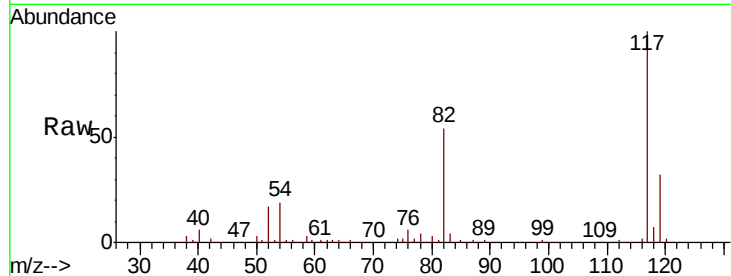




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005331.D
Acq: 15 Oct 2018 09:42

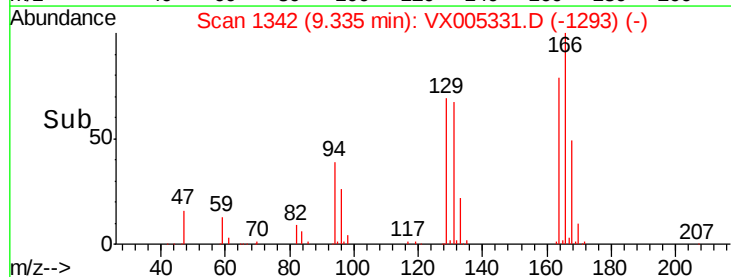
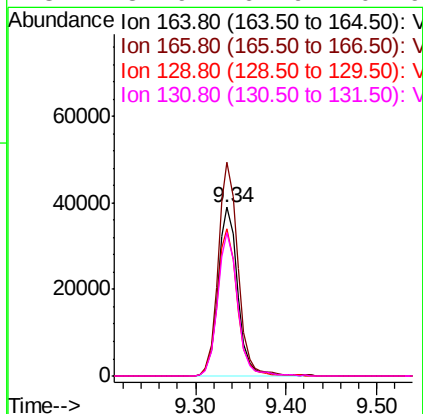
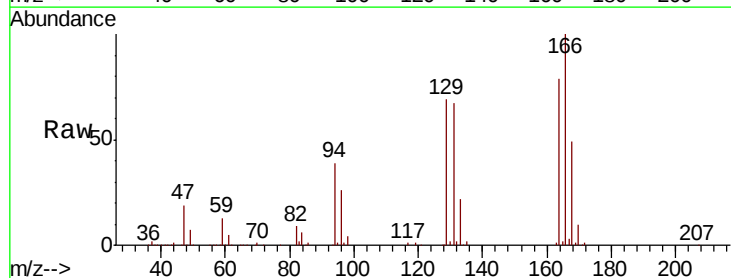
Instrument :
MSVOA_X
ClientSampleId :
VX1015WBS01

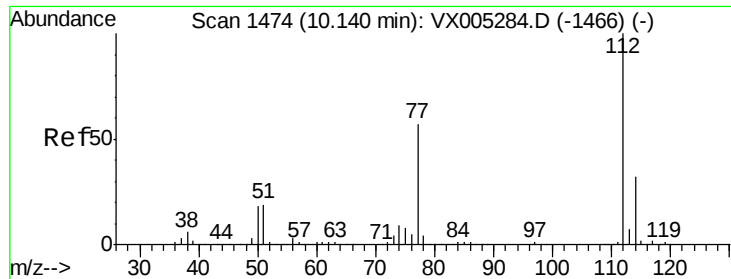
Tot Ion:117 Resp: 359353
Ion Ratio Lower Upper
117 100
82 54.0 47.8 71.6
119 32.4 29.3 43.9



#64
Tetrachloroethene
Concen: 20.549 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX005331.D
Acq: 15 Oct 2018 09:42

Tgt Ion:164 Resp: 59448
Ion Ratio Lower Upper
164 100
166 126.7 102.8 154.2
129 87.0 69.4 104.0
131 84.9 67.9 101.9

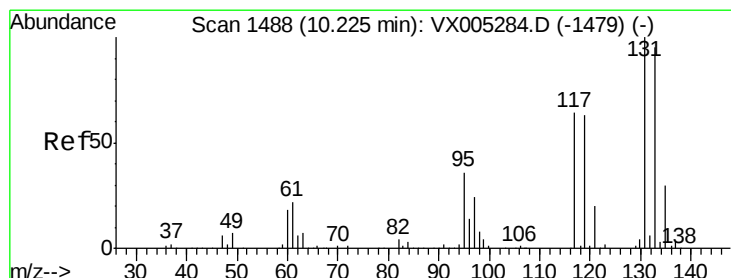
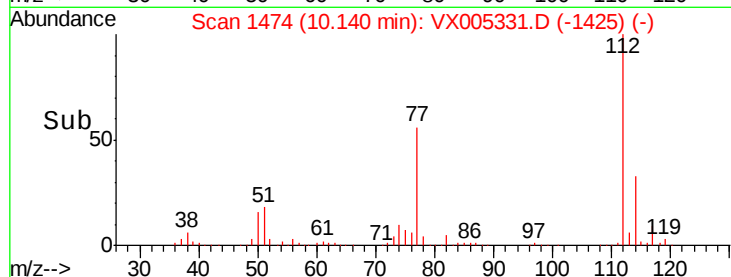
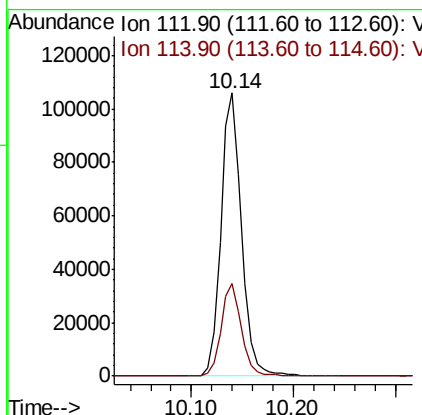
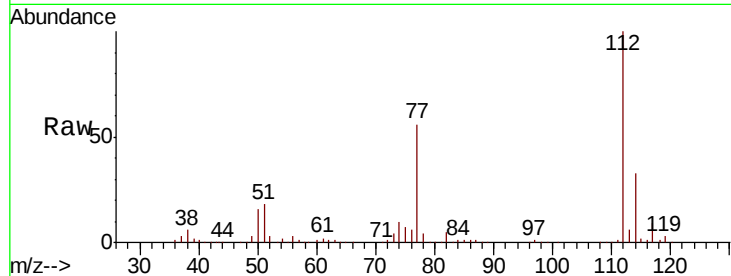




#65
Chlorobenzene
Concen: 19.420 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX005331.D
Acq: 15 Oct 2018 09:42

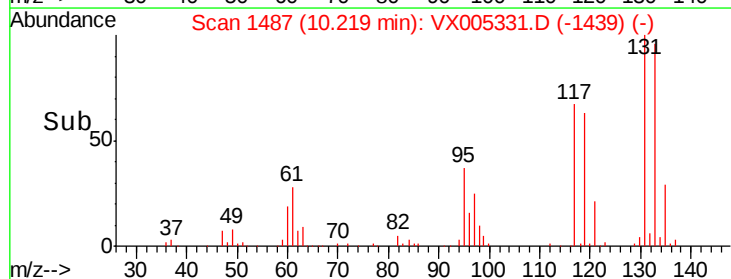
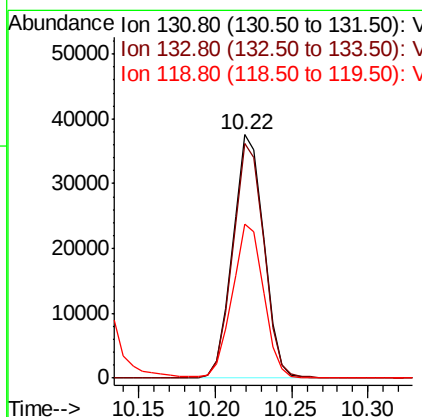
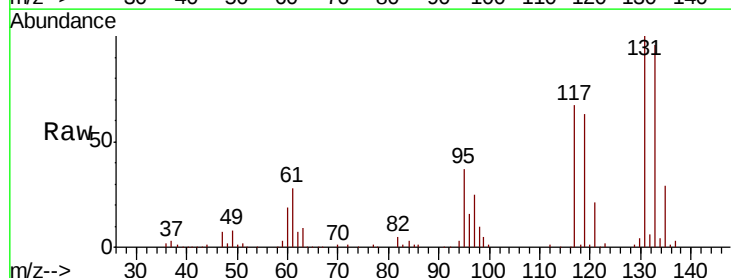
Instrument :
MSVOA_X
ClientSampleId :
VX1015WBS01

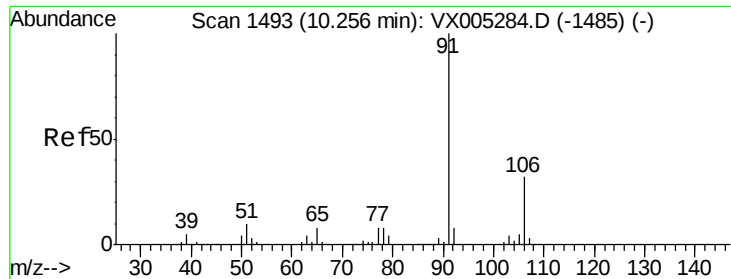
Tot Ion:112 Resp: 148446
Ion Ratio Lower Upper
112 100
114 32.9 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.367 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.01 min
Lab File: VX005331.D
Acq: 15 Oct 2018 09:42

Tgt Ion:131 Resp: 52754
Ion Ratio Lower Upper
131 100
133 96.6 48.1 144.4
119 63.9 32.9 98.6

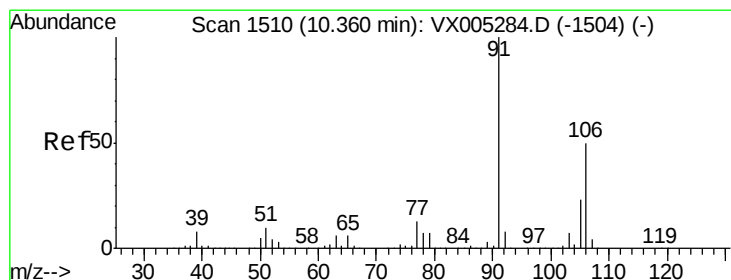
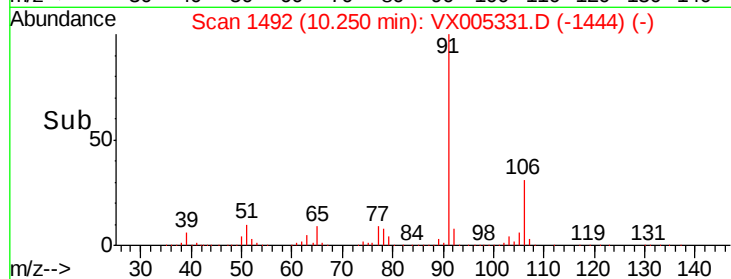
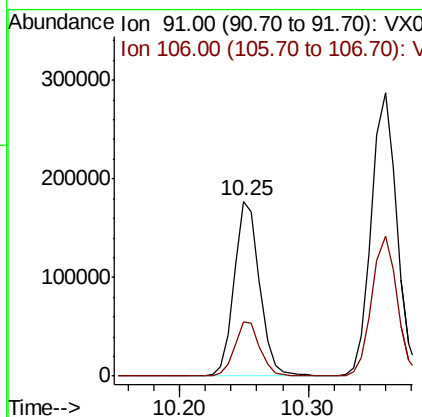
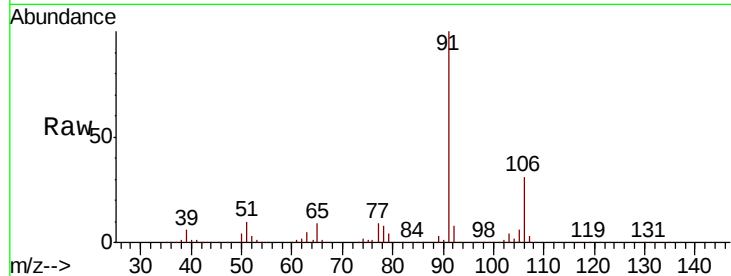




#67
Ethyl Benzene
Concen: 19.779 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VX005331.D
Acq: 15 Oct 2018 09:42

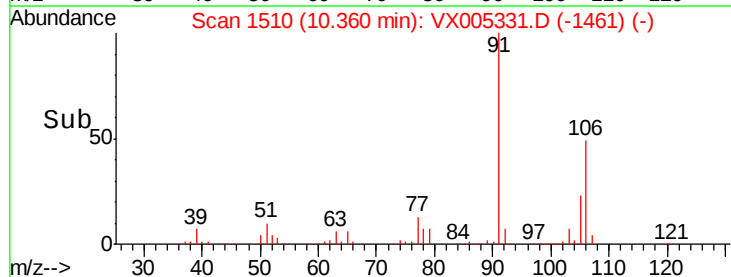
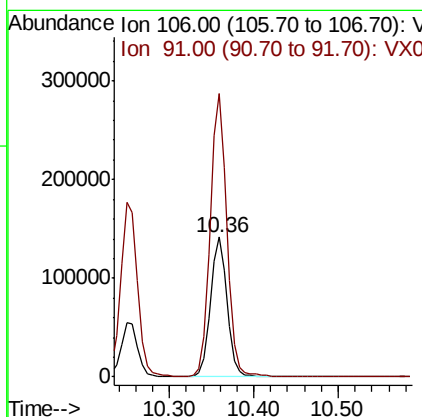
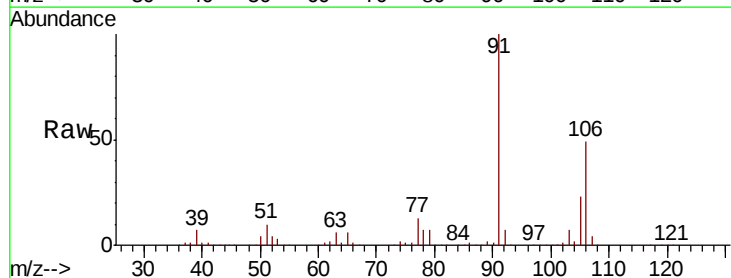
Instrument :
MSVOA_X
ClientSampleId :
VX1015WBS01

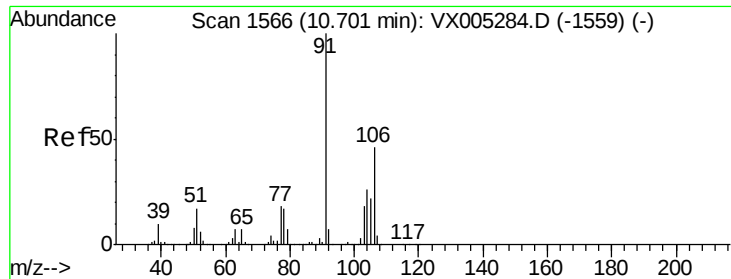
Tot Ion: 91 Resp: 245787
Ion Ratio Lower Upper
91 100
106 31.3 25.9 38.9



#68
m/p-Xylenes
Concen: 40.299 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX005331.D
Acq: 15 Oct 2018 09:42

Tgt Ion: 106 Resp: 194367
Ion Ratio Lower Upper
106 100
91 203.0 157.1 235.7

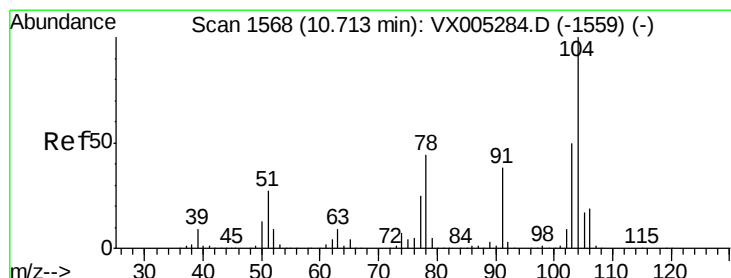
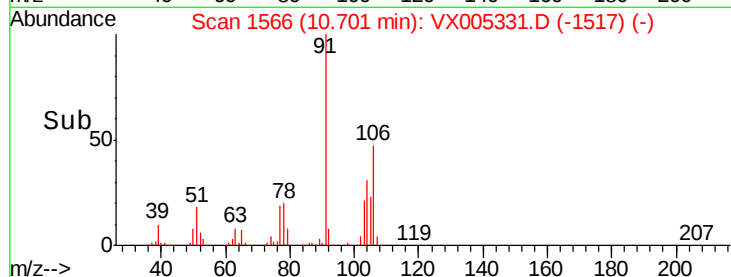
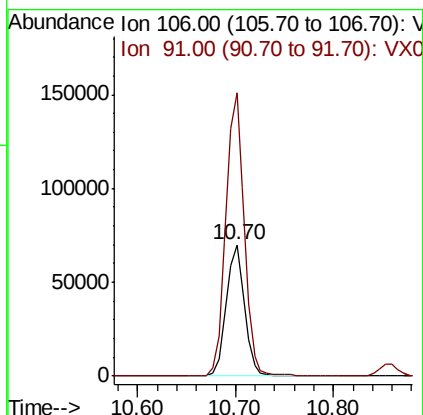
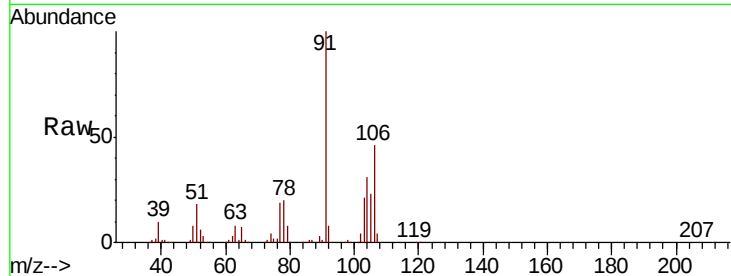




#69
o-Xylene
Concen: 19.648 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX005331.D
Acq: 15 Oct 2018 09:42

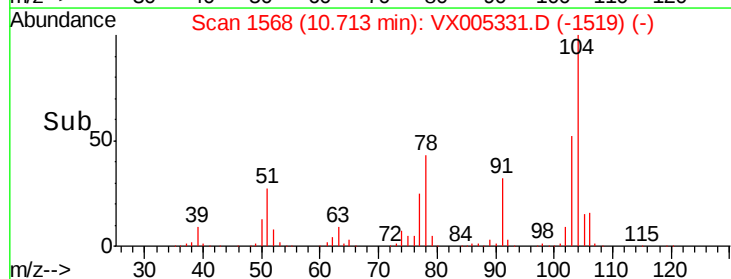
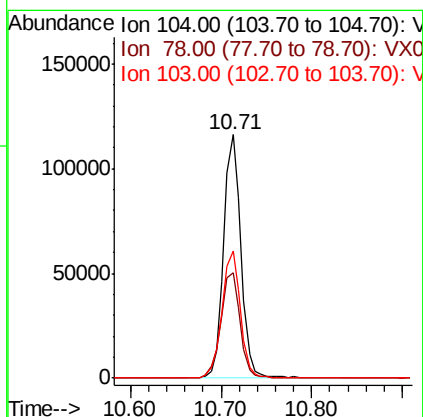
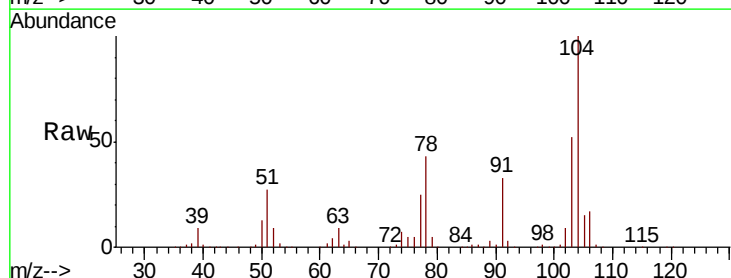
Instrument :
MSVOA_X
ClientSampleId :
VX1015WBS01

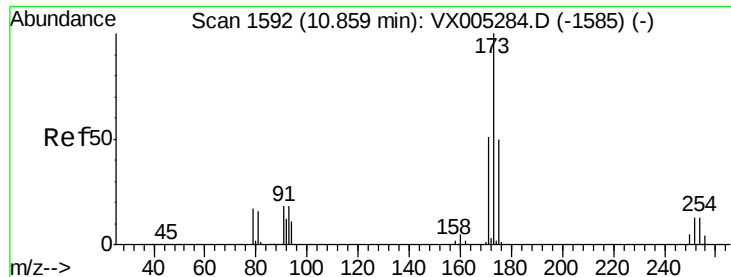
Tot Ion:106 Resp: 91394
Ion Ratio Lower Upper
106 100
91 216.2 105.1 315.1



#70
Styrene
Concen: 20.218 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX005331.D
Acq: 15 Oct 2018 09:42

Tgt Ion:104 Resp: 154690
Ion Ratio Lower Upper
104 100
78 48.5 37.4 56.0
103 56.1 43.8 65.6





#71

Bromoform

Concen: 18.498 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX005331.D

Acq: 15 Oct 2018 09:42

Instrument :

MSVOA_X

ClientSampleId :

VX1015WBS01

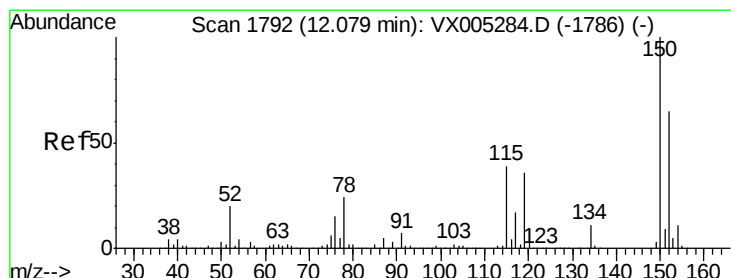
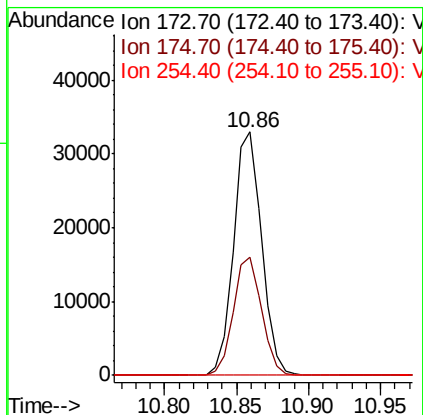
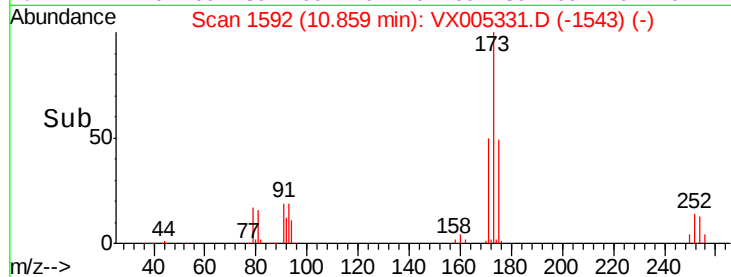
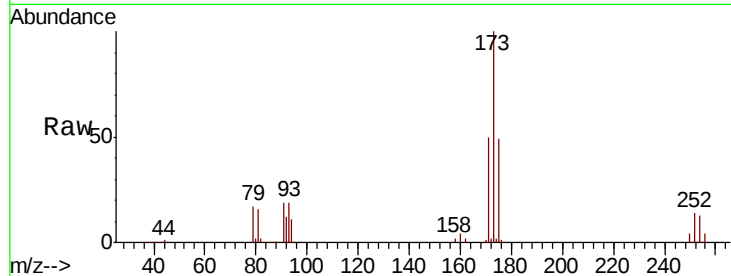
Tot Ion:173 Resp: 45028

Ion Ratio Lower Upper

173 100

175 48.8 24.1 72.3

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX005331.D

Acq: 15 Oct 2018 09:42

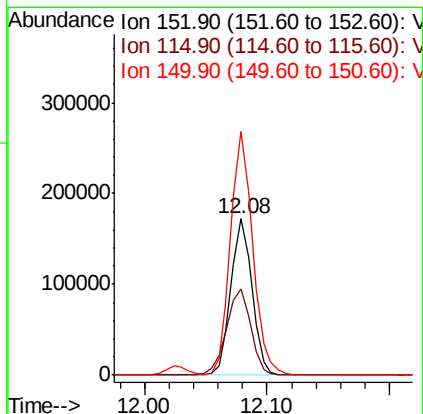
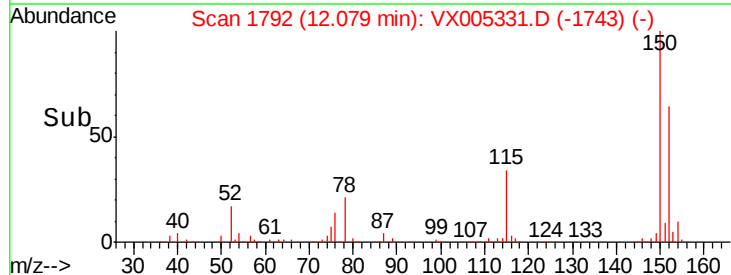
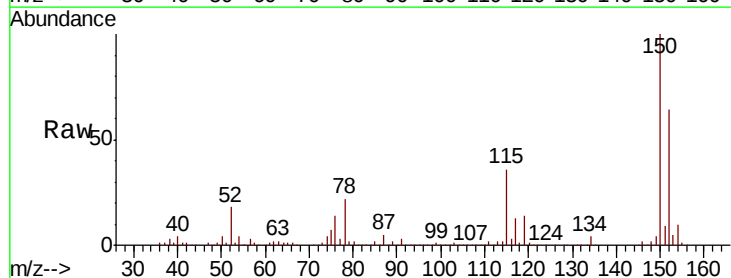
Tgt Ion:152 Resp: 204910

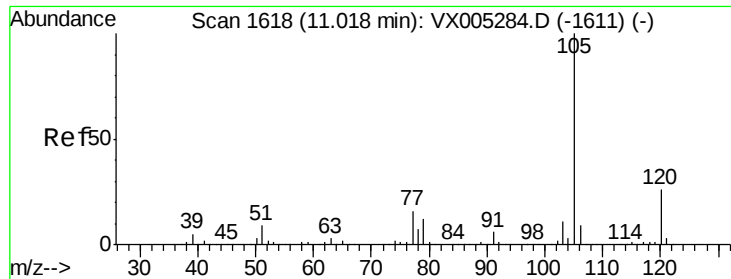
Ion Ratio Lower Upper

152 100

115 63.7 39.0 117.0

150 164.1 0.0 351.0

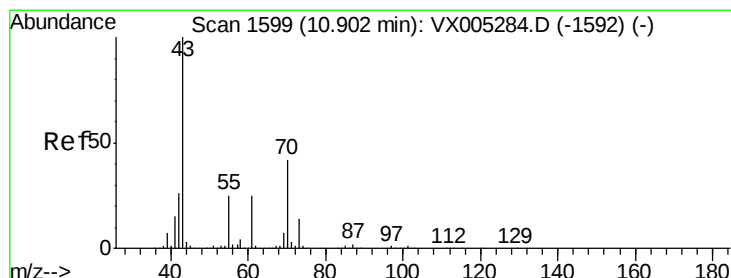
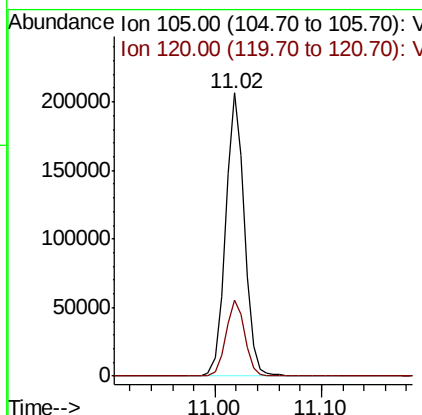
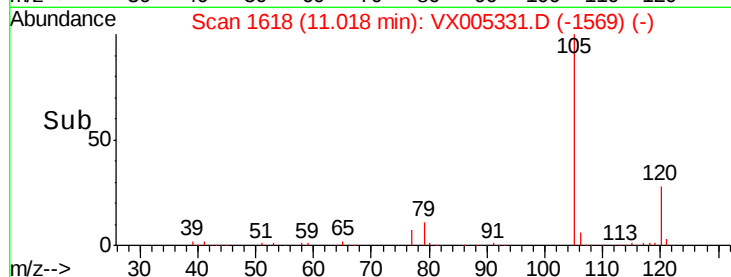
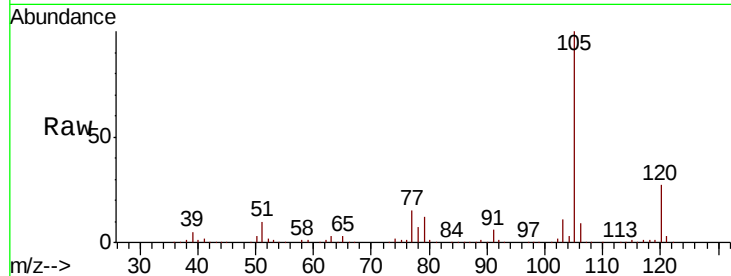




#73
Isopropylbenzene
Concen: 20.875 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX005331.D
Acq: 15 Oct 2018 09:42

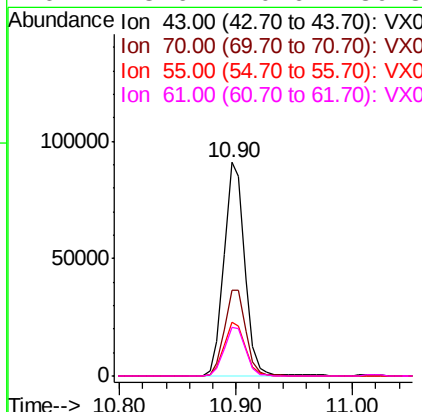
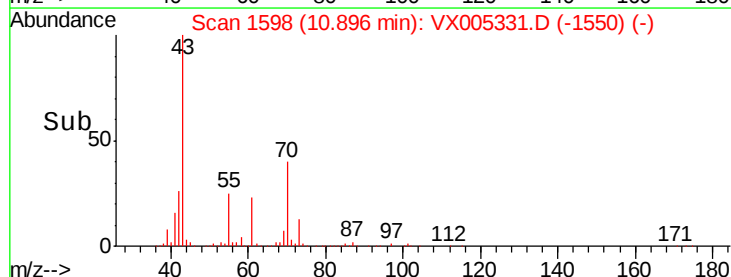
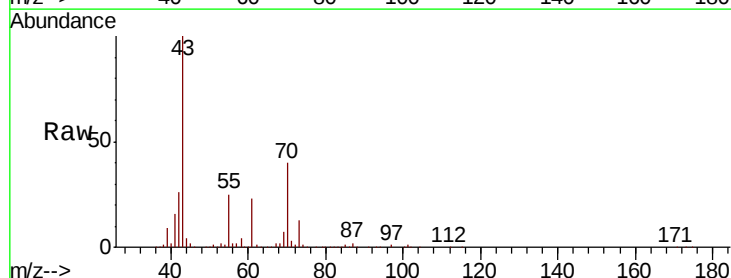
Instrument :
MSVOA_X
ClientSampleId :
VX1015WBS01

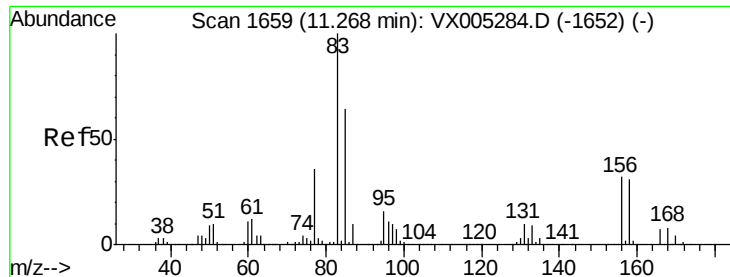
Tot Ion:105 Resp: 254287
Ion Ratio Lower Upper
105 100
120 27.1 13.5 40.4



#74
N-ethyl acetate
Concen: 19.009 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.01 min
Lab File: VX005331.D
Acq: 15 Oct 2018 09:42

Tgt Ion: 43 Resp: 111685
Ion Ratio Lower Upper
43 100
70 41.5 37.4 56.0
55 26.1 21.8 32.8
61 23.6 20.6 30.8





#75

1,1,2,2-Tetrachloroethane

Concen: 18.789 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX005331.D

Acq: 15 Oct 2018 09:42

Instrument :

MSVOA_X

ClientSampleId :

VX1015WBS01

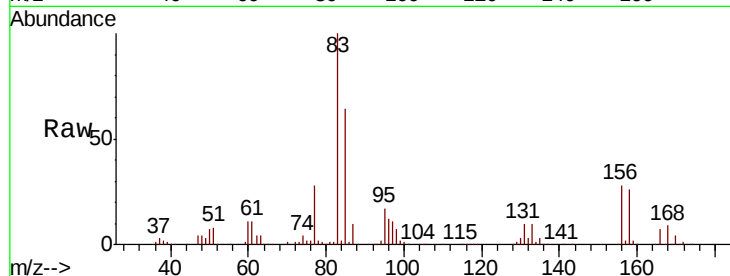
Tot Ion: 83 Resp: 86340

Ion Ratio Lower Upper

83 100

131 10.5 5.2 15.6

85 64.4 32.3 96.8

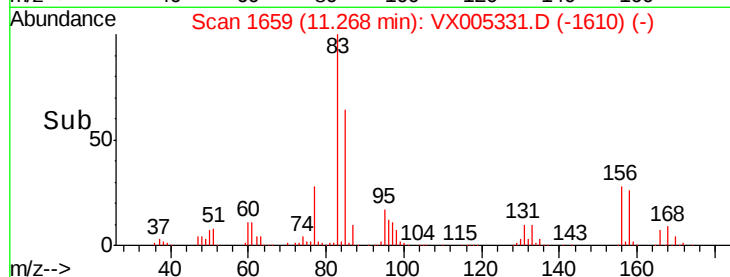


Abundance Ion 82.90 (82.60 to 83.60): VX005284.D (-1652) (-)

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

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

Time-->

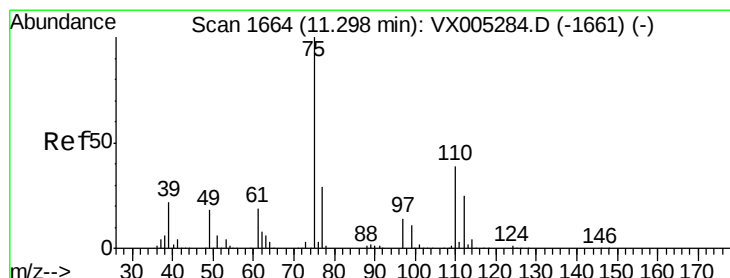


Abundance Ion 82.90 (82.60 to 83.60): VX005331.D (-1610) (-)

Ion 130.80 (130.50 to 131.50): VX005331.D (-1610) (-)

Ion 84.90 (84.60 to 85.60): VX005331.D (-1610) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 25.086 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX005331.D

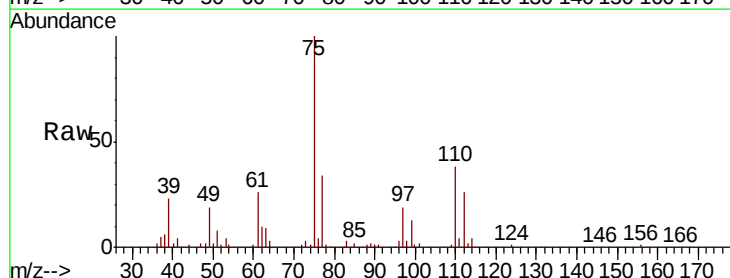
Acq: 15 Oct 2018 09:42

Tgt Ion: 75 Resp: 99710

Ion Ratio Lower Upper

75 100

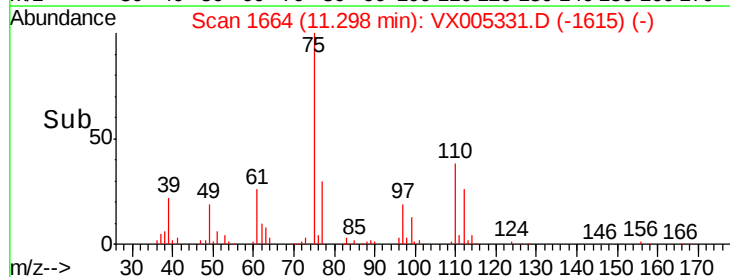
77 32.7 20.2 60.6



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

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

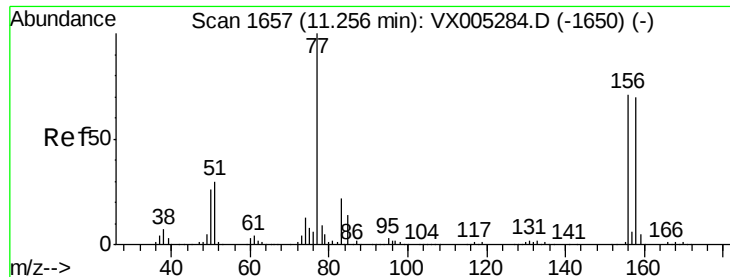
Time-->



Abundance Ion 74.90 (74.60 to 75.60): VX005331.D (-1615) (-)

Ion 77.00 (76.70 to 77.70): VX005331.D (-1615) (-)

Time-->



#77

Bromobenzene

Concen: 19.935 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX005331.D

Acq: 15 Oct 2018 09:42

Instrument :

MSVOA_X

ClientSampleId :

VX1015WBS01

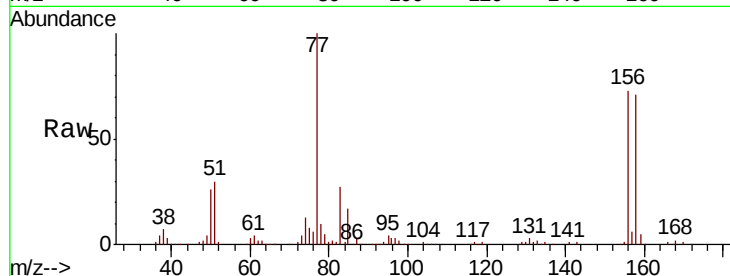
Tot Ion:156 Resp: 69434

Ion Ratio Lower Upper

156 100

77 141.6 71.5 214.3

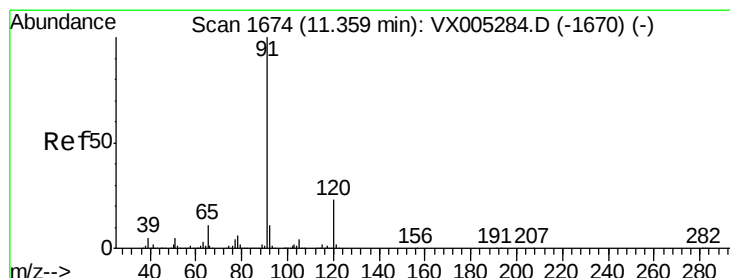
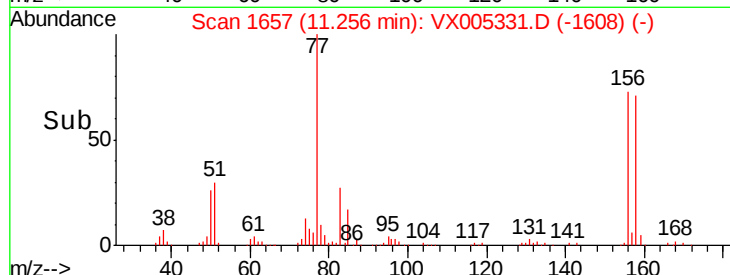
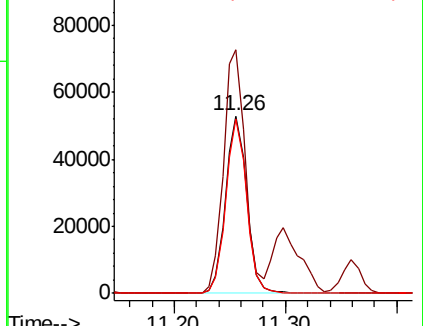
158 96.8 48.9 146.8



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: 21.104 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX005331.D

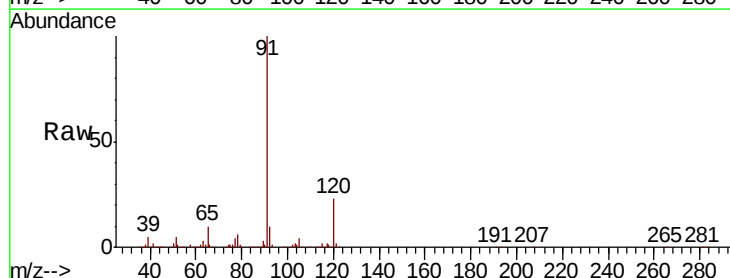
Acq: 15 Oct 2018 09:42

Tgt Ion: 91 Resp: 295819

Ion Ratio Lower Upper

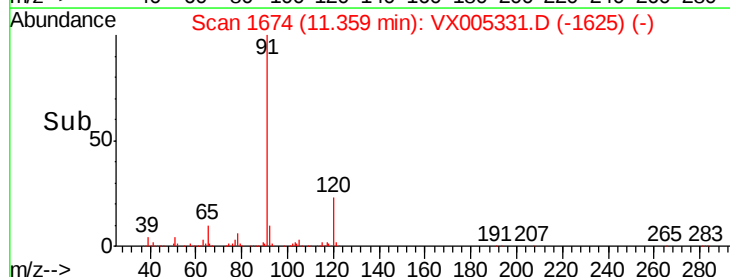
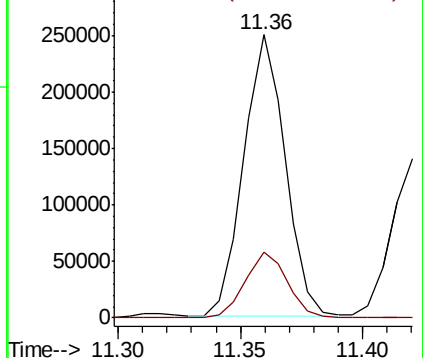
91 100

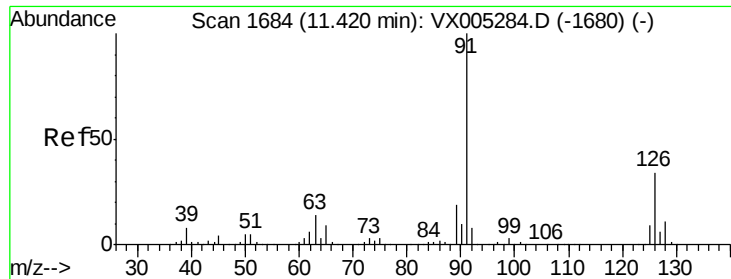
120 23.8 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

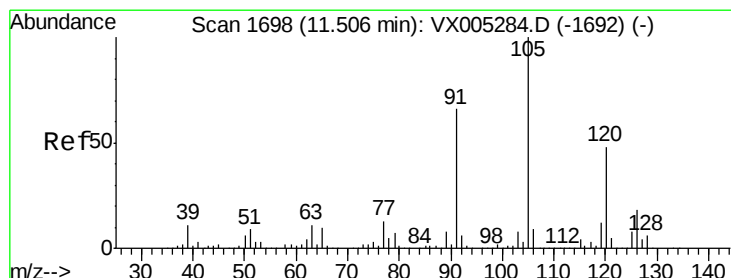
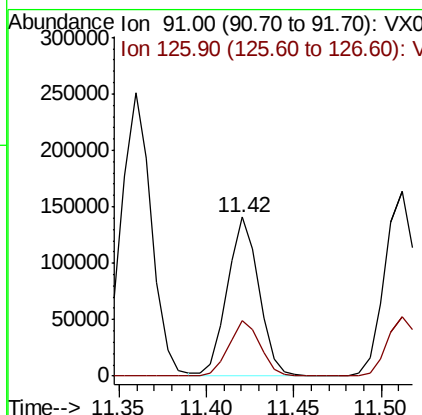
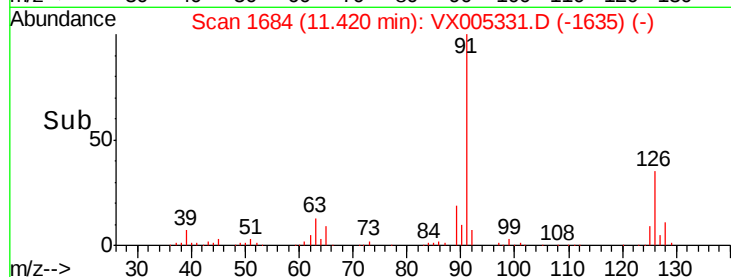
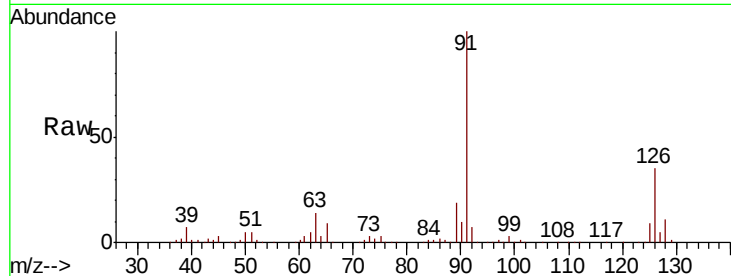




#79
 2-Chlorotoluene
 Concen: 20.517 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX005331.D
 Acq: 15 Oct 2018 09:42

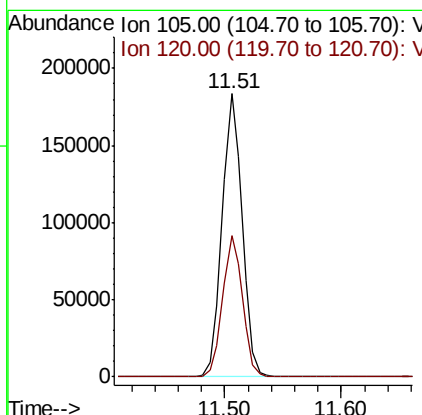
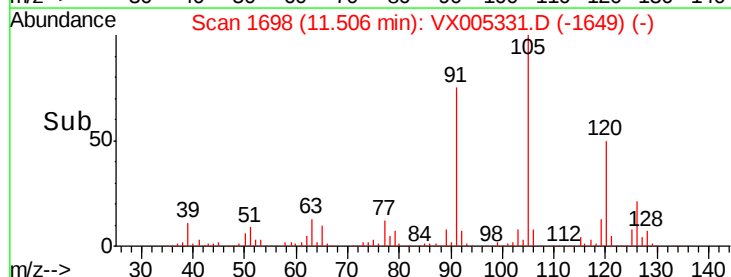
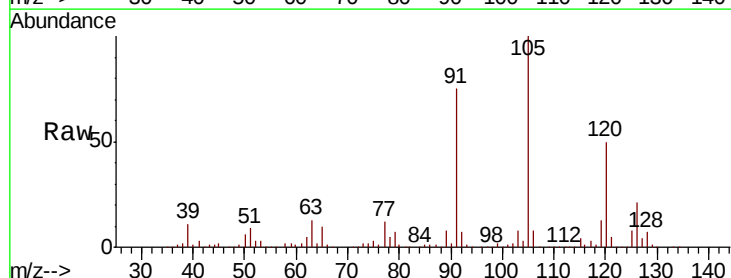
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1015WBS01

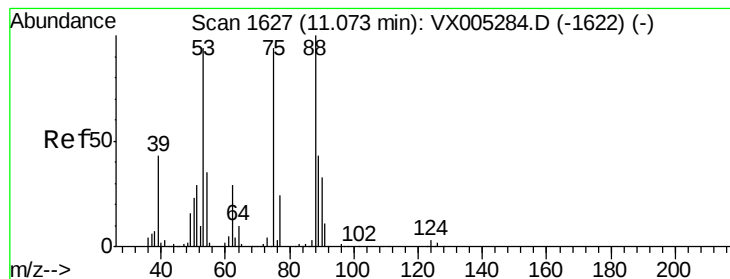
Tot Ion: 91 Resp: 176137
 Ion Ratio Lower Upper
 91 100
 126 35.4 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 20.858 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX005331.D
 Acq: 15 Oct 2018 09:42

Tgt Ion: 105 Resp: 217578
 Ion Ratio Lower Upper
 105 100
 120 49.5 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 18.856 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX005331.D

Acq: 15 Oct 2018 09:42

Instrument :

MSVOA_X

ClientSampleId :

VX1015WBS01

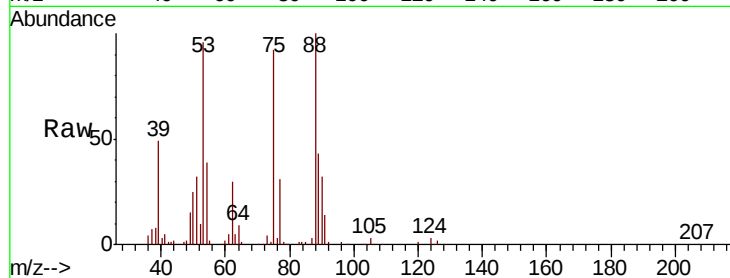
Tot Ion: 75 Resp: 24666

Ion Ratio Lower Upper

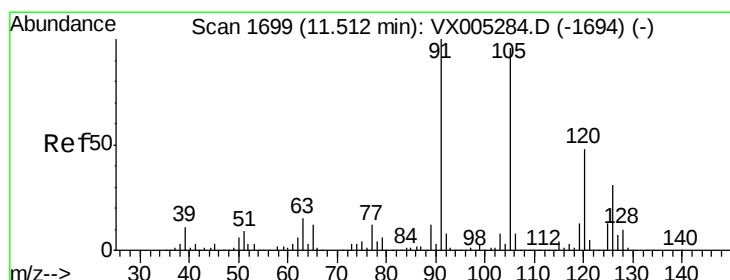
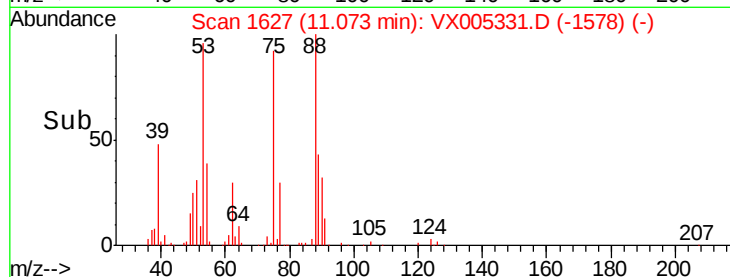
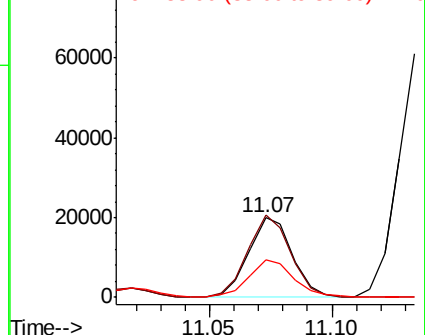
75 100

53 102.6 80.1 120.1

89 49.3 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: 20.207 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX005331.D

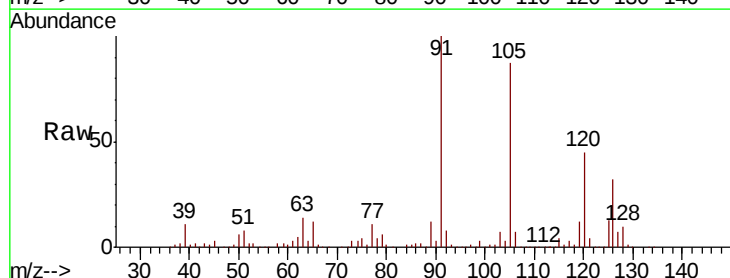
Acq: 15 Oct 2018 09:42

Tgt Ion: 91 Resp: 205639

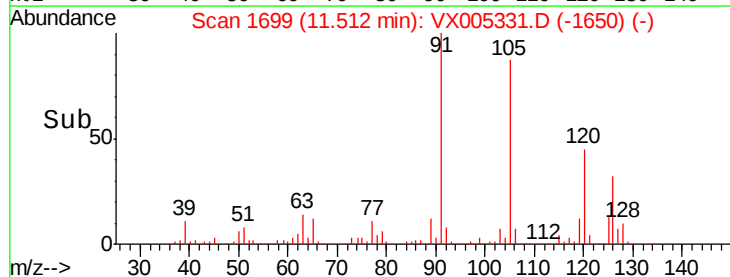
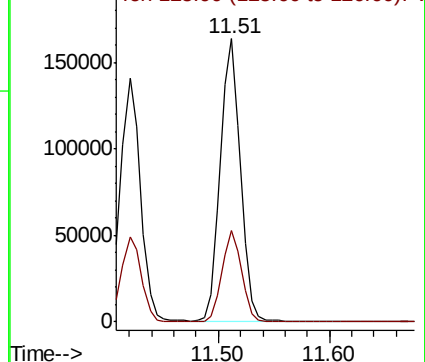
Ion Ratio Lower Upper

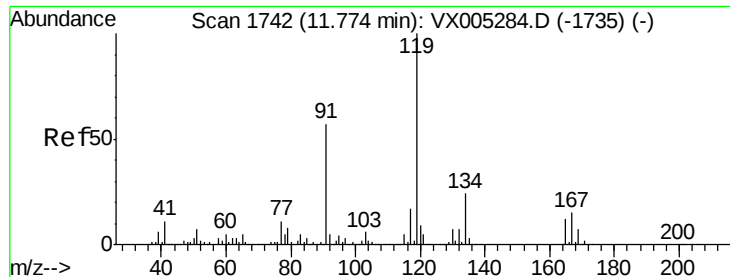
91 100

126 31.3 15.5 46.5



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

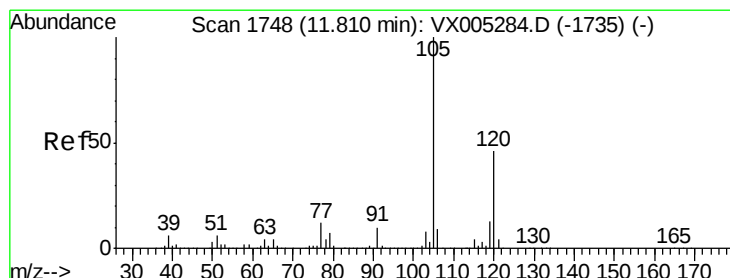
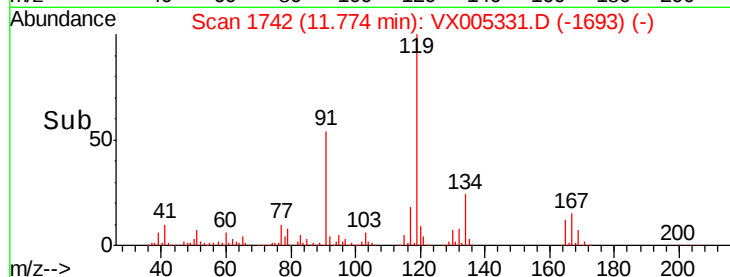
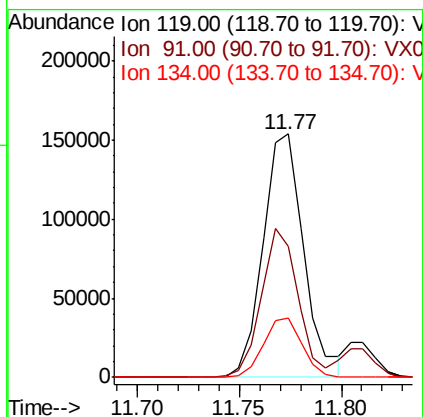
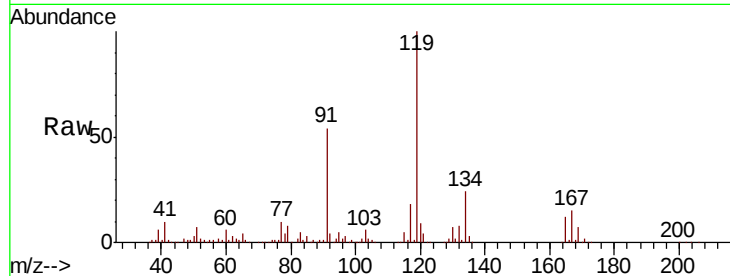




#83
tert-Butylbenzene
Concen: 20.202 ug/l
RT: 11.77 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX005331.D
Acq: 15 Oct 2018 09:42

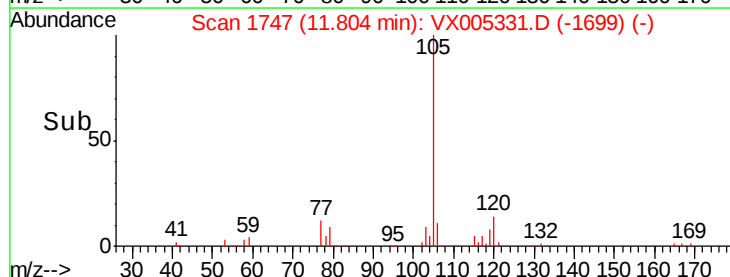
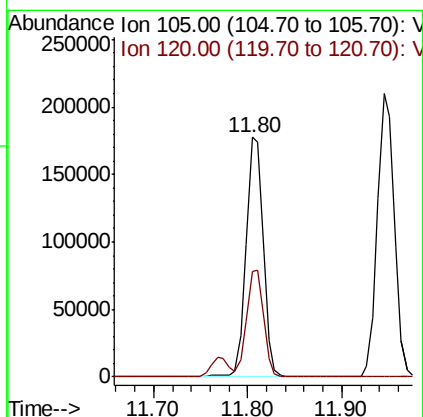
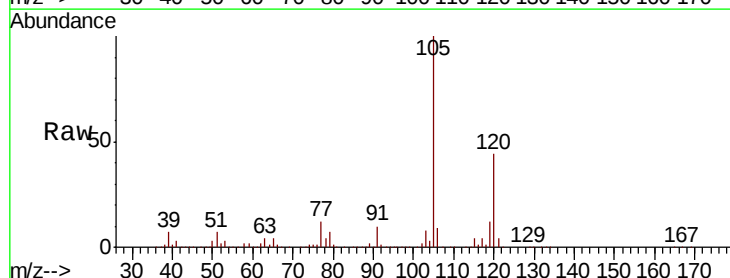
Instrument :
MSVOA_X
ClientSampleId :
VX1015WBS01

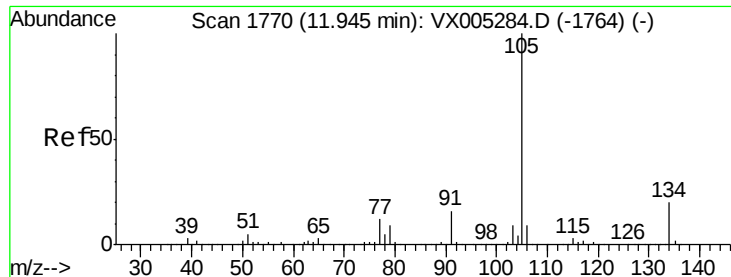
Tot Ion:119 Resp: 213398
Ion Ratio Lower Upper
119 100
91 55.4 27.0 81.0
134 23.2 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 21.039 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.01 min
Lab File: VX005331.D
Acq: 15 Oct 2018 09:42

Tgt Ion:105 Resp: 225855
Ion Ratio Lower Upper
105 100
120 44.0 23.2 69.6

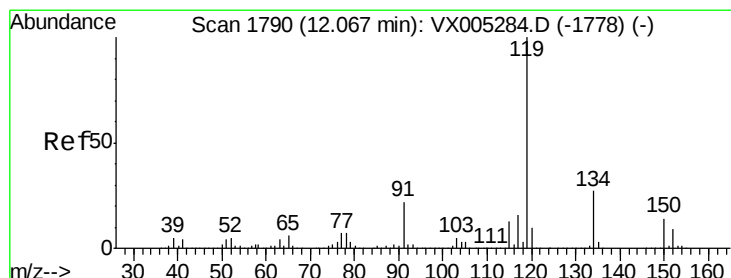
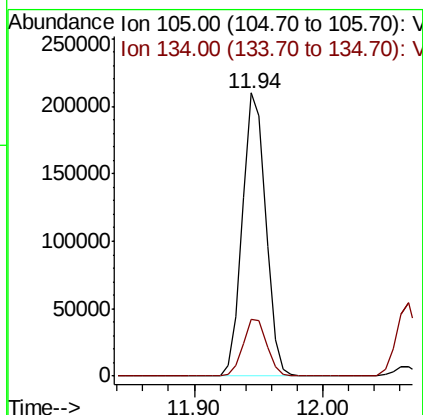
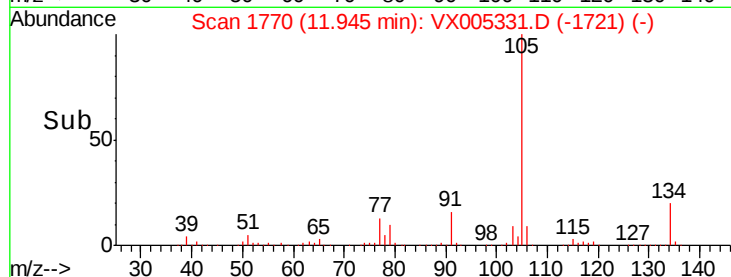
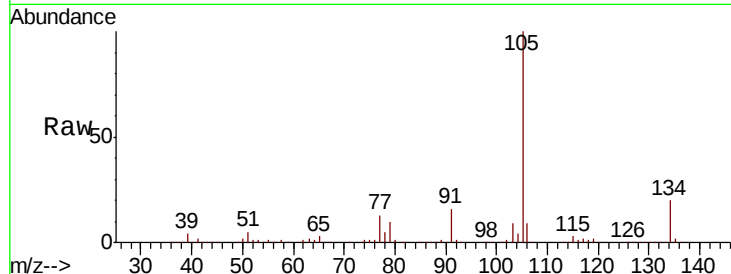




#85
 sec-Butylbenzene
 Concen: 21.058 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX005331.D
 Acq: 15 Oct 2018 09:42

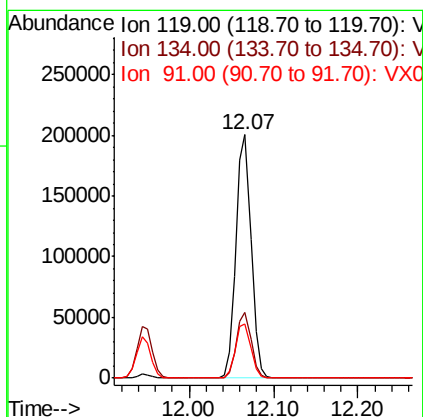
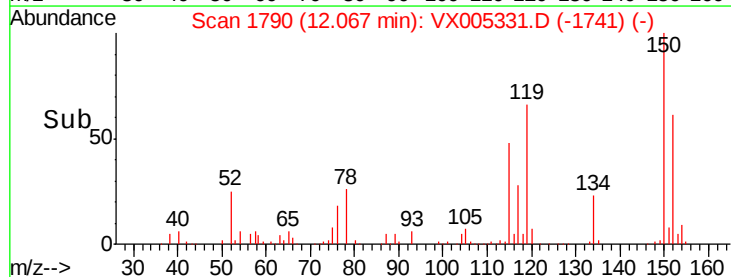
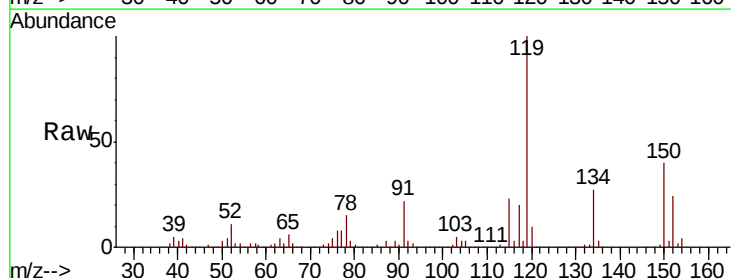
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1015WBS01

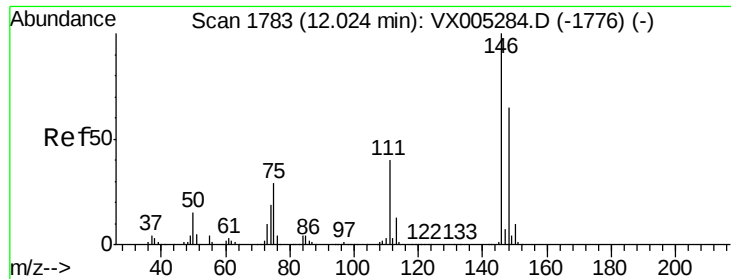
Tot Ion:105 Resp: 263246
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 21.116 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX005331.D
 Acq: 15 Oct 2018 09:42

Tgt Ion:119 Resp: 238585
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.4 40.2
 91 23.0 10.9 32.7





#87

1,3-Dichlorobenzene

Concen: 20.036 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX005331.D

Acq: 15 Oct 2018 09:42

Instrument :

MSVOA_X

ClientSampleId :

VX1015WBS01

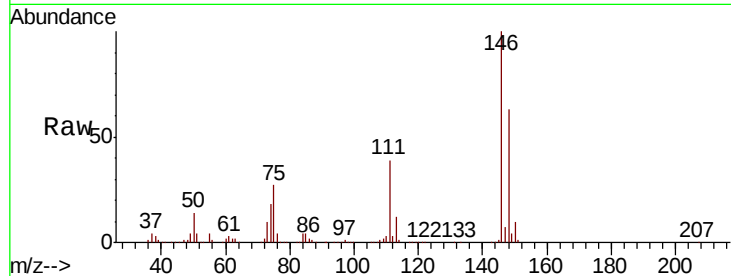
Tot Ion:146 Resp: 130399

Ion Ratio Lower Upper

146 100

111 37.1 18.7 56.1

148 63.8 32.1 96.5

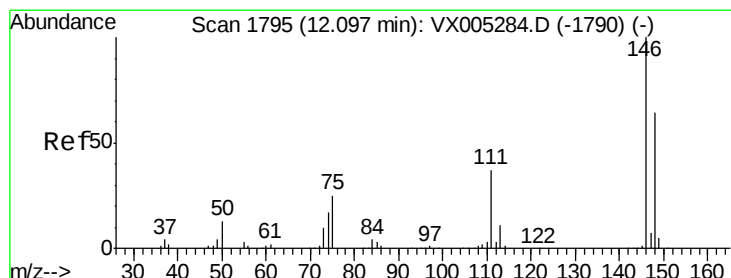
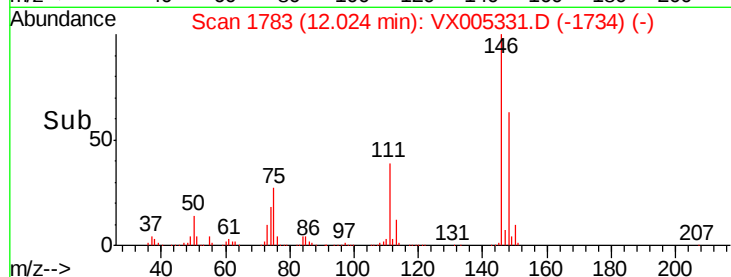
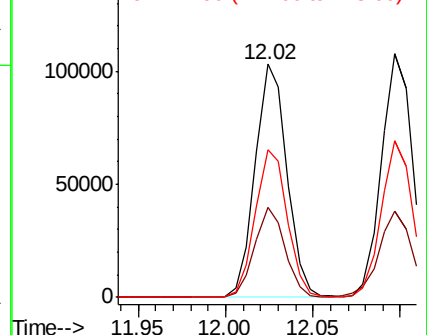


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 20.050 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX005331.D

Acq: 15 Oct 2018 09:42

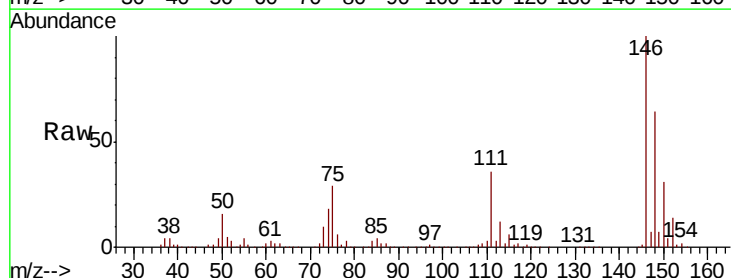
Tgt Ion:146 Resp: 133493

Ion Ratio Lower Upper

146 100

111 37.4 18.1 54.1

148 64.8 32.0 96.0

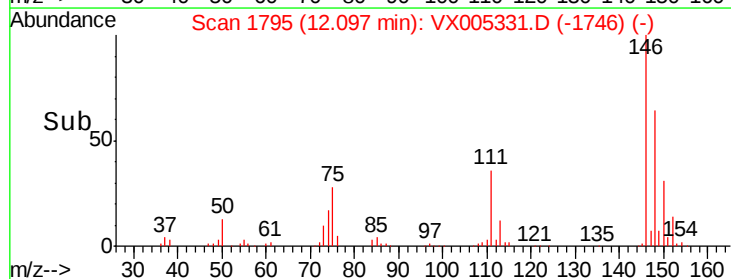
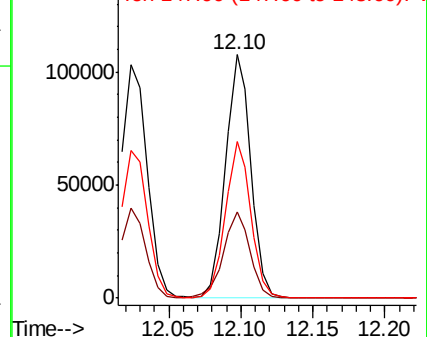


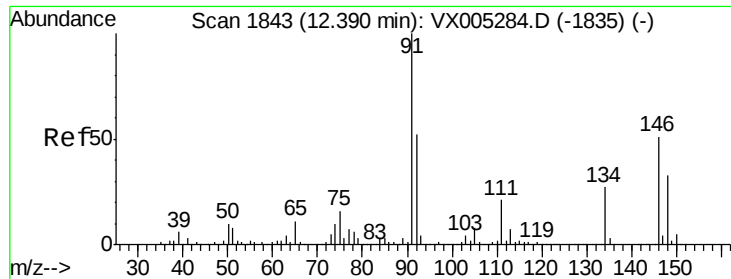
Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

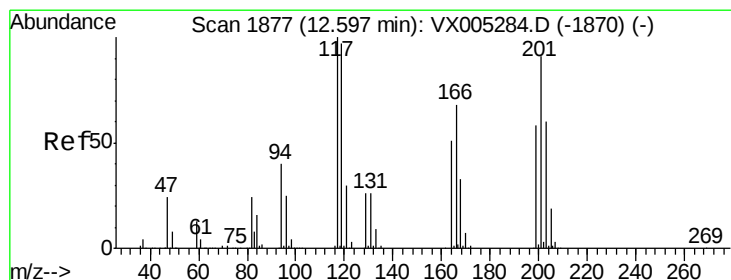
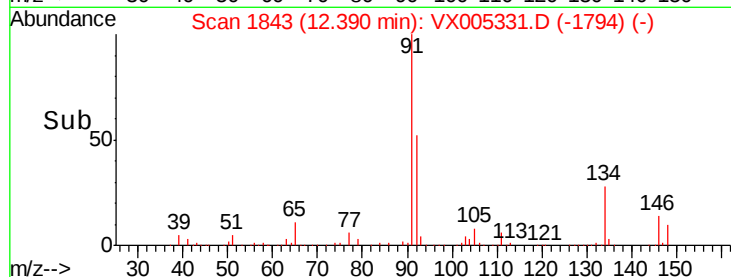
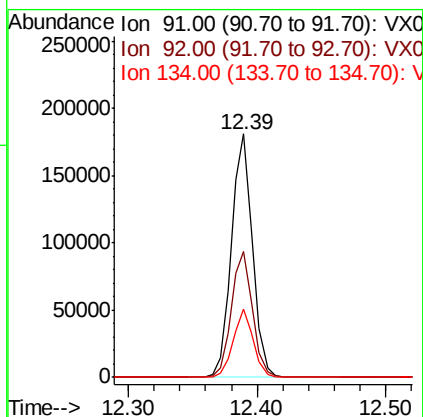
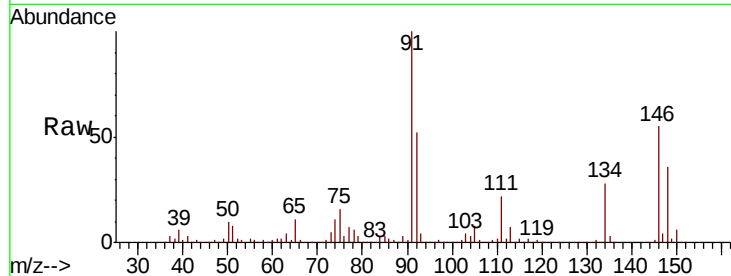




#89
n-Butylbenzene
Concen: 20.216 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX005331.D
Acq: 15 Oct 2018 09:42

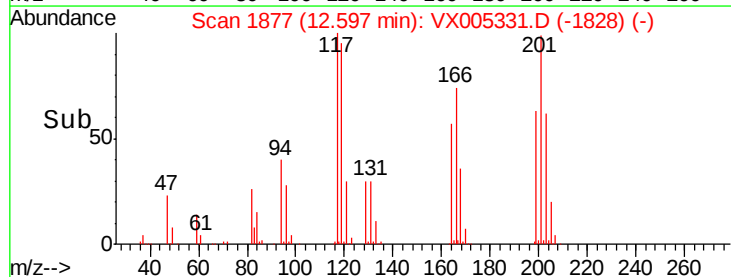
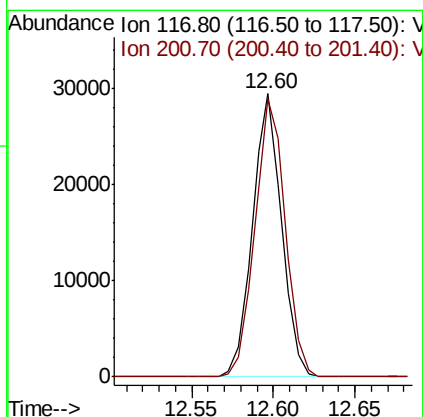
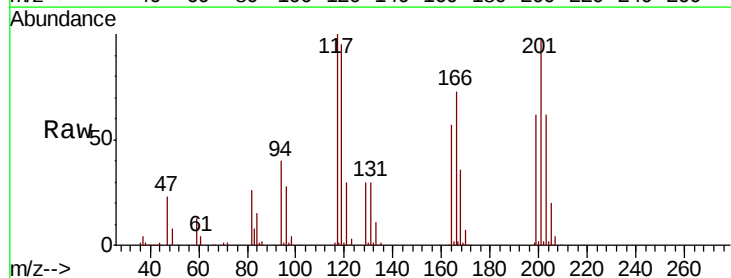
Instrument :
MSVOA_X
ClientSampleId :
VX1015WBS01

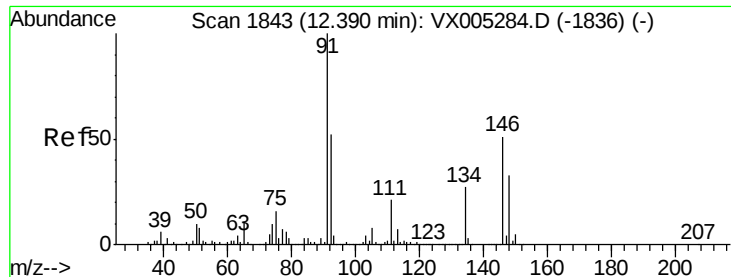
Tot Ion: 91 Resp: 207393
Ion Ratio Lower Upper
91 100
92 51.8 27.3 81.9
134 26.7 13.6 40.7



#90
Hexachloroethane
Concen: 18.723 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX005331.D
Acq: 15 Oct 2018 09:42

Tgt Ion: 117 Resp: 36458
Ion Ratio Lower Upper
117 100
201 102.2 46.9 140.6





#91

1,2-Dichlorobenzene

Concen: 19.384 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX005331.D

Acq: 15 Oct 2018 09:42

Instrument :

MSVOA_X

ClientSampled :

VX1015WBS01

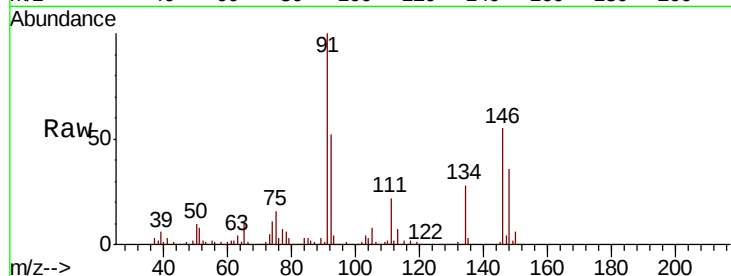
Tot Ion:146 Resp: 128740

Ion Ratio Lower Upper

146 100

111 39.3 19.4 58.1

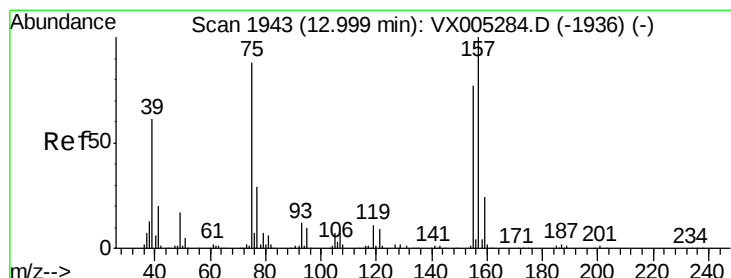
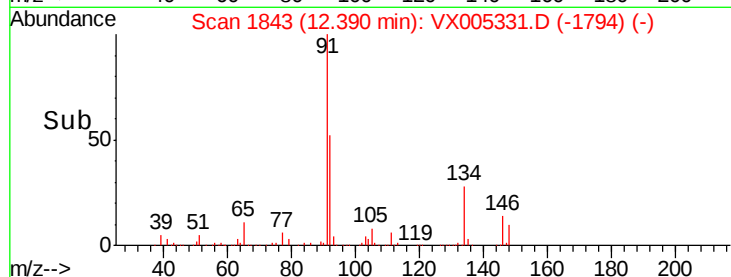
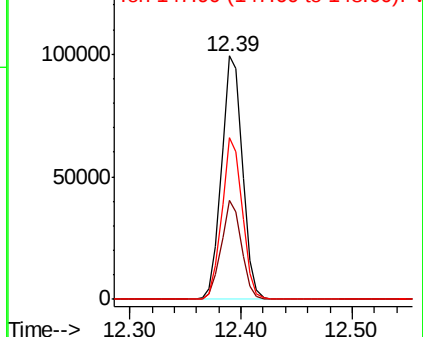
148 64.8 32.8 98.3



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: 18.134 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX005331.D

Acq: 15 Oct 2018 09:42

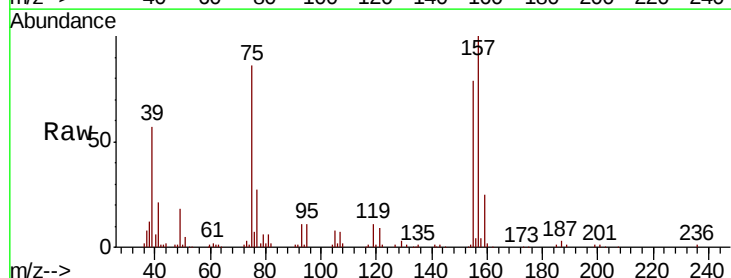
Tgt Ion: 75 Resp: 20326

Ion Ratio Lower Upper

75 100

155 93.0 48.0 144.2

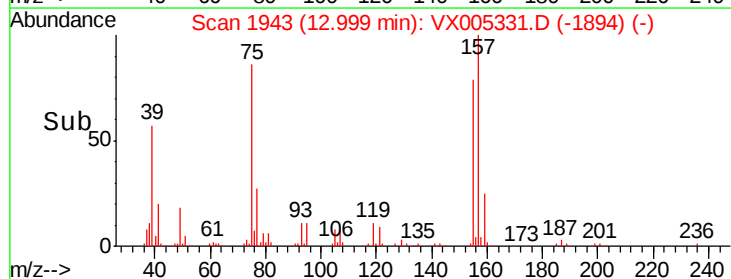
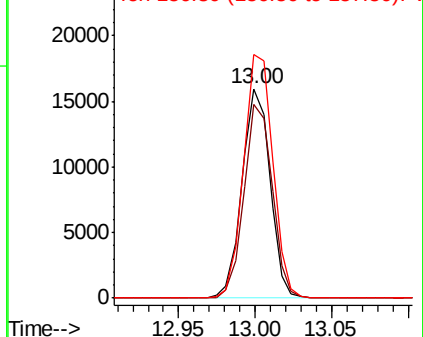
157 121.1 61.4 184.1

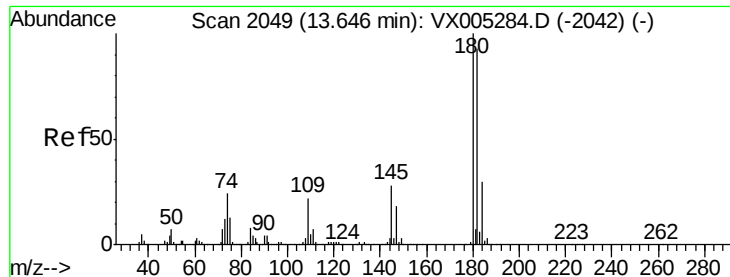


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

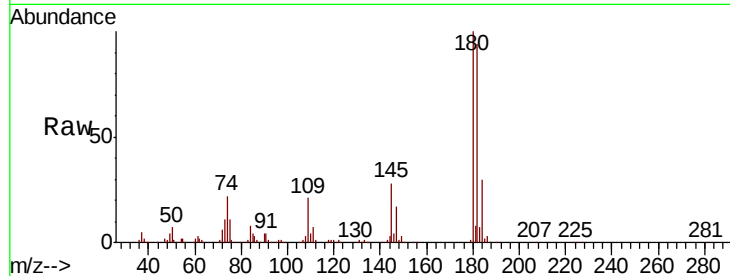




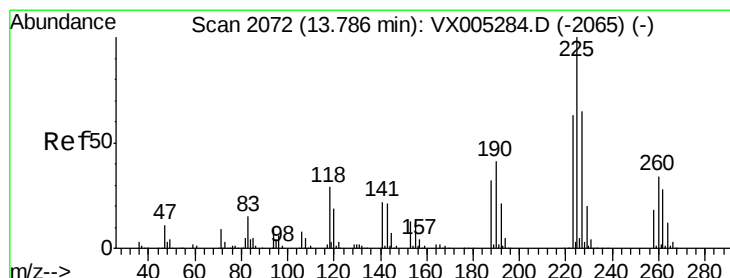
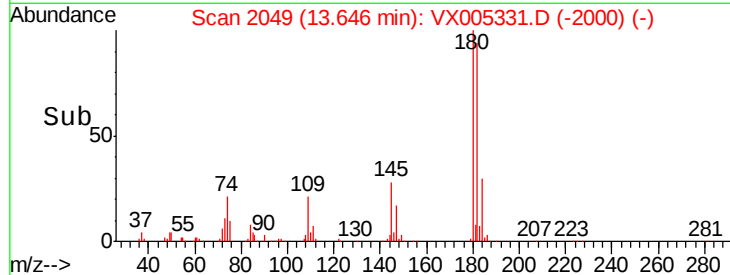
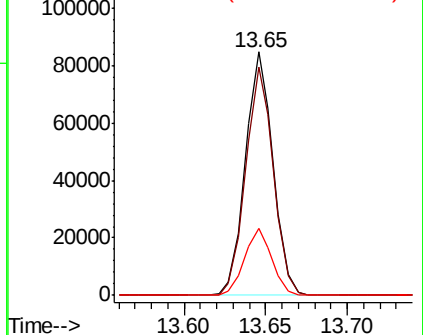
#93
 1,2,4-Trichlorobenzene
 Concen: 20.586 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX005331.D
 Acq: 15 Oct 2018 09:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1015WBS01

Tot Ion:180 Resp: 100311
 Ion Ratio Lower Upper
 180 100
 182 93.7 48.4 145.0
 145 27.2 14.3 42.9

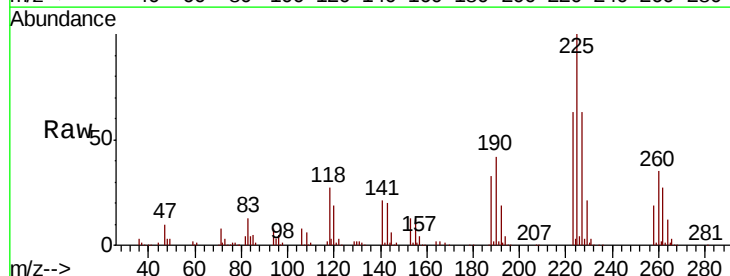


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

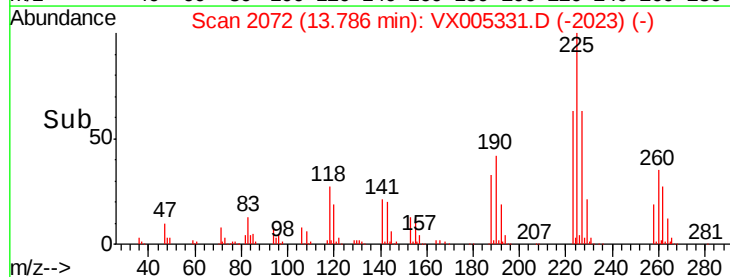
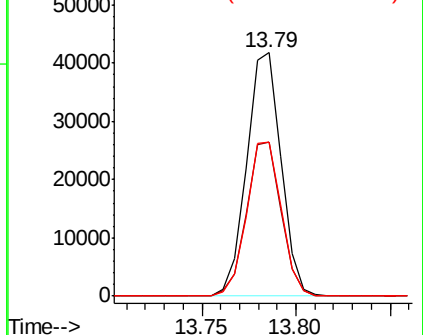


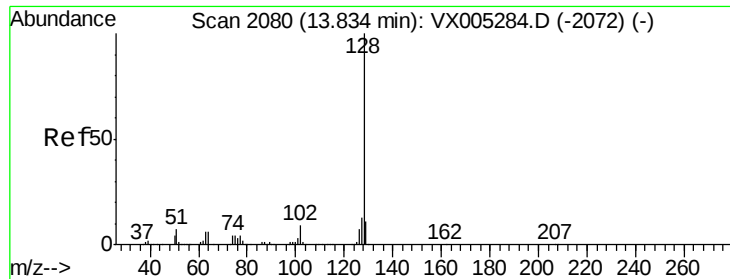
#94
 Hexachlorobutadiene
 Concen: 20.534 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX005331.D
 Acq: 15 Oct 2018 09:42

Tgt Ion:225 Resp: 52846
 Ion Ratio Lower Upper
 225 100
 223 63.7 30.1 90.5
 227 63.9 30.8 92.4



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

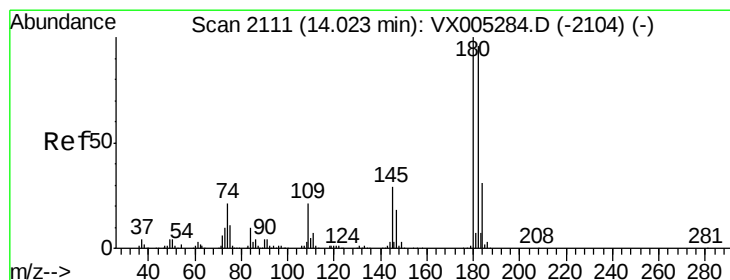
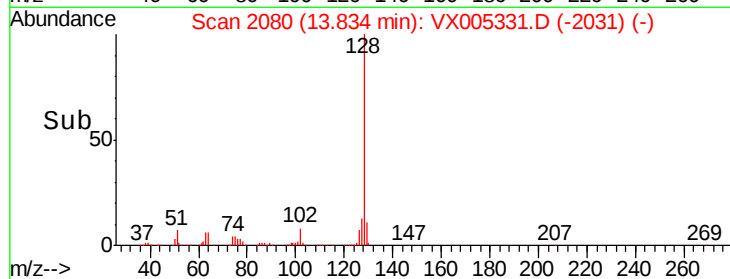
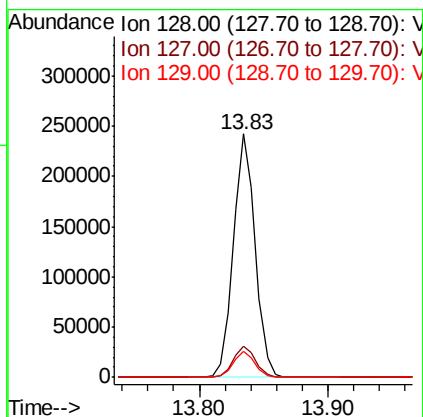
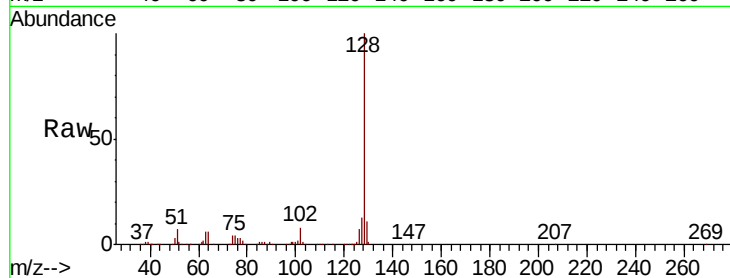




#95
Naphthalene
Concen: 20.247 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005331.D
Acq: 15 Oct 2018 09:42

Instrument :
MSVOA_X
ClientSampleId :
VX1015WBS01

Tot Ion:128 Resp: 286127
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 10.7 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 20.373 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. 0.00 min
Lab File: VX005331.D
Acq: 15 Oct 2018 09:42

Tgt Ion:180 Resp: 101577
Ion Ratio Lower Upper
180 100
182 96.6 48.5 145.6
145 29.3 14.9 44.9

