

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092618\
 Data File : VX004731.D
 Acq On : 26 Sep 2018 17:28
 Operator : JC/MD
 Sample : J4870-01DL 2X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PT-VOA-WPDL

Quant Time: Sep 27 01:12:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	257613	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	374436	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	356836	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	207850	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	214985	58.42	ug/l	0.00
Spiked Amount			Recovery	=	116.84%	
35) Dibromofluoromethane	5.49	113	161575	50.92	ug/l	0.00
Spiked Amount			Recovery	=	101.84%	
50) Toluene-d8	8.72	98	584612	55.41	ug/l	0.00
Spiked Amount			Recovery	=	110.82%	
62) 4-Bromofluorobenzene	11.14	95	202548	53.29	ug/l	0.00
Spiked Amount			Recovery	=	106.58%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	3954	0.928	ug/l	99
4) Vinyl Chloride	1.40	62	103202	25.821	ug/l	94
5) Bromomethane	1.64	94	79994	33.751	ug/l	100
6) Chloroethane	1.72	64	42467	18.007	ug/l	95
10) Methyl Iodide	2.51	142	6529	1.731	ug/l	96
11) Tert butyl alcohol	3.02	59	5357	5.206	ug/l #	72
12) 1,1-Dichloroethene	2.37	96	789	0.283	ug/l	93
13) Acrolein	2.29	56	376	0.514	ug/l #	62
15) Acrylonitrile	3.15	53	676	0.298	ug/l #	67
16) Acetone	2.45	43	156561	72.871	ug/l	99
17) Carbon Disulfide	2.57	76	2700	0.322	ug/l #	91
18) Methyl Acetate	2.78	43	1490	0.274	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	532167	55.272	ug/l	99
20) Methylene Chloride	2.85	84	51147	15.800	ug/l #	84
21) trans-1,2-Dichloroethene	3.16	96	36570	11.968	ug/l	90
24) 1,1-Dichloroethane	3.70	63	166008	27.136	ug/l	99
25) 2-Butanone	4.71	43	349974	110.510	ug/l	90
28) Bromochloromethane	5.01	49	691	0.240	ug/l #	69
29) Tetrahydrofuran	5.17	42	1276	0.648	ug/l #	68
30) Chloroform	5.21	83	153953	26.627	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	40623	8.603	ug/l	99
37) Ethyl Acetate	4.71	43	349974	60.894	ug/l #	68
38) Carbon Tetrachloride	5.66	117	23435	5.149	ug/l #	15
40) Benzene	6.15	78	578653	42.690	ug/l	97
42) 1,2-Dichloroethane	6.15	62	5176	1.080	ug/l #	72
44) Trichloroethene	7.21	130	117393	35.230	ug/l	93
45) 1,2-Dichloropropane	7.52	63	152205	45.788	ug/l	99
46) Dibromomethane	7.66	93	133593	63.949	ug/l	96
48) Methyl methacrylate	8.04	41	7131	1.894	ug/l #	35
49) 1,4-Dioxane	7.67	88	765	8.178	ug/l #	34
51) 4-Methyl-2-Pentanone	8.65	43	415926	79.632	ug/l	93
52) Toluene	8.79	92	204088	27.401	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	261235	56.428	ug/l	98
56) Ethyl methacrylate	9.19	69	23	2.866	ug/l #	26

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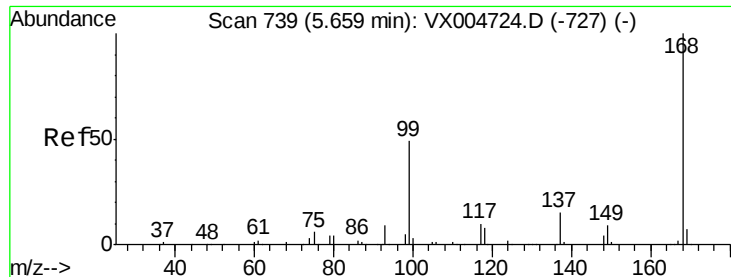
Instrument :
 MSVOA_X
 ClientSampleId :
 PT-VOA-WPDL

Quant Time: Sep 27 01:12:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

58) 2-Chloroethyl Vinyl ether	8.28	63	908	14.547	ug/l #	45
59) 2-Hexanone	9.50	43	296788	68.188	ug/l	92
60) Dibromochloromethane	9.59	129	107899	33.069	ug/l	99
61) 1,2-Dibromoethane	9.68	107	161014	46.082	ug/l	100
64) Tetrachloroethene	9.34	164	81364	23.167	ug/l	96
65) Chlorobenzene	10.14	112	185687	20.293	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	211315	65.690	ug/l	99
67) Ethyl Benzene	10.26	91	115438	7.946	ug/l	98
68) m/p-Xylenes	10.36	106	104152	18.347	ug/l	92
69) o-Xylene	10.70	106	210302	40.333	ug/l	96
70) Styrene	10.71	104	530290	54.190	ug/l	99
71) Bromoform	10.86	173	121056	43.956	ug/l	100
74) N-amyl acetate	10.90	43	304	1.789	ug/l #	70
75) 1,1,2,2-Tetrachloroethane	11.27	83	366107	68.649	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	316213	67.876	ug/l	87
80) 1,3,5-Trimethylbenzene	11.51	105	301279	24.992	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.14	75	100106	58.264	ug/l #	10
82) 4-Chlorotoluene	11.51	91	32597	2.956	ug/l #	46
83) tert-Butylbenzene	11.81	119	65745	6.095	ug/l #	62
84) 1,2,4-Trimethylbenzene	11.81	105	505480	40.784	ug/l	99
85) sec-Butylbenzene	11.81	105	505480	38.474	ug/l #	55
86) p-Isopropyltoluene	11.81	119	64113	5.386	ug/l #	18
87) 1,3-Dichlorobenzene	12.03	146	401688	56.531	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	314660	42.898	ug/l	99
90) Hexachloroethane	12.60	117	1443	0.728	ug/l	94
91) 1,2-Dichlorobenzene	12.40	146	205062	27.615	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	47934	40.936	ug/l	94
93) 1,2,4-Trichlorobenzene	13.65	180	309900	59.493	ug/l	99
94) Hexachlorobutadiene	13.79	225	194722	72.089	ug/l	96
95) Naphthalene	13.83	128	1203491	69.328	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	2056	0.382	ug/l	95

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

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MSVOA_X

ClientSampleId :

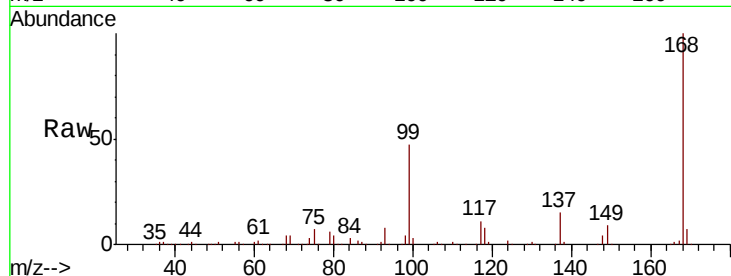
PT-VOA-WPDL

Tot Ion:168 Resp: 257613

Ion Ratio Lower Upper

168 100

99 46.7 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

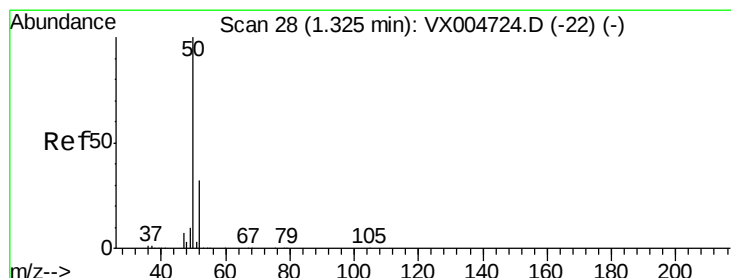
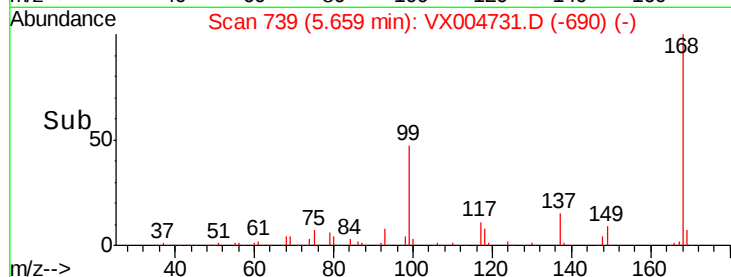
40000

20000

0

5.60 5.70 5.80

Time-->



#3

Chloromethane

Concen: 0.928 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX004731.D

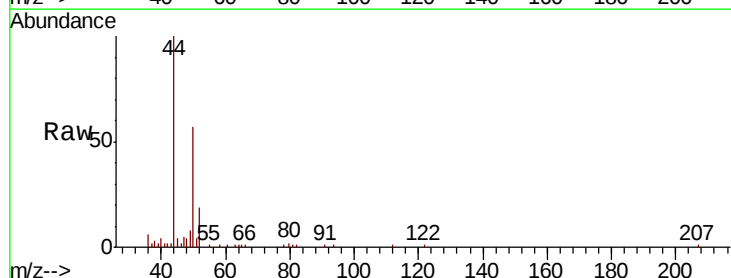
Acq: 26 Sep 2018 17:28

Tgt Ion: 50 Resp: 3954

Ion Ratio Lower Upper

50 100

52 33.3 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

3000

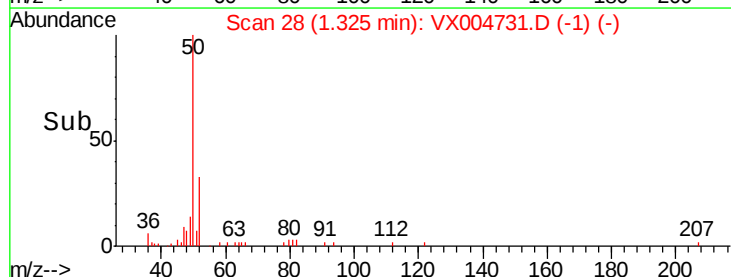
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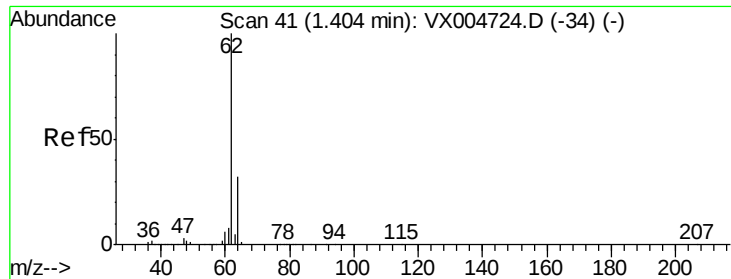
1000

0

1.25 1.30 1.35

Time-->





#4

Vinyl Chloride

Concen: 25.821 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX004731.D

Acq: 26 Sep 2018 17:28

Instrument :

MSVOA_X

ClientSampleId :

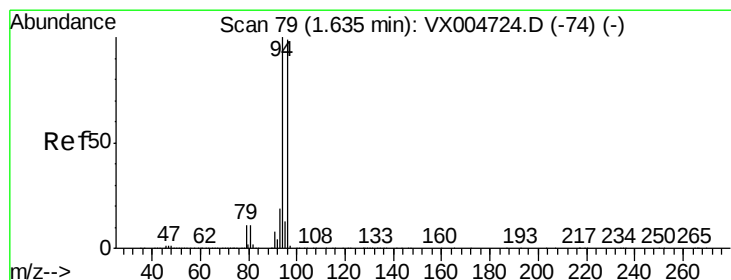
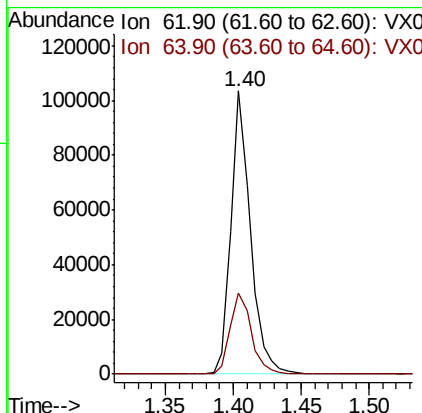
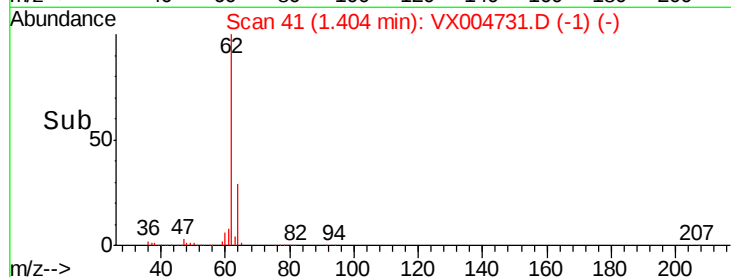
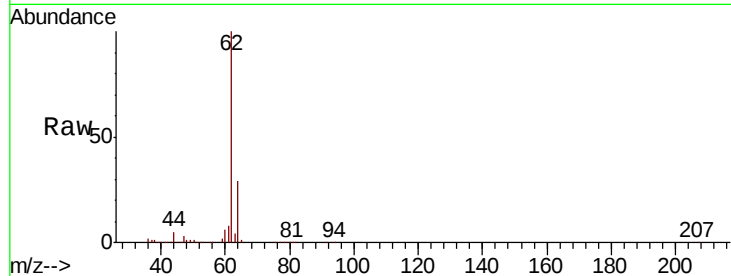
PT-VOA-WPDL

Tot Ion: 62 Resp: 103202

Ion Ratio Lower Upper

62 100

64 28.7 25.8 38.8



#5

Bromomethane

Concen: 33.751 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX004731.D

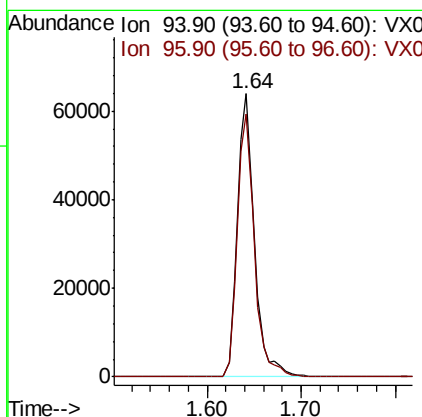
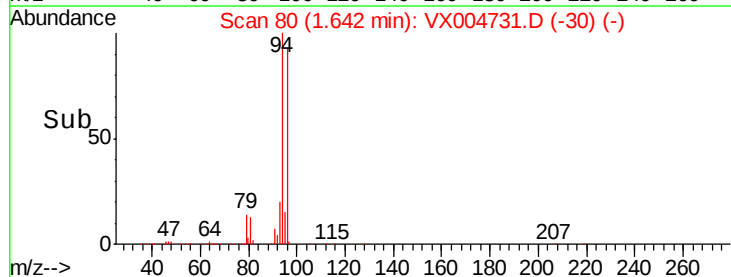
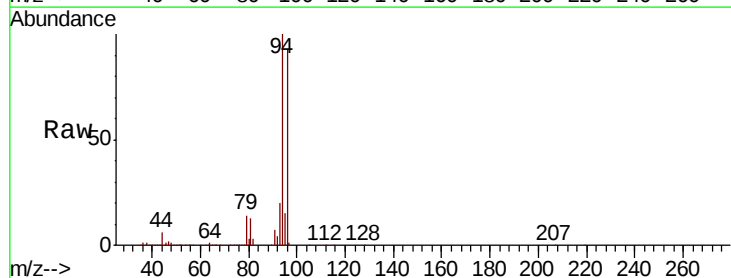
Acq: 26 Sep 2018 17:28

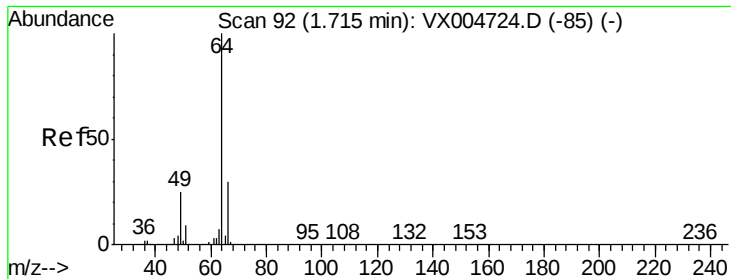
Tgt Ion: 94 Resp: 79994

Ion Ratio Lower Upper

94 100

96 93.1 74.5 111.7





#6

Chloroethane

Concen: 18.007 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX004731.D

Acq: 26 Sep 2018 17:28

Instrument :

MSVOA_X

ClientSampleId :

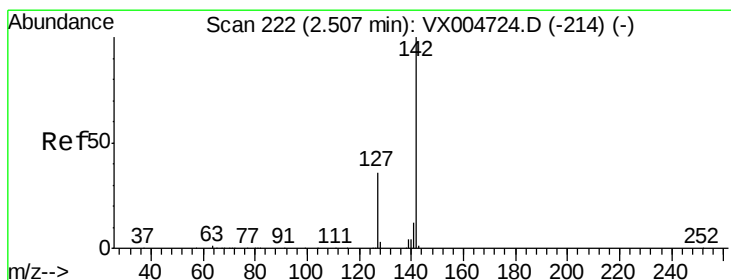
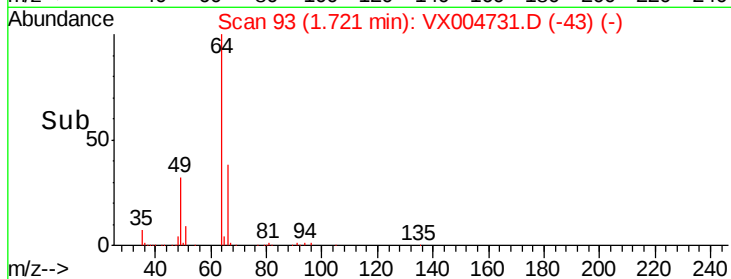
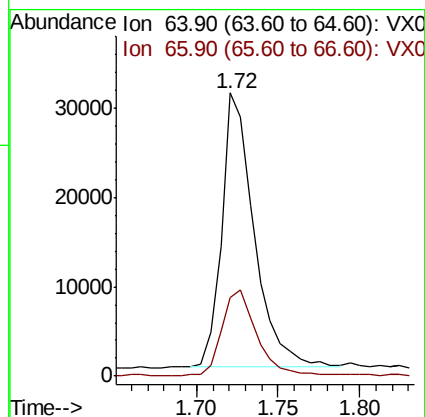
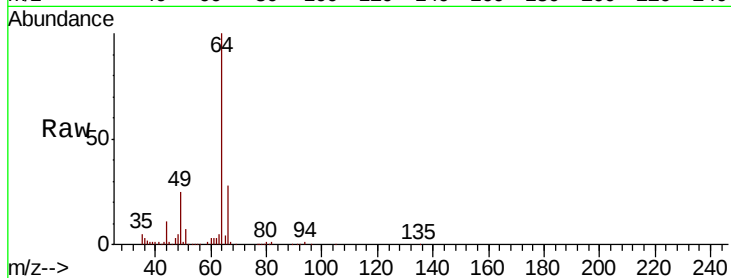
PT-VOA-WPDL

Tot Ion: 64 Resp: 42467

Ion Ratio Lower Upper

64 100

66 28.0 24.6 36.8



#10

Methyl Iodide

Concen: 1.731 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX004731.D

Acq: 26 Sep 2018 17:28

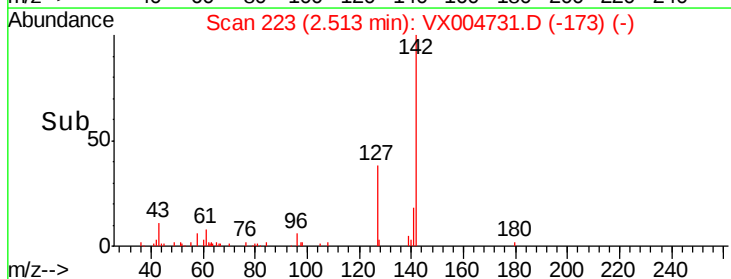
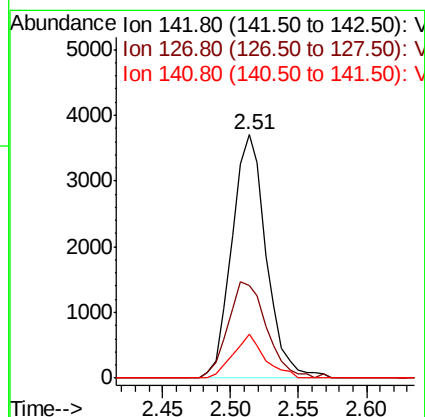
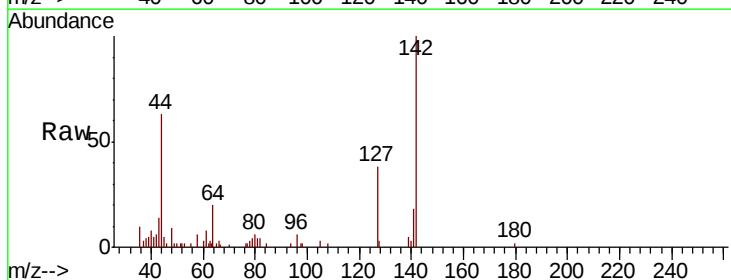
Tgt Ion: 142 Resp: 6529

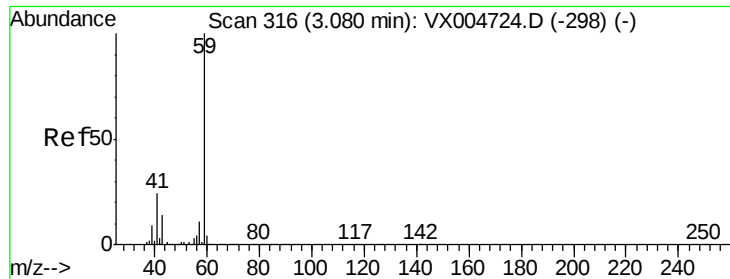
Ion Ratio Lower Upper

142 100

127 44.5 33.8 50.6

141 16.5 11.4 17.0

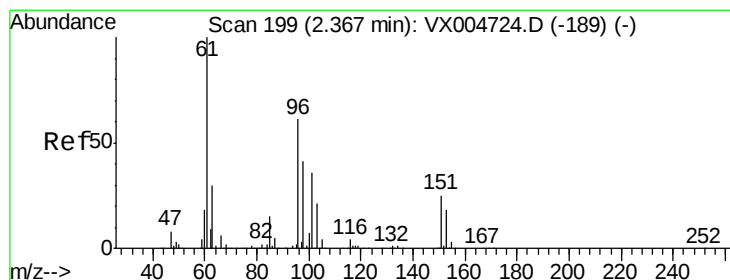
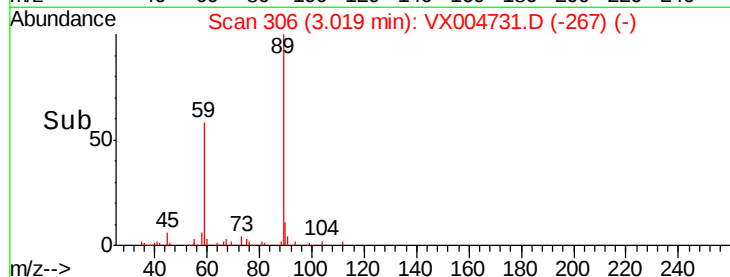
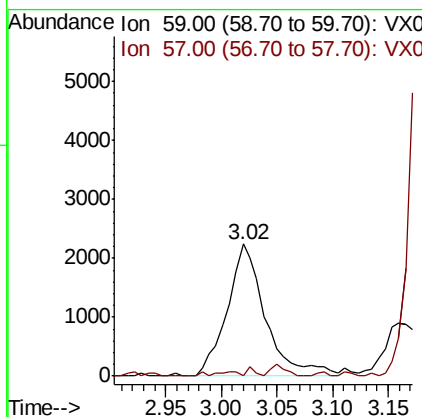
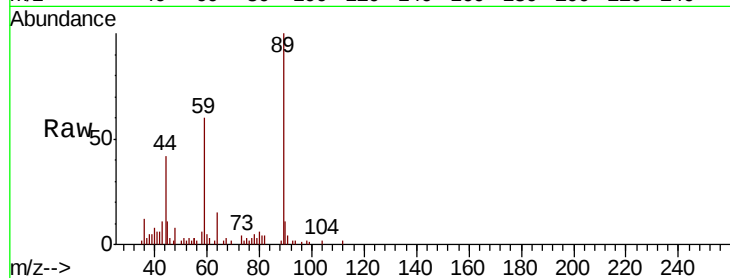




#11
Tert butyl alcohol
Concen: 5.206 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.06 min
Lab File: VX004731.D
Acq: 26 Sep 2018 17:28

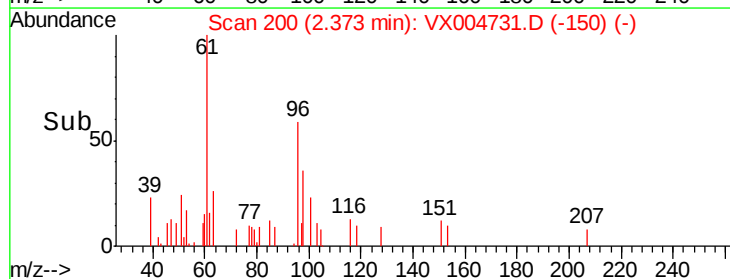
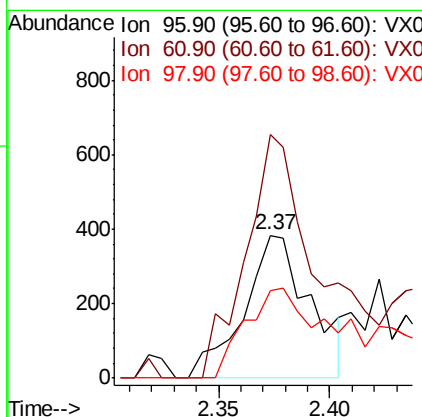
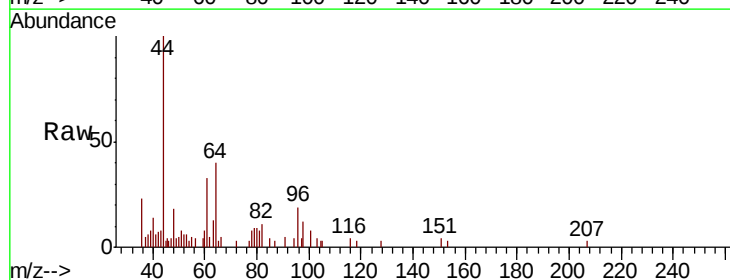
Instrument :
MSVOA_X
ClientSampled :
PT-VOA-WPDL

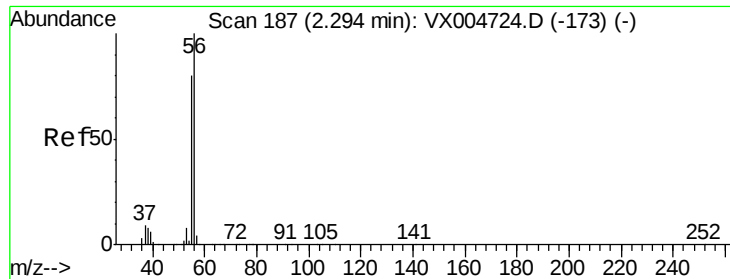
Tot Ion: 59 Resp: 5357
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#12
1,1-Dichloroethene
Concen: 0.283 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX004731.D
Acq: 26 Sep 2018 17:28

Tgt Ion: 96 Resp: 789
Ion Ratio Lower Upper
96 100
61 170.8 128.8 193.2
98 61.1 52.2 78.2





#13

Acrolein

Concen: 0.514 ug/l

RT: 2.29 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX004731.D

Acq: 26 Sep 2018 17:28

Instrument :

MSVOA_X

ClientSampleId :

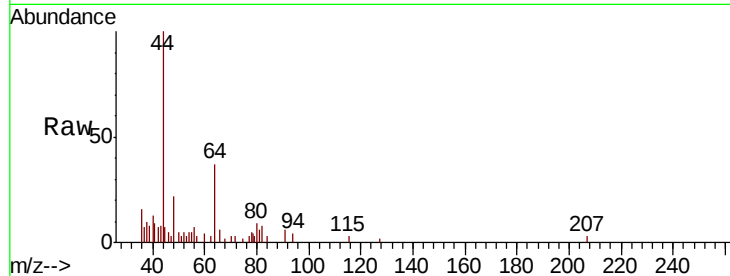
PT-VOA-WPDL

Tot Ion: 56 Resp: 376

Ion Ratio Lower Upper

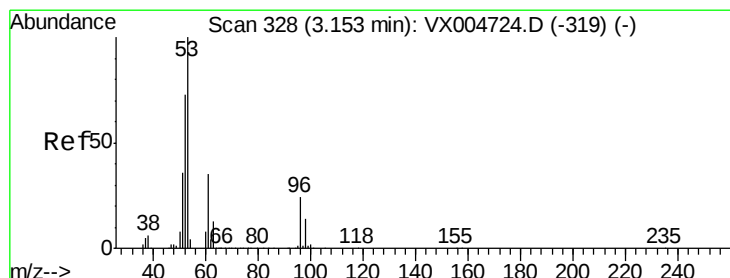
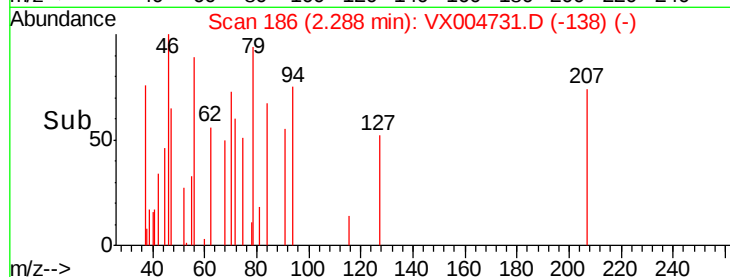
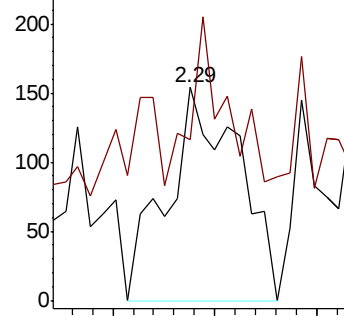
56 100

55 37.5 54.7 82.1#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#15

Acrylonitrile

Concen: 0.298 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX004731.D

Acq: 26 Sep 2018 17:28

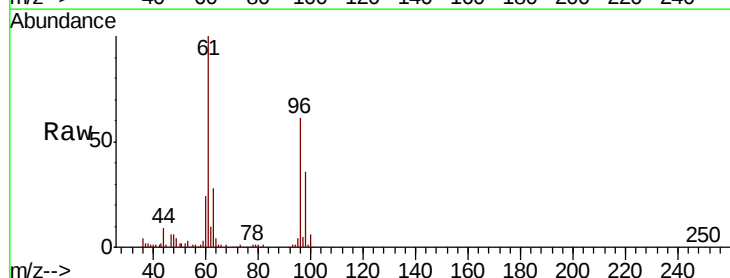
Tgt Ion: 53 Resp: 676

Ion Ratio Lower Upper

53 100

52 100.0 65.2 97.8#

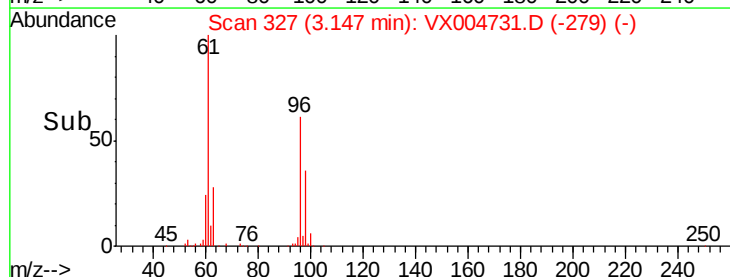
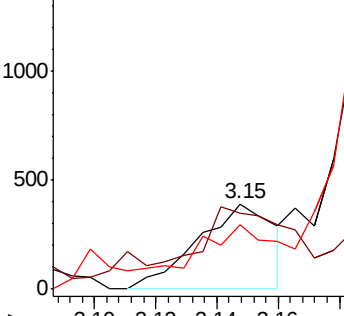
51 0.0 28.2 42.2#

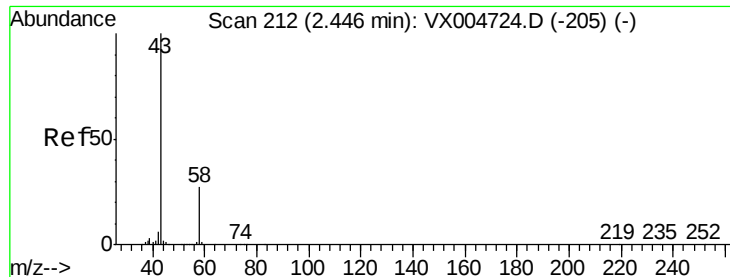


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#16

Acetone

Concen: 72.871 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX004731.D

Acq: 26 Sep 2018 17:28

Instrument :

MSVOA_X

ClientSampled :

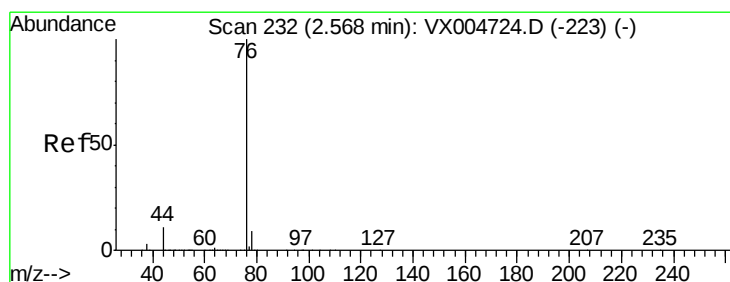
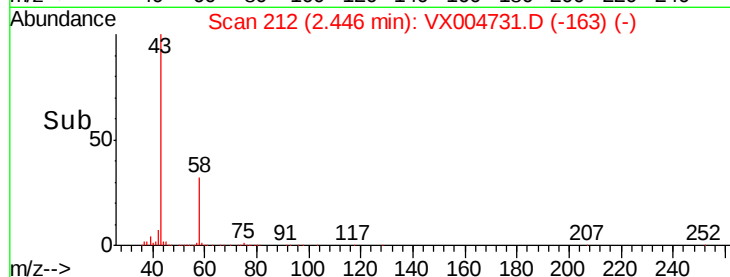
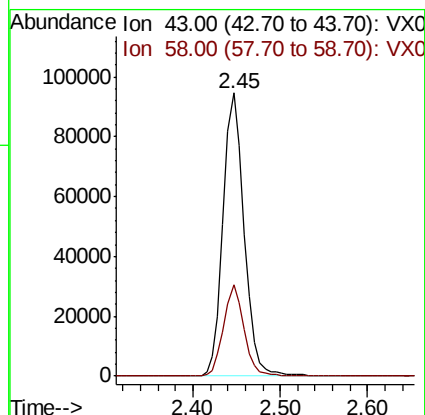
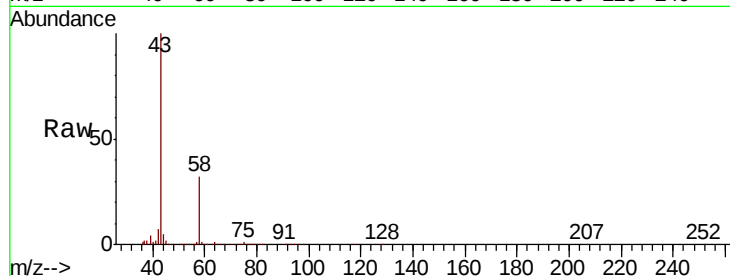
PT-VOA-WPDL

Tot Ion: 43 Resp: 156561

Ion Ratio Lower Upper

43 100

58 32.3 26.2 39.4



#17

Carbon Disulfide

Concen: 0.322 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX004731.D

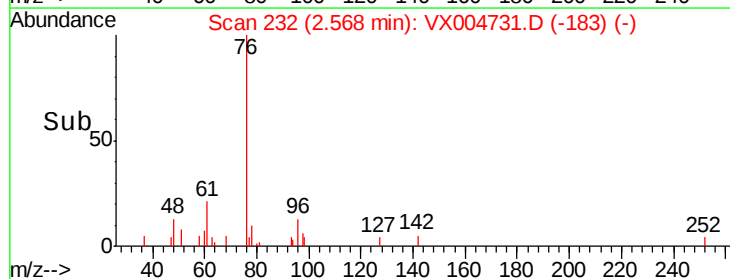
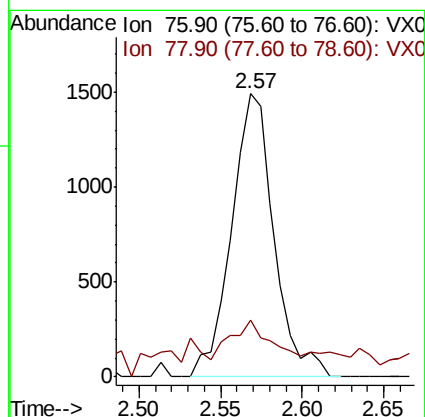
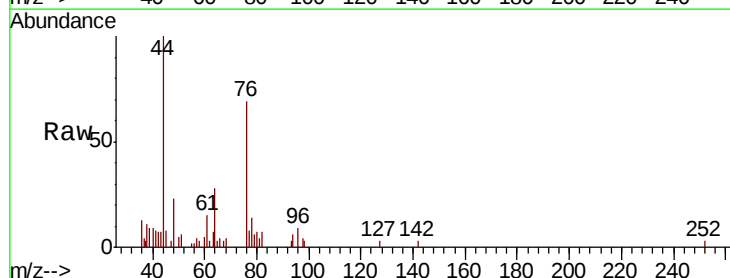
Acq: 26 Sep 2018 17:28

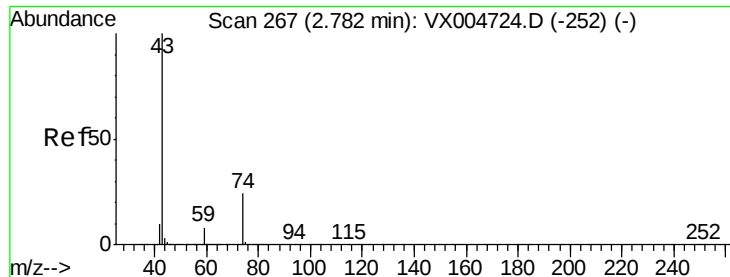
Tgt Ion: 76 Resp: 2700

Ion Ratio Lower Upper

76 100

78 12.2 7.0 10.6#

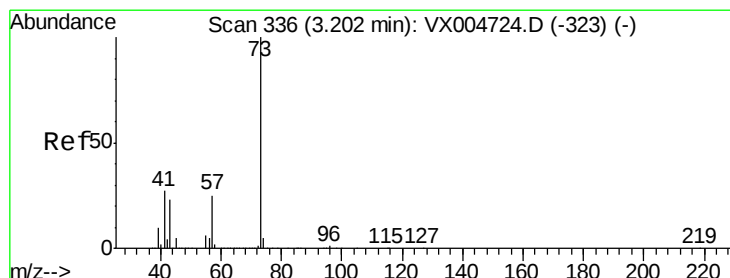
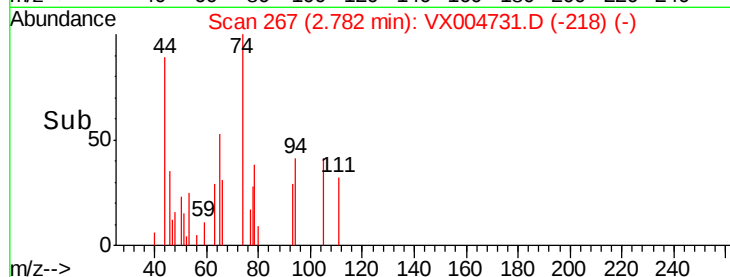
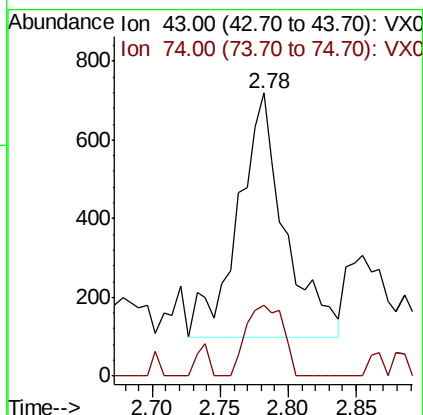
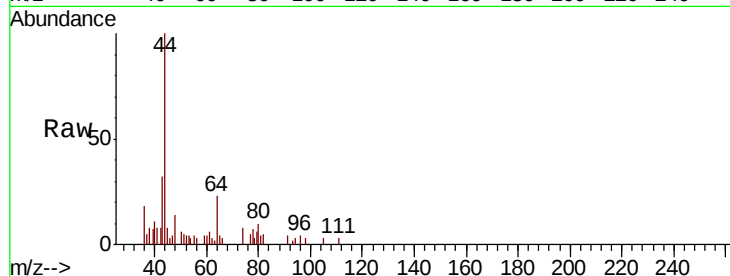




#18
Methvl Acetate
Concen: 0.274 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX004731.D
Acq: 26 Sep 2018 17:28

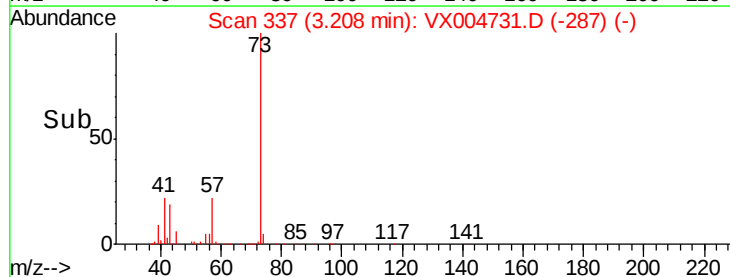
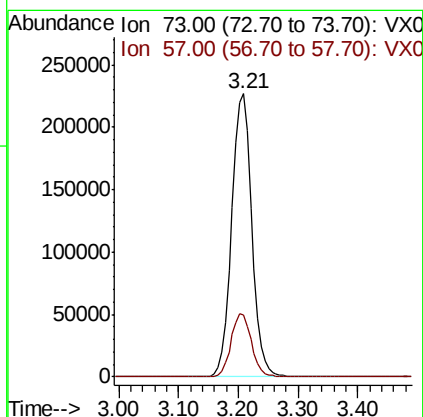
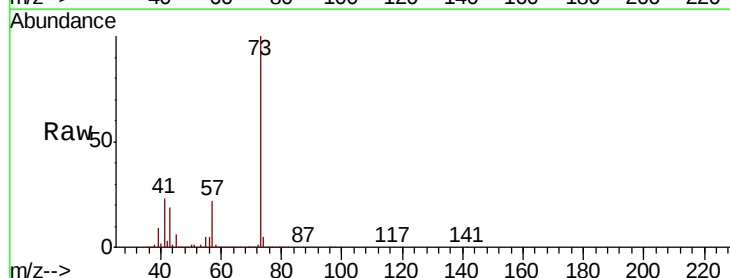
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WPDL

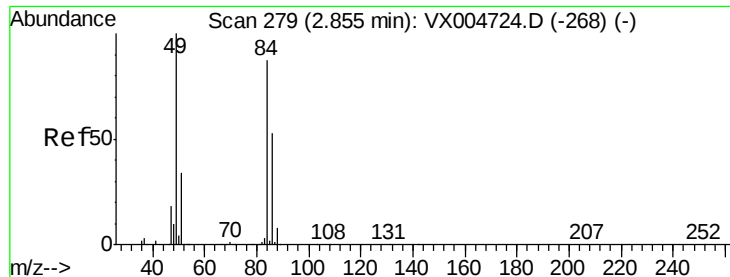
Tot Ion: 43 Resp: 1490
Ion Ratio Lower Upper
43 100
74 23.2 19.4 29.2



#19
Methyl tert-butyl Ether
Concen: 55.272 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX004731.D
Acq: 26 Sep 2018 17:28

Tgt Ion: 73 Resp: 532167
Ion Ratio Lower Upper
73 100
57 21.9 17.1 25.7

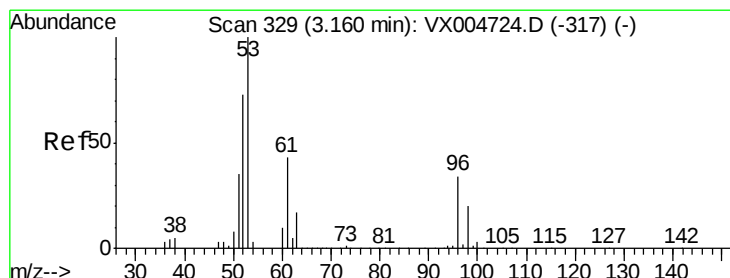
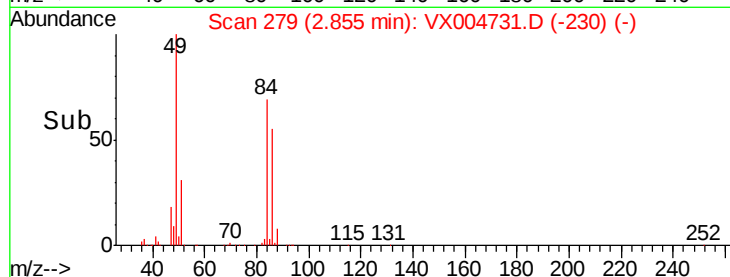
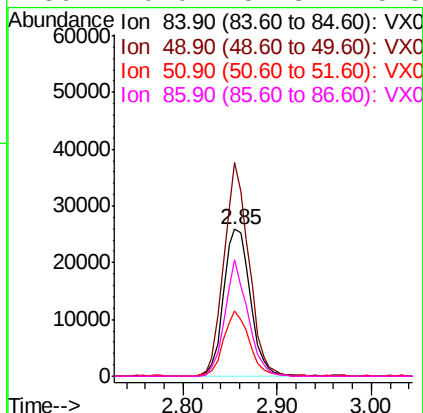
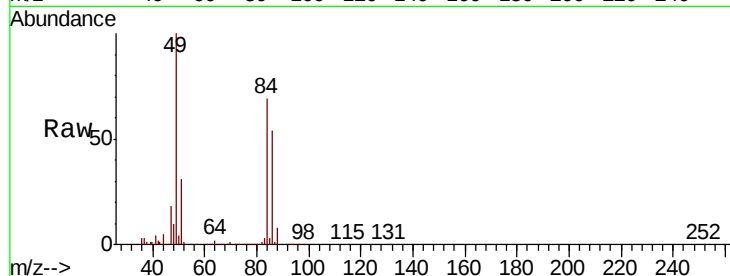




#20
Methvlene Chloride
Concen: 15.800 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX004731.D
Acq: 26 Sep 2018 17:28

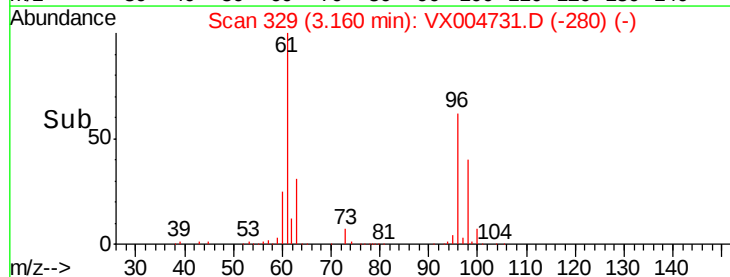
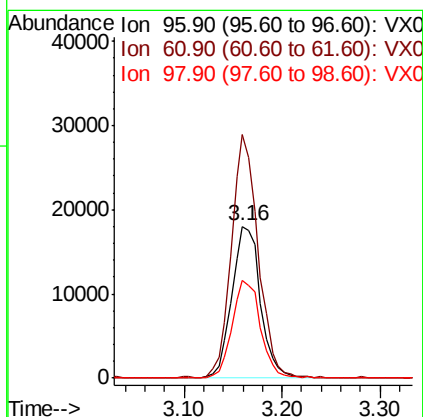
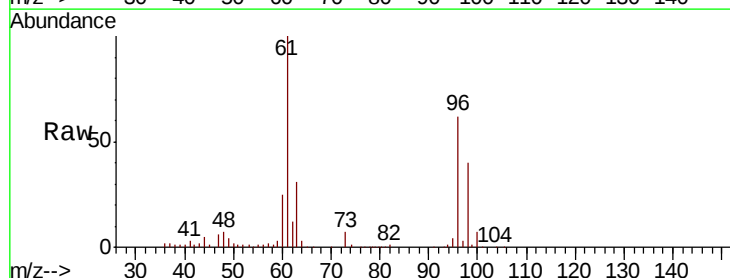
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WPDL

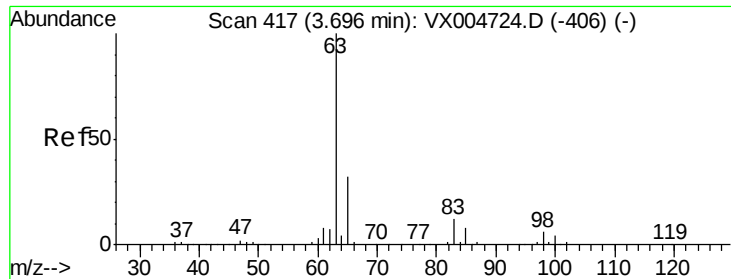
Tot Ion: 84 Resp: 51147
Ion Ratio Lower Upper
84 100
49 145.1 101.2 151.8
51 44.5 29.5 44.3#
86 79.0 52.3 78.5#



#21
trans-1,2-Dichloroethene
Concen: 11.968 ug/l
RT: 3.16 min Scan# 329
Delta R.T. 0.00 min
Lab File: VX004731.D
Acq: 26 Sep 2018 17:28

Tgt Ion: 96 Resp: 36570
Ion Ratio Lower Upper
96 100
61 159.9 113.8 170.6
98 64.6 51.8 77.8





#24

1,1-Dichloroethane

Concen: 27.136 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX004731.D

Acq: 26 Sep 2018 17:28

Instrument :

MSVOA_X

ClientSampleId :

PT-VOA-WPDL

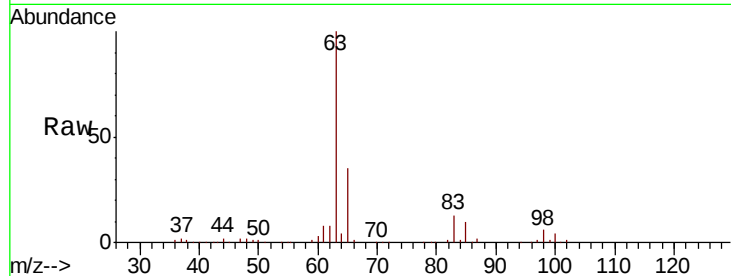
Tot Ion: 63 Resp: 166008

Ion Ratio Lower Upper

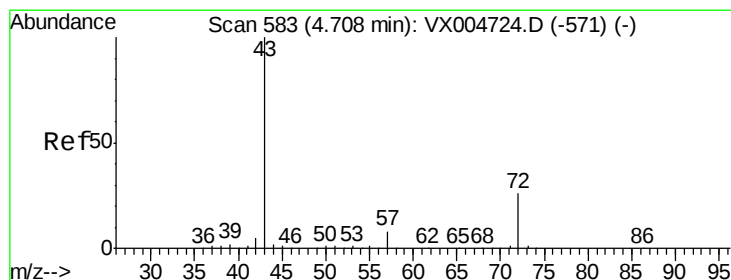
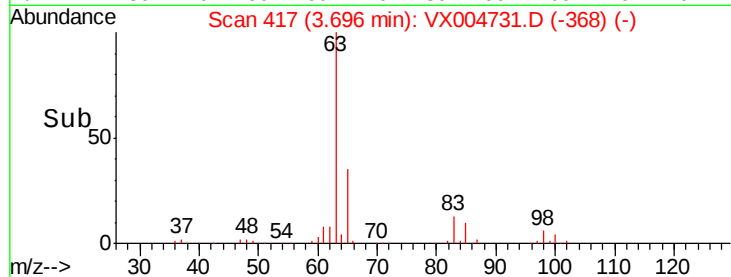
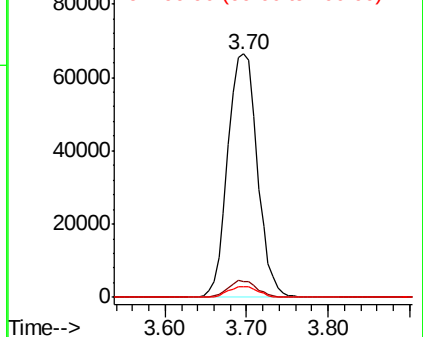
63 100

98 6.4 3.5 10.4

100 4.4 2.4 7.1



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



#25

2-Butanone

Concen: 110.510 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.00 min

Lab File: VX004731.D

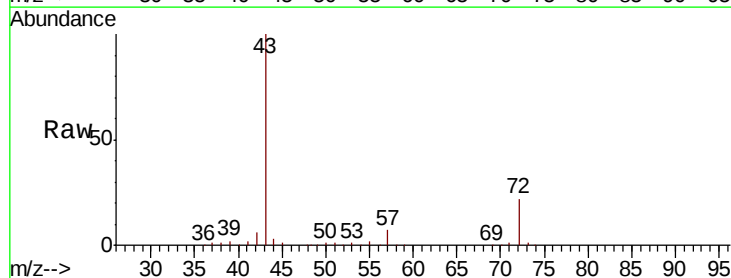
Acq: 26 Sep 2018 17:28

Tgt Ion: 43 Resp: 349974

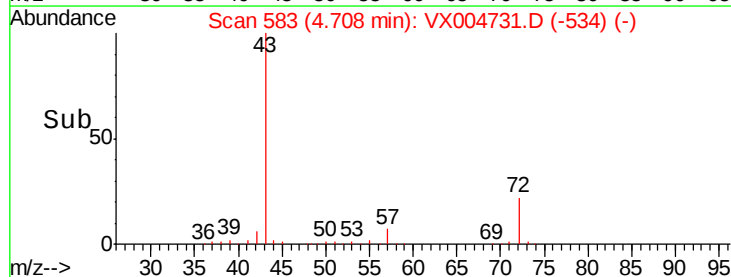
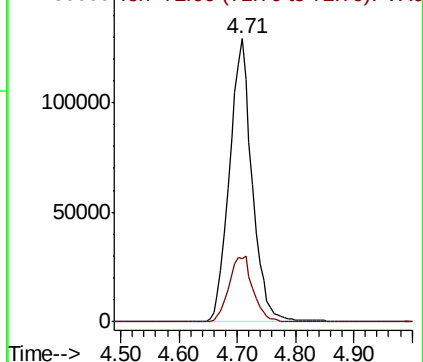
Ion Ratio Lower Upper

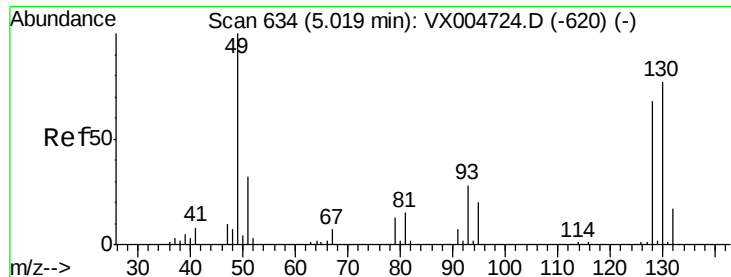
43 100

72 22.2 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0





#28

Bromochloromethane

Concen: 0.240 ug/l

RT: 5.01 min Scan# 633

Delta R.T. -0.01 min

Lab File: VX004731.D

Acq: 26 Sep 2018 17:28

Instrument :

MSVOA_X

ClientSampleId :

PT-VOA-WPDL

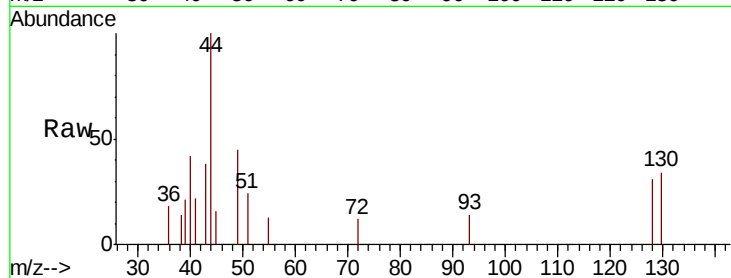
Tot Ion: 49 Resp: 691

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.2

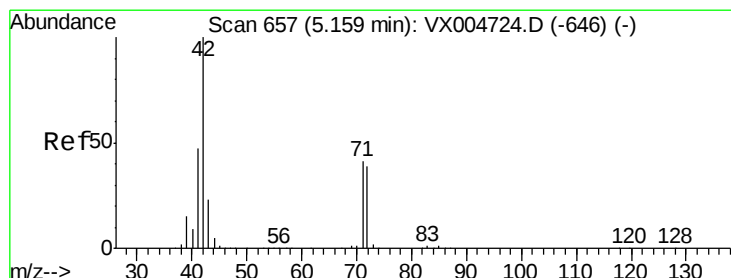
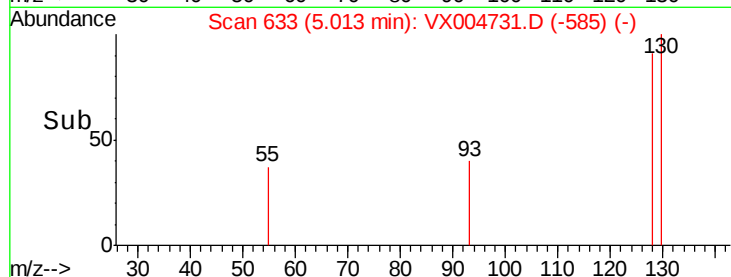
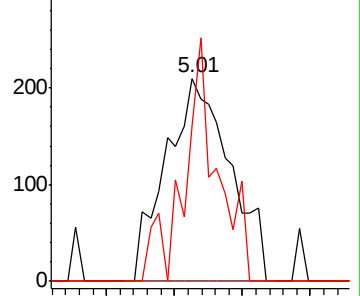
130 55.9 67.5 101.3#



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: 0.648 ug/l

RT: 5.17 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX004731.D

Acq: 26 Sep 2018 17:28

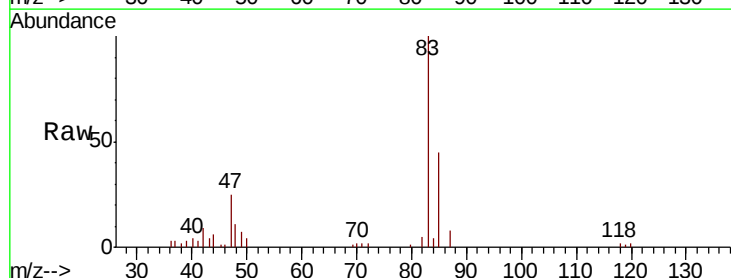
Tgt Ion: 42 Resp: 1276

Ion Ratio Lower Upper

42 100

72 15.8 37.4 56.0#

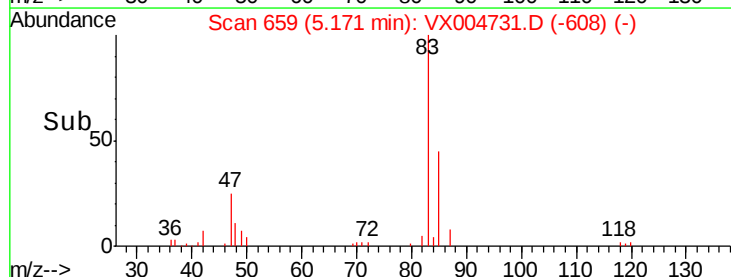
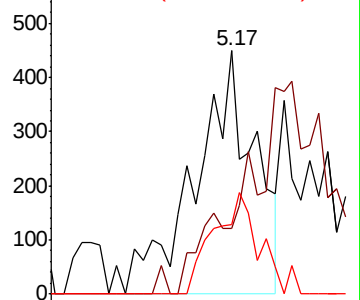
71 32.7 34.5 51.7#

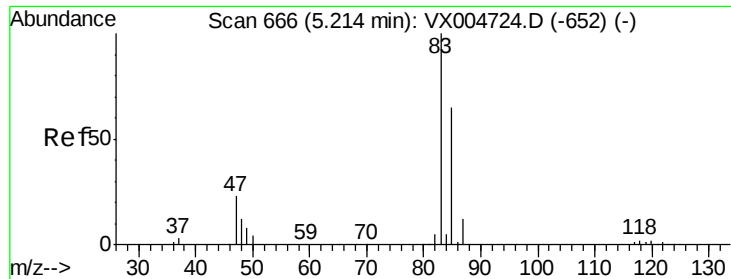


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

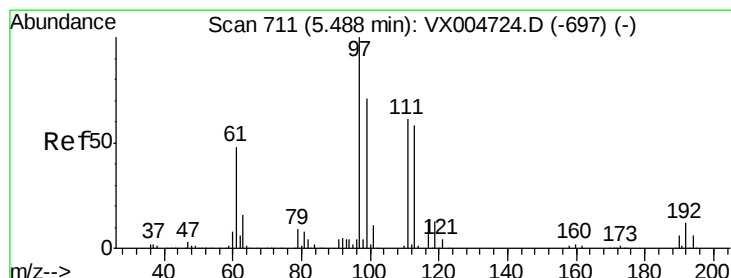
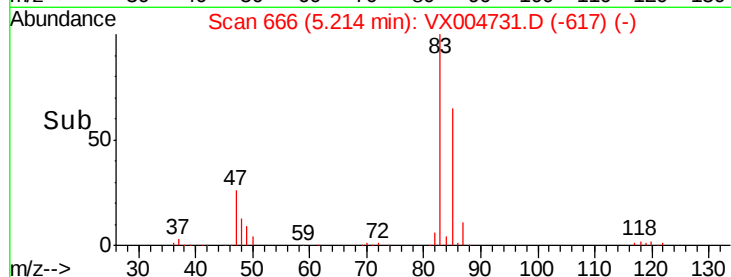
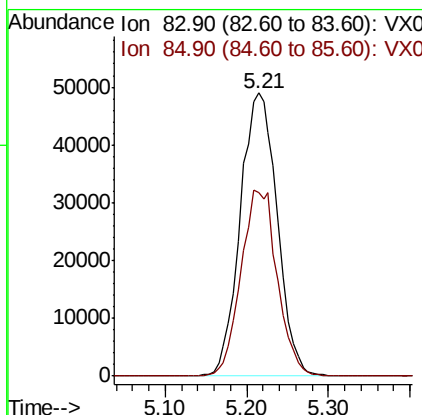
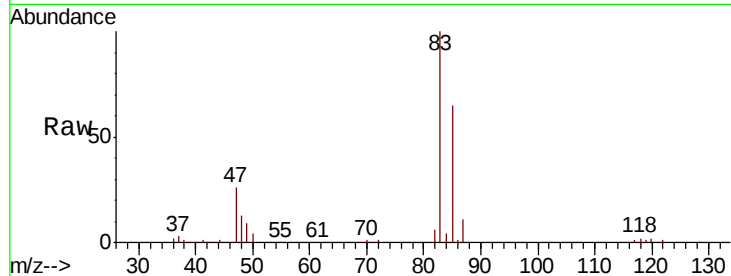




#30
Chloroform
Concen: 26.627 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX004731.D
Acq: 26 Sep 2018 17:28

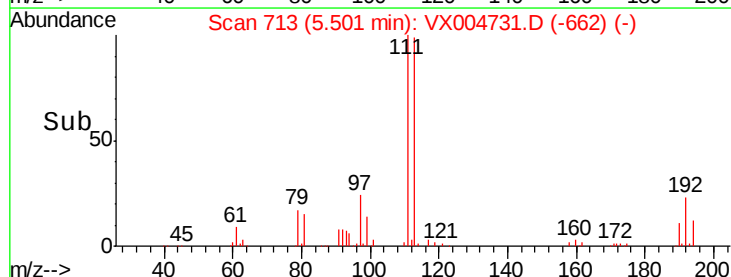
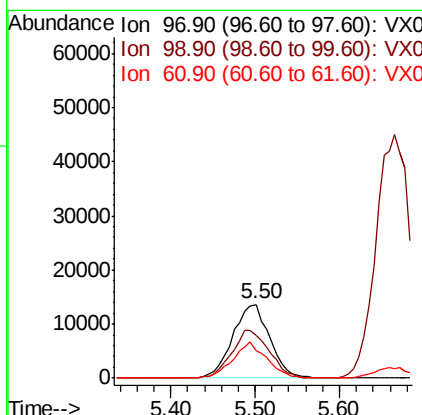
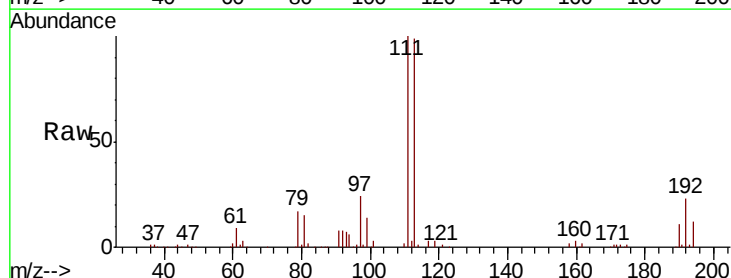
Instrument :
MSVOA_X
ClientSampled :
PT-VOA-WPDL

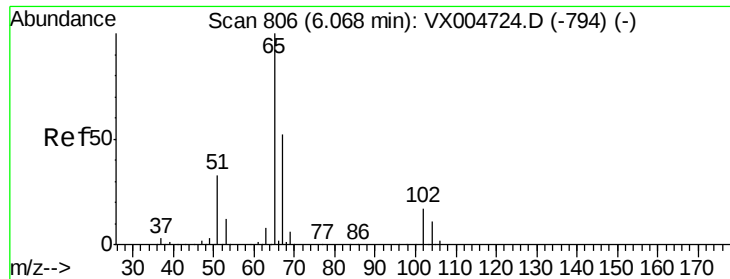
Tot Ion: 83 Resp: 153953
Ion Ratio Lower Upper
83 100
85 64.7 52.6 79.0



#32
1,1,1-Trichloroethane
Concen: 8.603 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX004731.D
Acq: 26 Sep 2018 17:28

Tgt Ion: 97 Resp: 40623
Ion Ratio Lower Upper
97 100
99 66.4 52.0 78.0
61 44.3 34.9 52.3





#33

1,2-Dichloroethane-d4

Concen: 58.420 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX004731.D

Acq: 26 Sep 2018 17:28

Instrument :

MSVOA_X

ClientSampled :

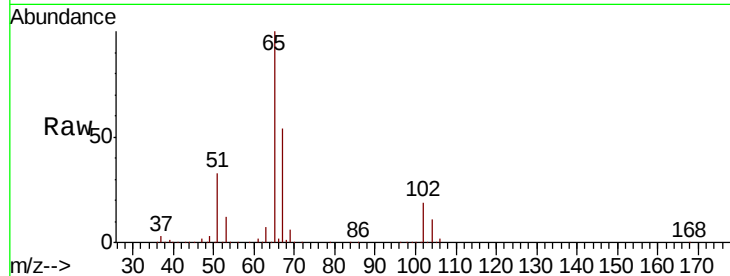
PT-VOA-WPDL

Tot Ion: 65 Resp: 214985

Ion Ratio Lower Upper

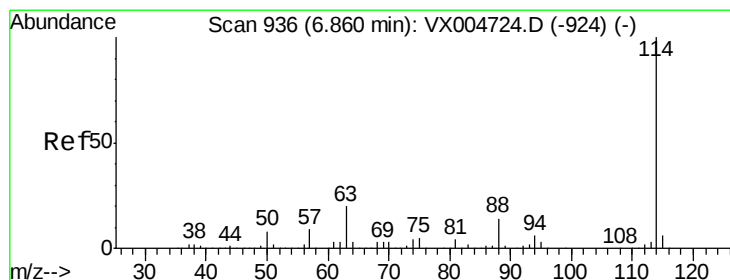
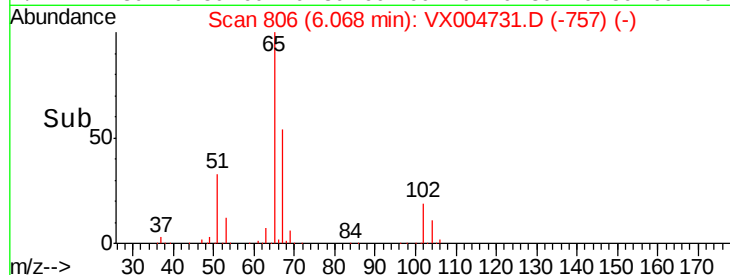
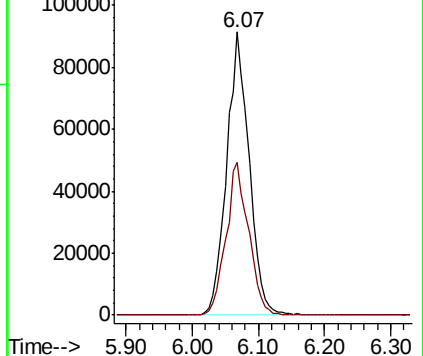
65 100

67 54.3 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX004731.D

Acq: 26 Sep 2018 17:28

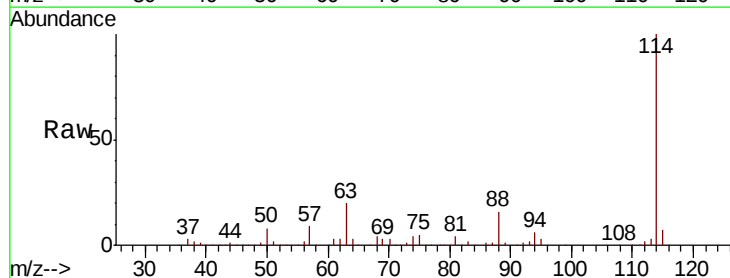
Tgt Ion: 114 Resp: 374436

Ion Ratio Lower Upper

114 100

63 20.5 0.0 39.0

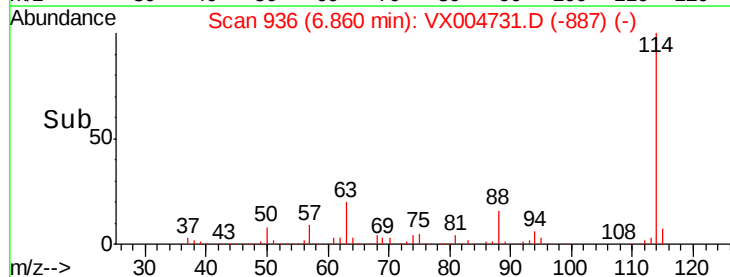
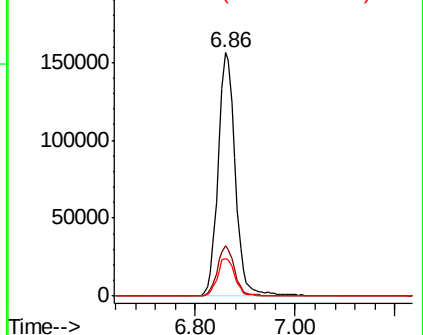
88 15.6 0.0 30.4

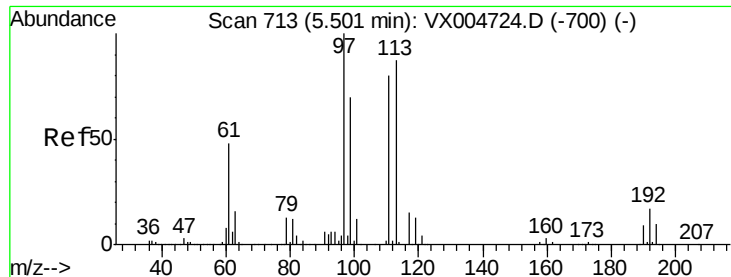


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

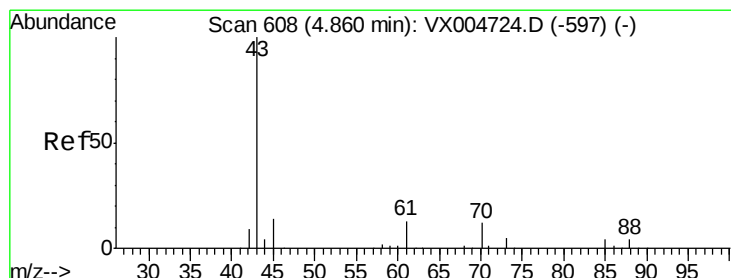
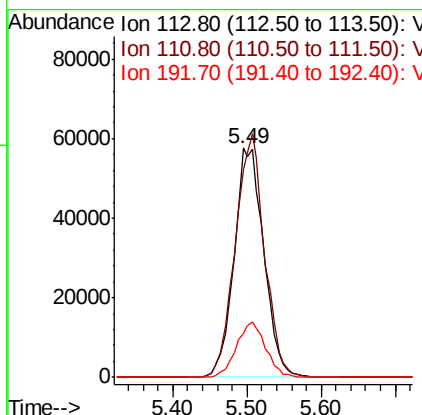
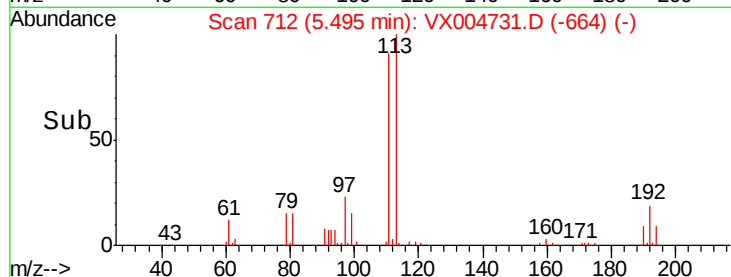
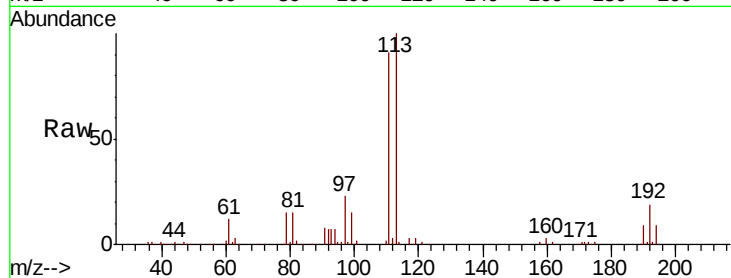




#35
Dibromofluoromethane
Concen: 50.915 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX004731.D
Acq: 26 Sep 2018 17:28

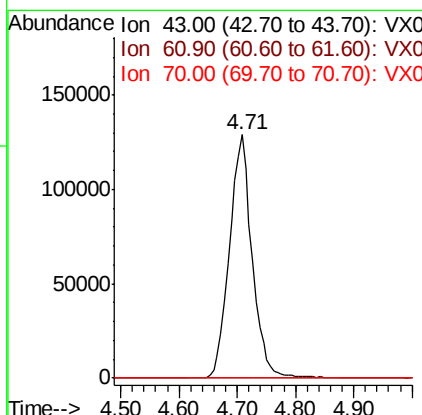
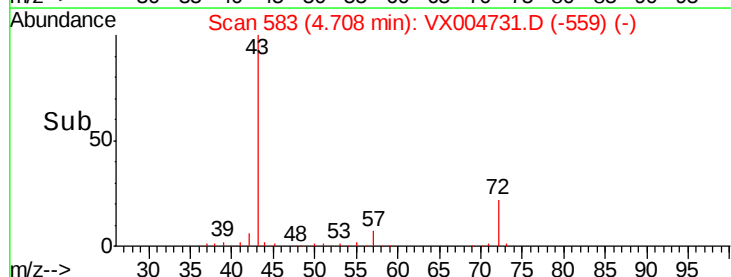
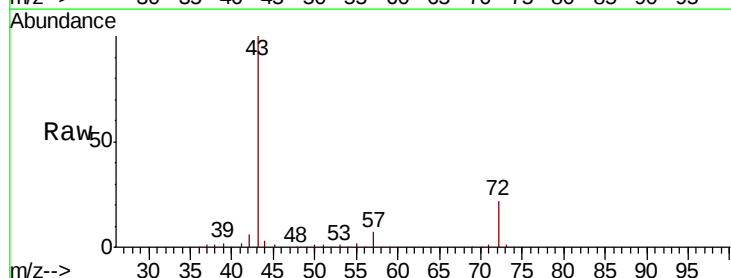
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WPDL

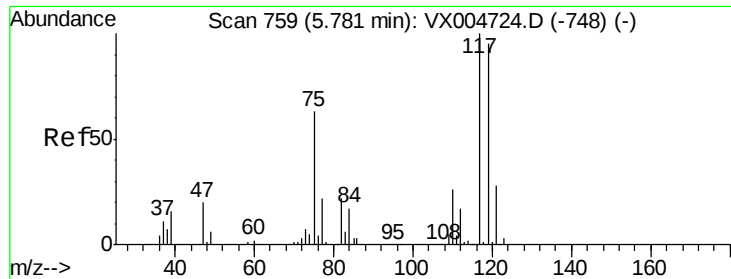
Tot Ion:113 Resp: 161575
Ion Ratio Lower Upper
113 100
111 104.2 82.4 123.6
192 23.7 19.4 29.2



#37
Ethyl Acetate
Concen: 60.894 ug/l
RT: 4.71 min Scan# 583
Delta R.T. -0.15 min
Lab File: VX004731.D
Acq: 26 Sep 2018 17:28

Tgt Ion: 43 Resp: 349974
Ion Ratio Lower Upper
43 100
61 0.0 11.5 17.3#
70 0.5 9.0 13.6#

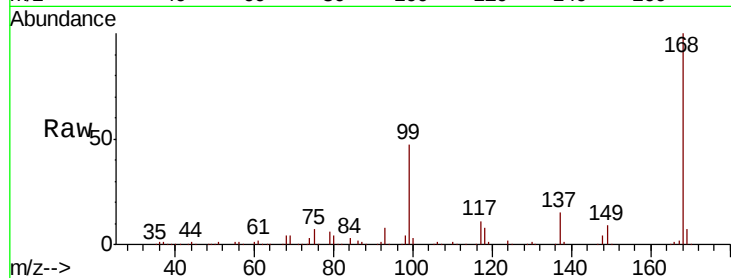




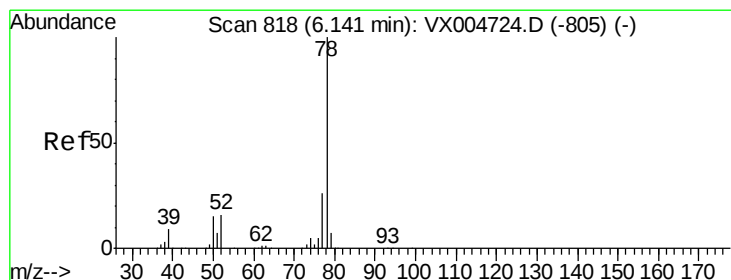
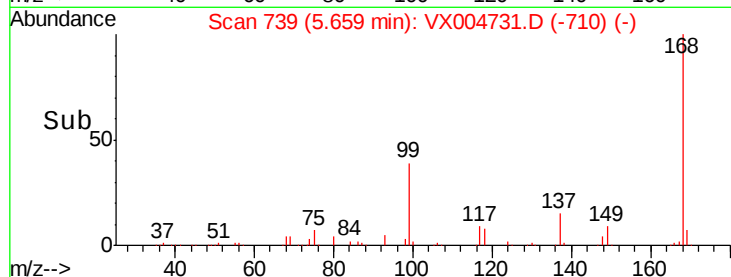
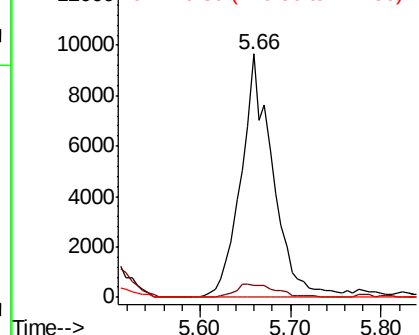
#38
Carbon Tetrachloride
Concen: 5.149 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX004731.D
Acq: 26 Sep 2018 17:28

Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WPDL

Tot Ion:117 Resp: 23435
Ion Ratio Lower Upper
117 100
119 4.9 78.8 118.2#
121 0.0 24.9 37.3#

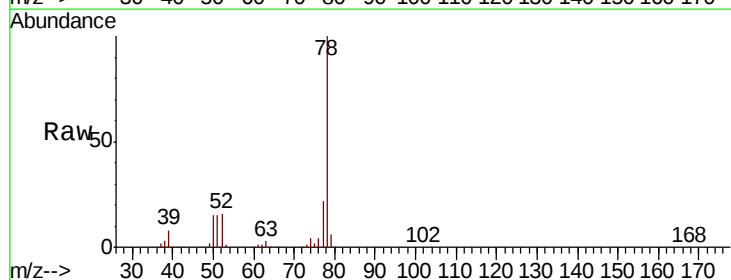


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

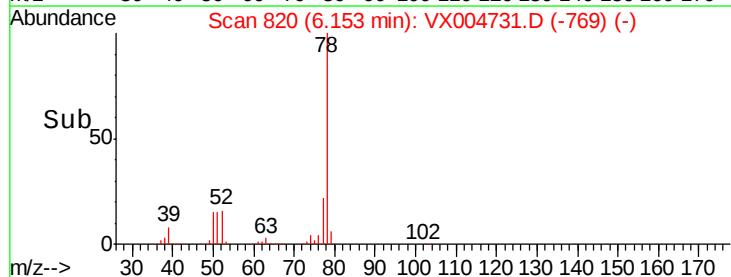
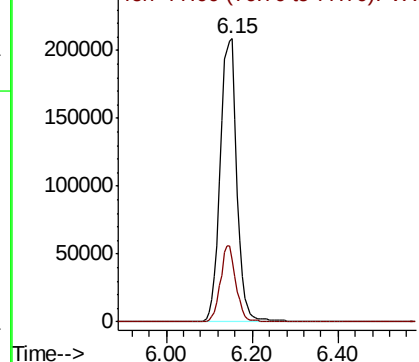


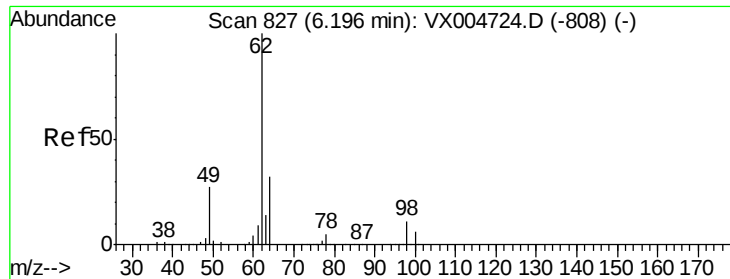
#40
Benzene
Concen: 42.690 ug/l
RT: 6.15 min Scan# 820
Delta R.T. 0.01 min
Lab File: VX004731.D
Acq: 26 Sep 2018 17:28

Tgt Ion: 78 Resp: 578653
Ion Ratio Lower Upper
78 100
77 22.1 19.0 28.4



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





#42

1,2-Dichloroethane

Concen: 1.080 ug/l

RT: 6.15 min Scan# 819

Delta R.T. -0.05 min

Lab File: VX004731.D

Acq: 26 Sep 2018 17:28

Instrument :

MSVOA_X

ClientSampleId :

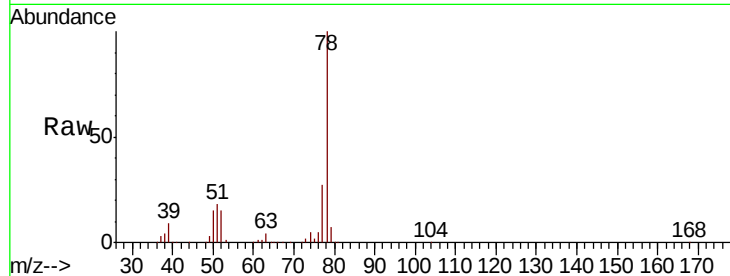
PT-VOA-WPDL

Tot Ion: 62 Resp: 5176

Ion Ratio Lower Upper

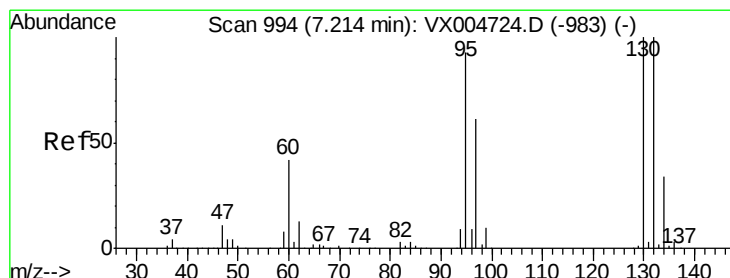
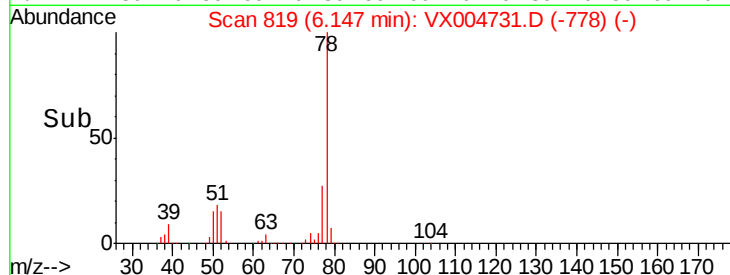
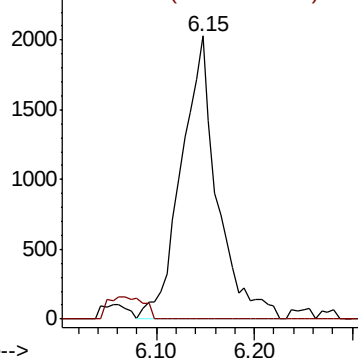
62 100

98 0.0 0.0 20.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#44

Trichloroethene

Concen: 35.230 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX004731.D

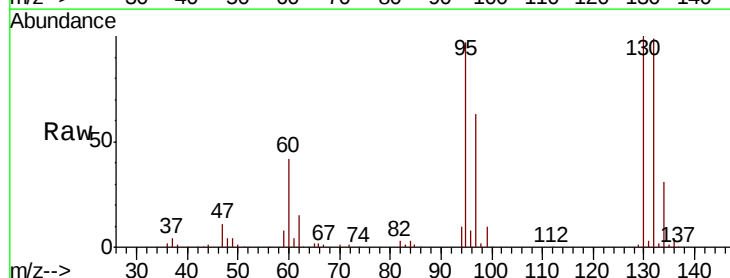
Acq: 26 Sep 2018 17:28

Tgt Ion:130 Resp: 117393

Ion Ratio Lower Upper

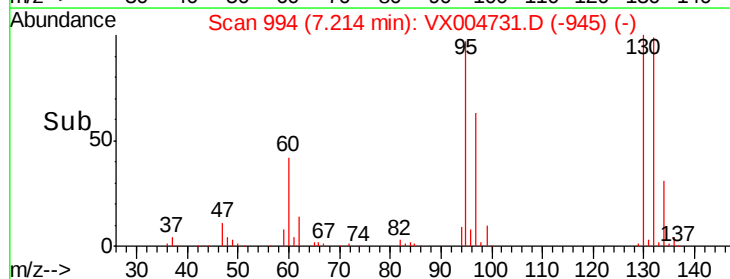
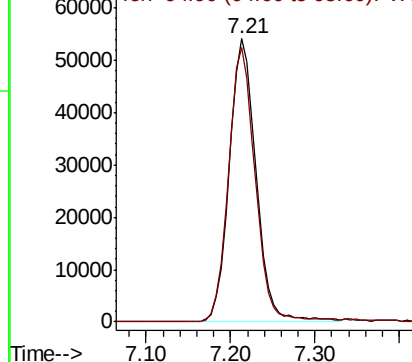
130 100

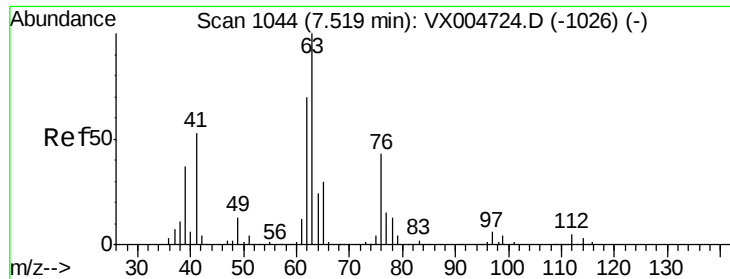
95 97.0 0.0 181.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

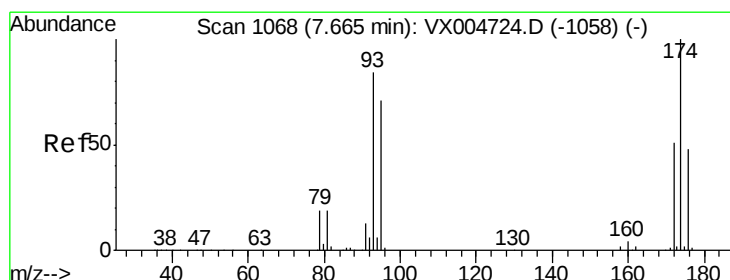
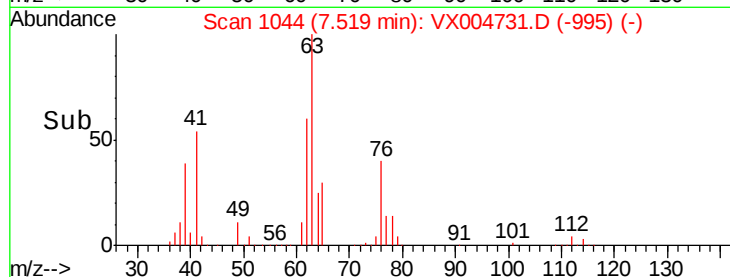
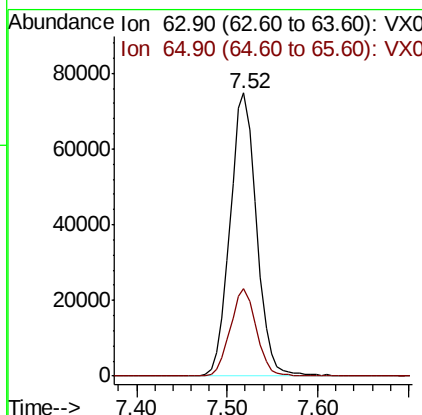
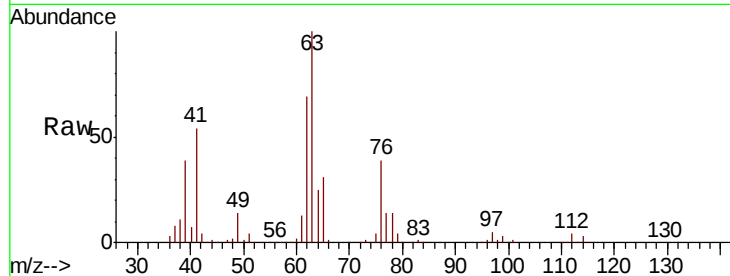




#45
 1,2-Dichloropropane
 Concen: 45.788 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VX004731.D
 Acq: 26 Sep 2018 17:28

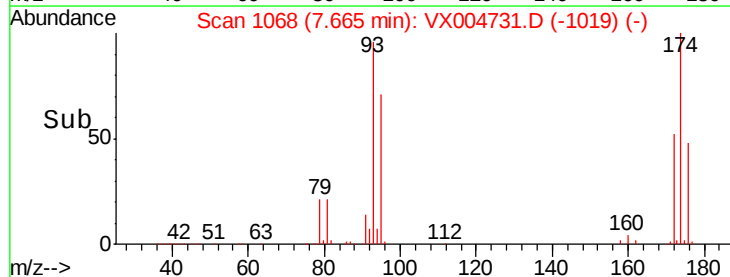
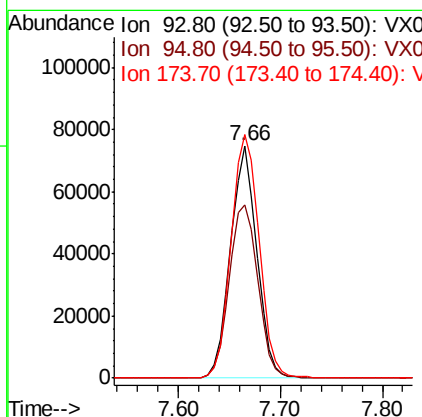
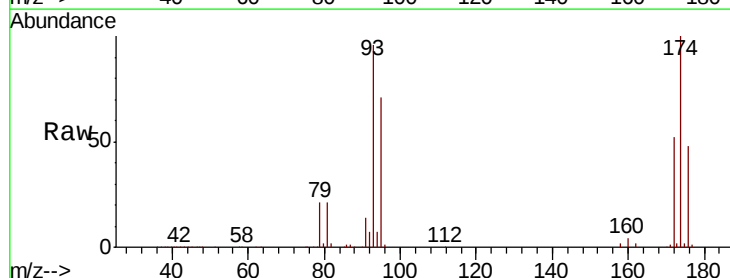
Instrument :
 MSVOA_X
 ClientSampleId :
 PT-VOA-WPDL

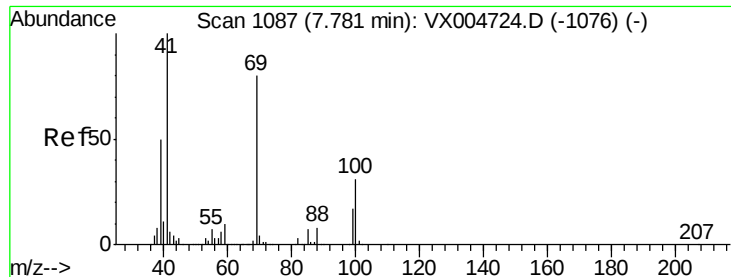
Tot Ion: 63 Resp: 152205
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.3 36.5



#46
 Dibromomethane
 Concen: 63.949 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: VX004731.D
 Acq: 26 Sep 2018 17:28

Tgt Ion: 93 Resp: 133593
 Ion Ratio Lower Upper
 93 100
 95 81.5 65.5 98.3
 174 111.5 94.2 141.4

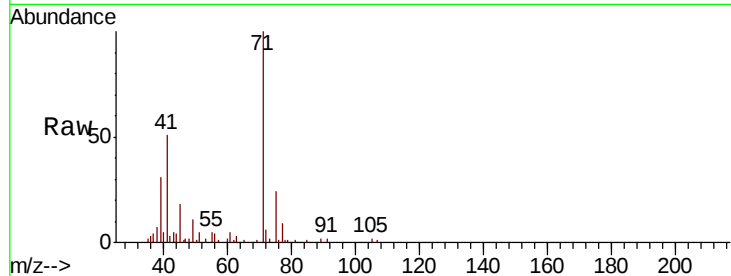




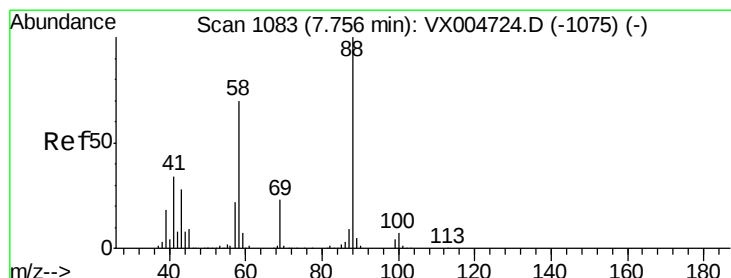
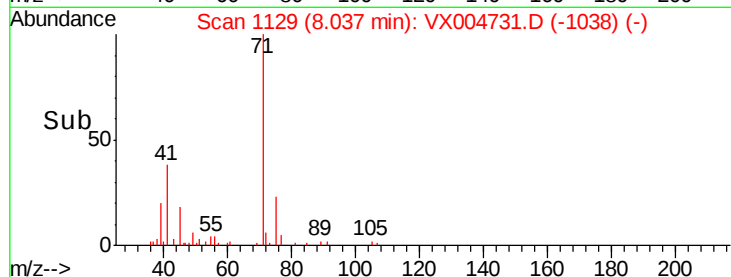
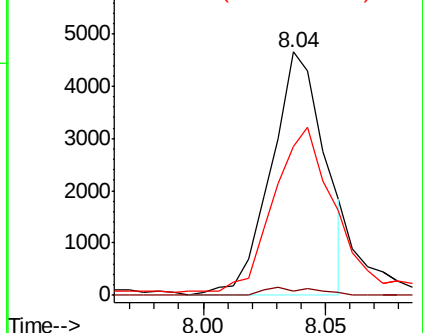
#48
Methyl methacrylate
Concen: 1.894 ug/l
RT: 8.04 min Scan# 1129
Delta R.T. 0.26 min
Lab File: VX004731.D
Acq: 26 Sep 2018 17:28

Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WPDL

Tot Ion: 41 Resp: 7131
Ion Ratio Lower Upper
41 100
69 3.2 70.2 105.4#
39 68.3 42.7 64.1#

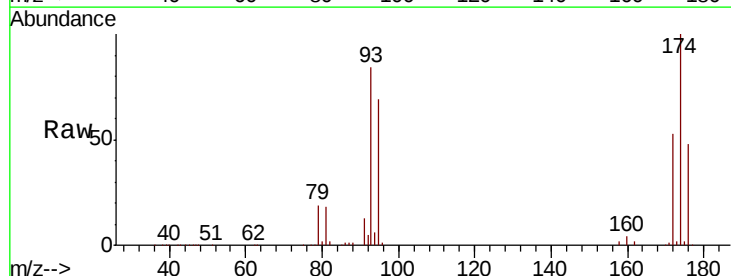


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

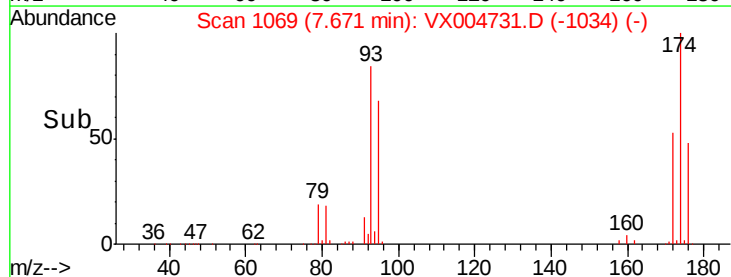
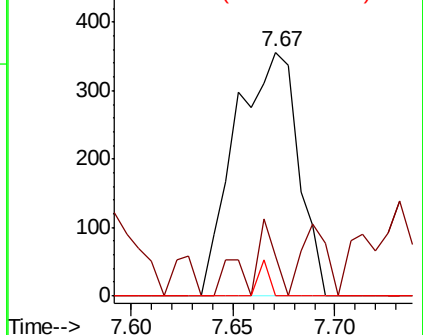


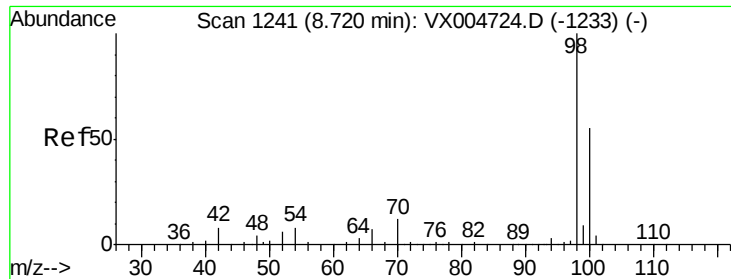
#49
1,4-Dioxane
Concen: 8.178 ug/l
RT: 7.67 min Scan# 1069
Delta R.T. -0.09 min
Lab File: VX004731.D
Acq: 26 Sep 2018 17:28

Tgt Ion: 88 Resp: 765
Ion Ratio Lower Upper
88 100
43 13.2 24.7 37.1#
58 2.5 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

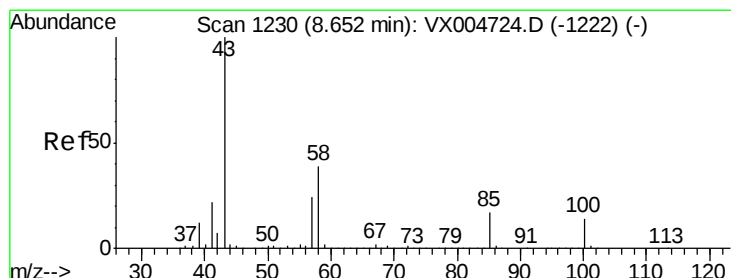
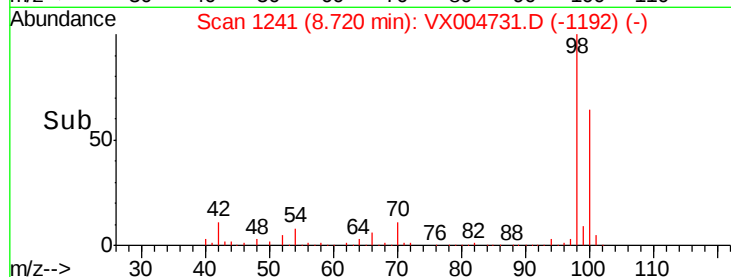
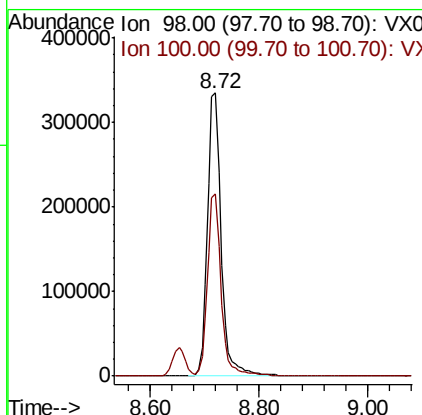
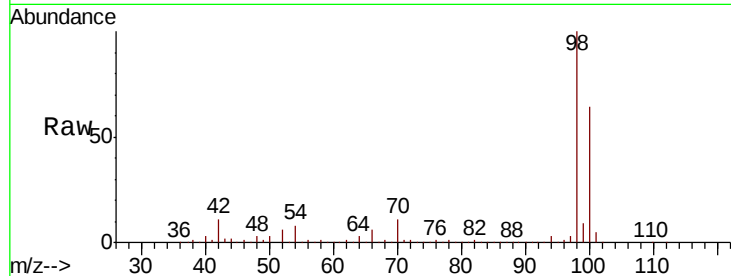




#50
Toluene-d8
Concen: 55.414 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX004731.D
Acq: 26 Sep 2018 17:28

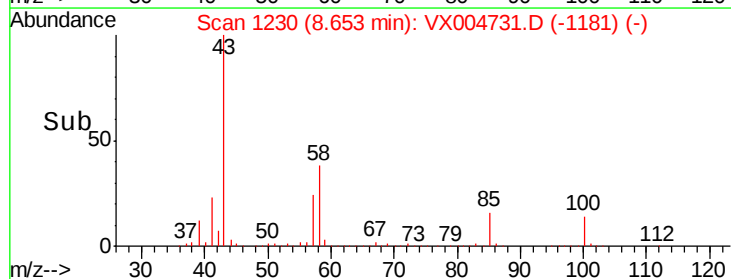
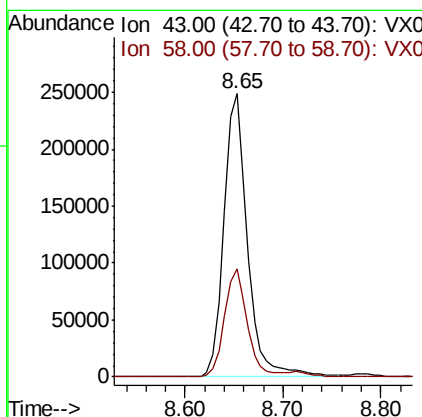
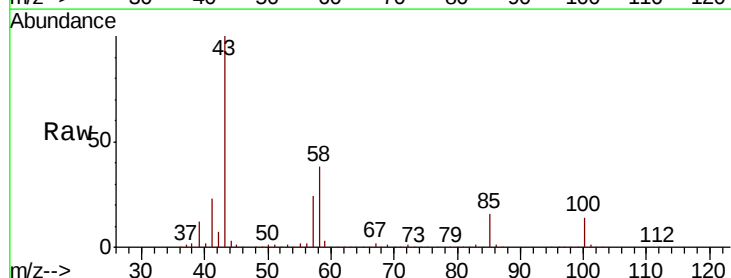
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WPDL

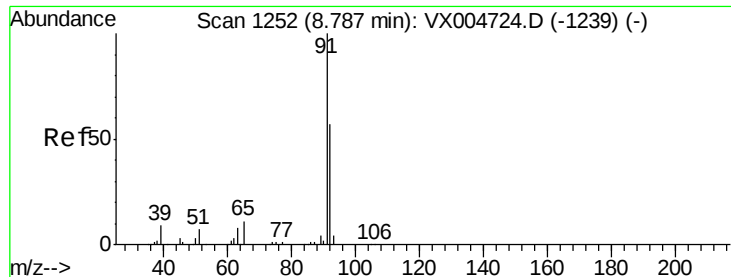
Tot Ion: 98 Resp: 584612
Ion Ratio Lower Upper
98 100
100 63.9 52.9 79.3



#51
4-Methyl-2-Pentanone
Concen: 79.632 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VX004731.D
Acq: 26 Sep 2018 17:28

Tgt Ion: 43 Resp: 415926
Ion Ratio Lower Upper
43 100
58 36.7 33.1 49.7





#52

Toluene

Concen: 27.401 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX004731.D

Acq: 26 Sep 2018 17:28

Instrument :

MSVOA_X

ClientSampleId :

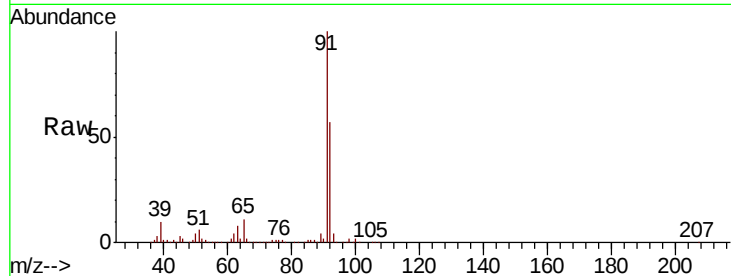
PT-VOA-WPDL

Tot Ion: 92 Resp: 204088

Ion Ratio Lower Upper

92 100

91 173.2 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

250000

200000

150000

100000

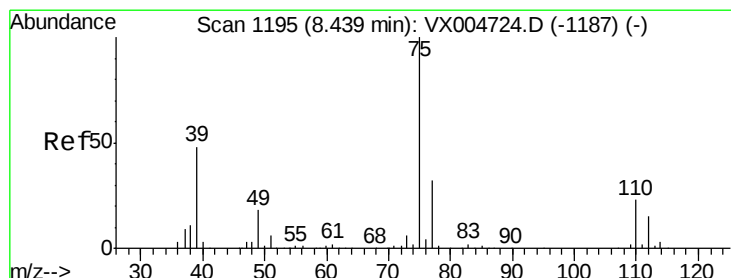
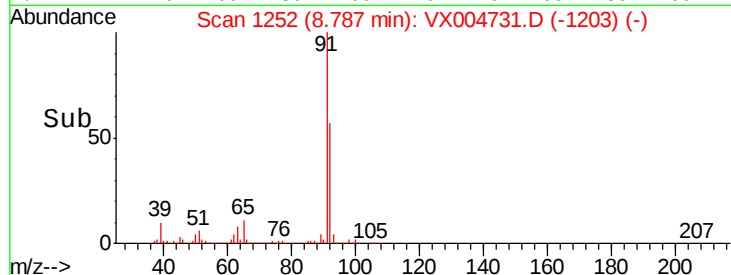
50000

0

8.79

8.70 8.80 8.90 9.00

Time-->



#54

cis-1,3-Dichloropropene

Concen: 56.428 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. 0.00 min

Lab File: VX004731.D

Acq: 26 Sep 2018 17:28

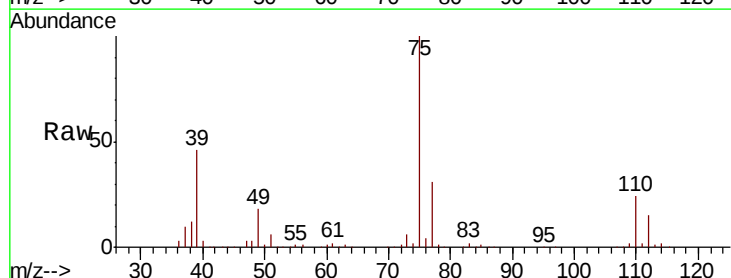
Tgt Ion: 75 Resp: 261235

Ion Ratio Lower Upper

75 100

77 31.2 26.2 39.2

39 46.3 36.4 54.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

200000

150000

100000

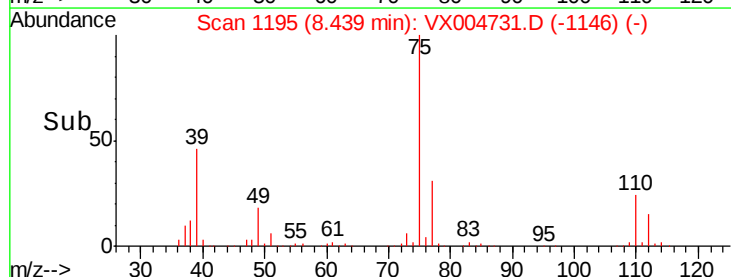
50000

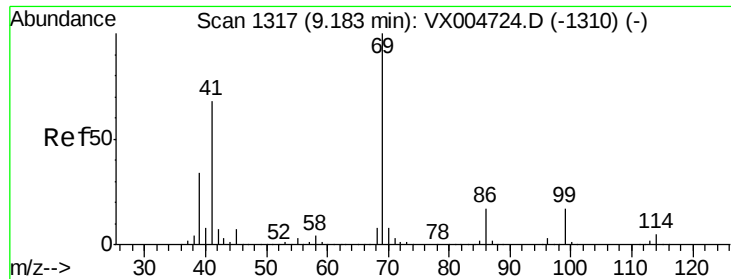
0

8.44

8.40 8.50

Time-->





#56

Ethyl methacrylate

Concen: 2.866 ug/l

RT: 9.19 min Scan# 1318

Delta R.T. 0.01 min

Lab File: VX004731.D

Acq: 26 Sep 2018 17:28

Instrument :

MSVOA_X

ClientSampled :

PT-VOA-WPDL

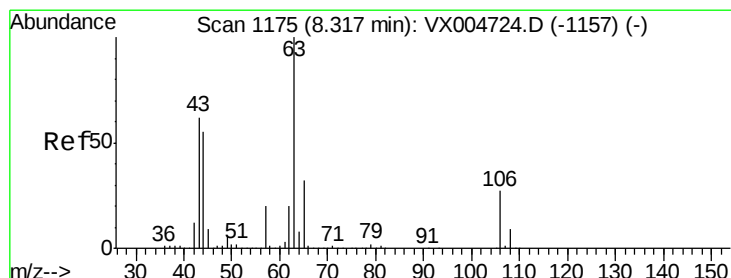
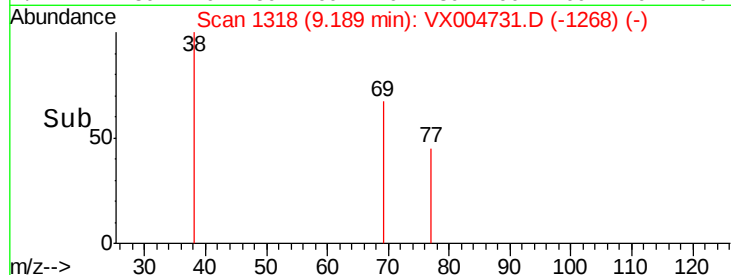
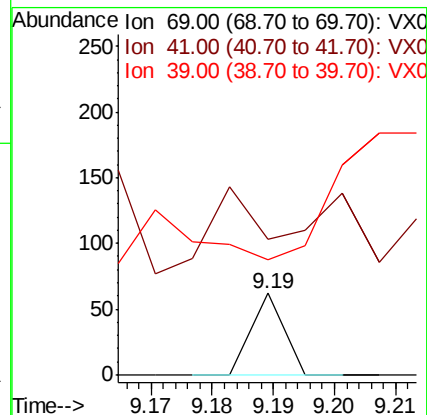
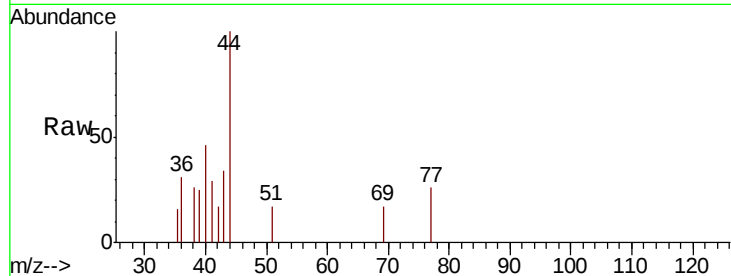
Tot Ion: 69 Resp: 23

Ion Ratio Lower Upper

69 100

41 0.0 51.0 76.4#

39 0.0 26.1 39.1#



#58

2-Chloroethyl Vinyl ether

Concen: 14.547 ug/l

RT: 8.28 min Scan# 1169

Delta R.T. -0.04 min

Lab File: VX004731.D

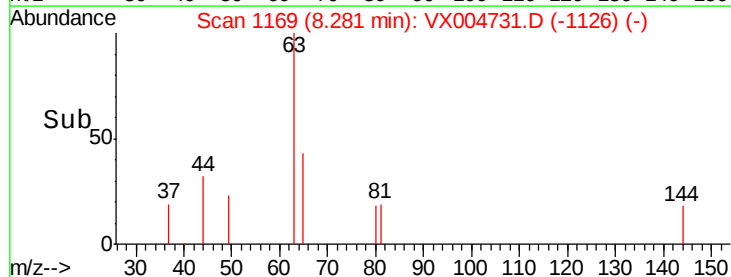
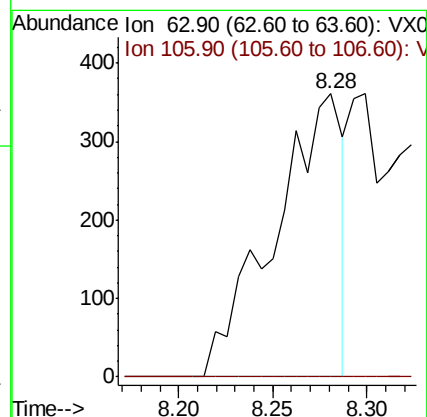
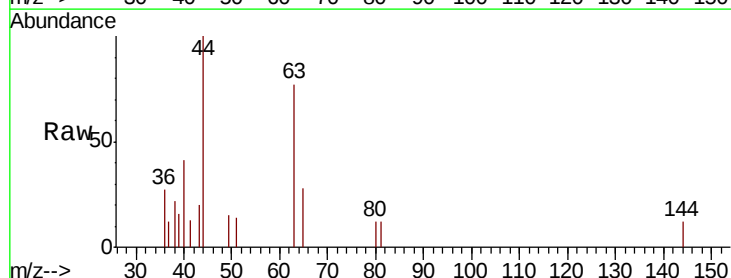
Acq: 26 Sep 2018 17:28

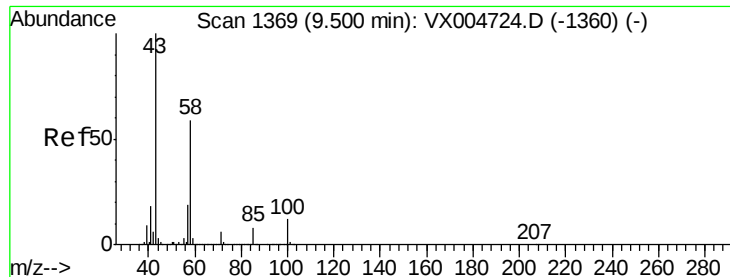
Tgt Ion: 63 Resp: 908

Ion Ratio Lower Upper

63 100

106 0.0 23.9 35.9#

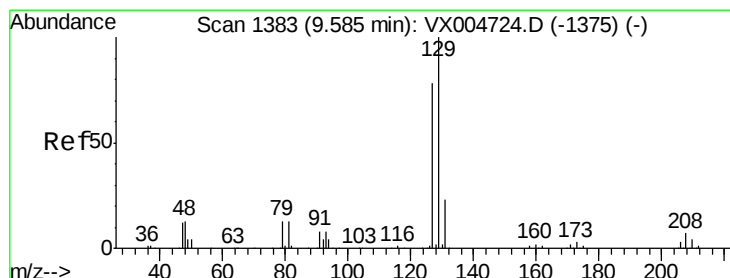
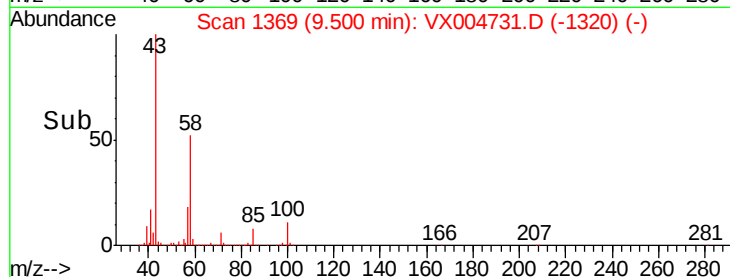
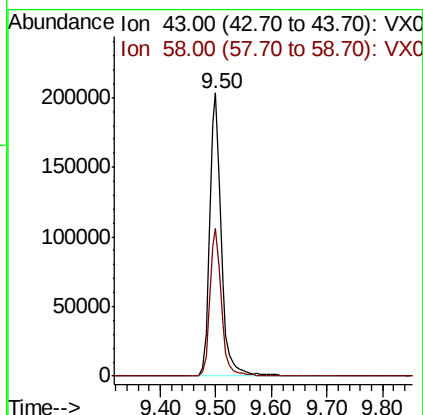
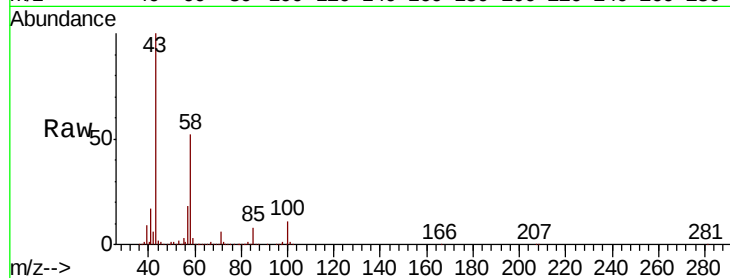




#59
2-Hexanone
Concen: 68.188 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VX004731.D
Acq: 26 Sep 2018 17:28

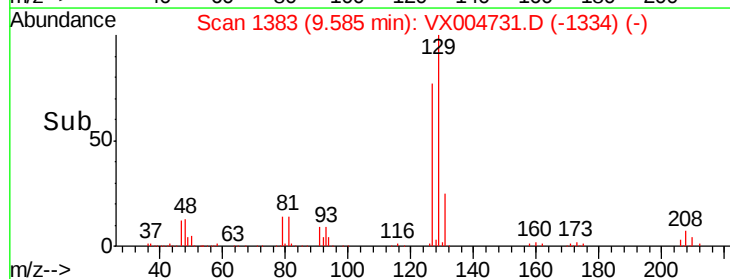
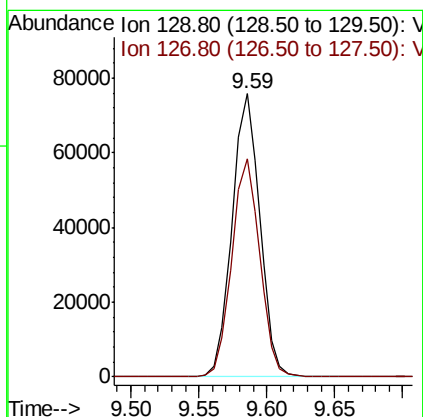
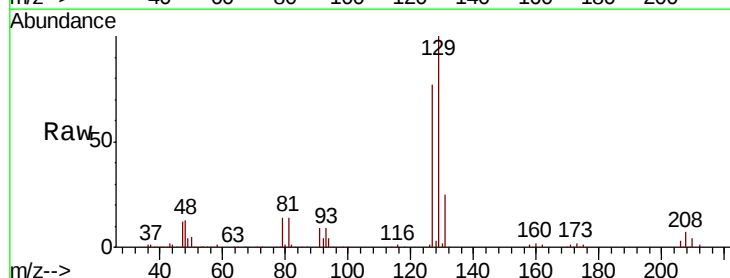
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WPDL

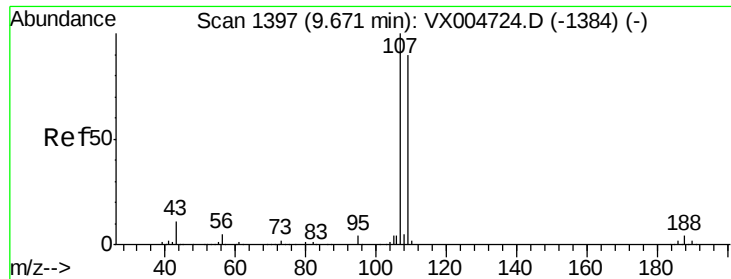
Tot Ion: 43 Resp: 296788
Ion Ratio Lower Upper
43 100
58 52.1 29.0 87.0



#60
Dibromochloromethane
Concen: 33.069 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX004731.D
Acq: 26 Sep 2018 17:28

Tgt Ion: 129 Resp: 107899
Ion Ratio Lower Upper
129 100
127 77.7 38.5 115.5





#61

1,2-Dibromoethane

Concen: 46.082 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VX004731.D

Acq: 26 Sep 2018 17:28

Instrument :

MSVOA_X

ClientSampleId :

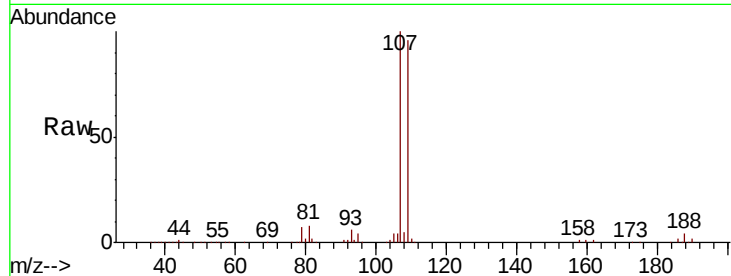
PT-VOA-WPDL

Tot Ion:107 Resp: 161014

Ion Ratio Lower Upper

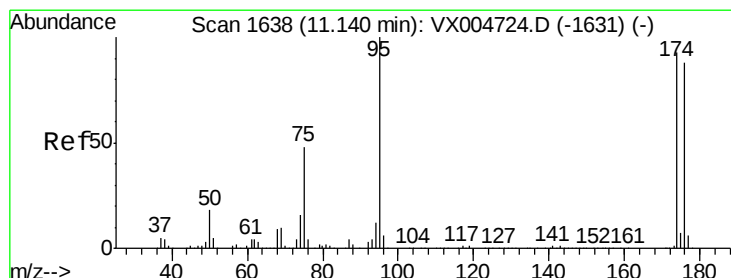
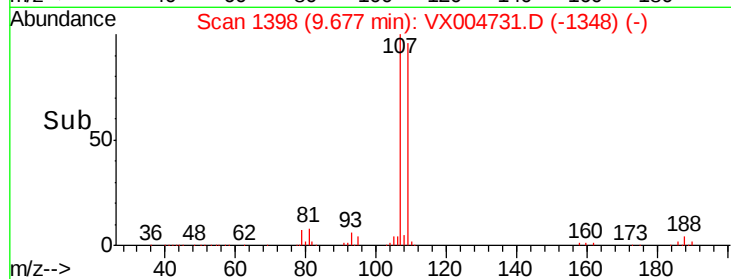
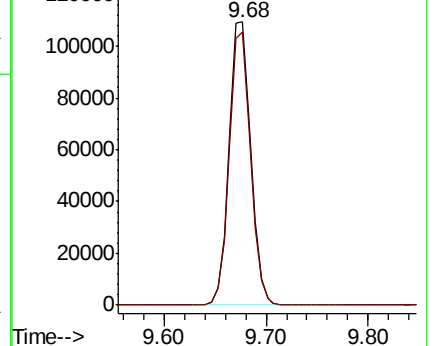
107 100

109 94.8 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: 53.293 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX004731.D

Acq: 26 Sep 2018 17:28

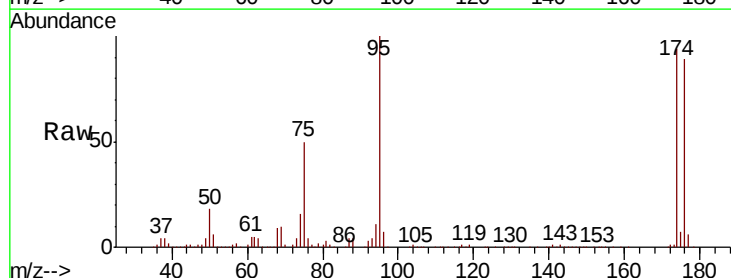
Tgt Ion: 95 Resp: 202548

Ion Ratio Lower Upper

95 100

174 91.8 0.0 185.2

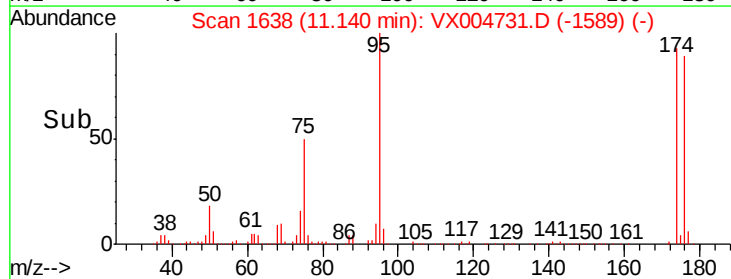
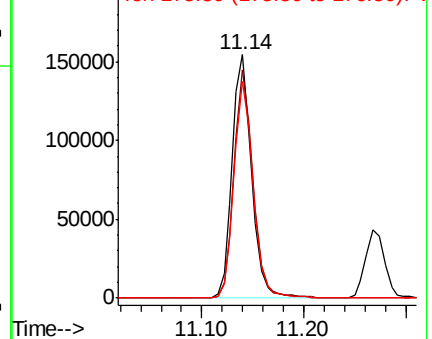
176 88.0 0.0 178.6

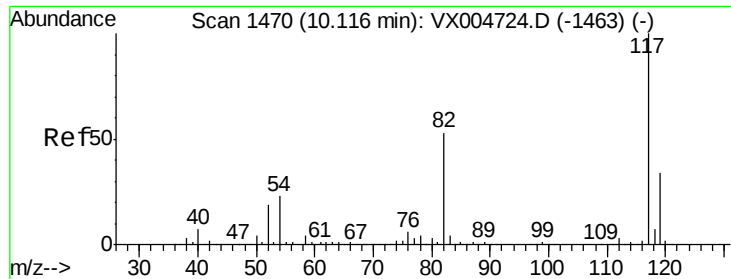


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

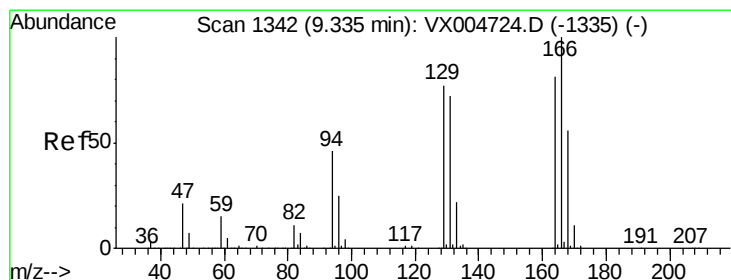
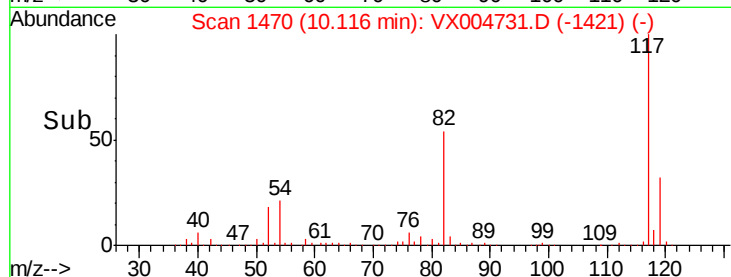
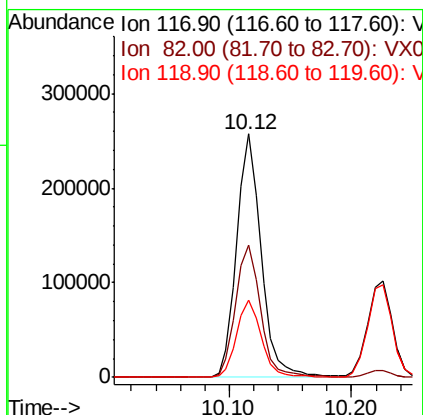
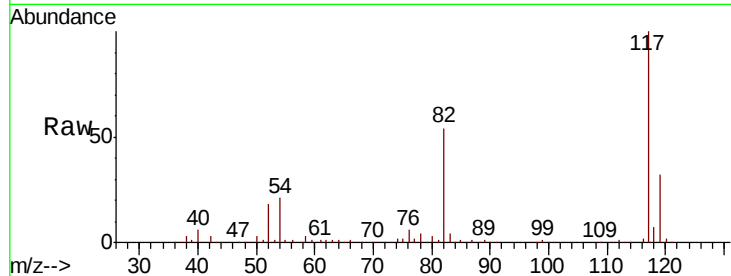




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004731.D
Acq: 26 Sep 2018 17:28

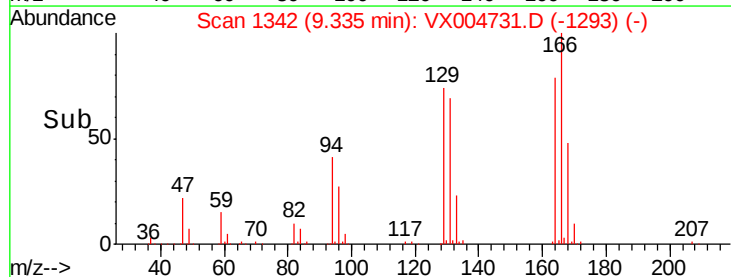
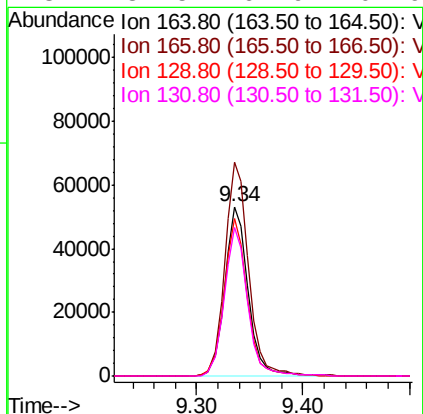
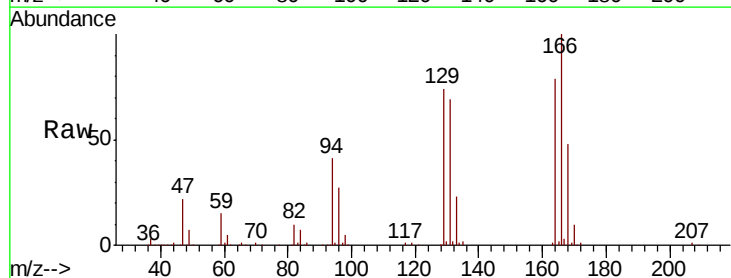
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WPDL

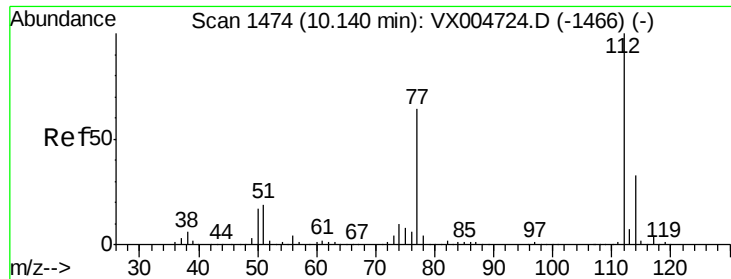
Tot Ion:117 Resp: 356836
Ion Ratio Lower Upper
117 100
82 54.3 47.8 71.6
119 31.8 29.3 43.9



#64
Tetrachloroethene
Concen: 23.167 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX004731.D
Acq: 26 Sep 2018 17:28

Tgt Ion:164 Resp: 81364
Ion Ratio Lower Upper
164 100
166 126.1 102.8 154.2
129 93.1 69.4 104.0
131 87.5 67.9 101.9

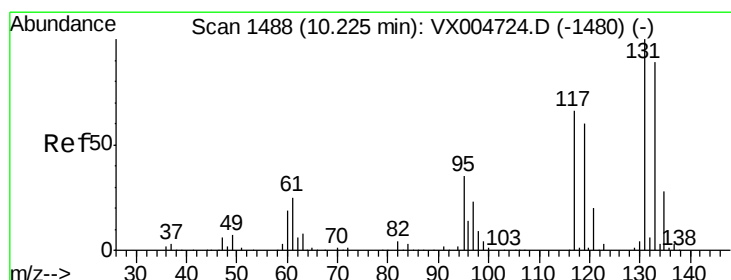
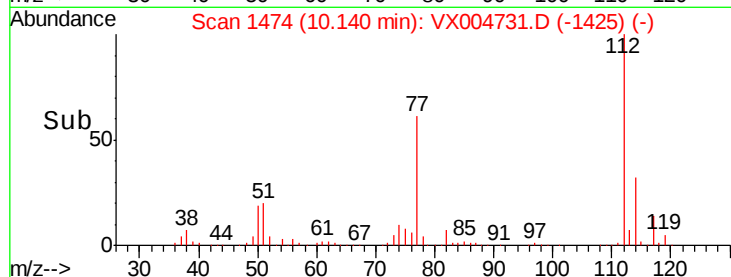
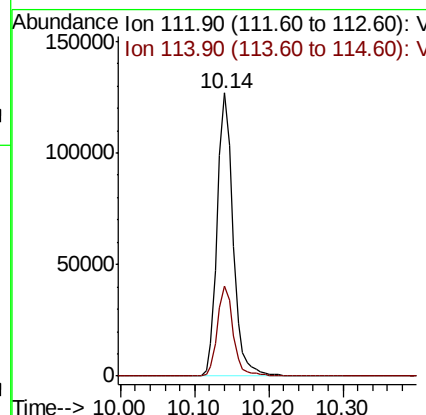
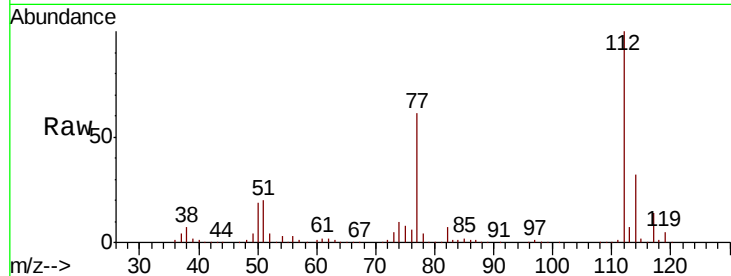




#65
Chlorobenzene
Concen: 20.293 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX004731.D
Acq: 26 Sep 2018 17:28

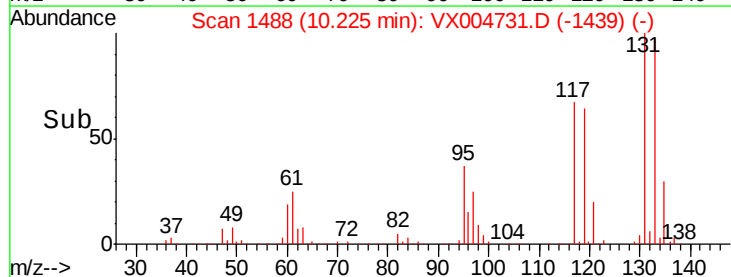
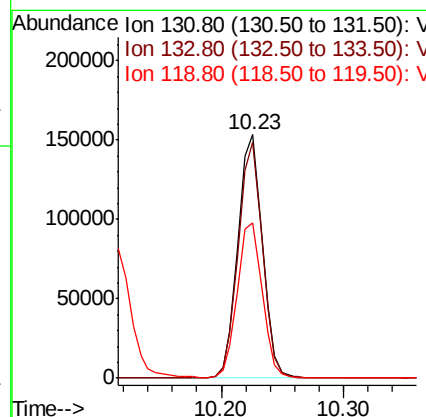
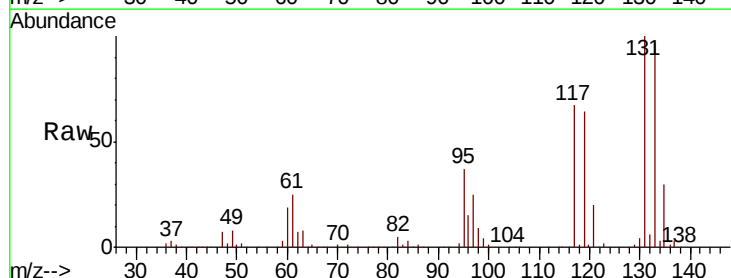
Instrument :
MSVOA_X
ClientSampled :
PT-VOA-WPDL

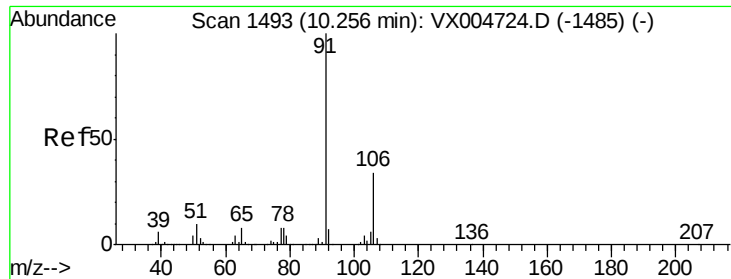
Tot Ion:112 Resp: 185687
Ion Ratio Lower Upper
112 100
114 31.9 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 65.690 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VX004731.D
Acq: 26 Sep 2018 17:28

Tgt Ion:131 Resp: 211315
Ion Ratio Lower Upper
131 100
133 95.7 48.1 144.4
119 65.3 32.9 98.6

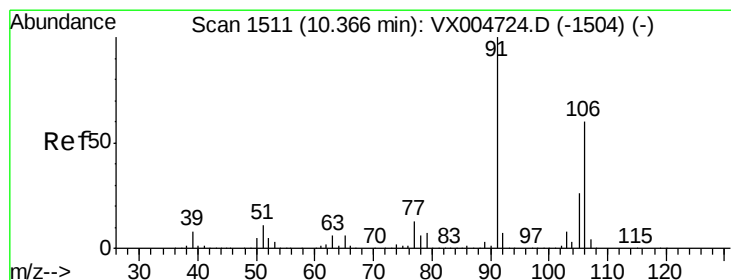
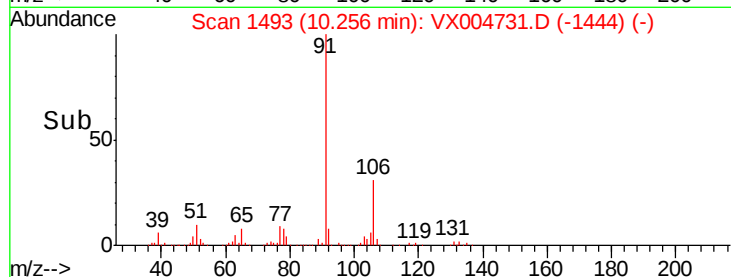
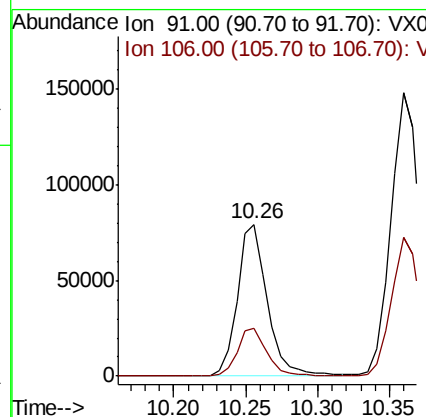
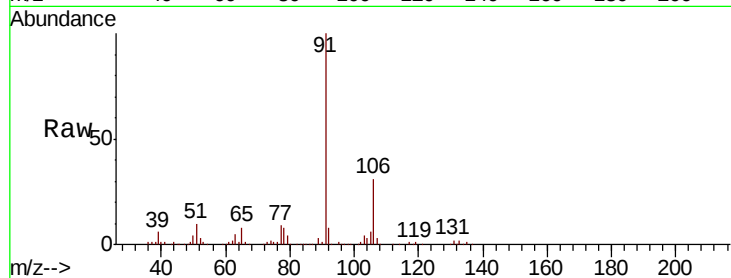




#67
Ethyl Benzene
Concen: 7.946 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VX004731.D
Acq: 26 Sep 2018 17:28

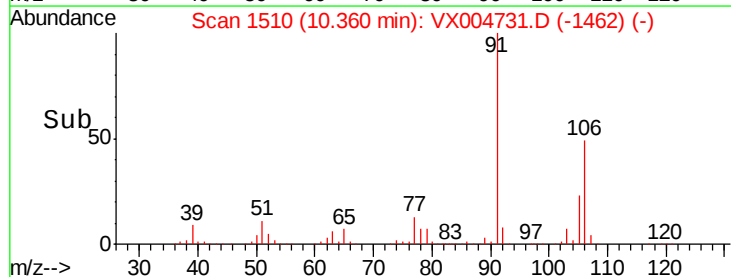
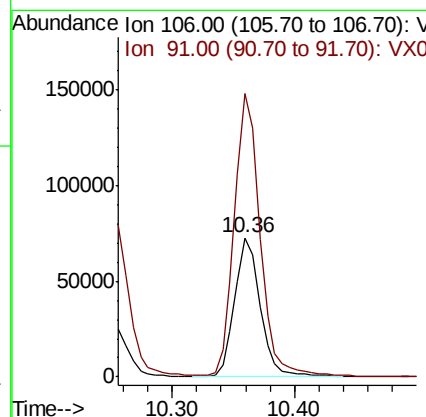
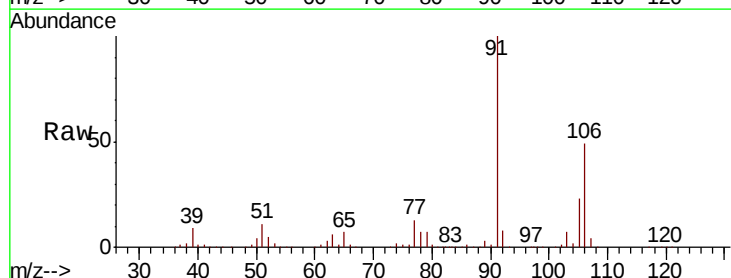
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WPDL

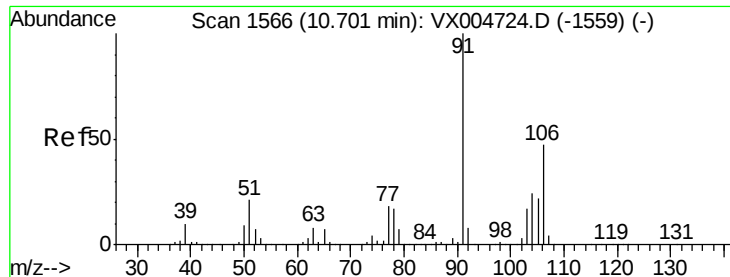
Tot Ion: 91 Resp: 115438
Ion Ratio Lower Upper
91 100
106 31.3 25.9 38.9



#68
m/p-Xylenes
Concen: 18.347 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX004731.D
Acq: 26 Sep 2018 17:28

Tgt Ion: 106 Resp: 104152
Ion Ratio Lower Upper
106 100
91 209.1 157.1 235.7

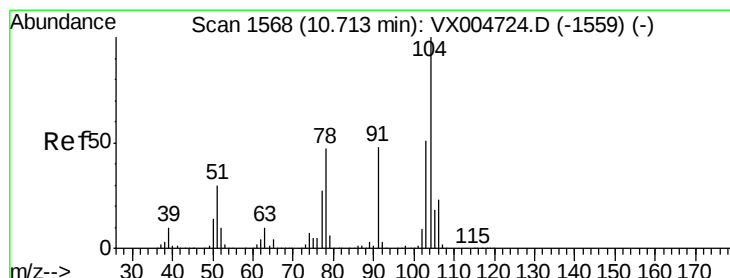
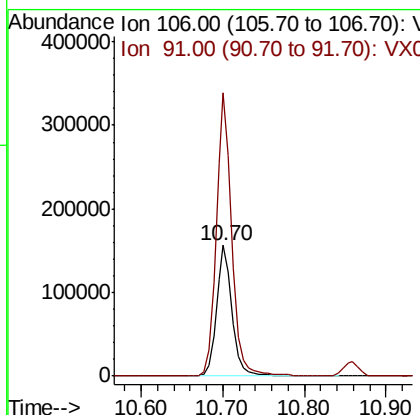
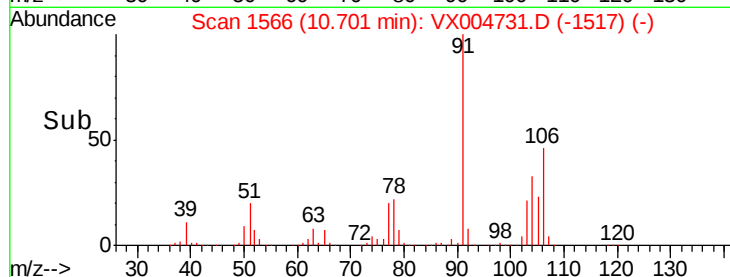
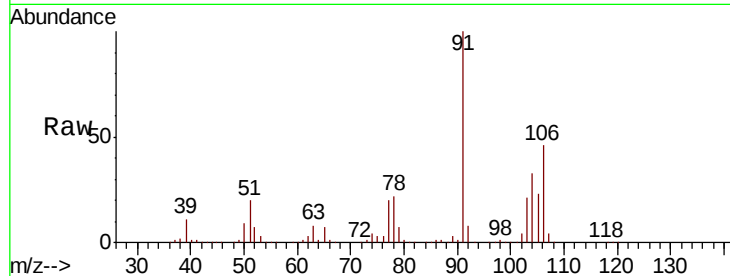




#69
o-Xylene
Concen: 40.333 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX004731.D
Acq: 26 Sep 2018 17:28

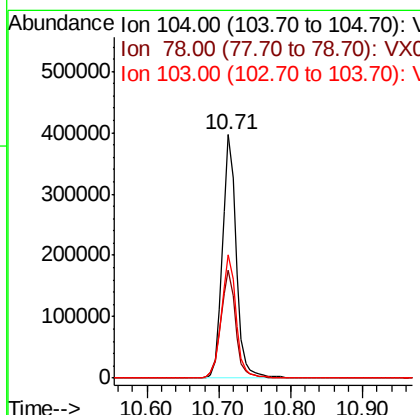
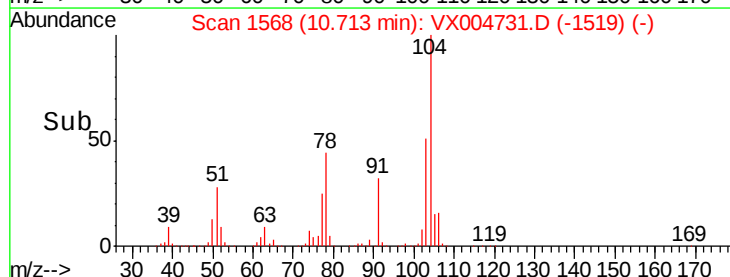
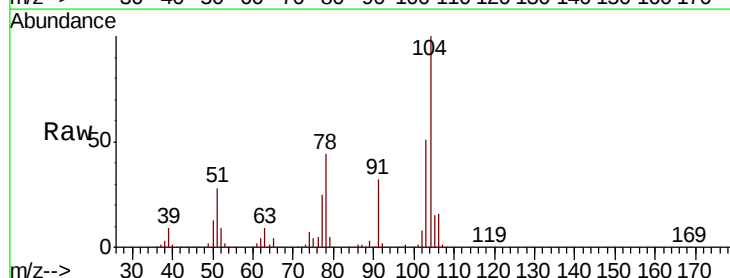
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WPDL

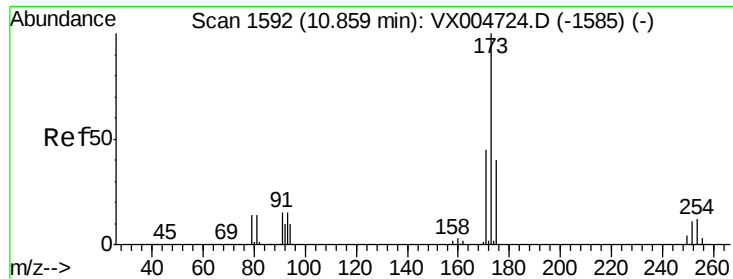
Tot Ion:106 Resp: 210302
Ion Ratio Lower Upper
106 100
91 215.6 105.1 315.1



#70
Styrene
Concen: 54.190 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX004731.D
Acq: 26 Sep 2018 17:28

Tgt Ion:104 Resp: 530290
Ion Ratio Lower Upper
104 100
78 47.3 37.4 56.0
103 53.5 43.8 65.6





#71

Bromoform

Concen: 43.956 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX004731.D

Acq: 26 Sep 2018 17:28

Instrument :

MSVOA_X

ClientSampleId :

PT-VOA-WPDL

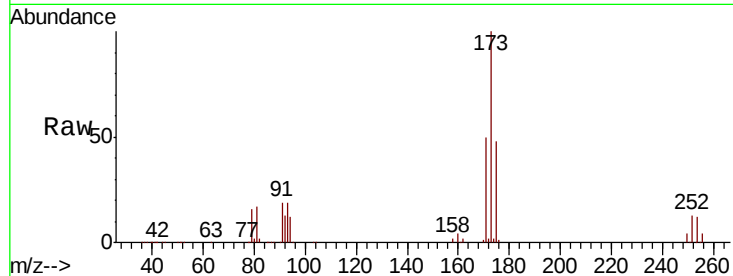
Tot Ion:173 Resp: 121056

Ion Ratio Lower Upper

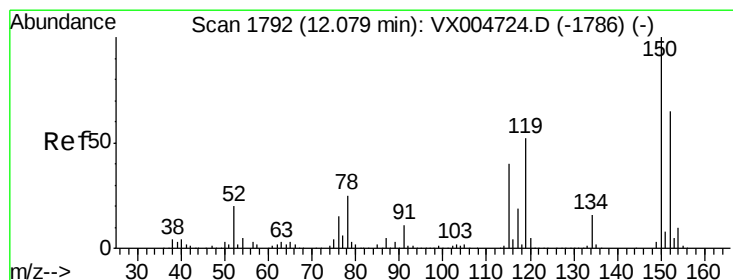
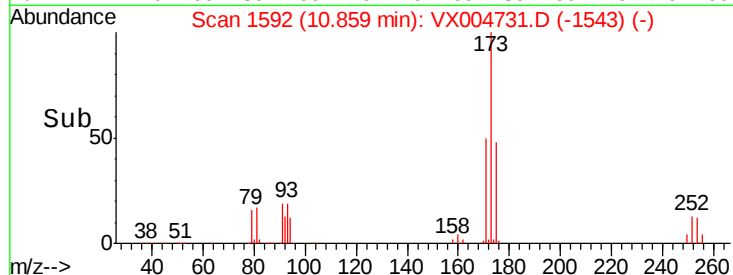
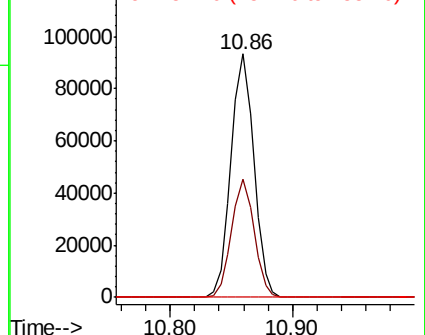
173 100

175 47.9 24.1 72.3

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX004731.D

Acq: 26 Sep 2018 17:28

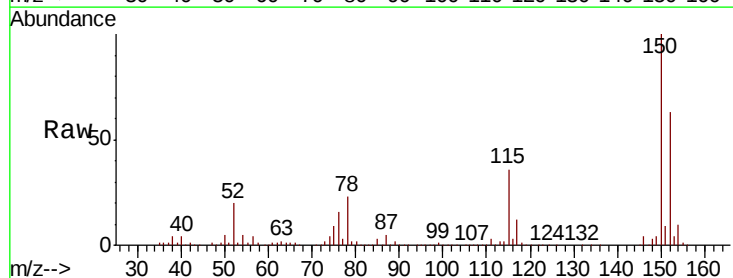
Tgt Ion:152 Resp: 207850

Ion Ratio Lower Upper

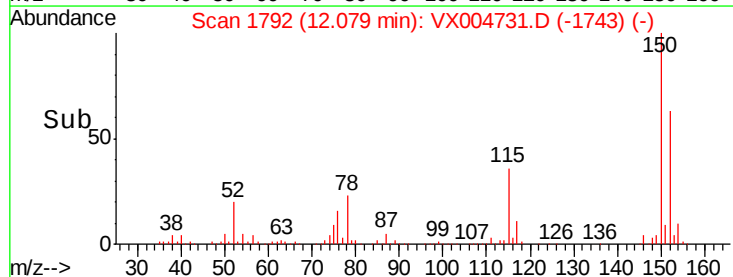
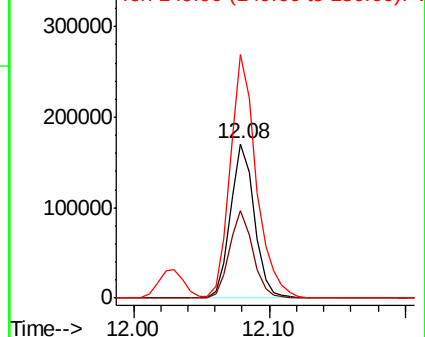
152 100

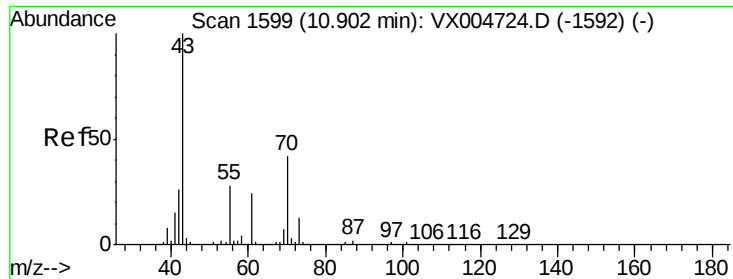
115 55.5 39.0 117.0

150 172.3 0.0 351.0



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





#74

N-amvl acetate

Concen: 1.789 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VX004731.D

Acq: 26 Sep 2018 17:28

Instrument :

MSVOA_X

ClientSampleId :

PT-VOA-WPDL

Tot Ion: 43 Resp: 304

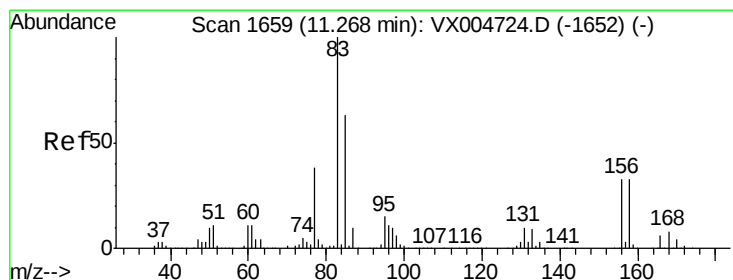
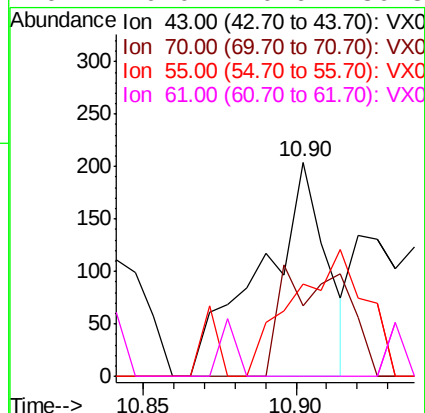
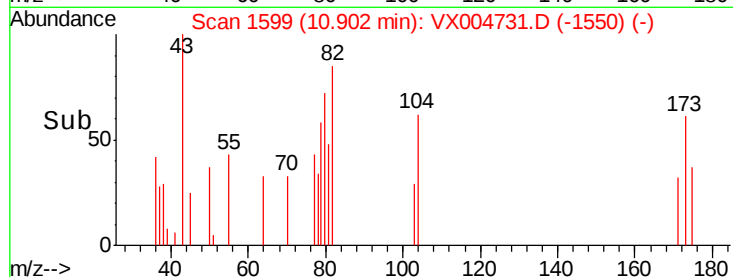
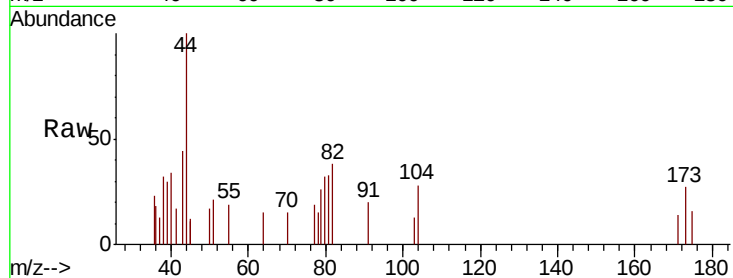
Ion Ratio Lower Upper

43 100

70 50.0 37.4 56.0

55 0.0 21.8 32.8#

61 0.0 20.6 30.8#



#75

1,1,2,2-Tetrachloroethane

Concen: 68.649 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX004731.D

Acq: 26 Sep 2018 17:28

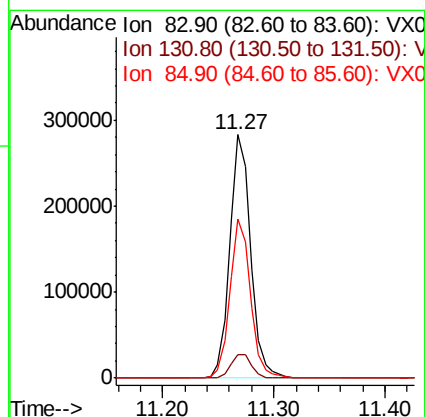
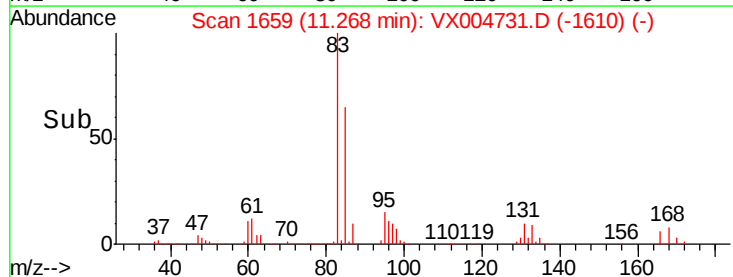
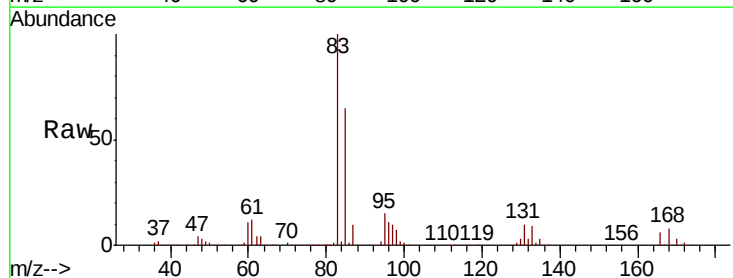
Tgt Ion: 83 Resp: 366107

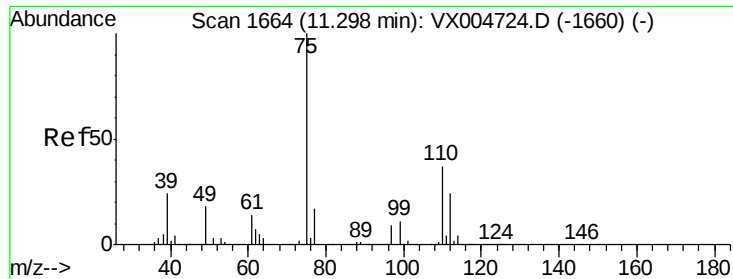
Ion Ratio Lower Upper

83 100

131 9.7 5.2 15.6

85 64.5 32.3 96.8

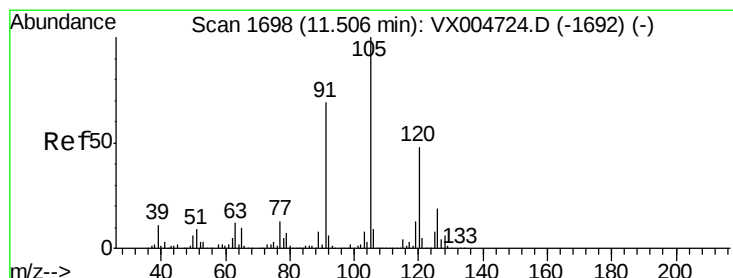
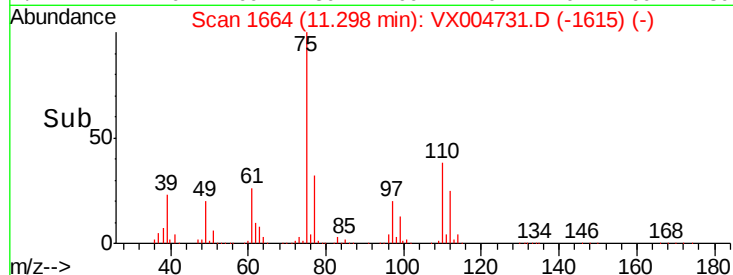
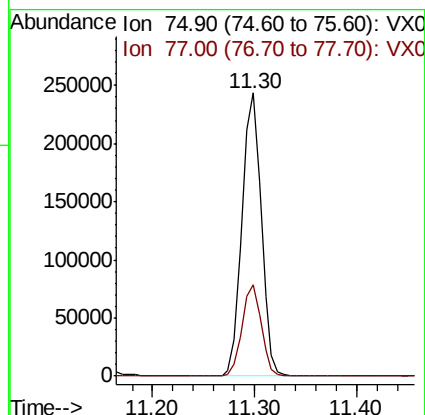
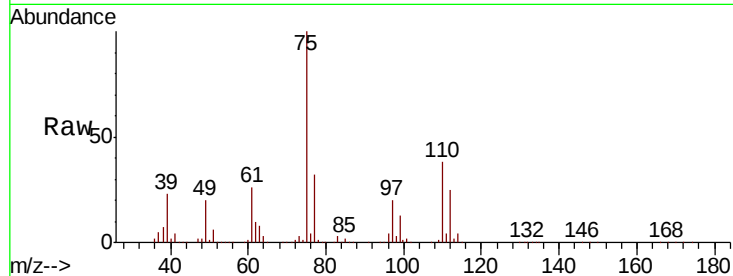




#76
 1,2,3-Trichloropropane
 Concen: 67.876 ug/l
 RT: 11.30 min Scan# 1664
 Delta R.T. 0.00 min
 Lab File: VX004731.D
 Acq: 26 Sep 2018 17:28

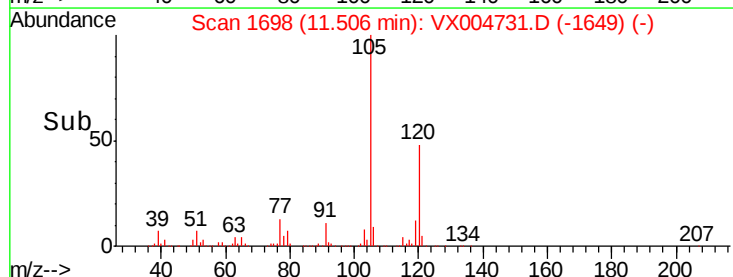
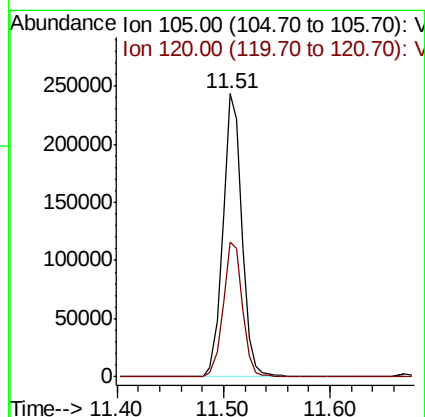
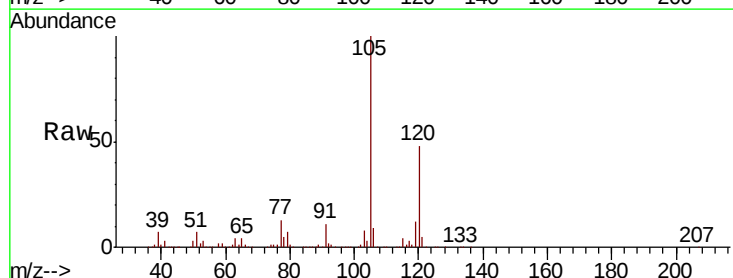
Instrument :
 MSVOA_X
 ClientSampled :
 PT-VOA-WPDL

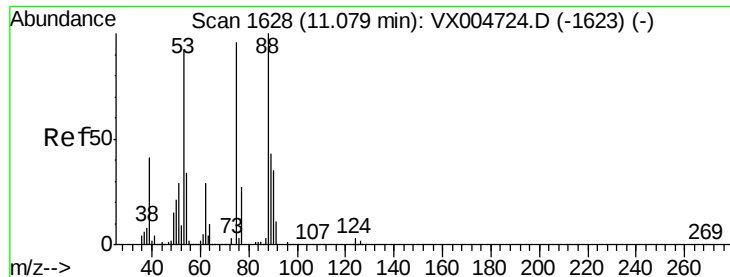
Tot Ion: 75 Resp: 316213
 Ion Ratio Lower Upper
 75 100
 77 32.3 20.2 60.6



#80
 1,3,5-Trimethylbenzene
 Concen: 24.992 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX004731.D
 Acq: 26 Sep 2018 17:28

Tgt Ion: 105 Resp: 301279
 Ion Ratio Lower Upper
 105 100
 120 48.7 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 58.264 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.06 min

Lab File: VX004731.D

Acq: 26 Sep 2018 17:28

Instrument :

MSVOA_X

ClientSampleId :

PT-VOA-WPDL

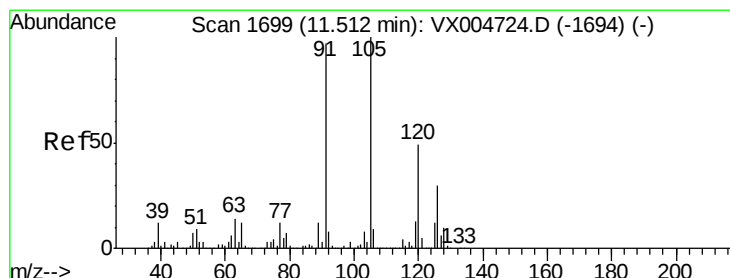
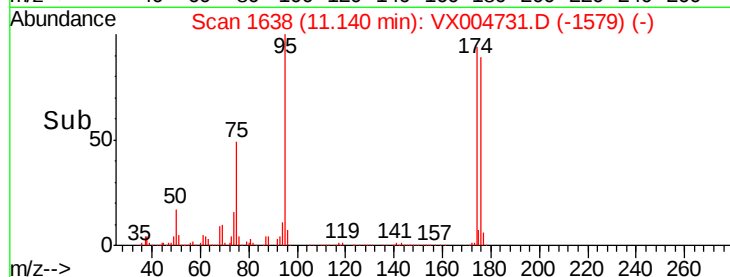
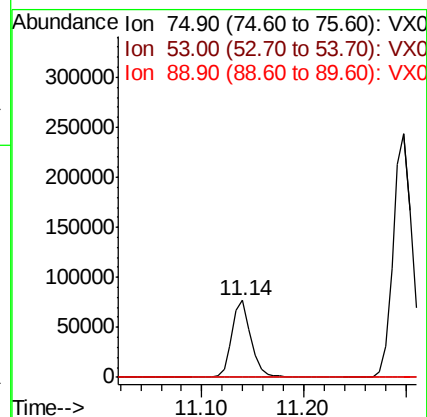
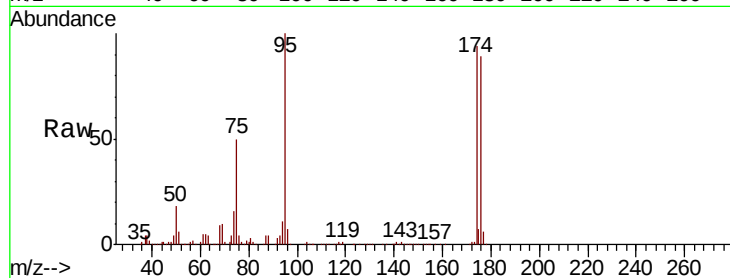
Tot Ion: 75 Resp: 100106

Ion Ratio Lower Upper

75 100

53 0.2 80.1 120.1#

89 0.0 37.2 55.8#



#82

4-Chlorotoluene

Concen: 2.956 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX004731.D

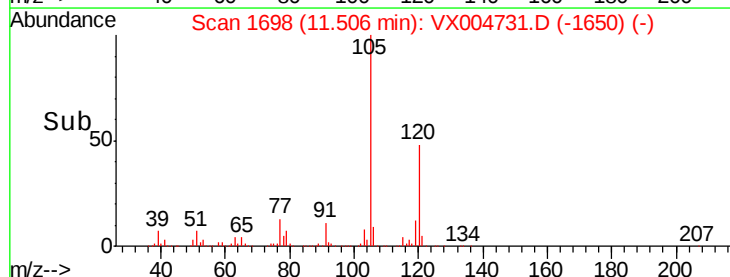
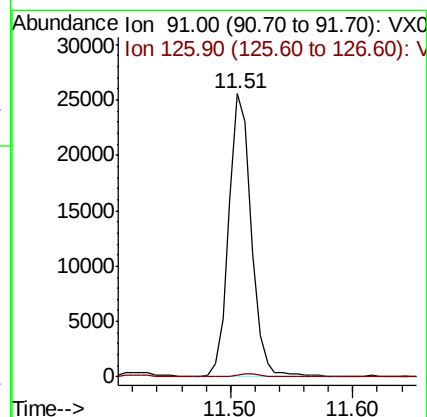
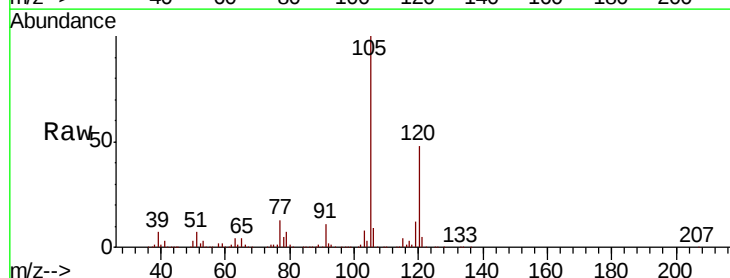
Acq: 26 Sep 2018 17:28

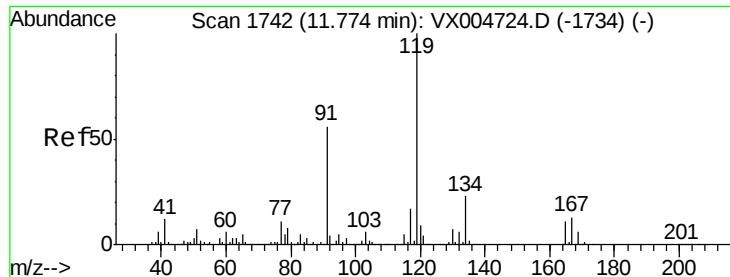
Tgt Ion: 91 Resp: 32597

Ion Ratio Lower Upper

91 100

126 1.3 15.5 46.5#

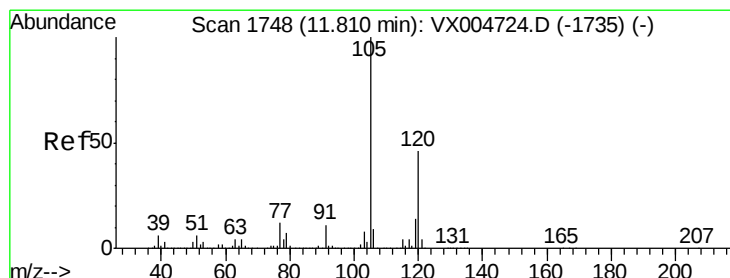
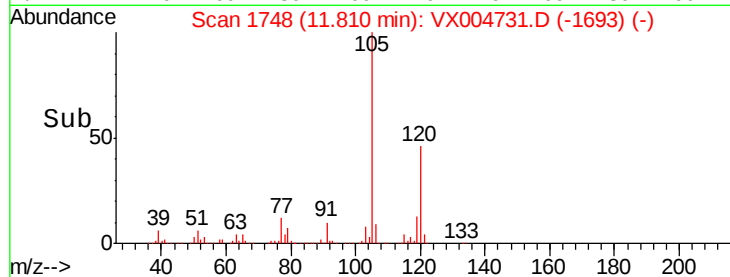
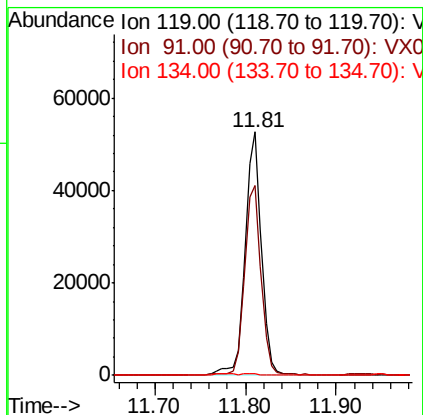
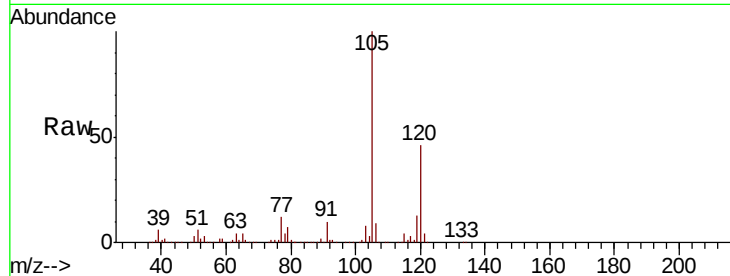




#83
 tert-Butylbenzene
 Concen: 6.095 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.04 min
 Lab File: VX004731.D
 Acq: 26 Sep 2018 17:28

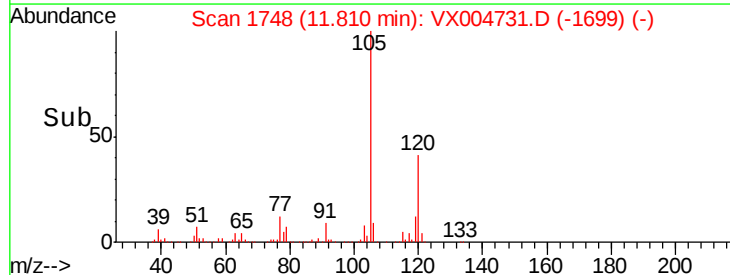
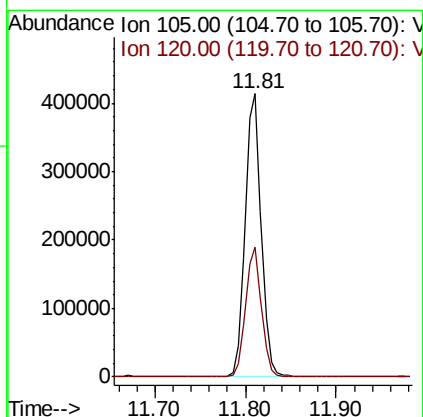
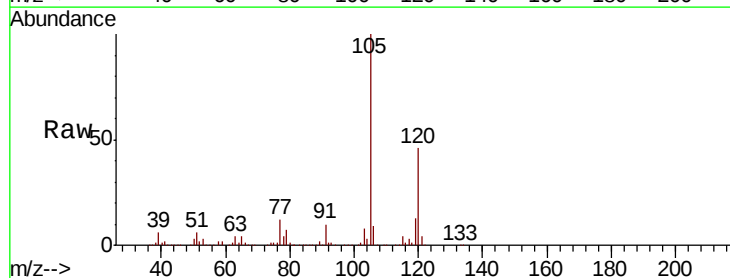
Instrument :
 MSVOA_X
 ClientSampleId :
 PT-VOA-WPDL

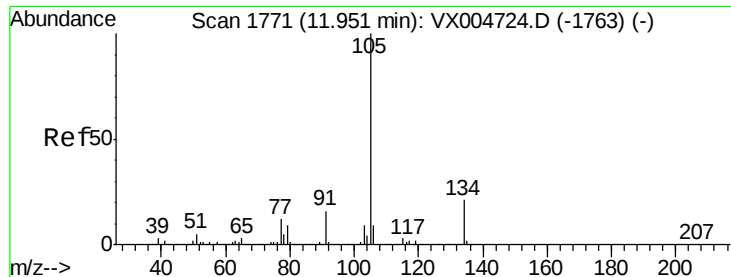
Tot Ion:119 Resp: 65745
 Ion Ratio Lower Upper
 119 100
 91 78.9 27.0 81.0
 134 0.6 11.7 35.1#



#84
 1,2,4-Trimethylbenzene
 Concen: 40.784 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX004731.D
 Acq: 26 Sep 2018 17:28

Tgt Ion:105 Resp: 505480
 Ion Ratio Lower Upper
 105 100
 120 45.5 23.2 69.6

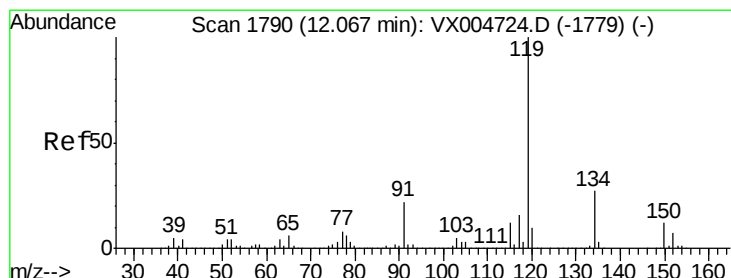
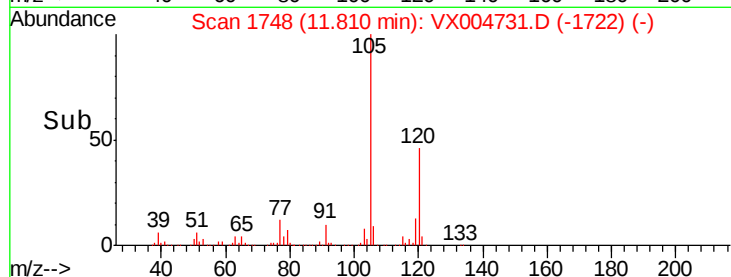
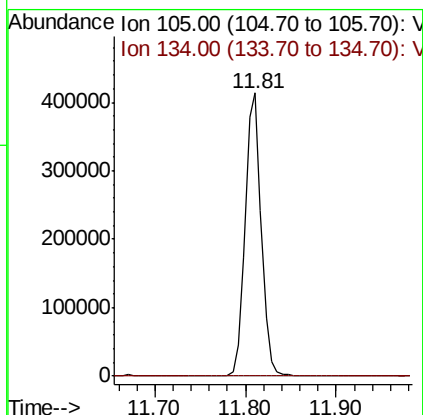
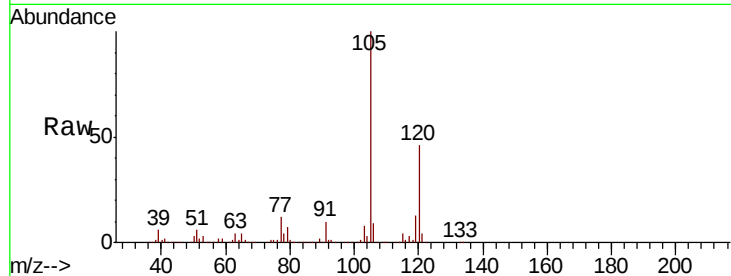




#85
 sec-Butylbenzene
 Concen: 38.474 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.14 min
 Lab File: VX004731.D
 Acq: 26 Sep 2018 17:28

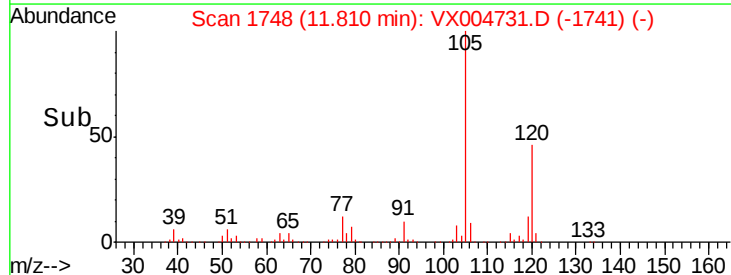
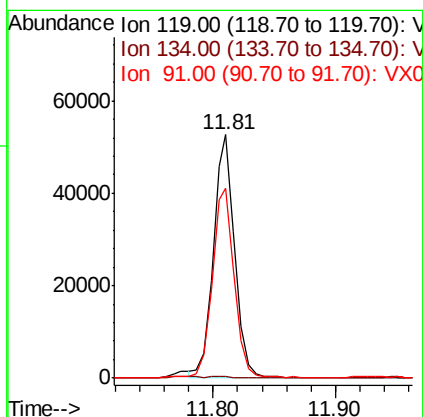
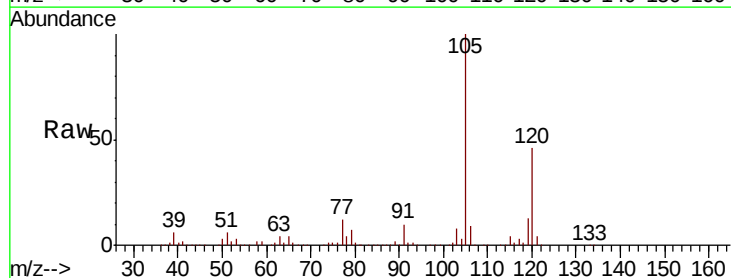
Instrument :
 MSVOA_X
 ClientSampleId :
 PT-VOA-WPDL

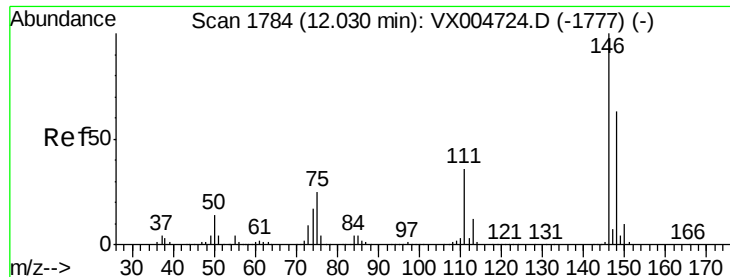
Tot Ion:105 Resp: 505480
 Ion Ratio Lower Upper
 105 100
 134 0.1 10.5 31.5#



#86
 p-Isopropyltoluene
 Concen: 5.386 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.26 min
 Lab File: VX004731.D
 Acq: 26 Sep 2018 17:28

Tgt Ion:119 Resp: 64113
 Ion Ratio Lower Upper
 119 100
 134 0.6 13.4 40.2#
 91 78.7 10.9 32.7#





#87

1,3-Dichlorobenzene

Concen: 56.531 ug/l

RT: 12.03 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX004731.D

Acq: 26 Sep 2018 17:28

Instrument :

MSVOA_X

ClientSampleId :

PT-VOA-WPDL

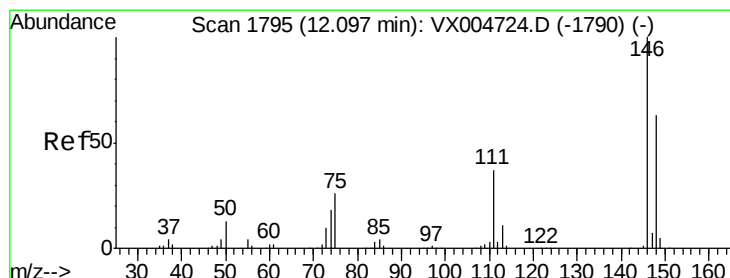
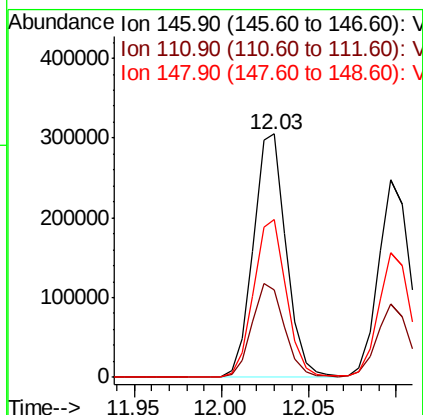
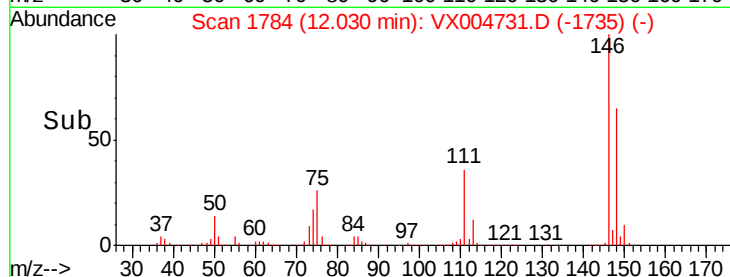
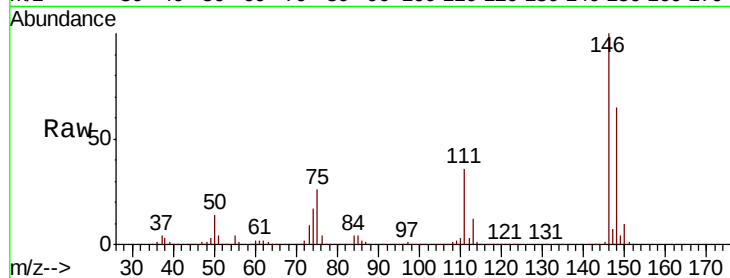
Tot Ion:146 Resp: 401688

Ion Ratio Lower Upper

146 100

111 38.3 18.7 56.1

148 64.7 32.1 96.5



#88

1,4-Dichlorobenzene

Concen: 42.898 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX004731.D

Acq: 26 Sep 2018 17:28

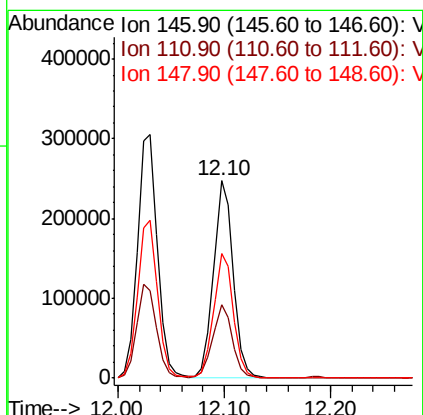
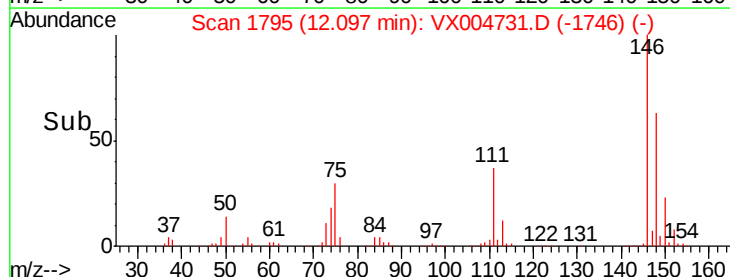
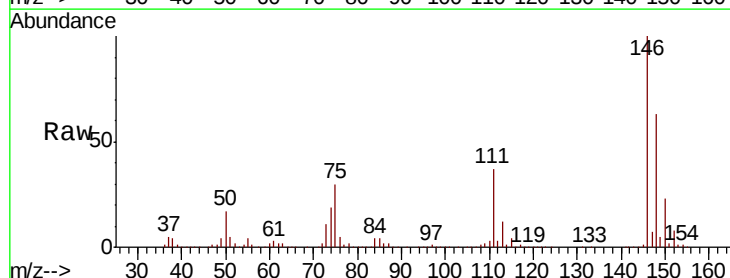
Tgt Ion:146 Resp: 314660

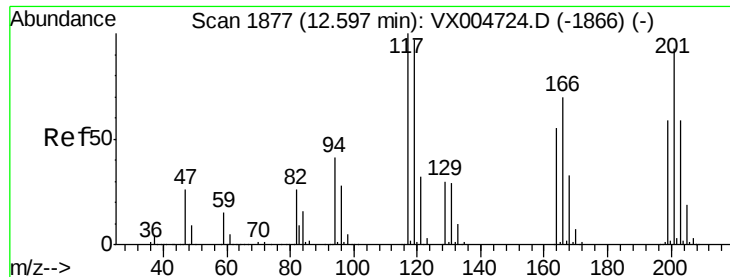
Ion Ratio Lower Upper

146 100

111 37.0 18.1 54.1

148 63.7 32.0 96.0





#90

Hexachloroethane

Concen: 0.728 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX004731.D

Acq: 26 Sep 2018 17:28

Instrument :

MSVOA_X

ClientSampleId :

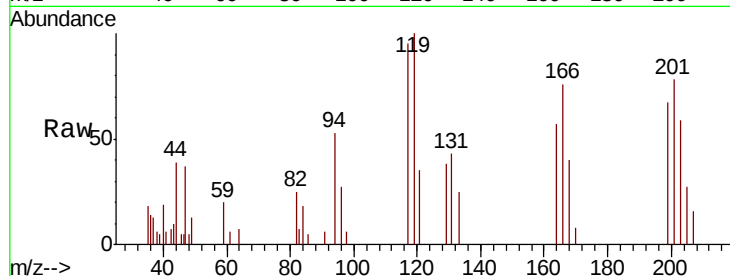
PT-VOA-WPDL

Tot Ion:117 Resp: 1443

Ion Ratio Lower Upper

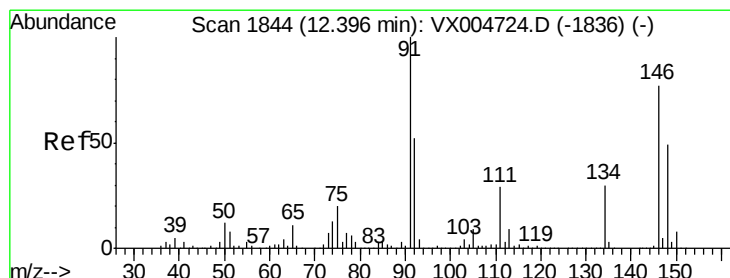
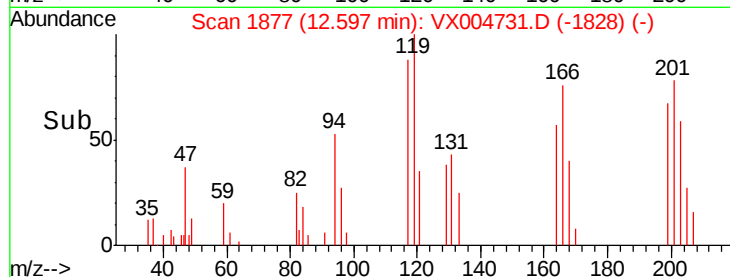
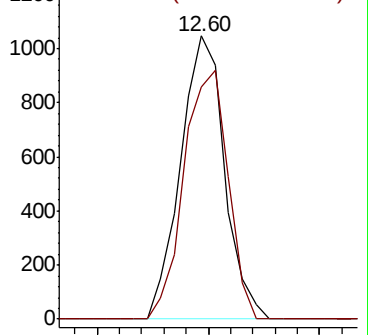
117 100

201 87.8 46.9 140.6



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 27.615 ug/l

RT: 12.40 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VX004731.D

Acq: 26 Sep 2018 17:28

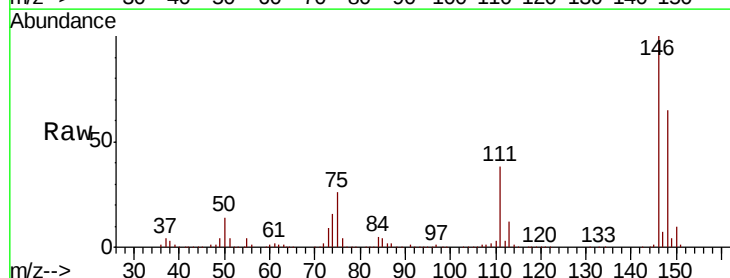
Tgt Ion:146 Resp: 205062

Ion Ratio Lower Upper

146 100

111 39.4 19.4 58.1

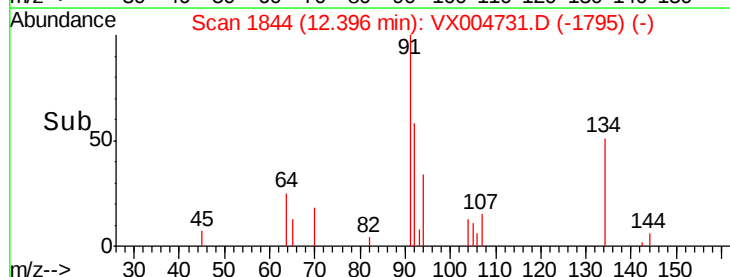
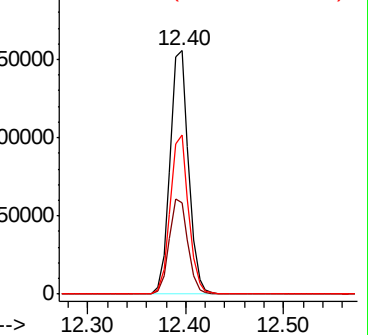
148 64.4 32.8 98.3

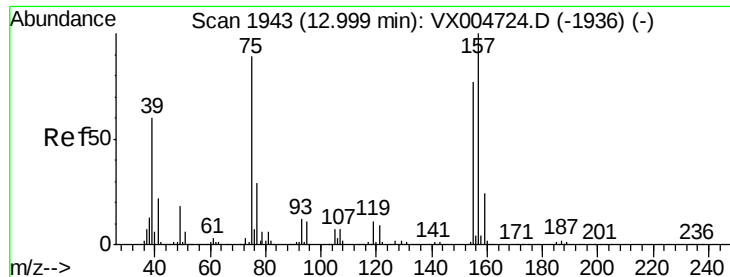


Abundance Ion 145.90 (145.60 to 146.60): V

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: 40.936 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX004731.D

Acq: 26 Sep 2018 17:28

Instrument :

MSVOA_X

ClientSampleId :

PT-VOA-WPDL

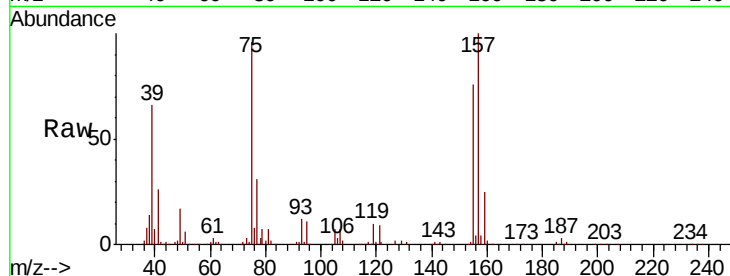
Tot Ion: 75 Resp: 47934

Ion Ratio Lower Upper

75 100

155 88.7 48.0 144.2

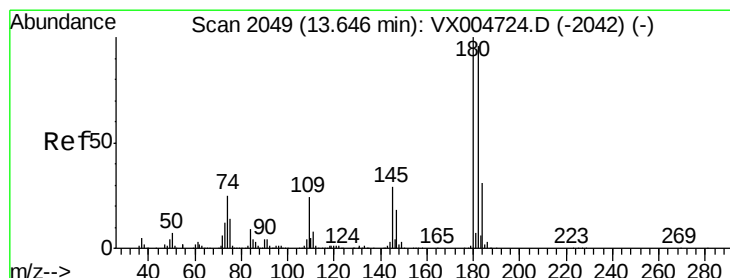
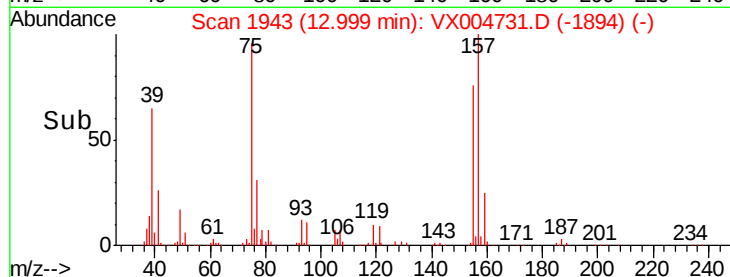
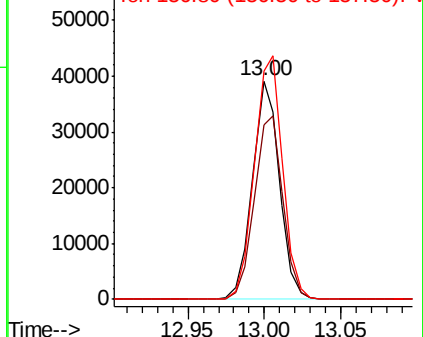
157 116.6 61.4 184.1



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: 59.493 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX004731.D

Acq: 26 Sep 2018 17:28

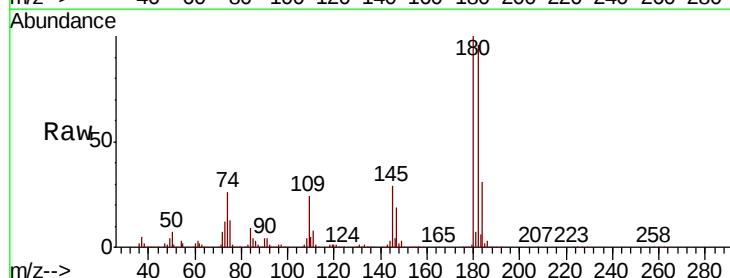
Tgt Ion:180 Resp: 309900

Ion Ratio Lower Upper

180 100

182 95.3 48.4 145.0

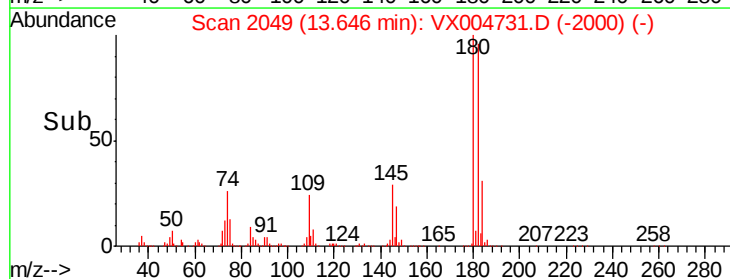
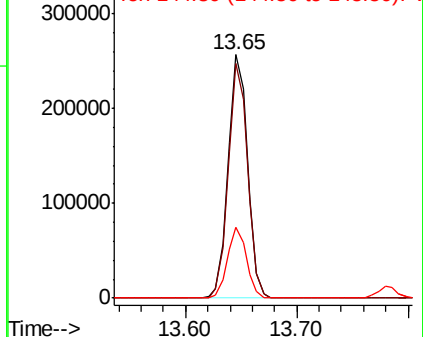
145 28.4 14.3 42.9

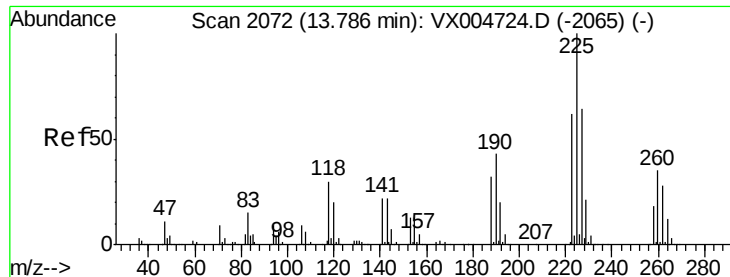


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 72.089 ug/l

RT: 13.79 min Scan# 2072

Delta R.T. 0.00 min

Lab File: VX004731.D

Acq: 26 Sep 2018 17:28

Instrument :

MSVOA_X

ClientSampleId :

PT-VOA-WPDL

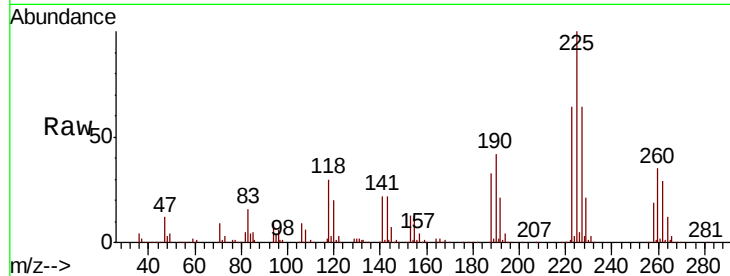
Tot Ion:225 Resp: 194722

Ion Ratio Lower Upper

225 100

223 63.3 30.1 90.5

227 64.5 30.8 92.4

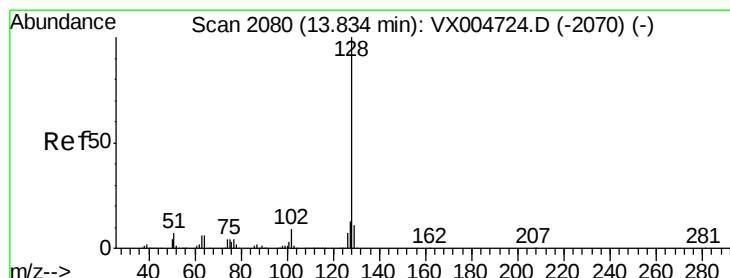
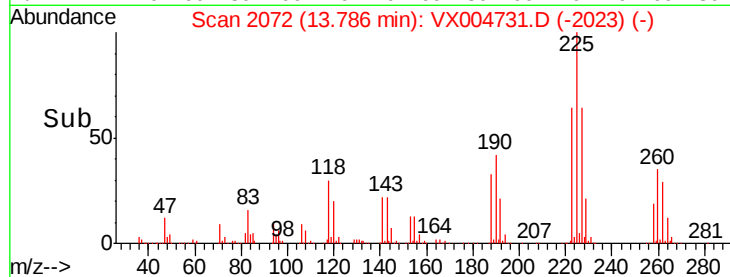
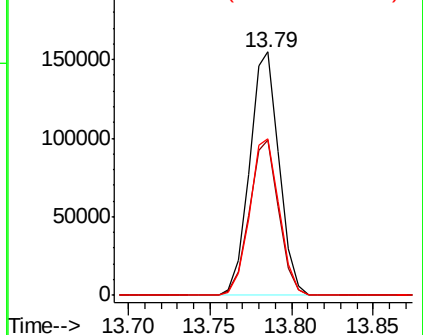


Abundance

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: 69.328 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX004731.D

Acq: 26 Sep 2018 17:28

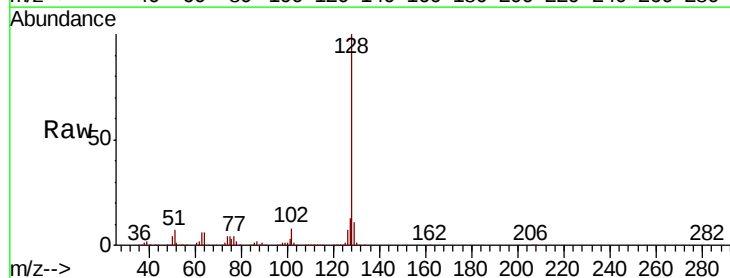
Tgt Ion:128 Resp: 1203491

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

129 11.0 8.6 12.8

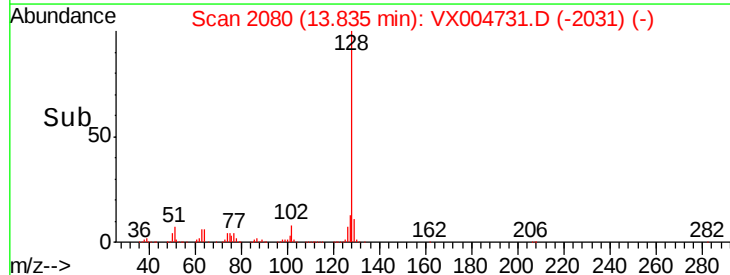
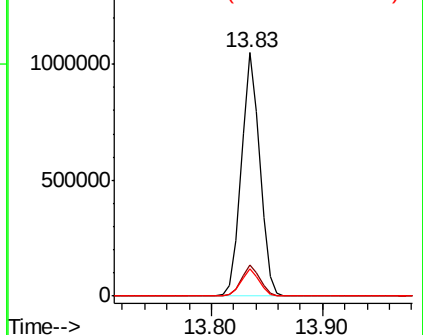


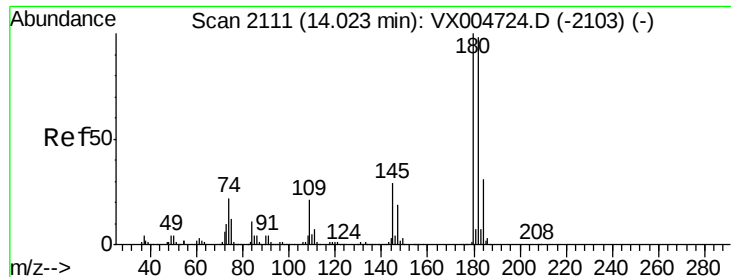
Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

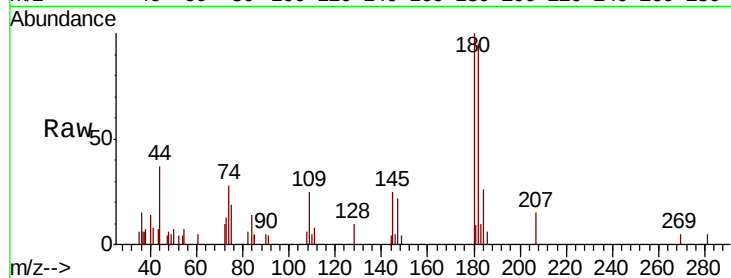




#96
 1,2,3-Trichlorobenzene
 Concen: 0.382 ug/l
 RT: 14.02 min Scan# 2111
 Delta R.T. 0.00 min
 Lab File: VX004731.D
 Acq: 26 Sep 2018 17:28

Instrument :
 MSVOA_X
 ClientSampleId :
 PT-VOA-WPDL

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.4	48.5	145.6
145	25.5	14.9	44.9



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

