

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101118\
 Data File : VX005271.D
 Acq On : 11 Oct 2018 23:07
 Operator : JC/MD
 Sample : J5393-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 12 07:12:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	179513	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	258395	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	259060	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	146641	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	146918	57.29	ug/l	0.00
Spiked Amount			Recovery	=	114.58%	
35) Dibromofluoromethane	5.51	113	123765	56.52	ug/l	0.00
Spiked Amount			Recovery	=	113.04%	
50) Toluene-d8	8.72	98	376121	51.66	ug/l	0.00
Spiked Amount			Recovery	=	103.32%	
62) 4-Bromofluorobenzene	11.14	95	134461	51.27	ug/l	0.00
Spiked Amount			Recovery	=	102.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	1265	0.517	ug/l	82
5) Bromomethane	1.64	94	445	0.269	ug/l #	65
6) Chloroethane	1.70	64	1336	Below Cal	#	61
9) 1,1,2-Trichlorotrifluoroet	2.38	101	107266	54.614	ug/l	98
11) Tert butyl alcohol	3.03	59	1113	1.552	ug/l #	83
12) 1,1-Dichloroethene	2.38	96	31937	16.419	ug/l #	82
13) Acrolein	2.30	56	176	0.345	ug/l #	58
16) Acetone	2.45	43	330	0.220	ug/l #	84
20) Methylene Chloride	2.85	84	388	Below Cal	#	65
21) trans-1,2-Dichloroethene	3.15	96	562	0.264	ug/l	95
24) 1,1-Dichloroethane	3.70	63	11769	2.761	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	18441	7.753	ug/l	97
28) Bromochloromethane	5.21	49	1050	0.523	ug/l #	13
29) Tetrahydrofuran	5.17	42	2272	1.656	ug/l	95
30) Chloroform	5.21	83	12599	3.127	ug/l	92
31) Cyclohexane	5.67	56	3493	1.071	ug/l #	13
32) 1,1,1-Trichloroethane	5.49	97	3107	0.944	ug/l #	48
36) 1,1-Dichloropropene	5.66	75	11991	4.013	ug/l #	46
38) Carbon Tetrachloride	5.79	117	18346	5.841	ug/l	90
39) Methylcyclohexane	7.23	83	125469	41.124	ug/l #	1
42) 1,2-Dichloroethane	6.20	62	1814	0.549	ug/l	93
44) Trichloroethene	7.23	130	10568117	4595.763	ug/l	96
47) Bromodichloromethane	7.91	83	762	0.282	ug/l #	89
49) 1,4-Dioxane	7.76	88	1402	21.719	ug/l #	88
55) 1,1,2-Trichloroethane	9.22	97	5220	2.318	ug/l	94
58) 2-Chloroethyl Vinyl ether	8.54	63	40	14.262	ug/l #	49
60) Dibromochloromethane	9.34	129	8378	3.721	ug/l #	10
64) Tetrachloroethene	9.34	164	9340	3.663	ug/l	94
70) Styrene	10.71	104	75	2.151	ug/l #	48
74) N-amyl acetate	10.90	43	107	1.768	ug/l #	43
76) 1,2,3-Trichloropropane	11.14	75	66839	20.336	ug/l #	35
80) 1,3,5-Trimethylbenzene	11.51	105	46	Below Cal	#	29
81) trans-1,4-Dichloro-2-buten	11.14	75	66839	55.246	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.81	105	92	Below Cal	#	62

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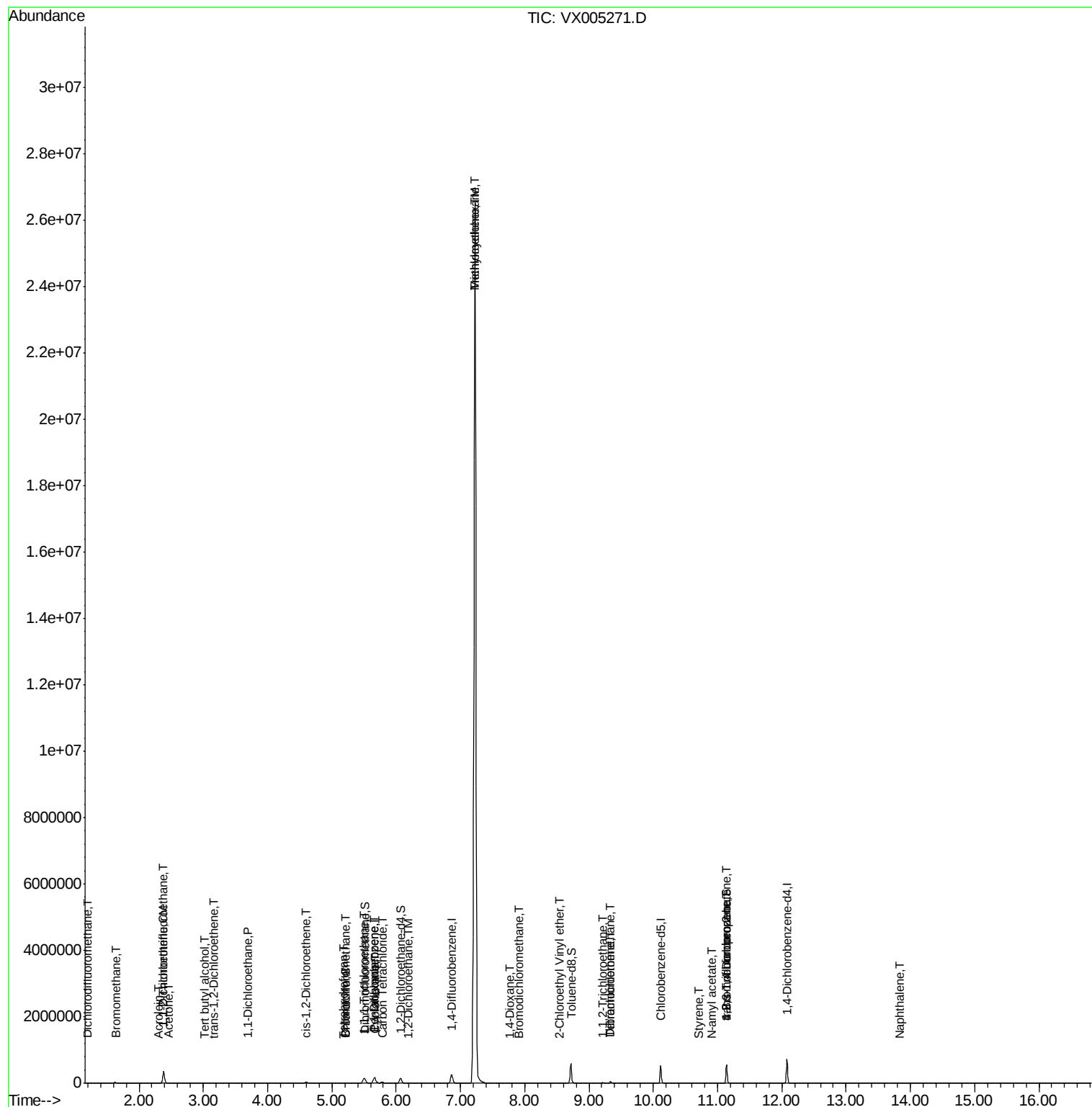
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	13.83	128	246	0.739	ug/l #	69

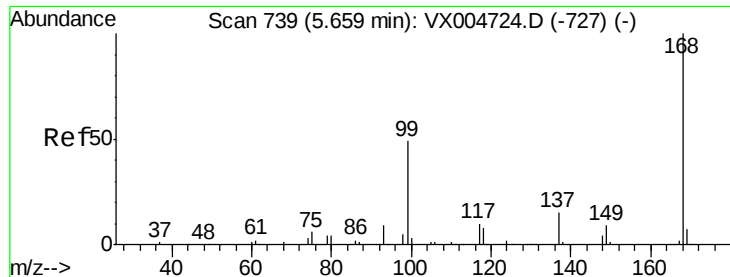
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX005271.D

Acq: 11 Oct 2018 23:07

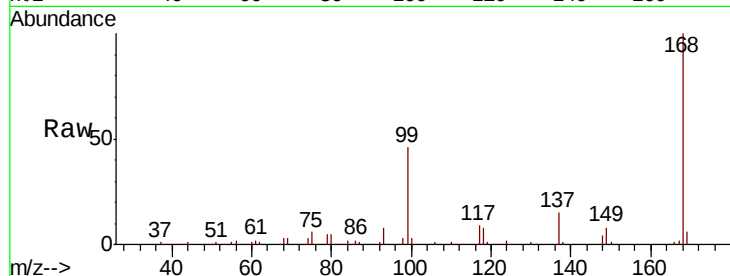
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 179513

Ion Ratio Lower Upper

168 100

99 45.8 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

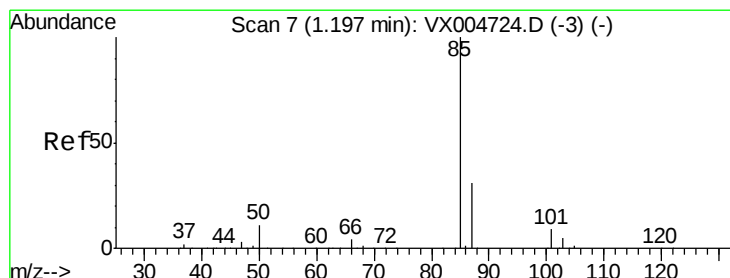
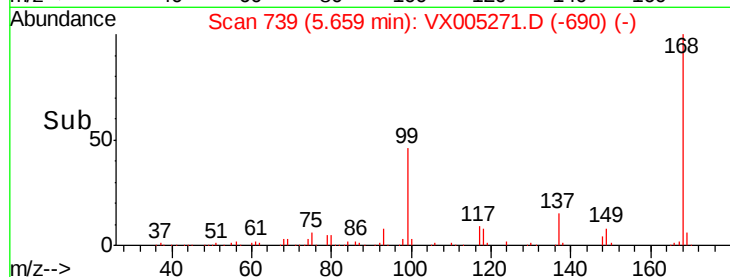
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 0.517 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX005271.D

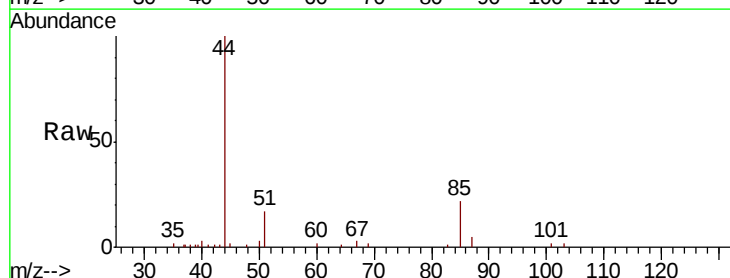
Acq: 11 Oct 2018 23:07

Tgt Ion: 85 Resp: 1265

Ion Ratio Lower Upper

85 100

87 21.6 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

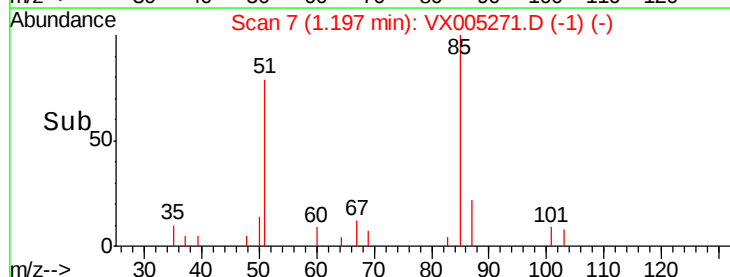
1500

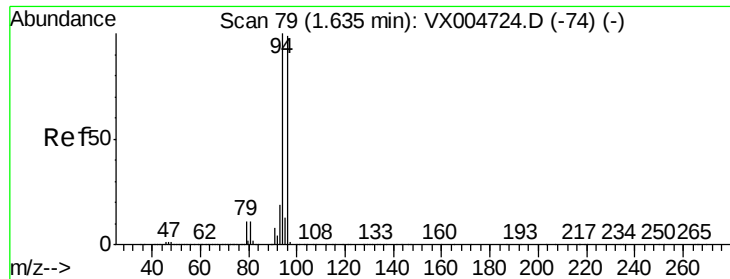
1000

500

0

Time--> 1.20 1.25





#5

Bromomethane

Concen: 0.269 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX005271.D

Acq: 11 Oct 2018 23:07

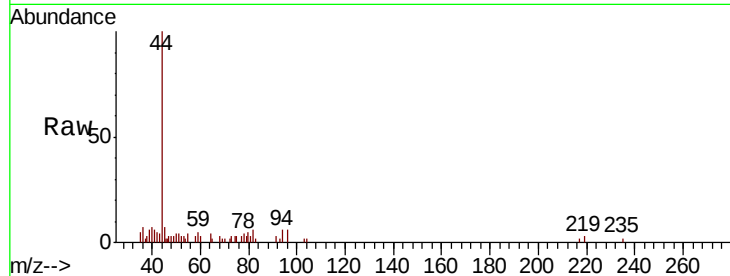
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 94 Resp: 445

Ion Ratio Lower Upper

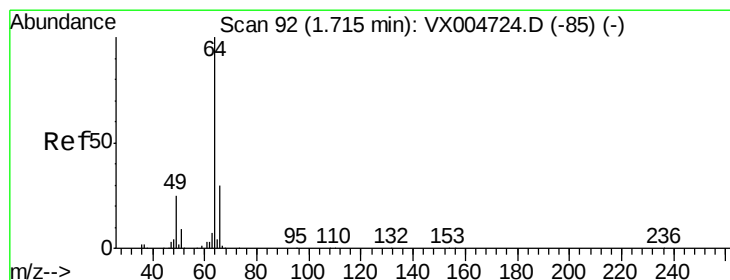
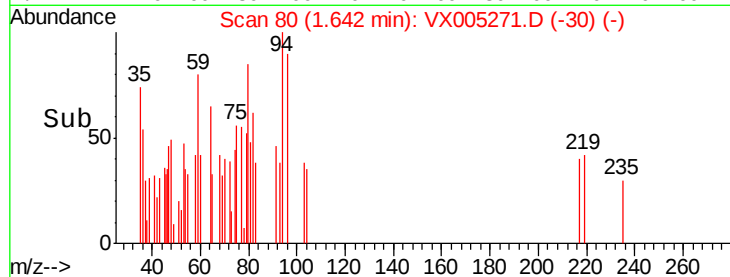
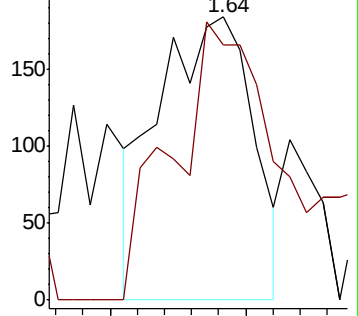
94 100

96 133.9 79.5 119.3#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: Below Cal

RT: 1.70 min Scan# 90

Delta R.T. -0.01 min

Lab File: VX005271.D

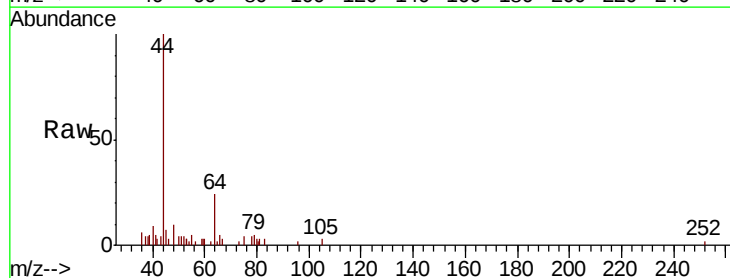
Acq: 11 Oct 2018 23:07

Tgt Ion: 64 Resp: 1336

Ion Ratio Lower Upper

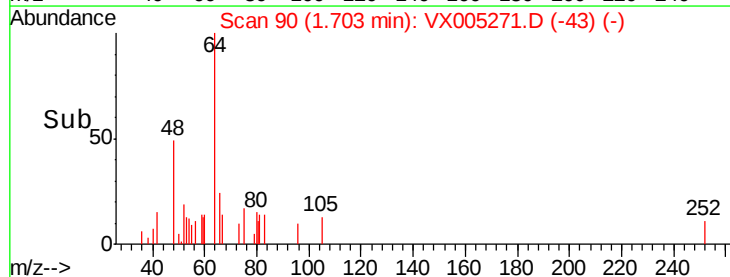
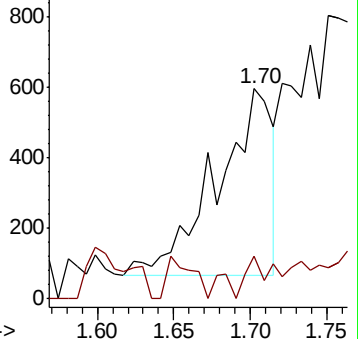
64 100

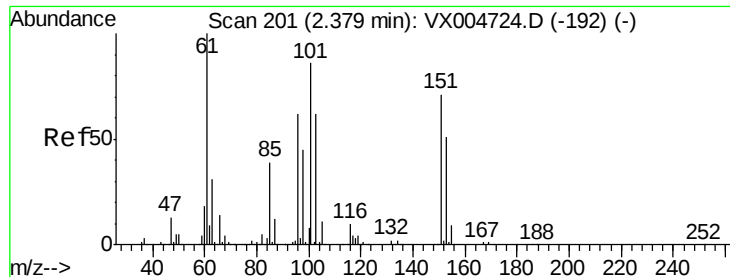
66 8.7 23.8 35.6#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.614 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX005271.D

Acq: 11 Oct 2018 23:07

Instrument :

MSVOA_X

ClientSampleId :

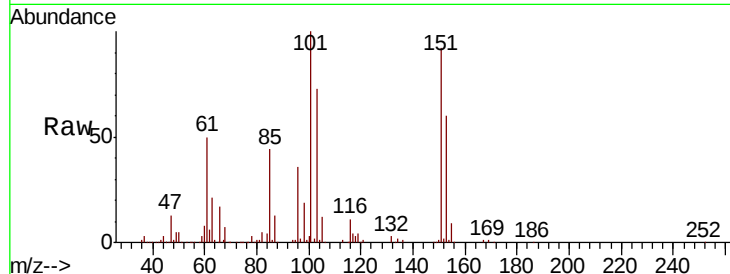
Tot Ion:101 Resp: 107266

Ion Ratio Lower Upper

101 100

85 43.9 35.9 53.9

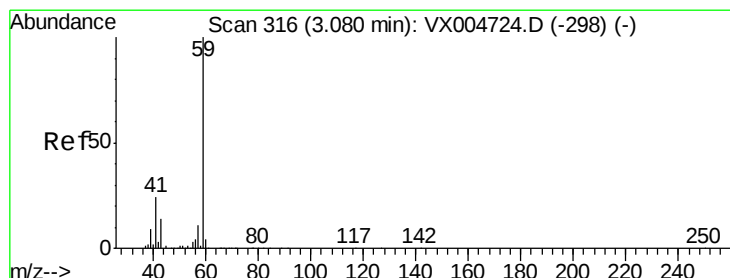
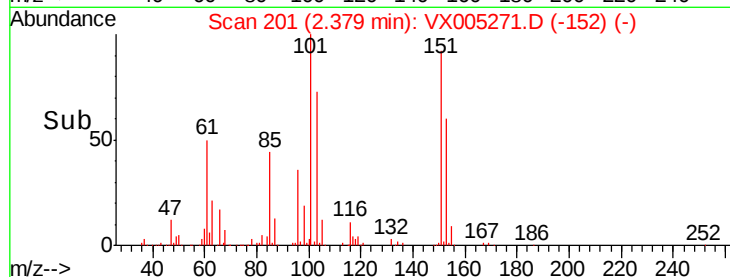
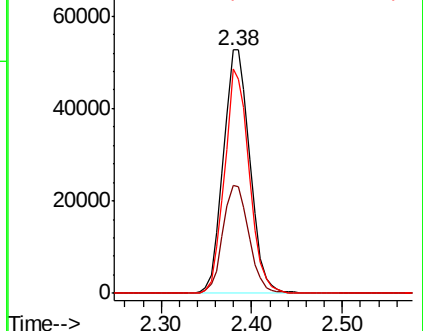
151 85.8 66.6 100.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#11

Tert butyl alcohol

Concen: 1.552 ug/l

RT: 3.03 min Scan# 307

Delta R.T. -0.05 min

Lab File: VX005271.D

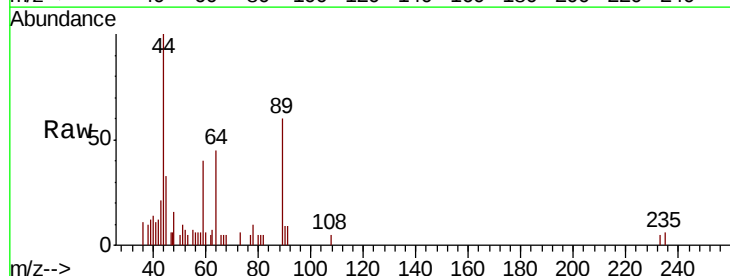
Acq: 11 Oct 2018 23:07

Tgt Ion: 59 Resp: 1113

Ion Ratio Lower Upper

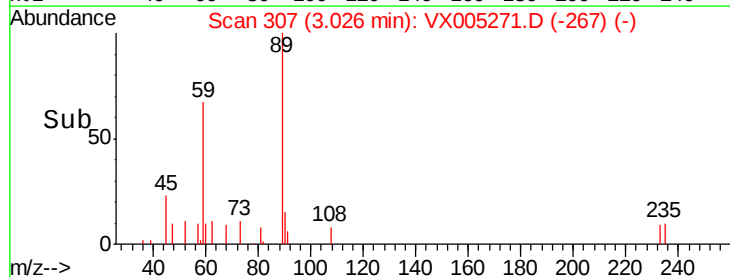
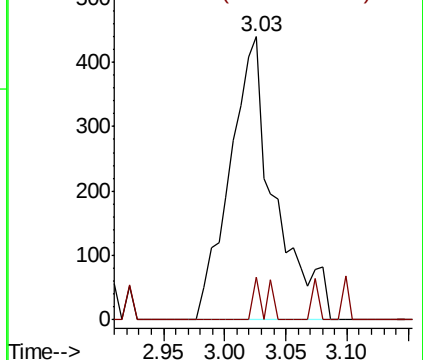
59 100

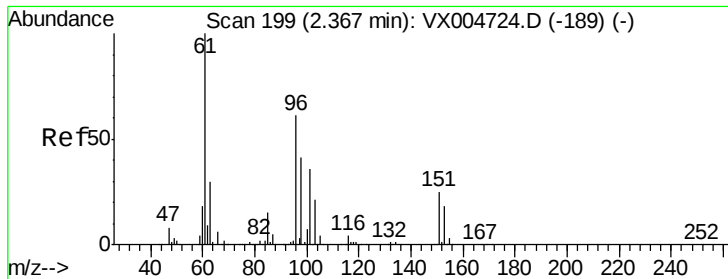
57 4.2 8.6 12.8#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#12

1,1-Dichloroethene

Concen: 16.419 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.01 min

Lab File: VX005271.D

Acq: 11 Oct 2018 23:07

Instrument :

MSVOA_X

ClientSampled :

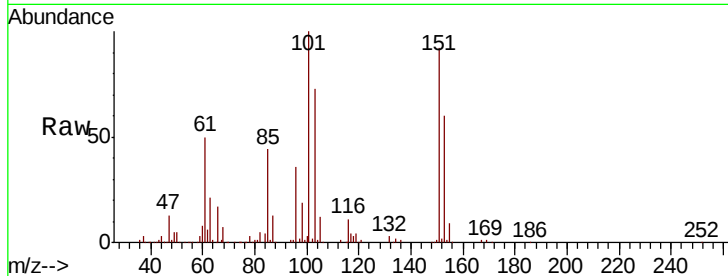
Tot Ion: 96 Resp: 31937

Ion Ratio Lower Upper

96 100

61 137.6 130.2 195.4

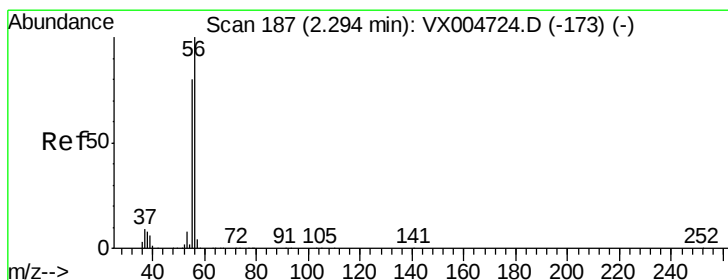
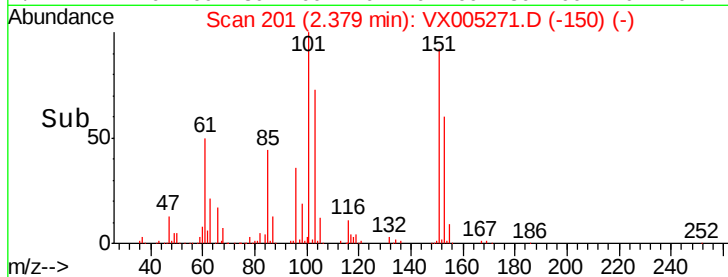
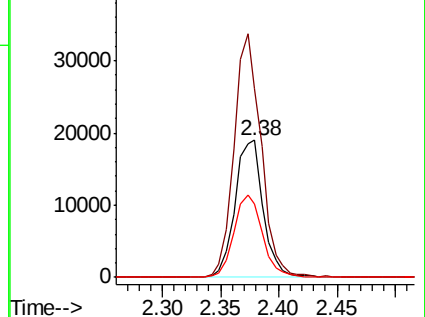
98 53.4 53.4 80.0#



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



#13

Acrolein

Concen: 0.345 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX005271.D

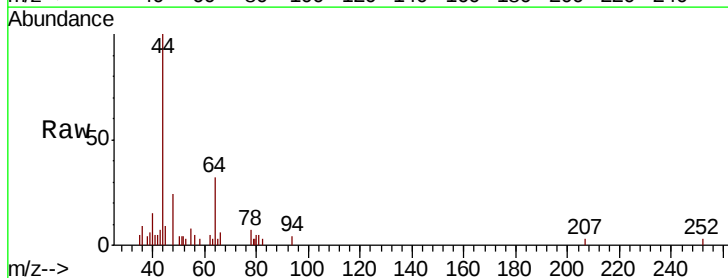
Acq: 11 Oct 2018 23:07

Tgt Ion: 56 Resp: 176

Ion Ratio Lower Upper

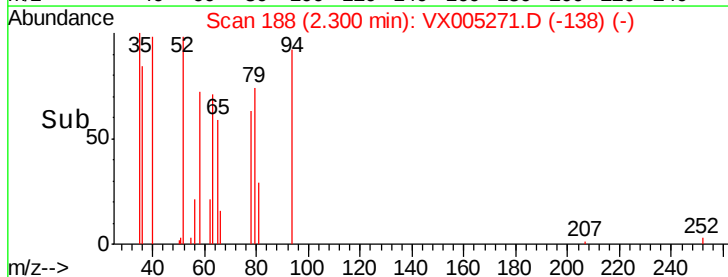
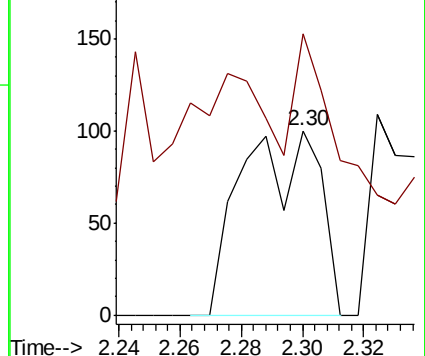
56 100

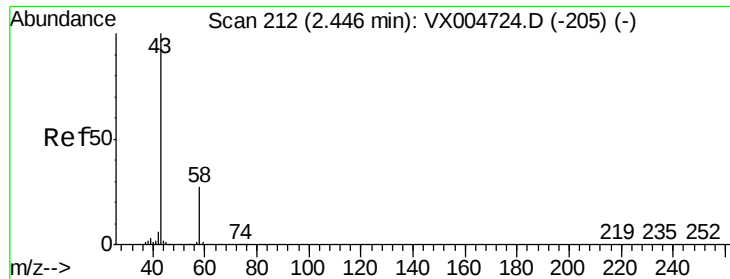
55 42.6 63.4 95.2#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

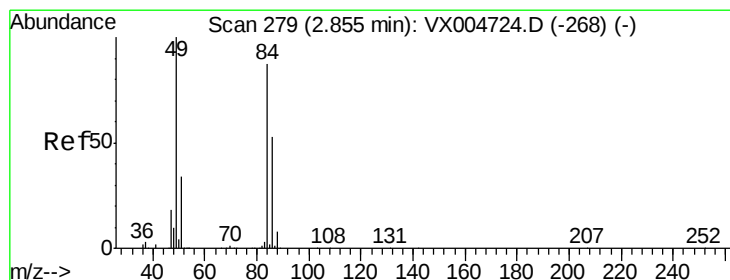
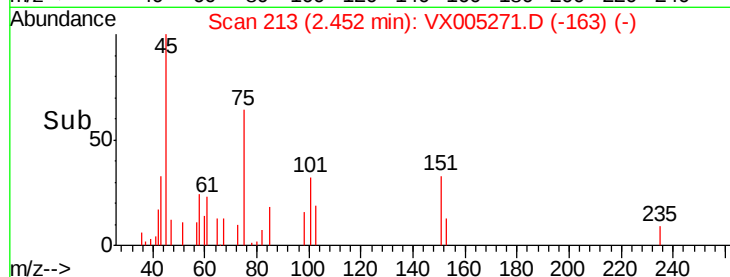
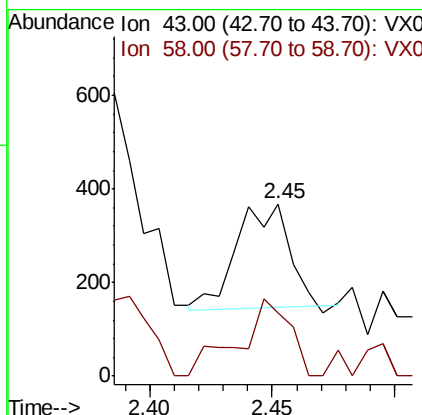
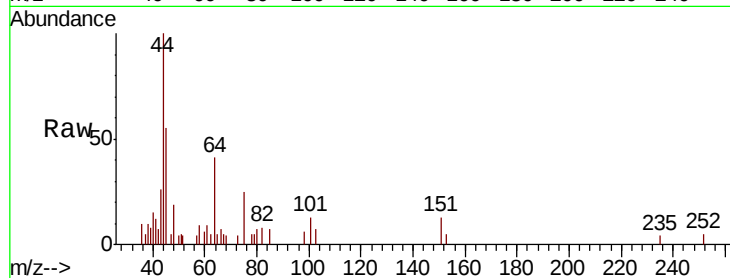




#16
Acetone
Concen: 0.220 ug/l
RT: 2.45 min Scan# 213
Delta R.T. 0.01 min
Lab File: VX005271.D
Acq: 11 Oct 2018 23:07

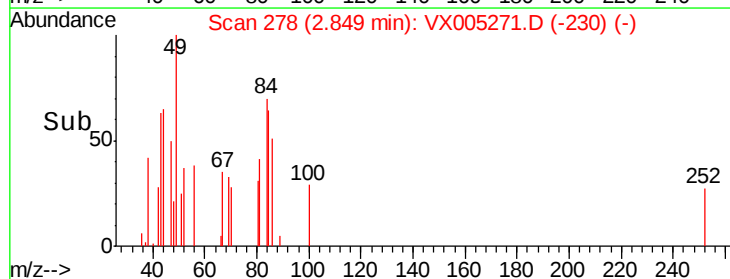
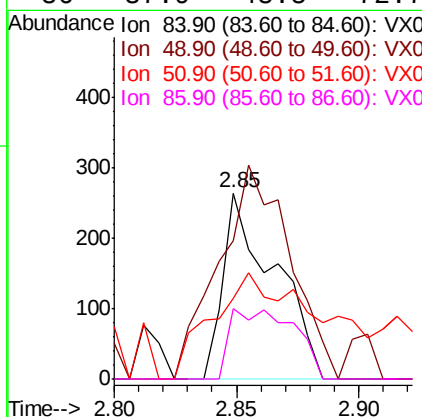
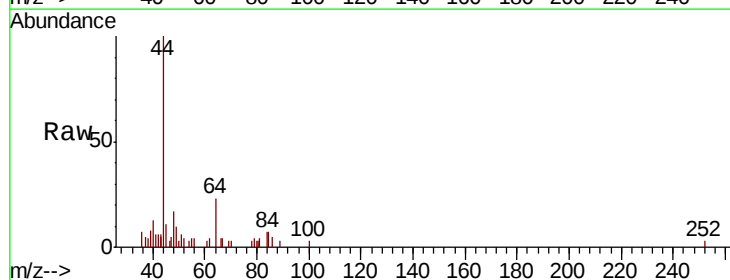
Instrument :
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ClientSampled :

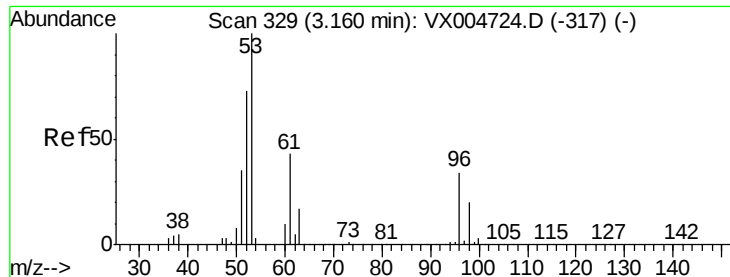
Tot Ion: 43 Resp: 330
Ion Ratio Lower Upper
43 100
58 35.5 21.8 32.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.85 min Scan# 278
Delta R.T. -0.01 min
Lab File: VX005271.D
Acq: 11 Oct 2018 23:07

Tgt Ion: 84 Resp: 388
Ion Ratio Lower Upper
84 100
49 74.2 92.3 138.5#
51 18.9 31.8 47.6#
86 37.9 48.5 72.7#

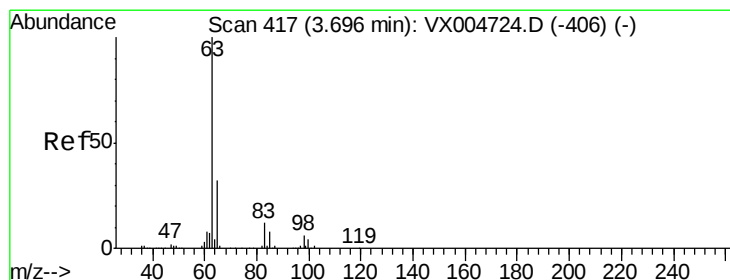
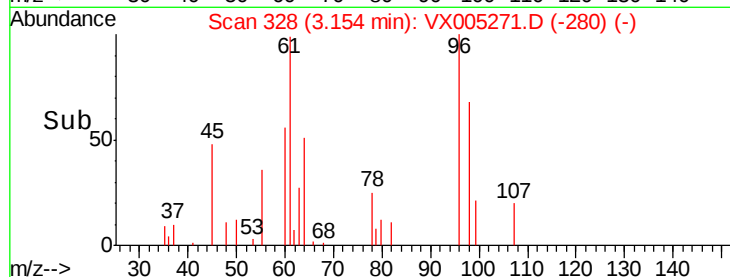
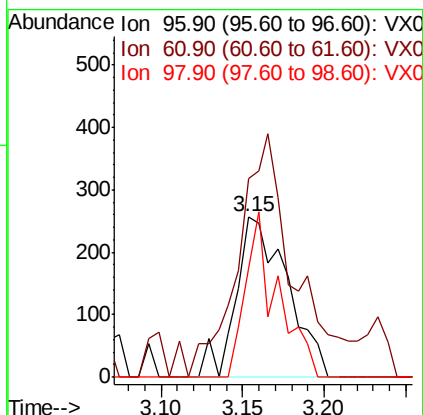
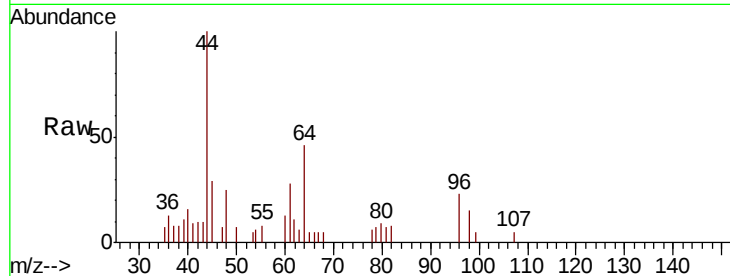




#21
trans-1,2-Dichloroethene
Concen: 0.264 ug/l
RT: 3.15 min Scan# 328
Delta R.T. -0.01 min
Lab File: VX005271.D
Acq: 11 Oct 2018 23:07

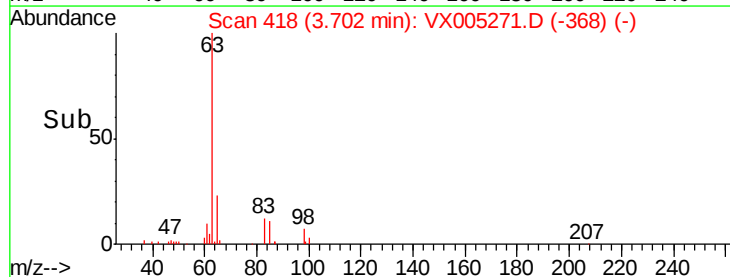
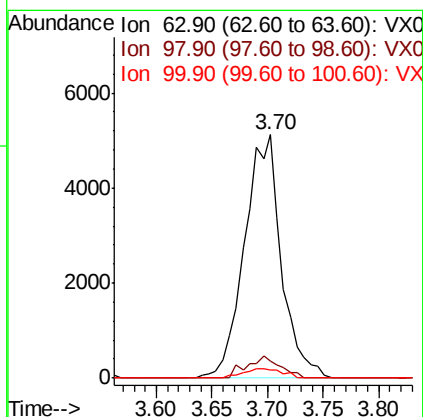
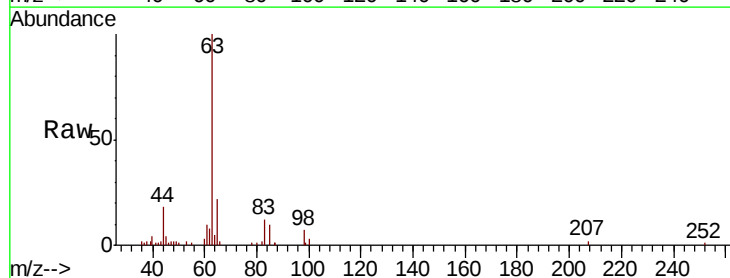
Instrument :
MSVOA_X
ClientSampled :

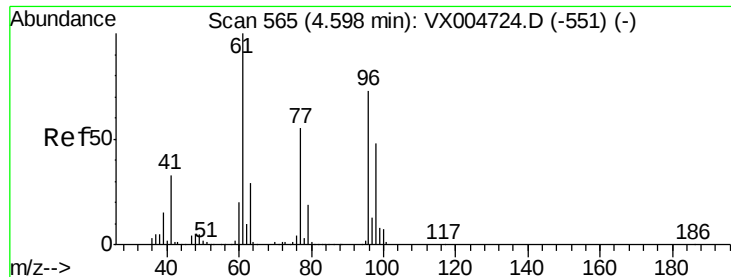
Tot Ion: 96 Resp: 562
Ion Ratio Lower Upper
96 100
61 124.1 101.0 151.6
98 67.7 47.2 70.8



#24
1,1-Dichloroethane
Concen: 2.761 ug/l
RT: 3.70 min Scan# 418
Delta R.T. 0.01 min
Lab File: VX005271.D
Acq: 11 Oct 2018 23:07

Tgt Ion: 63 Resp: 11769
Ion Ratio Lower Upper
63 100
98 7.2 3.0 9.2
100 3.1 2.0 5.8



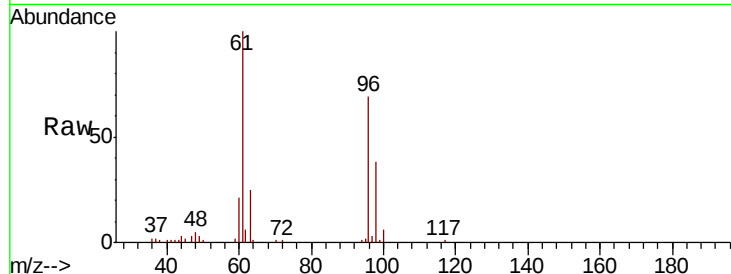


#27

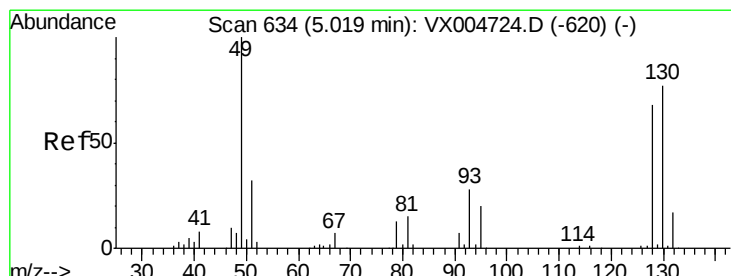
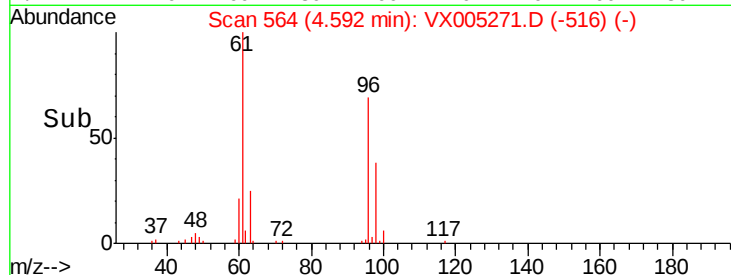
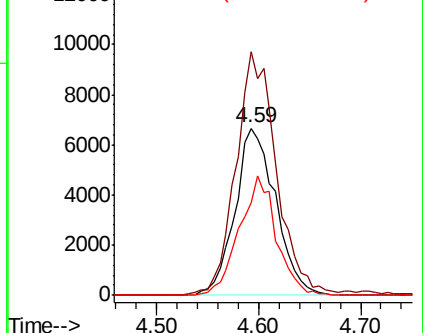
cis-1,2-Dichloroethene
Concen: 7.753 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX005271.D
Acq: 11 Oct 2018 23:07

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	146.7	0.0	285.8
98	65.1	0.0	136.2



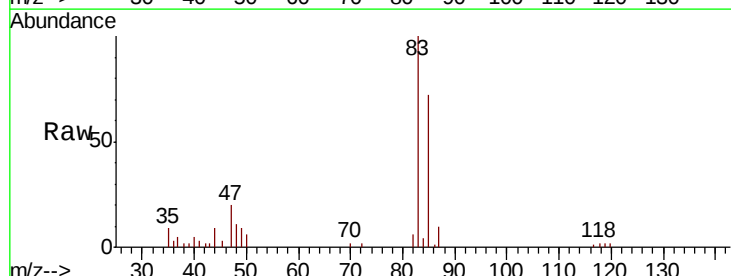
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



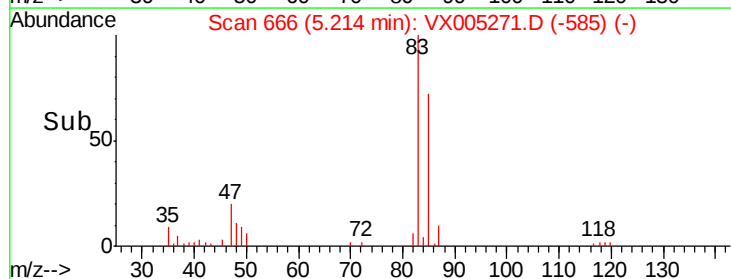
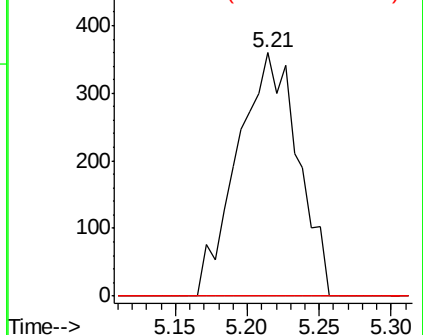
#28

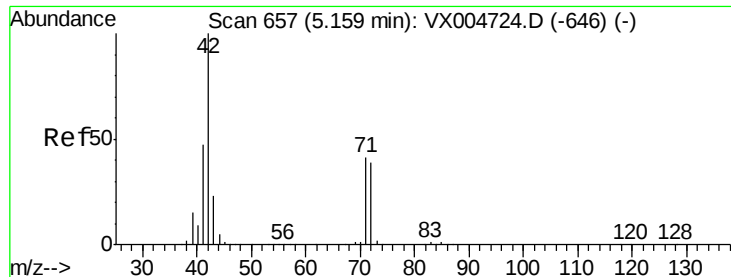
Bromochloromethane
Concen: 0.523 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.20 min
Lab File: VX005271.D
Acq: 11 Oct 2018 23:07

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.2
130	0.0	62.0	93.0#



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: 1.656 ug/l

RT: 5.17 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX005271.D

Acq: 11 Oct 2018 23:07

Instrument :

MSVOA_X

ClientSampled :

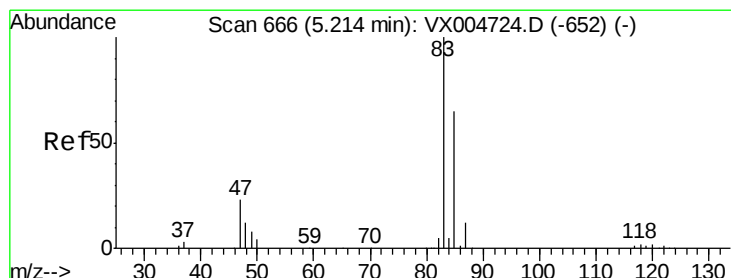
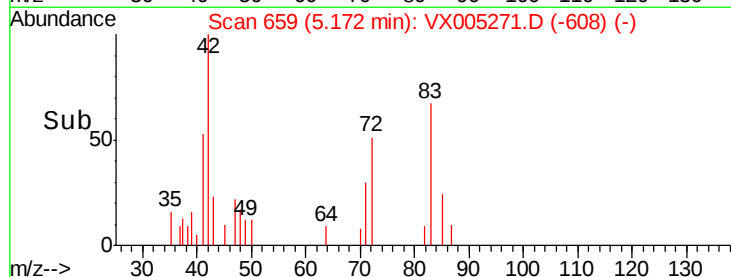
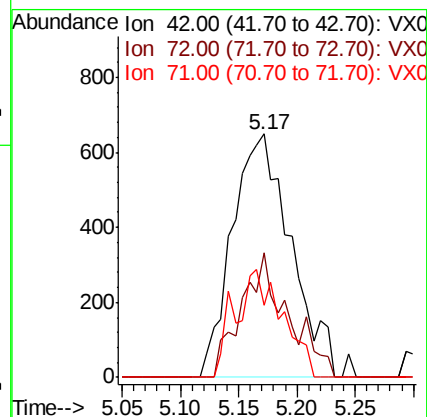
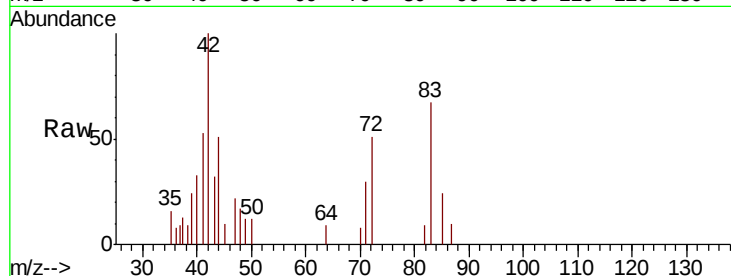
Tot Ion: 42 Resp: 2272

Ion Ratio Lower Upper

42 100

72 40.7 33.7 50.5

71 35.6 32.2 48.4



#30

Chloroform

Concen: 3.127 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX005271.D

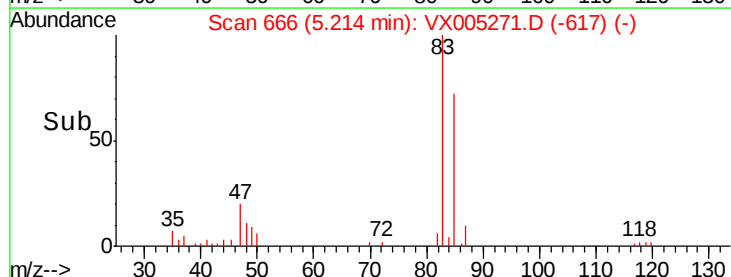
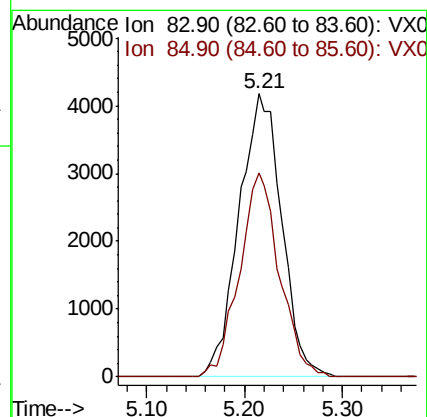
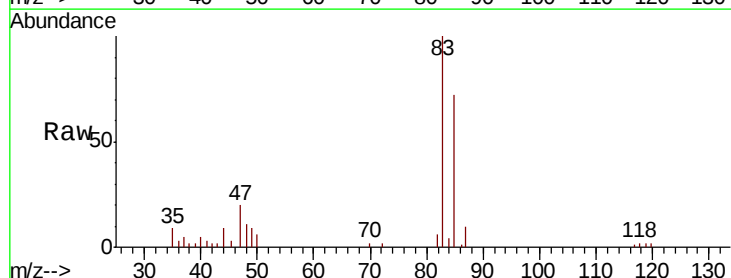
Acq: 11 Oct 2018 23:07

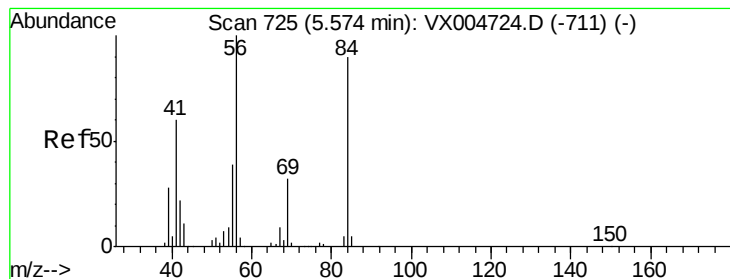
Tgt Ion: 83 Resp: 12599

Ion Ratio Lower Upper

83 100

85 71.9 52.4 78.6





#31

Cvclohexane

Concen: 1.071 ug/l

RT: 5.67 min Scan# 741

Delta R.T. 0.10 min

Lab File: VX005271.D

Acq: 11 Oct 2018 23:07

Instrument :

MSVOA_X

ClientSampleId :

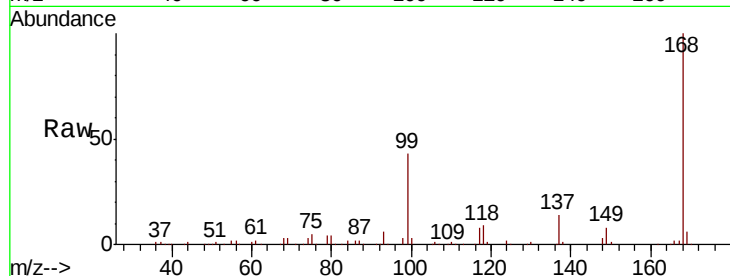
Tot Ion: 56 Resp: 3493

Ion Ratio Lower Upper

56 100

69 158.6 25.9 38.9#

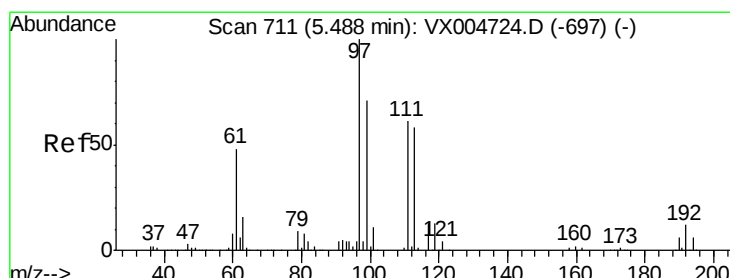
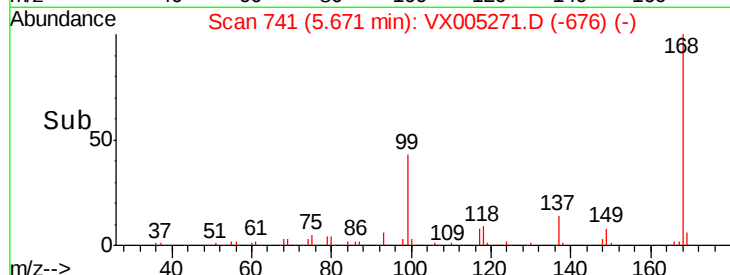
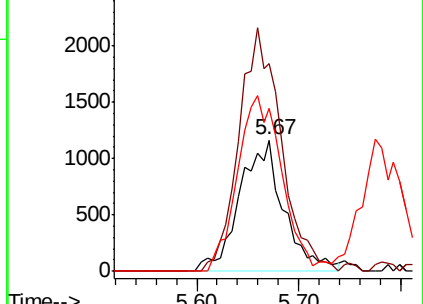
84 124.5 71.9 107.9#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 0.944 ug/l

RT: 5.49 min Scan# 711

Delta R.T. 0.00 min

Lab File: VX005271.D

Acq: 11 Oct 2018 23:07

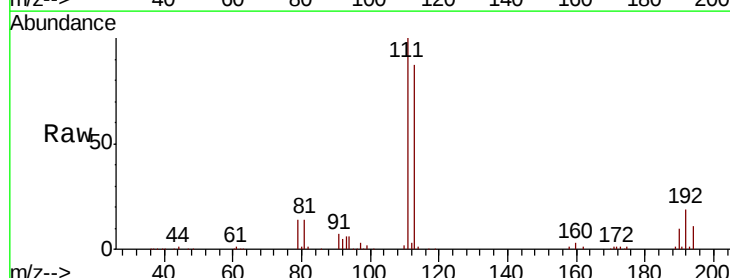
Tgt Ion: 97 Resp: 3107

Ion Ratio Lower Upper

97 100

99 0.0 54.6 82.0#

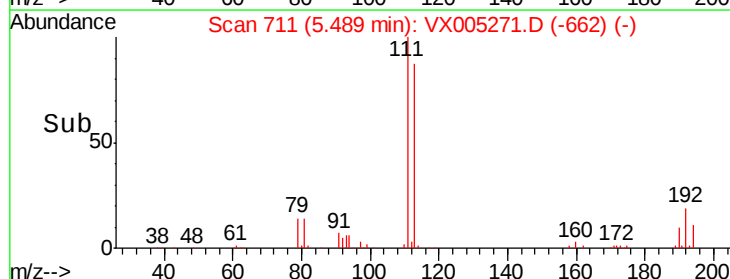
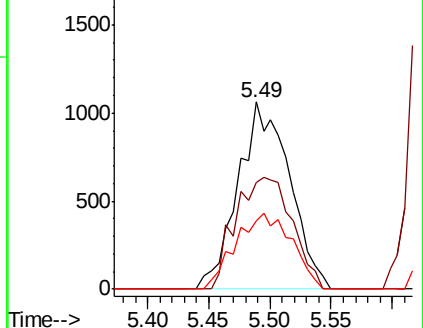
61 44.1 37.5 56.3

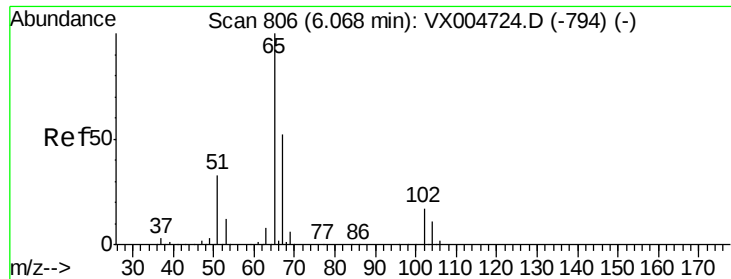


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 57.293 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX005271.D

Acq: 11 Oct 2018 23:07

Instrument :

MSVOA_X

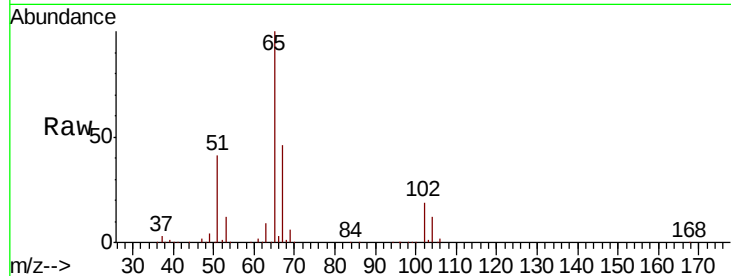
ClientSampleId :

Tot Ion: 65 Resp: 146918

Ion Ratio Lower Upper

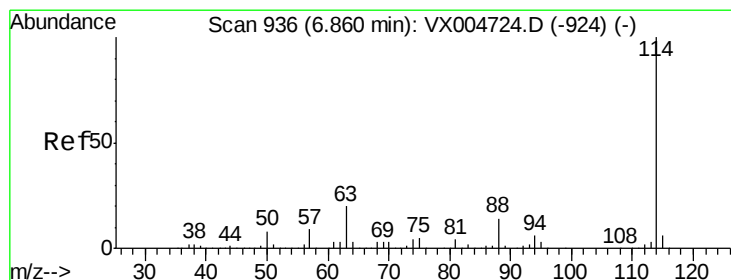
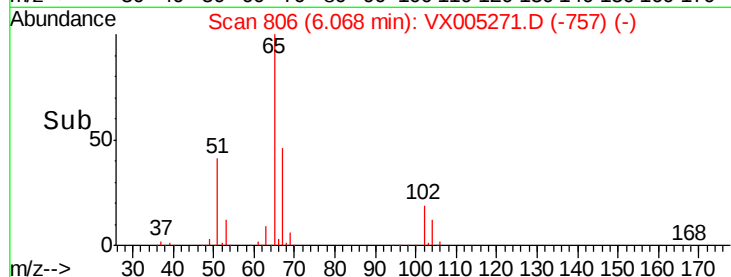
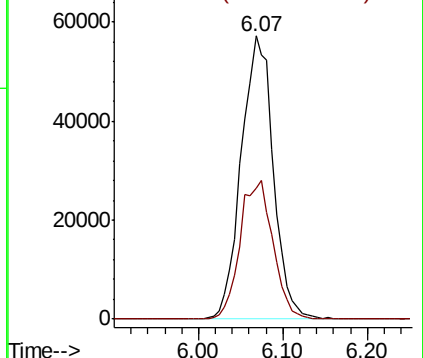
65 100

67 50.4 0.0 107.4



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: VX005271.D

Acq: 11 Oct 2018 23:07

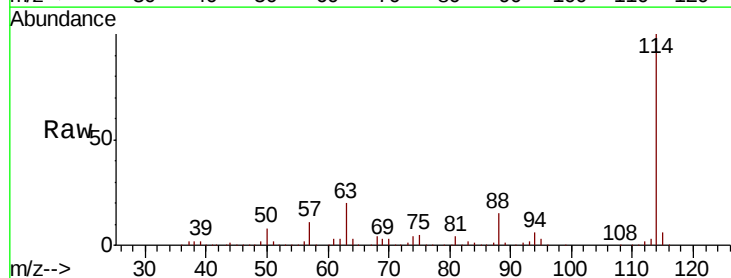
Tgt Ion: 114 Resp: 258395

Ion Ratio Lower Upper

114 100

63 20.5 0.0 39.8

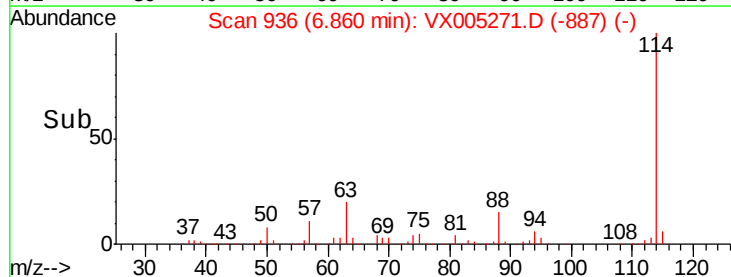
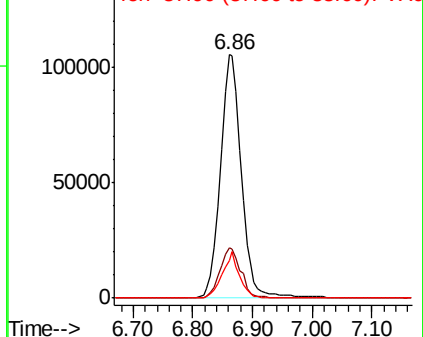
88 15.4 0.0 27.0

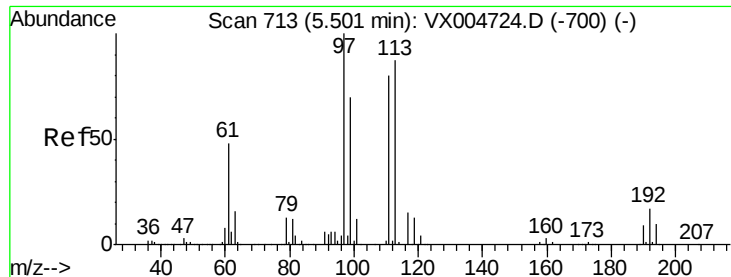


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

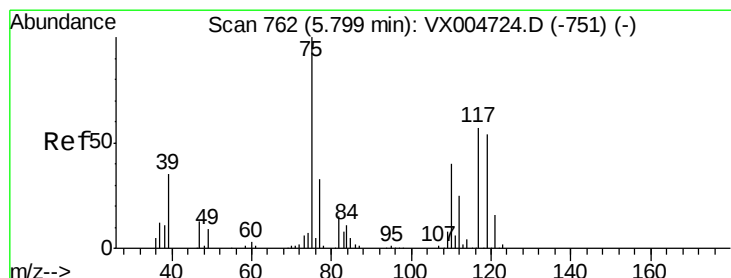
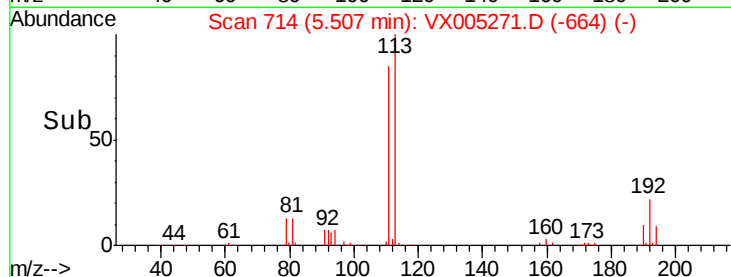
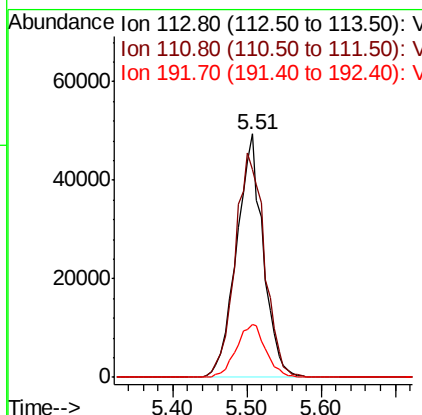
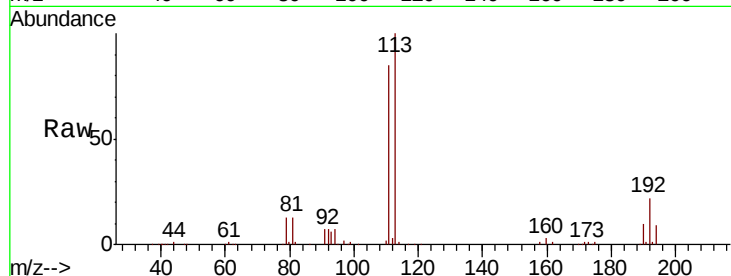




#35
 Dibromofluoromethane
 Concen: 56.515 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX005271.D
 Acq: 11 Oct 2018 23:07

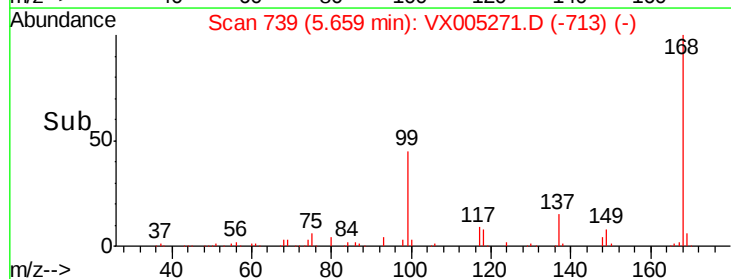
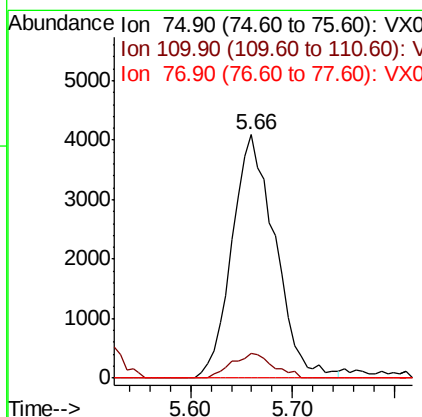
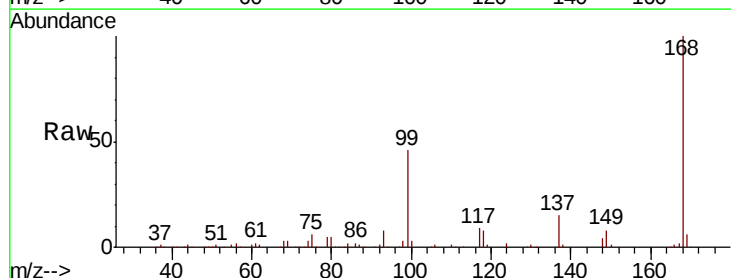
Instrument :
 MSVOA_X
 ClientSampleId :

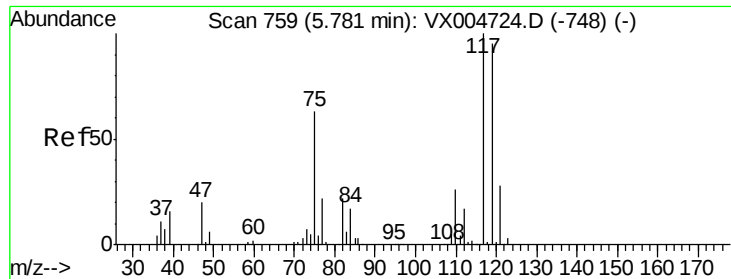
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	77.0	115.4
192	24.0	17.0	25.6



#36
 1,1-Dichloropropene
 Concen: 4.013 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX005271.D
 Acq: 11 Oct 2018 23:07

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.7	20.0	59.9#
77	0.0	27.1	40.7#

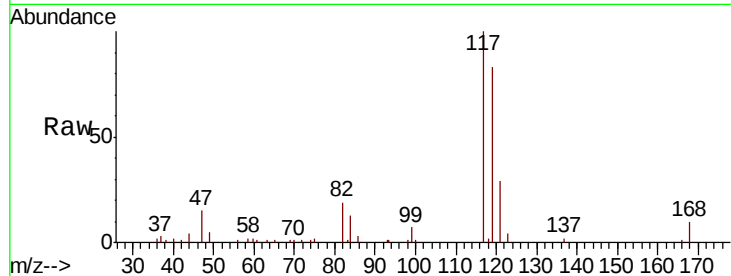




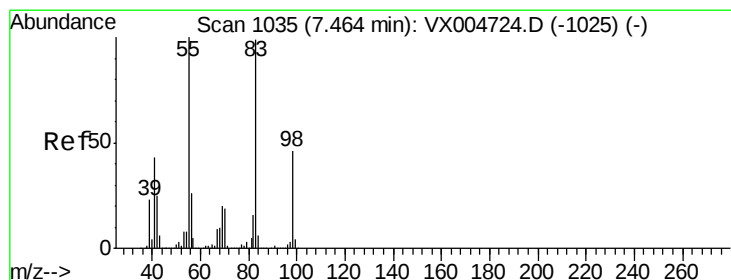
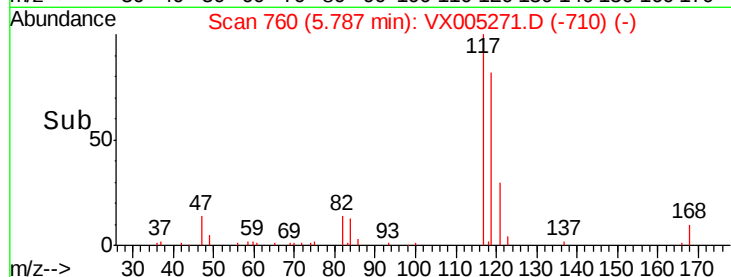
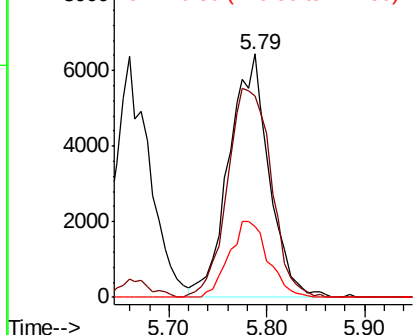
#38
Carbon Tetrachloride
Concen: 5.841 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX005271.D
Acq: 11 Oct 2018 23:07

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 18346
Ion Ratio Lower Upper
117 100
119 82.6 75.2 112.8
121 29.2 22.5 33.7

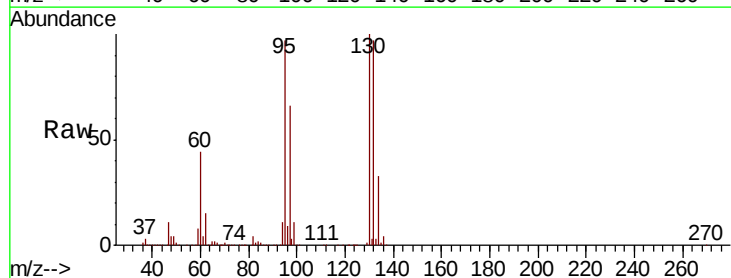


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

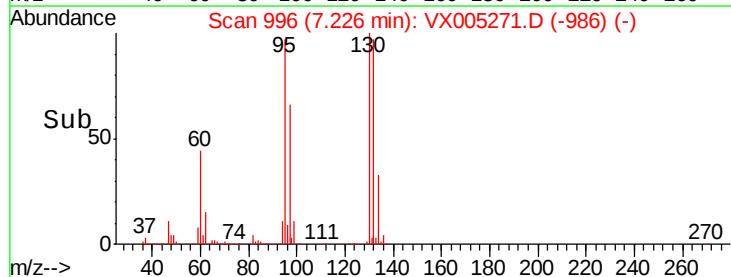
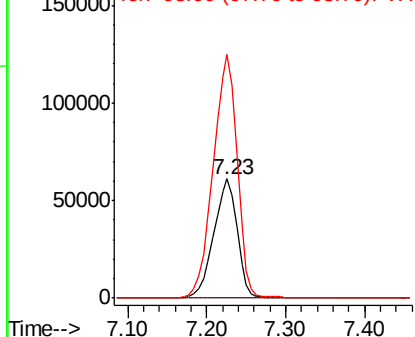


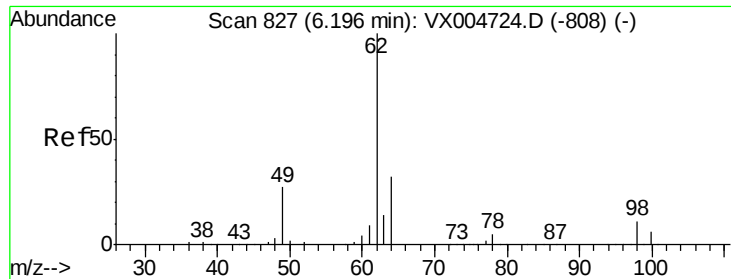
#39
Methylcyclohexane
Concen: 41.124 ug/l
RT: 7.23 min Scan# 996
Delta R.T. -0.24 min
Lab File: VX005271.D
Acq: 11 Oct 2018 23:07

Tgt Ion: 83 Resp: 125469
Ion Ratio Lower Upper
83 100
55 0.0 81.1 121.7#
98 204.3 37.3 55.9#



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

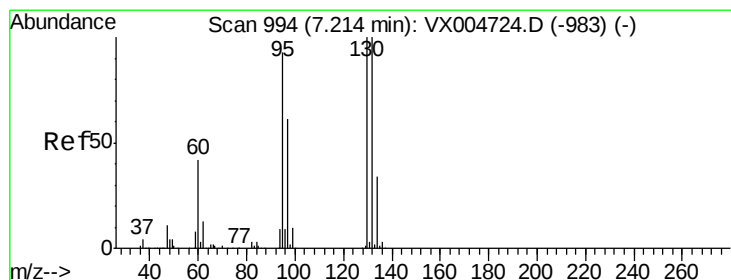
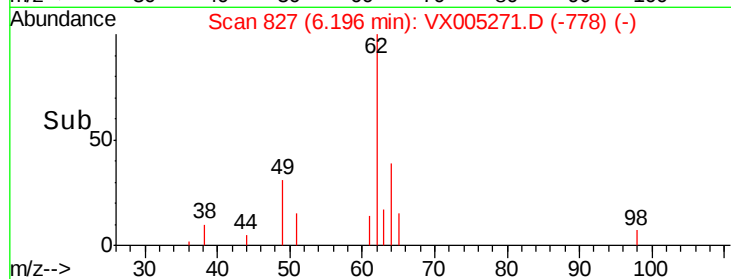
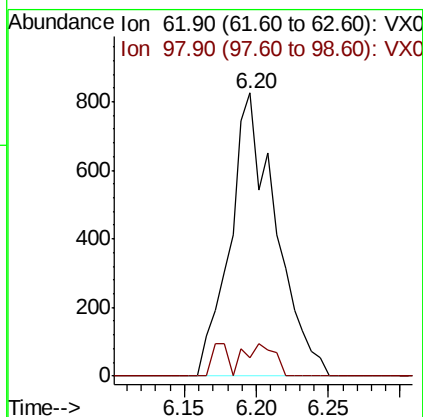
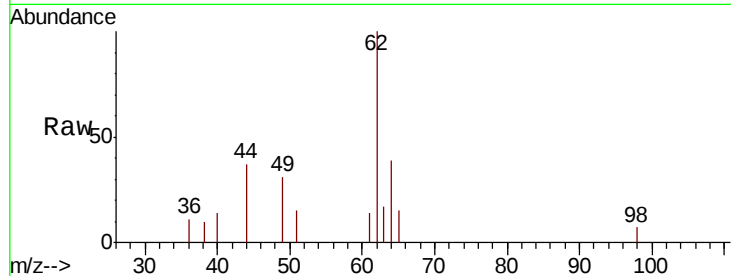




#42
1,2-Dichloroethane
Concen: 0.549 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX005271.D
Acq: 11 Oct 2018 23:07

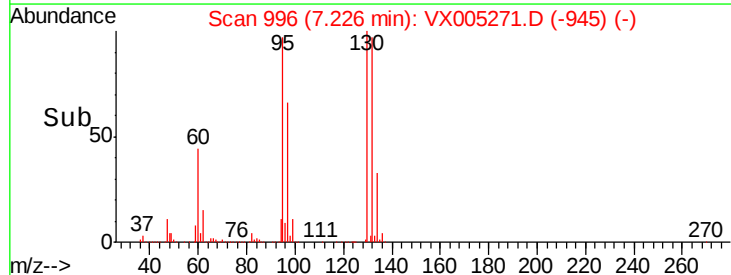
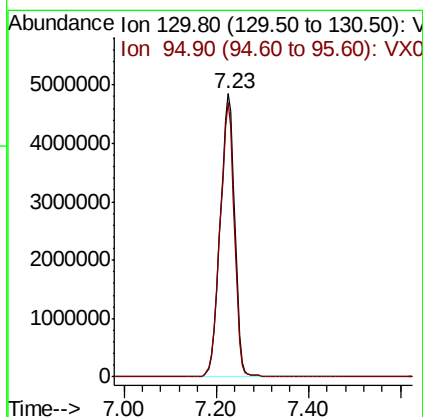
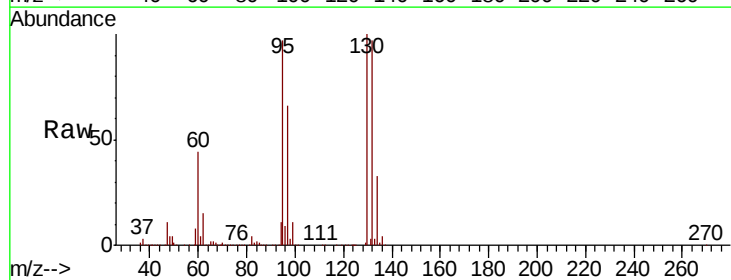
Instrument :
MSVOA_X
ClientSampleId :

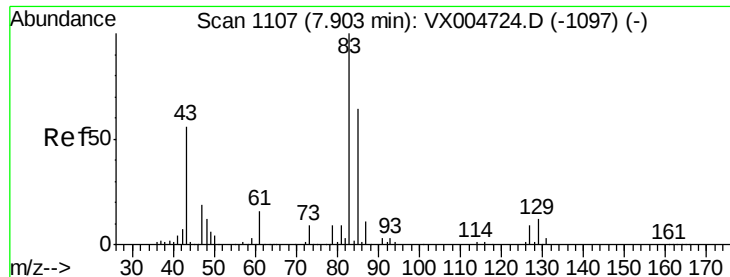
Tot Ion: 62 Resp: 1814
Ion Ratio Lower Upper
62 100
98 7.6 0.0 20.2



#44
Trichloroethene
Concen: 4595.763 ug/l
RT: 7.23 min Scan# 996
Delta R.T. 0.01 min
Lab File: VX005271.D
Acq: 11 Oct 2018 23:07

Tgt Ion:130 Resp:10568117
Ion Ratio Lower Upper
130 100
95 96.9 0.0 186.8





#47

Bromodichloromethane

Concen: 0.282 ug/l

RT: 7.91 min Scan# 1108

Delta R.T. 0.01 min

Lab File: VX005271.D

Acq: 11 Oct 2018 23:07

Instrument :

MSVOA_X

ClientSampleId :

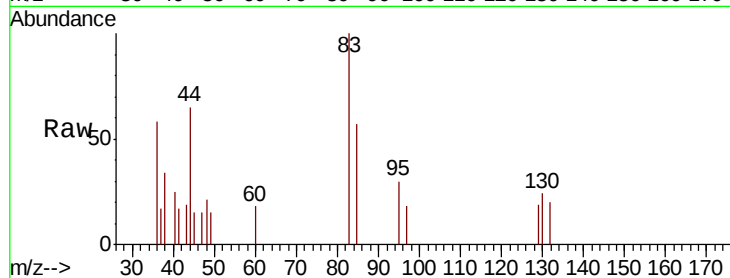
Tot Ion: 83 Resp: 762

Ion Ratio Lower Upper

83 100

85 56.8 51.2 76.8

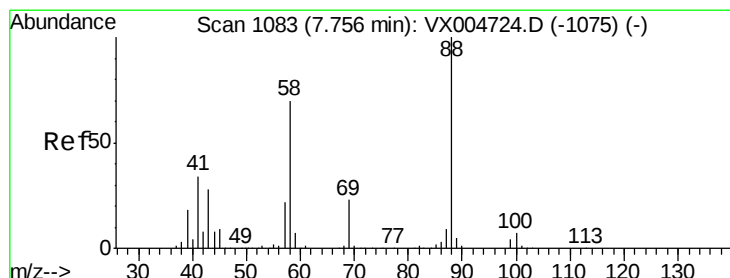
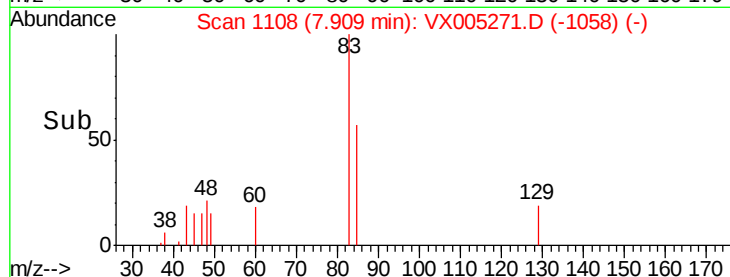
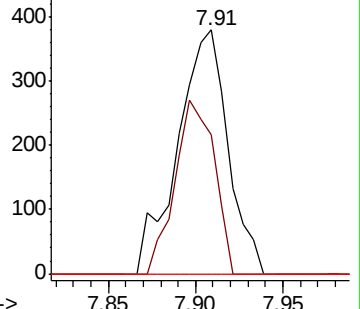
127 0.0 7.0 10.6#



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



#49

1,4-Dioxane

Concen: 21.719 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. 0.01 min

Lab File: VX005271.D

Acq: 11 Oct 2018 23:07

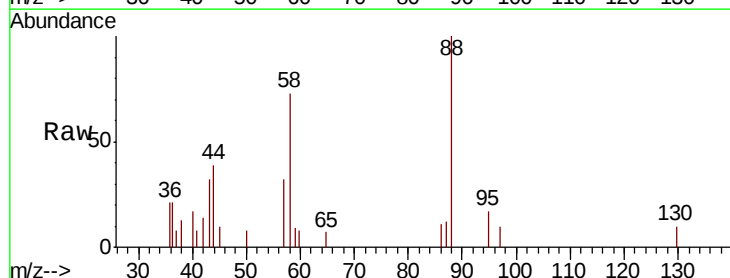
Tgt Ion: 88 Resp: 1402

Ion Ratio Lower Upper

88 100

43 43.7 25.1 37.7#

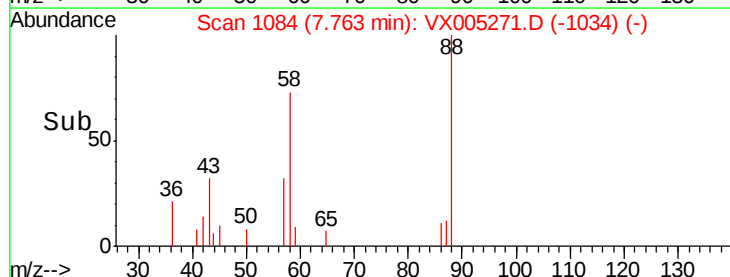
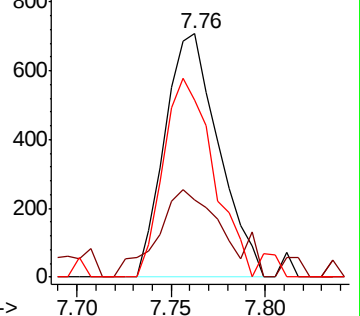
58 76.0 56.2 84.2

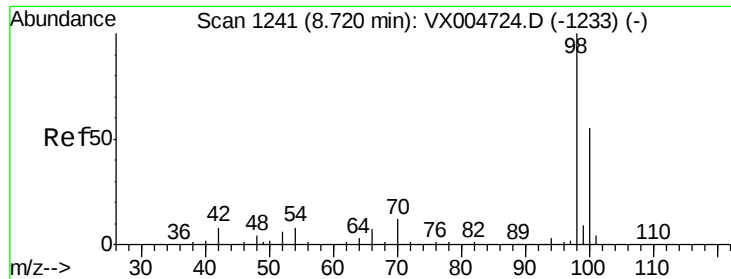


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

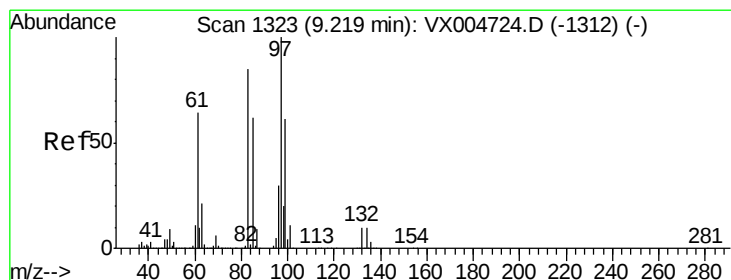
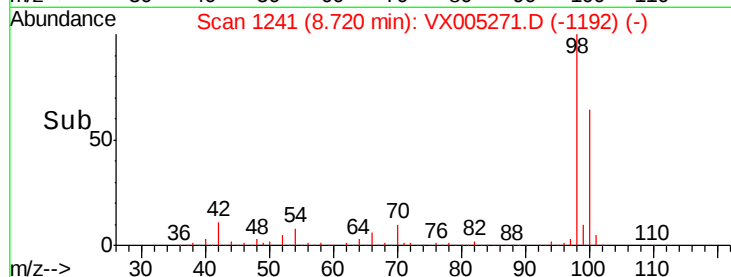
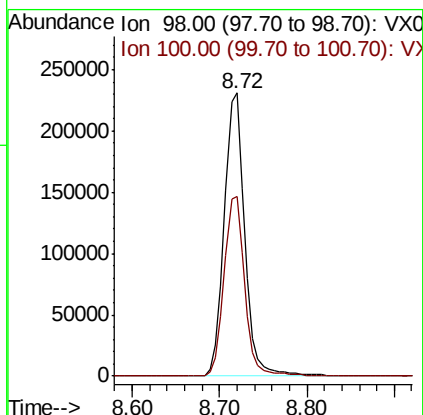
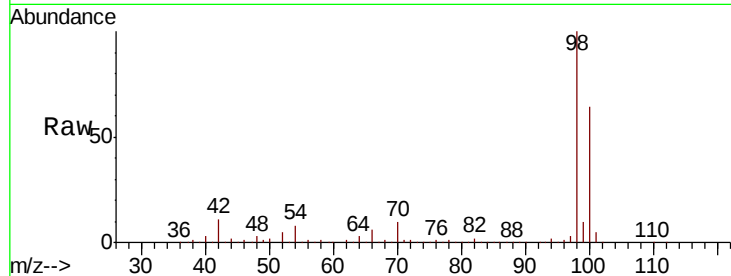




#50
Toluene-d8
Concen: 51.662 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX005271.D
Acq: 11 Oct 2018 23:07

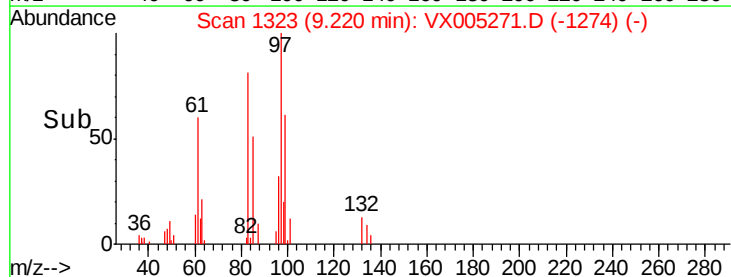
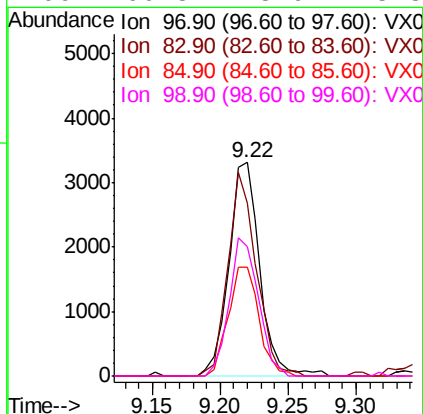
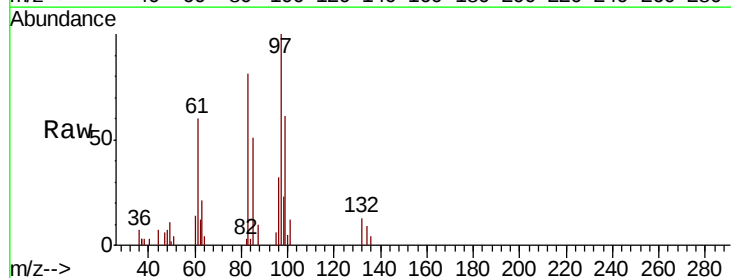
Instrument :
MSVOA_X
ClientSampled :

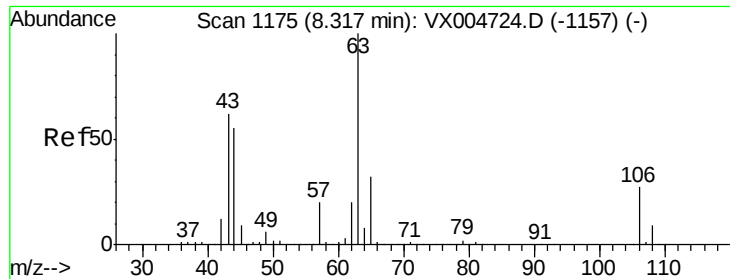
Tot Ion: 98 Resp: 376121
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9



#55
1,1,2-Trichloroethane
Concen: 2.318 ug/l
RT: 9.22 min Scan# 1323
Delta R.T. 0.00 min
Lab File: VX005271.D
Acq: 11 Oct 2018 23:07

Tgt Ion: 97 Resp: 5220
Ion Ratio Lower Upper
97 100
83 80.8 68.2 102.2
85 51.0 49.9 74.9
99 60.8 48.9 73.3

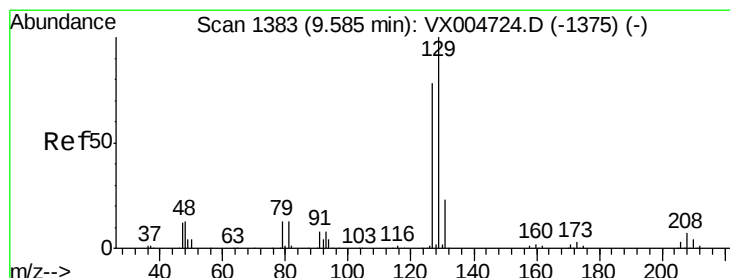
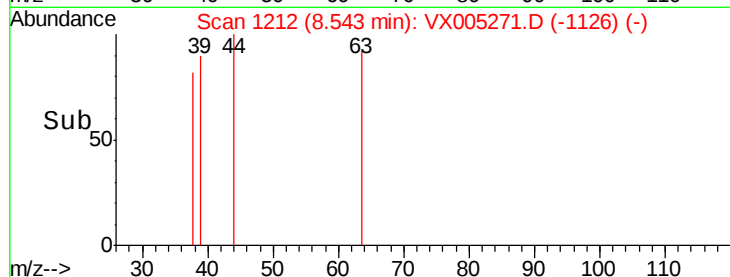
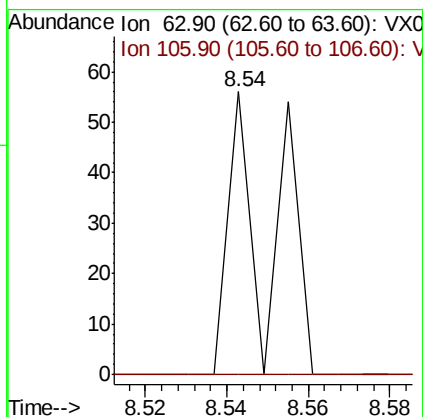
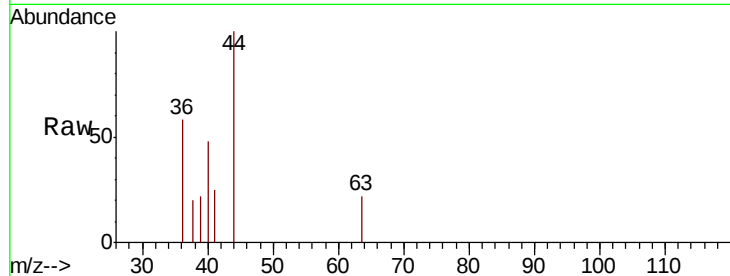




#58
2-Chloroethyl Vinyl ether
Concen: 14.262 ug/l
RT: 8.54 min Scan# 1212
Delta R.T. 0.23 min
Lab File: VX005271.D
Acq: 11 Oct 2018 23:07

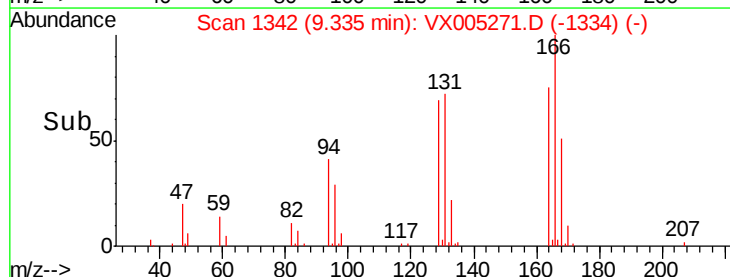
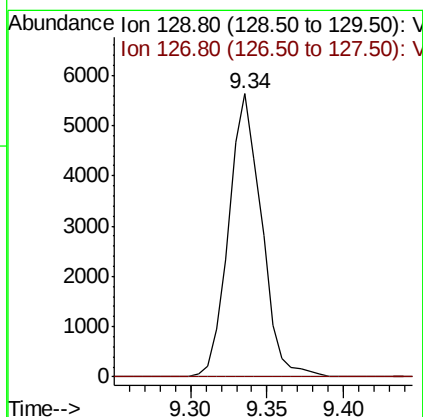
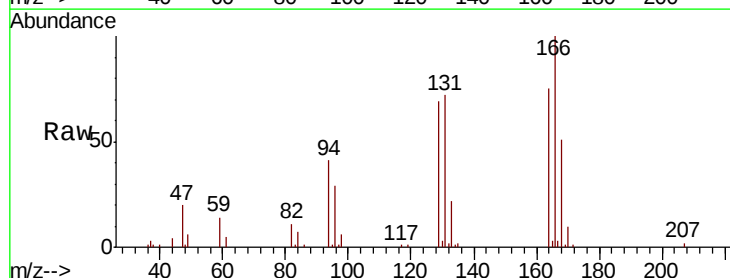
Instrument :
MSVOA_X
ClientSampleId :

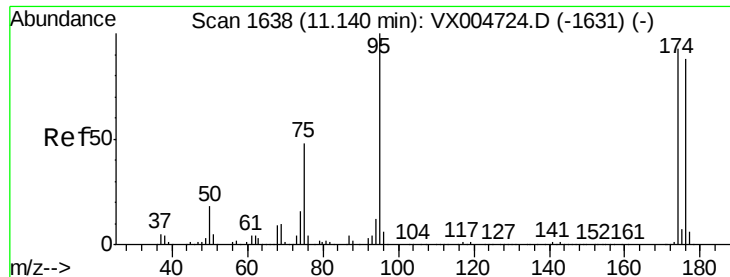
Tot Ion: 63 Resp: 40
Ion Ratio Lower Upper
63 100
106 0.0 21.0 31.6#



#60
Dibromochloromethane
Concen: 3.721 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.25 min
Lab File: VX005271.D
Acq: 11 Oct 2018 23:07

Tgt Ion: 129 Resp: 8378
Ion Ratio Lower Upper
129 100
127 0.0 39.1 117.2#

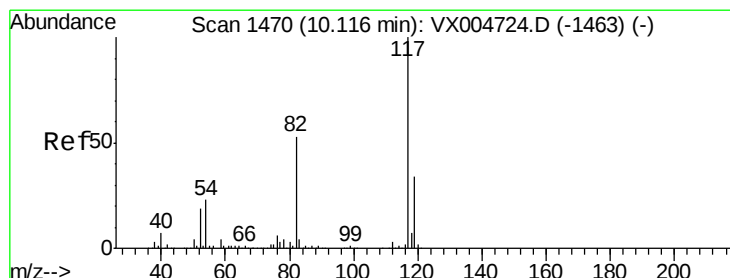
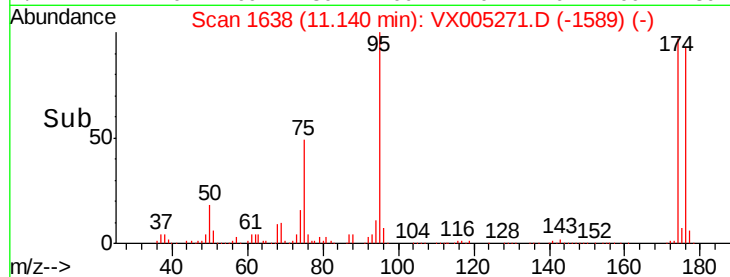
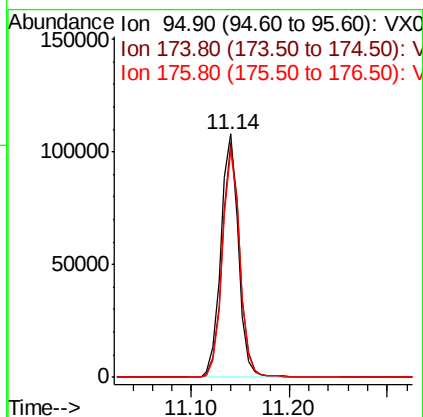
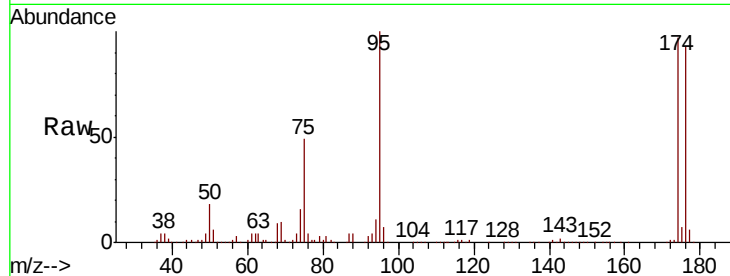




#62
4-Bromofluorobenzene
Concen: 51.266 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX005271.D
Acq: 11 Oct 2018 23:07

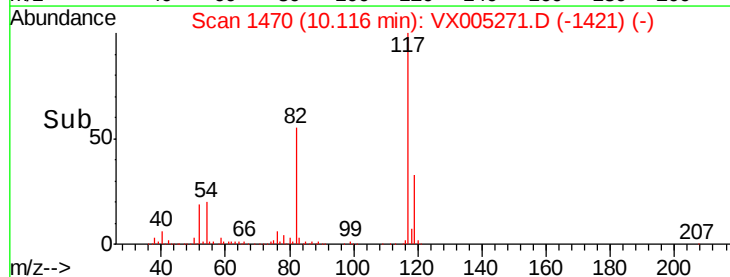
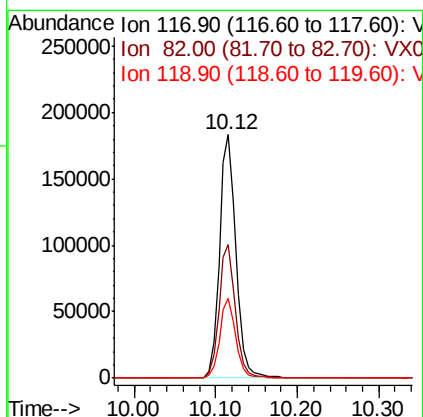
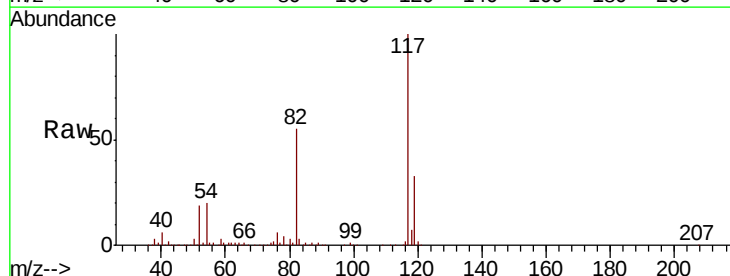
Instrument :
MSVOA_X
ClientSampled :

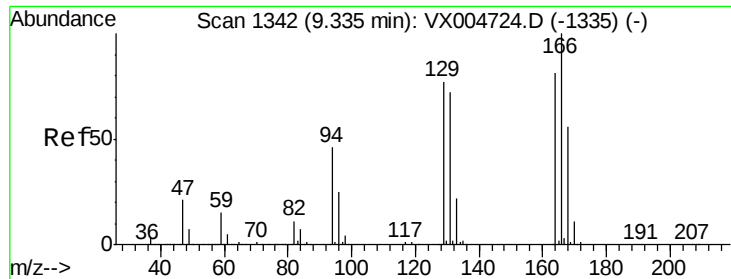
Tot Ion	Ratio	Lower	Upper
95	100		
174	96.1	0.0	185.0
176	92.8	0.0	180.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005271.D
Acq: 11 Oct 2018 23:07

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.7	42.2	63.4
119	32.9	27.4	41.0





#64

Tetrachloroethene

Concen: 3.663 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX005271.D

Acq: 11 Oct 2018 23:07

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:164 Resp: 9340

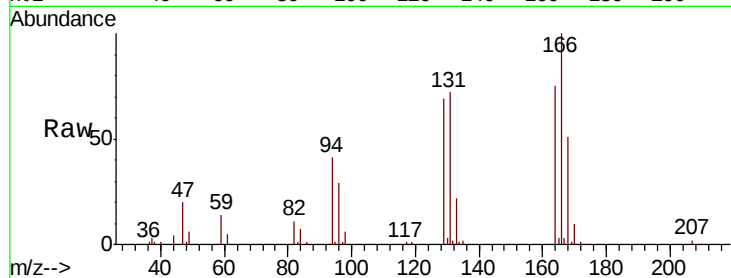
Ion Ratio Lower Upper

164 100

166 132.5 98.4 147.6

129 91.3 76.1 114.1

131 94.8 71.0 106.4



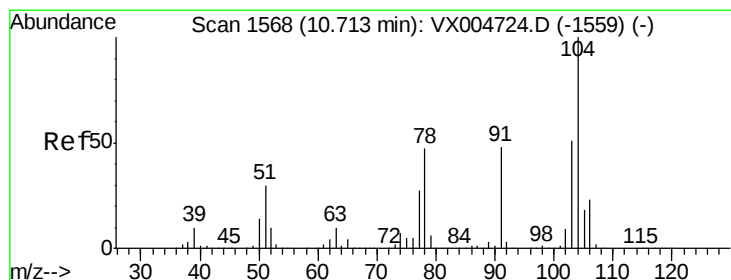
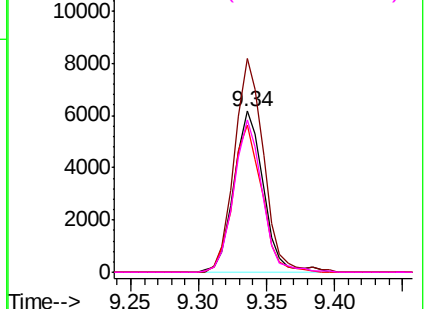
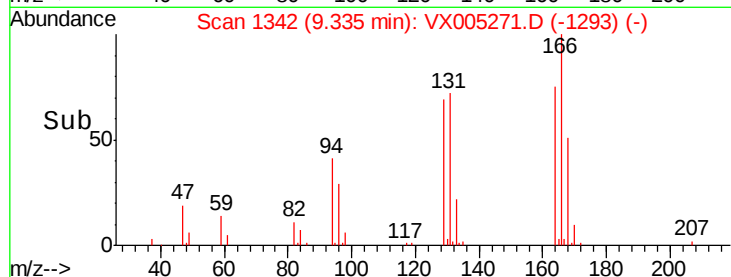
Abundance

Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#70

Styrene

Concen: 2.151 ug/l

RT: 10.71 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VX005271.D

Acq: 11 Oct 2018 23:07

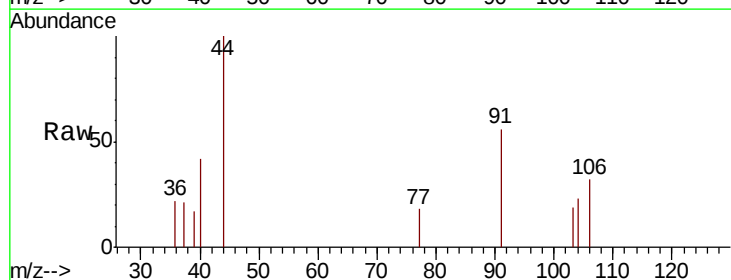
Tgt Ion:104 Resp: 75

Ion Ratio Lower Upper

104 100

78 0.0 40.0 60.0#

103 30.7 44.3 66.5#

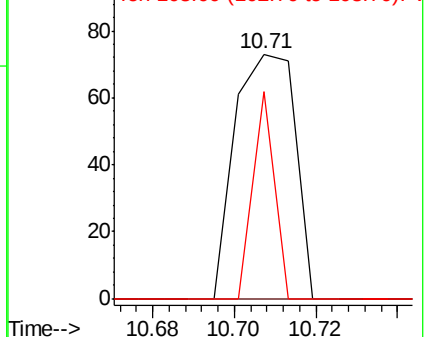
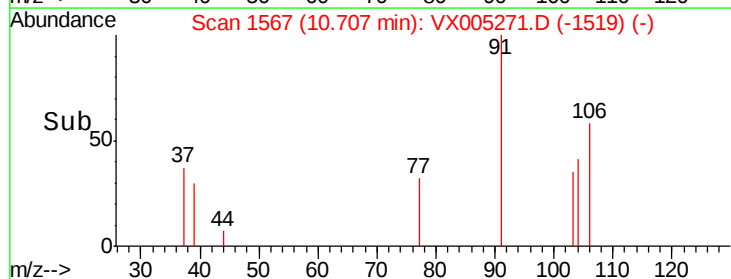


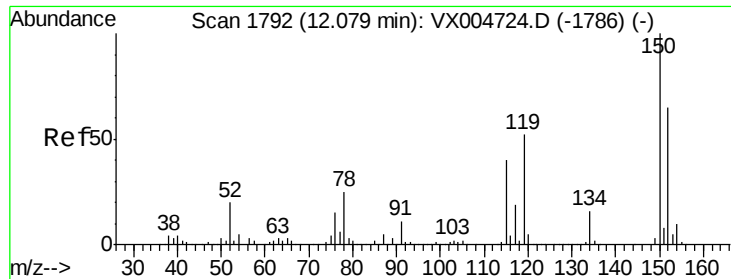
Abundance

Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): 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: VX005271.D

Acq: 11 Oct 2018 23:07

Instrument :

MSVOA_X

ClientSampleId :

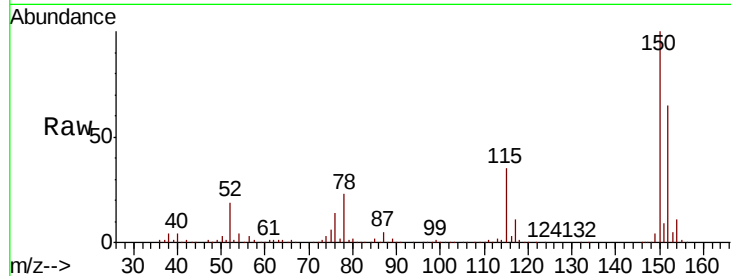
Tot Ion:152 Resp: 146641

Ion Ratio Lower Upper

152 100

115 54.4 40.2 120.6

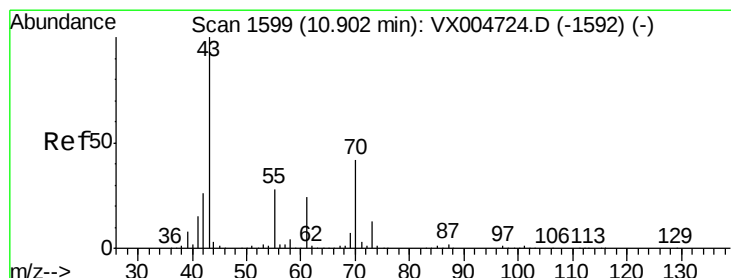
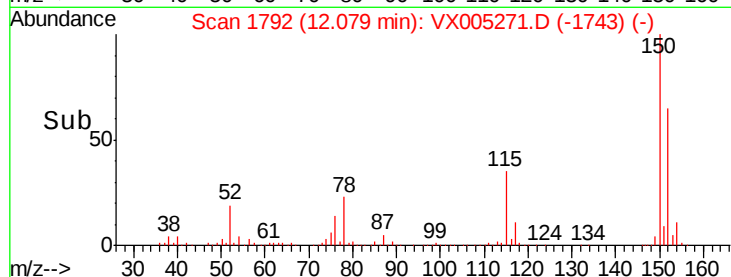
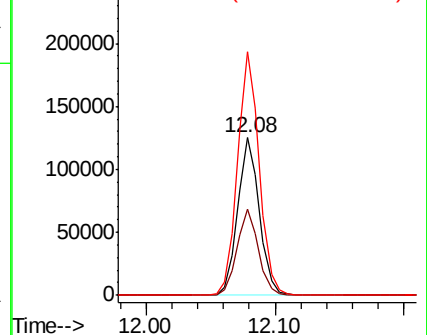
150 155.4 0.0 351.0



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-ethyl acetate

Concen: 1.768 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VX005271.D

Acq: 11 Oct 2018 23:07

Tgt Ion: 43 Resp: 107

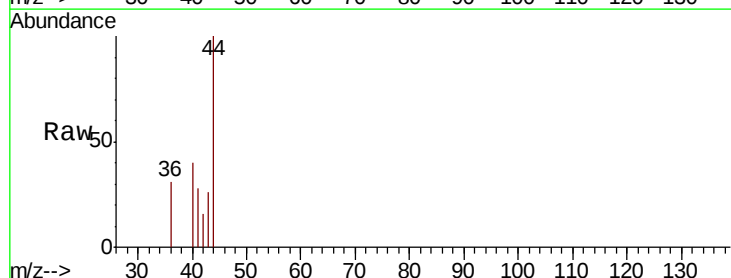
Ion Ratio Lower Upper

43 100

70 0.0 32.6 48.8#

55 0.0 21.6 32.4#

61 0.0 19.1 28.7#

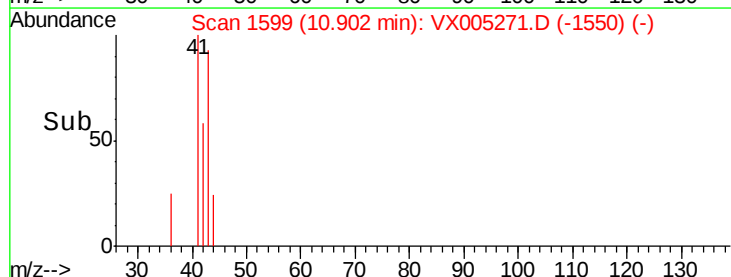
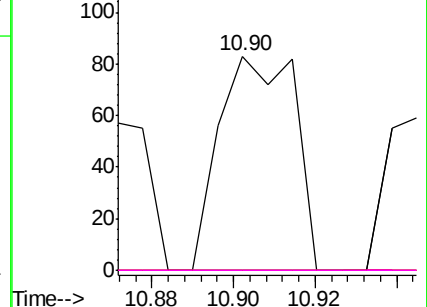


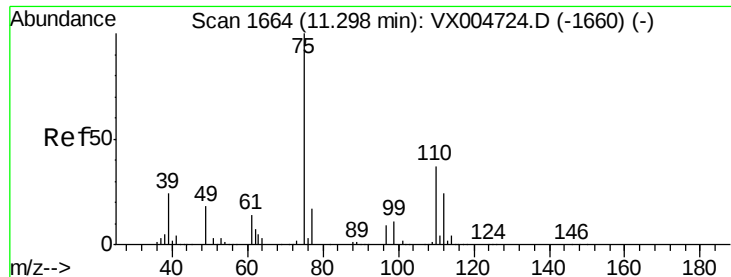
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#76

1,2,3-Trichloropropane

Concen: 20.336 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX005271.D

Acq: 11 Oct 2018 23:07

Instrument :

MSVOA_X

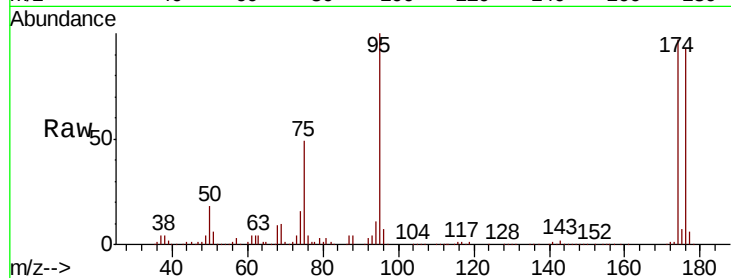
ClientSampleId :

Tot Ion: 75 Resp: 66839

Ion Ratio Lower Upper

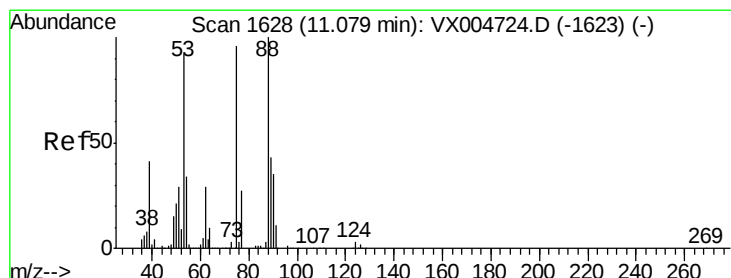
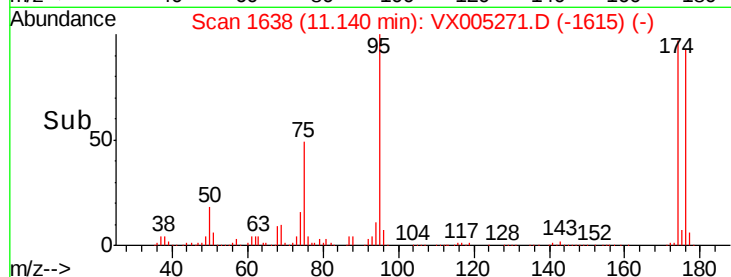
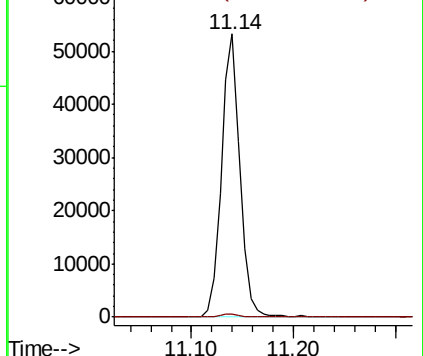
75 100

77 1.3 21.4 64.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#81

trans-1,4-Dichloro-2-butene

Concen: 55.246 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.06 min

Lab File: VX005271.D

Acq: 11 Oct 2018 23:07

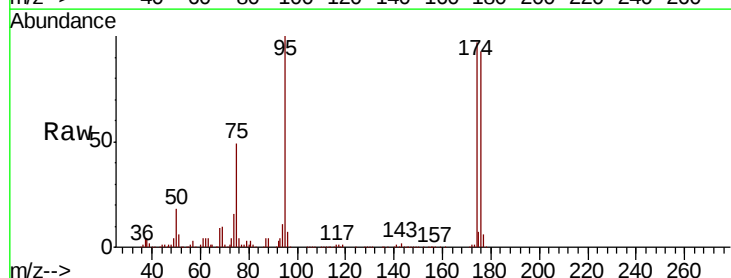
Tgt Ion: 75 Resp: 66839

Ion Ratio Lower Upper

75 100

53 0.3 80.2 120.4#

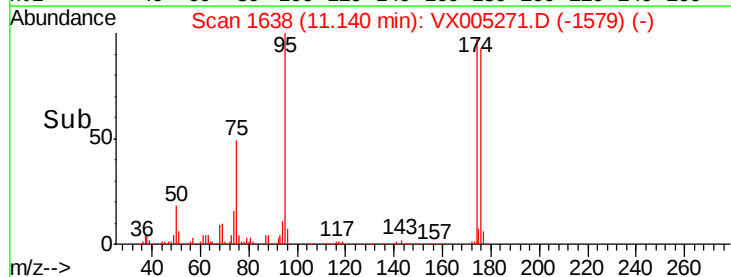
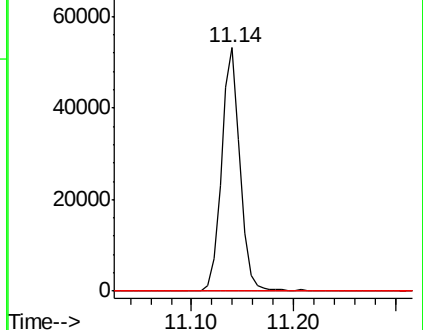
89 0.0 37.1 55.7#

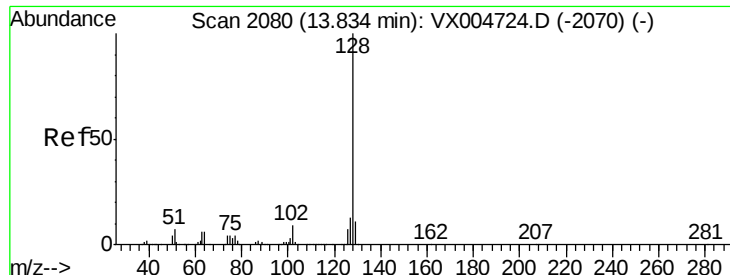


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#95

Naphthalene

Concen: 0.739 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

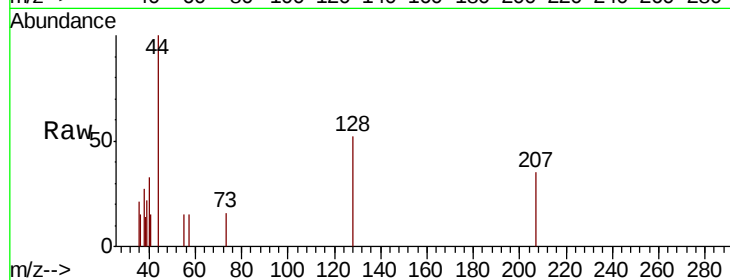
Lab File: VX005271.D

Acq: 11 Oct 2018 23:07

Instrument :

MSVOA_X

ClientSampleId :



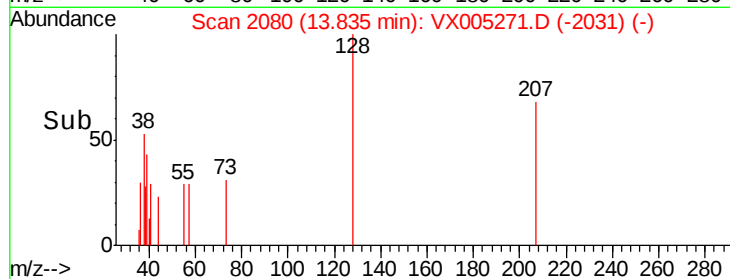
Tot Ion:128 Resp: 246

Ion Ratio Lower Upper

128 100

127 0.0 10.4 15.6#

129 0.0 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

