

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080519\
 Data File : VX011326.D
 Acq On : 05 Aug 2019 15:17
 Operator : JC/SP
 Sample : K4129-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 06 02:38:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	184294	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	266576	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	243122	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	108197	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	86734	46.73	ug/l	0.00
Spiked Amount			Recovery	=	93.46%	
35) Dibromofluoromethane	5.48	113	81136	46.62	ug/l	-0.01
Spiked Amount			Recovery	=	93.24%	
50) Toluene-d8	8.71	98	314064	47.81	ug/l	0.00
Spiked Amount			Recovery	=	95.62%	
62) 4-Bromofluorobenzene	11.13	95	101236	43.16	ug/l	0.00
Spiked Amount			Recovery	=	86.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	545	0.435	ug/l #	48
6) Chloroethane	1.70	64	159	Below Cal	#	75
8) Diethyl Ether	2.18	74	1670	1.496	ug/l	93
10) Methyl Iodide	2.52	142	731	0.343	ug/l	99
11) Tert butyl alcohol	3.01	59	2743	7.434	ug/l #	78
13) Acrolein	2.29	56	158	0.265	ug/l #	3
15) Acrylonitrile	3.15	53	515	0.583	ug/l #	69
16) Acetone	2.43	43	11819	13.379	ug/l	95
17) Carbon Disulfide	2.57	76	1096	0.279	ug/l	98
18) Methyl Acetate	2.76	43	1081	0.535	ug/l	97
20) Methylene Chloride	2.85	84	4268	2.206	ug/l	95
25) 2-Butanone	4.65	43	891	0.709	ug/l	96
29) Tetrahydrofuran	5.10	42	246	0.319	ug/l #	53
31) Cyclohexane	5.64	56	3734	1.562	ug/l #	35
36) 1,1-Dichloropropene	5.65	75	11891	5.109	ug/l #	51
38) Carbon Tetrachloride	5.65	117	17004	7.262	ug/l #	16
43) Isopropyl Acetate	6.43	43	8007	2.145	ug/l	96
48) Methyl methacrylate	7.66	41	3570	2.032	ug/l #	11
49) 1,4-Dioxane	7.74	88	19	0.373	ug/l #	29
51) 4-Methyl-2-Pentanone	8.61	43	40620	16.863	ug/l #	49
53) t-1,3-Dichloropropene	9.04	75	219	2.918	ug/l #	55
54) cis-1,3-Dichloropropene	8.61	75	20250	7.798	ug/l #	65
57) 1,3-Dichloropropane	9.54	76	4527	1.516	ug/l #	44
59) 2-Hexanone	9.43	43	5871	3.147	ug/l #	23
65) Chlorobenzene	10.13	112	1367	0.262	ug/l #	84
68) m/p-Xylenes	10.36	106	707	0.209	ug/l #	72
76) 1,2,3-Trichloropropane	11.13	75	49639	25.192	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.13	75	49639	65.707	ug/l #	10
87) 1,3-Dichlorobenzene	12.02	146	750	0.207	ug/l	90
88) 1,4-Dichlorobenzene	12.02	146	750	0.201	ug/l	91
93) 1,2,4-Trichlorobenzene	13.65	180	744	0.308	ug/l	96
94) Hexachlorobutadiene	13.78	225	267	0.218	ug/l	88
96) 1,2,3-Trichlorobenzene	14.02	180	648	0.264	ug/l	92

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QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration

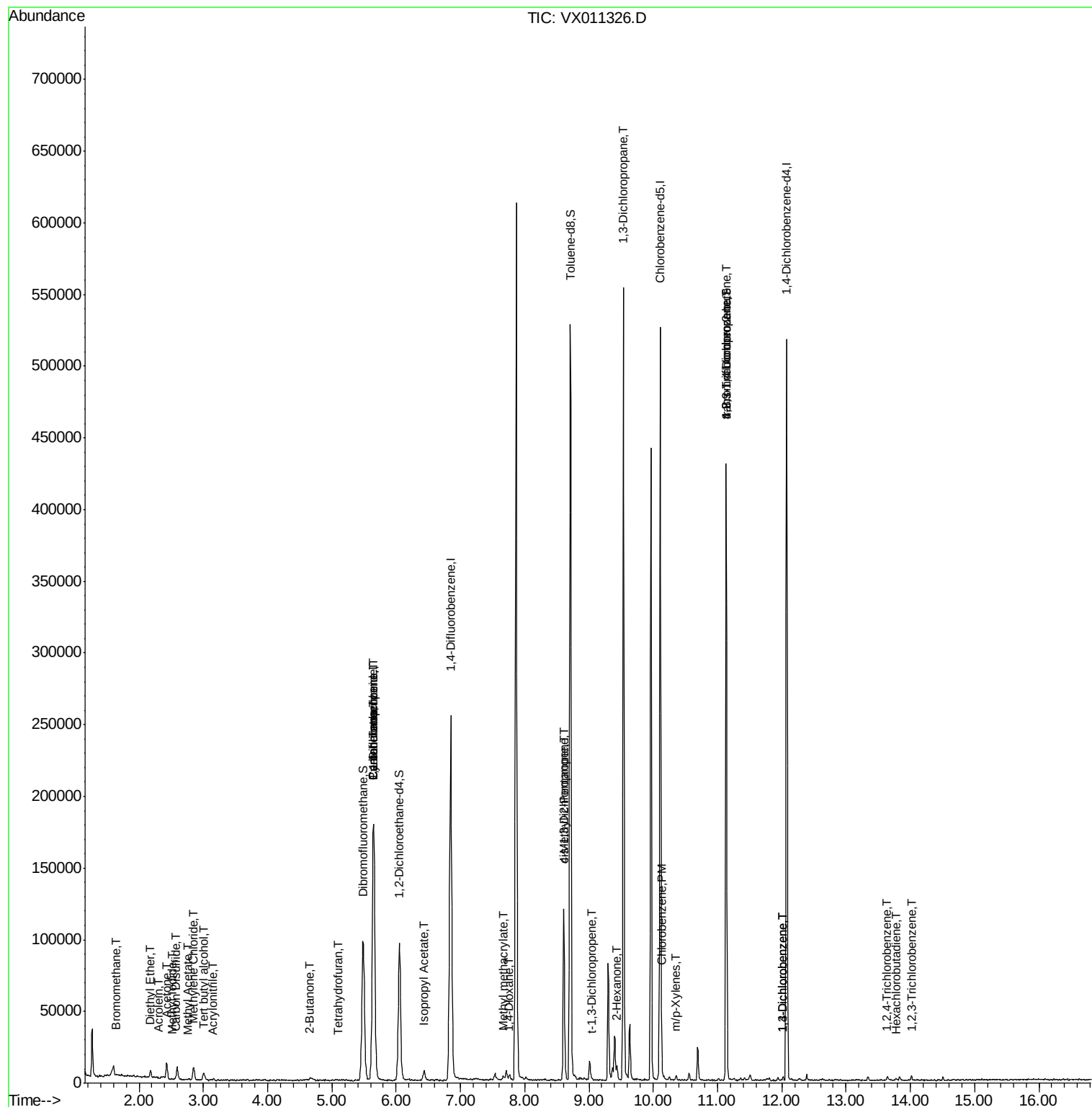
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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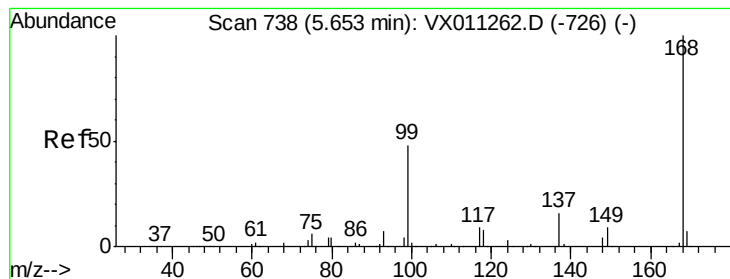
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 737

Delta R.T. -0.01 min

Lab File: VX011326.D

Acq: 05 Aug 2019 15:17

Instrument :

MSVOA_X

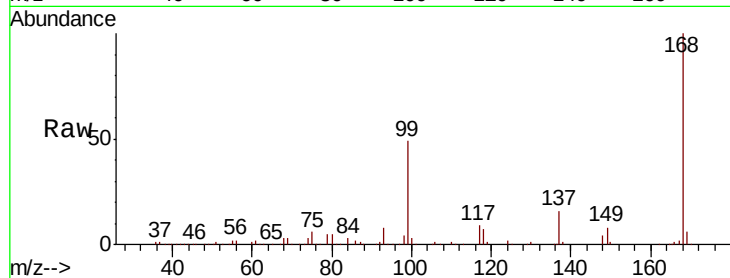
ClientSampleId :

Tot Ion:168 Resp: 184294

Ion Ratio Lower Upper

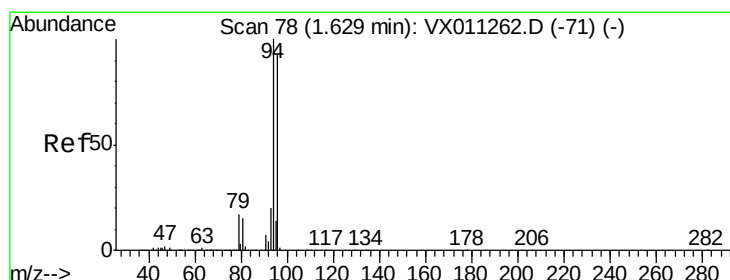
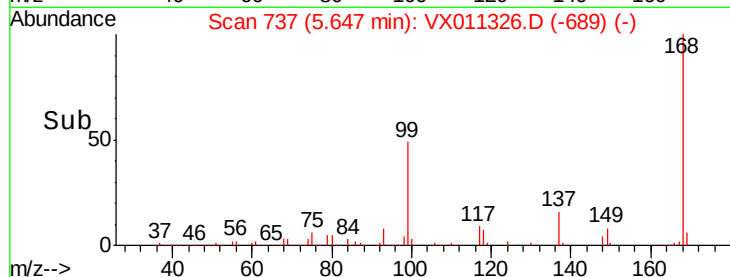
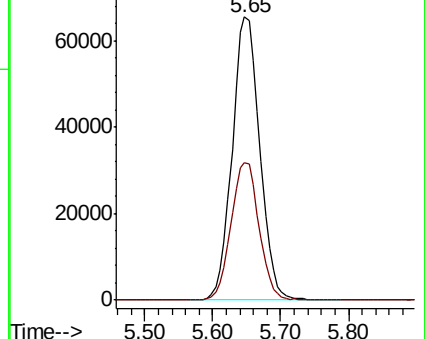
168 100

99 48.6 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: 0.435 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX011326.D

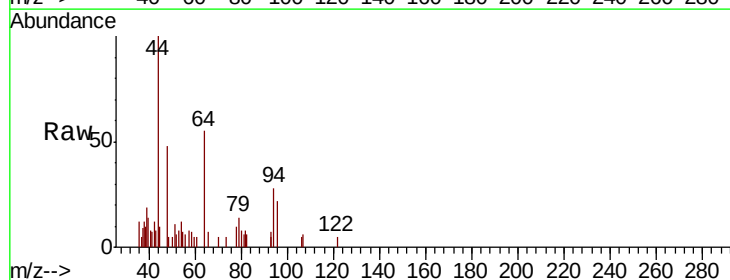
Acq: 05 Aug 2019 15:17

Tgt Ion: 94 Resp: 545

Ion Ratio Lower Upper

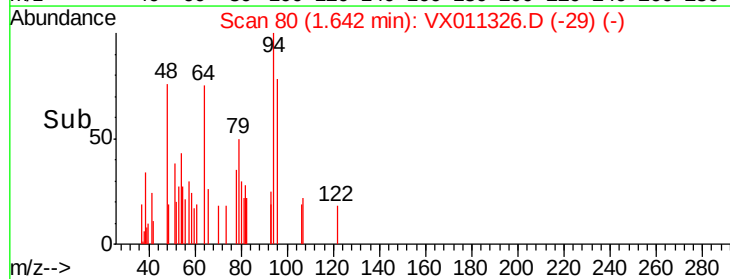
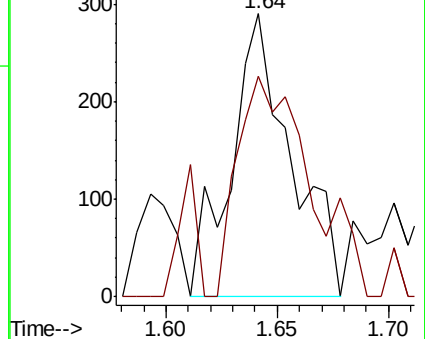
94 100

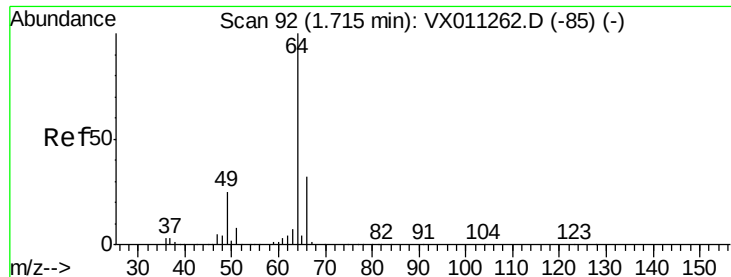
96 43.1 74.6 112.0#



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# 89

Delta R.T. -0.02 min

Lab File: VX011326.D

Acq: 05 Aug 2019 15:17

Instrument :

MSVOA_X

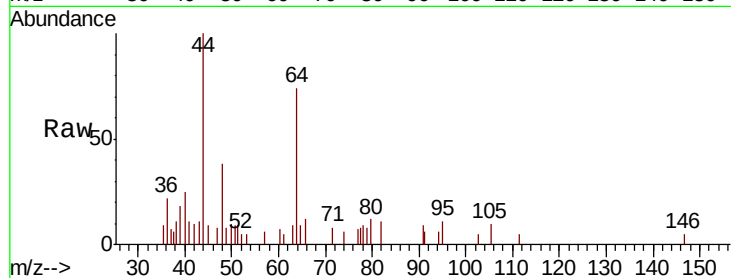
ClientSampled :

Tot Ion: 64 Resp: 159

Ion Ratio Lower Upper

64 100

66 45.2 25.1 37.7#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.70

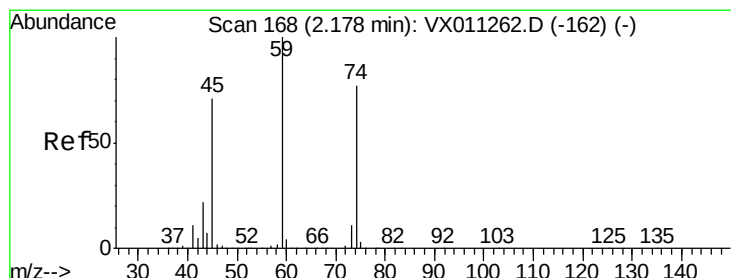
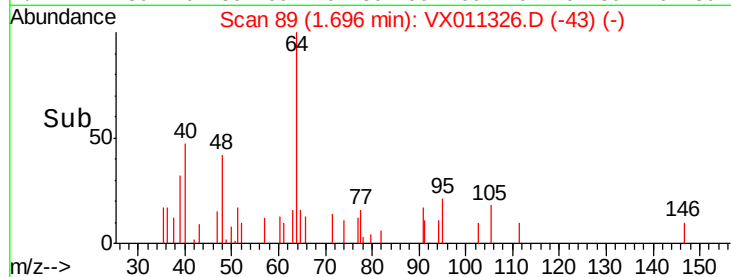
600

Time-->

400

200

0



#8

Diethyl Ether

Concen: 1.496 ug/l

RT: 2.18 min Scan# 169

Delta R.T. 0.01 min

Lab File: VX011326.D

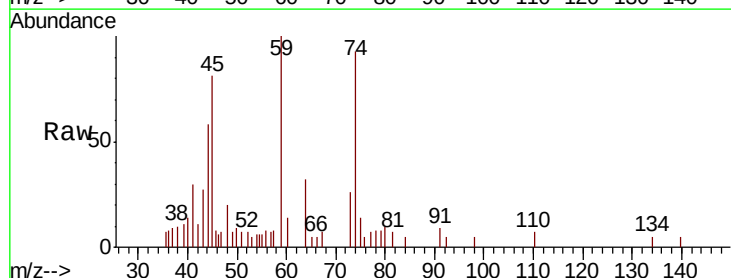
Acq: 05 Aug 2019 15:17

Tgt Ion: 74 Resp: 1670

Ion Ratio Lower Upper

74 100

45 99.3 46.1 138.3



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

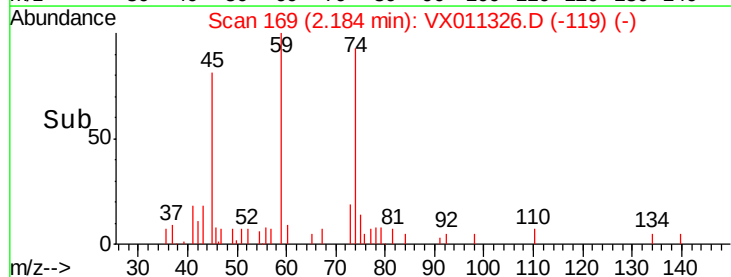
2.18

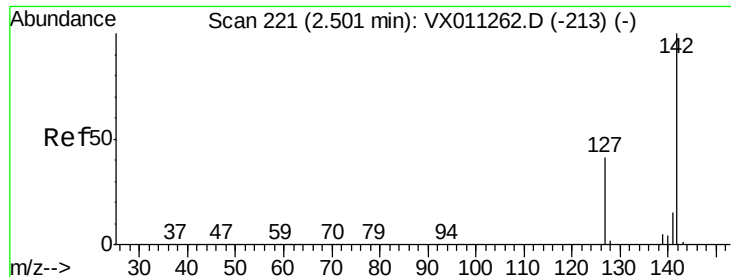
1000

Time-->

500

0

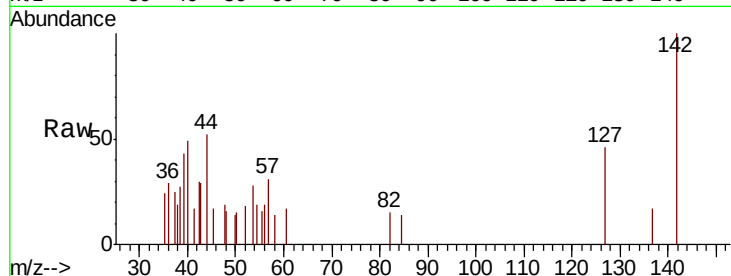




#10
Methvl Iodide
Concen: 0.343 ug/l
RT: 2.52 min Scan# 224
Delta R.T. 0.02 min
Lab File: VX011326.D
Acq: 05 Aug 2019 15:17

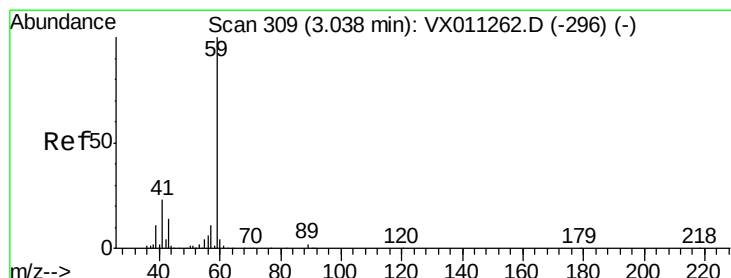
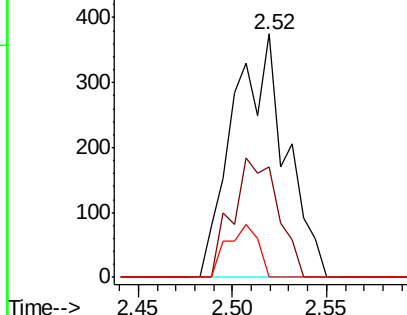
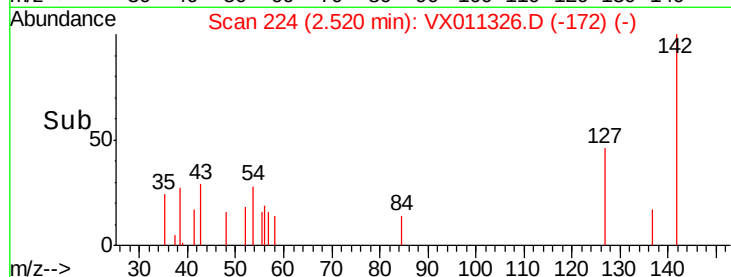
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:142 Resp: 731
Ion Ratio Lower Upper
142 100
127 42.0 33.8 50.8
141 12.9 11.4 17.2



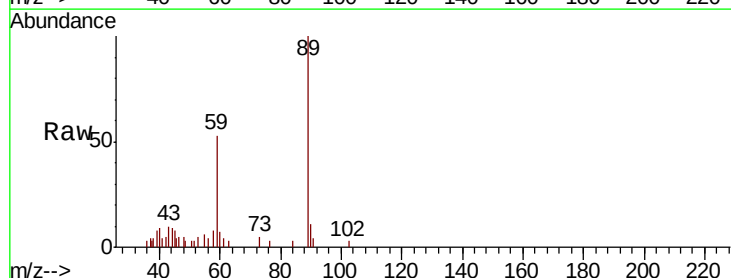
Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

2.52



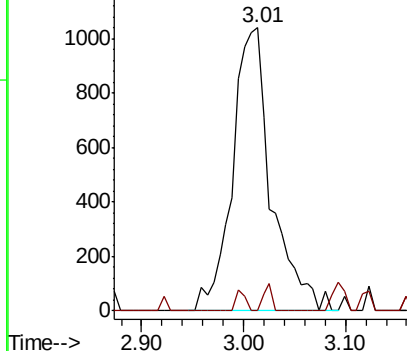
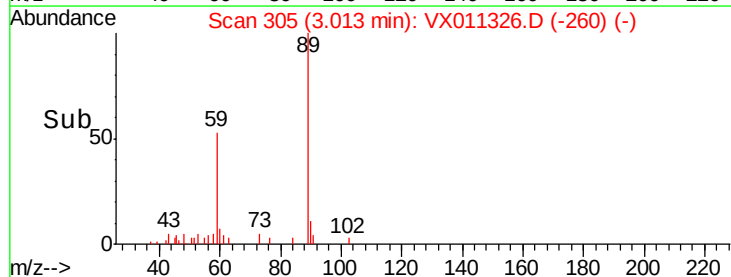
#11
Tert butyl alcohol
Concen: 7.434 ug/l
RT: 3.01 min Scan# 305
Delta R.T. -0.02 min
Lab File: VX011326.D
Acq: 05 Aug 2019 15:17

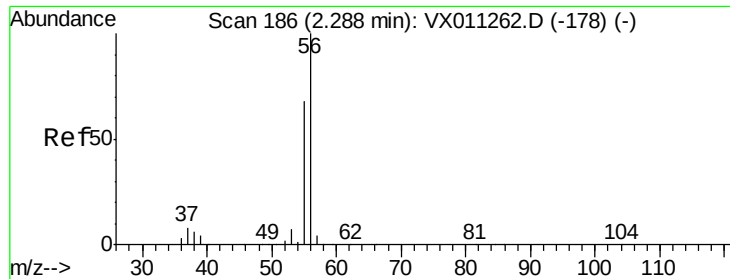
Tgt Ion: 59 Resp: 2743
Ion Ratio Lower Upper
59 100
57 2.2 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0

3.01





#13

Acrolein

Concen: 0.265 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX011326.D

Acq: 05 Aug 2019 15:17

Instrument :

MSVOA_X

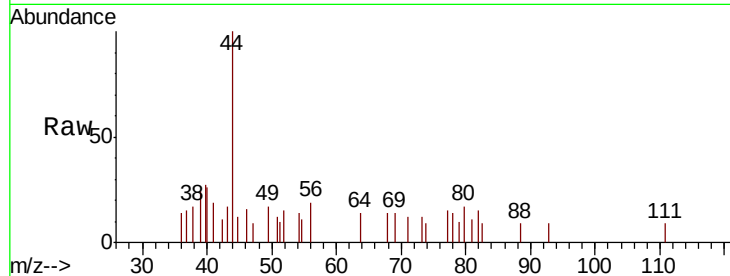
ClientSampled :

Tot Ion: 56 Resp: 158

Ion Ratio Lower Upper

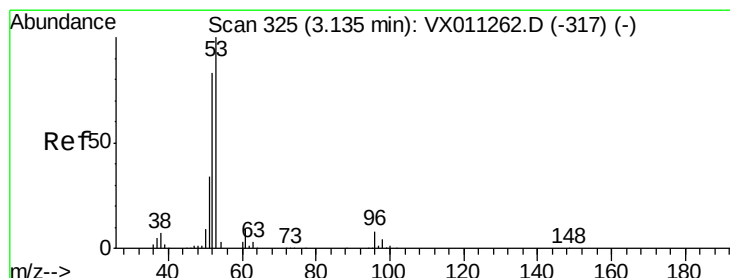
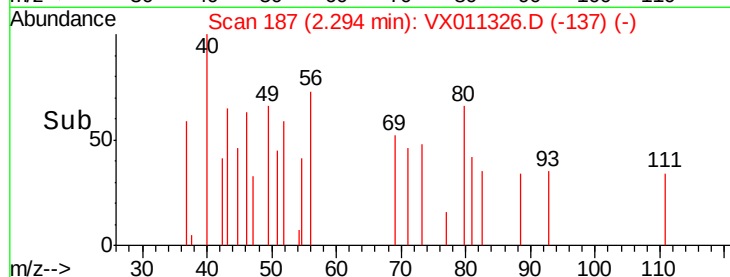
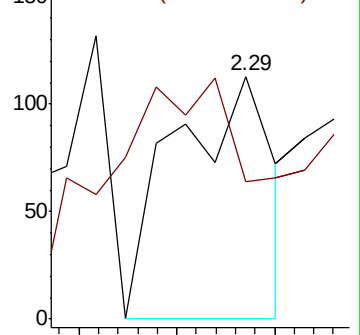
56 100

55 149.4 56.0 84.0#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#15

Acrylonitrile

Concen: 0.583 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.01 min

Lab File: VX011326.D

Acq: 05 Aug 2019 15:17

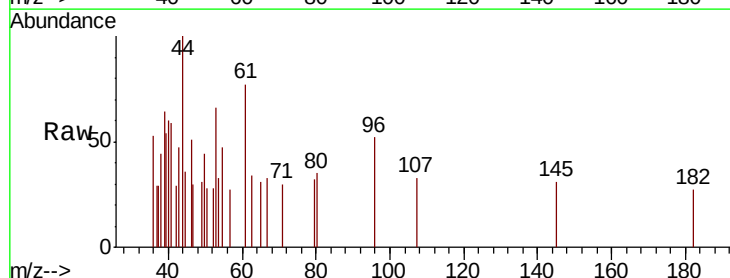
Tgt Ion: 53 Resp: 515

Ion Ratio Lower Upper

53 100

52 55.3 65.5 98.3#

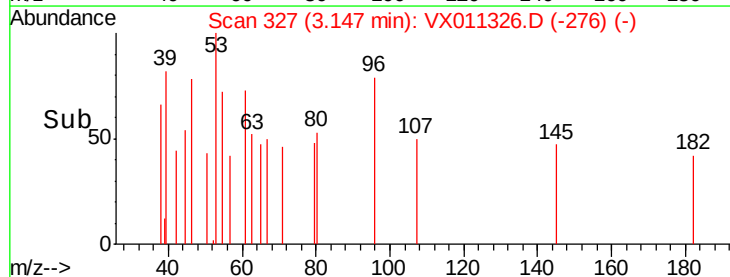
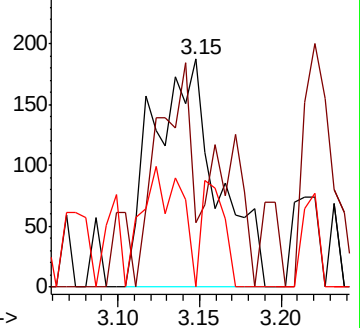
51 15.9 27.9 41.9#

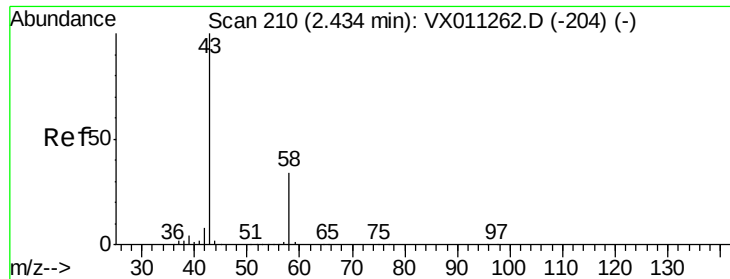


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#16

Acetone

Concen: 13.379 ug/l

RT: 2.43 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX011326.D

Acq: 05 Aug 2019 15:17

Instrument :

MSVOA_X

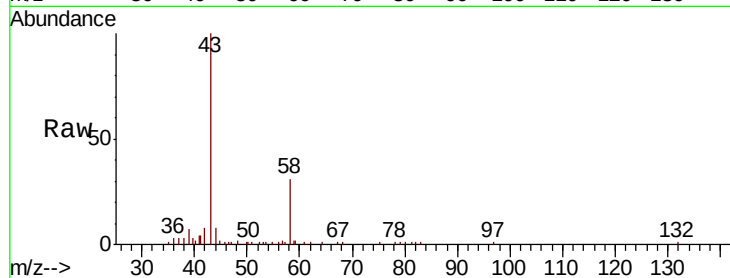
ClientSampleId :

Tot Ion: 43 Resp: 11819

Ion Ratio Lower Upper

43 100

58 31.4 27.4 41.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8000

6000

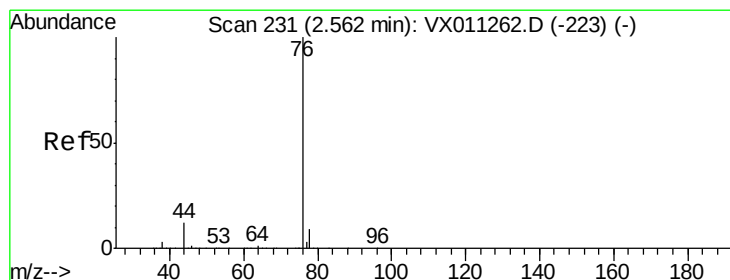
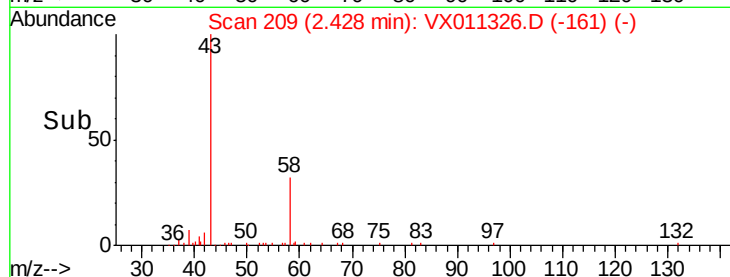
4000

2000

0

2.35 2.40 2.45 2.50 2.55

Time-->



#17

Carbon Disulfide

Concen: 0.279 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.01 min

Lab File: VX011326.D

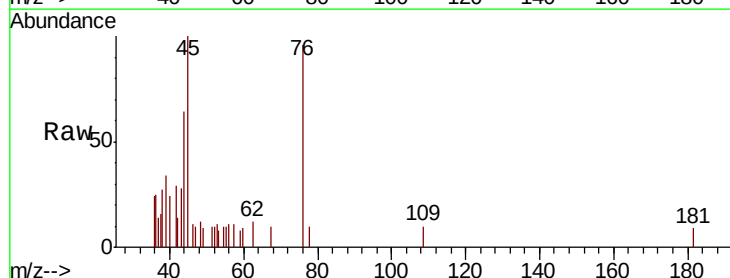
Acq: 05 Aug 2019 15:17

Tgt Ion: 76 Resp: 1096

Ion Ratio Lower Upper

76 100

78 10.1 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

600

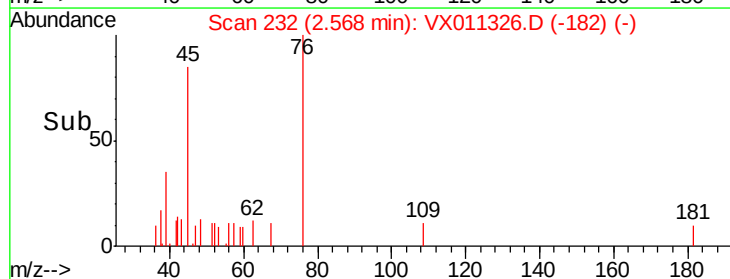
400

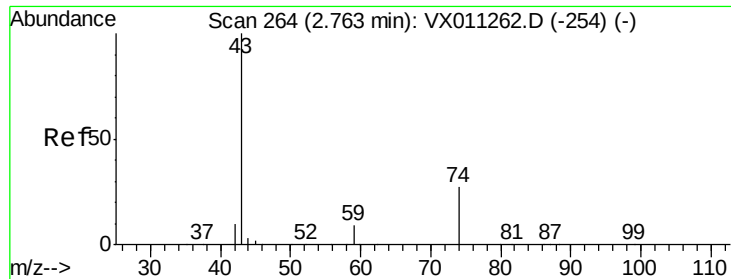
200

0

2.50 2.55 2.60

Time-->

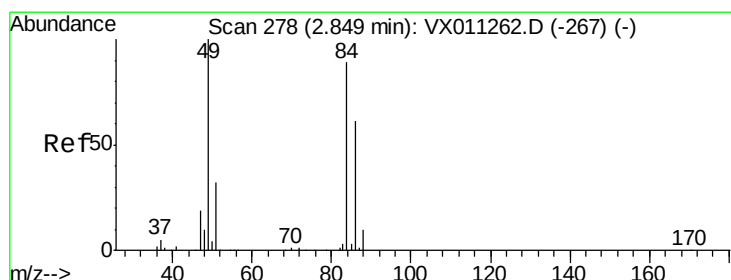
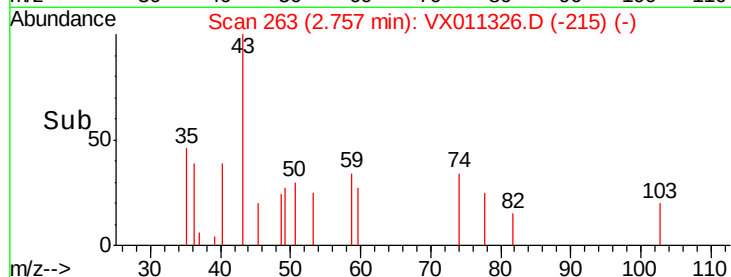
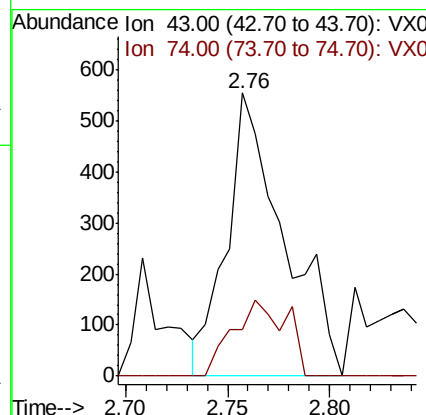
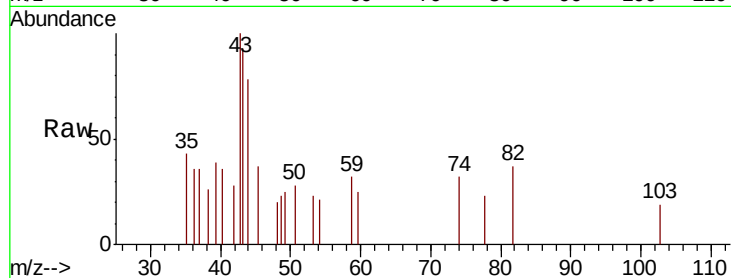




#18
Methyl Acetate
Concen: 0.535 ug/l
RT: 2.76 min Scan# 263
Delta R.T. -0.01 min
Lab File: VX011326.D
Acq: 05 Aug 2019 15:17

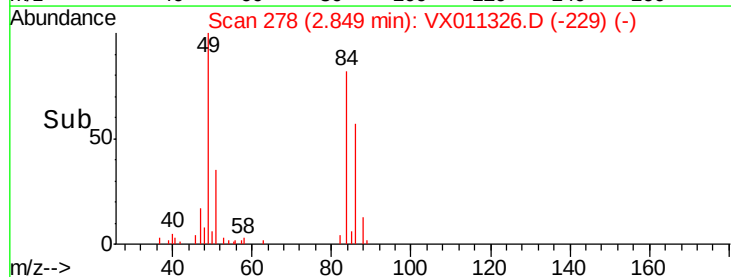
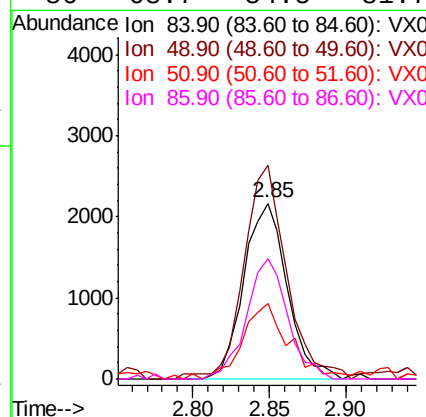
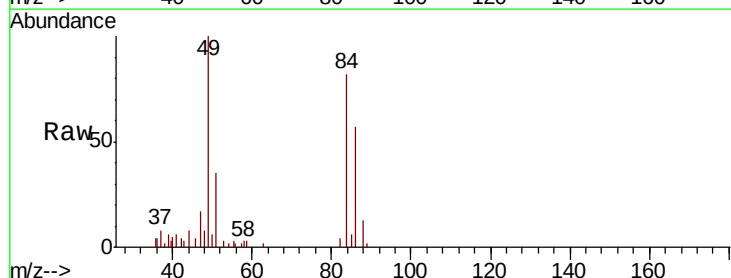
Instrument :
MSVOA_X
ClientSampled :

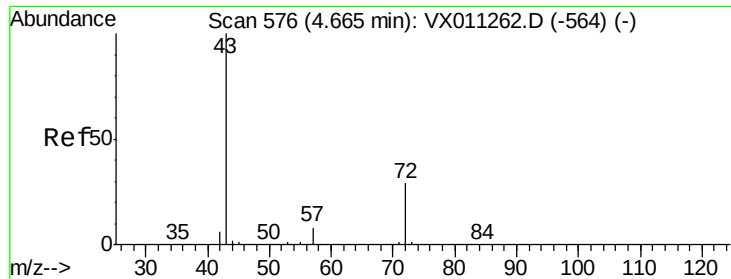
Tot Ion: 43 Resp: 1081
Ion Ratio Lower Upper
43 100
74 24.8 21.0 31.6



#20
Methylene Chloride
Concen: 2.206 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011326.D
Acq: 05 Aug 2019 15:17

Tgt Ion: 84 Resp: 4268
Ion Ratio Lower Upper
84 100
49 118.9 89.3 133.9
51 39.8 28.3 42.5
86 68.7 54.5 81.7





#25

2-Butanone

Concen: 0.709 ug/l

RT: 4.65 min Scan# 574

Delta R.T. -0.01 min

Lab File: VX011326.D

Acq: 05 Aug 2019 15:17

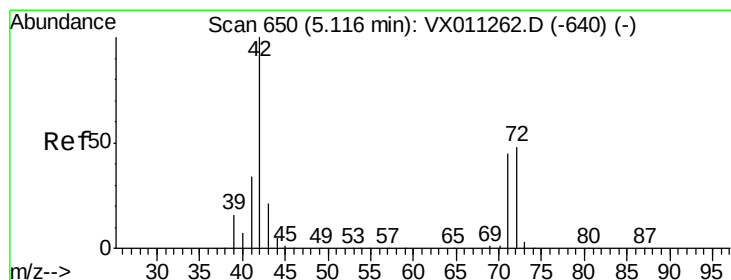
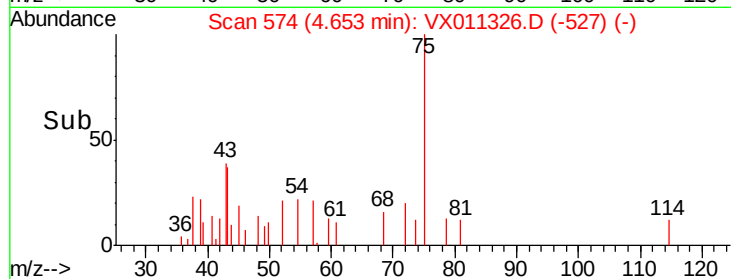
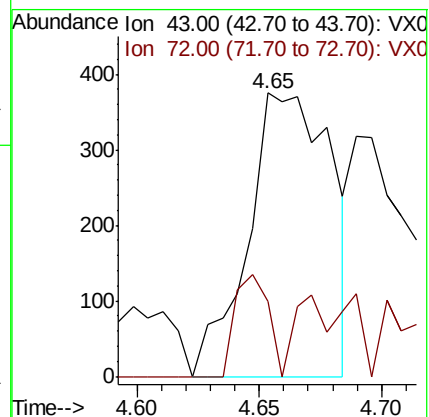
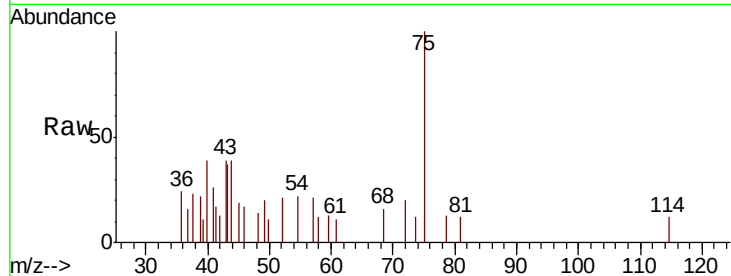
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 891

Ion Ratio Lower Upper

43 100

72 26.7 23.2 34.8



#29

Tetrahydrofuran

Concen: 0.319 ug/l

RT: 5.10 min Scan# 648

Delta R.T. -0.01 min

Lab File: VX011326.D

Acq: 05 Aug 2019 15:17

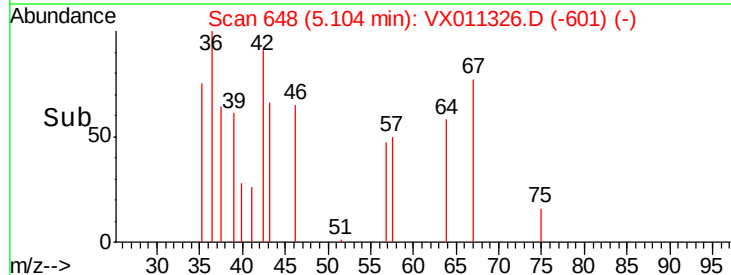
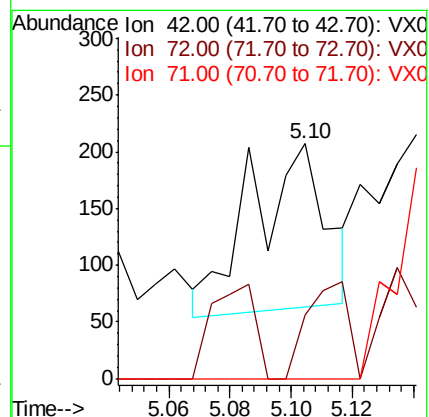
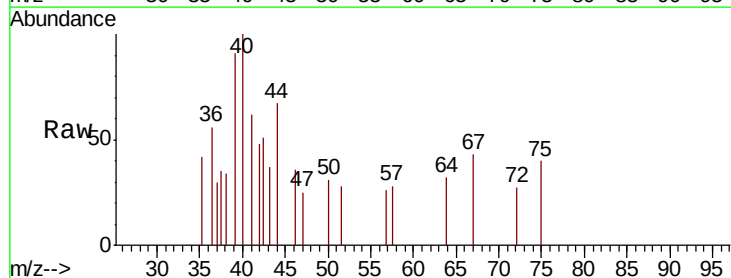
Tgt Ion: 42 Resp: 246

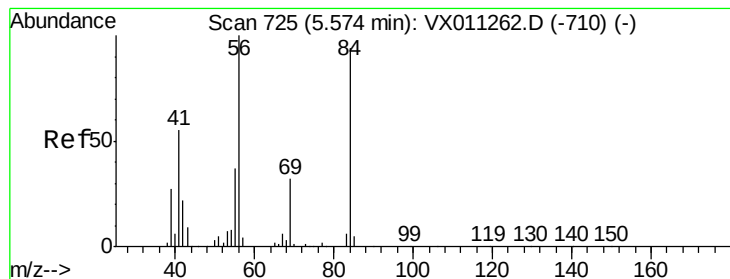
Ion Ratio Lower Upper

42 100

72 32.5 39.9 59.9#

71 0.0 36.9 55.3#





#31

Cyclohexane

Concen: 1.562 ug/l

RT: 5.64 min Scan# 736

Delta R.T. 0.07 min

Lab File: VX011326.D

Acq: 05 Aug 2019 15:17

Instrument :

MSVOA_X

ClientSampled :

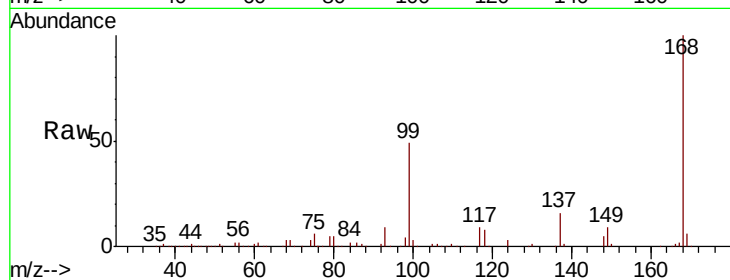
Tot Ion: 56 Resp: 3734

Ion Ratio Lower Upper

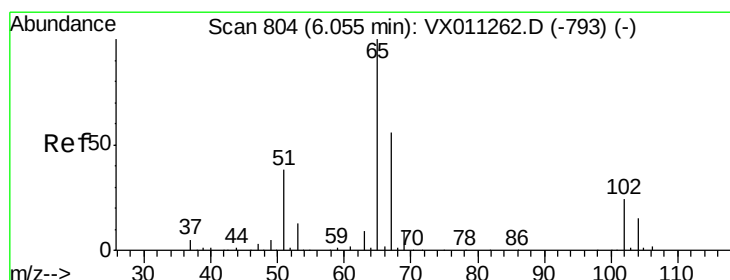
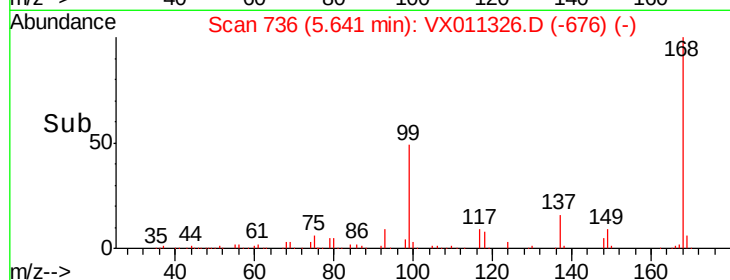
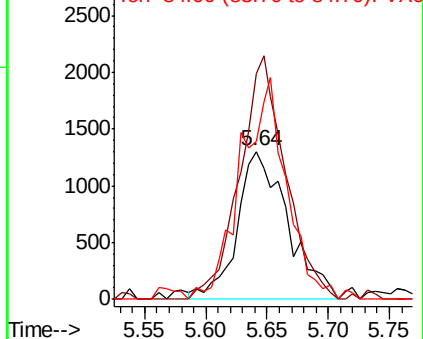
56 100

69 152.5 25.5 38.3#

84 107.1 75.0 112.4



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



#33

1,2-Dichloroethane-d4

Concen: 46.733 ug/l

RT: 6.05 min Scan# 803

Delta R.T. -0.01 min

Lab File: VX011326.D

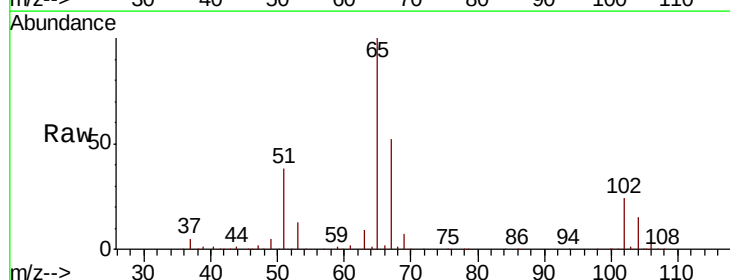
Acq: 05 Aug 2019 15:17

Tgt Ion: 65 Resp: 86734

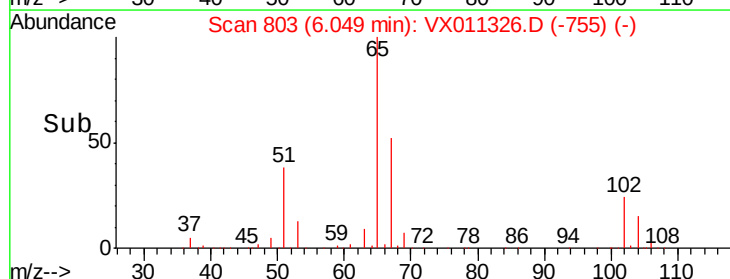
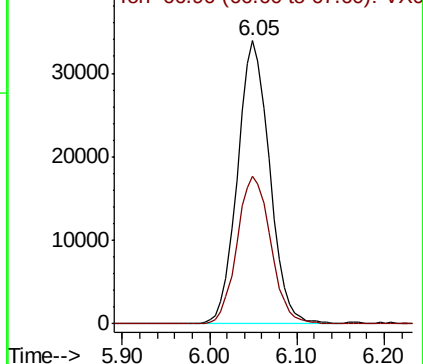
Ion Ratio Lower Upper

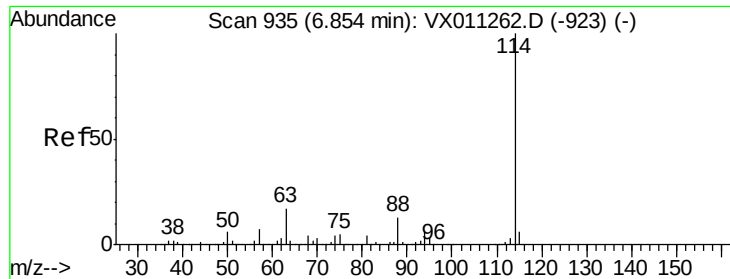
65 100

67 54.8 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

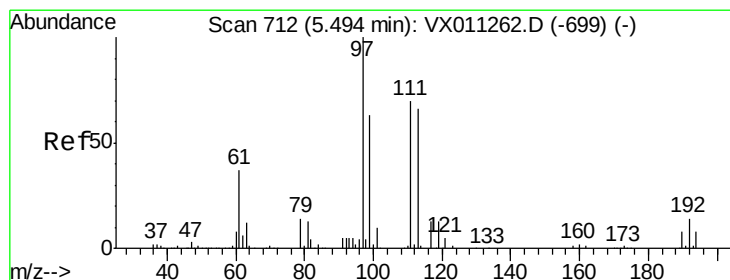
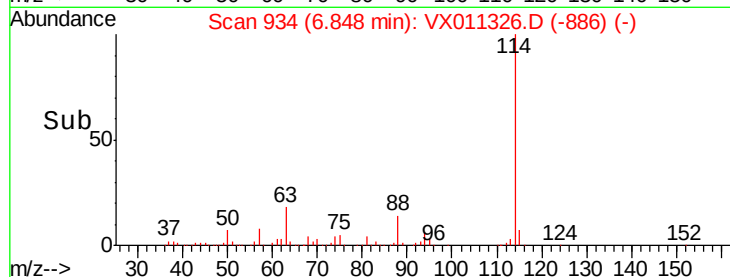
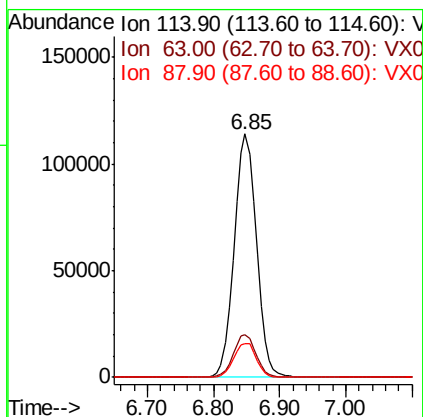
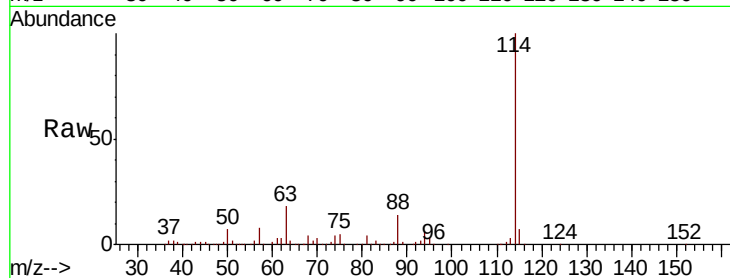




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 934
 Delta R.T. -0.01 min
 Lab File: VX011326.D
 Acq: 05 Aug 2019 15:17

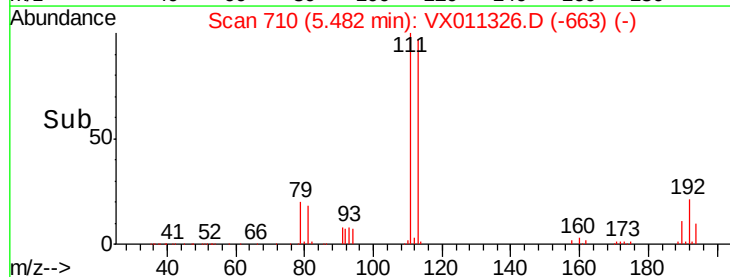
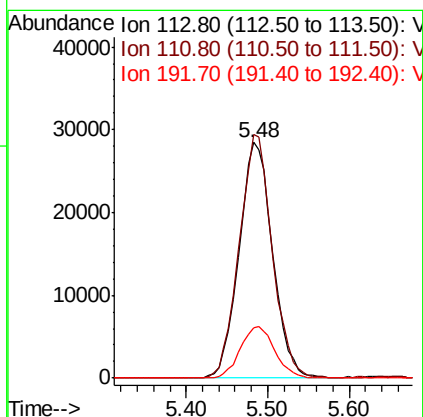
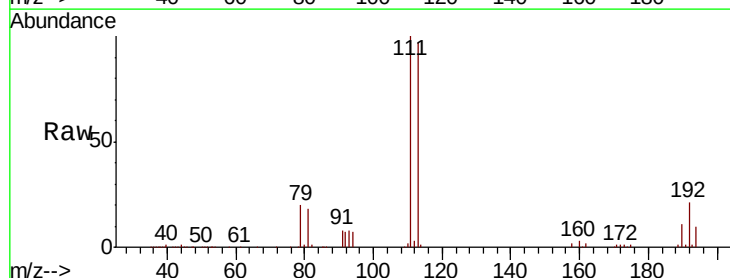
Instrument :
 MSVOA_X
 ClientSampleId :

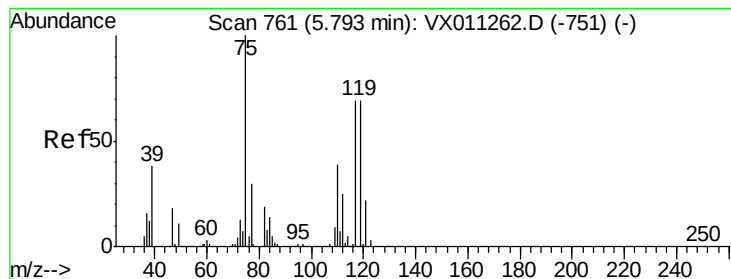
Tot Ion:114 Resp: 266576
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 34.0
 88 14.0 0.0 26.4



#35
 Dibromofluoromethane
 Concen: 46.619 ug/l
 RT: 5.48 min Scan# 710
 Delta R.T. -0.01 min
 Lab File: VX011326.D
 Acq: 05 Aug 2019 15:17

Tgt Ion:113 Resp: 81136
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.9 122.9
 192 22.6 17.8 26.8





#36

1,1-Dichloropropene

Concen: 5.109 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.14 min

Lab File: VX011326.D

Acq: 05 Aug 2019 15:17

Instrument :

MSVOA_X

ClientSampled :

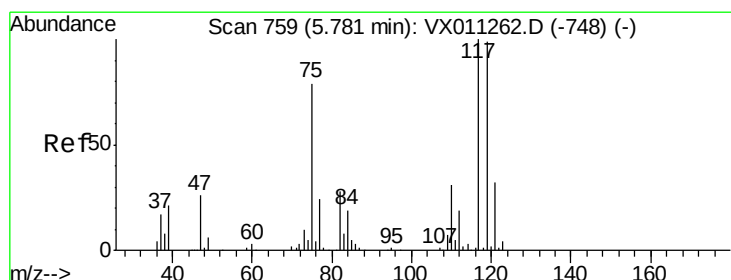
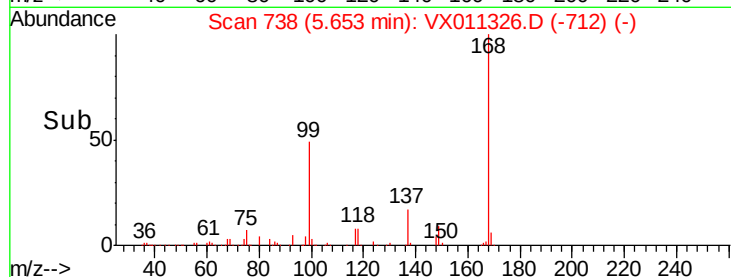
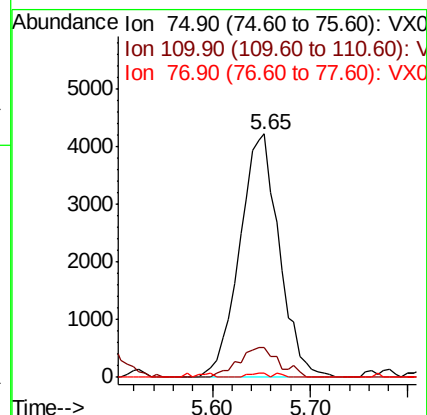
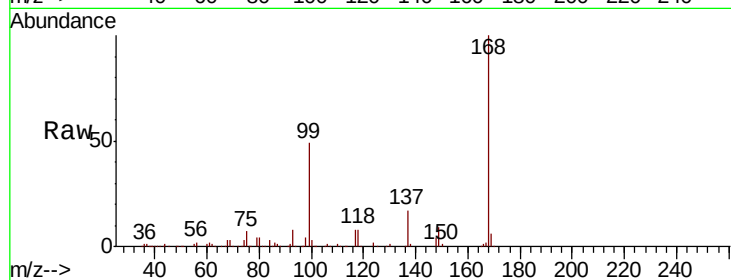
Tot Ion: 75 Resp: 11891

Ion Ratio Lower Upper

75 100

110 12.5 20.0 59.9#

77 0.7 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 7.262 ug/l

RT: 5.65 min Scan# 737

Delta R.T. -0.13 min

Lab File: VX011326.D

Acq: 05 Aug 2019 15:17

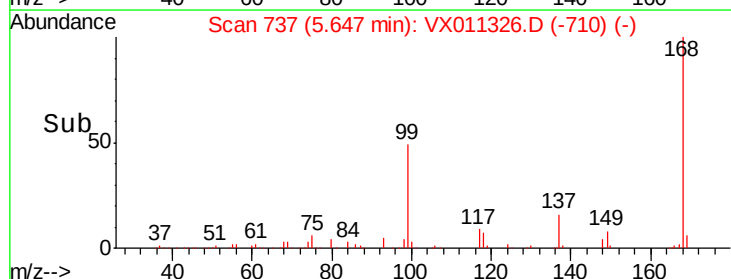
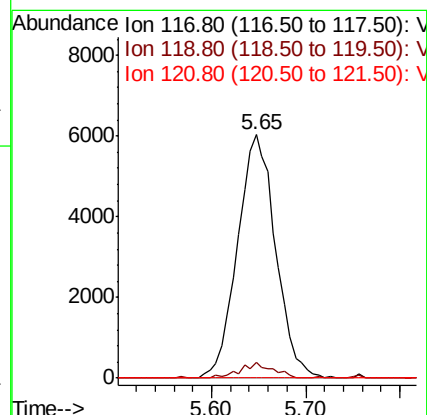
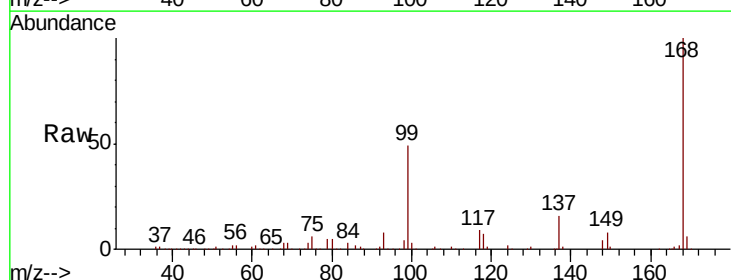
Tgt Ion: 117 Resp: 17004

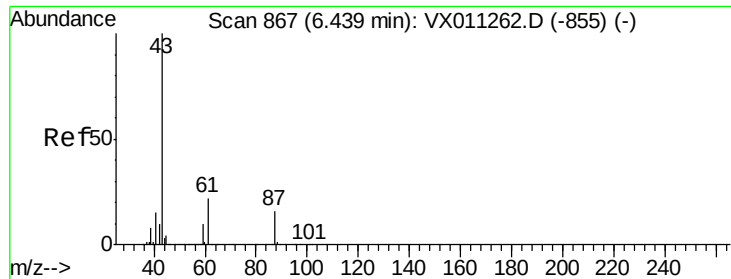
Ion Ratio Lower Upper

117 100

119 6.6 79.0 118.4#

121 0.0 25.9 38.9#





#43

Isopropyl Acetate

Concen: 2.145 ug/l

RT: 6.43 min Scan# 866

Delta R.T. -0.01 min

Lab File: VX011326.D

Acq: 05 Aug 2019 15:17

Instrument :

MSVOA_X

ClientSampled :

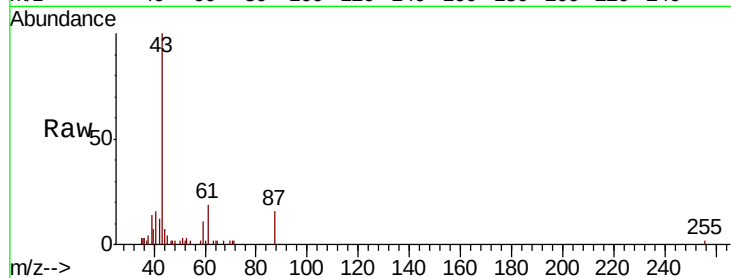
Tot Ion: 43 Resp: 8007

Ion Ratio Lower Upper

43 100

61 22.5 16.5 24.7

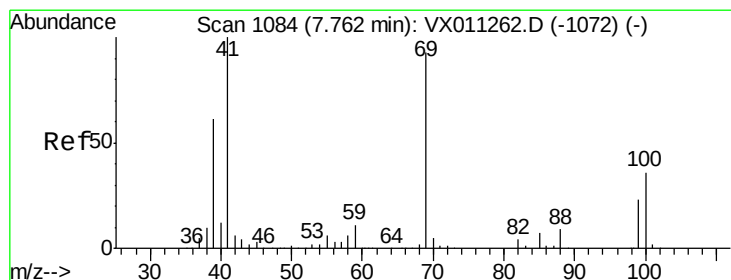
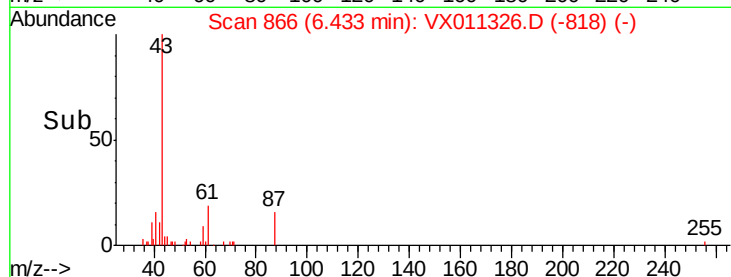
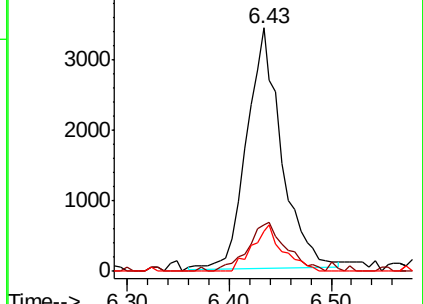
87 17.2 12.1 18.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#48

Methyl methacrylate

Concen: 2.032 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. -0.10 min

Lab File: VX011326.D

Acq: 05 Aug 2019 15:17

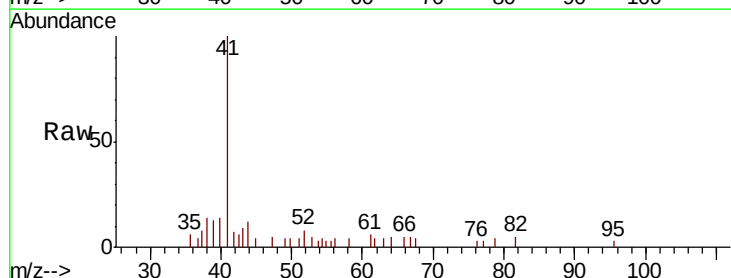
Tgt Ion: 41 Resp: 3570

Ion Ratio Lower Upper

41 100

69 1.3 74.5 111.7#

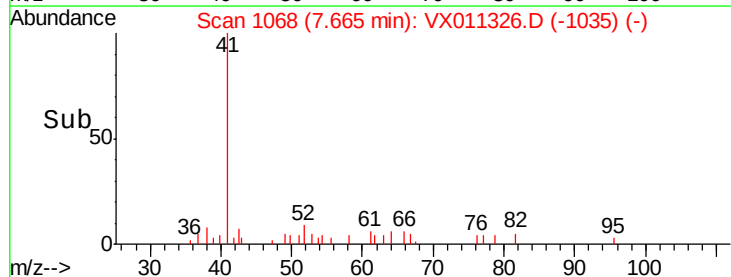
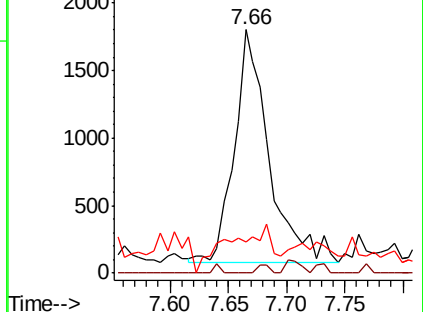
39 0.0 48.6 72.8#

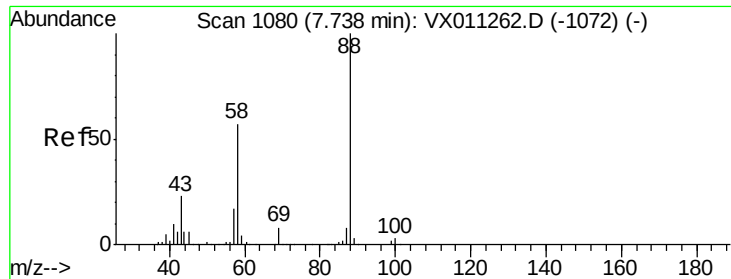


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

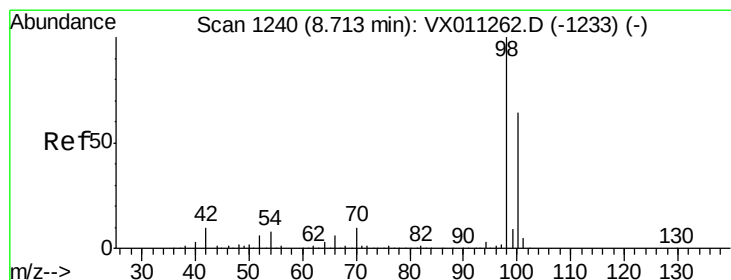
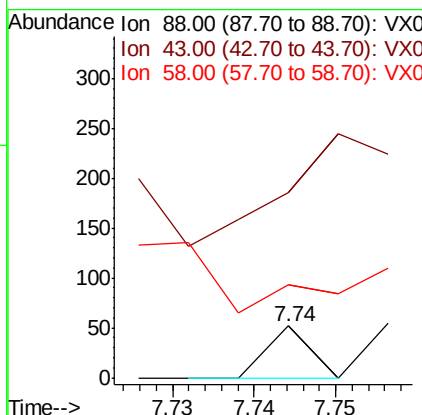
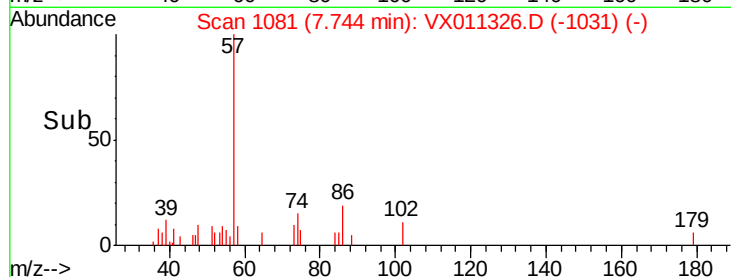
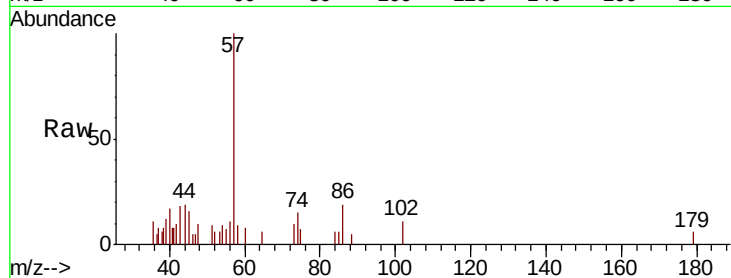




#49
1,4-Dioxane
Concen: 0.373 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VX011326.D
Acq: 05 Aug 2019 15:17

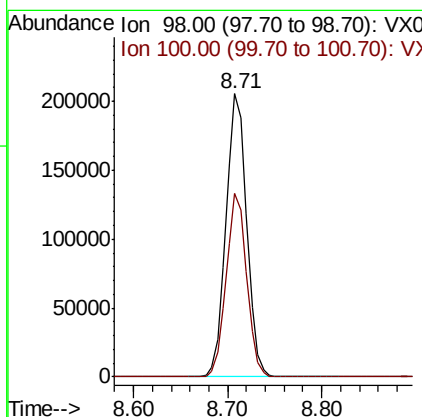
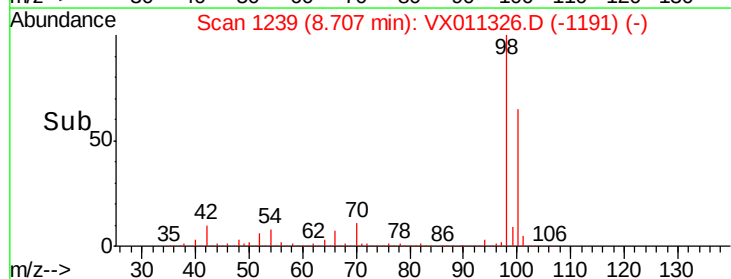
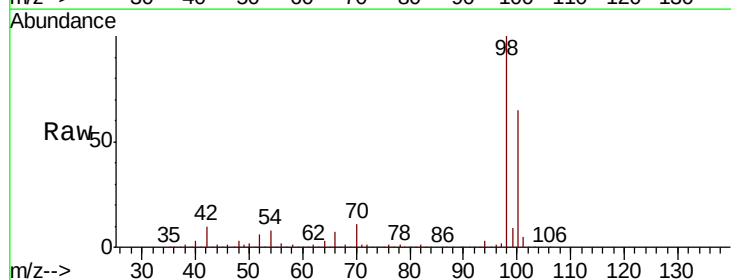
Instrument :
MSVOA_X
ClientSampleId :

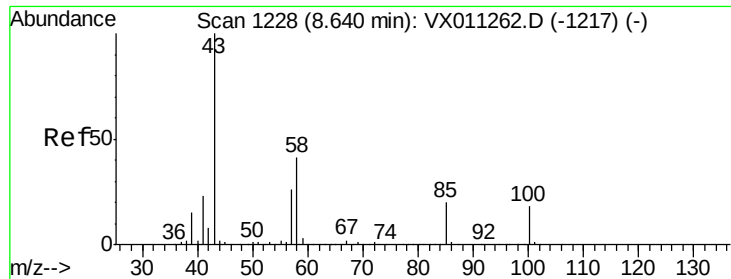
Tot Ion	88	Resp	19
Ion	Ratio	Lower	Upper
88	100		
43	0.0	22.2	33.2#
58	0.0	47.8	71.8#



#50
Toluene-d8
Concen: 47.806 ug/l
RT: 8.71 min Scan# 1239
Delta R.T. -0.01 min
Lab File: VX011326.D
Acq: 05 Aug 2019 15:17

Tgt Ion	98	Resp	314064
Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.7	77.5

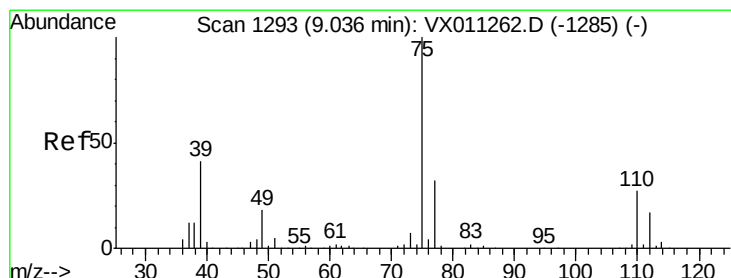
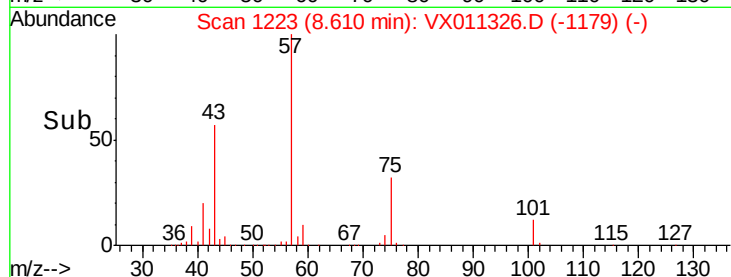
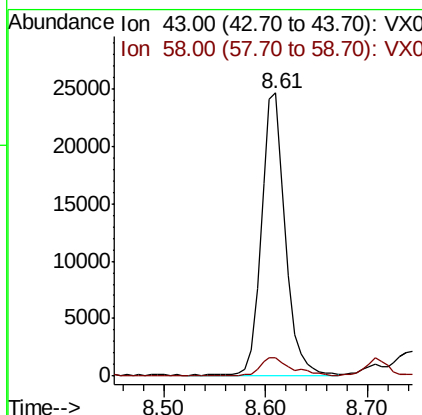
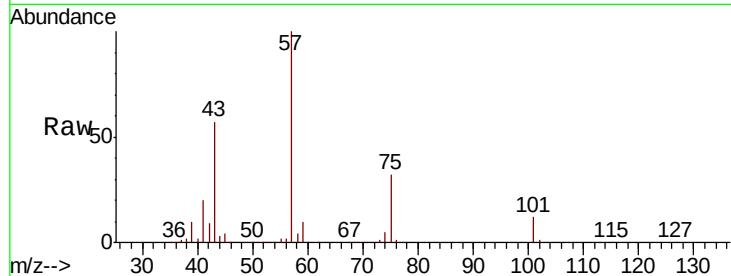




#51
 4-Methyl-2-Pentanone
 Concen: 16.863 ug/l
 RT: 8.61 min Scan# 1223
 Delta R.T. -0.03 min
 Lab File: VX011326.D
 Acq: 05 Aug 2019 15:17

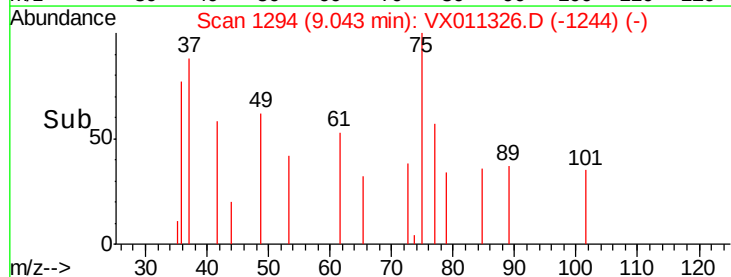
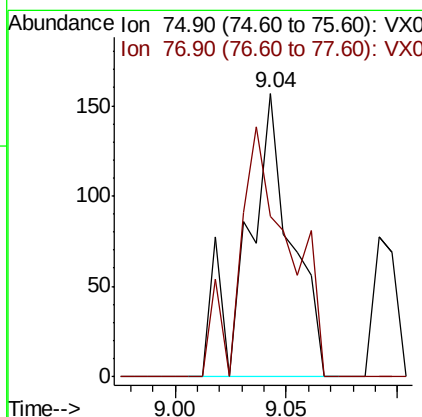
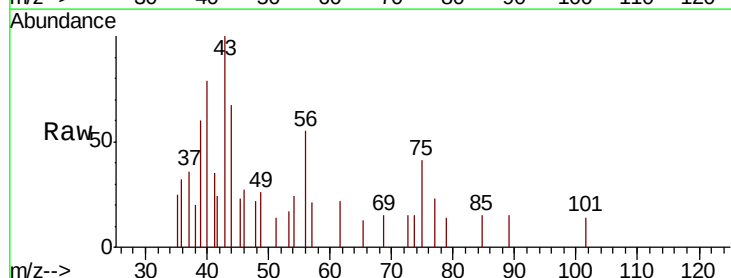
Instrument :
 MSVOA_X
 ClientSampled :

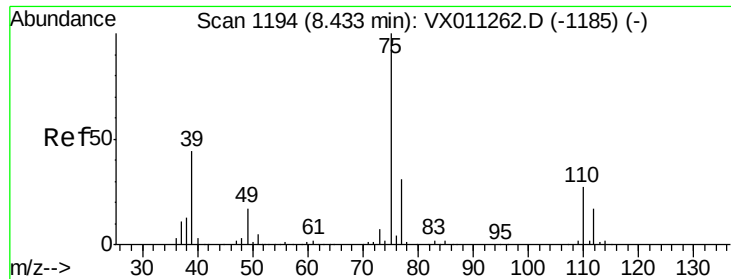
Tot Ion: 43 Resp: 40620
 Ion Ratio Lower Upper
 43 100
 58 8.6 32.3 48.5#



#53
 t-1,3-Dichloropropene
 Concen: 2.918 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.01 min
 Lab File: VX011326.D
 Acq: 05 Aug 2019 15:17

Tgt Ion: 75 Resp: 219
 Ion Ratio Lower Upper
 75 100
 77 56.7 25.4 38.0#



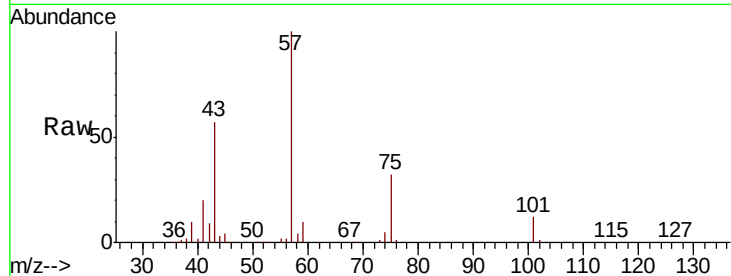


#54

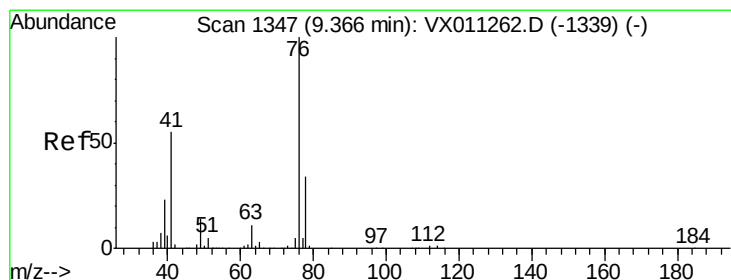
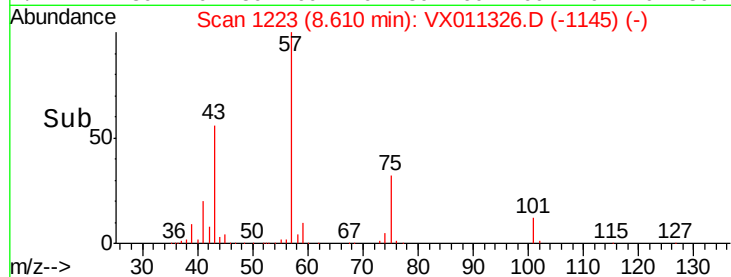
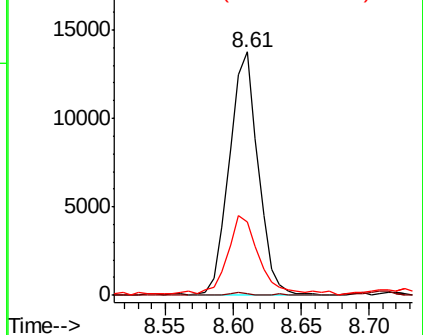
cis-1,3-Dichloropropene
 Concen: 7.798 ug/l
 RT: 8.61 min Scan# 1223
 Delta R.T. 0.18 min
 Lab File: VX011326.D
 Acq: 05 Aug 2019 15:17

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 75 Resp: 20250
 Ion Ratio Lower Upper
 75 100
 77 0.8 25.0 37.6#
 39 30.3 35.3 52.9#



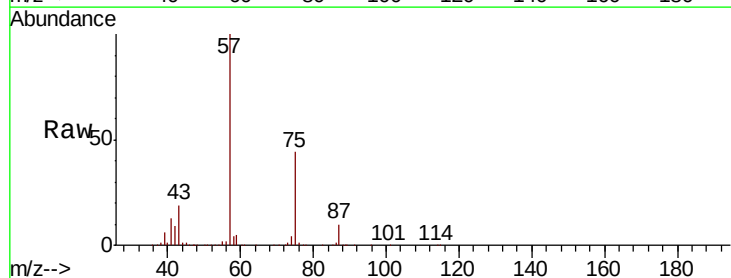
Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 76.90 (76.60 to 77.60): VX0
 Ion 39.00 (38.70 to 39.70): VX0



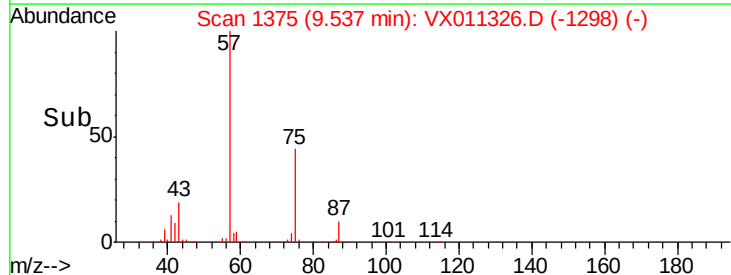
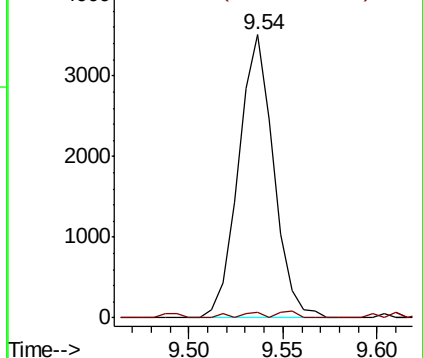
#57

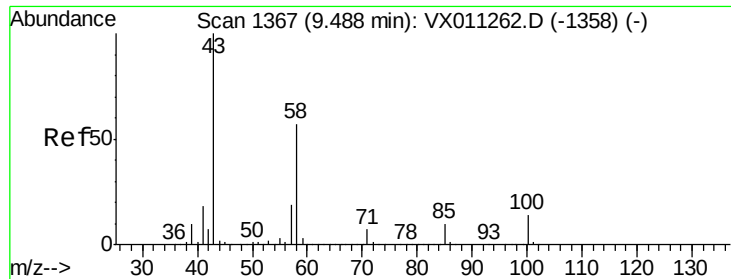
1,3-Dichloropropane
 Concen: 1.516 ug/l
 RT: 9.54 min Scan# 1375
 Delta R.T. 0.17 min
 Lab File: VX011326.D
 Acq: 05 Aug 2019 15:17

Tgt Ion: 76 Resp: 4527
 Ion Ratio Lower Upper
 76 100
 78 1.5 26.6 40.0#



Abundance Ion 75.90 (75.60 to 76.60): VX0
 Ion 77.90 (77.60 to 78.60): VX0

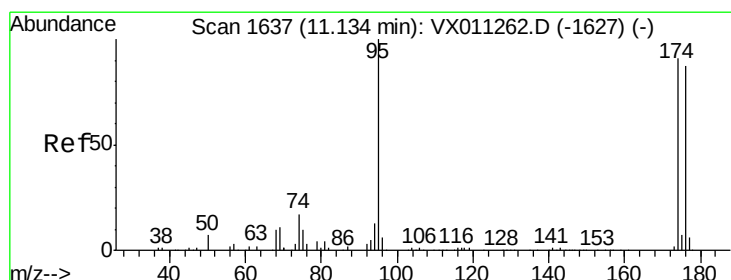
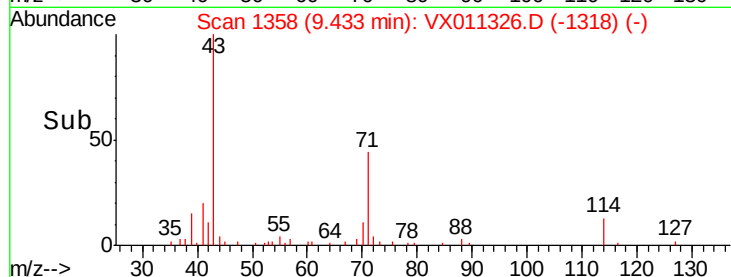
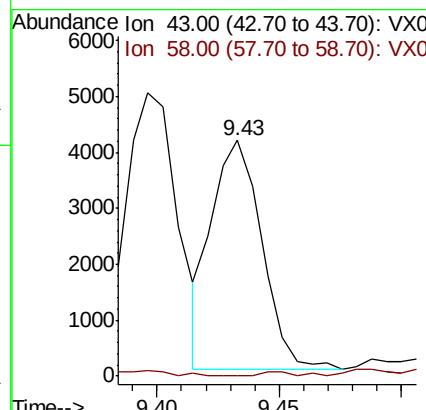
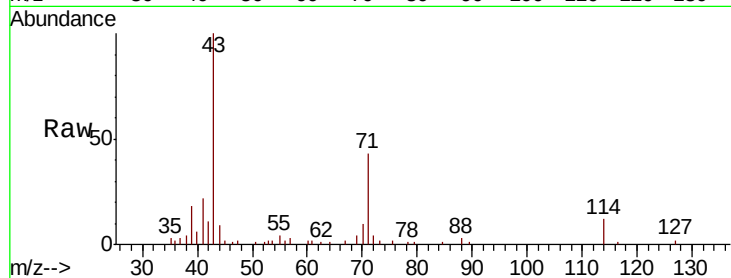




#59
2-Hexanone
Concen: 3.147 ug/l
RT: 9.43 min Scan# 1358
Delta R.T. -0.05 min
Lab File: VX011326.D
Acq: 05 Aug 2019 15:17

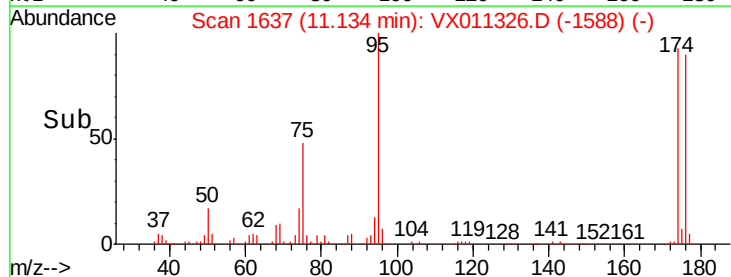
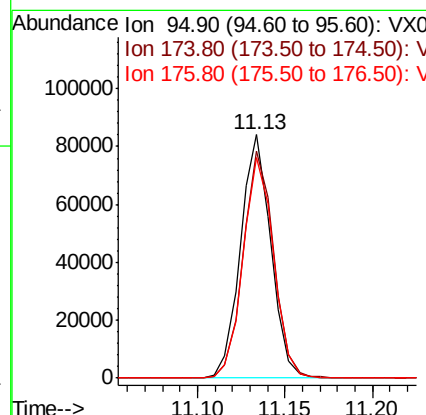
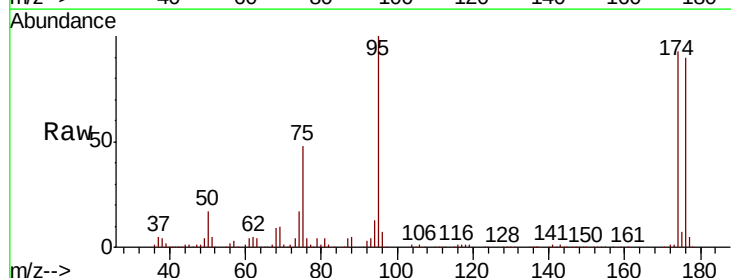
Instrument :
MSVOA_X
ClientSampleId :

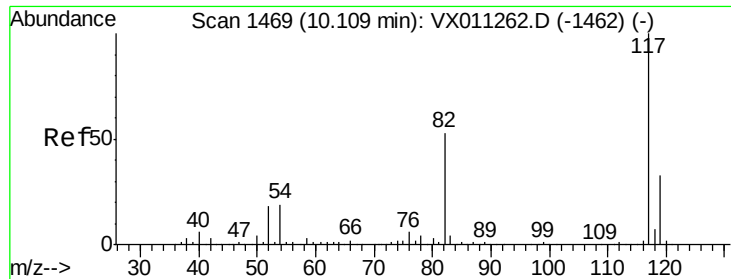
Tot Ion: 43 Resp: 5871
Ion Ratio Lower Upper
43 100
58 0.0 28.2 84.6#



#62
4-Bromofluorobenzene
Concen: 43.162 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011326.D
Acq: 05 Aug 2019 15:17

Tgt Ion: 95 Resp: 101236
Ion Ratio Lower Upper
95 100
174 93.8 0.0 191.2
176 91.6 0.0 184.8

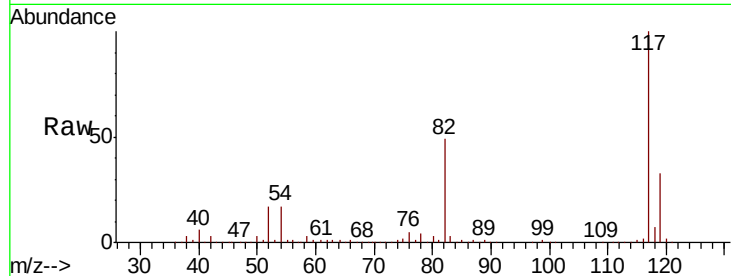




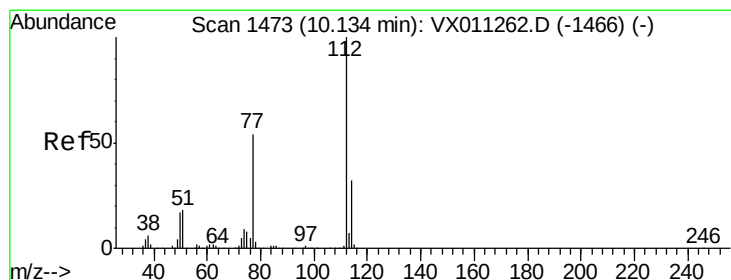
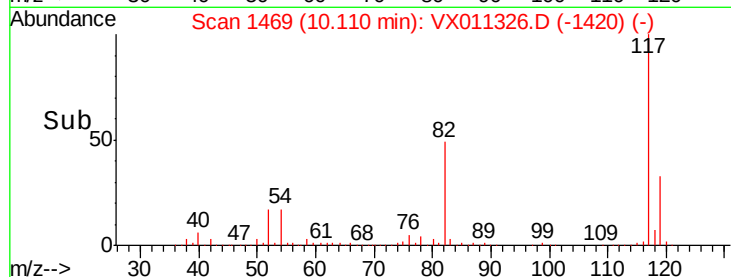
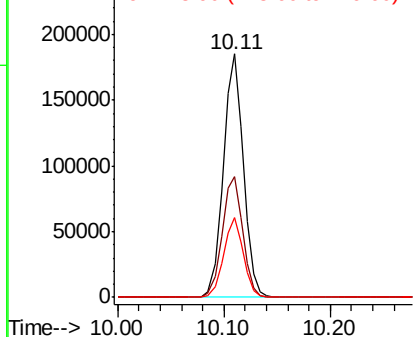
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011326.D
Acq: 05 Aug 2019 15:17

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 243122
Ion Ratio Lower Upper
117 100
82 49.4 42.2 63.2
119 32.6 26.6 39.8

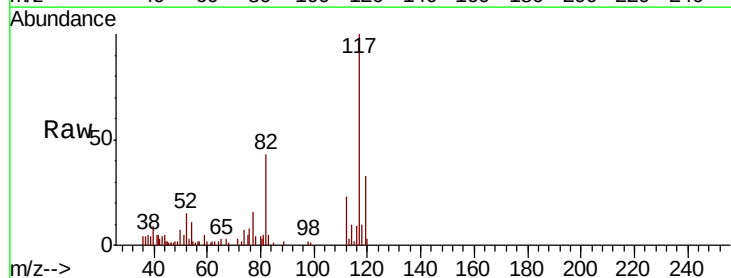


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

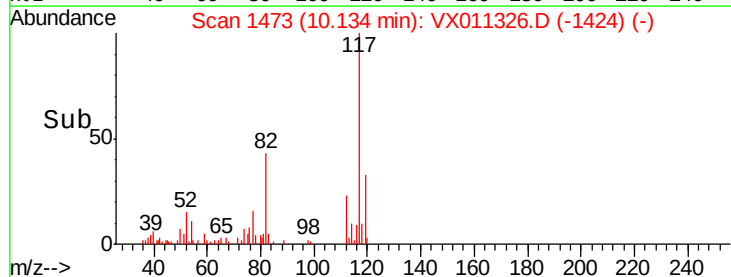
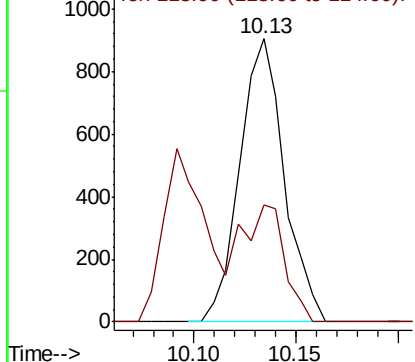


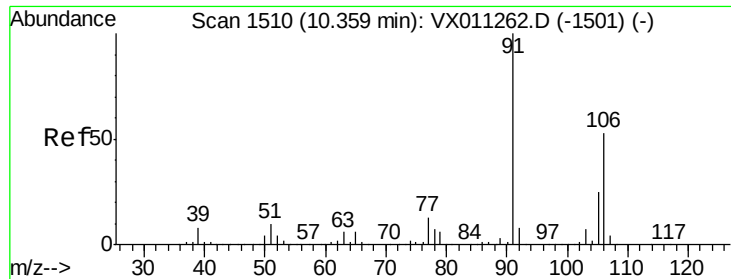
#65
Chlorobenzene
Concen: 0.262 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX011326.D
Acq: 05 Aug 2019 15:17

Tgt Ion:112 Resp: 1367
Ion Ratio Lower Upper
112 100
114 41.4 25.9 38.9#



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

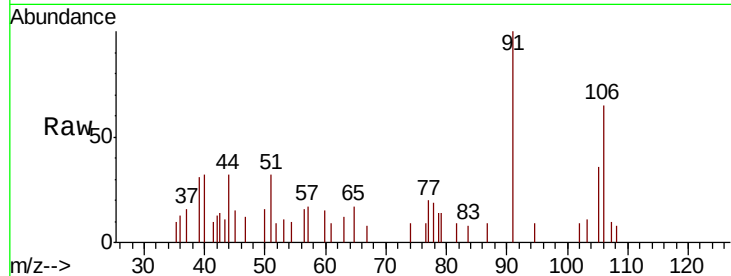




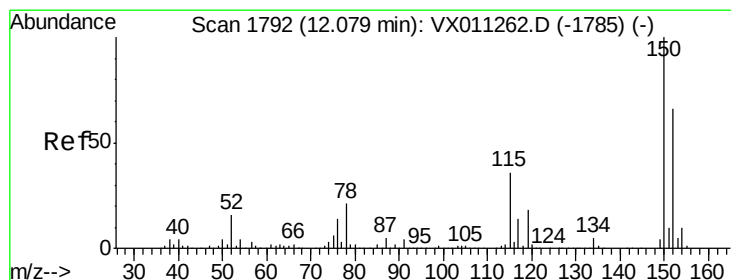
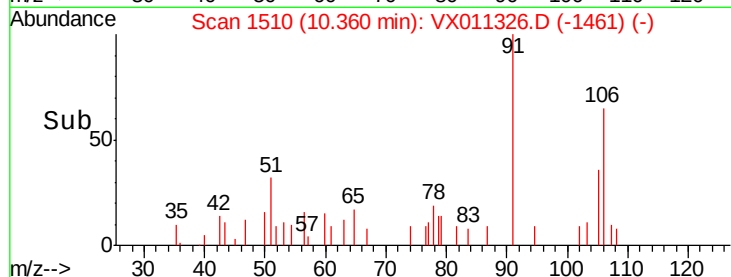
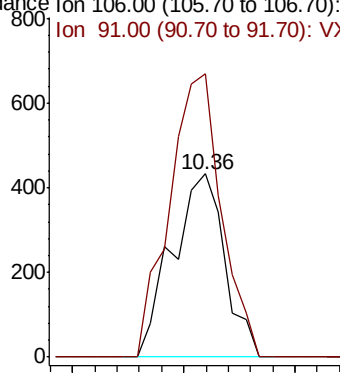
#68
m/p-Xylenes
Concen: 0.209 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX011326.D
Acq: 05 Aug 2019 15:17

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 707
Ion Ratio Lower Upper
106 100
91 153.6 155.9 233.9#

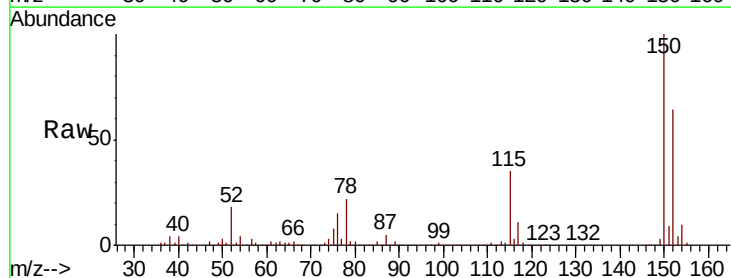


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

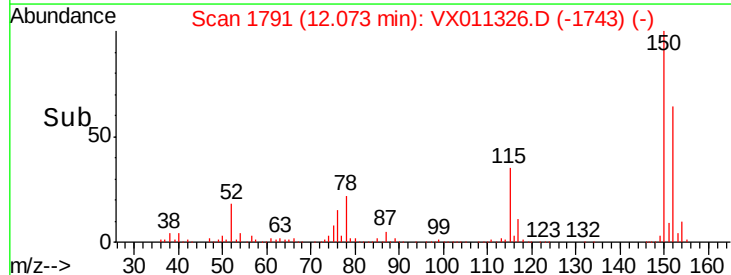
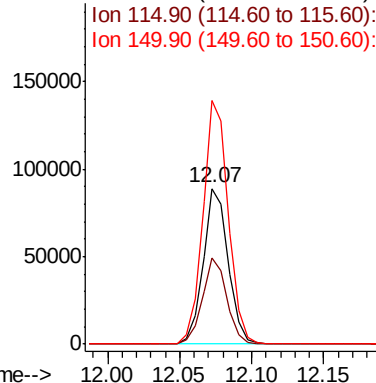


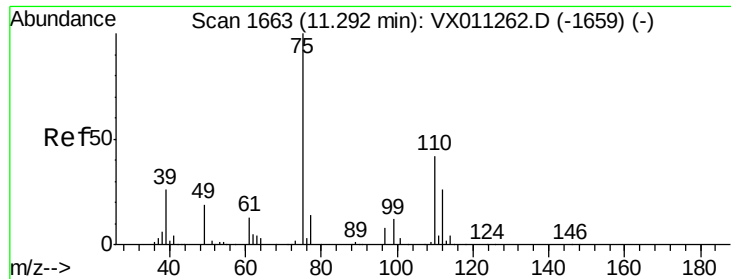
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.01 min
Lab File: VX011326.D
Acq: 05 Aug 2019 15:17

Tgt Ion:152 Resp: 108197
Ion Ratio Lower Upper
152 100
115 54.1 40.0 119.9
150 158.5 0.0 350.4



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





#76

1,2,3-Trichloropropane

Concen: 25.192 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX011326.D

Acq: 05 Aug 2019 15:17

Instrument :

MSVOA_X

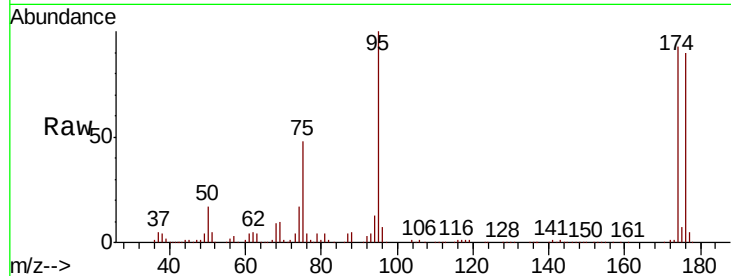
ClientSampleId :

Tot Ion: 75 Resp: 49639

Ion Ratio Lower Upper

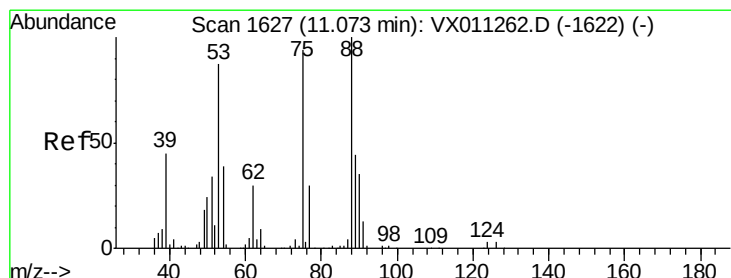
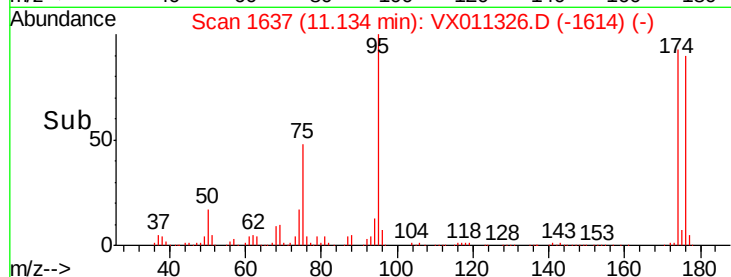
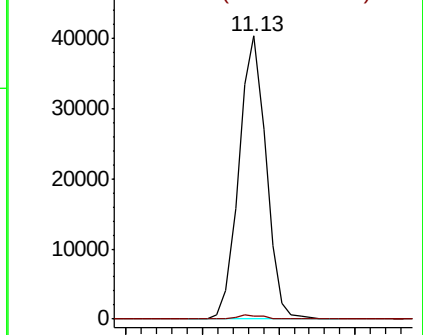
75 100

77 1.6 21.1 63.4#



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: 65.707 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX011326.D

Acq: 05 Aug 2019 15:17

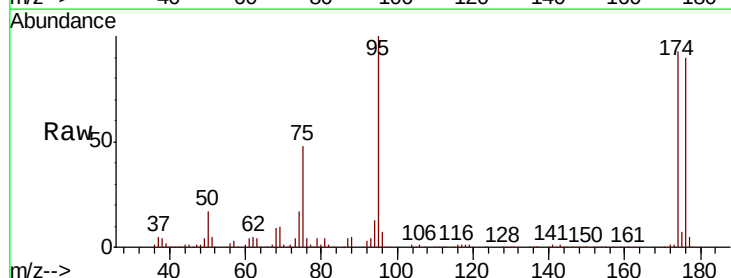
Tgt Ion: 75 Resp: 49639

Ion Ratio Lower Upper

75 100

53 0.2 78.2 117.4#

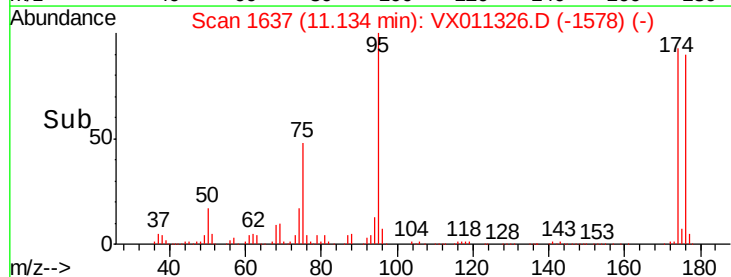
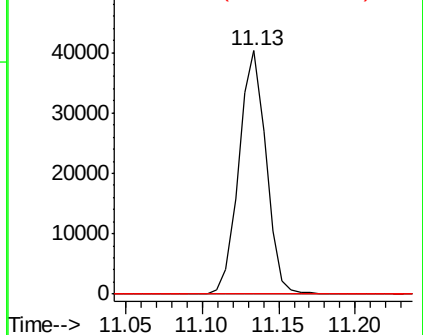
89 0.0 37.9 56.9#

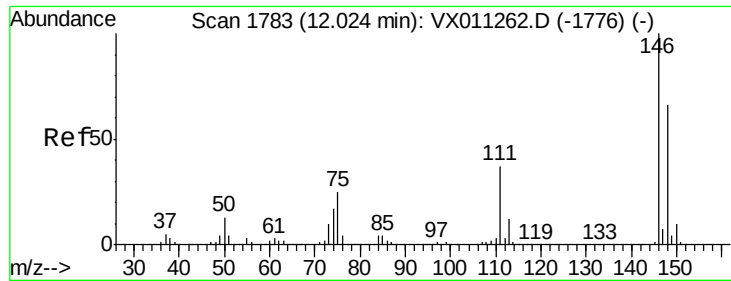


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

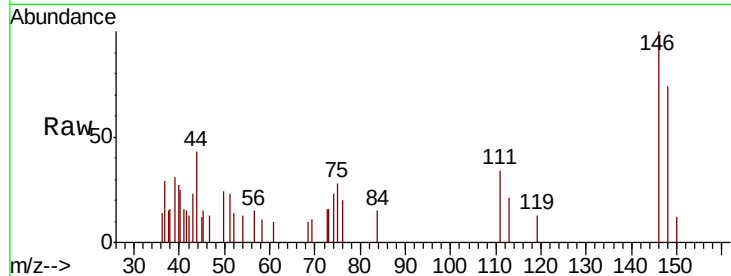




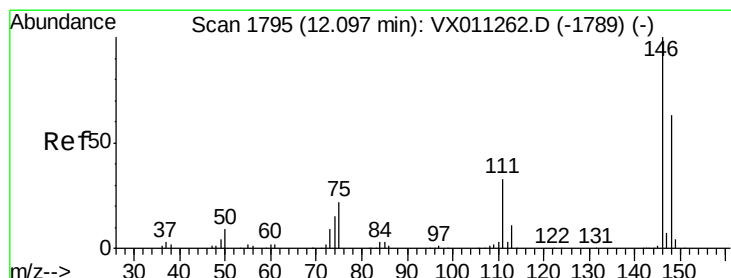
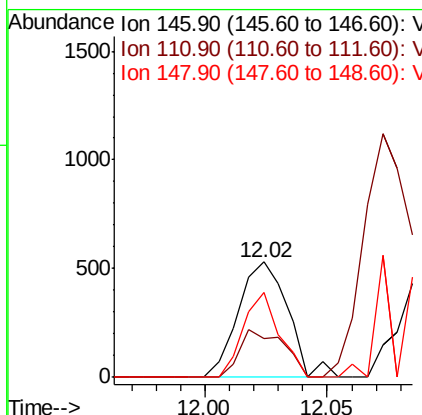
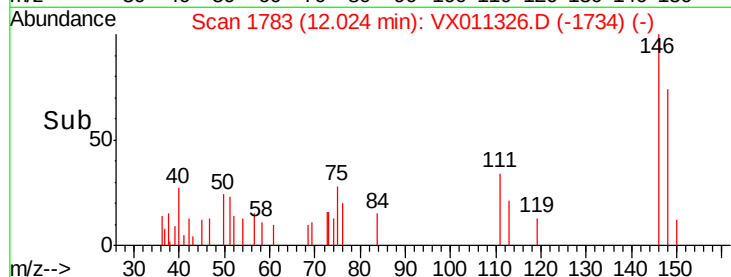
#87
 1,3-Dichlorobenzene
 Concen: 0.207 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX011326.D
 Acq: 05 Aug 2019 15:17

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:146 Resp: 750
 Ion Ratio Lower Upper
 146 100
 111 36.9 18.6 55.8
 148 53.3 32.5 97.5

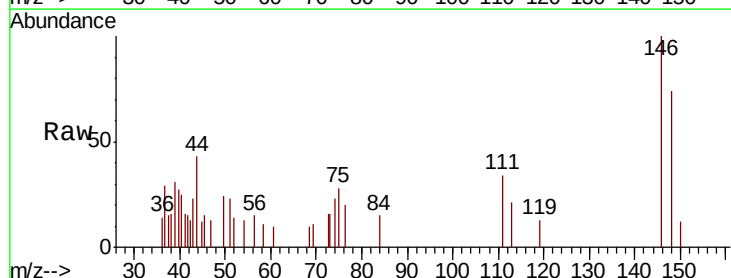


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

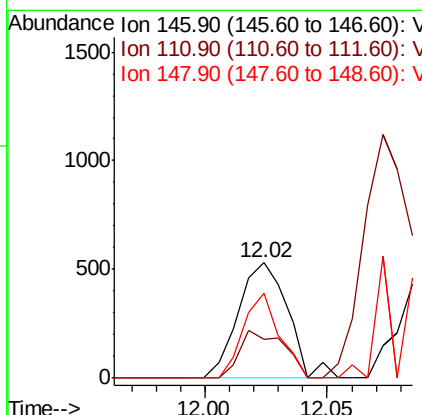
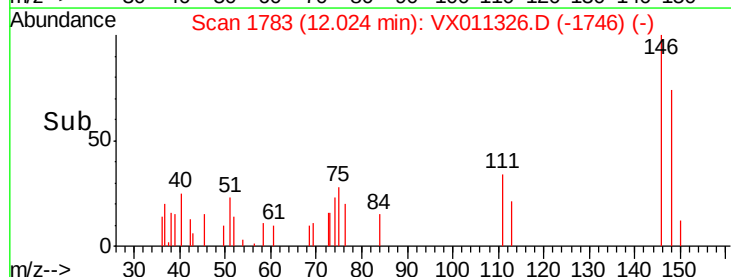


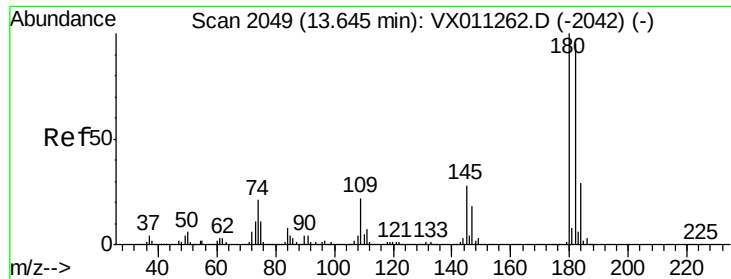
#88
 1,4-Dichlorobenzene
 Concen: 0.201 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.07 min
 Lab File: VX011326.D
 Acq: 05 Aug 2019 15:17

Tgt Ion:146 Resp: 750
 Ion Ratio Lower Upper
 146 100
 111 36.9 17.8 53.4
 148 53.3 31.8 95.3



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

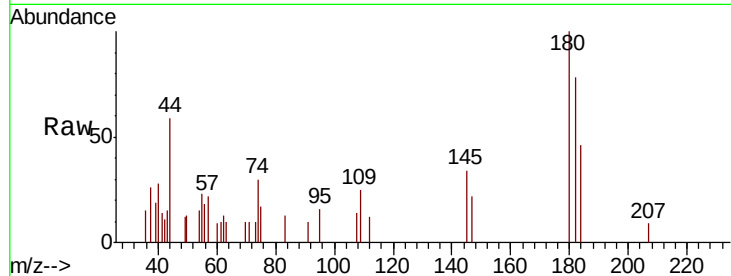




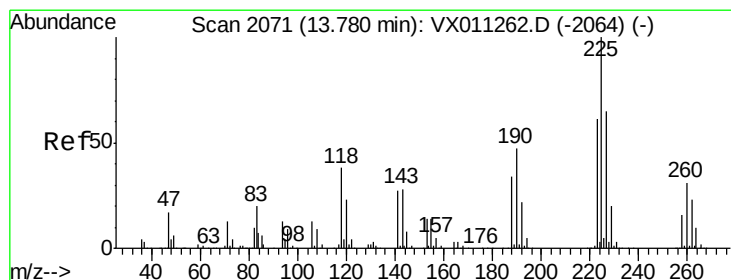
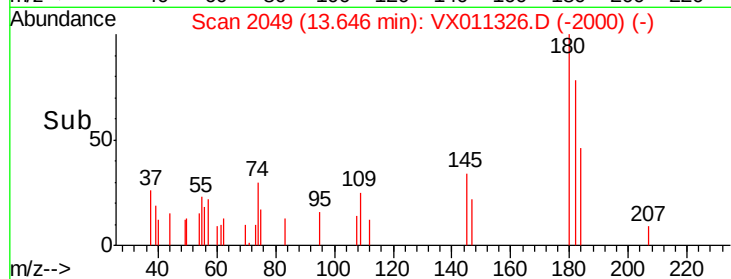
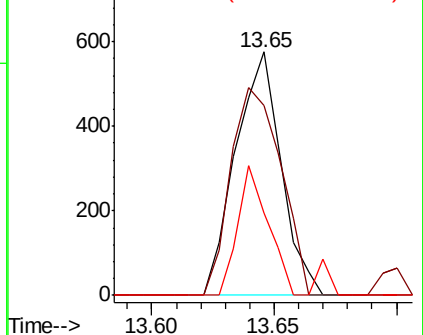
#93
 1,2,4-Trichlorobenzene
 Concen: 0.308 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX011326.D
 Acq: 05 Aug 2019 15:17

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 744
 Ion Ratio Lower Upper
 180 100
 182 94.5 47.8 143.4
 145 35.8 14.8 44.3

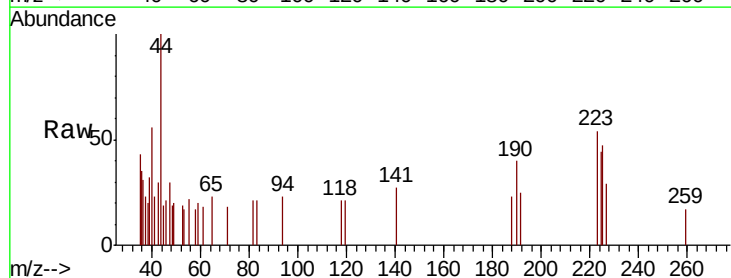


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

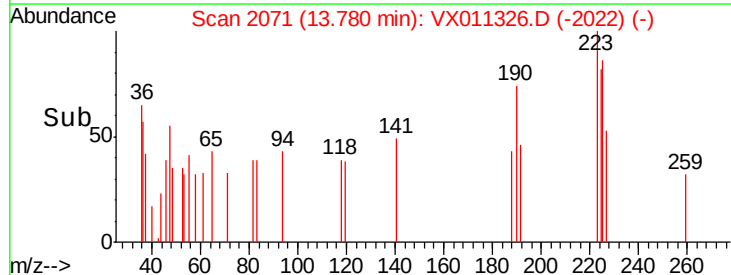
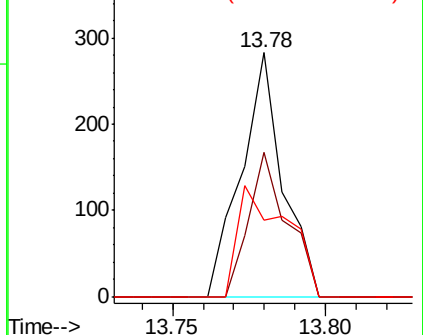


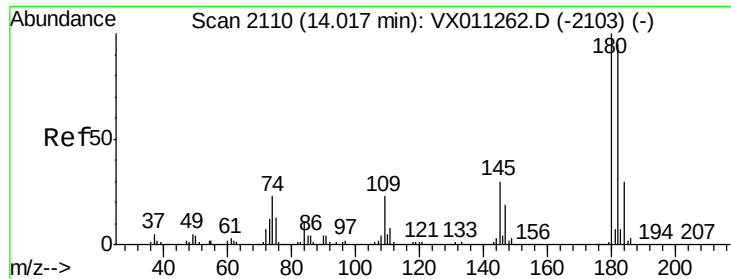
#94
 Hexachlorobutadiene
 Concen: 0.218 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX011326.D
 Acq: 05 Aug 2019 15:17

Tgt Ion:225 Resp: 267
 Ion Ratio Lower Upper
 225 100
 223 55.1 31.0 93.0
 227 53.2 32.2 96.6



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

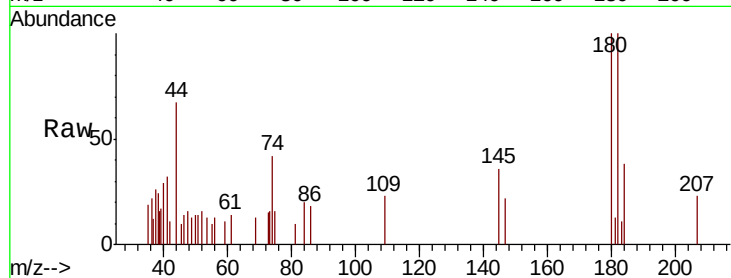




#96
 1,2,3-Trichlorobenzene
 Concen: 0.264 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. 0.00 min
 Lab File: VX011326.D
 Acq: 05 Aug 2019 15:17

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	102.2	47.4	142.3
145	35.0	15.2	45.6



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

