

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041519\
 Data File : VX008961.D
 Acq On : 15 Apr 2019 15:36
 Operator : JC/SP
 Sample : K2385-13
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 16 03:22:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 16 02:27:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	263561	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	416627	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	359685	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	158666	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	166409	44.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.60%	
35) Dibromofluoromethane	5.50	113	124174	46.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.88%	
50) Toluene-d8	8.71	98	519109	48.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.36%	
62) 4-Bromofluorobenzene	11.13	95	175114	46.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.04%	

Target Compounds

					Qvalue	
4) Vinyl Chloride	1.41	62	1461	0.403	ug/l	98
5) Bromomethane	1.65	94	597	4.091	ug/l	95
10) Methyl Iodide	2.52	142	620	4.605	ug/l #	86
11) Tert butyl alcohol	3.04	59	2494	3.025	ug/l #	72
13) Acrolein	2.29	56	328	0.460	ug/l #	71
14) Allyl chloride	2.84	41	163708	26.549	ug/l #	67
15) Acrylonitrile	3.15	53	1138	0.544	ug/l #	87
16) Acetone	2.39	43	23671	12.289	ug/l #	51
17) Carbon Disulfide	2.57	76	2294	1.522	ug/l	97
18) Methyl Acetate	2.84	43	441911	91.926	ug/l #	55
20) Methylene Chloride	2.84	84	846	0.257	ug/l #	1
25) 2-Butanone	4.56	43	21291	6.915	ug/l #	54
27) cis-1,2-Dichloroethene	4.59	96	1431	0.418	ug/l	85
28) Bromochloromethane	5.02	49	224	Below Cal	#	65
31) Cyclohexane	5.58	56	2951	0.499	ug/l #	87
36) 1,1-Dichloropropene	5.67	75	20339	4.720	ug/l #	50
38) Carbon Tetrachloride	5.67	117	24464	6.697	ug/l #	18
39) Methylcyclohexane	7.45	83	14135	2.694	ug/l #	32
43) Isopropyl Acetate	6.35	43	344769	38.587	ug/l #	63
48) Methyl methacrylate	7.85	41	10380	2.351	ug/l	95
49) 1,4-Dioxane	7.71	88	42	0.508	ug/l #	19
51) 4-Methyl-2-Pentanone	8.68	43	20459	3.594	ug/l #	74
55) 1,1,2-Trichloroethane	9.16	97	13851	4.588	ug/l #	17
56) Ethyl methacrylate	9.16	69	3430	0.634	ug/l #	1
59) 2-Hexanone	9.51	43	1195	0.272	ug/l	86
73) Isopropylbenzene	11.02	105	6714	0.558	ug/l	99
74) N-amyl acetate	10.91	43	2027	0.294	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.27	83	1660	0.378	ug/l #	46
76) 1,2,3-Trichloropropane	11.13	75	88774	22.913	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.13	75	88774	58.825	ug/l #	10
83) tert-Butylbenzene	11.77	119	35070	3.619	ug/l	89
84) 1,2,4-Trimethylbenzene	11.66	105	3466	0.337	ug/l	84
85) sec-Butylbenzene	11.94	105	23359	2.021	ug/l #	58
86) p-Isopropyltoluene	12.23	119	92066	8.665	ug/l	96

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Quant Title : SW846 8260
QLast Update : Tue Apr 16 02:27:32 2019
Response via : Initial Calibration

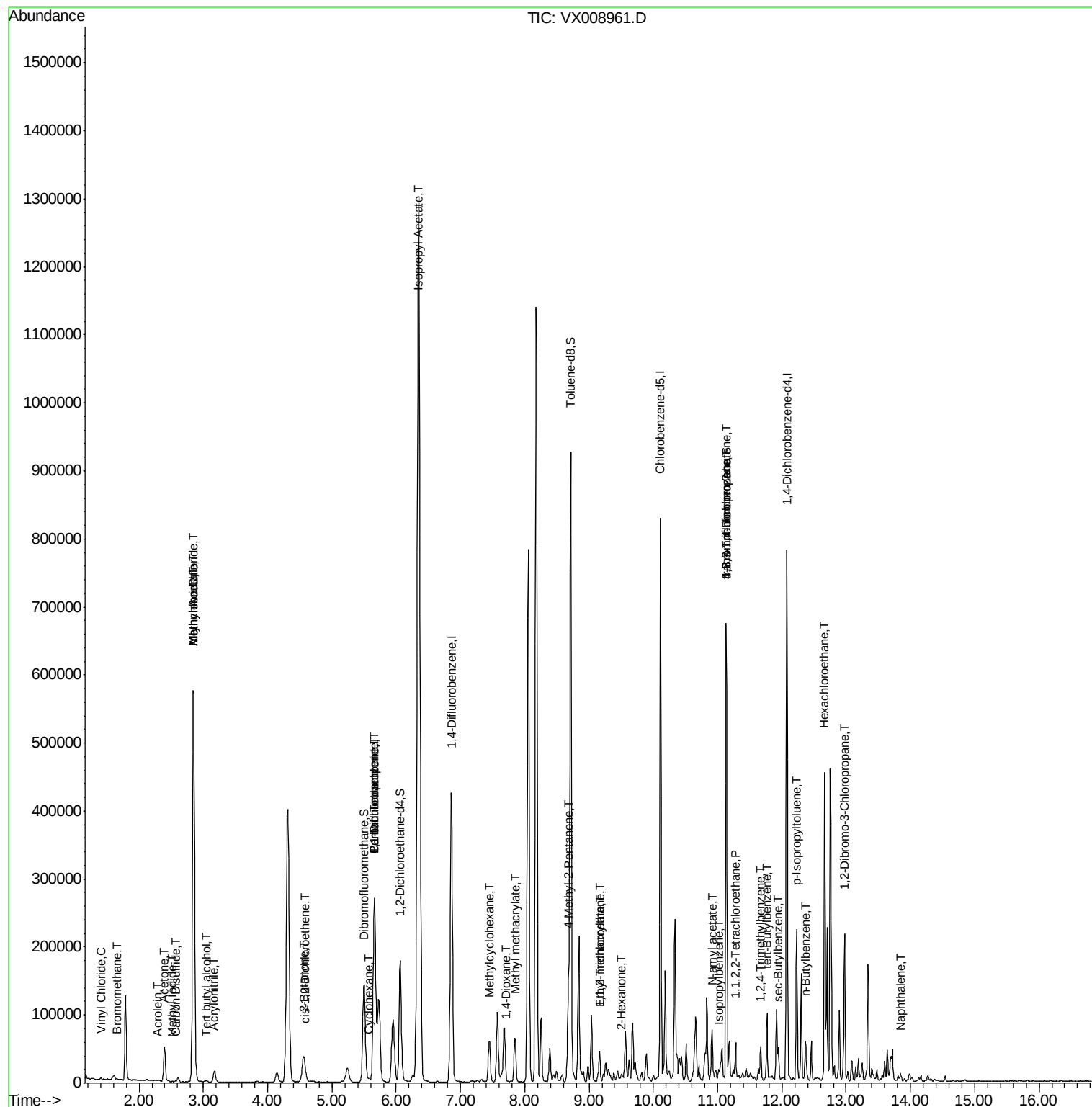
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	12.37	91	6127	0.619	ug/l #	36
90) Hexachloroethane	12.66	117	19848	11.325	ug/l #	6
92) 1,2-Dibromo-3-Chloropropan	12.97	75	1042	1.041	ug/l #	6
95) Naphthalene	13.83	128	3320	0.274	ug/l #	90

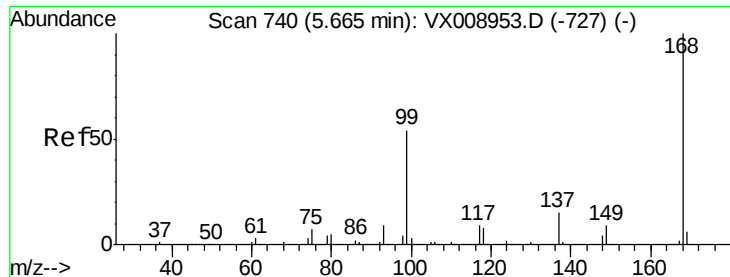
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX041519\
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Quant Title : SW846 8260
QLast Update : Tue Apr 16 02:27:32 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX008961.D

Acq: 15 Apr 2019 15:36

Instrument :

MSVOA_X

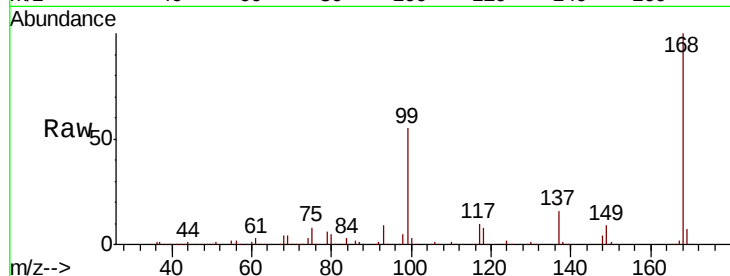
ClientSampleId :

Tot Ion:168 Resp: 263561

Ion Ratio Lower Upper

168 100

99 54.7 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

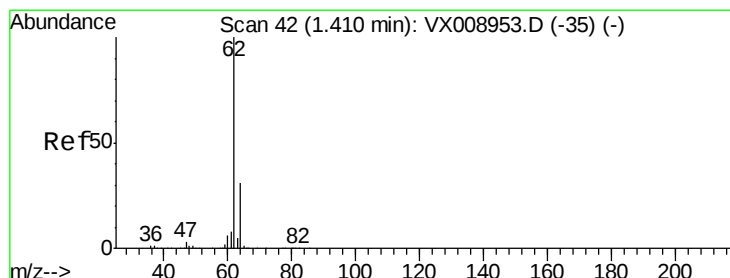
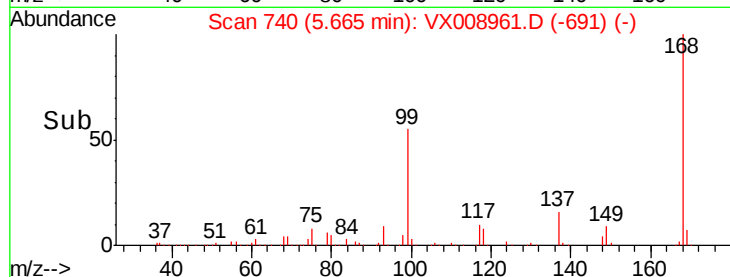
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 0.403 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008961.D

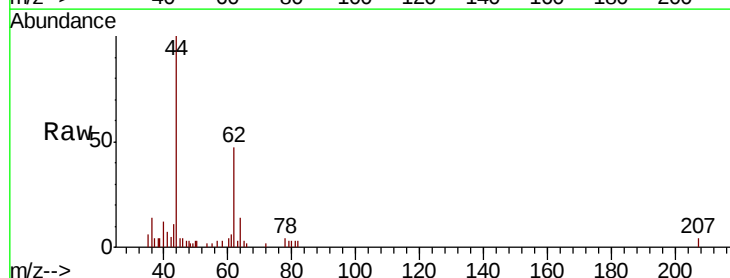
Acq: 15 Apr 2019 15:36

Tgt Ion: 62 Resp: 1461

Ion Ratio Lower Upper

62 100

64 30.3 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

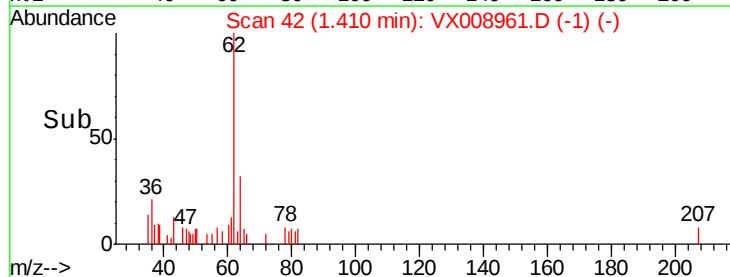
1.41

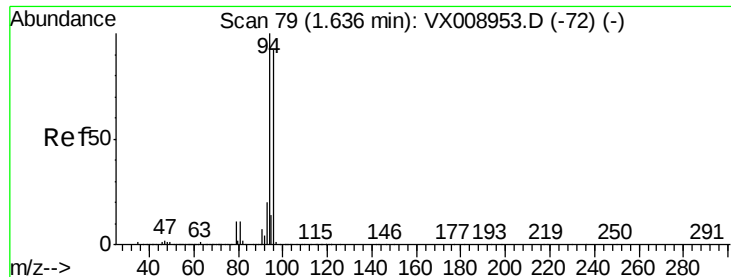
1000

500

0

Time--> 1.35 1.40 1.45





#5

Bromomethane

Concen: 4.091 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX008961.D

Acq: 15 Apr 2019 15:36

Instrument :

MSVOA_X

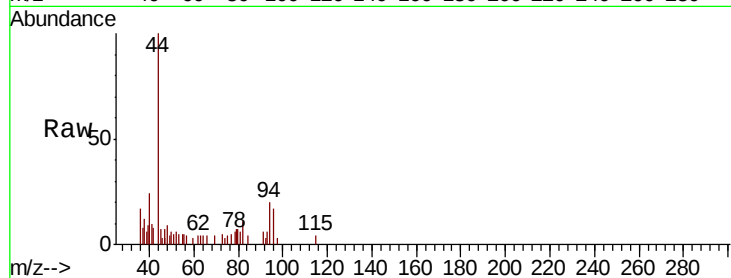
ClientSampleId :

Tot Ion: 94 Resp: 597

Ion Ratio Lower Upper

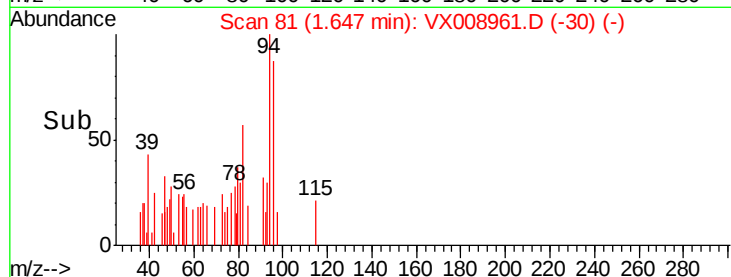
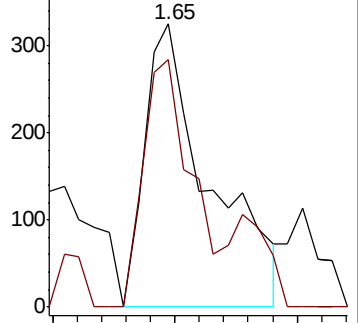
94 100

96 87.4 73.9 110.9

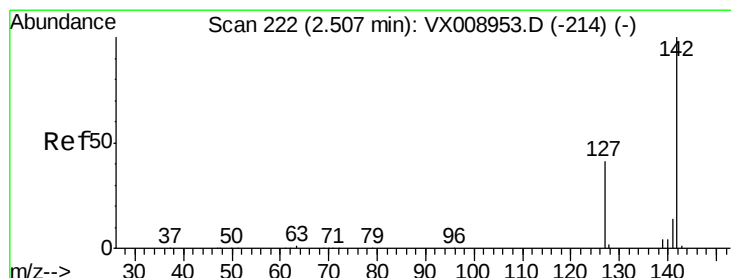


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



Time-->



#10

Methyl Iodide

Concen: 4.605 ug/l

RT: 2.52 min Scan# 224

Delta R.T. 0.01 min

Lab File: VX008961.D

Acq: 15 Apr 2019 15:36

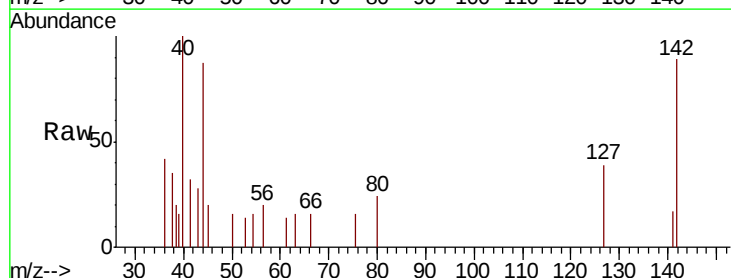
Tgt Ion: 142 Resp: 620

Ion Ratio Lower Upper

142 100

127 35.3 32.8 49.2

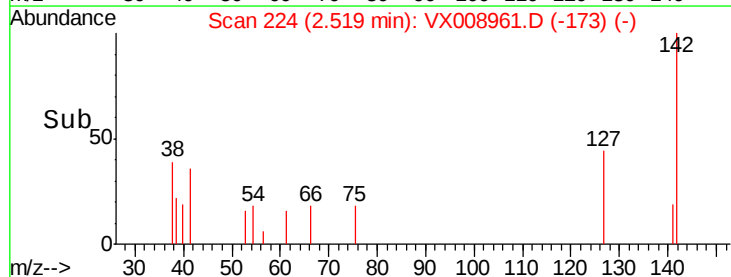
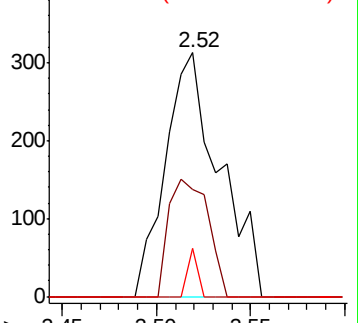
141 3.5 11.4 17.2#



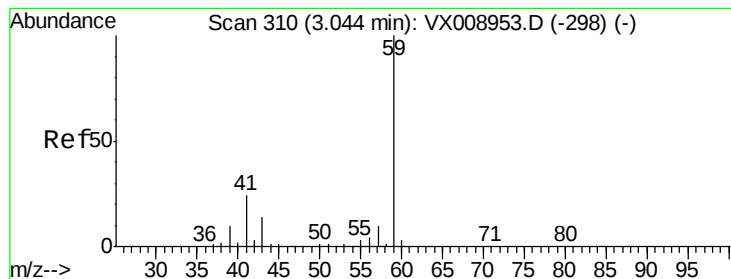
Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



Time-->

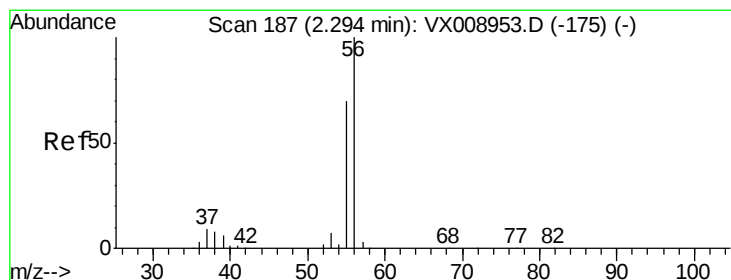
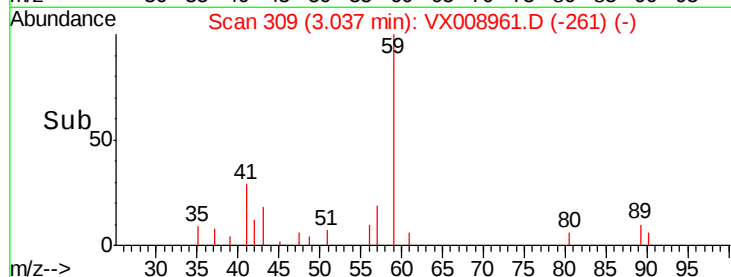
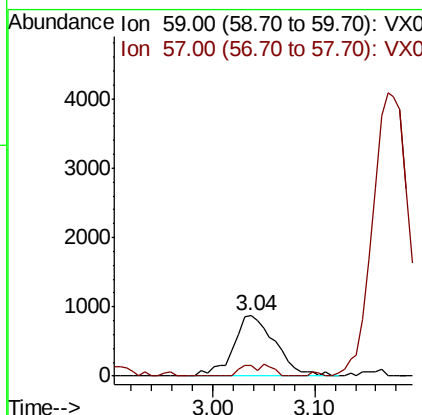
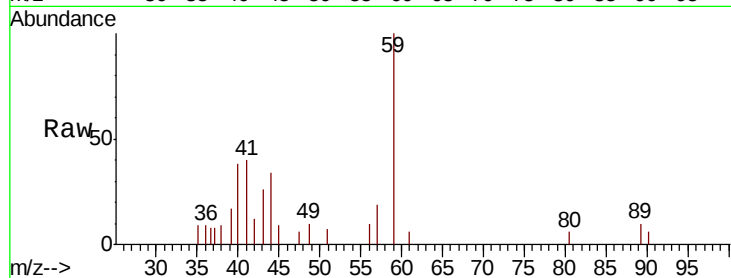


#11

Tert butyl alcohol
 Concen: 3.025 ug/l
 RT: 3.04 min Scan# 309
 Delta R.T. -0.01 min
 Lab File: VX008961.D
 Acq: 15 Apr 2019 15:36

Instrument :
 MSVOA_X
 ClientSampled :

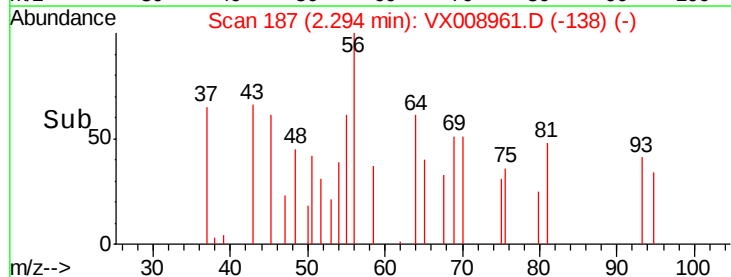
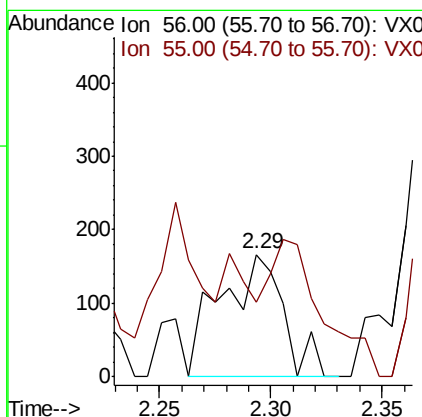
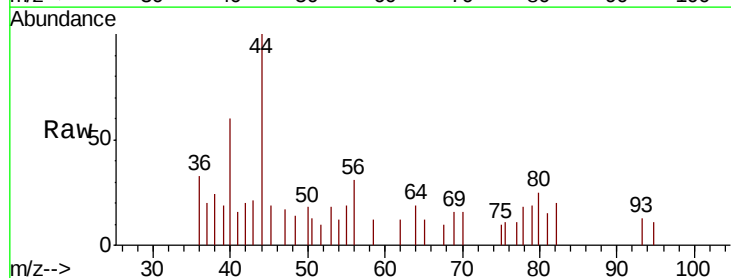
Tot Ion: 59 Resp: 2494
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.4 12.6#

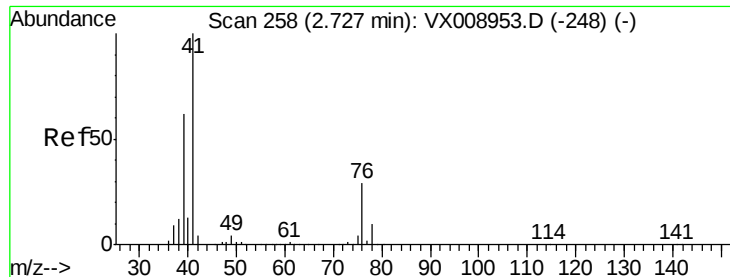


#13

Acrolein
 Concen: 0.460 ug/l
 RT: 2.29 min Scan# 187
 Delta R.T. -0.00 min
 Lab File: VX008961.D
 Acq: 15 Apr 2019 15:36

Tgt Ion: 56 Resp: 328
 Ion Ratio Lower Upper
 56 100
 55 94.5 56.6 84.8#





#14

Allvl chloride

Concen: 26.549 ug/l

RT: 2.84 min Scan# 277

Delta R.T. 0.12 min

Lab File: VX008961.D

Acq: 15 Apr 2019 15:36

Instrument :

MSVOA_X

ClientSampleId :

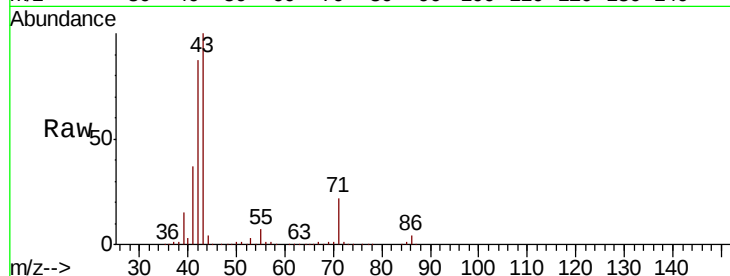
Tot Ion: 41 Resp: 163708

Ion Ratio Lower Upper

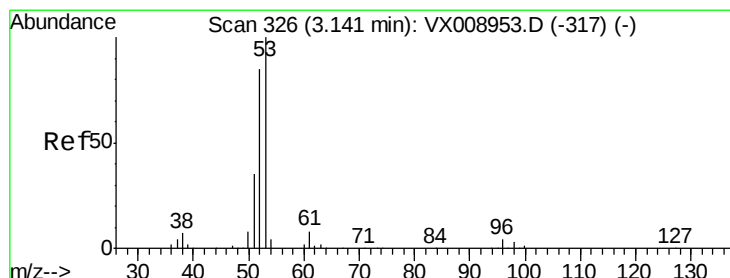
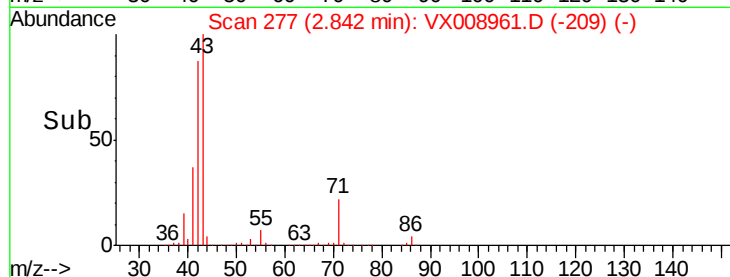
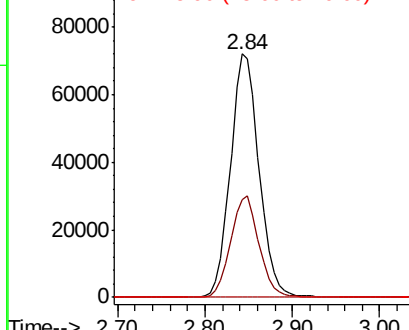
41 100

39 40.8 46.7 70.1#

76 0.0 22.0 33.0#



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 75.90 (75.60 to 76.60): VX0



#15

Acrylonitrile

Concen: 0.544 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX008961.D

Acq: 15 Apr 2019 15:36

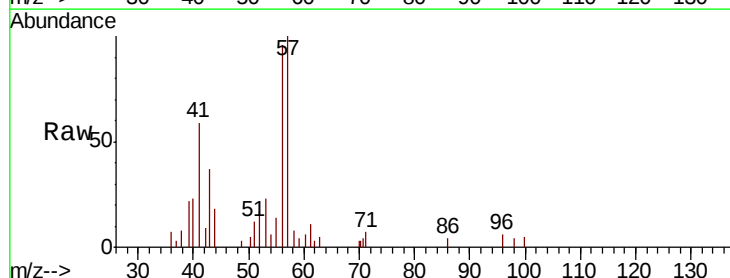
Tgt Ion: 53 Resp: 1138

Ion Ratio Lower Upper

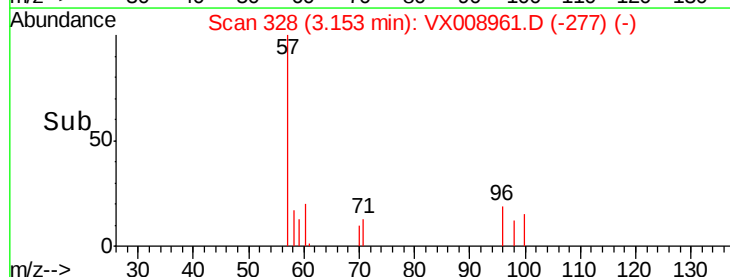
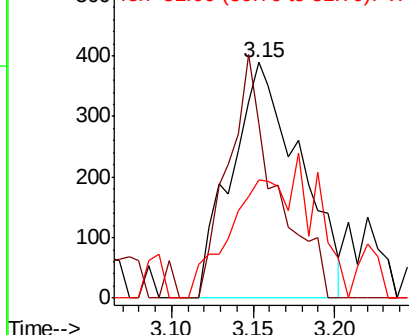
53 100

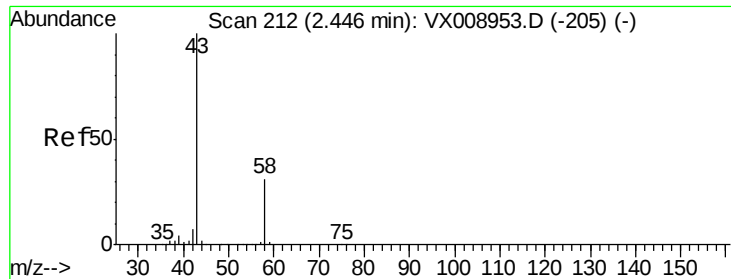
52 71.8 66.6 100.0

51 42.8 28.3 42.5#



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: 12.289 ug/l

RT: 2.39 min Scan# 203

Delta R.T. -0.06 min

Lab File: VX008961.D

Acq: 15 Apr 2019 15:36

Instrument :

MSVOA_X

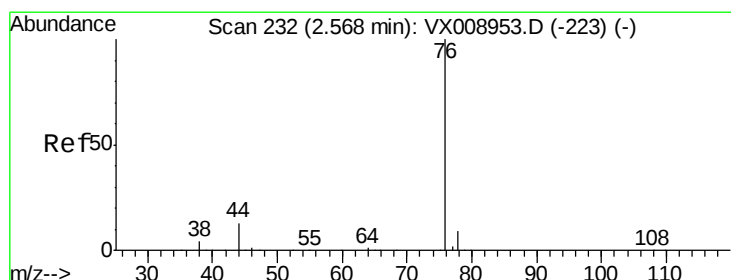
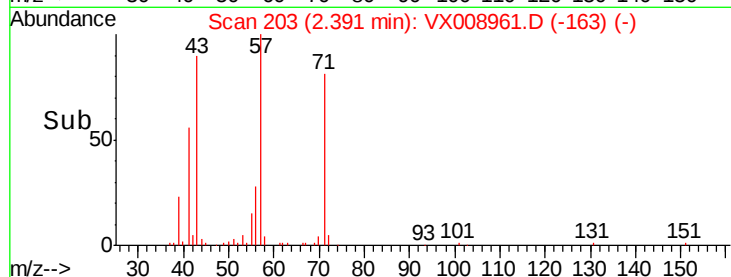
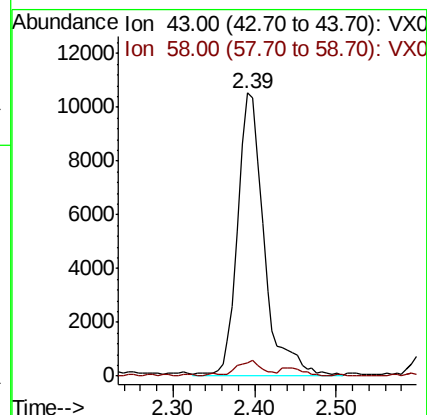
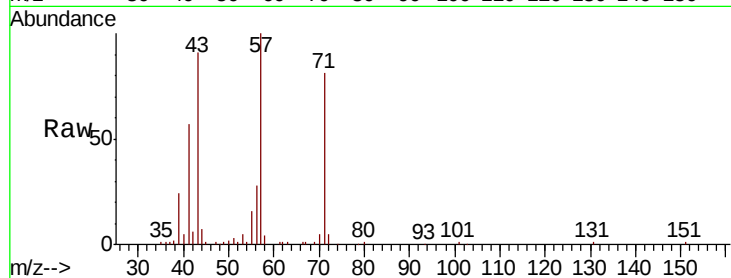
ClientSampleId :

Tot Ion: 43 Resp: 23671

Ion Ratio Lower Upper

43 100

58 4.3 24.8 37.2#



#17

Carbon Disulfide

Concen: 1.522 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX008961.D

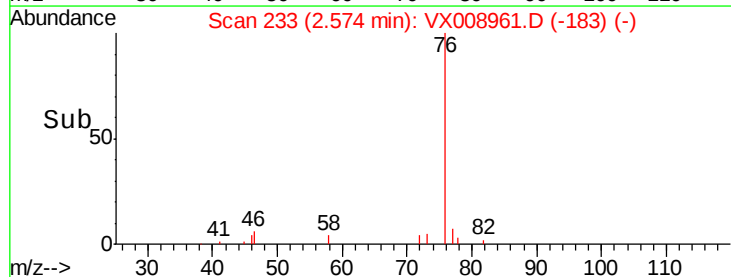
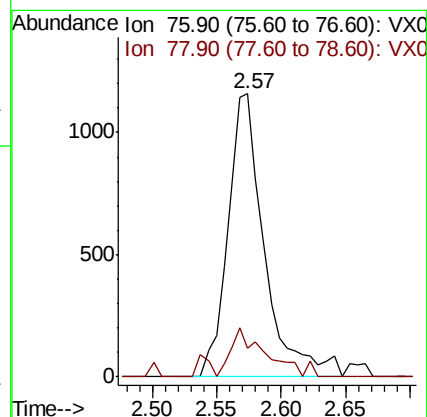
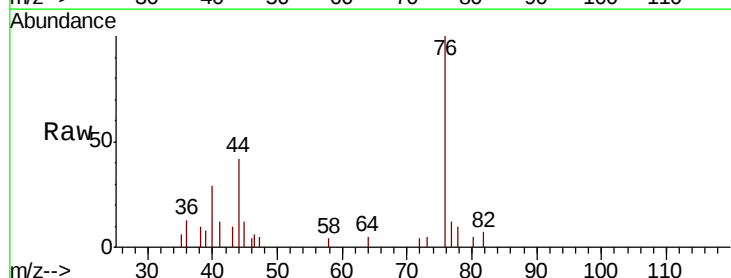
Acq: 15 Apr 2019 15:36

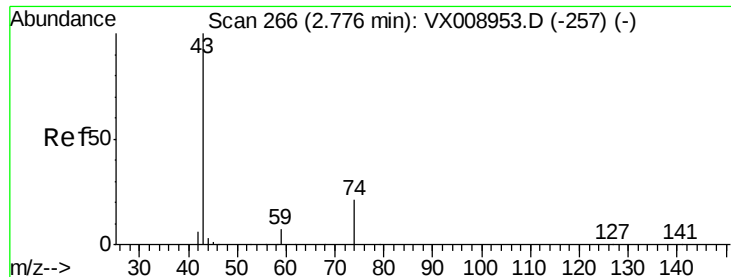
Tgt Ion: 76 Resp: 2294

Ion Ratio Lower Upper

76 100

78 10.2 7.2 10.8





#18

Methyl Acetate

Concen: 91.926 ug/l

RT: 2.84 min Scan# 277

Delta R.T. 0.07 min

Lab File: VX008961.D

Acq: 15 Apr 2019 15:36

Instrument :

MSVOA_X

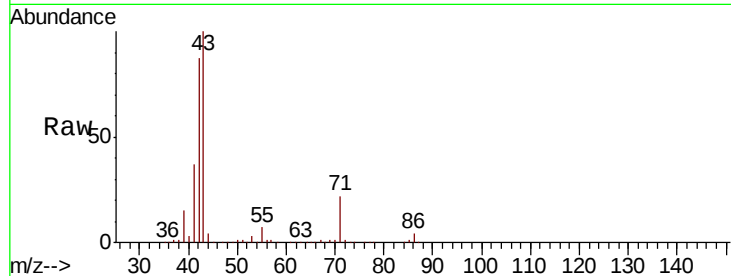
ClientSampleId :

Tot Ion: 43 Resp: 441911

Ion Ratio Lower Upper

43 100

74 0.0 16.6 25.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.84

200000

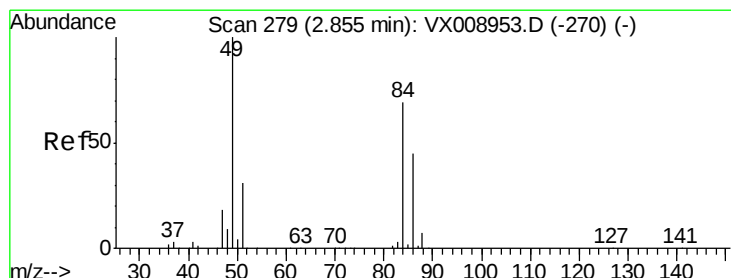
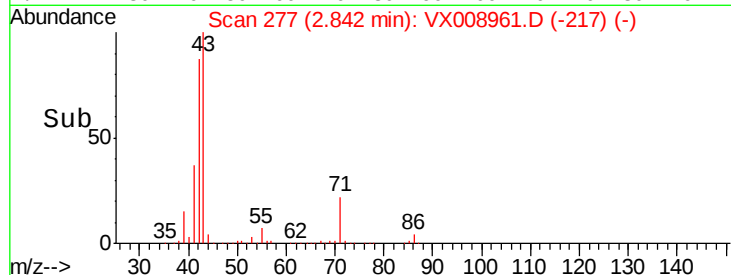
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 0.257 ug/l

RT: 2.84 min Scan# 277

Delta R.T. -0.01 min

Lab File: VX008961.D

Acq: 15 Apr 2019 15:36

Tgt Ion: 84 Resp: 846

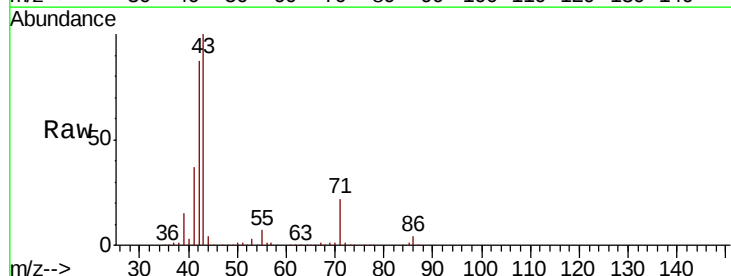
Ion Ratio Lower Upper

84 100

49 81.9 115.4 173.0#

51 825.5 35.8 53.6#

86 2448.9 52.1 78.1#



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

12000

10000

8000

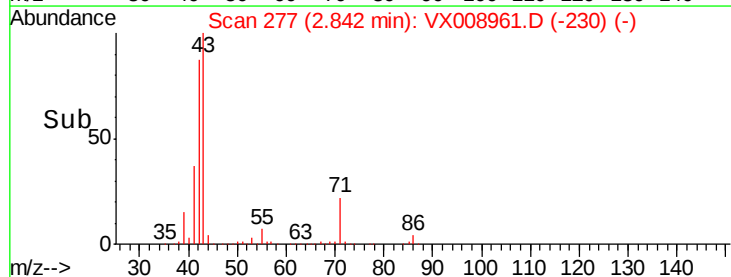
6000

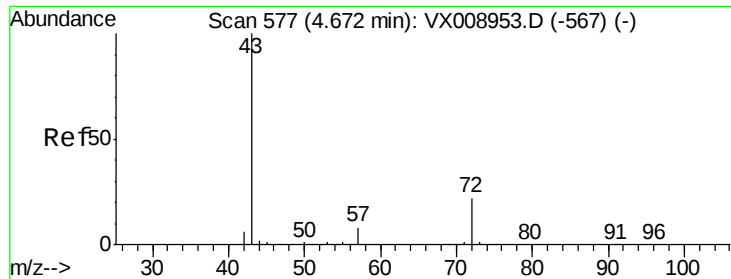
4000

2000

0

Time-->





#25

2-Butanone

Concen: 6.915 ug/l

RT: 4.56 min Scan# 558

Delta R.T. -0.12 min

Lab File: VX008961.D

Acq: 15 Apr 2019 15:36

Instrument :

MSVOA_X

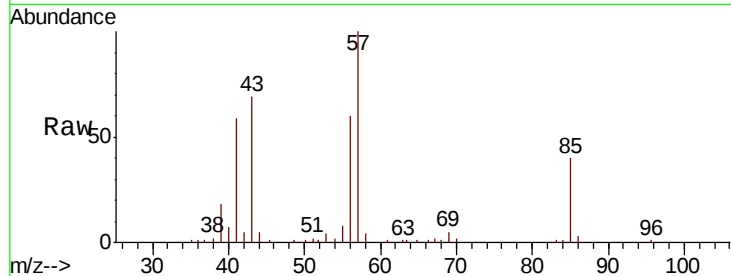
ClientSampleId :

Tot Ion: 43 Resp: 21291

Ion Ratio Lower Upper

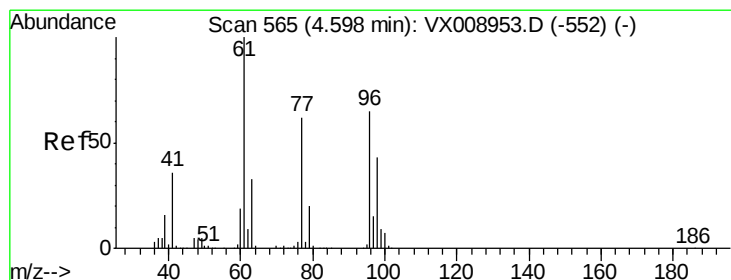
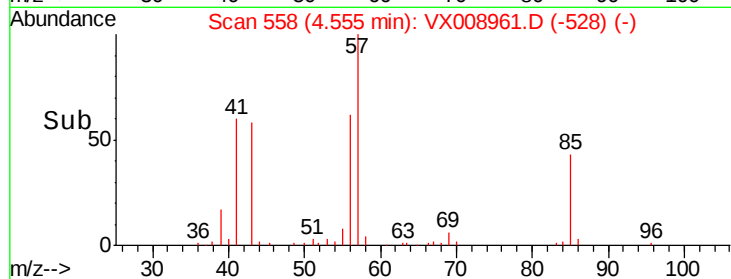
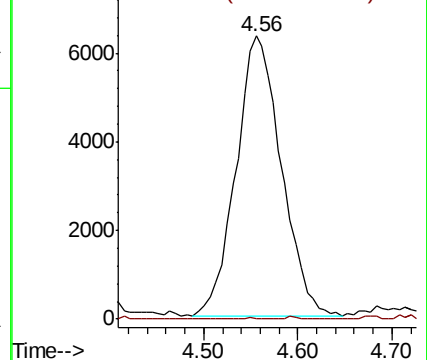
43 100

72 0.0 17.5 26.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#27

cis-1,2-Dichloroethene

Concen: 0.418 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.01 min

Lab File: VX008961.D

Acq: 15 Apr 2019 15:36

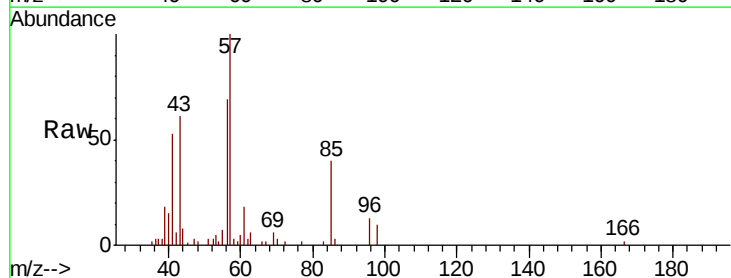
Tgt Ion: 96 Resp: 1431

Ion Ratio Lower Upper

96 100

61 143.6 0.0 322.0

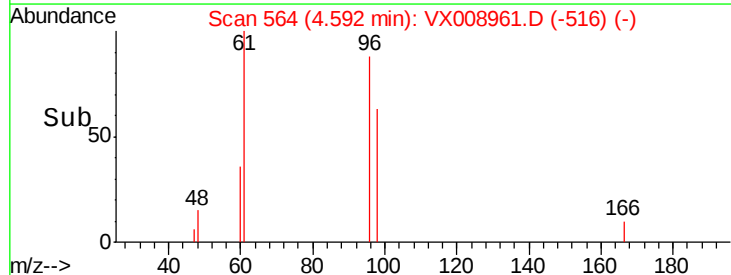
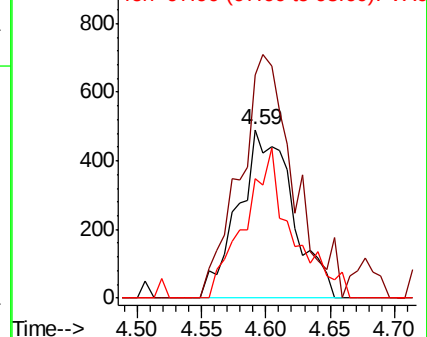
98 78.7 0.0 128.4

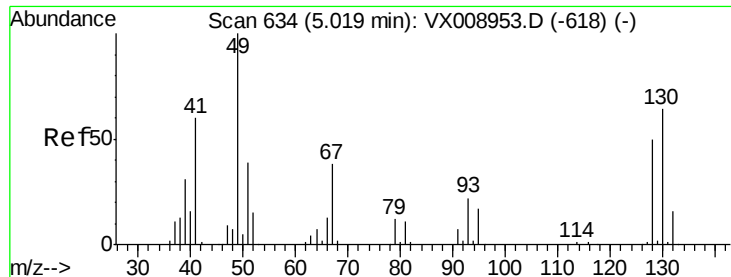


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#28

Bromochloromethane

Concen: Below Cal

RT: 5.02 min Scan# 634

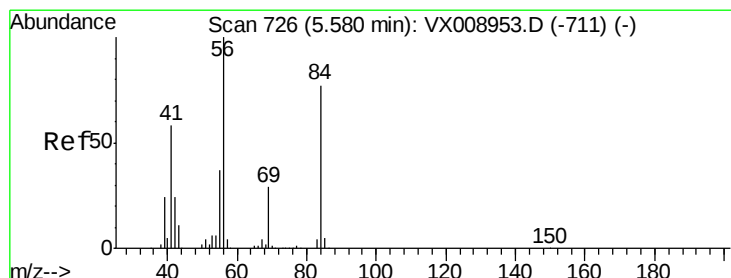
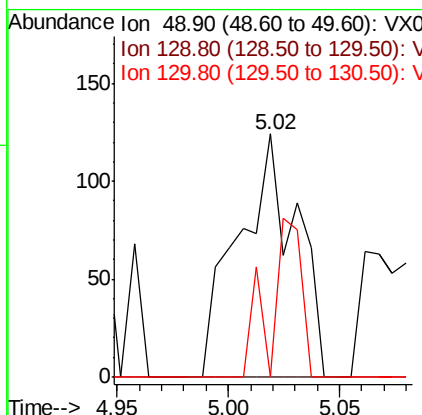
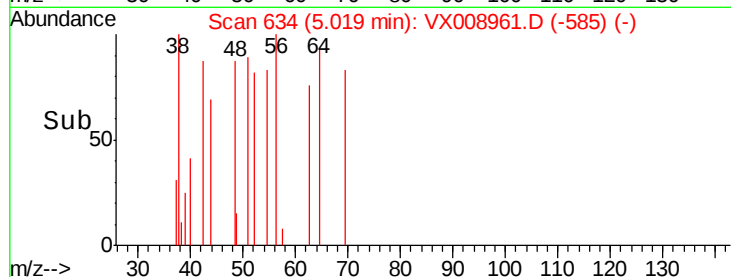
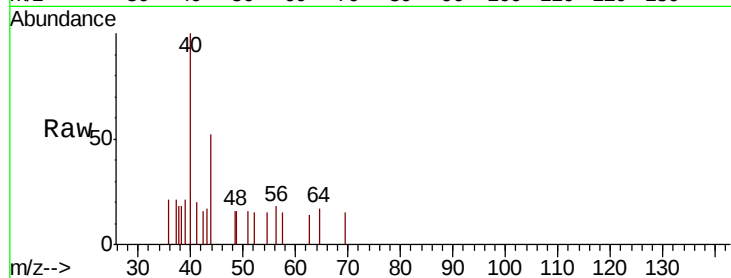
Delta R.T. -0.00 min

Lab File: VX008961.D

Acq: 15 Apr 2019 15:36

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 49 Resp: 224
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.6
130 34.8 50.4 75.6#



#31

Cyclohexane

Concen: 0.499 ug/l

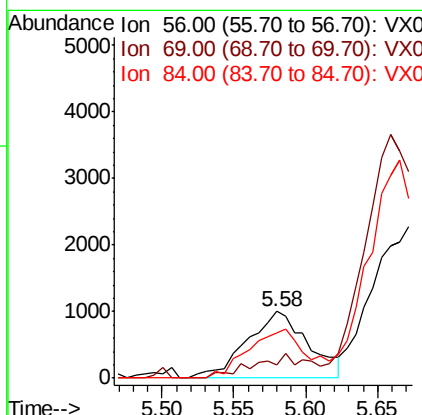
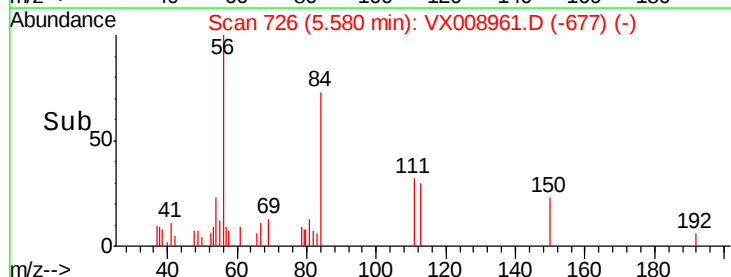
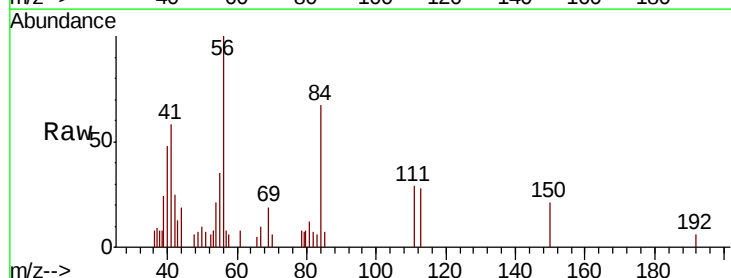
RT: 5.58 min Scan# 726

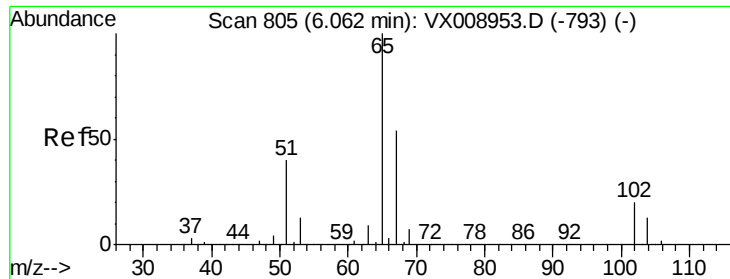
Delta R.T. -0.00 min

Lab File: VX008961.D

Acq: 15 Apr 2019 15:36

Tgt Ion: 56 Resp: 2951
Ion Ratio Lower Upper
56 100
69 19.4 23.3 34.9#
84 67.5 61.7 92.5

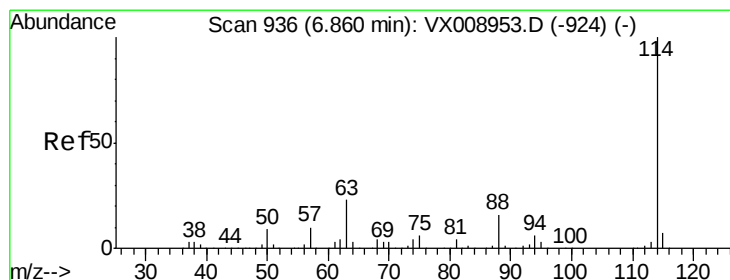
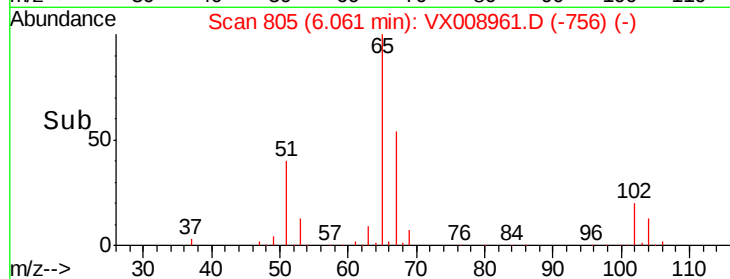
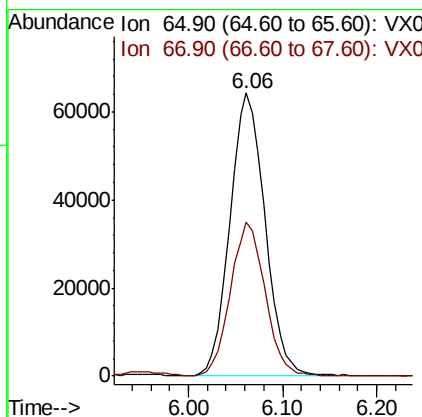
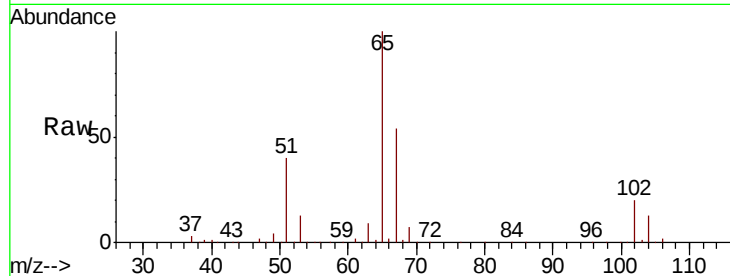




#33
 1,2-Dichloroethane-d4
 Concen: 44.802 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008961.D
 Acq: 15 Apr 2019 15:36

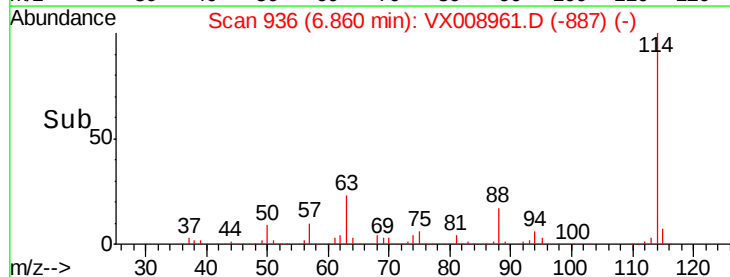
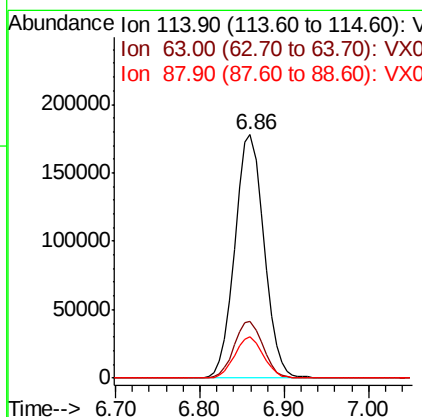
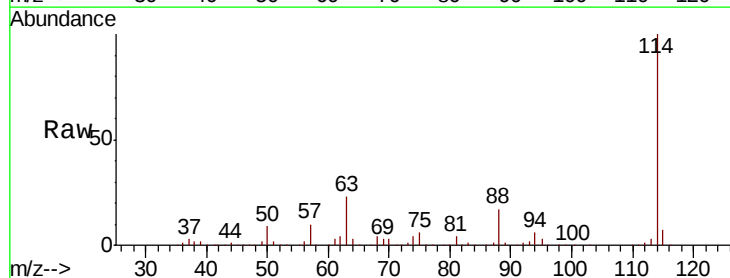
Instrument :
 MSVOA_X
 ClientSampleId :

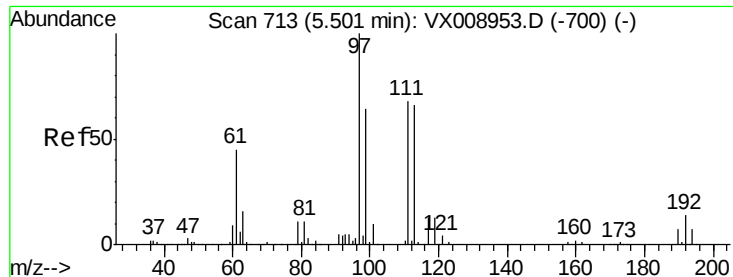
Tot Ion: 65 Resp: 166409
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008961.D
 Acq: 15 Apr 2019 15:36

Tgt Ion: 114 Resp: 416627
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 46.0
 88 16.8 0.0 32.6

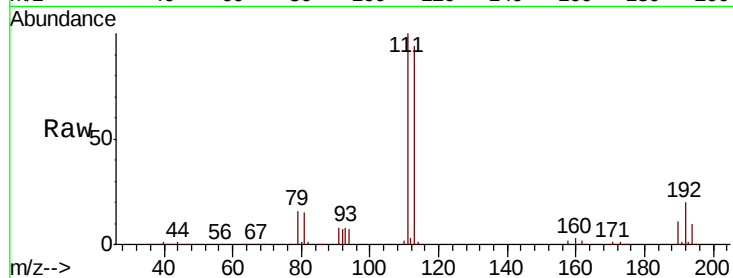




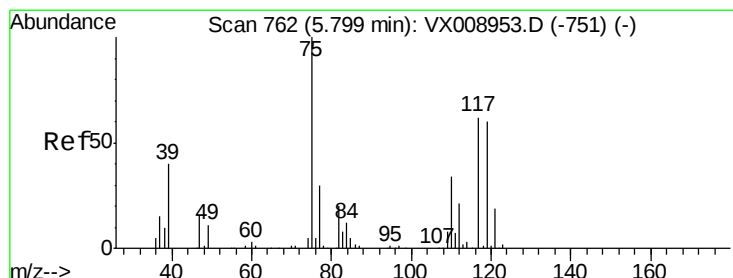
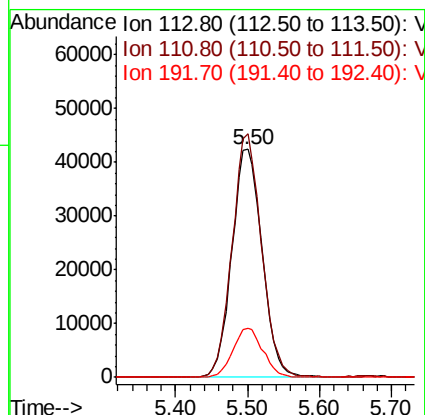
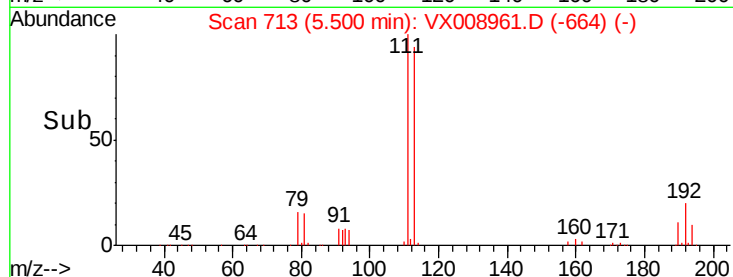
#35
 Dibromofluoromethane
 Concen: 46.441 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX008961.D
 Acq: 15 Apr 2019 15:36

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.9	124.3
192	21.4	17.4	26.0

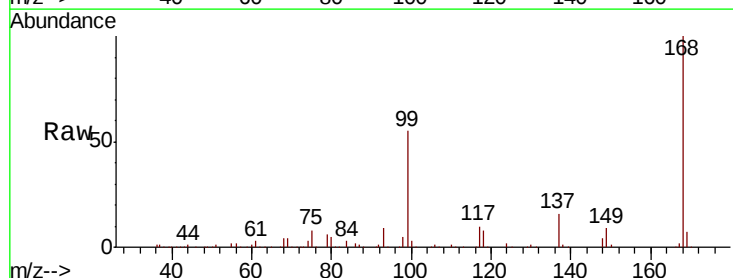


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

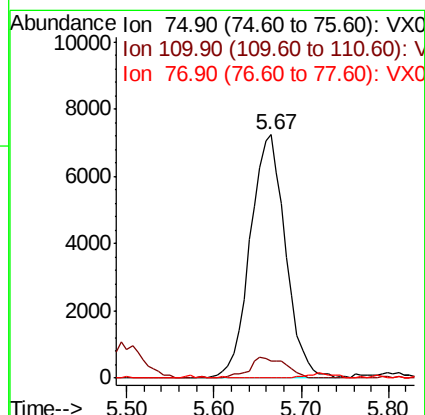
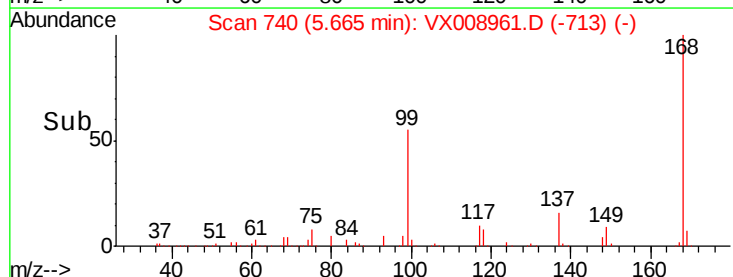


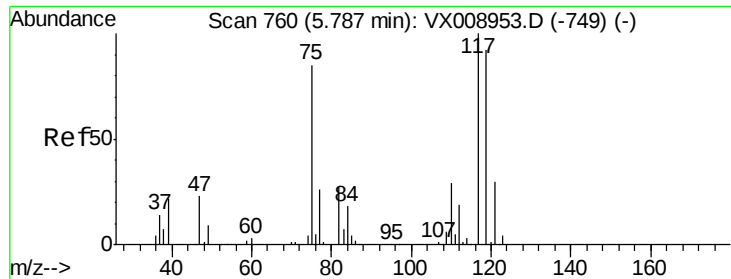
#36
 1,1-Dichloropropene
 Concen: 4.720 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX008961.D
 Acq: 15 Apr 2019 15:36

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.8	16.9	50.7#
77	0.0	25.0	37.4#



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

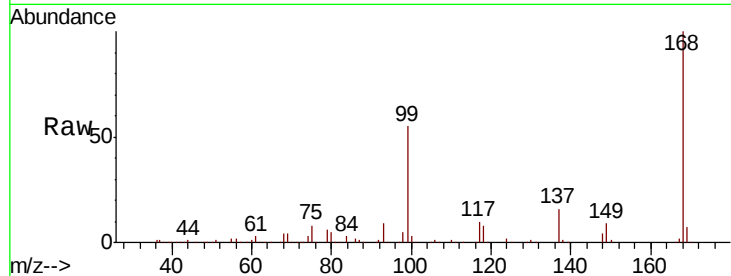




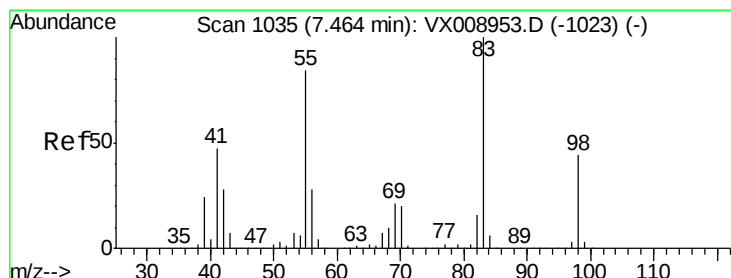
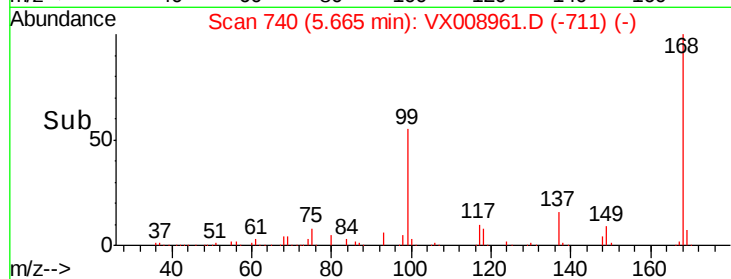
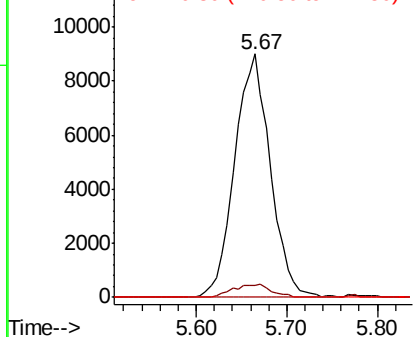
#38
Carbon Tetrachloride
Concen: 6.697 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX008961.D
Acq: 15 Apr 2019 15:36

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 24464
Ion Ratio Lower Upper
117 100
119 5.1 73.8 110.8#
121 0.0 23.6 35.4#

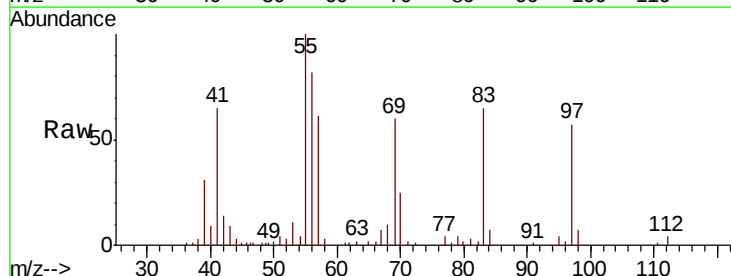


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

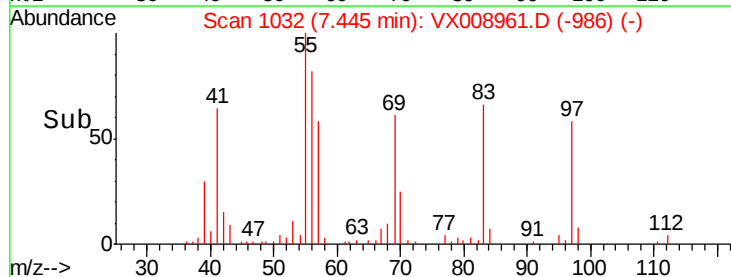
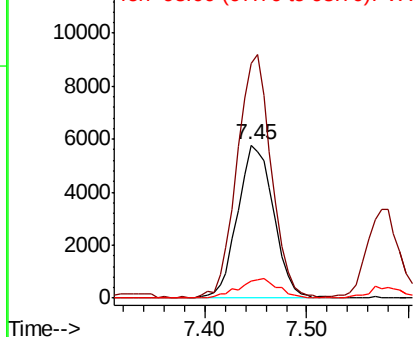


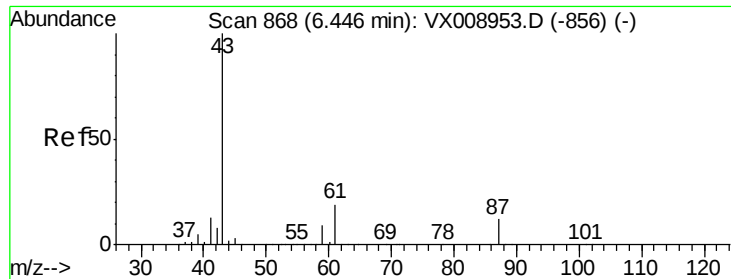
#39
Methylcyclohexane
Concen: 2.694 ug/l
RT: 7.45 min Scan# 1032
Delta R.T. -0.02 min
Lab File: VX008961.D
Acq: 15 Apr 2019 15:36

Tgt Ion: 83 Resp: 14135
Ion Ratio Lower Upper
83 100
55 153.3 67.1 100.7#
98 11.5 35.1 52.7#



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



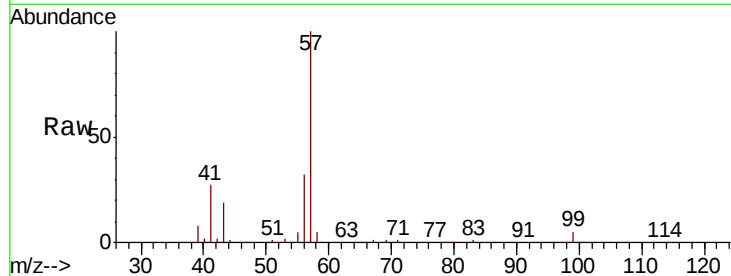


#43

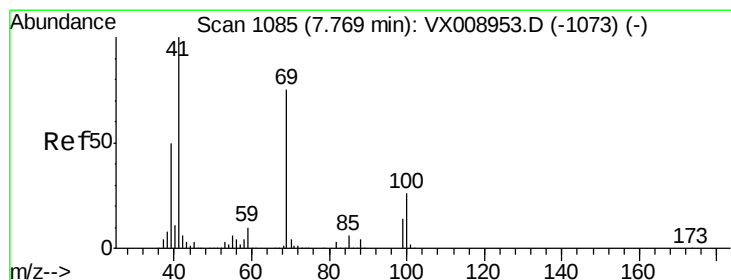
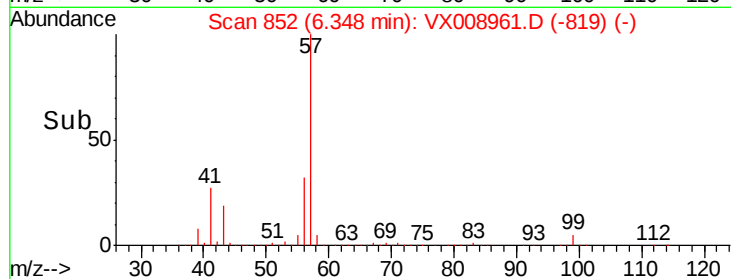
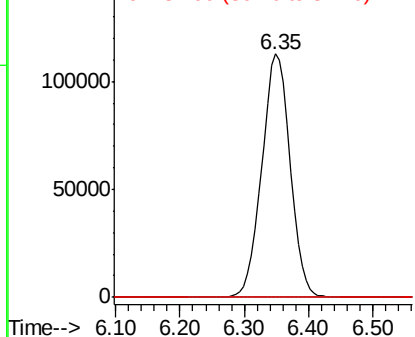
Isopropyl Acetate
 Concen: 38.587 ug/l
 RT: 6.35 min Scan# 852
 Delta R.T. -0.10 min
 Lab File: VX008961.D
 Acq: 15 Apr 2019 15:36

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 43 Resp: 344769
 Ion Ratio Lower Upper
 43 100
 61 0.1 15.4 23.0#
 87 0.0 9.0 13.4#



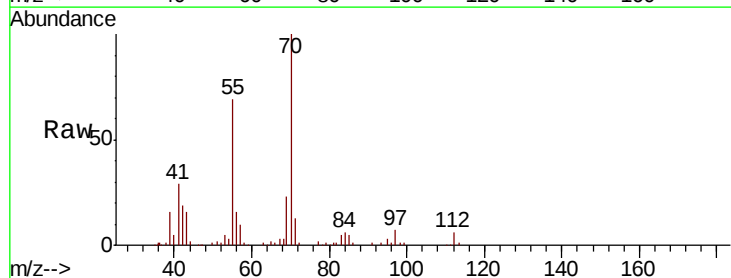
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



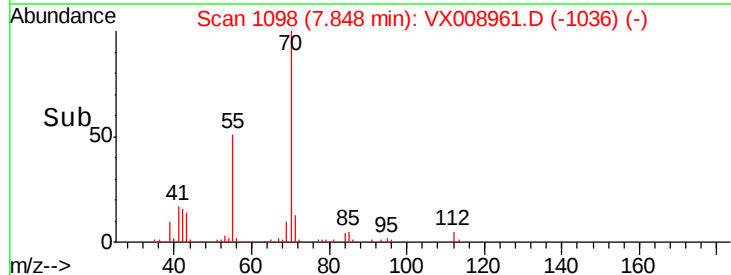
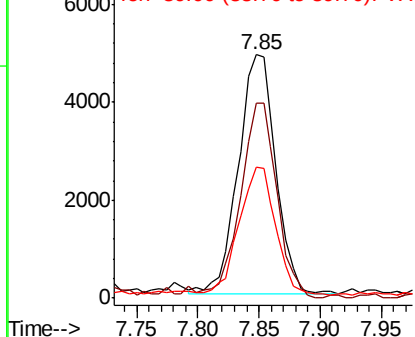
#48

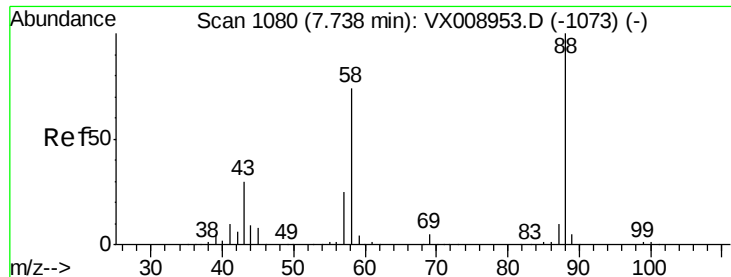
Methyl methacrylate
 Concen: 2.351 ug/l
 RT: 7.85 min Scan# 1098
 Delta R.T. 0.08 min
 Lab File: VX008961.D
 Acq: 15 Apr 2019 15:36

Tgt Ion: 41 Resp: 10380
 Ion Ratio Lower Upper
 41 100
 69 80.0 59.4 89.2
 39 52.2 39.8 59.6



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

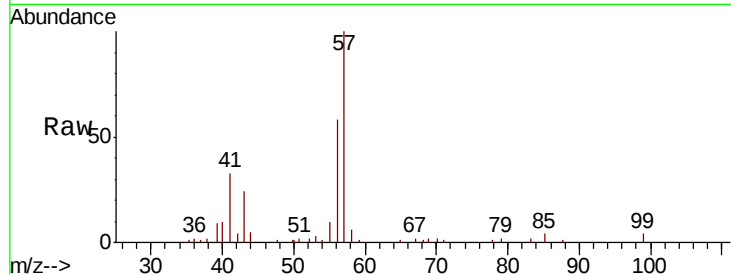




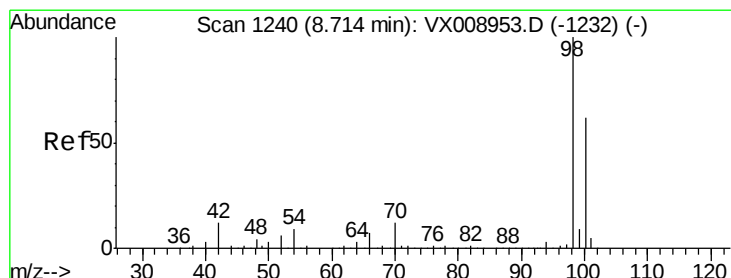
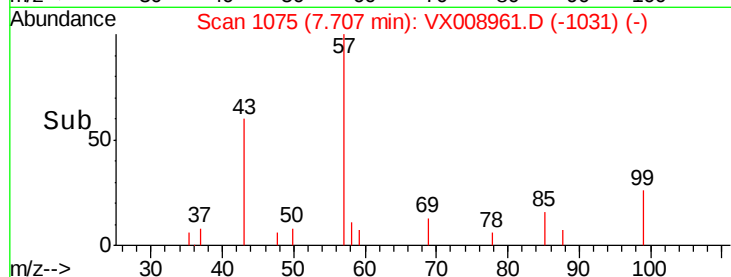
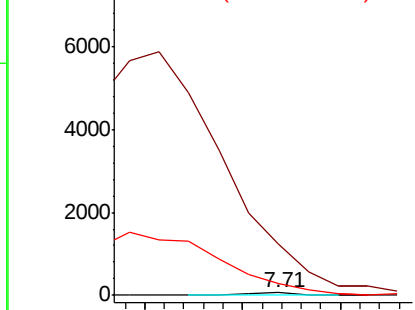
#49
1,4-Dioxane
Concen: 0.508 ug/l
RT: 7.71 min Scan# 1075
Delta R.T. -0.03 min
Lab File: VX008961.D
Acq: 15 Apr 2019 15:36

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	29.3	43.9#
58	0.0	62.6	93.8#

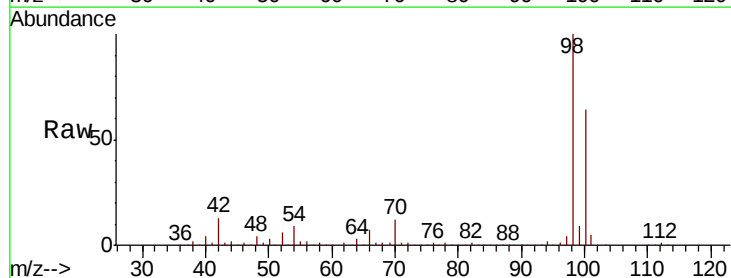


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

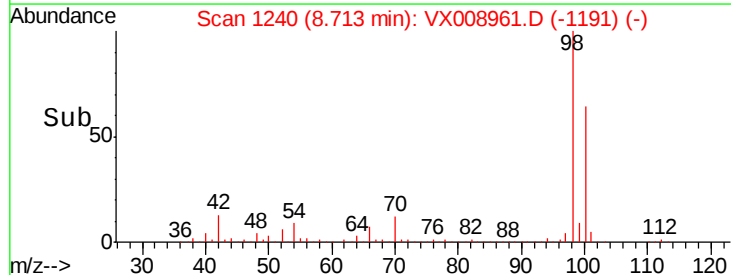
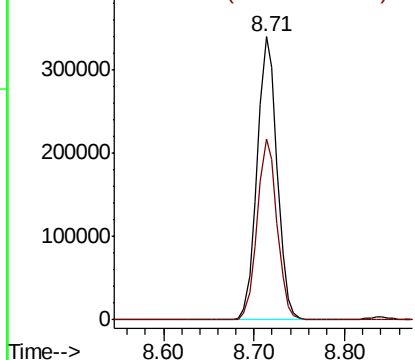


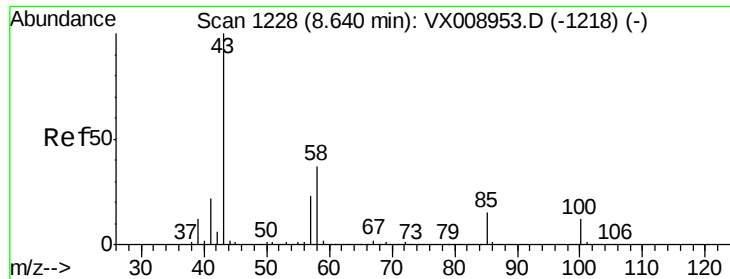
#50
Toluene-d8
Concen: 48.682 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008961.D
Acq: 15 Apr 2019 15:36

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.6	51.4	77.2



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





#51

4-Methyl-2-Pentanone

Concen: 3.594 ug/l

RT: 8.68 min Scan# 1234

Delta R.T. 0.04 min

Lab File: VX008961.D

Acq: 15 Apr 2019 15:36

Instrument :

MSVOA_X

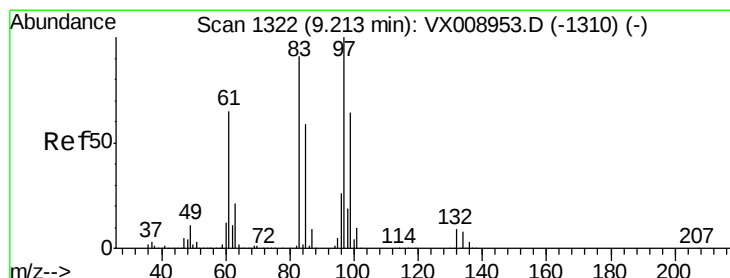
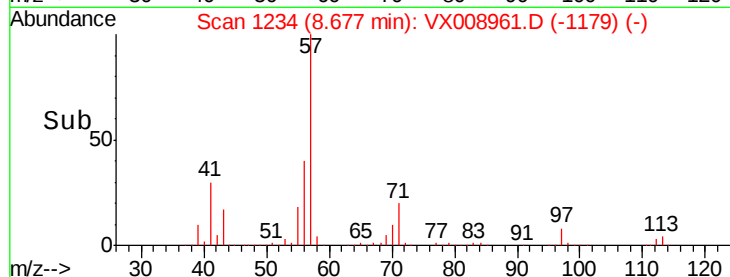
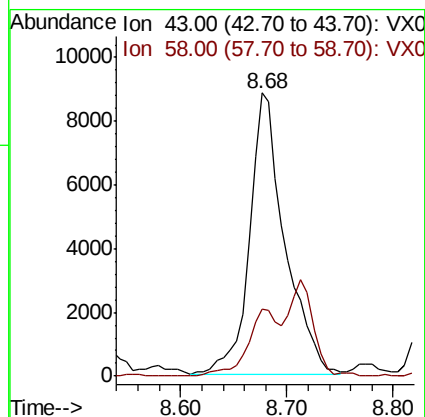
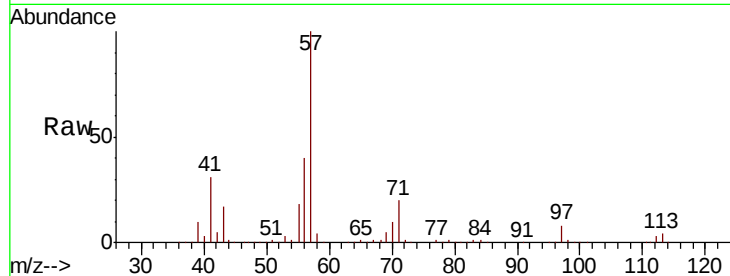
ClientSampleId :

Tot Ion: 43 Resp: 20459

Ion Ratio Lower Upper

43 100

58 21.4 29.8 44.6#



#55

1,1,2-Trichloroethane

Concen: 4.588 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX008961.D

Acq: 15 Apr 2019 15:36

Tgt Ion: 97 Resp: 13851

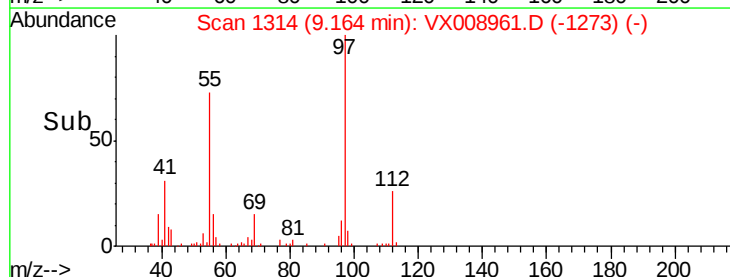
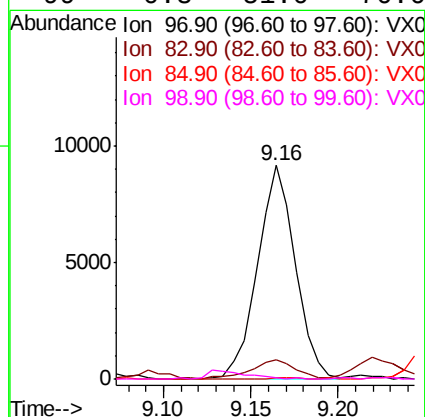
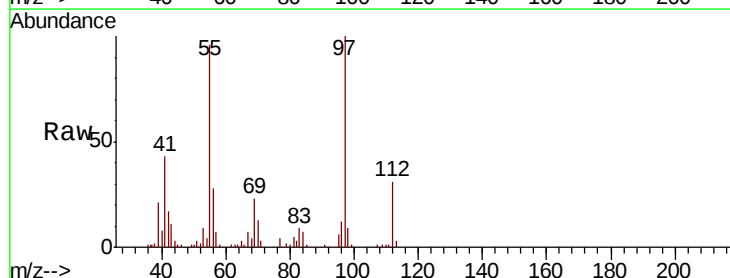
Ion Ratio Lower Upper

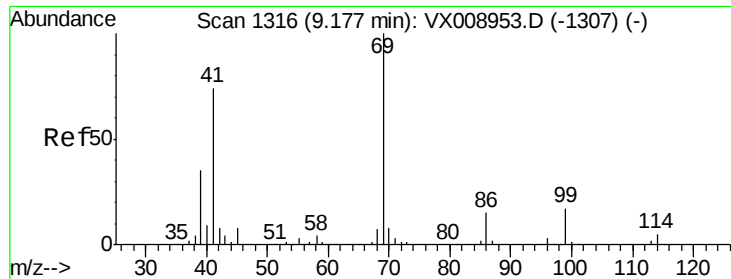
97 100

83 7.9 72.6 108.8#

85 0.8 46.9 70.3#

99 0.8 51.0 76.6#





#56

Ethyl methacrylate

Concen: 0.634 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.01 min

Lab File: VX008961.D

Acq: 15 Apr 2019 15:36

Instrument :
MSVOA_X
ClientSampled :

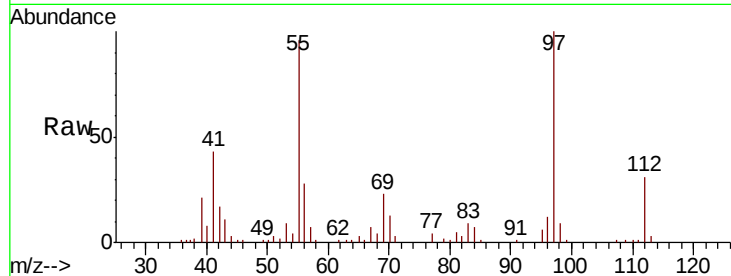
Tot Ion: 69 Resp: 3430

Ion Ratio Lower Upper

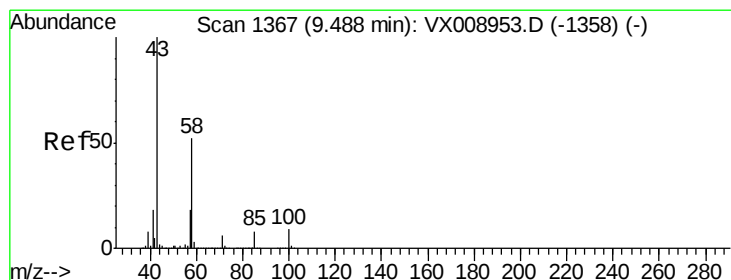
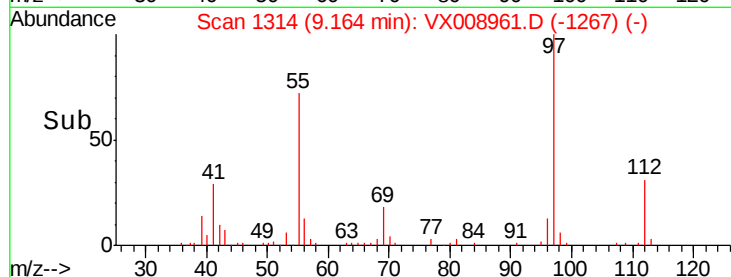
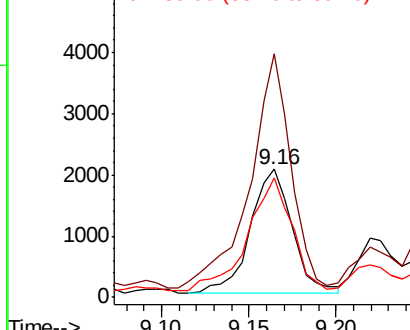
69 100

41 181.9 60.2 90.2#

39 96.1 27.9 41.9#



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



#59

2-Hexanone

Concen: 0.272 ug/l

RT: 9.51 min Scan# 1370

Delta R.T. 0.02 min

Lab File: VX008961.D

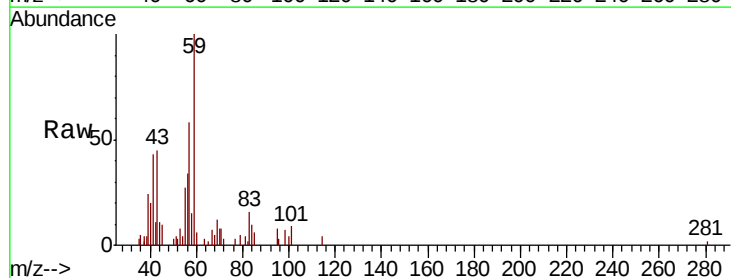
Acq: 15 Apr 2019 15:36

Tgt Ion: 43 Resp: 1195

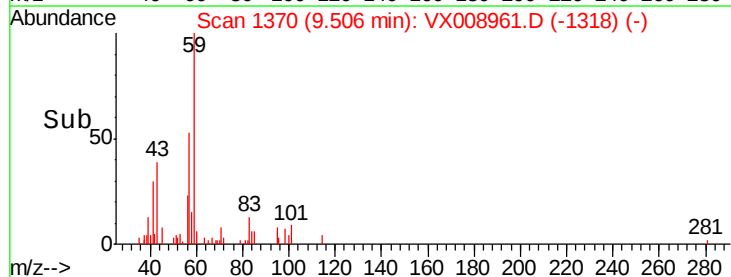
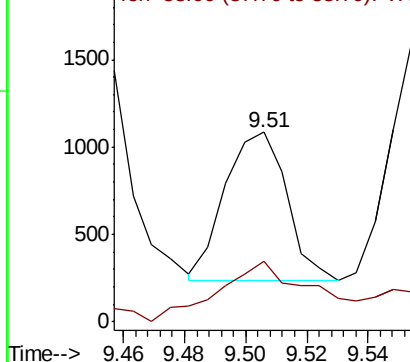
Ion Ratio Lower Upper

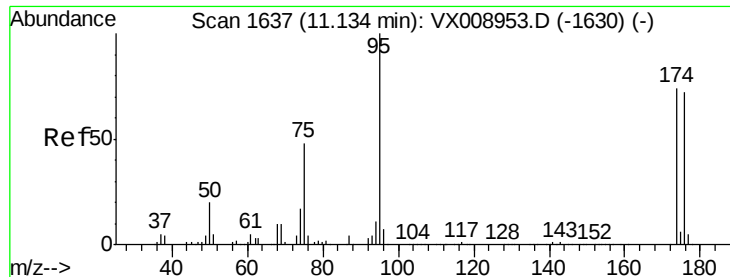
43 100

58 61.9 25.9 77.8



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





#62

4-Bromofluorobenzene

Concen: 46.521 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008961.D

Acq: 15 Apr 2019 15:36

Instrument :

MSVOA_X

ClientSampleId :

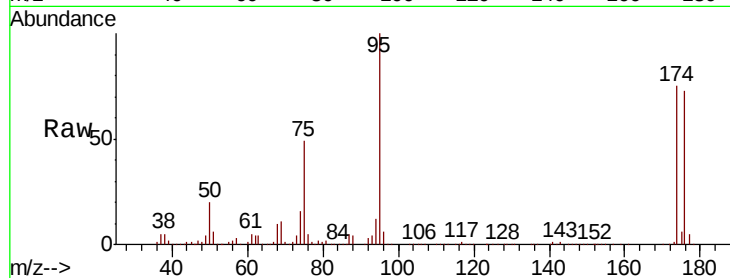
Tot Ion: 95 Resp: 175114

Ion Ratio Lower Upper

95 100

174 79.7 0.0 159.6

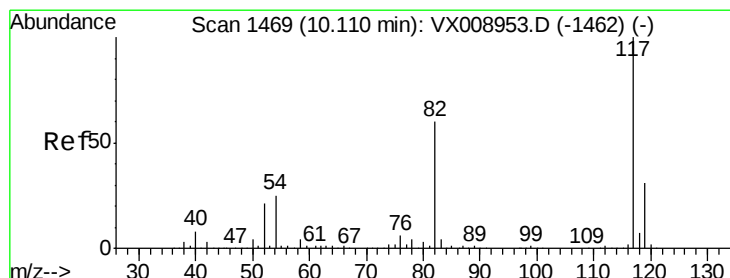
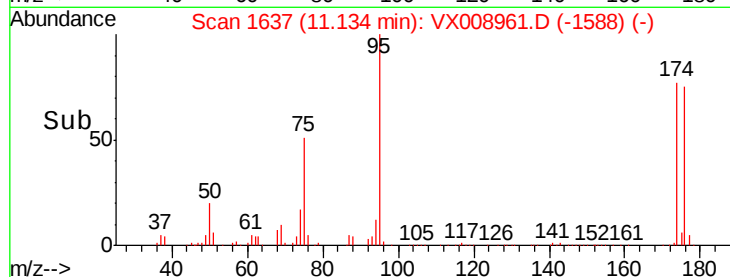
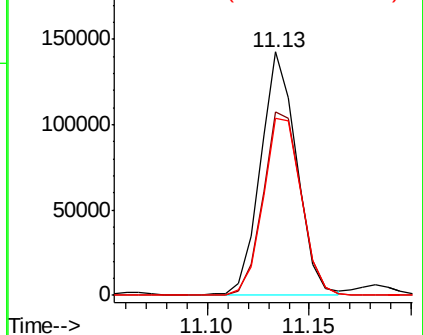
176 78.0 0.0 154.8



Abundance Ion 94.90 (94.60 to 95.60): VX008961.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX008961.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX008961.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX008961.D

Acq: 15 Apr 2019 15:36

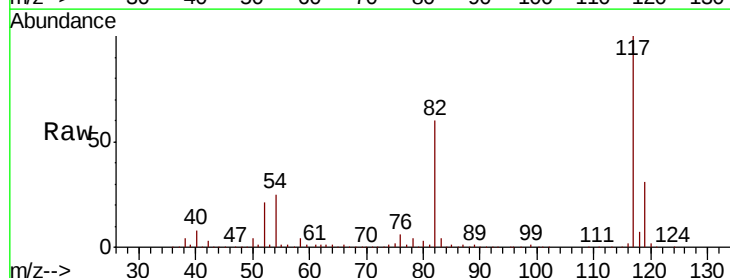
Tgt Ion: 117 Resp: 359685

Ion Ratio Lower Upper

117 100

82 59.9 48.2 72.4

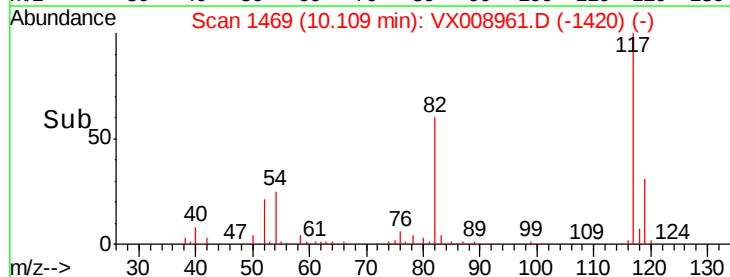
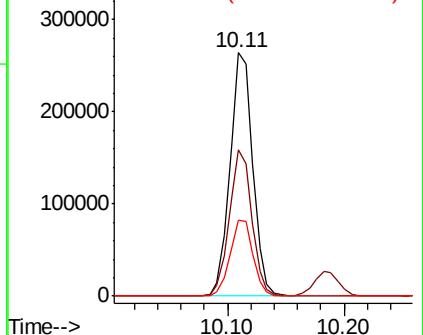
119 31.3 25.0 37.6

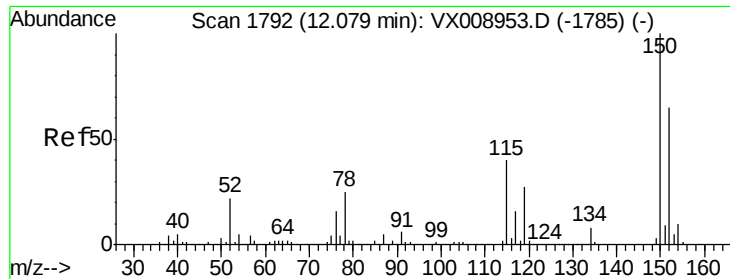


Abundance Ion 116.90 (116.60 to 117.60): VX008961.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX008961.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX008961.D (-1420) (-)



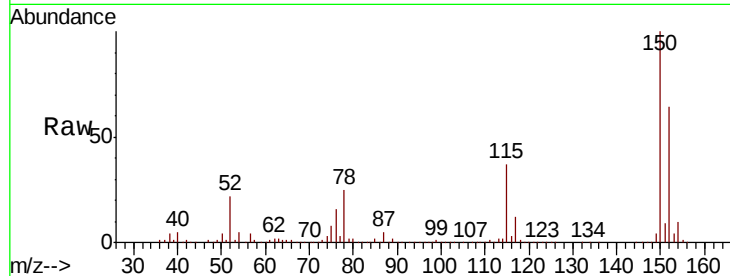


#72

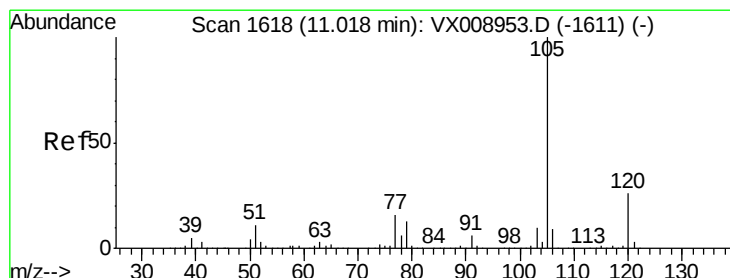
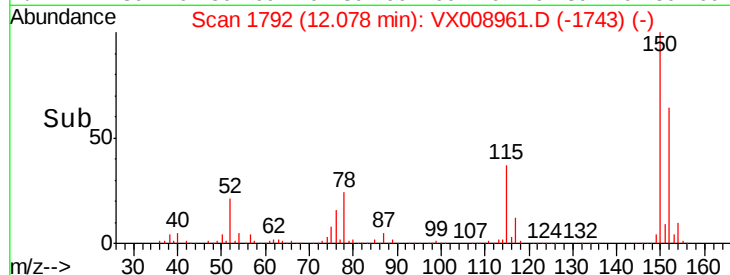
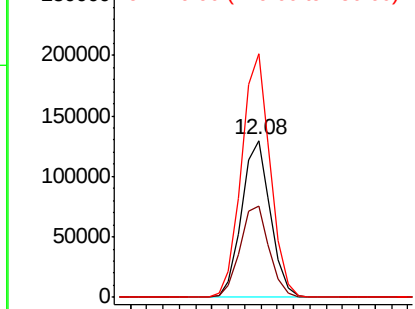
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008961.D
Acq: 15 Apr 2019 15:36

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:152 Resp: 158666
Ion Ratio Lower Upper
152 100
115 59.3 41.4 124.2
150 155.3 0.0 349.8



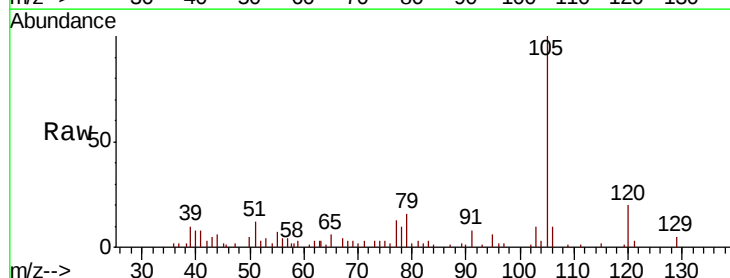
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



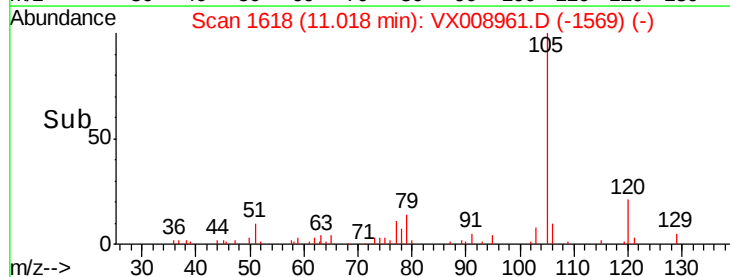
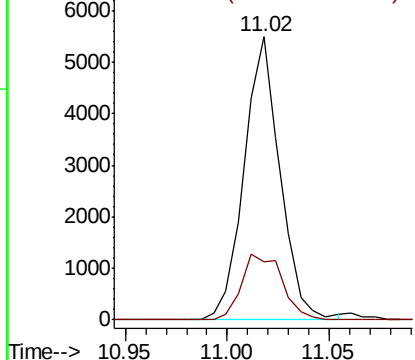
#73

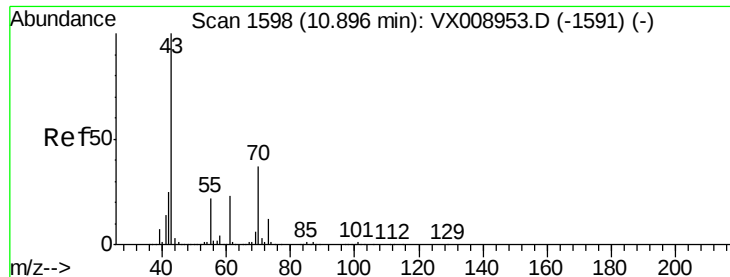
Isopropylbenzene
Concen: 0.558 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX008961.D
Acq: 15 Apr 2019 15:36

Tgt Ion:105 Resp: 6714
Ion Ratio Lower Upper
105 100
120 26.2 12.9 38.7



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





#74

N-amvl acetate

Concen: 0.294 ug/l

RT: 10.91 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VX008961.D

Acq: 15 Apr 2019 15:36

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 43 Resp: 2027

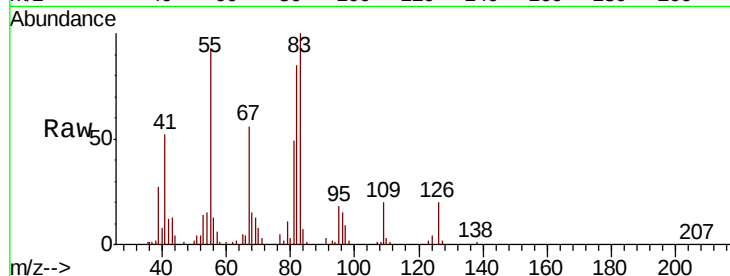
Ion Ratio Lower Upper

43 100

70 93.5 29.9 44.9#

55 753.6 17.8 26.8#

61 0.0 18.3 27.5#

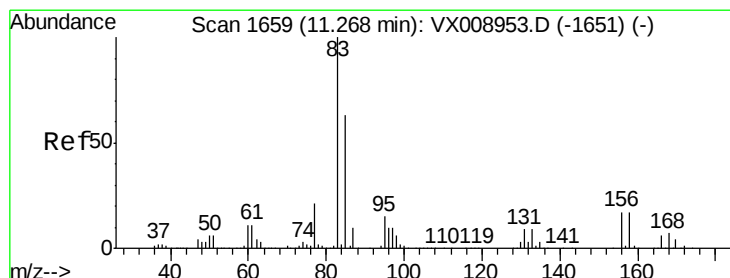
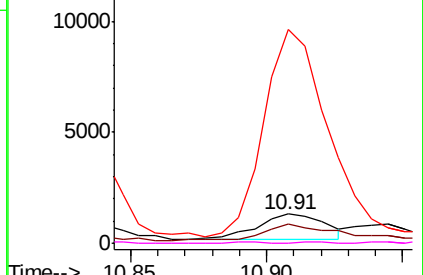
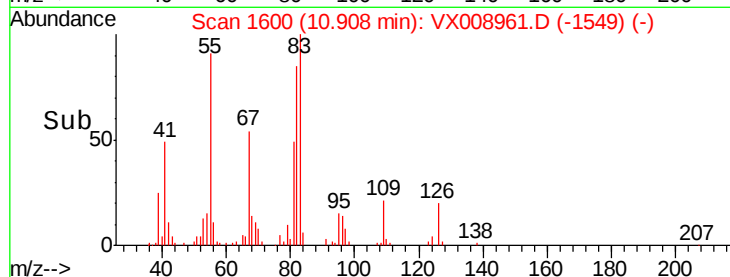


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 0.378 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX008961.D

Acq: 15 Apr 2019 15:36

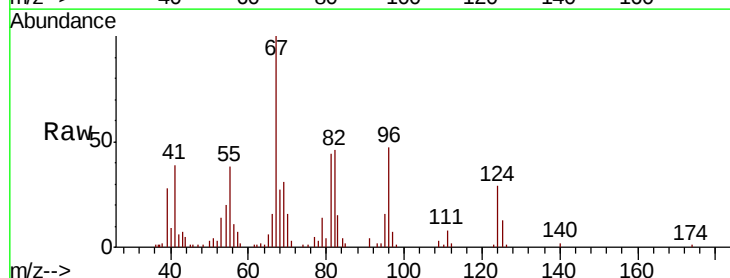
Tgt Ion: 83 Resp: 1660

Ion Ratio Lower Upper

83 100

131 0.0 4.7 14.0#

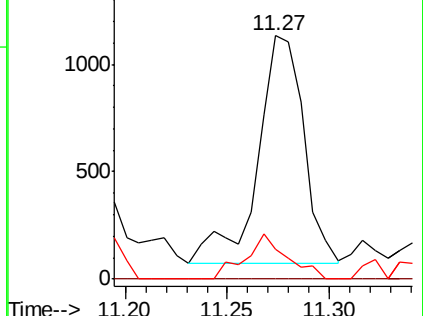
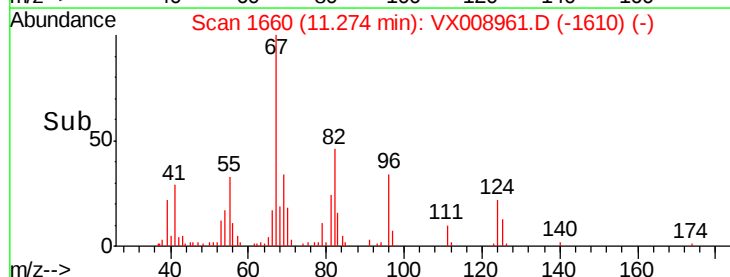
85 18.2 31.9 95.9#

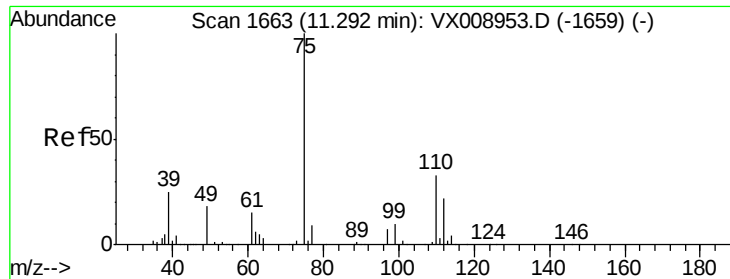


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 22.913 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX008961.D

Acq: 15 Apr 2019 15:36

Instrument :

MSVOA_X

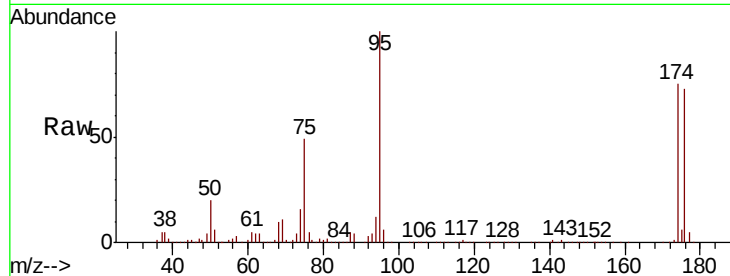
ClientSampleId :

Tot Ion: 75 Resp: 88774

Ion Ratio Lower Upper

75 100

77 1.3 22.7 68.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

11.13

80000

60000

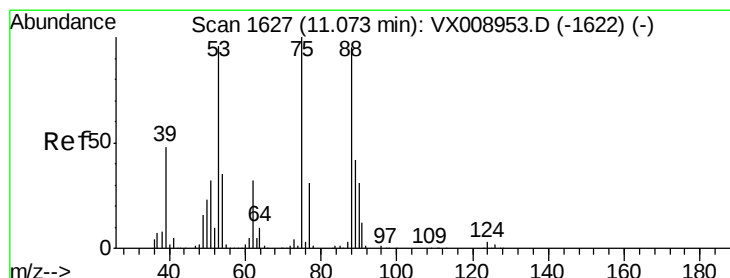
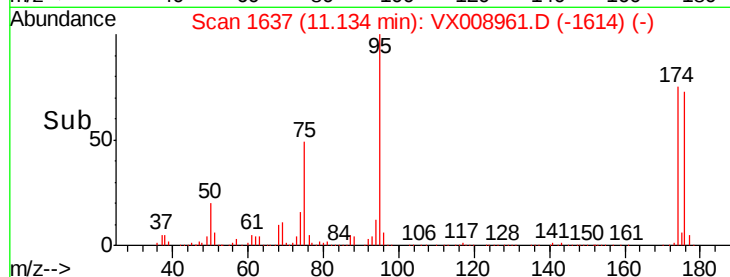
40000

20000

0

Time-->

11.10 11.20



#81

trans-1,4-Dichloro-2-butene

Concen: 58.825 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX008961.D

Acq: 15 Apr 2019 15:36

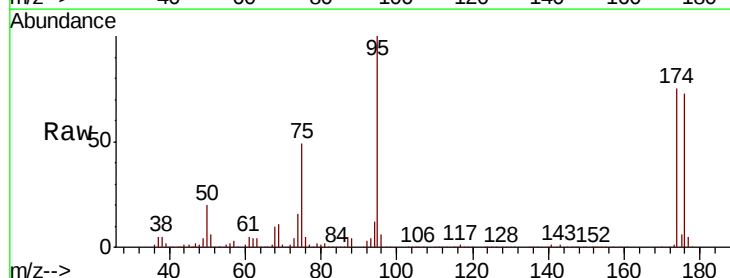
Tgt Ion: 75 Resp: 88774

Ion Ratio Lower Upper

75 100

53 0.0 78.2 117.4#

89 0.0 36.0 54.0#



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

11.13

80000

60000

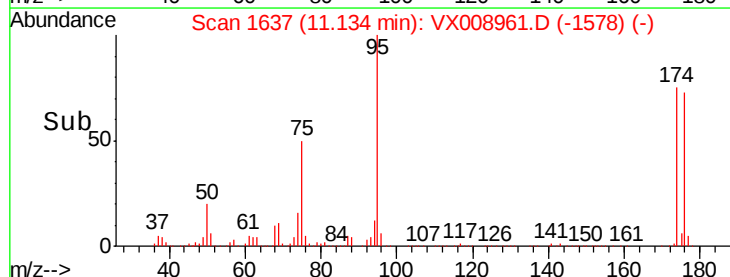
40000

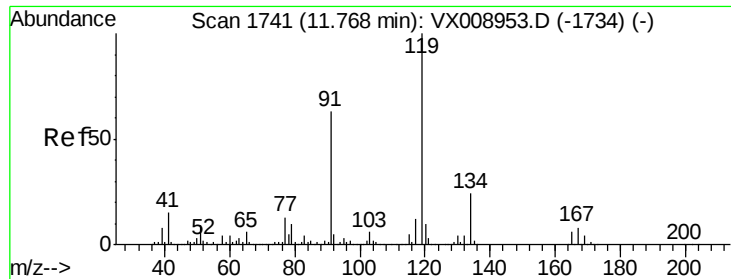
20000

0

Time-->

11.10 11.20

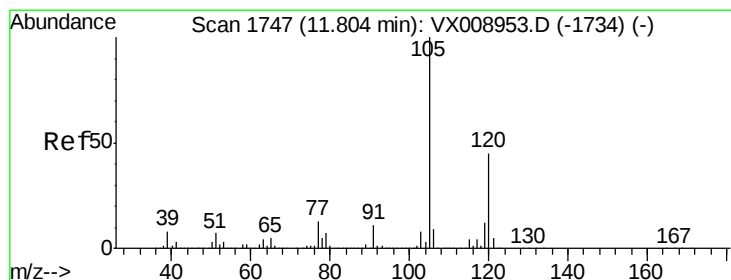
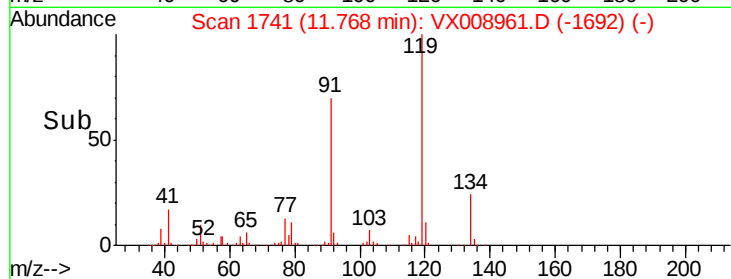
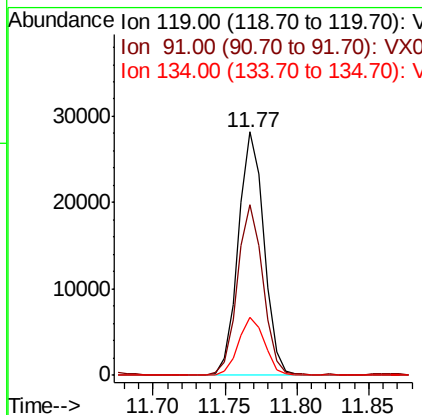
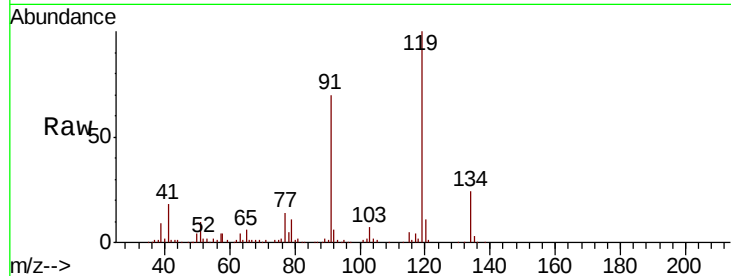




#83
 tert-Butylbenzene
 Concen: 3.619 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX008961.D
 Acq: 15 Apr 2019 15:36

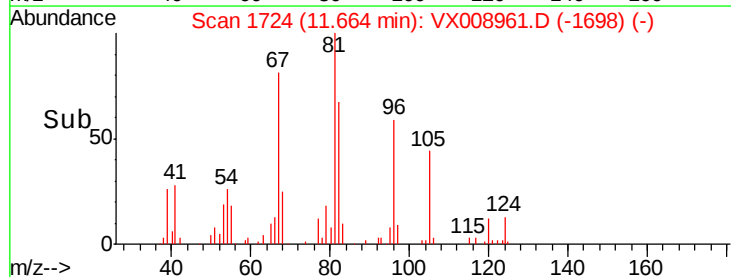
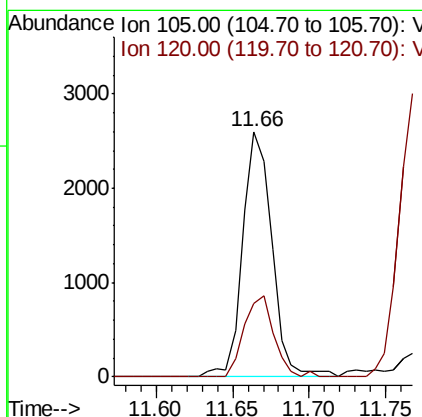
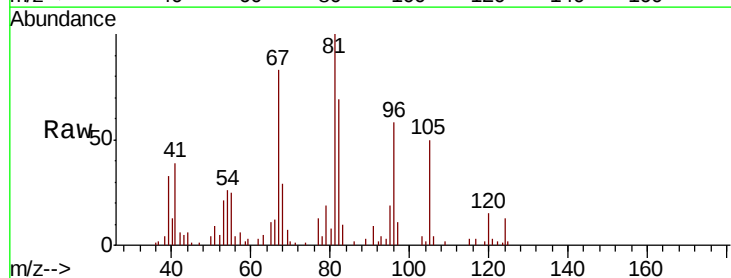
Instrument :
 MSVOA_X
 ClientSampleId :

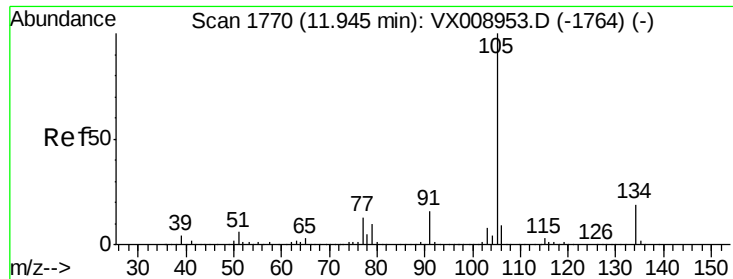
Tot Ion:119 Resp: 35070
 Ion Ratio Lower Upper
 119 100
 91 70.1 29.7 89.1
 134 24.2 11.2 33.5



#84
 1,2,4-Trimethylbenzene
 Concen: 0.337 ug/l
 RT: 11.66 min Scan# 1724
 Delta R.T. -0.14 min
 Lab File: VX008961.D
 Acq: 15 Apr 2019 15:36

Tgt Ion:105 Resp: 3466
 Ion Ratio Lower Upper
 105 100
 120 33.8 21.9 65.8





#85

sec-Butylbenzene

Concen: 2.021 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008961.D

Acq: 15 Apr 2019 15:36

Instrument :

MSVOA_X

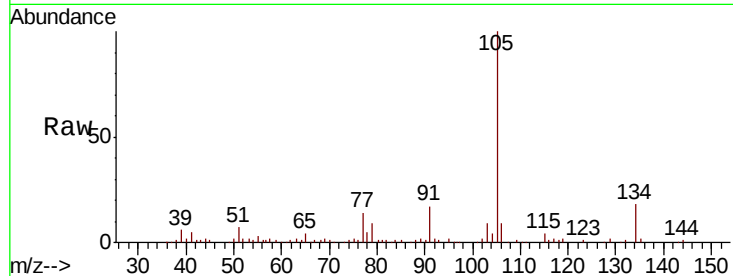
ClientSampleId :

Tot Ion:105 Resp: 23359

Ion Ratio Lower Upper

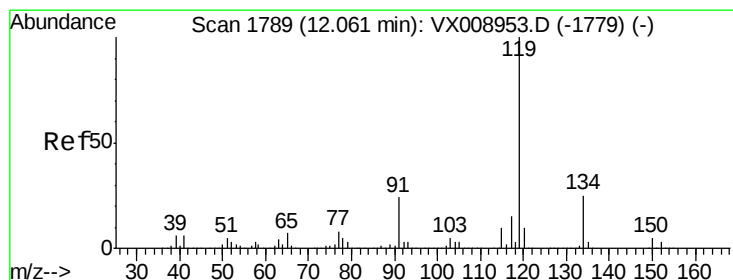
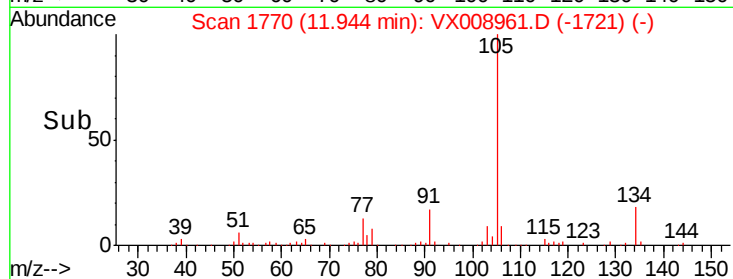
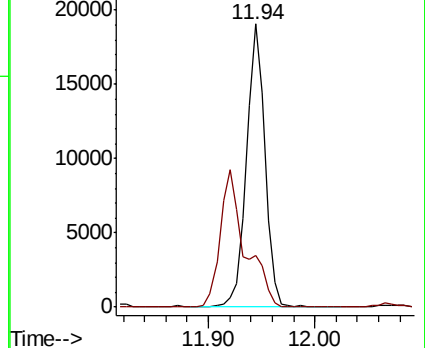
105 100

134 0.0 9.6 28.6#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 8.665 ug/l

RT: 12.23 min Scan# 1817

Delta R.T. 0.17 min

Lab File: VX008961.D

Acq: 15 Apr 2019 15:36

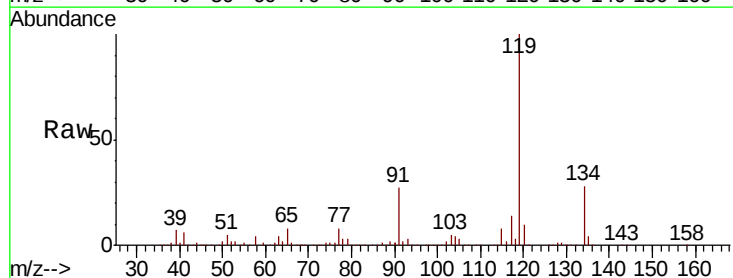
Tgt Ion:119 Resp: 92066

Ion Ratio Lower Upper

119 100

134 27.2 12.9 38.6

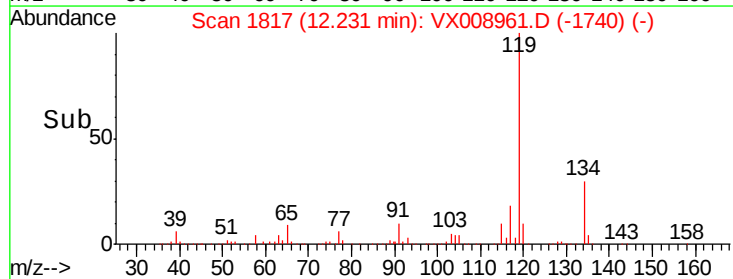
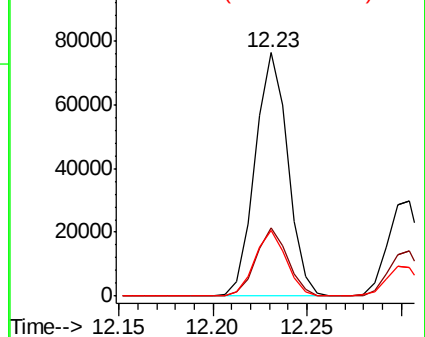
91 25.8 11.9 35.5

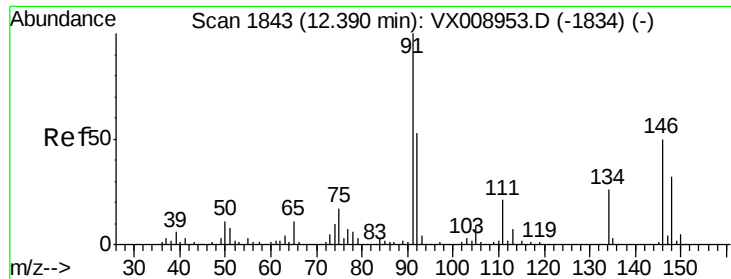


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#89

n-Butylbenzene

Concen: 0.619 ug/l

RT: 12.37 min Scan# 1839

Delta R.T. -0.02 min

Lab File: VX008961.D

Acq: 15 Apr 2019 15:36

Instrument :

MSVOA_X

ClientSampled :

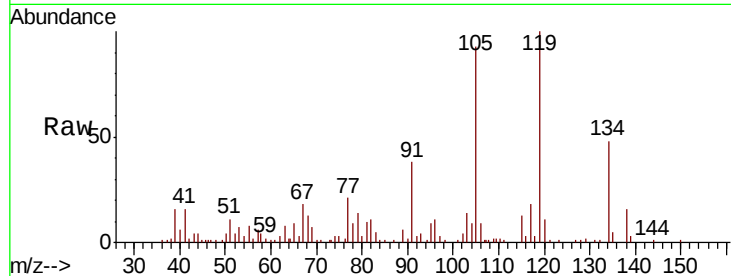
Tot Ion: 91 Resp: 6127

Ion Ratio Lower Upper

91 100

92 29.0 26.6 79.8

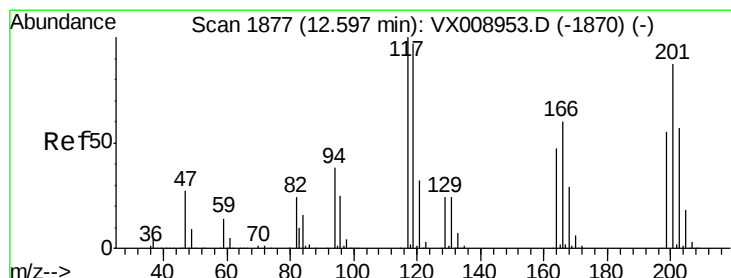
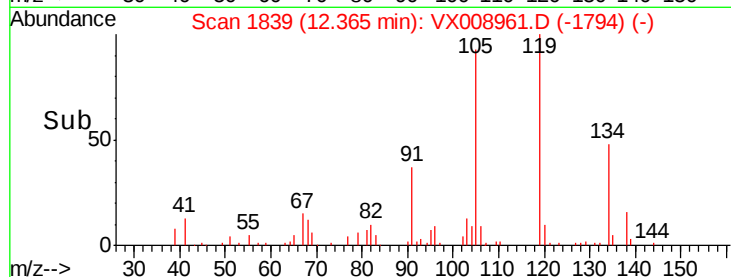
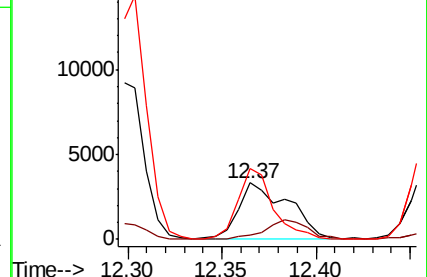
134 89.2 12.4 37.2#



Abundance Ion 91.00 (90.70 to 91.70): VX008953.D (-1834) (-)

Ion 92.00 (91.70 to 92.70): VX008953.D (-1834) (-)

Ion 134.00 (133.70 to 134.70): VX008953.D (-1834) (-)



#90

Hexachloroethane

Concen: 11.325 ug/l

RT: 12.66 min Scan# 1888

Delta R.T. 0.07 min

Lab File: VX008961.D

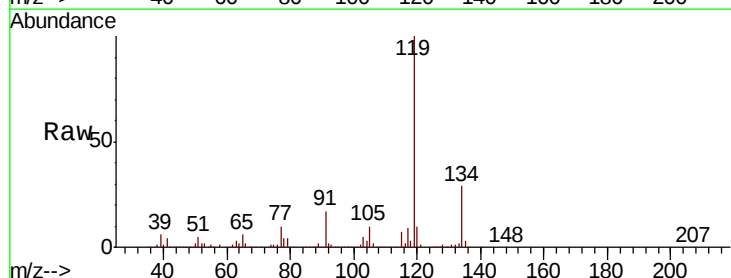
Acq: 15 Apr 2019 15:36

Tgt Ion: 117 Resp: 19848

Ion Ratio Lower Upper

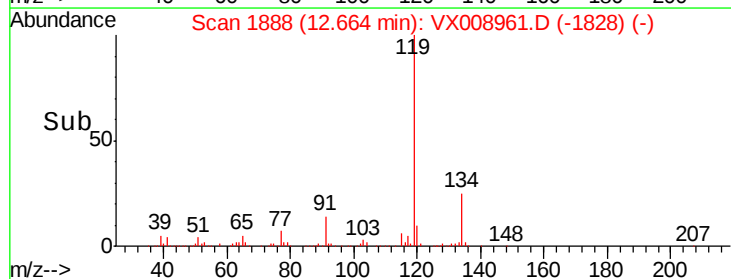
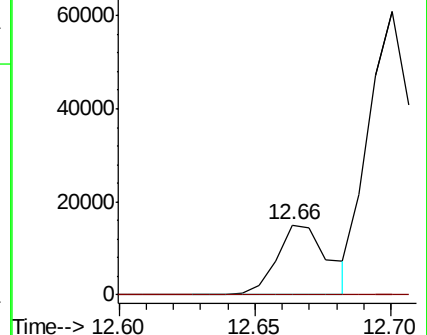
117 100

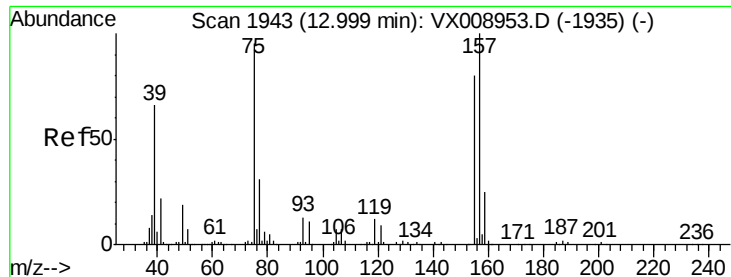
201 0.0 43.0 129.0#



Abundance Ion 116.80 (116.50 to 117.50): VX008953.D (-1870) (-)

Ion 200.70 (200.40 to 201.40): VX008953.D (-1870) (-)





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.041 ug/l

RT: 12.97 min Scan# 1939

Delta R.T. -0.02 min

Lab File: VX008961.D

Acq: 15 Apr 2019 15:36

Instrument :

MSVOA_X

ClientSampled :

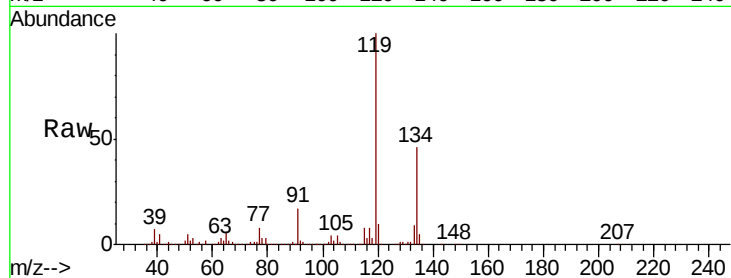
Tot Ion: 75 Resp: 1042

Ion Ratio Lower Upper

75 100

155 0.0 41.2 123.6#

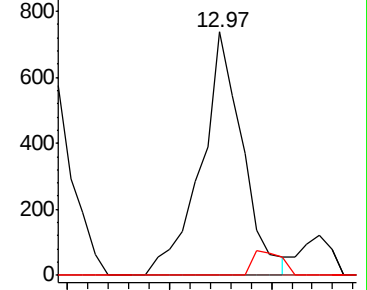
157 6.9 52.5 157.6#



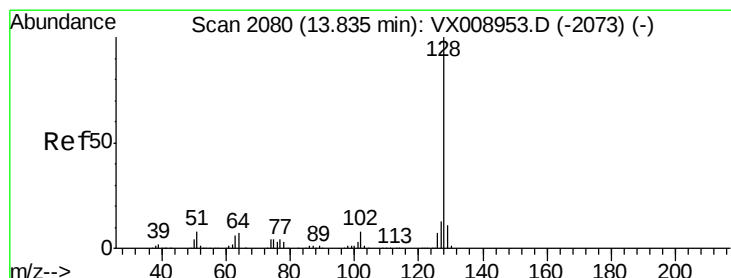
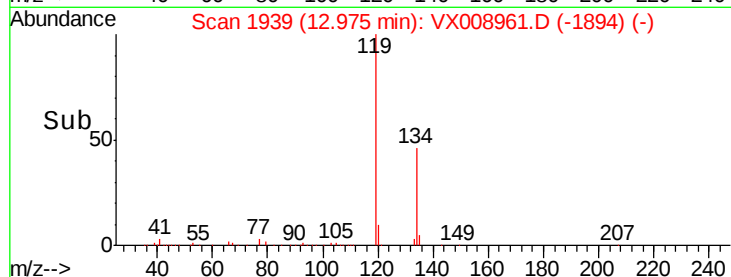
Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



Time-->



#95

Naphthalene

Concen: 0.274 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008961.D

Acq: 15 Apr 2019 15:36

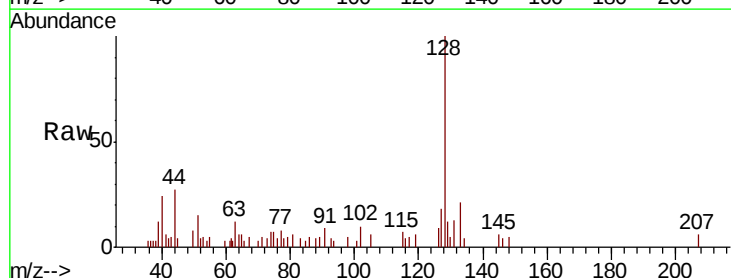
Tgt Ion: 128 Resp: 3320

Ion Ratio Lower Upper

128 100

127 15.6 10.6 16.0

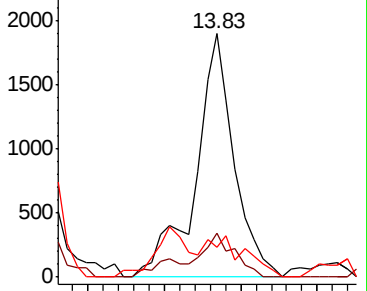
129 16.8 8.6 13.0#



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



Time-->

