

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050619\
 Data File : VX009361.D
 Acq On : 06 May 2019 19:23
 Operator : JC/SP
 Sample : K2674-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SV28545L

Quant Time: May 07 06:38:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 04 07:18:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	182772	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	291755	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	258501	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	113804	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	119287	47.81	ug/l	0.00
Spiked Amount			Recovery	=	95.62%	
35) Dibromofluoromethane	5.50	113	88741	48.38	ug/l	0.00
Spiked Amount			Recovery	=	96.76%	
50) Toluene-d8	8.71	98	367875	49.68	ug/l	0.00
Spiked Amount			Recovery	=	99.36%	
62) 4-Bromofluorobenzene	11.13	95	122346	45.47	ug/l	0.00
Spiked Amount			Recovery	=	90.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	1145	0.498	ug/l #	67
8) Diethyl Ether	2.19	74	263	0.204	ug/l	95
10) Methyl Iodide	2.53	142	20	4.603	ug/l #	42
11) Tert butyl alcohol	3.05	59	744	1.288	ug/l #	81
13) Acrolein	2.28	56	327	0.625	ug/l #	56
16) Acetone	2.45	43	28508	21.279	ug/l	99
17) Carbon Disulfide	2.57	76	1404	0.292	ug/l #	64
20) Methylene Chloride	2.86	84	673	0.310	ug/l	91
25) 2-Butanone	4.69	43	7722	3.709	ug/l	95
28) Bromochloromethane	4.96	49	93	Below Cal	#	20
29) Tetrahydrofuran	5.16	42	635	0.474	ug/l #	71
31) Cyclohexane	5.57	56	1150	0.312	ug/l #	54
36) 1,1-Dichloropropene	5.67	75	13999	5.163	ug/l #	50
38) Carbon Tetrachloride	5.67	117	16846	6.838	ug/l #	15
39) Methylcyclohexane	7.46	83	1363	0.409	ug/l #	73
52) Toluene	8.79	92	1864	0.365	ug/l	96
59) 2-Hexanone	9.30	43	1350	0.435	ug/l	78
67) Ethyl Benzene	10.25	91	3799	0.399	ug/l	95
68) m/p-Xylenes	10.35	106	7515	2.161	ug/l	97
69) o-Xylene	10.69	106	8688	2.532	ug/l	98
73) Isopropylbenzene	11.02	105	2192	0.265	ug/l	96
76) 1,2,3-Trichloropropane	11.13	75	61464	23.283	ug/l #	34
78) n-propylbenzene	11.36	91	3094	0.327	ug/l	97
79) 2-Chlorotoluene	11.43	91	2984	0.512	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.51	105	13461	1.932	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.13	75	61464	59.573	ug/l #	10
82) 4-Chlorotoluene	11.51	91	1526	0.232	ug/l #	48
84) 1,2,4-Trimethylbenzene	11.80	105	39138	5.596	ug/l	98
85) sec-Butylbenzene	11.94	105	2349	0.292	ug/l	81
86) p-Isopropyltoluene	12.02	119	3960	0.548	ug/l	91
89) n-Butylbenzene	12.37	91	3933	0.602	ug/l #	14
90) Hexachloroethane	12.58	117	1069	0.868	ug/l #	7
92) 1,2-Dibromo-3-Chloropropan	13.01	75	201	0.290	ug/l #	2
95) Naphthalene	13.83	128	6457	0.778	ug/l #	86

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QLast Update : Sat May 04 07:18:36 2019
Response via : Initial Calibration

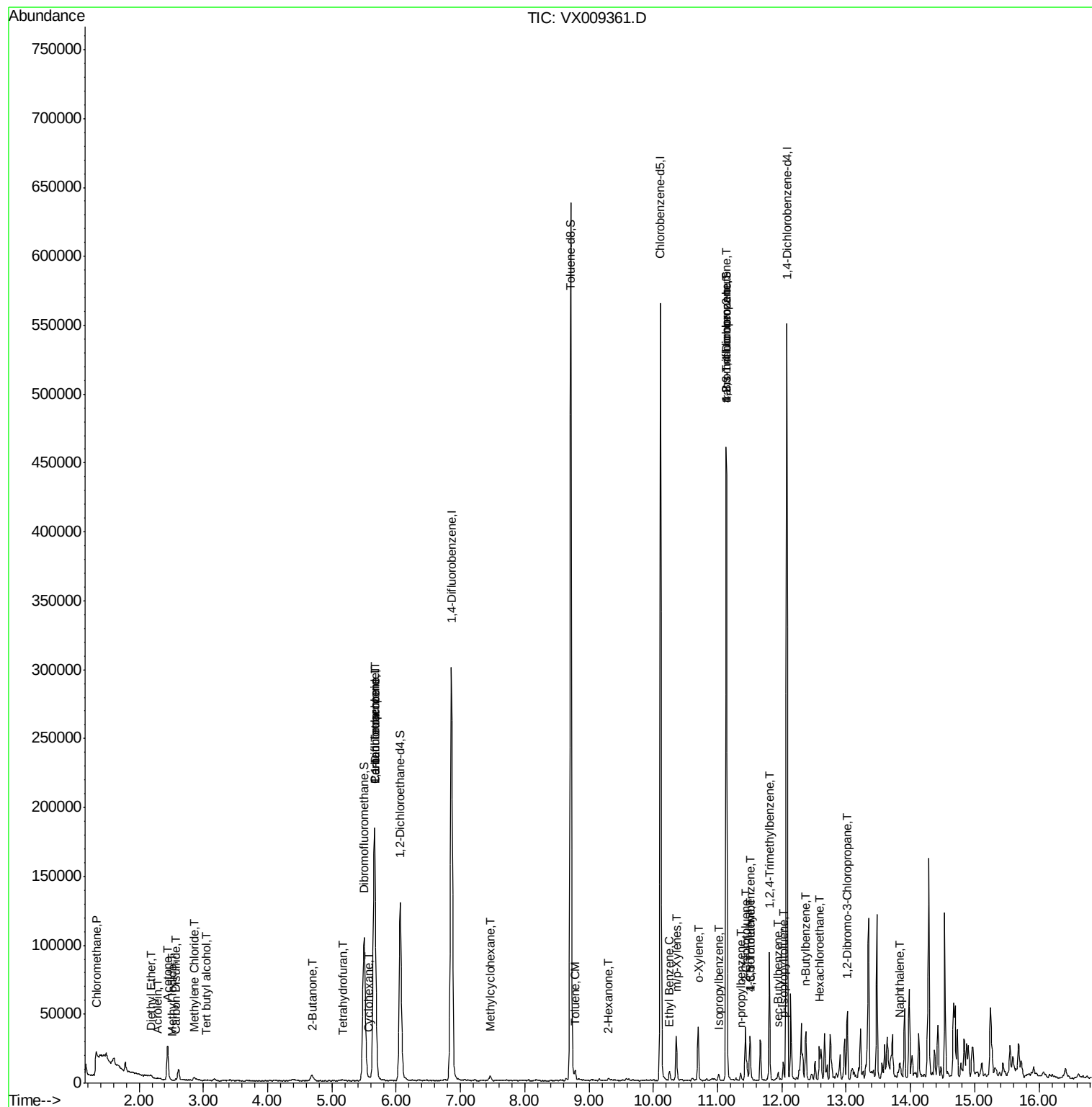
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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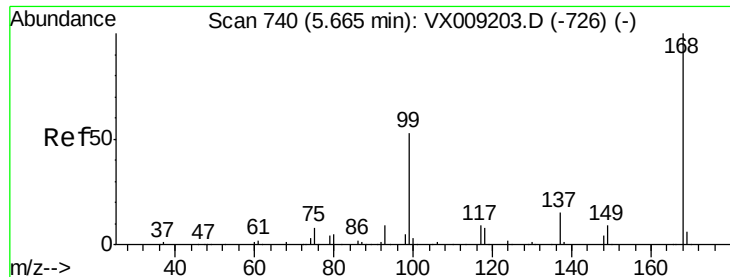
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX009361.D

Acq: 06 May 2019 19:23

Instrument :

MSVOA_X

ClientSampled :

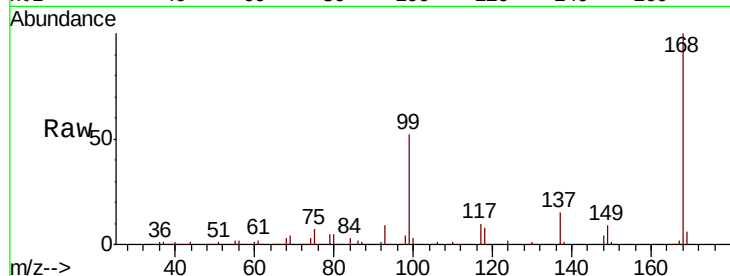
SV28545L

Tot Ion:168 Resp: 182772

Ion Ratio Lower Upper

168 100

99 52.3 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

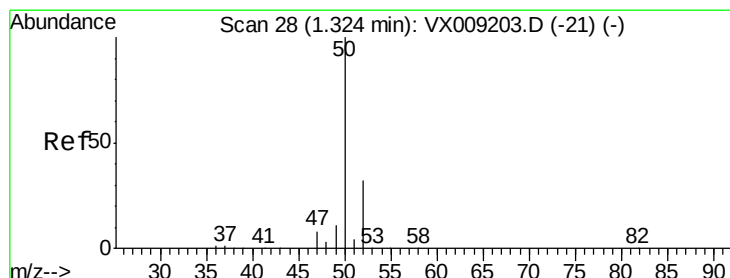
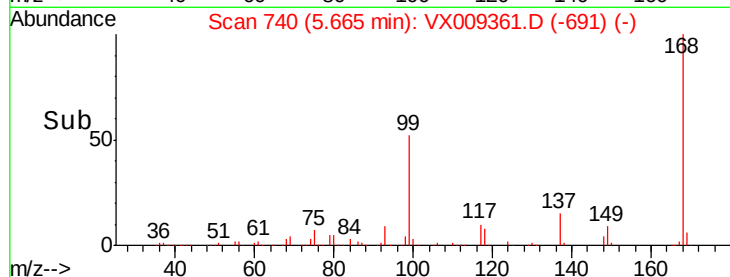
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.498 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX009361.D

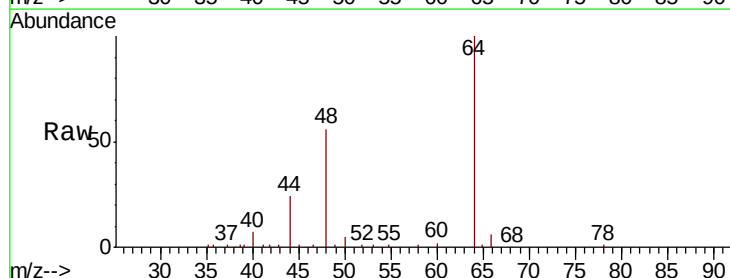
Acq: 06 May 2019 19:23

Tgt Ion: 50 Resp: 1145

Ion Ratio Lower Upper

50 100

52 14.1 25.9 38.9#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33

600

500

400

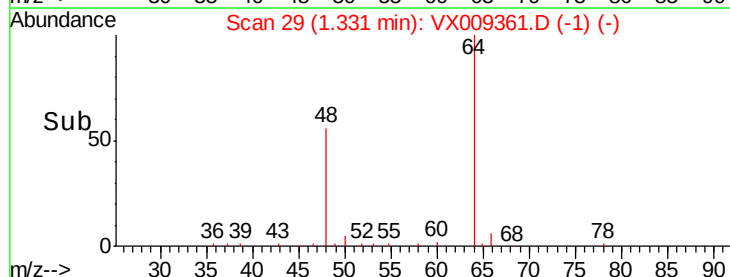
300

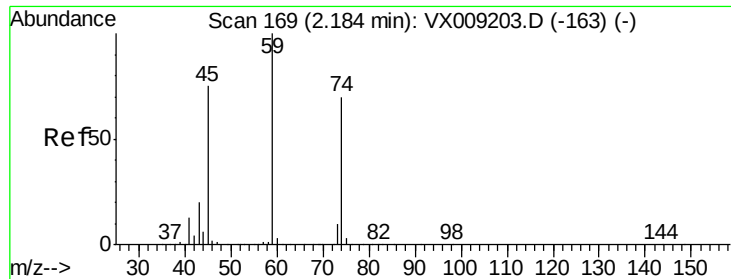
200

100

0

Time--> 1.30 1.35





#8

Diethyl Ether

Concen: 0.204 ug/l

RT: 2.19 min Scan# 170

Delta R.T. 0.01 min

Lab File: VX009361.D

Acq: 06 May 2019 19:23

Instrument :

MSVOA_X

ClientSampled :

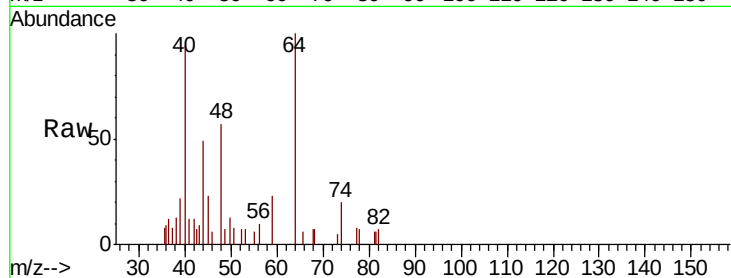
SV28545L

Tot Ion: 74 Resp: 263

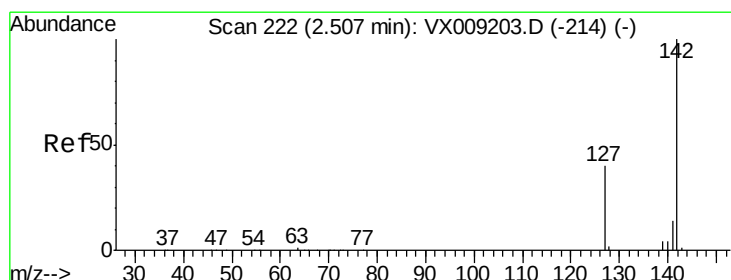
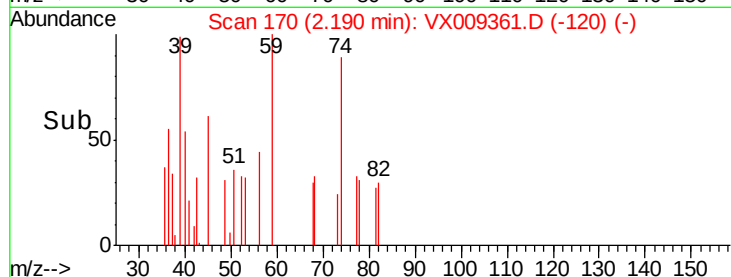
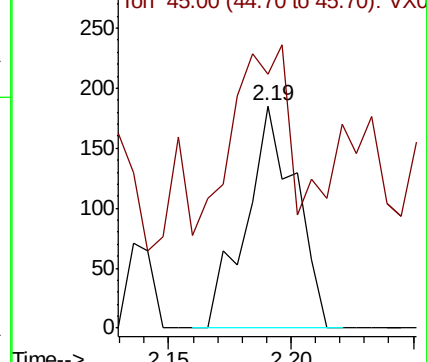
Ion Ratio Lower Upper

74 100

45 101.9 53.3 159.9



Abundance Ion 74.00 (73.70 to 74.70): VX0



#10

Methyl Iodide

Concen: 4.603 ug/l

RT: 2.53 min Scan# 225

Delta R.T. 0.02 min

Lab File: VX009361.D

Acq: 06 May 2019 19:23

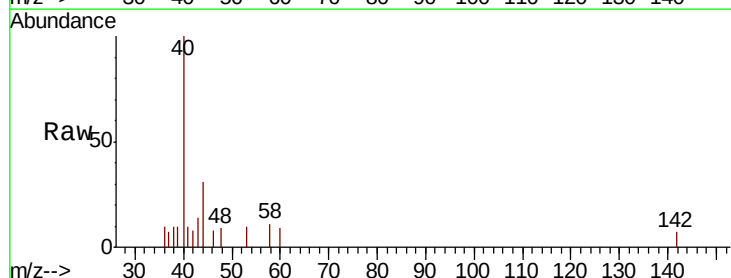
Tgt Ion: 142 Resp: 20

Ion Ratio Lower Upper

142 100

127 0.0 32.7 49.1#

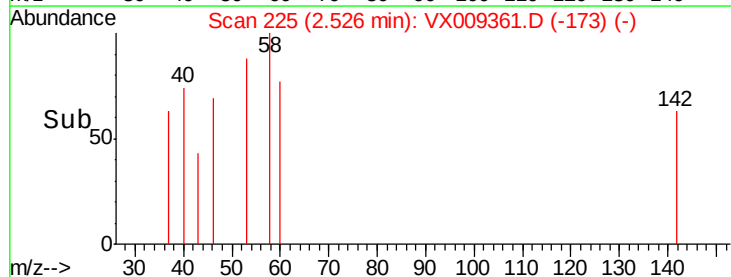
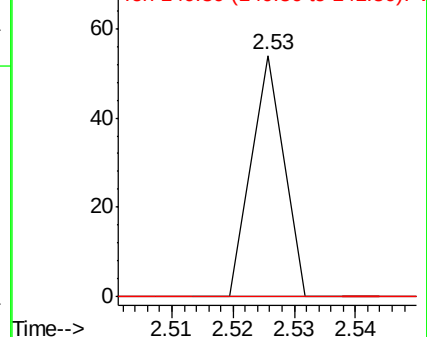
141 0.0 11.5 17.3#

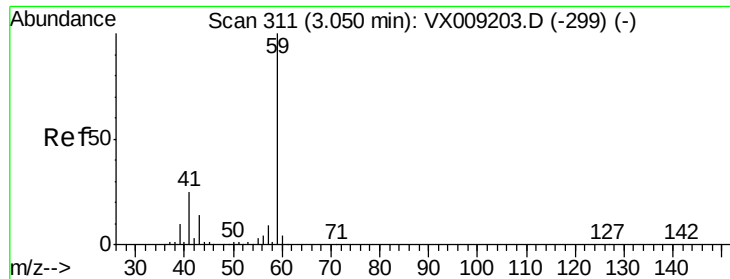


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

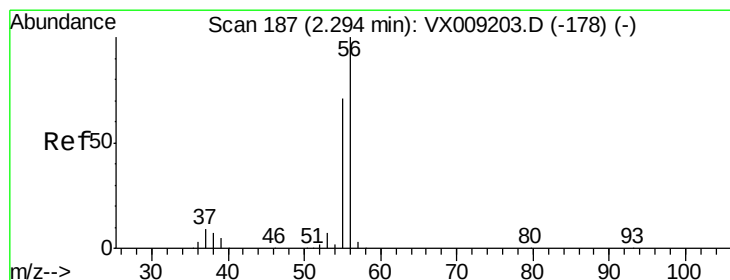
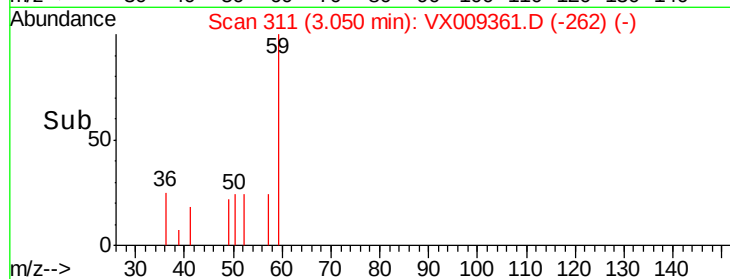
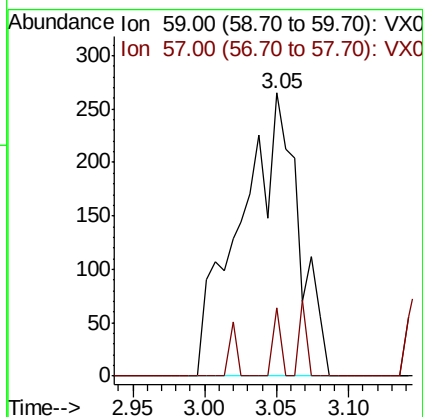
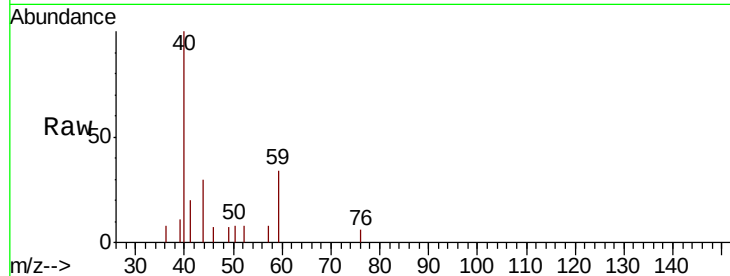




#11
Tert butyl alcohol
Concen: 1.288 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX009361.D
Acq: 06 May 2019 19:23

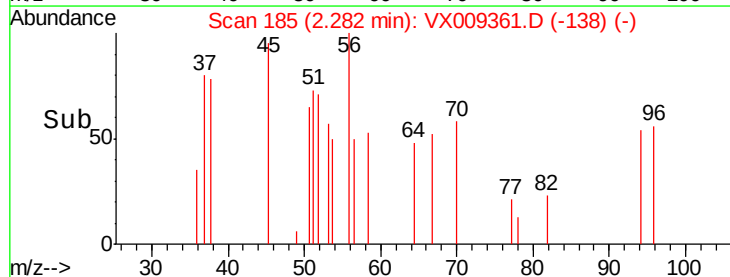
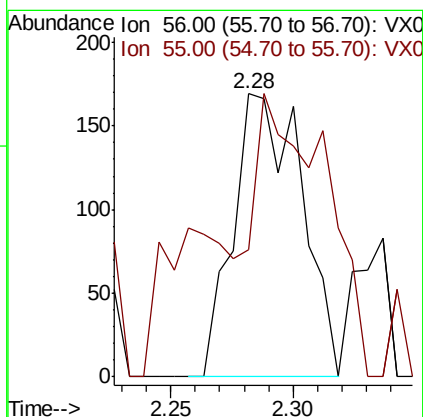
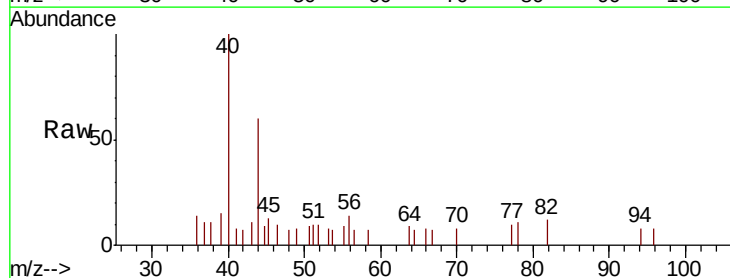
Instrument :
MSVOA_X
ClientSampled :
SV28545L

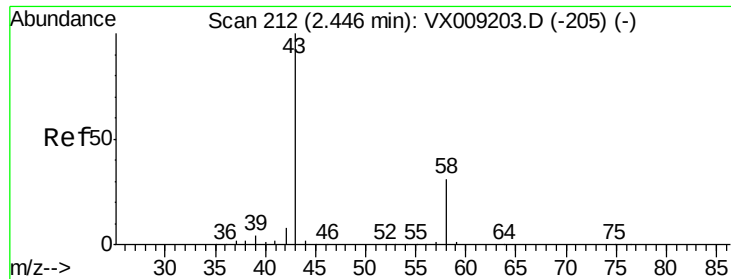
Tot Ion: 59 Resp: 744
Ion Ratio Lower Upper
59 100
57 3.1 8.2 12.2#



#13
Acrolein
Concen: 0.625 ug/l
RT: 2.28 min Scan# 185
Delta R.T. -0.01 min
Lab File: VX009361.D
Acq: 06 May 2019 19:23

Tgt Ion: 56 Resp: 327
Ion Ratio Lower Upper
56 100
55 107.3 56.6 85.0#





#16

Acetone

Concen: 21.279 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX009361.D

Acq: 06 May 2019 19:23

Instrument :

MSVOA_X

ClientSampled :

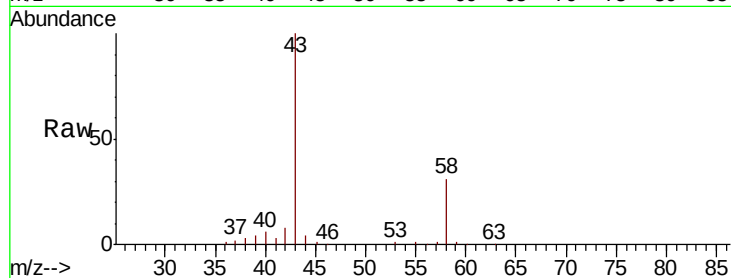
SV28545L

Tot Ion: 43 Resp: 28508

Ion Ratio Lower Upper

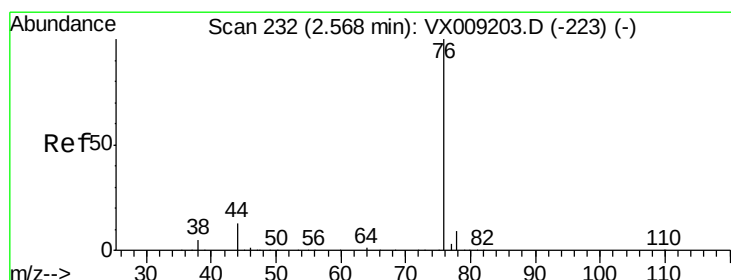
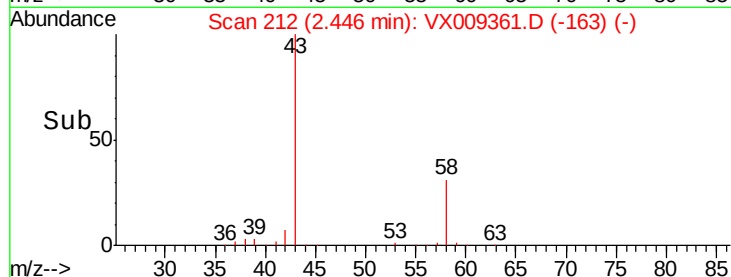
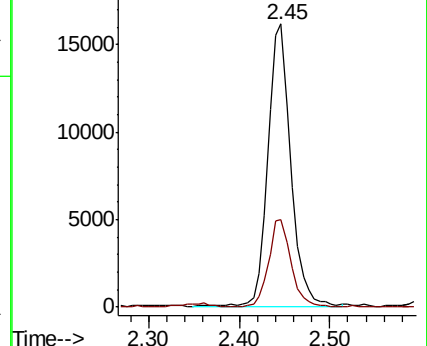
43 100

58 30.5 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: 0.292 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX009361.D

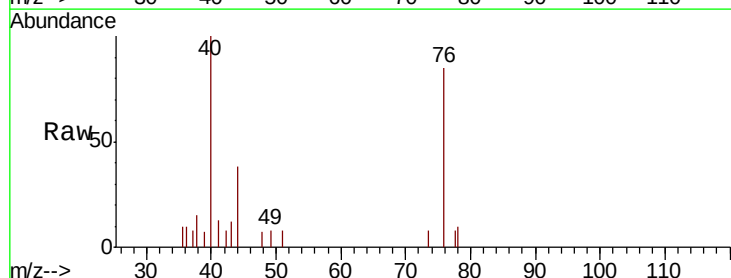
Acq: 06 May 2019 19:23

Tgt Ion: 76 Resp: 1404

Ion Ratio Lower Upper

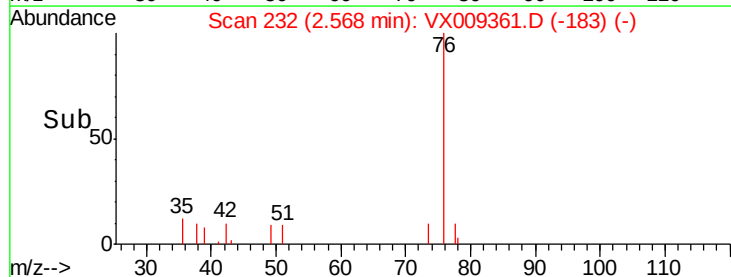
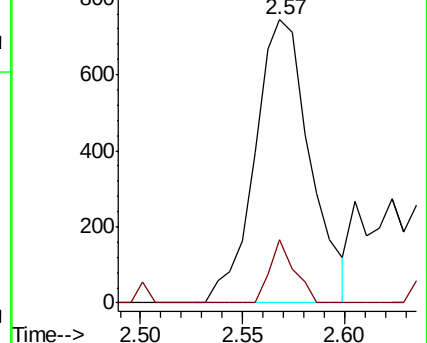
76 100

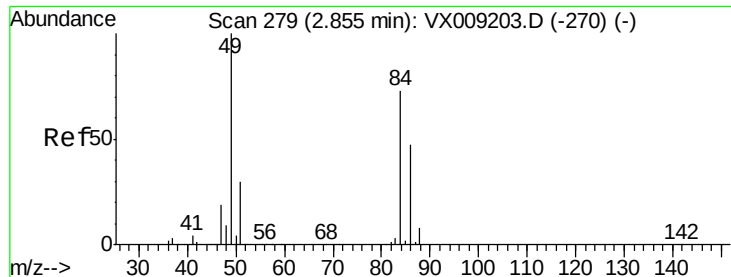
78 22.2 7.4 11.0#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

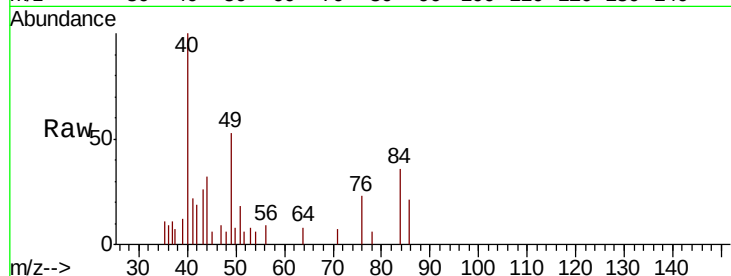




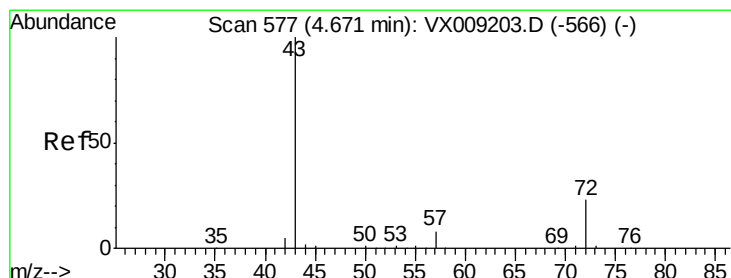
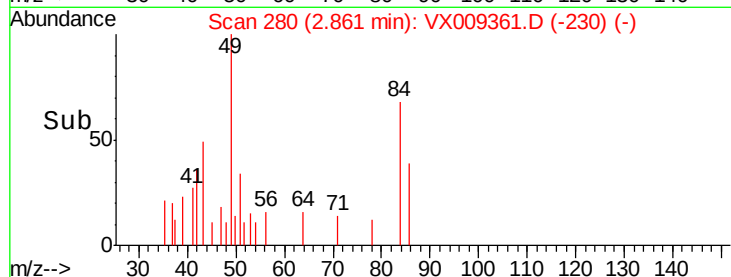
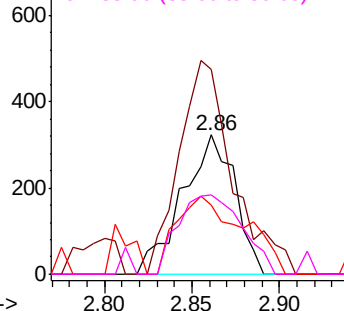
#20
Methylene Chloride
Concen: 0.310 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX009361.D
Acq: 06 May 2019 19:23

Instrument :
MSVOA_X
ClientSampled :
SV28545L

Tot Ion:	84	Resp:	673
Ion	Ratio	Lower	Upper
84	100		
49	147.2	109.9	164.9
51	33.9	32.7	49.1
86	57.1	52.0	78.0

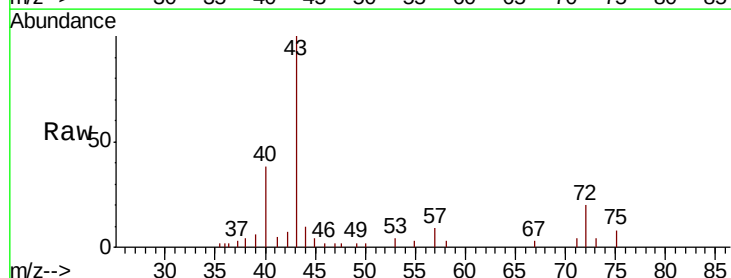


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

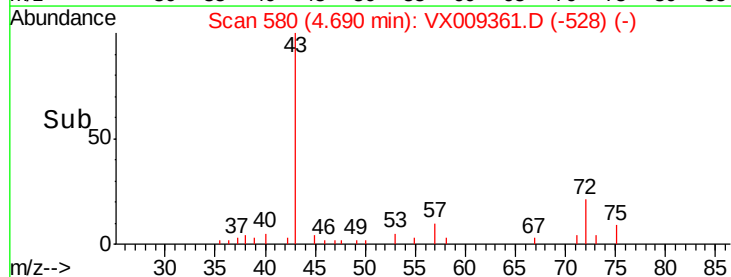
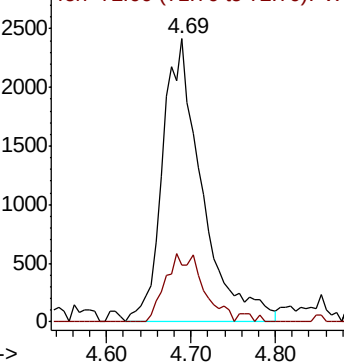


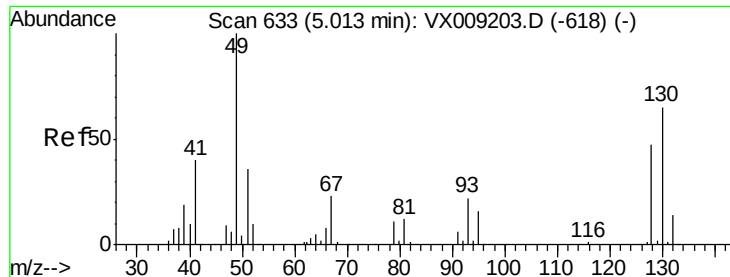
#25
2-Butanone
Concen: 3.709 ug/l
RT: 4.69 min Scan# 580
Delta R.T. 0.02 min
Lab File: VX009361.D
Acq: 06 May 2019 19:23

Tgt Ion:	43	Resp:	7722
Ion	Ratio	Lower	Upper
43	100		
72	20.2	18.2	27.2



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





#28

Bromochloromethane

Concen: Below Cal

RT: 4.96 min Scan# 625

Delta R.T. -0.05 min

Lab File: VX009361.D

Acq: 06 May 2019 19:23

Instrument :

MSVOA_X

ClientSampled :

SV28545L

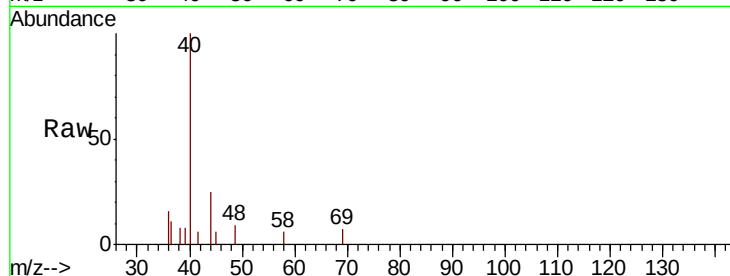
Tot Ion: 49 Resp: 93

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

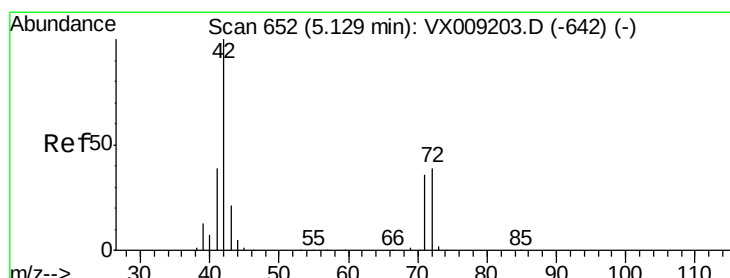
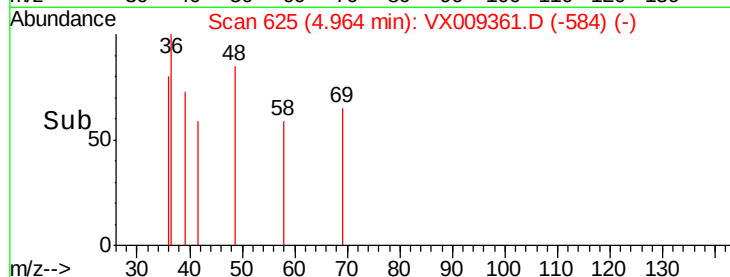
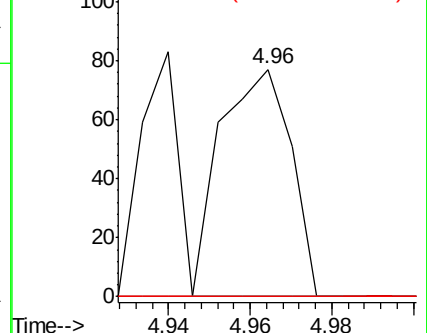
130 0.0 51.2 76.8#



Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#29

Tetrahydrofuran

Concen: 0.474 ug/l

RT: 5.16 min Scan# 657

Delta R.T. 0.03 min

Lab File: VX009361.D

Acq: 06 May 2019 19:23

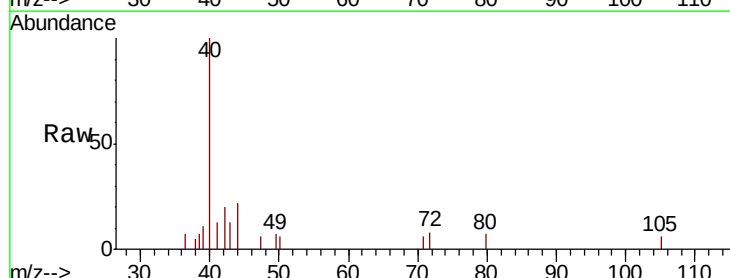
Tgt Ion: 42 Resp: 635

Ion Ratio Lower Upper

42 100

72 26.3 30.4 45.6#

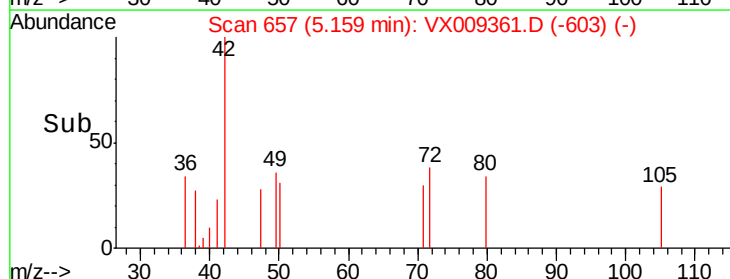
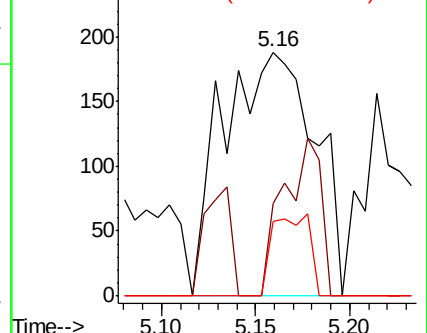
71 13.4 28.6 43.0#

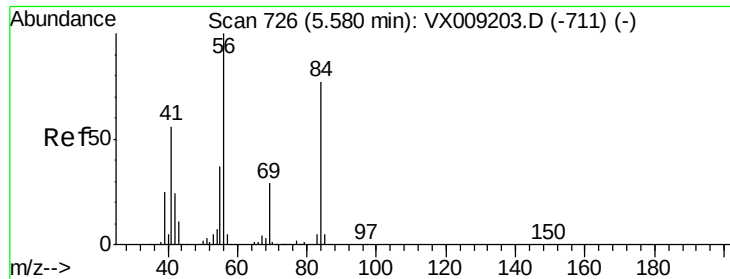


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

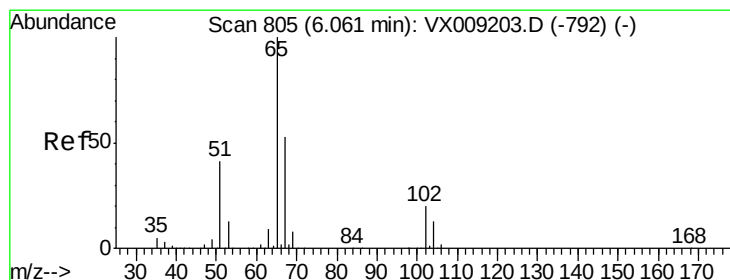
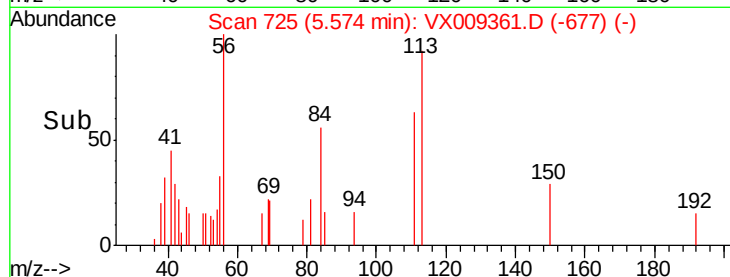
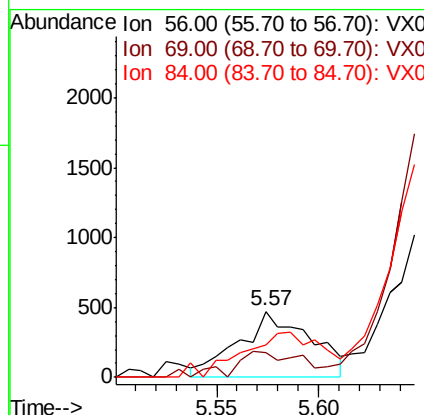
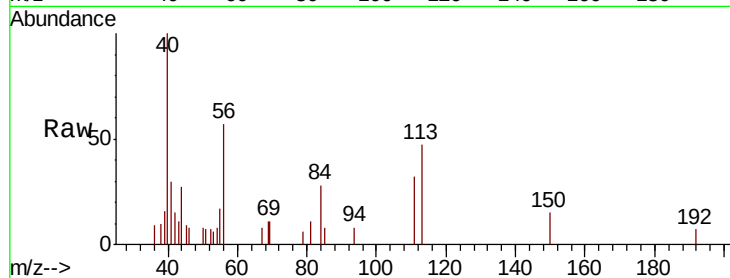




#31
Cyclohexane
Concen: 0.312 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX009361.D
Acq: 06 May 2019 19:23

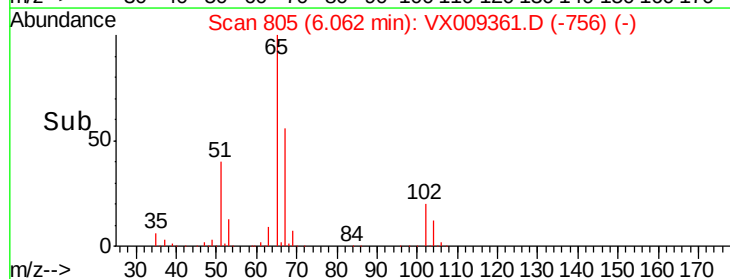
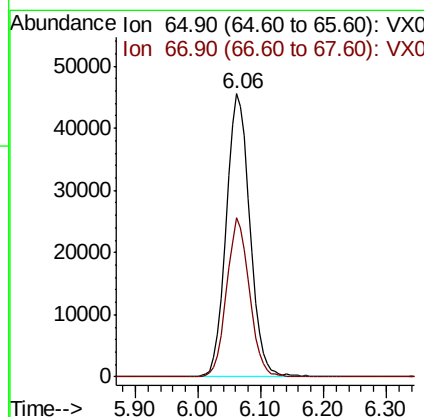
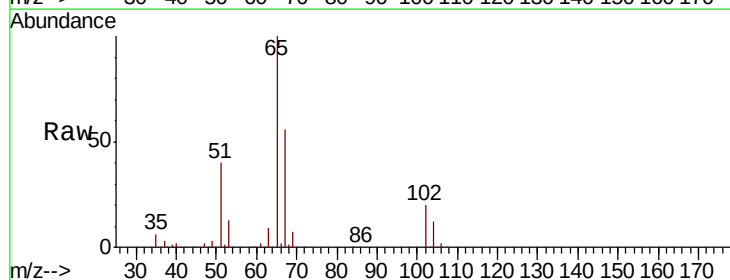
Instrument :
MSVOA_X
ClientSampled :
SV28545L

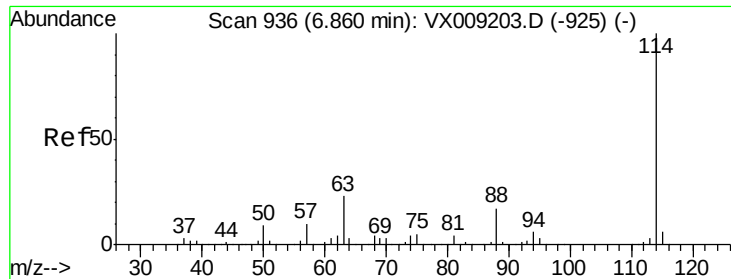
Tot Ion: 56 Resp: 1150
Ion Ratio Lower Upper
56 100
69 44.8 23.4 35.0#
84 32.4 61.9 92.9#



#33
1,2-Dichloroethane-d4
Concen: 47.809 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX009361.D
Acq: 06 May 2019 19:23

Tgt Ion: 65 Resp: 119287
Ion Ratio Lower Upper
65 100
67 54.1 0.0 106.6

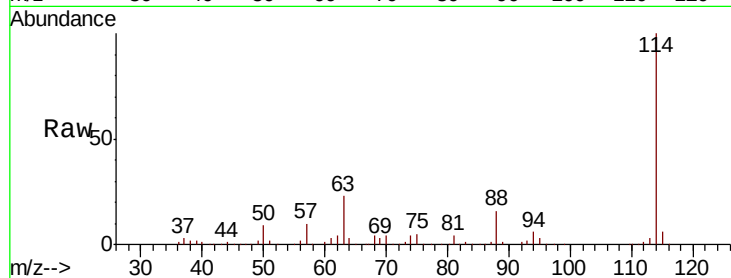




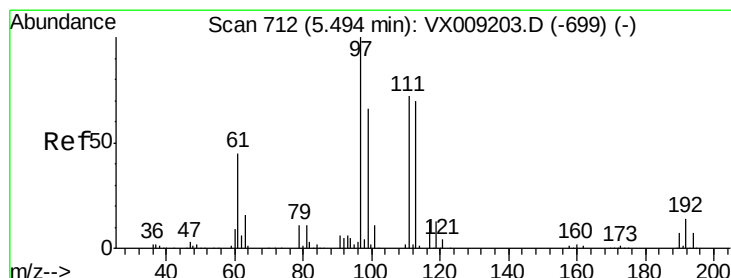
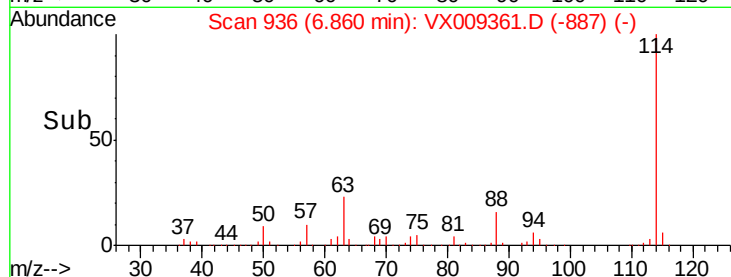
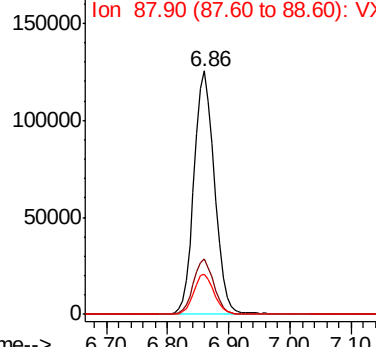
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009361.D
 Acq: 06 May 2019 19:23

Instrument :
 MSVOA_X
 ClientSampleId :
 SV28545L

Tot Ion:114 Resp: 291755
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 45.6
 88 16.5 0.0 33.2

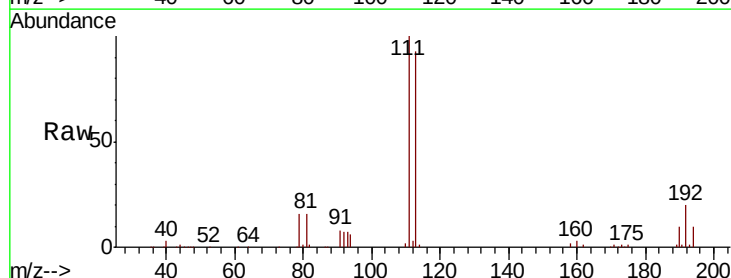


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

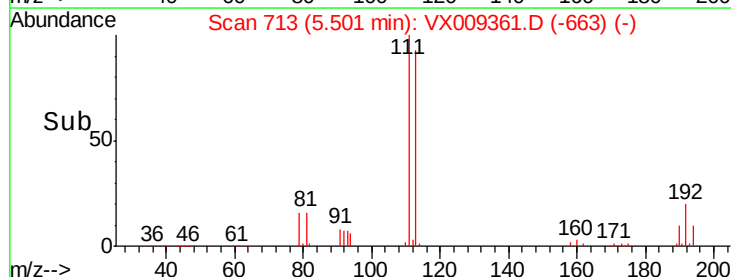
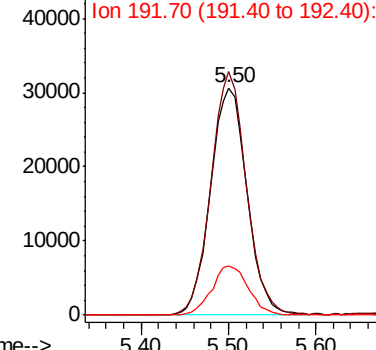


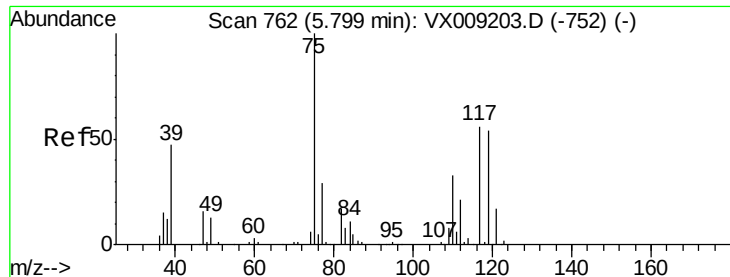
#35
 Dibromofluoromethane
 Concen: 48.384 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009361.D
 Acq: 06 May 2019 19:23

Tgt Ion:113 Resp: 88741
 Ion Ratio Lower Upper
 113 100
 111 104.0 82.8 124.2
 192 21.9 17.0 25.6



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

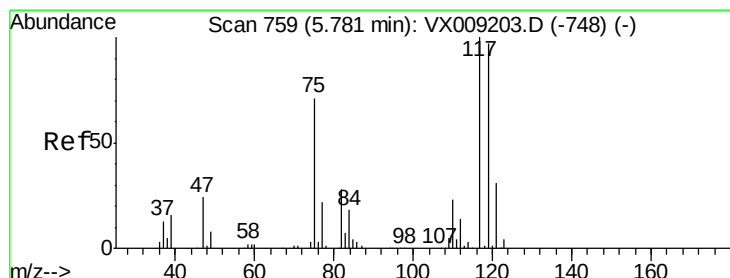
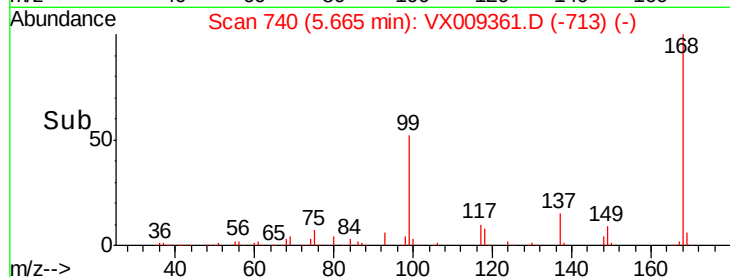
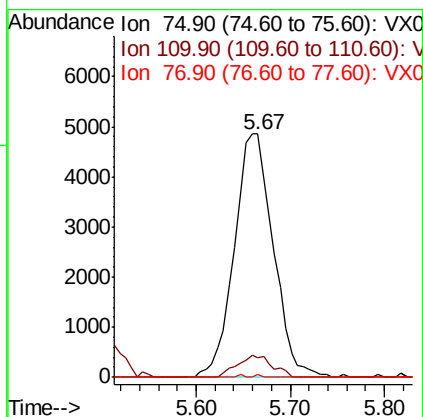
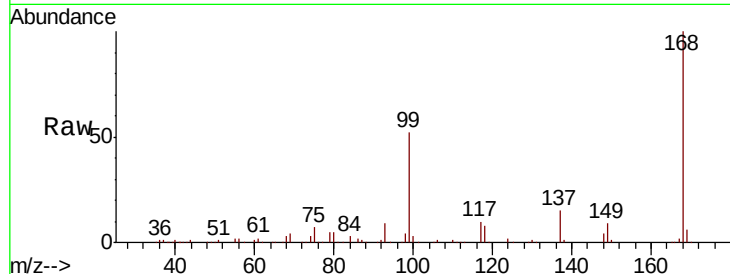




#36
 1,1-Dichloropropene
 Concen: 5.163 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX009361.D
 Acq: 06 May 2019 19:23

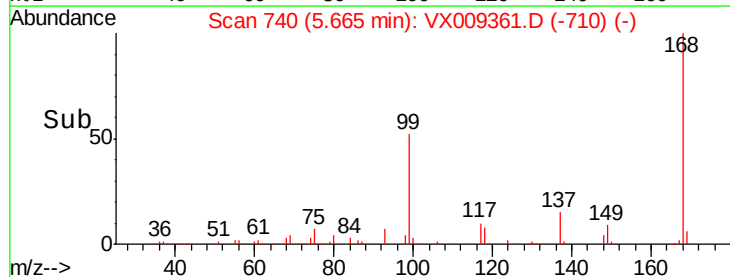
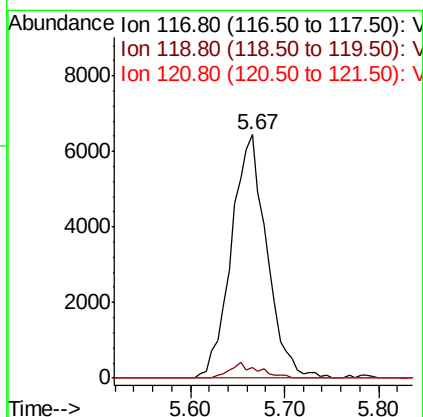
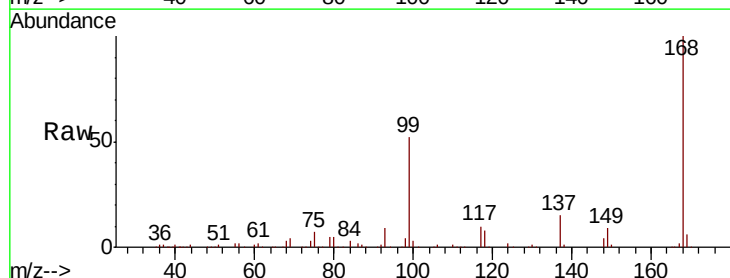
Instrument :
 MSVOA_X
 ClientSampled :
 SV28545L

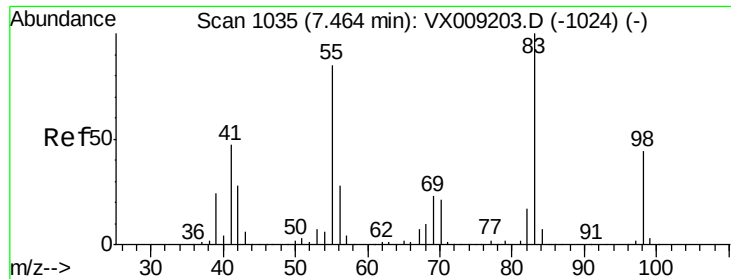
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.1	16.9	50.6#
77	0.1	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 6.838 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.12 min
 Lab File: VX009361.D
 Acq: 06 May 2019 19:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.6	77.5	116.3#
121	0.0	24.7	37.1#

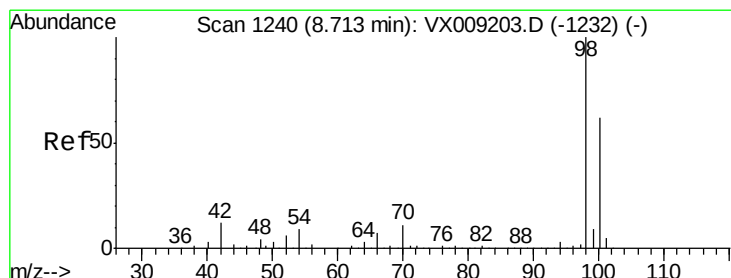
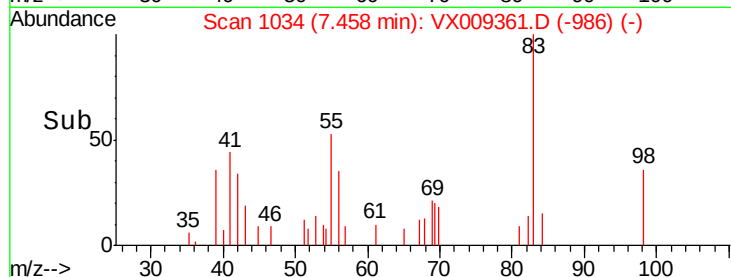
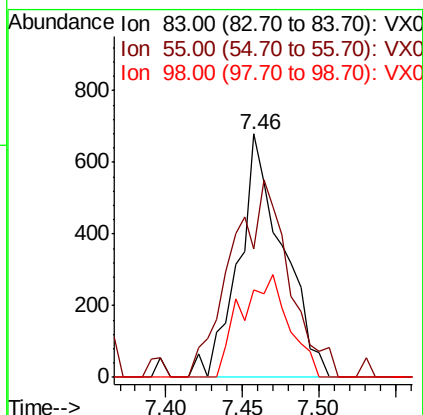
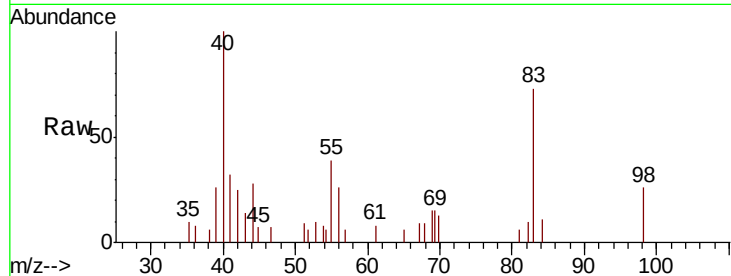




#39
Methylvlcyclohexane
Concen: 0.409 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX009361.D
Acq: 06 May 2019 19:23

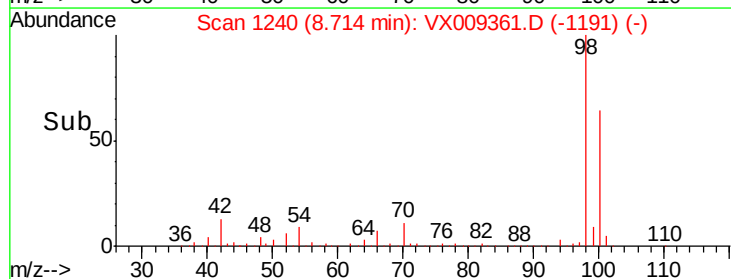
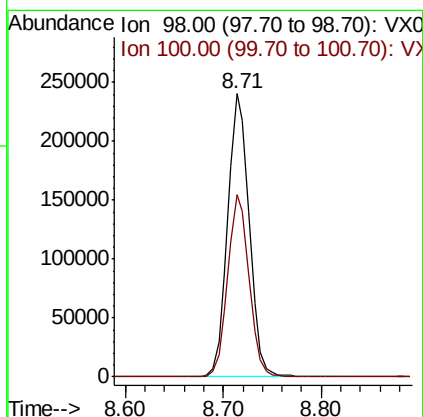
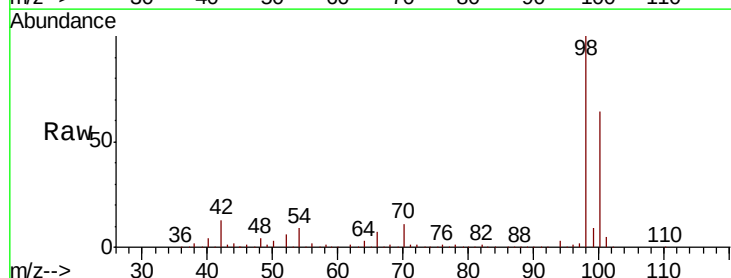
Instrument :
MSVOA_X
ClientSampleId :
SV28545L

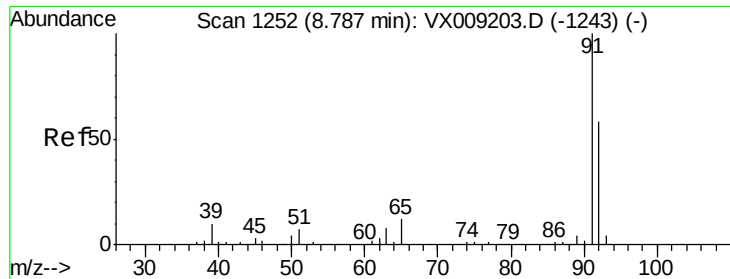
Tot Ion: 83 Resp: 1363
Ion Ratio Lower Upper
83 100
55 53.0 67.7 101.5#
98 36.1 35.5 53.3



#50
Toluene-d8
Concen: 49.681 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009361.D
Acq: 06 May 2019 19:23

Tgt Ion: 98 Resp: 367875
Ion Ratio Lower Upper
98 100
100 64.0 51.2 76.8





#52

Toluene

Concen: 0.365 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX009361.D

Acq: 06 May 2019 19:23

Instrument :

MSVOA_X

ClientSampled :

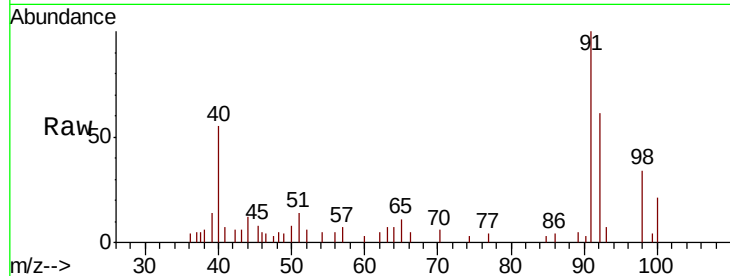
SV28545L

Tot Ion: 92 Resp: 1864

Ion Ratio Lower Upper

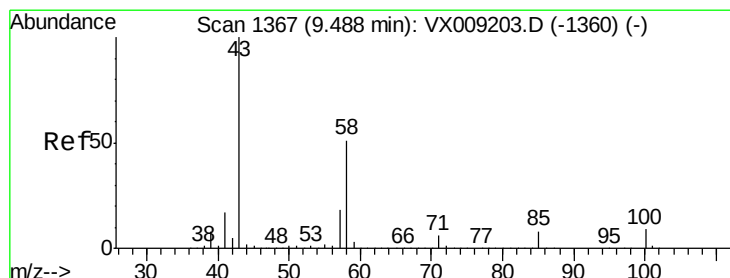
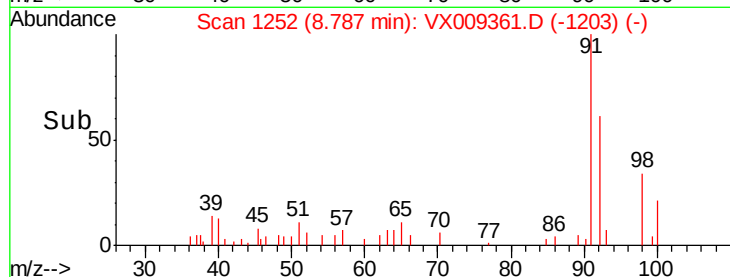
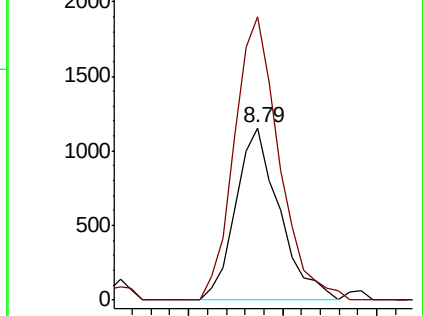
92 100

91 167.8 138.8 208.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#59

2-Hexanone

Concen: 0.435 ug/l

RT: 9.30 min Scan# 1336

Delta R.T. -0.19 min

Lab File: VX009361.D

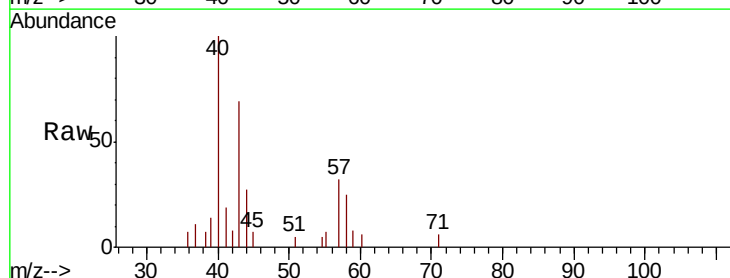
Acq: 06 May 2019 19:23

Tgt Ion: 43 Resp: 1350

Ion Ratio Lower Upper

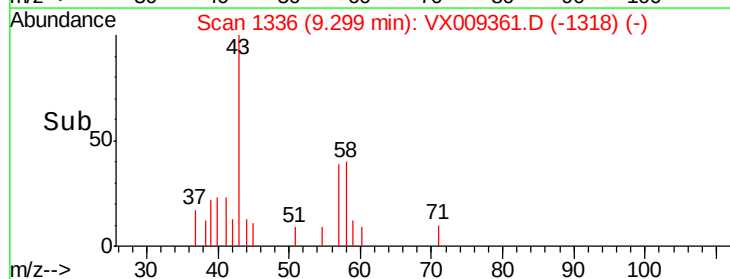
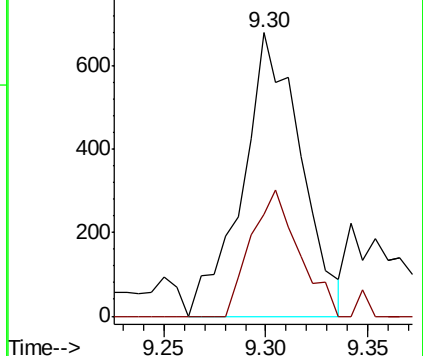
43 100

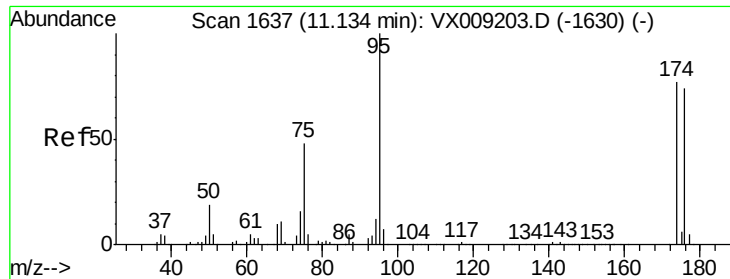
58 36.6 25.9 77.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#62

4-Bromofluorobenzene

Concen: 45.472 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009361.D

Acq: 06 May 2019 19:23

Instrument :

MSVOA_X

ClientSampleId :

SV28545L

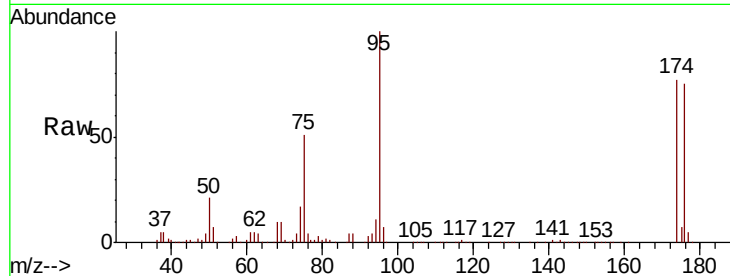
Tot Ion: 95 Resp: 122346

Ion Ratio Lower Upper

95 100

174 82.4 0.0 161.6

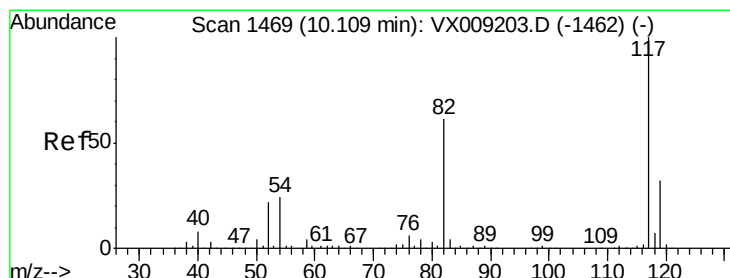
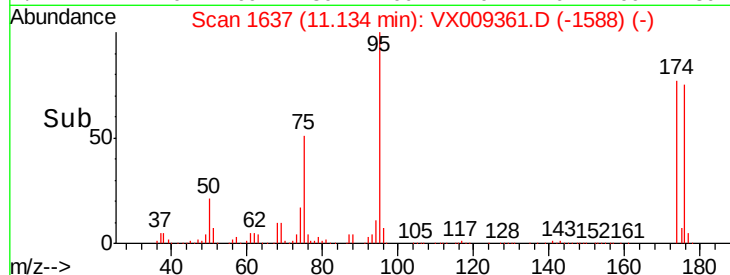
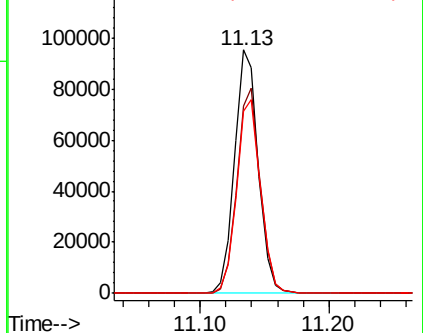
176 80.1 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX009361.D

Acq: 06 May 2019 19:23

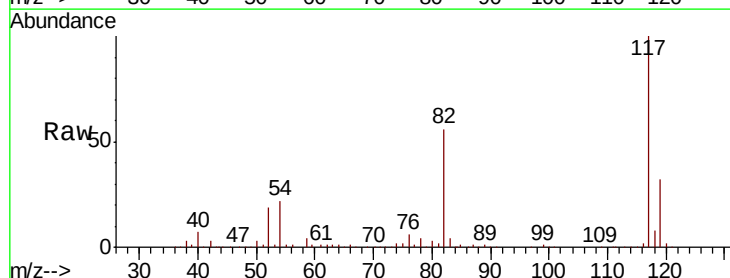
Tgt Ion: 117 Resp: 258501

Ion Ratio Lower Upper

117 100

82 56.5 48.8 73.2

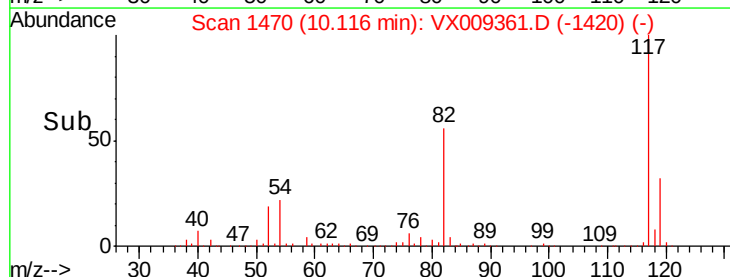
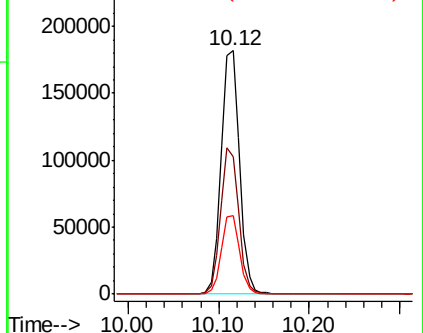
119 32.4 25.8 38.6

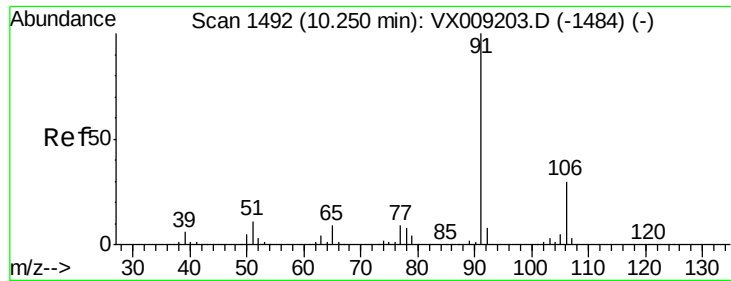


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

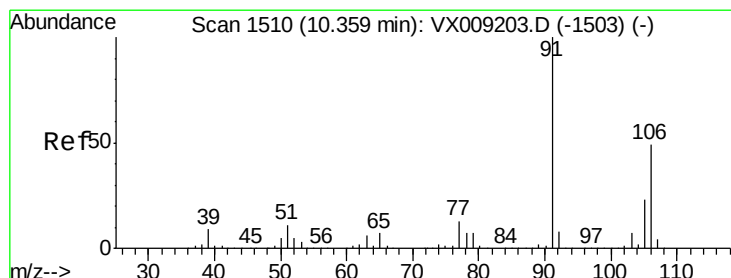
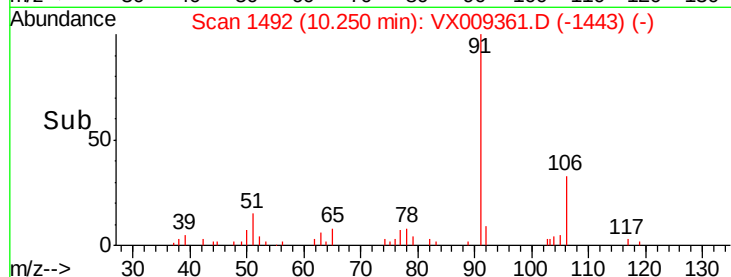
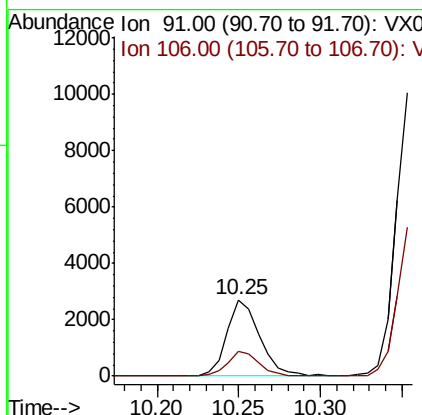
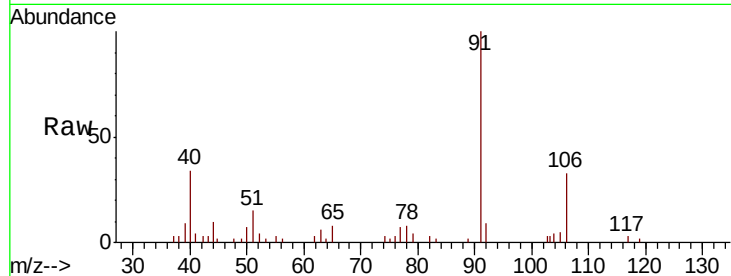




#67
Ethyl Benzene
Concen: 0.399 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX009361.D
Acq: 06 May 2019 19:23

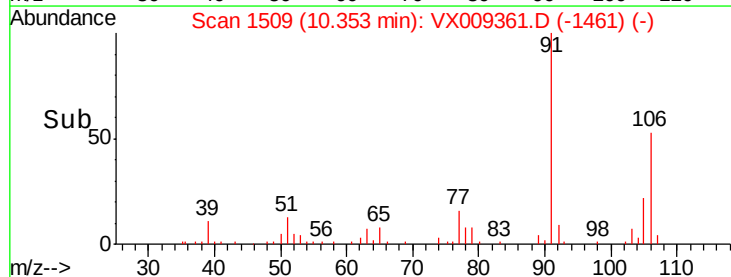
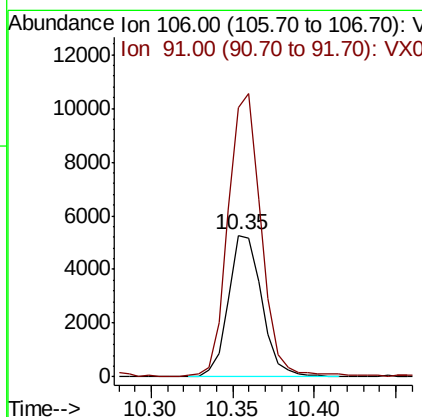
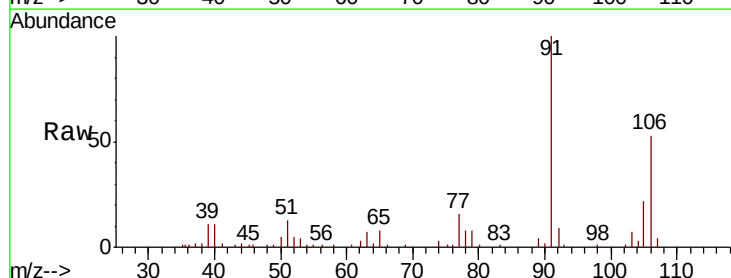
Instrument :
MSVOA_X
ClientSampled :
SV28545L

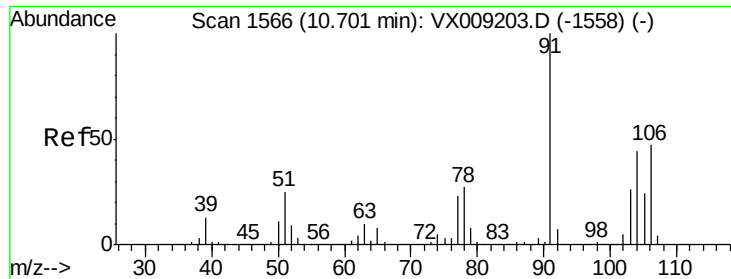
Tot Ion: 91 Resp: 3799
Ion Ratio Lower Upper
91 100
106 32.7 24.0 36.0



#68
m/p-Xylenes
Concen: 2.161 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX009361.D
Acq: 06 May 2019 19:23

Tgt Ion: 106 Resp: 7515
Ion Ratio Lower Upper
106 100
91 199.9 164.0 246.0

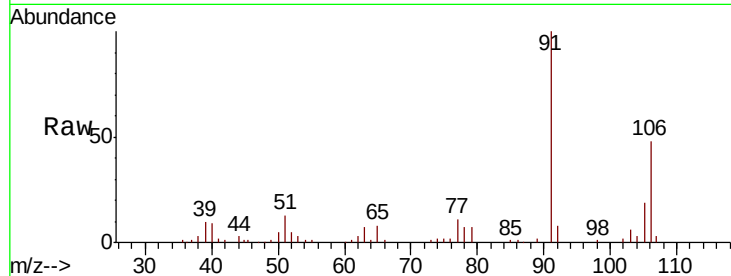




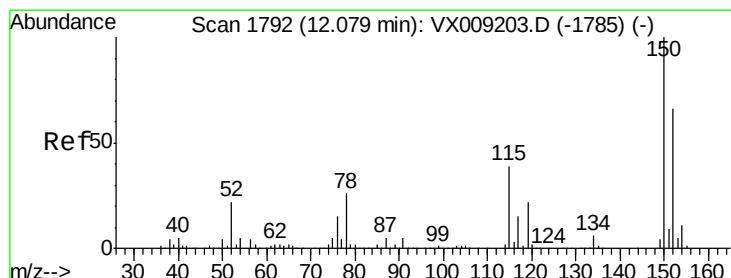
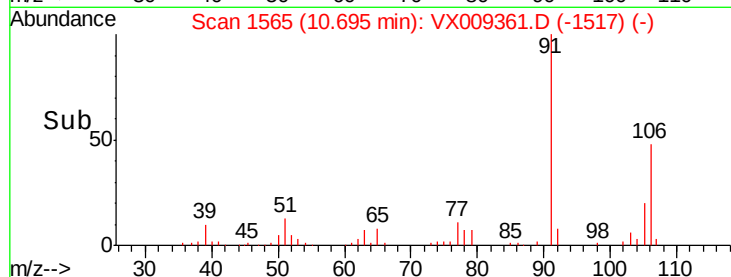
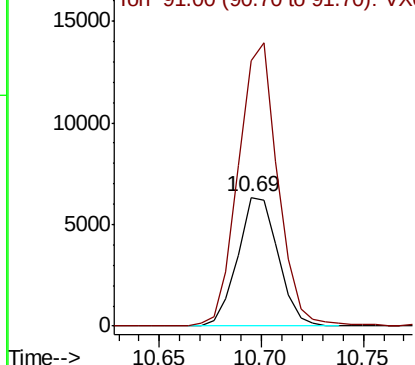
#69
o-Xylene
Concen: 2.532 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009361.D
Acq: 06 May 2019 19:23

Instrument :
MSVOA_X
ClientSampled :
SV28545L

Tot Ion:106 Resp: 8688
Ion Ratio Lower Upper
106 100
91 216.4 109.5 328.4

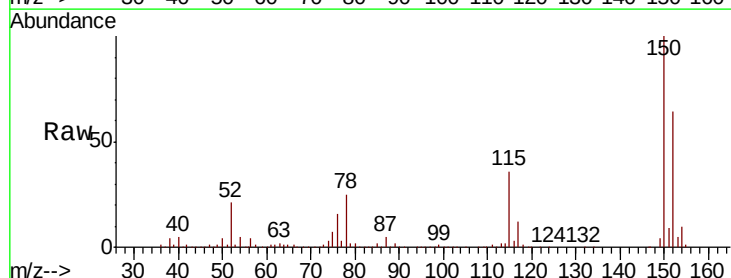


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

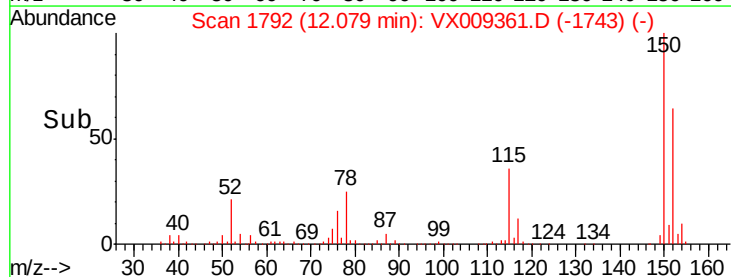
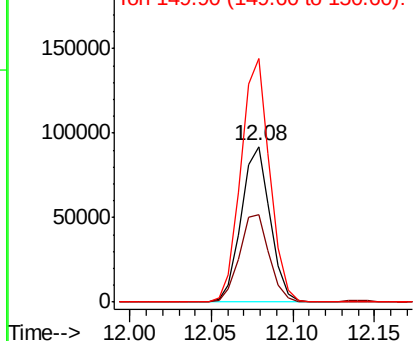


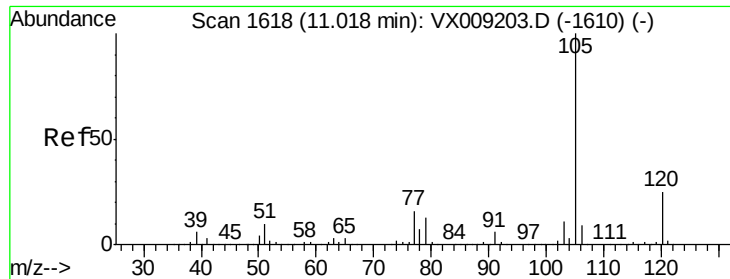
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009361.D
Acq: 06 May 2019 19:23

Tgt Ion:152 Resp: 113804
Ion Ratio Lower Upper
152 100
115 58.0 41.2 123.6
150 156.8 0.0 346.4



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





#73

Isopropylbenzene

Concen: 0.265 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX009361.D

Acq: 06 May 2019 19:23

Instrument :

MSVOA_X

ClientSampleId :

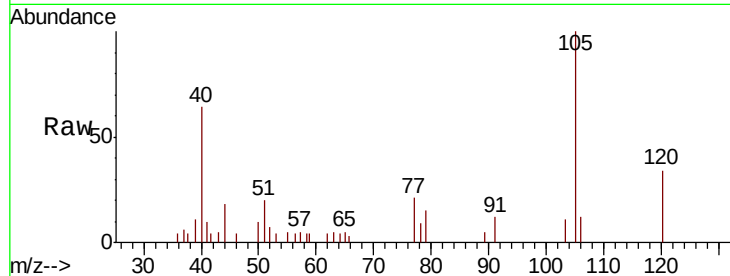
SV28545L

Tot Ion:105 Resp: 2192

Ion Ratio Lower Upper

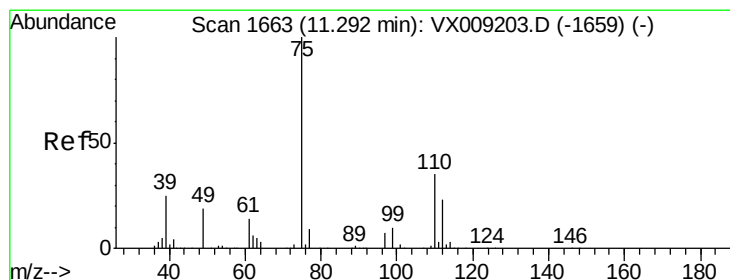
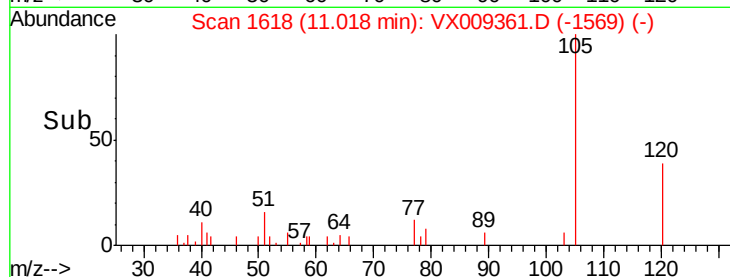
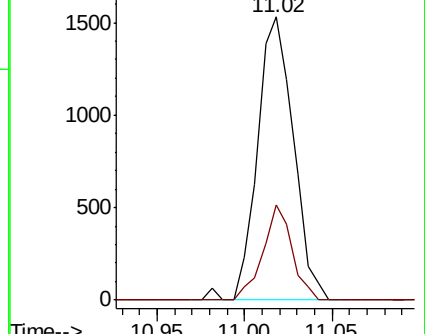
105 100

120 27.4 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

1,2,3-Trichloropropane

Concen: 23.283 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX009361.D

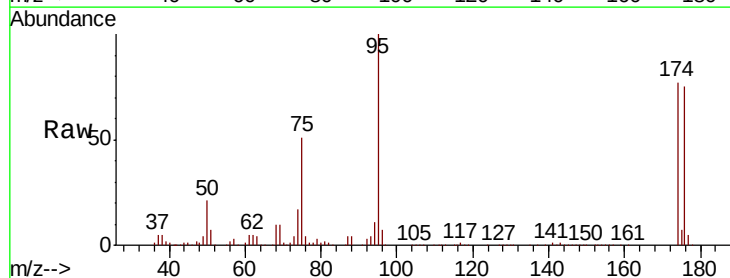
Acq: 06 May 2019 19:23

Tgt Ion: 75 Resp: 61464

Ion Ratio Lower Upper

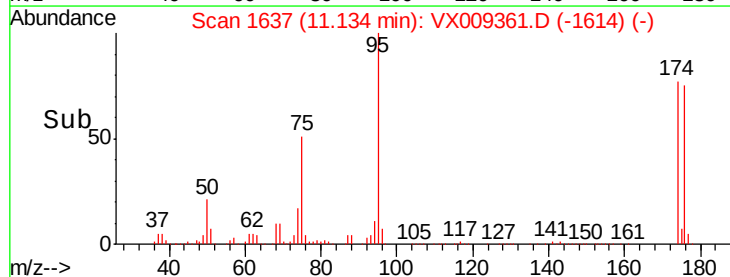
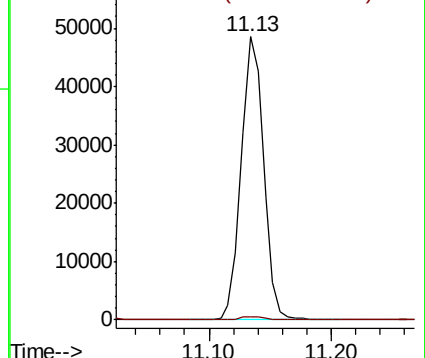
75 100

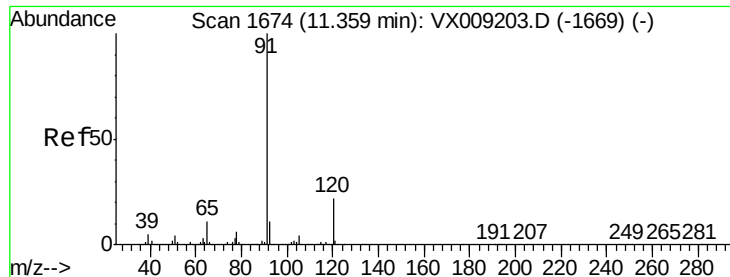
77 1.6 22.1 66.1#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 0.327 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009361.D

Acq: 06 May 2019 19:23

Instrument :

MSVOA_X

ClientSampleId :

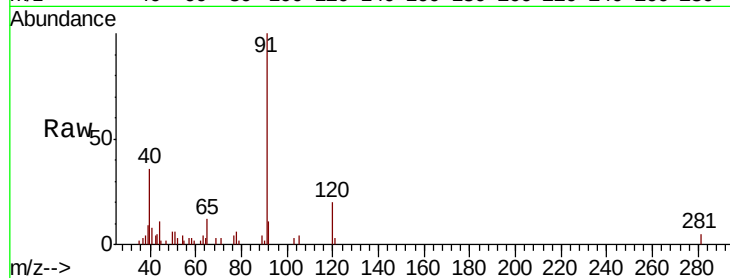
SV28545L

Tot Ion: 91 Resp: 3094

Ion Ratio Lower Upper

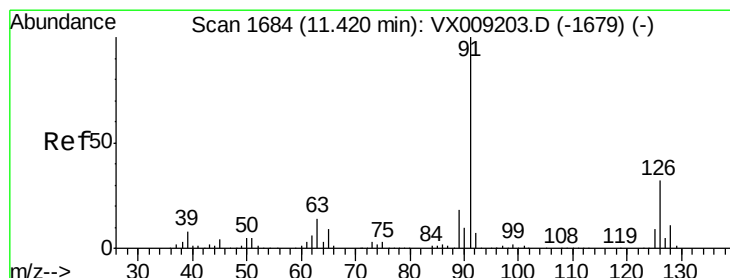
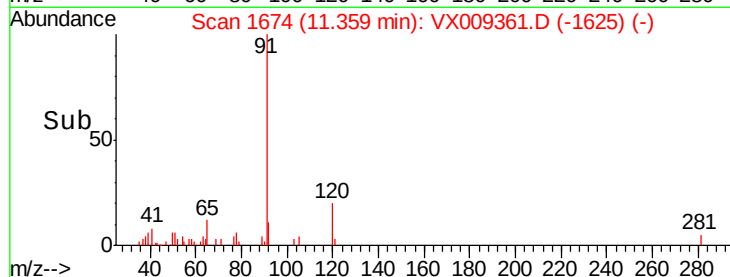
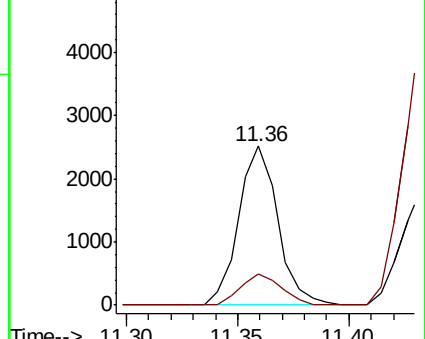
91 100

120 20.5 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 0.512 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX009361.D

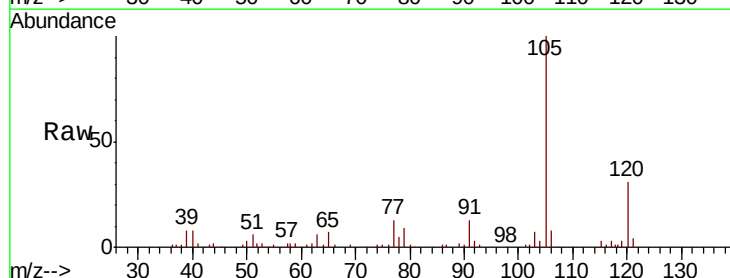
Acq: 06 May 2019 19:23

Tgt Ion: 91 Resp: 2984

Ion Ratio Lower Upper

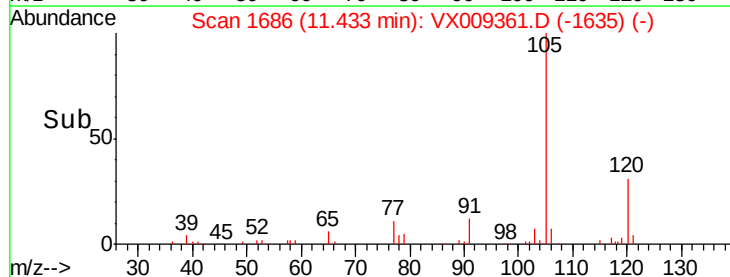
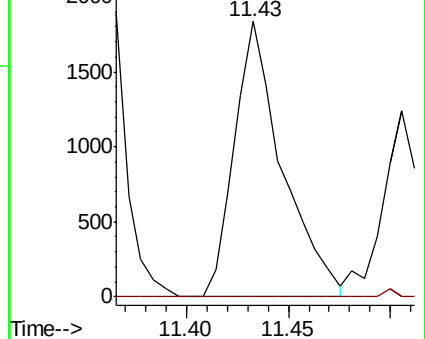
91 100

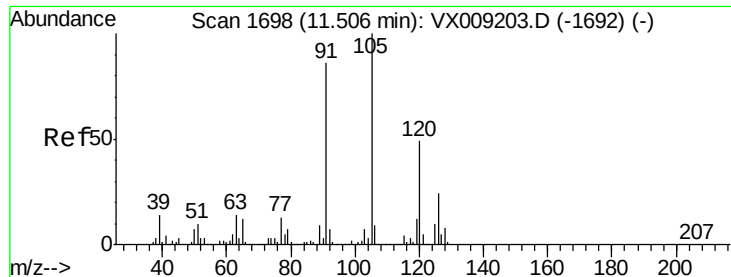
126 0.0 16.3 48.9#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: 1.932 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009361.D

Acq: 06 May 2019 19:23

Instrument :

MSVOA_X

ClientSampled :

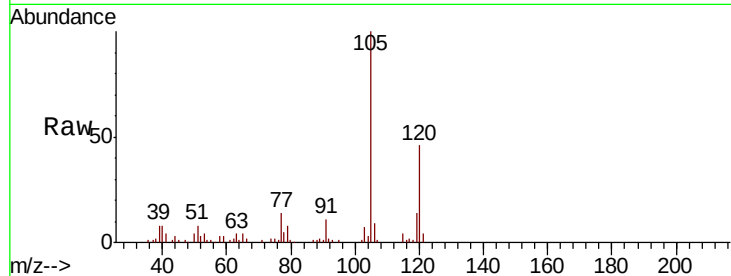
SV28545L

Tot Ion:105 Resp: 13461

Ion Ratio Lower Upper

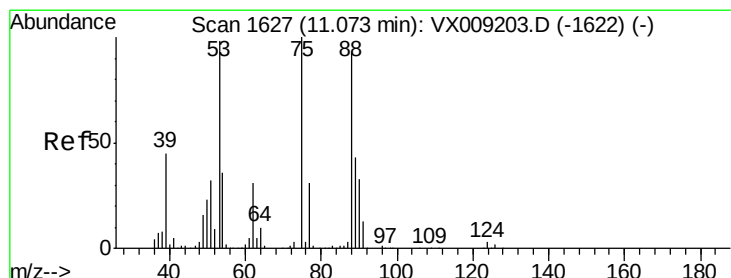
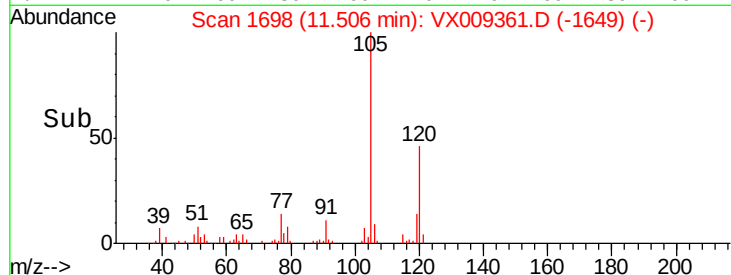
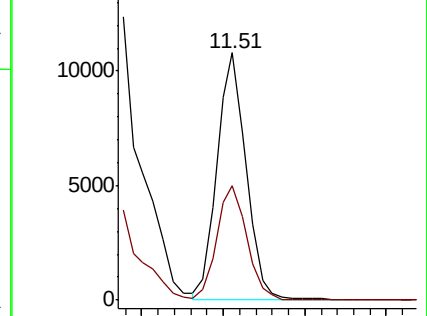
105 100

120 47.5 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 59.573 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX009361.D

Acq: 06 May 2019 19:23

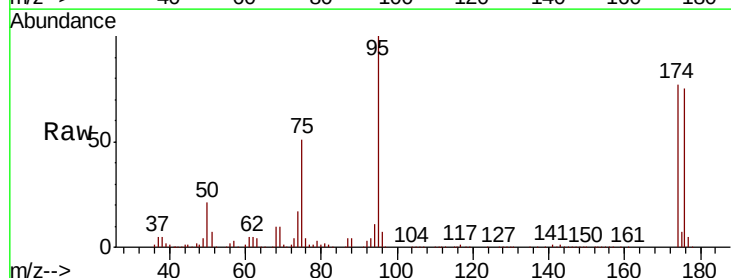
Tgt Ion: 75 Resp: 61464

Ion Ratio Lower Upper

75 100

53 0.0 79.0 118.6#

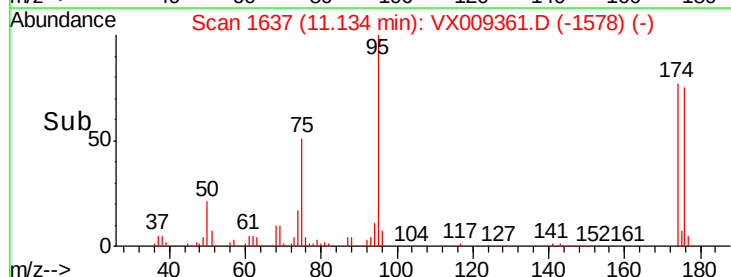
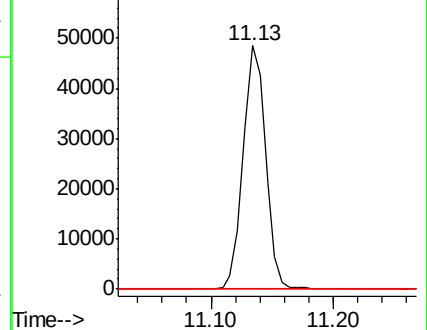
89 0.0 34.7 52.1#

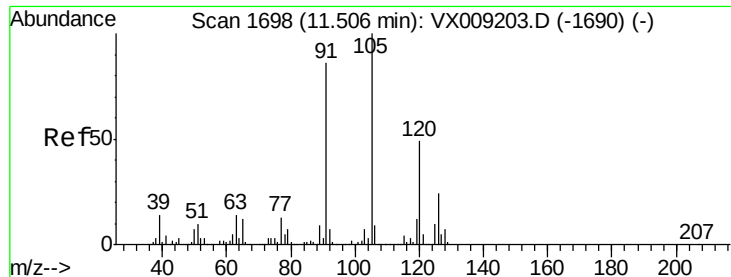


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#82

4-Chlorotoluene

Concen: 0.232 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009361.D

Acq: 06 May 2019 19:23

Instrument :

MSVOA_X

ClientSampled :

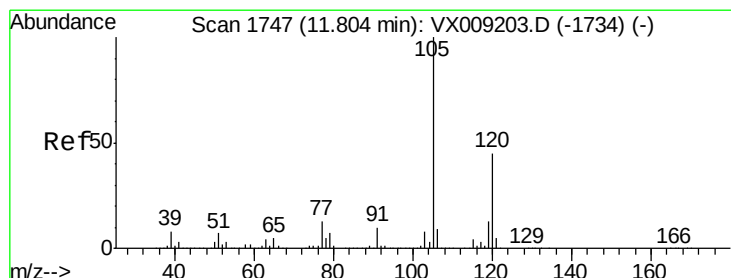
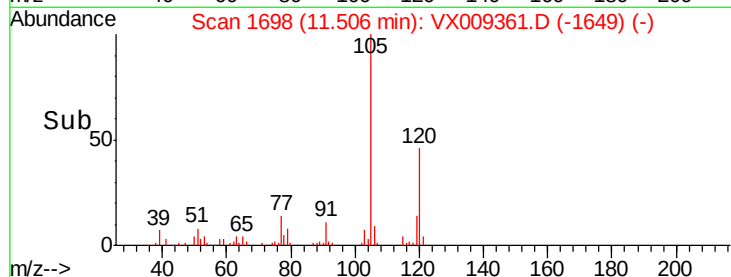
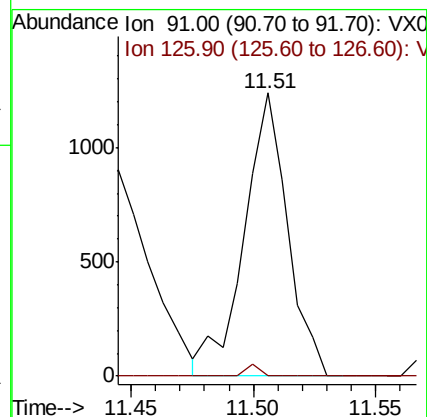
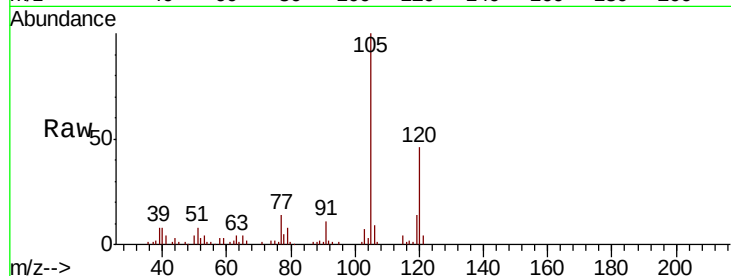
SV28545L

Tot Ion: 91 Resp: 1526

Ion Ratio Lower Upper

91 100

126 1.3 14.5 43.6#



#84

1,2,4-Trimethylbenzene

Concen: 5.596 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX009361.D

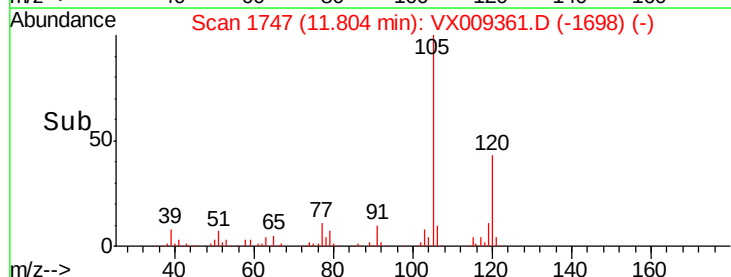
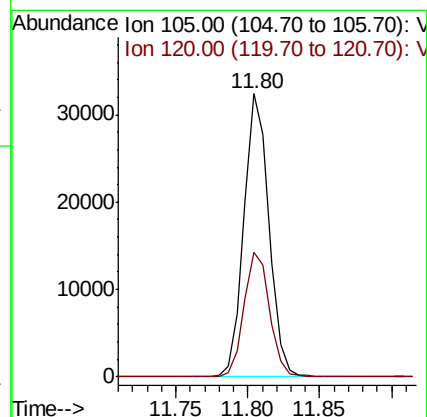
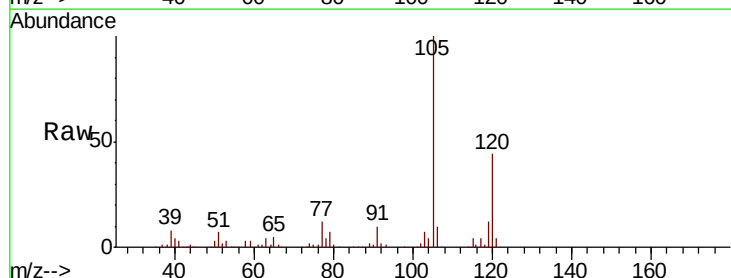
Acq: 06 May 2019 19:23

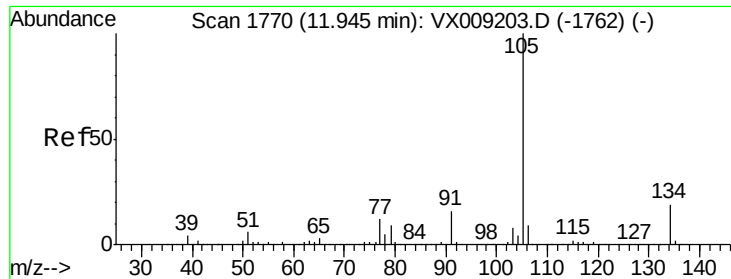
Tgt Ion: 105 Resp: 39138

Ion Ratio Lower Upper

105 100

120 45.0 22.0 66.0

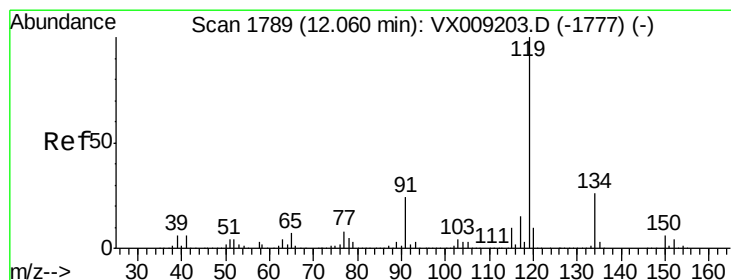
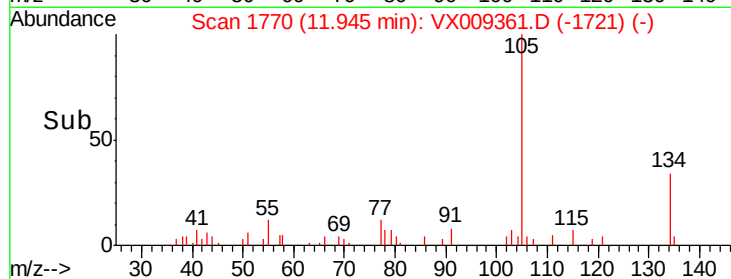
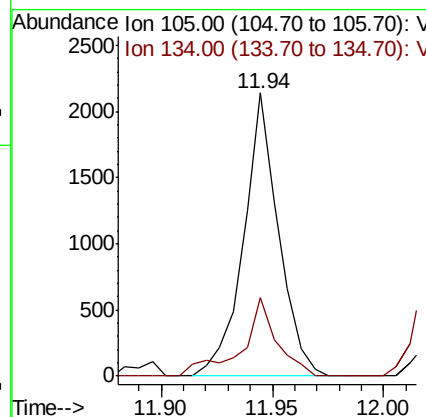
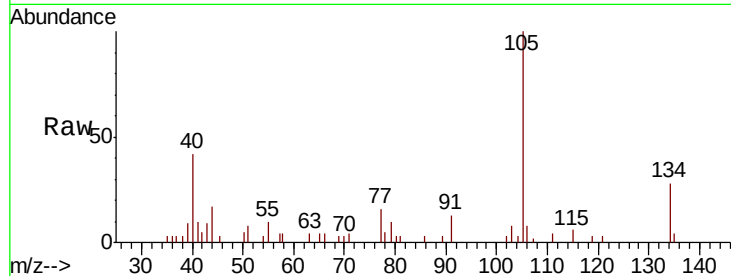




#85
 sec-Butylbenzene
 Concen: 0.292 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX009361.D
 Acq: 06 May 2019 19:23

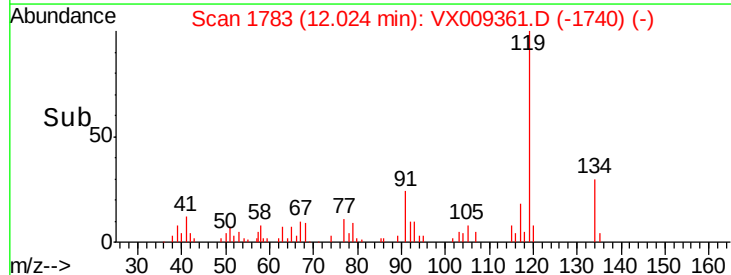
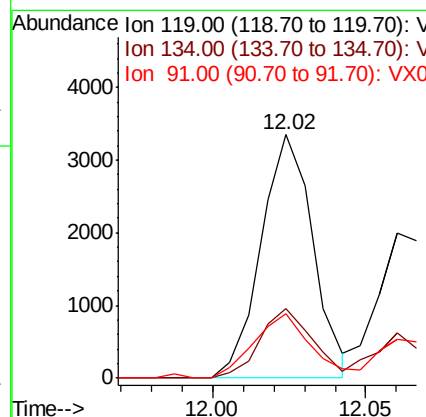
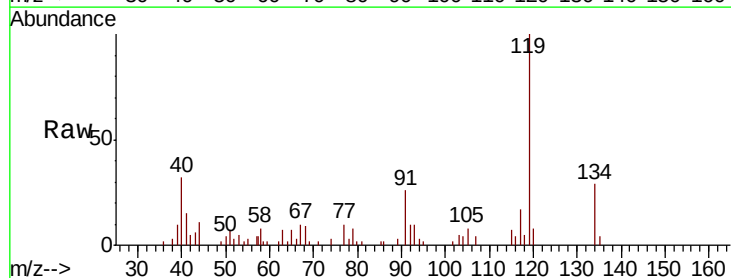
Instrument :
 MSVOA_X
 ClientSampleID :
 SV28545L

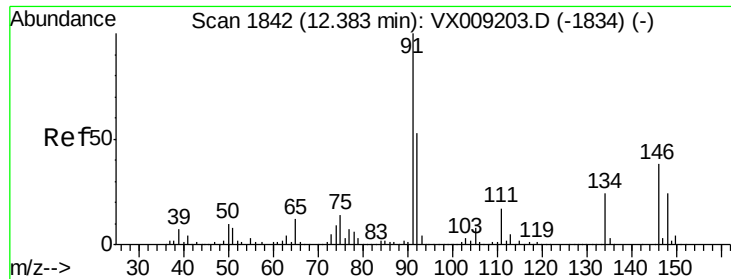
Tot Ion:105 Resp: 2349
 Ion Ratio Lower Upper
 105 100
 134 28.0 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 0.548 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.04 min
 Lab File: VX009361.D
 Acq: 06 May 2019 19:23

Tgt Ion:119 Resp: 3960
 Ion Ratio Lower Upper
 119 100
 134 29.0 12.9 38.7
 91 30.0 11.8 35.4

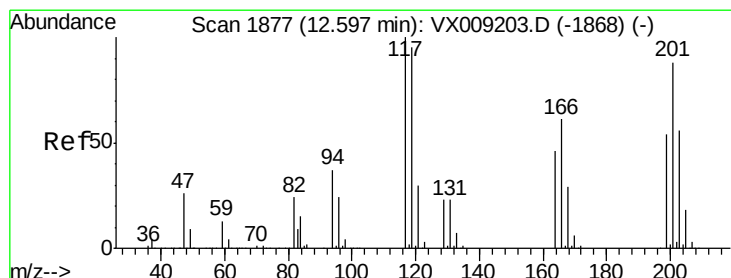
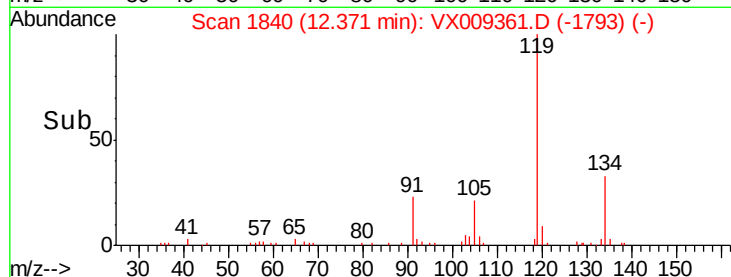
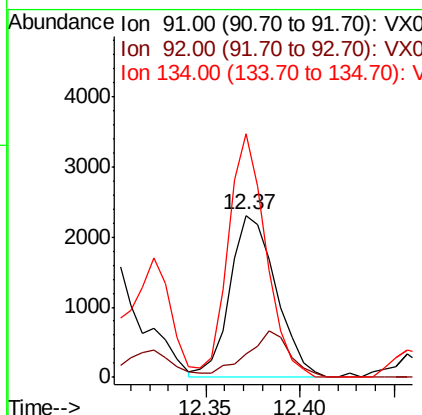
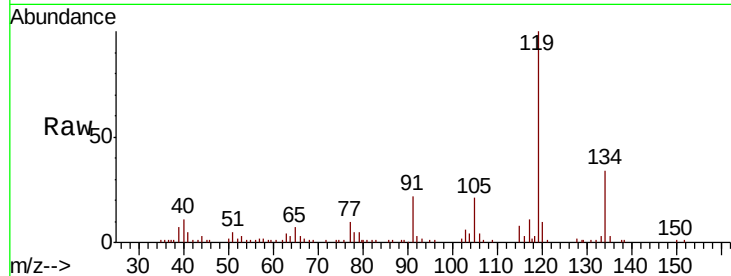




#89
n-Butylbenzene
Concen: 0.602 ug/l
RT: 12.37 min Scan# 1840
Delta R.T. -0.01 min
Lab File: VX009361.D
Acq: 06 May 2019 19:23

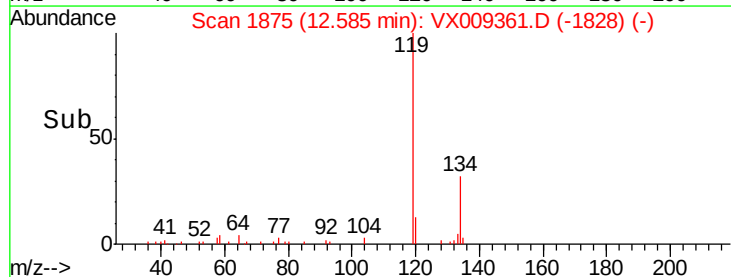
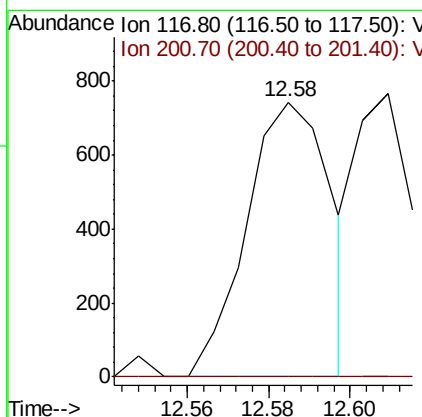
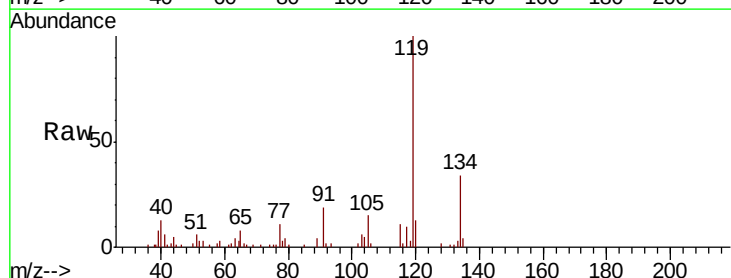
Instrument :
MSVOA_X
ClientSampled :
SV28545L

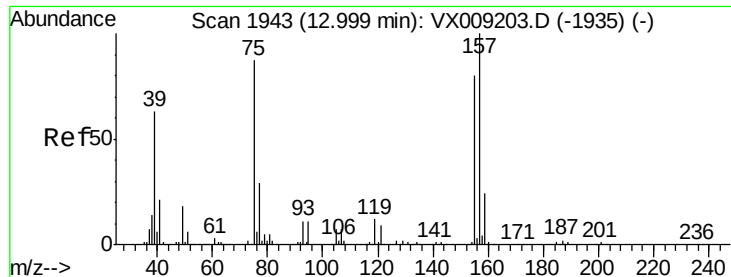
Tot Ion: 91 Resp: 3933
Ion Ratio Lower Upper
91 100
92 27.3 26.5 79.5
134 121.5 12.4 37.2#



#90
Hexachloroethane
Concen: 0.868 ug/l
RT: 12.58 min Scan# 1875
Delta R.T. -0.01 min
Lab File: VX009361.D
Acq: 06 May 2019 19:23

Tgt Ion: 117 Resp: 1069
Ion Ratio Lower Upper
117 100
201 0.0 42.3 126.9#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.290 ug/l

RT: 13.01 min Scan# 1944

Delta R.T. 0.01 min

Lab File: VX009361.D

Acq: 06 May 2019 19:23

Instrument :

MSVOA_X

ClientSampleId :

SV28545L

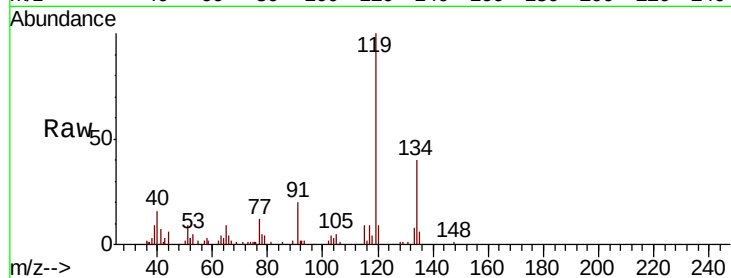
Tot Ion: 75 Resp: 201

Ion Ratio Lower Upper

75 100

155 0.0 42.0 126.0#

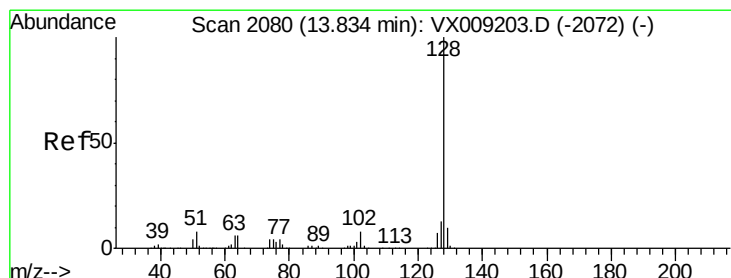
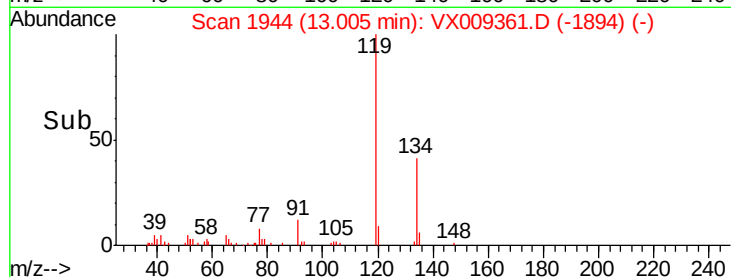
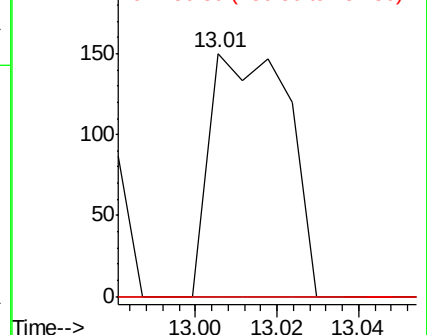
157 0.0 53.2 159.6#



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



#95

Naphthalene

Concen: 0.778 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX009361.D

Acq: 06 May 2019 19:23

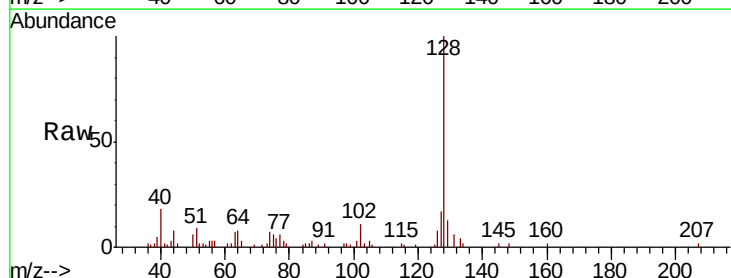
Tgt Ion: 128 Resp: 6457

Ion Ratio Lower Upper

128 100

127 16.1 10.4 15.6#

129 19.3 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

