

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081119\
 Data File : VX011454.D
 Acq On : 12 Aug 2019 01:11
 Operator : JC/SP
 Sample : K4266-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 R1-R2(A1-A4)-(4.3)

Quant Time: Aug 12 07:56:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	204257	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	304101	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	281604	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	125851	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	110694	53.81	ug/l	0.00
Spiked Amount			Recovery	=	107.62%	
35) Dibromofluoromethane	5.49	113	94411	47.55	ug/l	0.00
Spiked Amount			Recovery	=	95.10%	
50) Toluene-d8	8.71	98	367287	49.01	ug/l	0.00
Spiked Amount			Recovery	=	98.02%	
62) 4-Bromofluorobenzene	11.13	95	120593	45.07	ug/l	0.00
Spiked Amount			Recovery	=	90.14%	

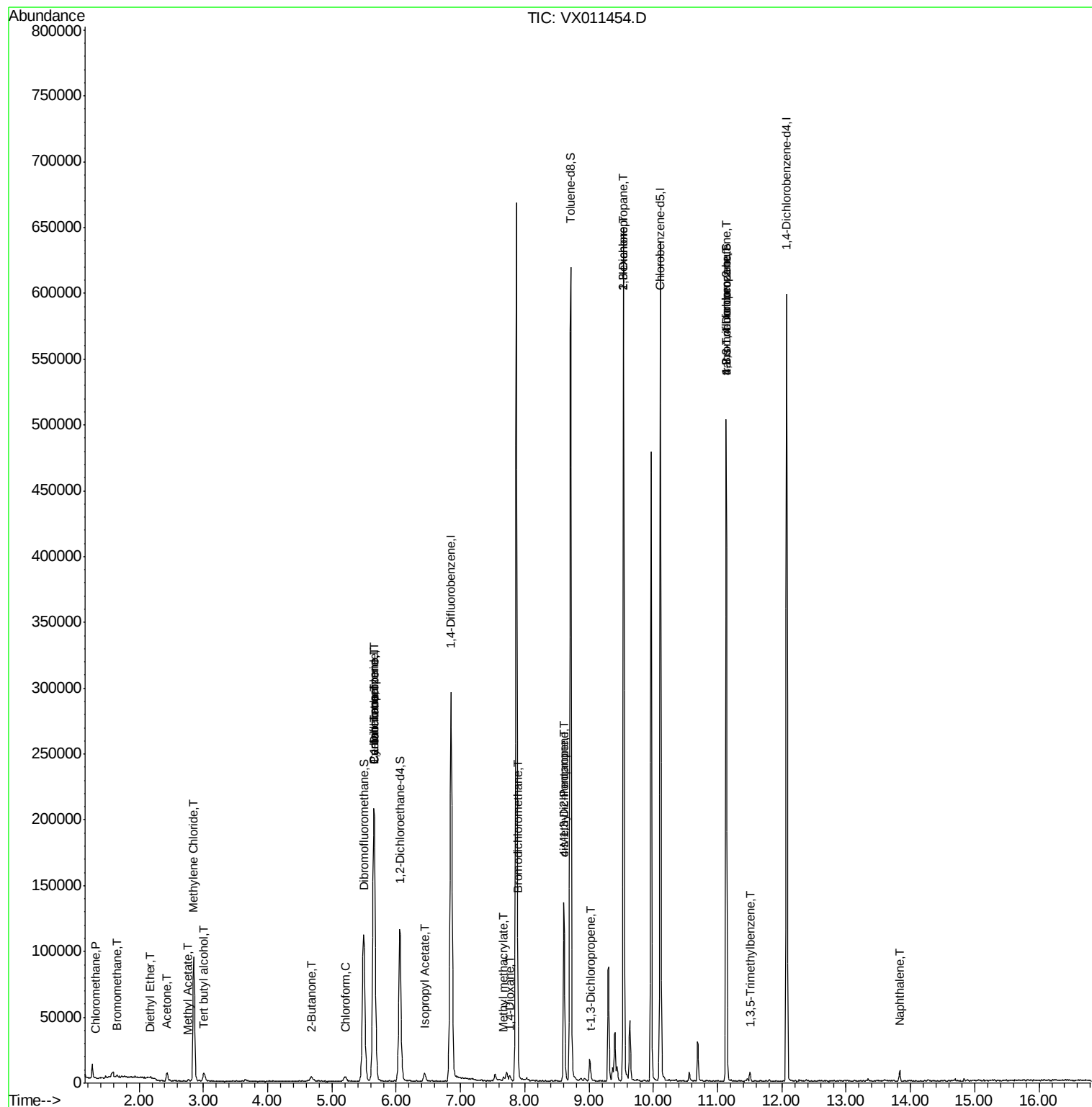
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	390	0.220	ug/l	93
5) Bromomethane	1.65	94	633	0.455	ug/l	98
6) Chloroethane	1.71	64	200	Below Cal	#	43
8) Diethyl Ether	2.18	74	397	0.321	ug/l	62
11) Tert butyl alcohol	3.01	59	3367	8.231	ug/l #	84
13) Acrolein	2.30	56	97	Below Cal	#	1
16) Acetone	2.44	43	7239	7.394	ug/l	92
18) Methyl Acetate	2.76	43	1191	0.532	ug/l	95
20) Methylene Chloride	2.85	84	44337	20.677	ug/l	98
25) 2-Butanone	4.68	43	714	0.513	ug/l	92
30) Chloroform	5.21	83	3959	1.134	ug/l #	64
31) Cyclohexane	5.66	56	3711	1.401	ug/l #	21
36) 1,1-Dichloropropene	5.66	75	13663	5.146	ug/l #	51
38) Carbon Tetrachloride	5.65	117	18847	7.056	ug/l #	16
43) Isopropyl Acetate	6.44	43	8499	1.996	ug/l	99
47) Bromodichloromethane	7.90	83	604	0.238	ug/l #	92
48) Methyl methacrylate	7.67	41	3900	1.946	ug/l #	10
49) 1,4-Dioxane	7.76	88	24	0.413	ug/l #	1
51) 4-Methyl-2-Pentanone	8.61	43	42530	15.477	ug/l #	48
53) t-1,3-Dichloropropene	9.04	75	27	2.847	ug/l #	43
54) cis-1,3-Dichloropropene	8.61	75	21314	7.195	ug/l #	65
57) 1,3-Dichloropropane	9.54	76	6006	1.763	ug/l #	43
59) 2-Hexanone	9.54	43	72332	33.984	ug/l #	50
76) 1,2,3-Trichloropropane	11.13	75	61571	26.865	ug/l #	36
80) 1,3,5-Trimethylbenzene	11.51	105	2700	0.375	ug/l	93
81) trans-1,4-Dichloro-2-buten	11.13	75	61571	69.768	ug/l #	10
95) Naphthalene	13.83	128	4572	0.556	ug/l #	94

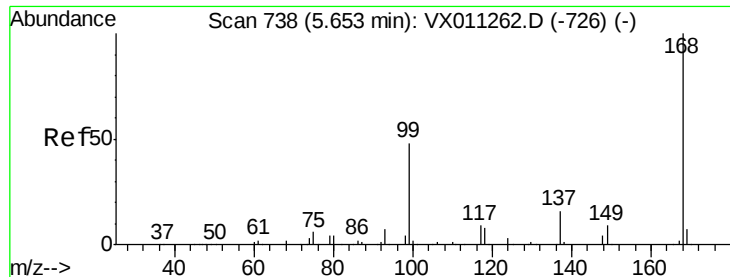
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011454.D

Acq: 12 Aug 2019 01:11

Instrument :

MSVOA_X

ClientSampleId :

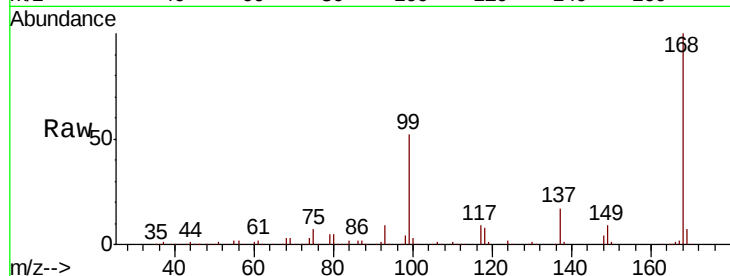
R1-R2(A1-A4)-(4.3)

Tgt Ion:168 Resp: 204257

Ion Ratio Lower Upper

168 100

99 52.1 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

80000

60000

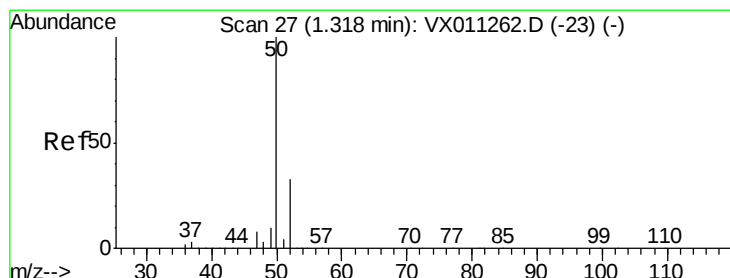
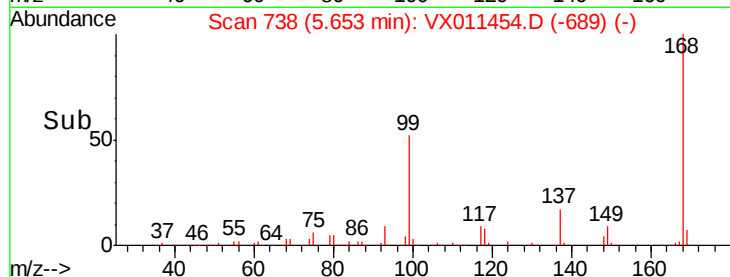
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.220 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX011454.D

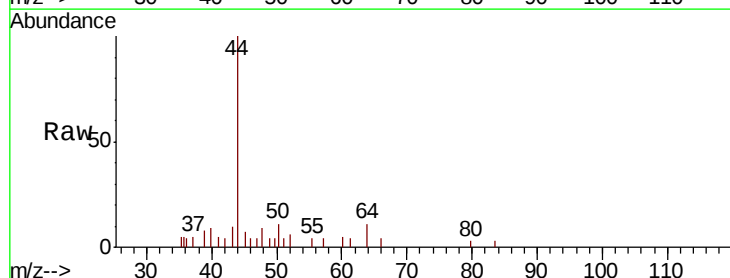
Acq: 12 Aug 2019 01:11

Tgt Ion: 50 Resp: 390

Ion Ratio Lower Upper

50 100

52 36.7 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33

250

200

150

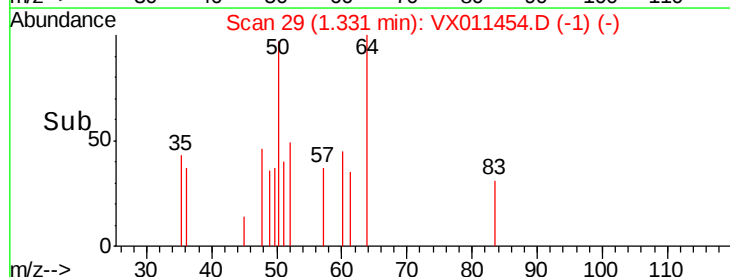
100

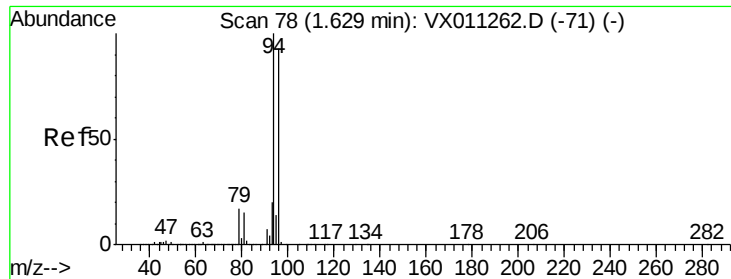
50

0

Time-->

1.30 1.35





#5

Bromomethane

Concen: 0.455 ug/l

RT: 1.65 min Scan# 82

Delta R.T. 0.02 min

Lab File: VX011454.D

Acq: 12 Aug 2019 01:11

Instrument :

MSVOA_X

ClientSampleId :

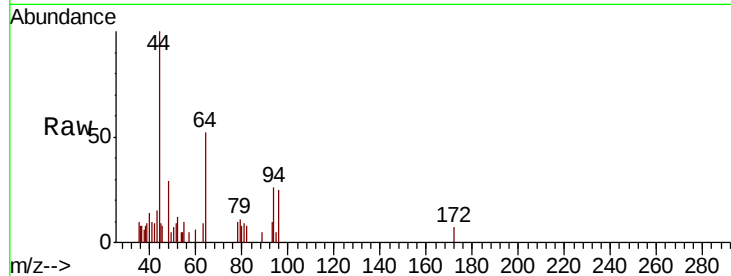
R1-R2(A1-A4)-(4.3)

Tgt Ion: 94 Resp: 633

Ion Ratio Lower Upper

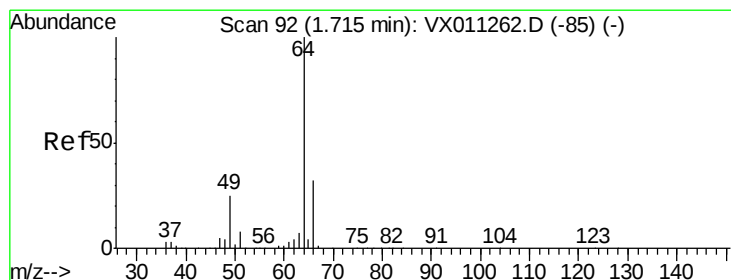
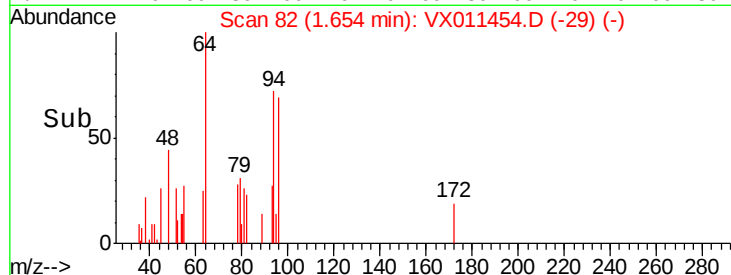
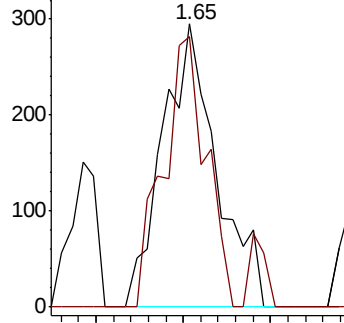
94 100

96 95.6 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: Below Cal

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX011454.D

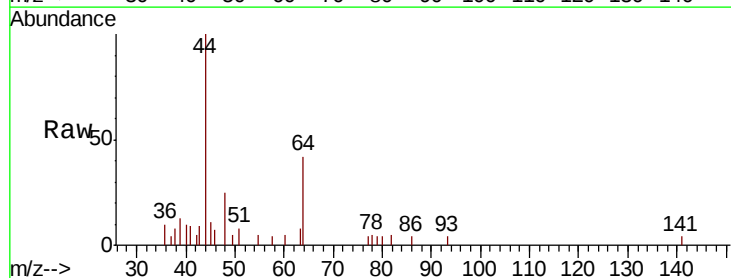
Acq: 12 Aug 2019 01:11

Tgt Ion: 64 Resp: 200

Ion Ratio Lower Upper

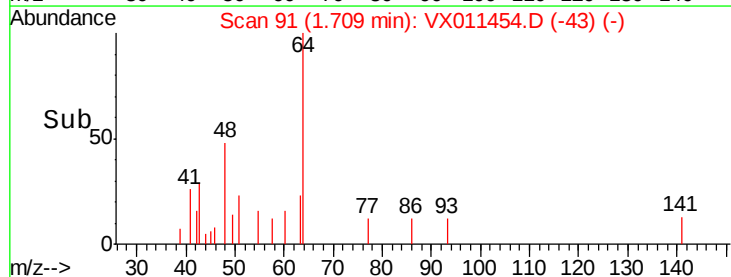
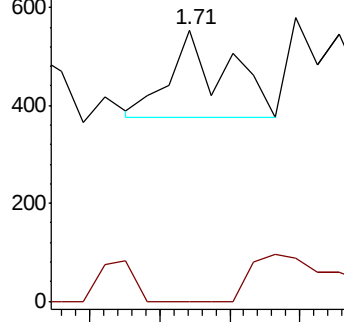
64 100

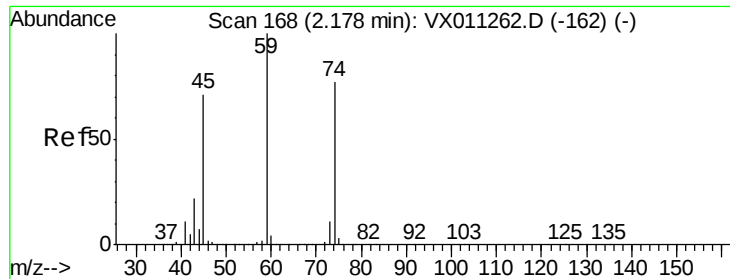
66 0.0 25.1 37.7#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#8

Diethyl Ether

Concen: 0.321 ug/l

RT: 2.18 min Scan# 169

Delta R.T. 0.01 min

Lab File: VX011454.D

Acq: 12 Aug 2019 01:11

Instrument :

MSVOA_X

ClientSampleId :

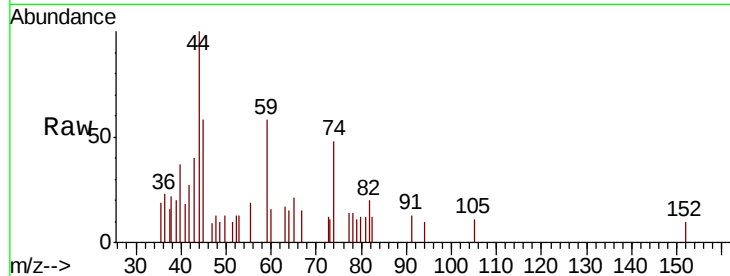
R1-R2(A1-A4)-(4.3)

Tgt Ion: 74 Resp: 397

Ion Ratio Lower Upper

74 100

45 128.5 46.1 138.3



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

300

200

100

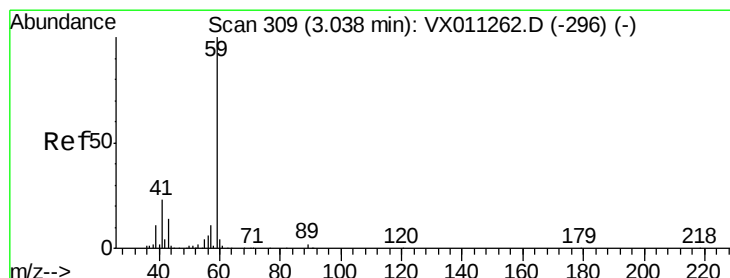
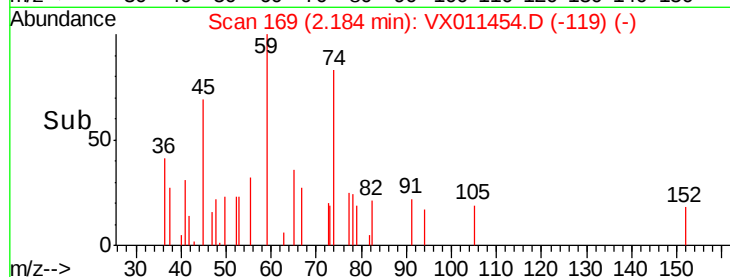
0

2.15

2.20

2.18

Time-->



#11

Tert butyl alcohol

Concen: 8.231 ug/l

RT: 3.01 min Scan# 304

Delta R.T. -0.03 min

Lab File: VX011454.D

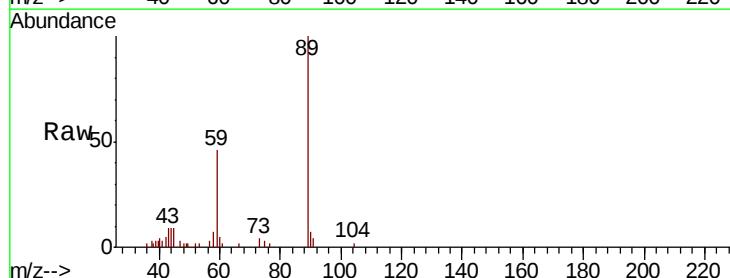
Acq: 12 Aug 2019 01:11

Tgt Ion: 59 Resp: 3367

Ion Ratio Lower Upper

59 100

57 4.5 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

1500

1000

500

0

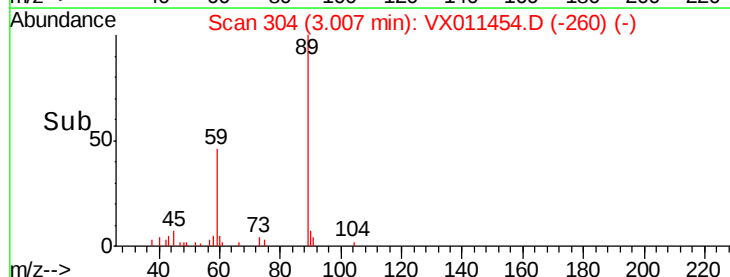
2.95

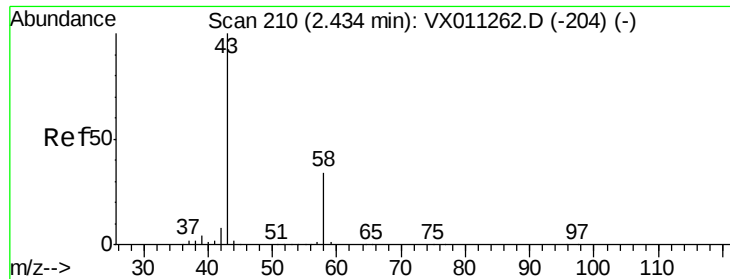
3.00

3.05

3.10

Time-->





#16

Acetone

Concen: 7.394 ug/l

RT: 2.44 min Scan# 211

Delta R.T. 0.01 min

Lab File: VX011454.D

Acq: 12 Aug 2019 01:11

Instrument :

MSVOA_X

ClientSampleId :

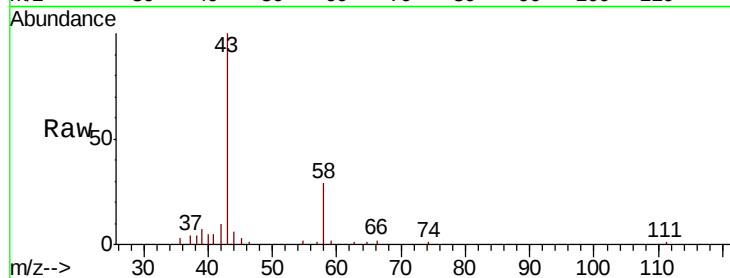
R1-R2(A1-A4)-(4.3)

Tgt Ion: 43 Resp: 7239

Ion Ratio Lower Upper

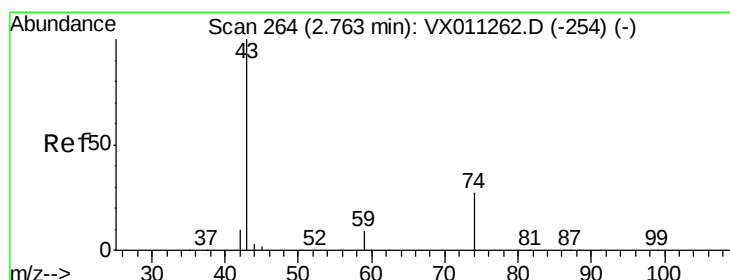
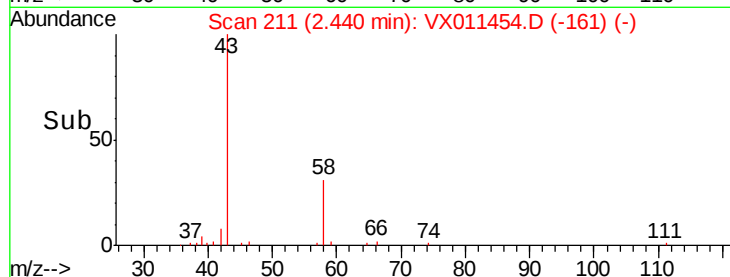
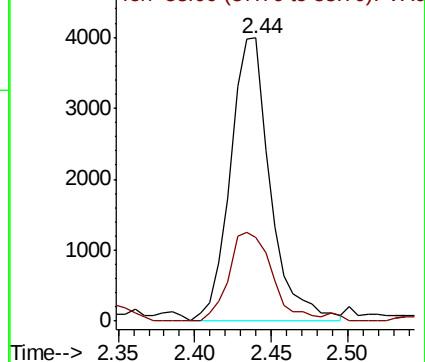
43 100

58 29.5 27.4 41.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#18

Methyl Acetate

Concen: 0.532 ug/l

RT: 2.76 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX011454.D

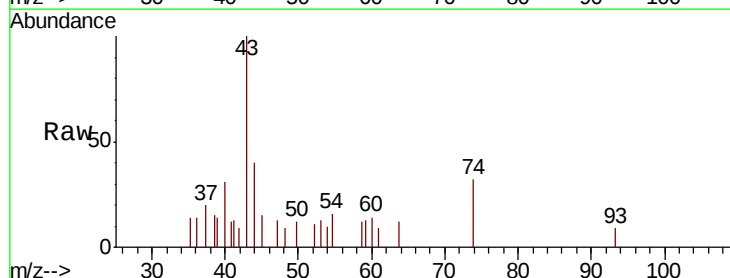
Acq: 12 Aug 2019 01:11

Tgt Ion: 43 Resp: 1191

Ion Ratio Lower Upper

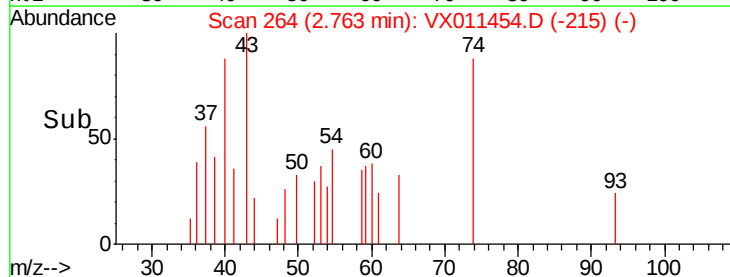
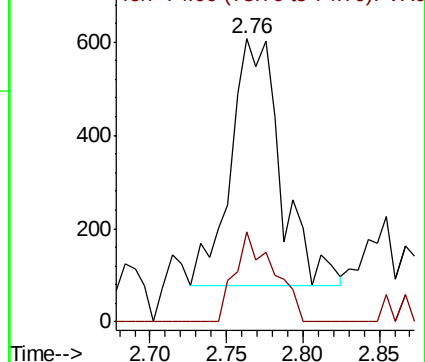
43 100

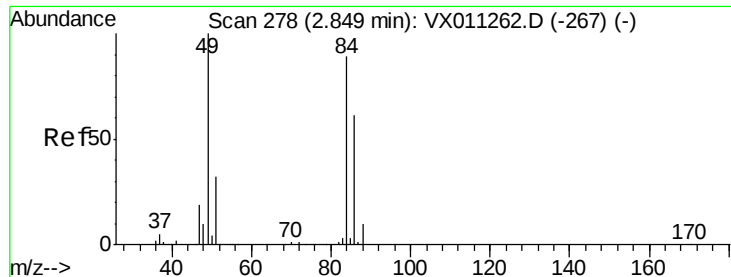
74 28.7 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

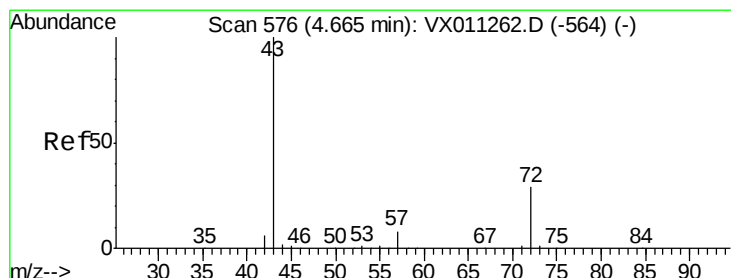
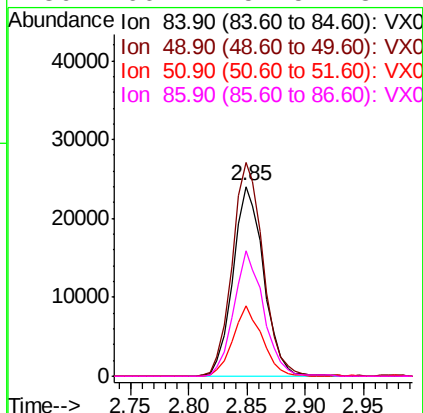
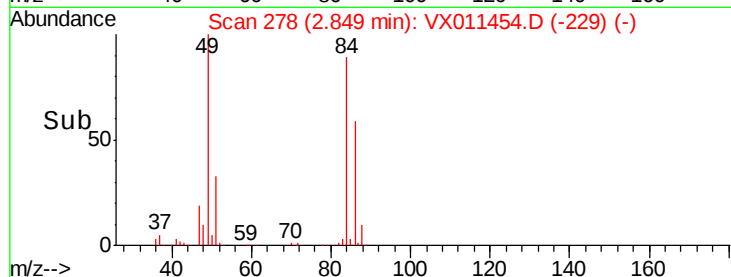
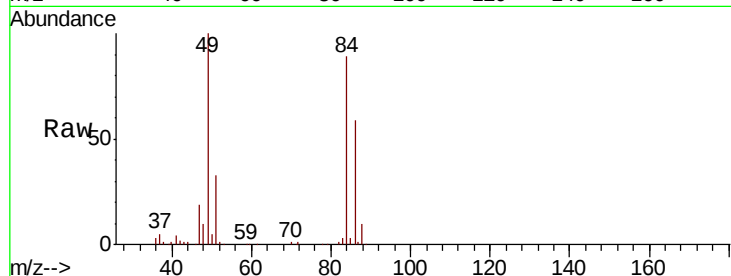




#20
Methylene Chloride
Concen: 20.677 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011454.D
Acq: 12 Aug 2019 01:11

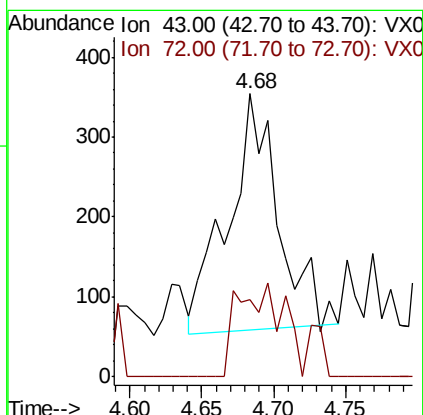
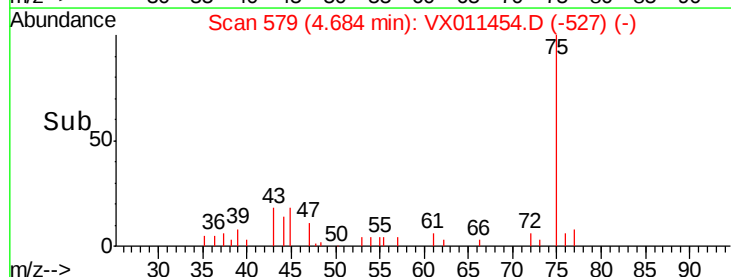
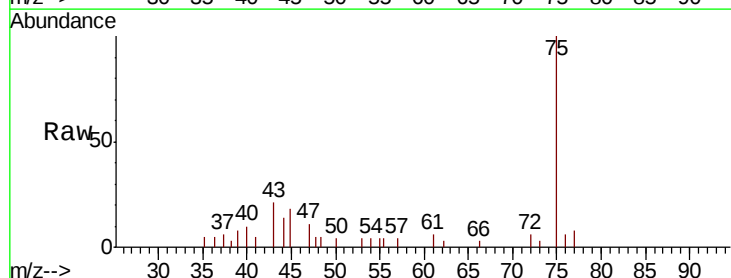
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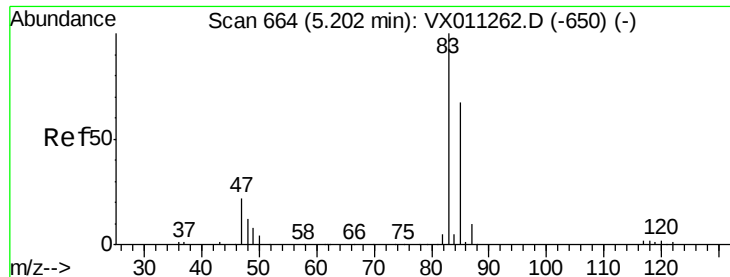
Tgt Ion:	84	Resp:	44337
Ion	Ratio	Lower	Upper
84	100		
49	112.4	89.3	133.9
51	37.1	28.3	42.5
86	66.4	54.5	81.7



#25
2-Butanone
Concen: 0.513 ug/l
RT: 4.68 min Scan# 579
Delta R.T. 0.02 min
Lab File: VX011454.D
Acq: 12 Aug 2019 01:11

Tgt Ion:	43	Resp:	714
Ion	Ratio	Lower	Upper
43	100		
72	33.3	23.2	34.8

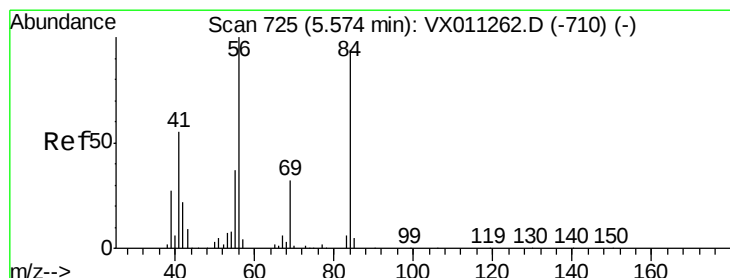
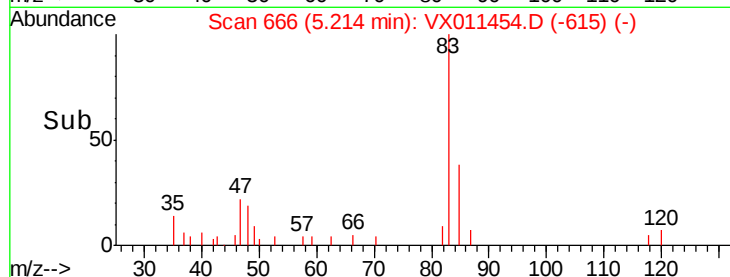
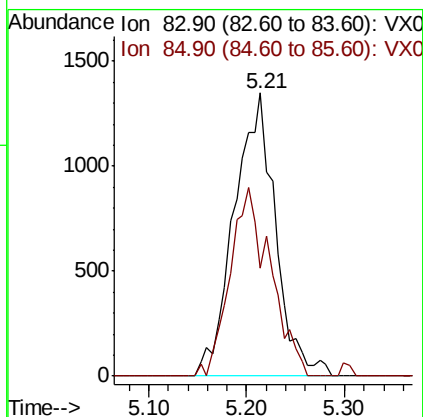
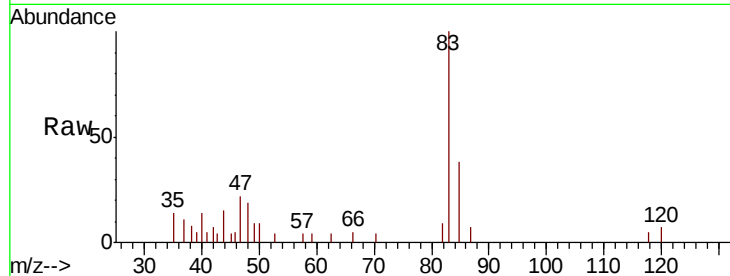




#30
Chloroform
Concen: 1.134 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX011454.D
Acq: 12 Aug 2019 01:11

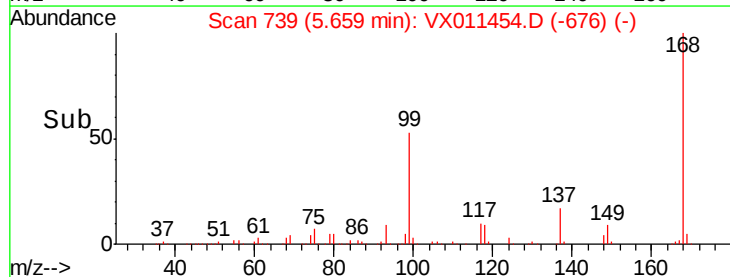
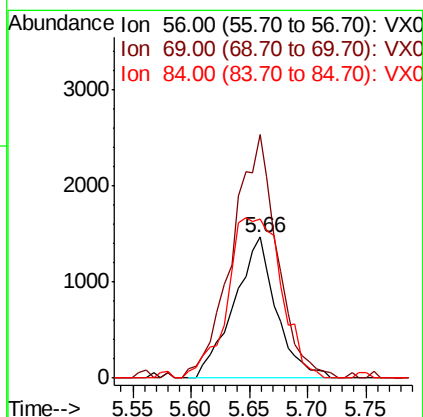
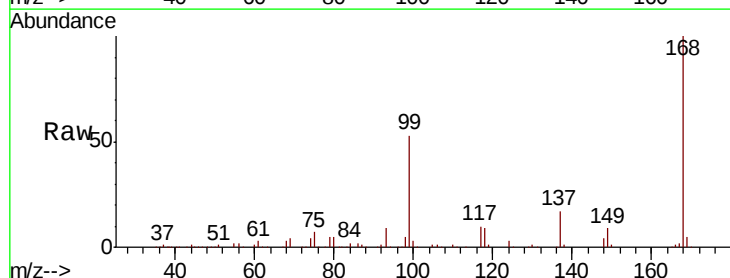
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MSVOA_X
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R1-R2(A1-A4)-(4.3)

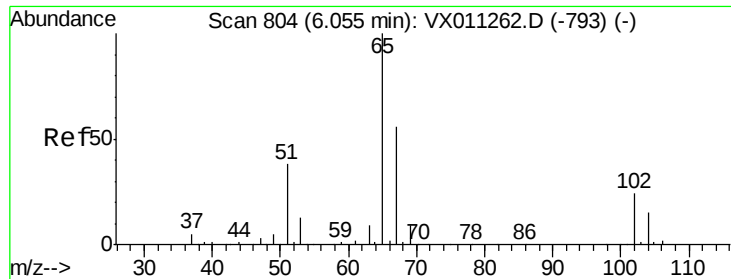
Tgt Ion: 83 Resp: 3959
Ion Ratio Lower Upper
83 100
85 38.3 53.4 80.0#



#31
Cyclohexane
Concen: 1.401 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.09 min
Lab File: VX011454.D
Acq: 12 Aug 2019 01:11

Tgt Ion: 56 Resp: 3711
Ion Ratio Lower Upper
56 100
69 172.9 25.5 38.3#
84 113.0 75.0 112.4#





#33

1,2-Dichloroethane-d4

Concen: 53.814 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011454.D

Acq: 12 Aug 2019 01:11

Instrument :

MSVOA_X

ClientSampleId :

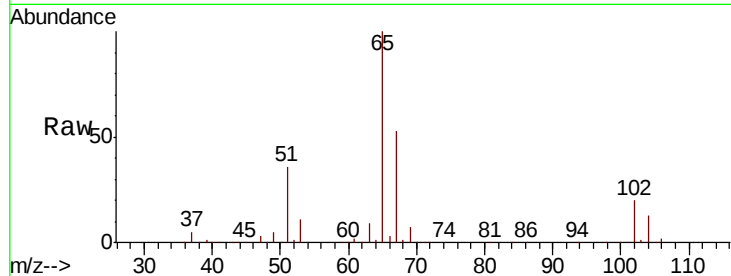
R1-R2(A1-A4)-(4.3)

Tgt Ion: 65 Resp: 110694

Ion Ratio Lower Upper

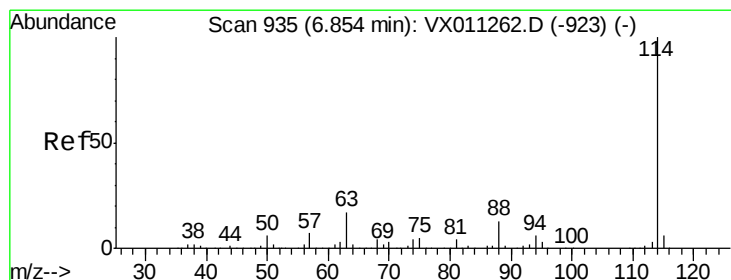
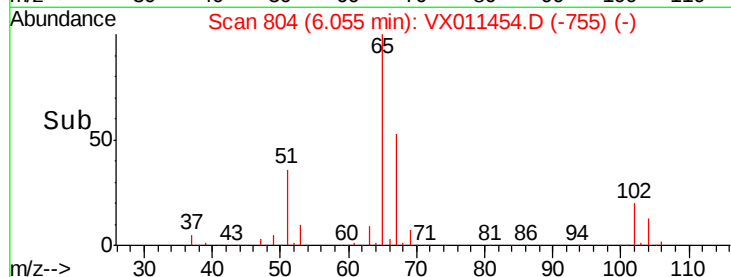
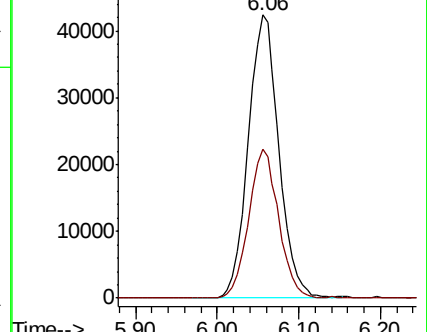
65 100

67 51.4 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. 0.00 min

Lab File: VX011454.D

Acq: 12 Aug 2019 01:11

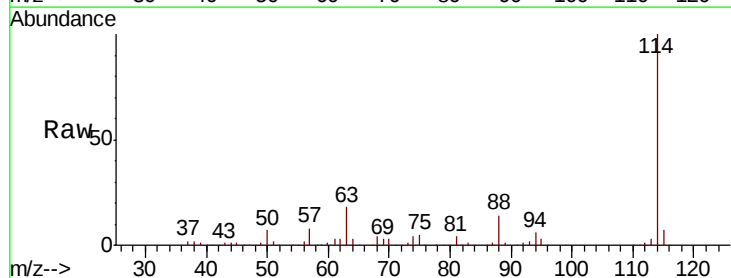
Tgt Ion: 114 Resp: 304101

Ion Ratio Lower Upper

114 100

63 18.3 0.0 34.0

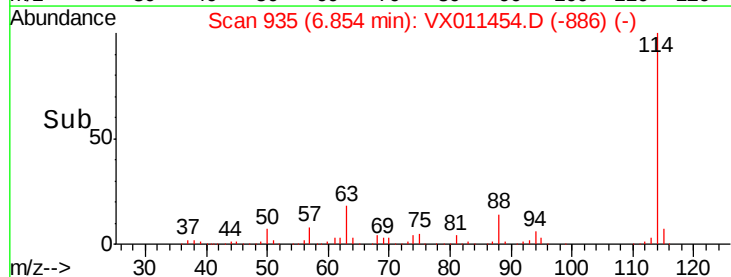
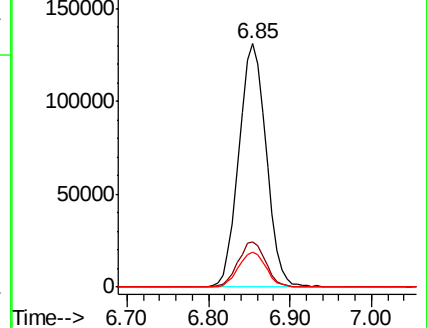
88 14.4 0.0 26.4

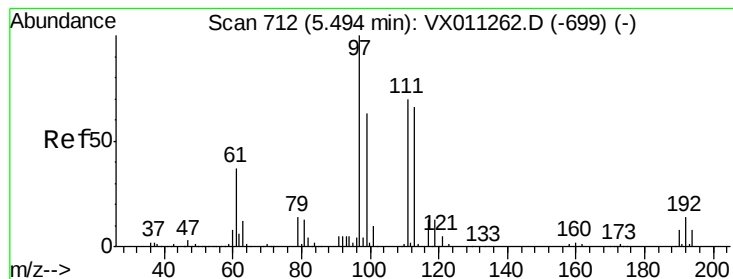


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.552 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011454.D

Acq: 12 Aug 2019 01:11

Instrument :

MSVOA_X

ClientSampleId :

R1-R2(A1-A4)-(4.3)

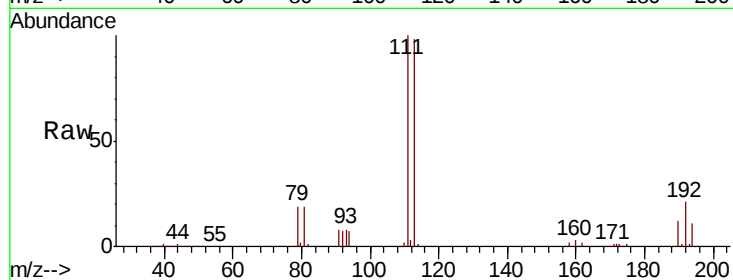
Tgt Ion:113 Resp: 94411

Ion Ratio Lower Upper

113 100

111 100.1 81.9 122.9

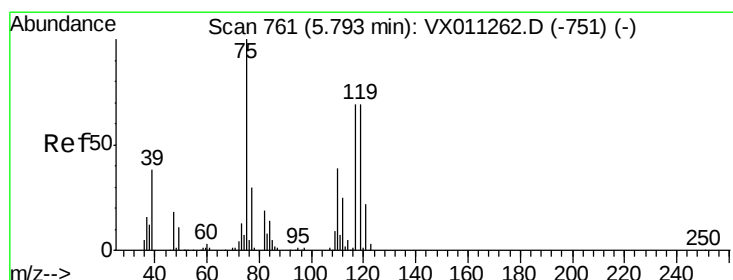
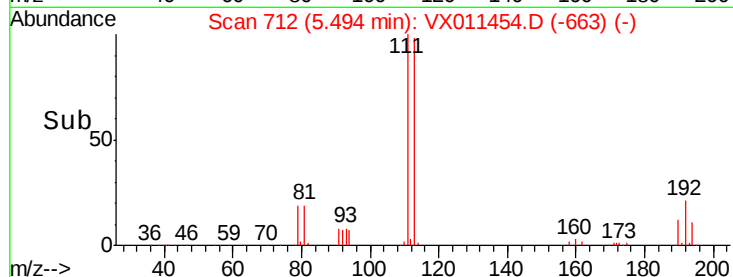
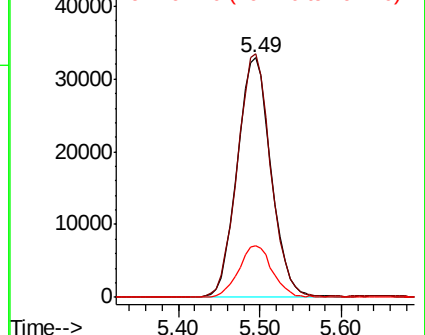
192 21.4 17.8 26.8



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: 5.146 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.13 min

Lab File: VX011454.D

Acq: 12 Aug 2019 01:11

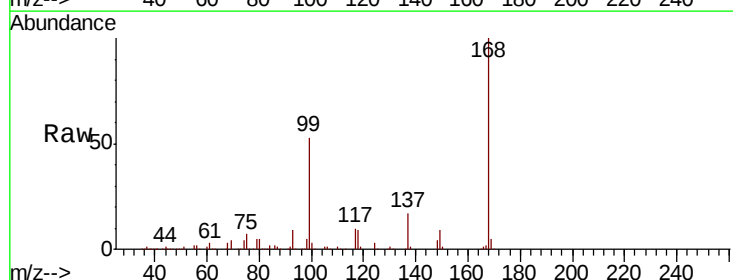
Tgt Ion: 75 Resp: 13663

Ion Ratio Lower Upper

75 100

110 12.5 20.0 59.9#

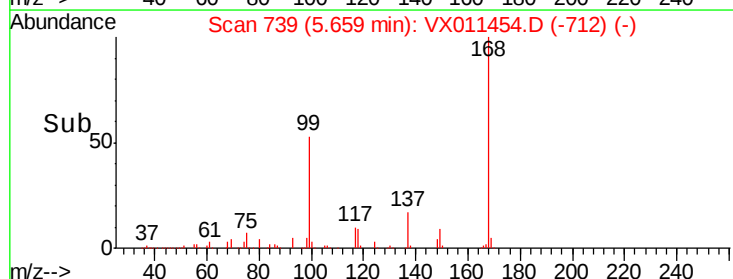
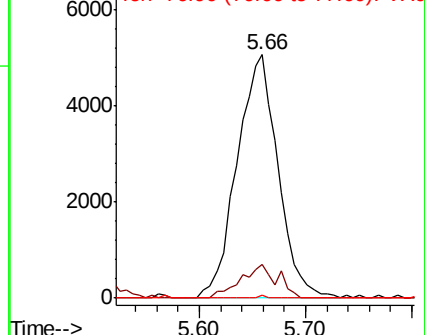
77 0.2 24.8 37.2#

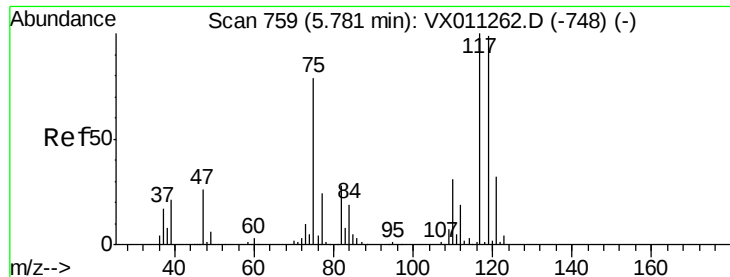


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 7.056 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.13 min

Lab File: VX011454.D

Acq: 12 Aug 2019 01:11

Instrument :

MSVOA_X

ClientSampleId :

R1-R2(A1-A4)-(4.3)

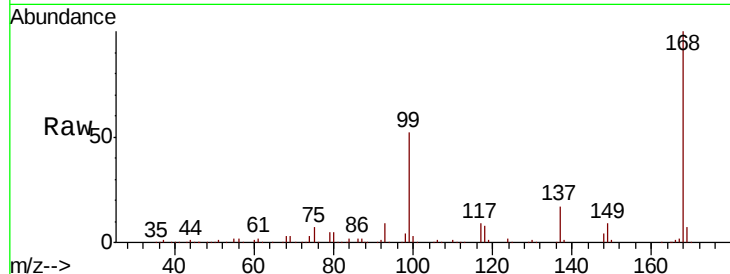
Tgt Ion:117 Resp: 18847

Ion Ratio Lower Upper

117 100

119 6.5 79.0 118.4#

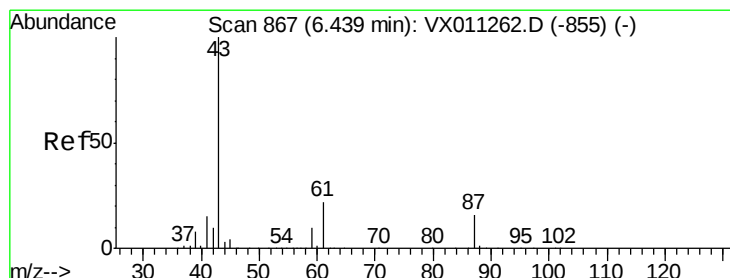
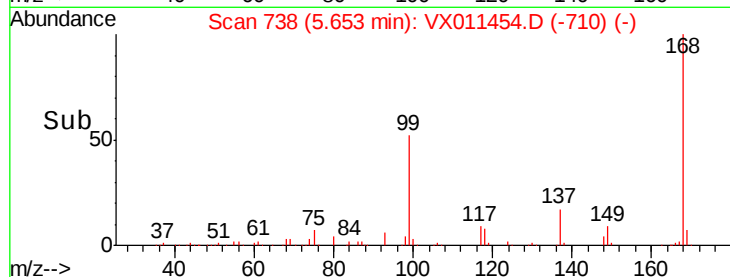
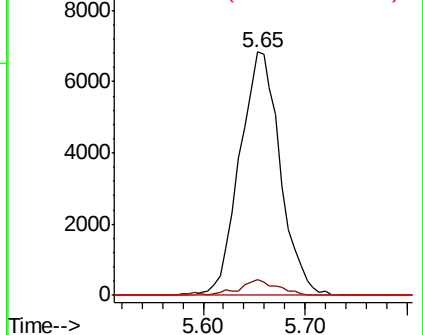
121 0.0 25.9 38.9#



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



#43

Isopropyl Acetate

Concen: 1.996 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX011454.D

Acq: 12 Aug 2019 01:11

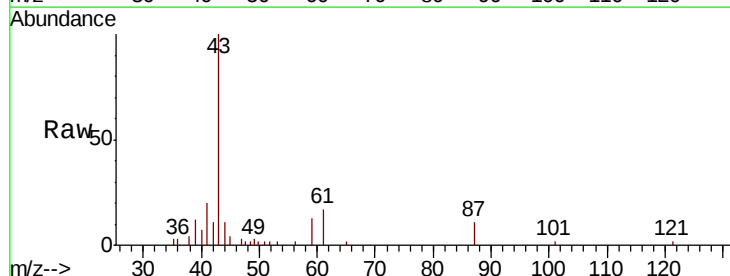
Tgt Ion: 43 Resp: 8499

Ion Ratio Lower Upper

43 100

61 20.4 16.5 24.7

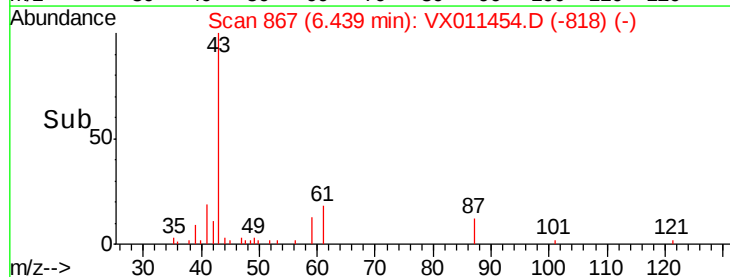
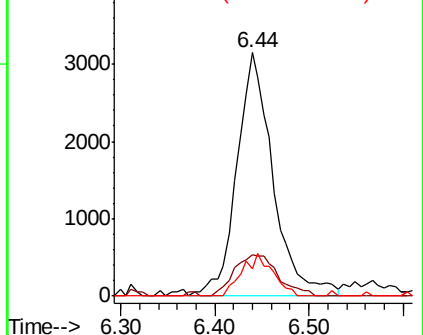
87 14.6 12.1 18.1

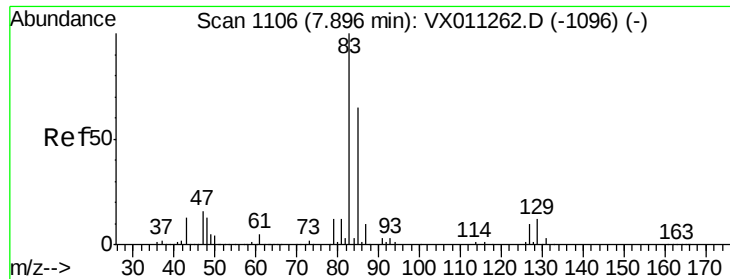


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#47

Bromodichloromethane

Concen: 0.238 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX011454.D

Acq: 12 Aug 2019 01:11

Instrument :

MSVOA_X

ClientSampleId :

R1-R2(A1-A4)-(4.3)

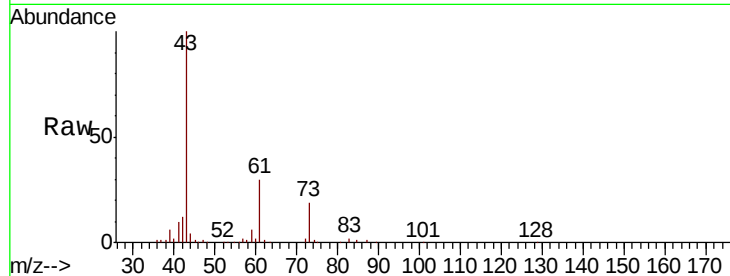
Tgt Ion: 83 Resp: 604

Ion Ratio Lower Upper

83 100

85 61.4 52.2 78.2

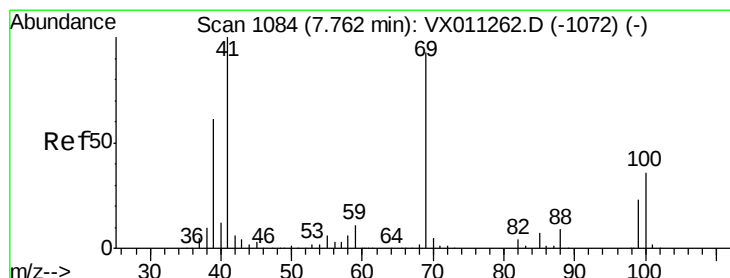
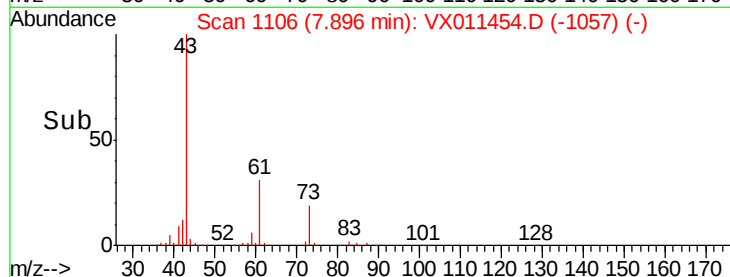
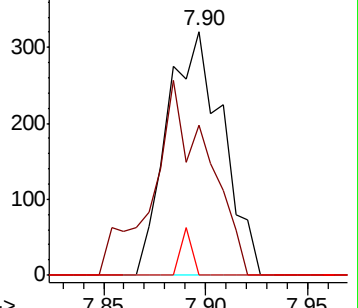
127 0.0 7.8 11.8#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 1.946 ug/l

RT: 7.67 min Scan# 1069

Delta R.T. -0.09 min

Lab File: VX011454.D

Acq: 12 Aug 2019 01:11

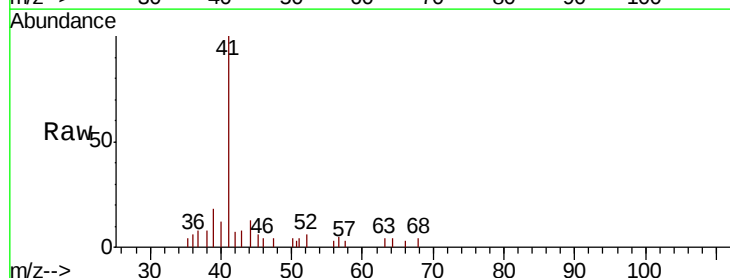
Tgt Ion: 41 Resp: 3900

Ion Ratio Lower Upper

41 100

69 0.6 74.5 111.7#

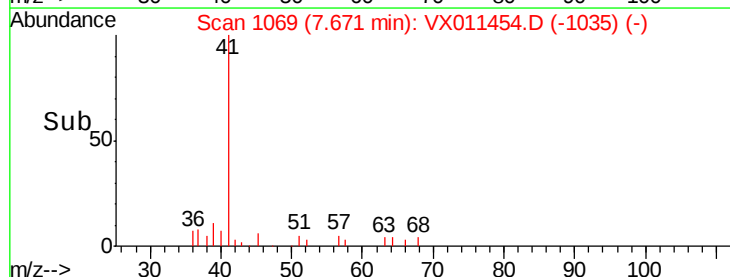
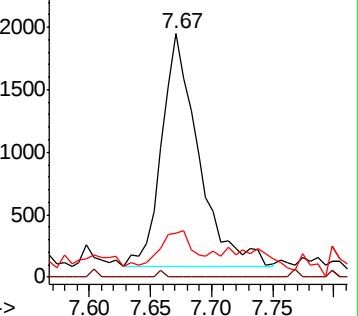
39 0.0 48.6 72.8#

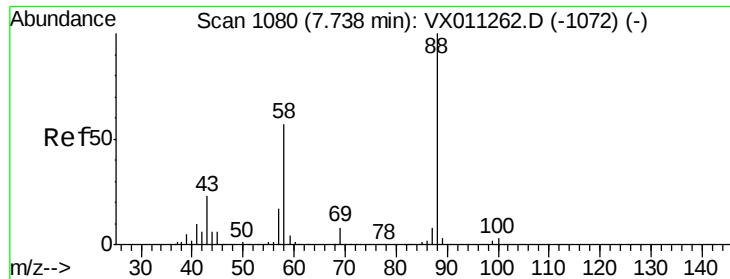


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

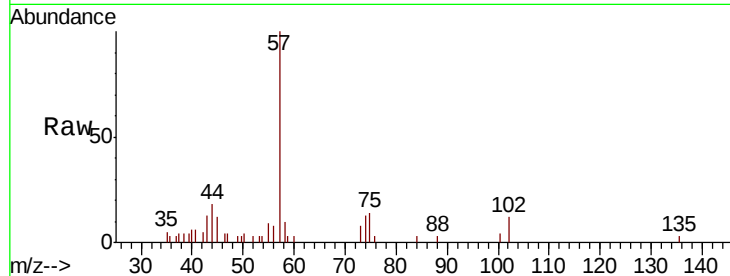




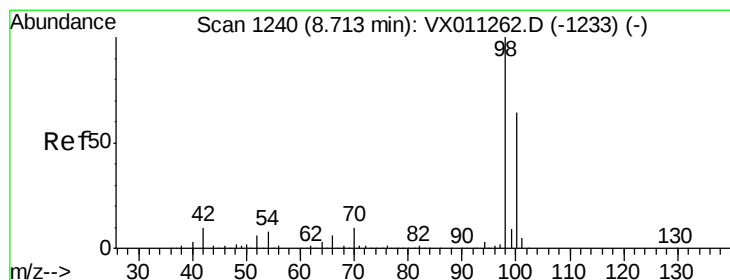
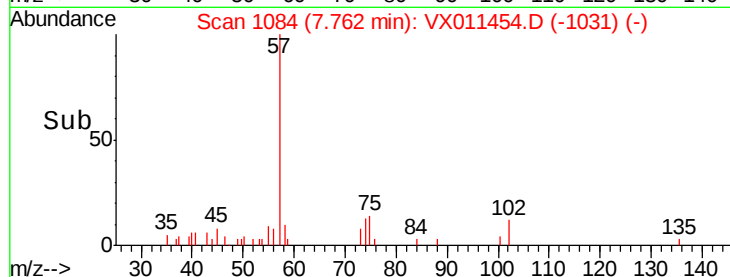
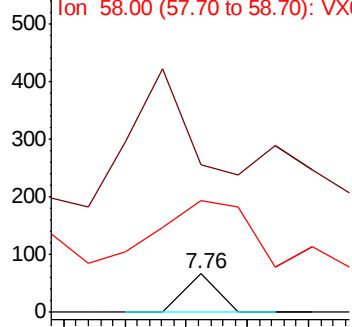
#49
 1,4-Dioxane
 Concen: 0.413 ug/l
 RT: 7.76 min Scan# 1084
 Delta R.T. 0.02 min
 Lab File: VX011454.D
 Acq: 12 Aug 2019 01:11

Instrument :
 MSVOA_X
 ClientSampleId :
 R1-R2(A1-A4)-(4.3)

Tgt Ion: 88 Resp: 24
 Ion Ratio Lower Upper
 88 100
 43 0.0 22.2 33.2#
 58 1637.5 47.8 71.8#

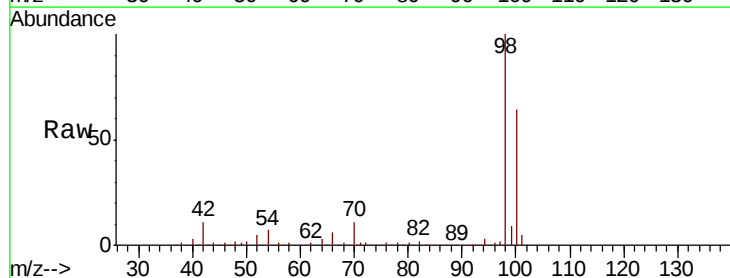


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

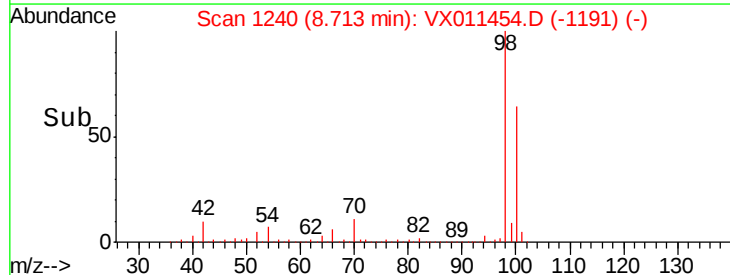
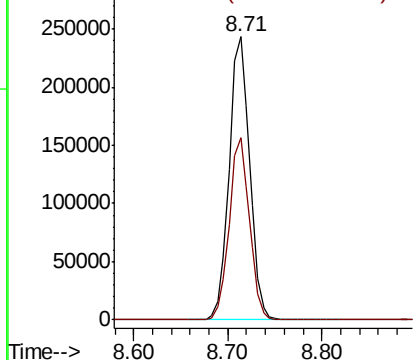


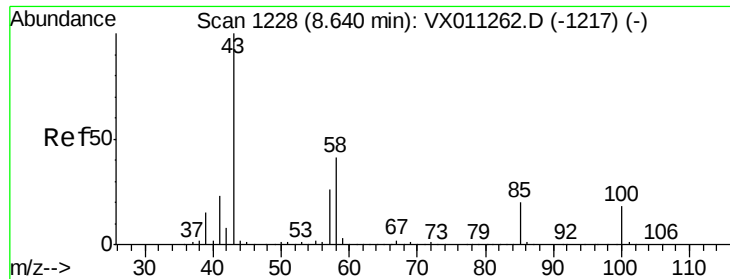
#50
 Toluene-d8
 Concen: 49.009 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX011454.D
 Acq: 12 Aug 2019 01:11

Tgt Ion: 98 Resp: 367287
 Ion Ratio Lower Upper
 98 100
 100 63.4 51.7 77.5



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





#51

4-Methyl-2-Pentanone

Concen: 15.477 ug/l

RT: 8.61 min Scan# 1223

Delta R.T. -0.03 min

Lab File: VX011454.D

Acq: 12 Aug 2019 01:11

Instrument :

MSVOA_X

ClientSampleId :

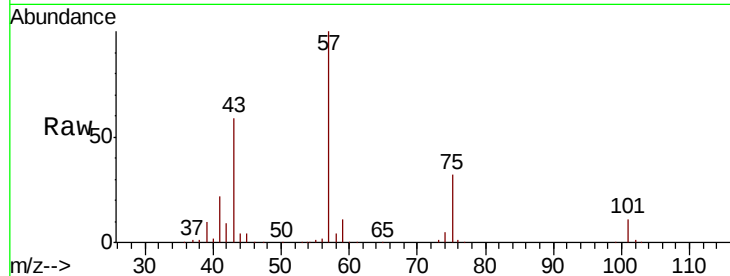
R1-R2(A1-A4)-(4.3)

Tgt Ion: 43 Resp: 42530

Ion Ratio Lower Upper

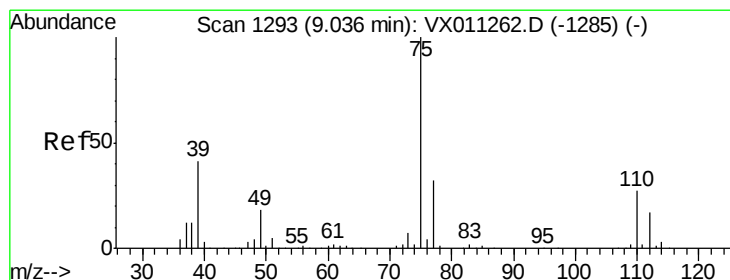
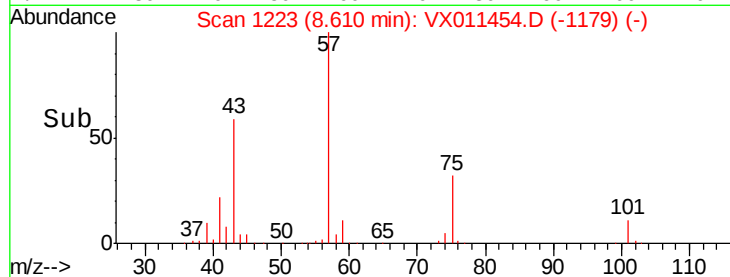
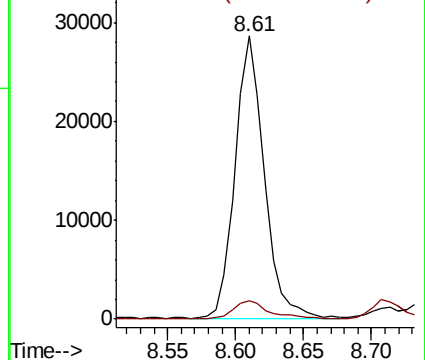
43 100

58 8.4 32.3 48.5#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#53

t-1,3-Dichloropropene

Concen: 2.847 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX011454.D

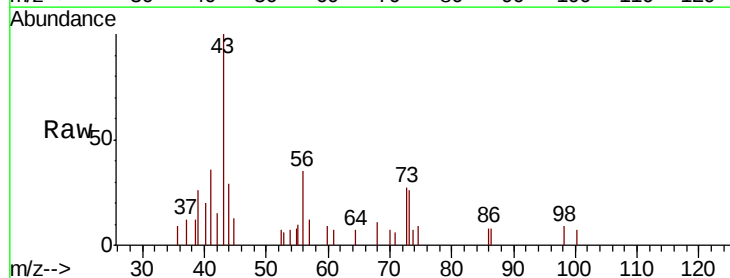
Acq: 12 Aug 2019 01:11

Tgt Ion: 75 Resp: 27

Ion Ratio Lower Upper

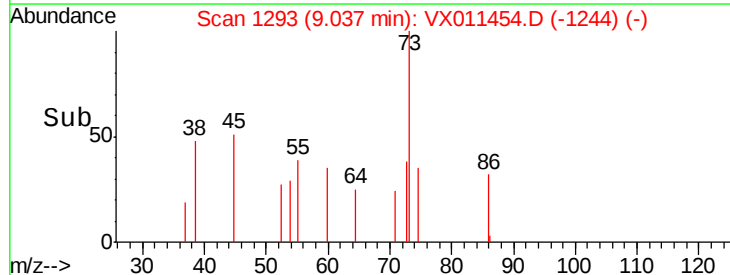
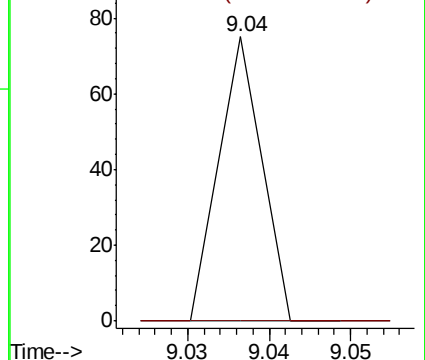
75 100

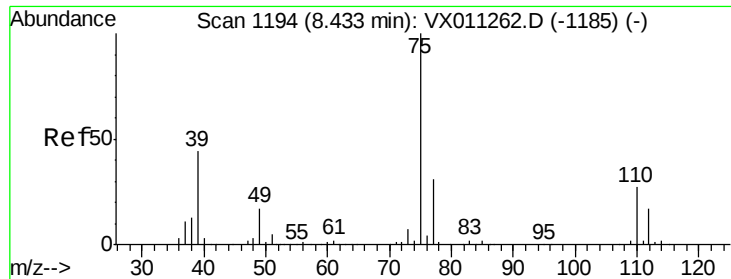
77 0.0 25.4 38.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0





#54

cis-1,3-Dichloropropene

Concen: 7.195 ug/l

RT: 8.61 min Scan# 1223

Delta R.T. 0.18 min

Lab File: VX011454.D

Acq: 12 Aug 2019 01:11

Instrument :

MSVOA_X

ClientSampleId :

R1-R2(A1-A4)-(4.3)

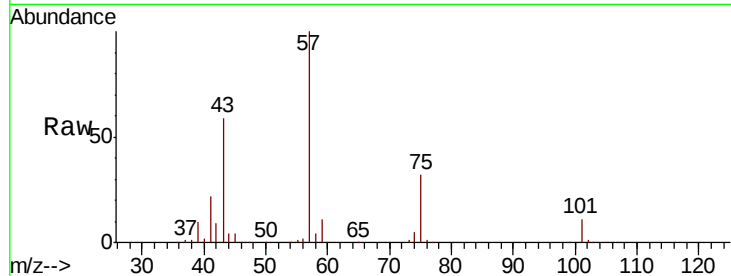
Tgt Ion: 75 Resp: 21314

Ion Ratio Lower Upper

75 100

77 0.9 25.0 37.6#

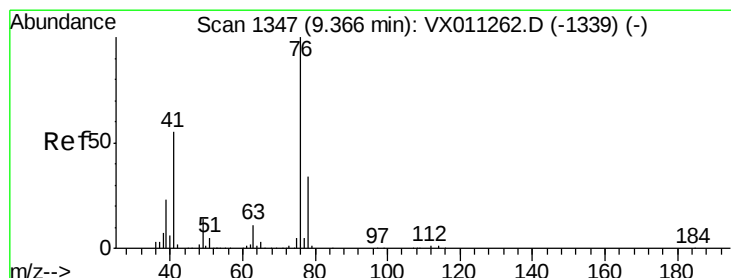
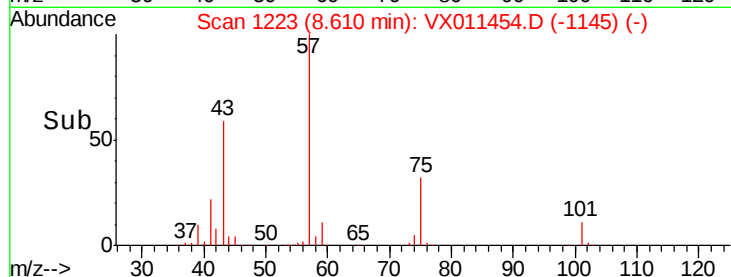
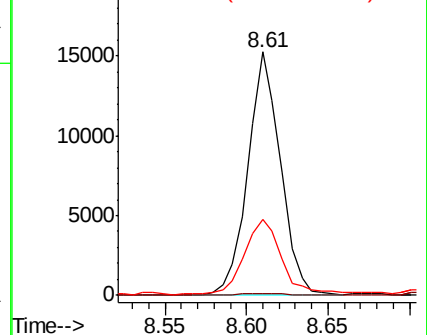
39 30.4 35.3 52.9#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0



#57

1,3-Dichloropropane

Concen: 1.763 ug/l

RT: 9.54 min Scan# 1375

Delta R.T. 0.17 min

Lab File: VX011454.D

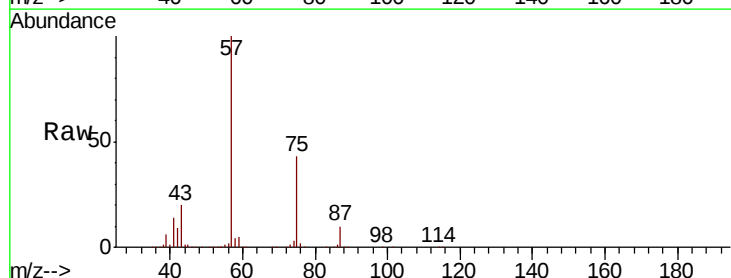
Acq: 12 Aug 2019 01:11

Tgt Ion: 76 Resp: 6006

Ion Ratio Lower Upper

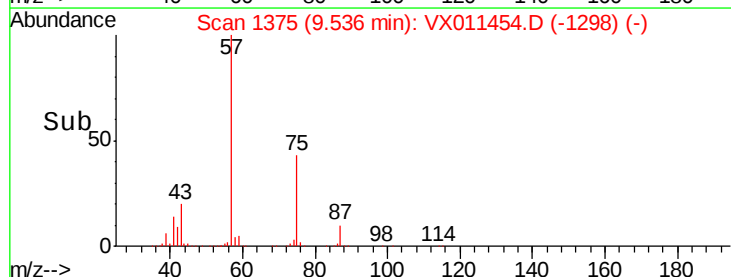
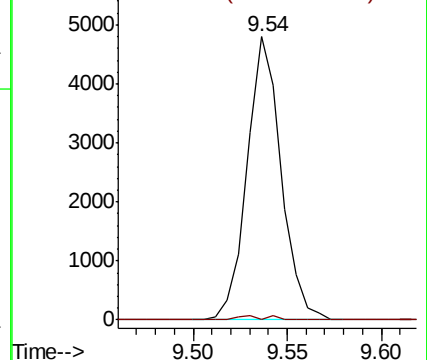
76 100

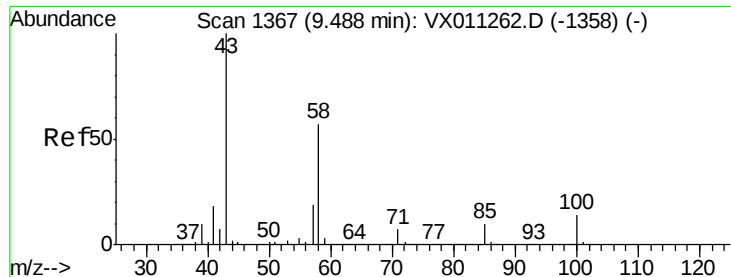
78 0.8 26.6 40.0#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

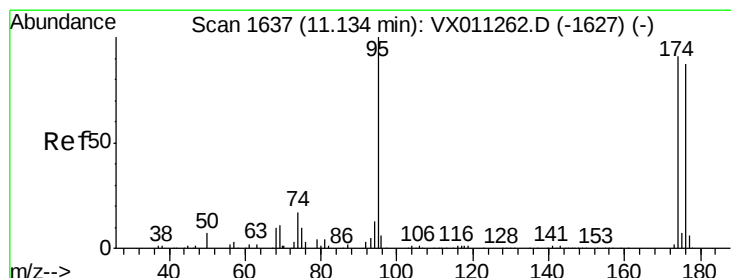
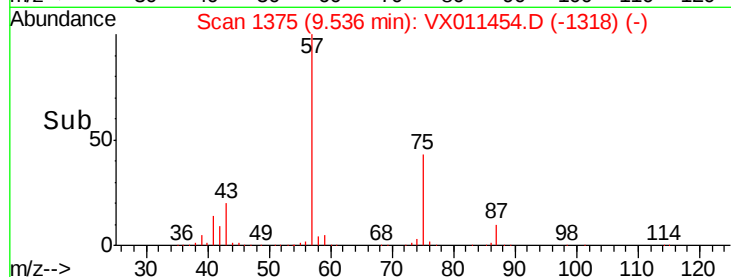
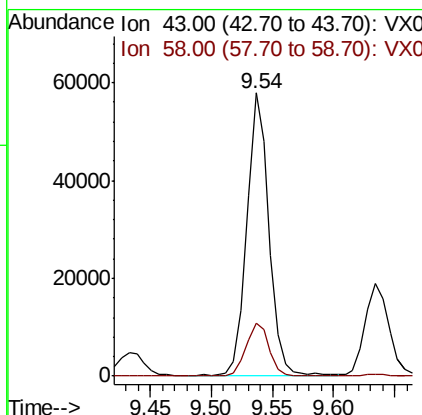
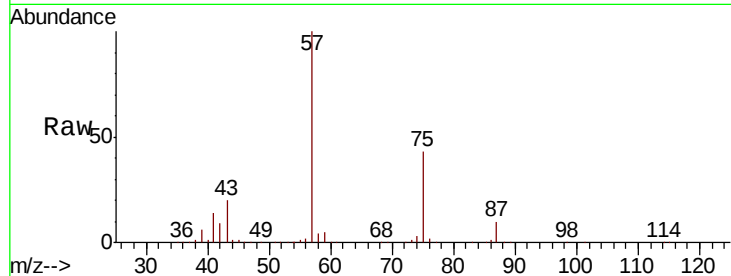




#59
2-Hexanone
Concen: 33.984 ug/l
RT: 9.54 min Scan# 1375
Delta R.T. 0.05 min
Lab File: VX011454.D
Acq: 12 Aug 2019 01:11

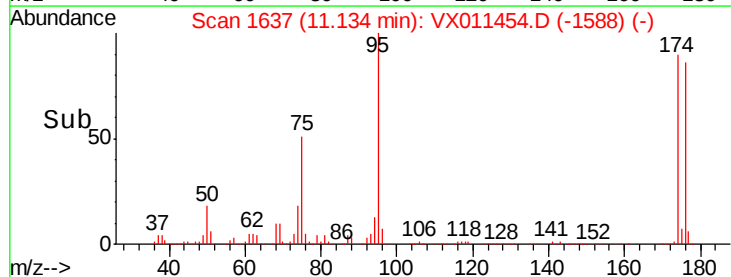
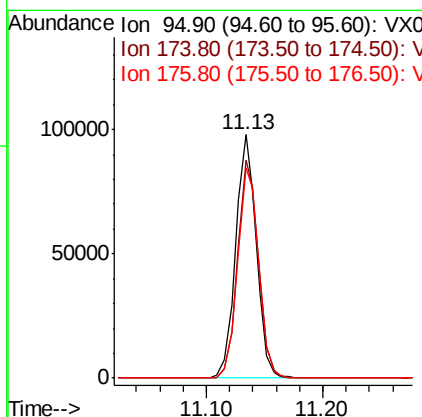
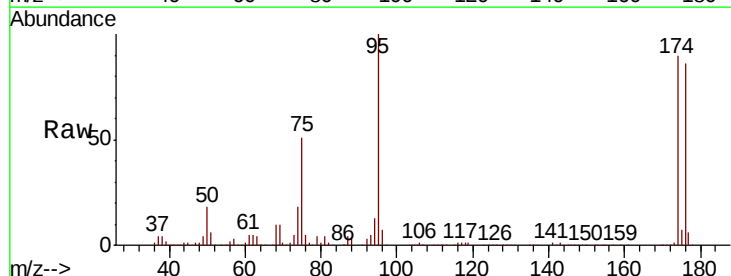
Instrument :
MSVOA_X
ClientSampleId :
R1-R2(A1-A4)-(4.3)

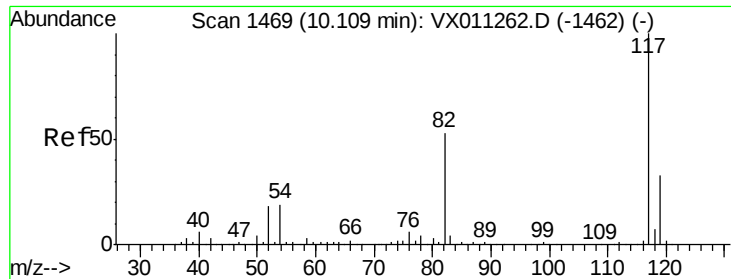
Tgt Ion: 43 Resp: 72332
Ion Ratio Lower Upper
43 100
58 20.1 28.2 84.6#



#62
4-Bromofluorobenzene
Concen: 45.070 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011454.D
Acq: 12 Aug 2019 01:11

Tgt Ion: 95 Resp: 120593
Ion Ratio Lower Upper
95 100
174 90.7 0.0 191.2
176 88.4 0.0 184.8

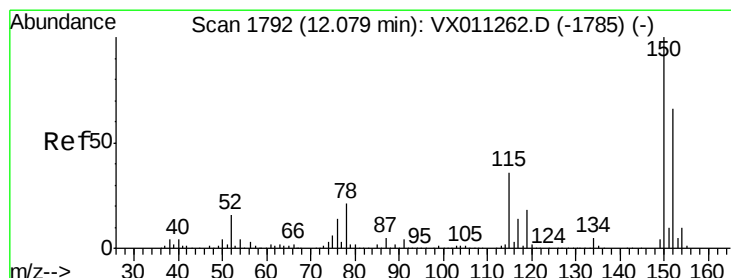
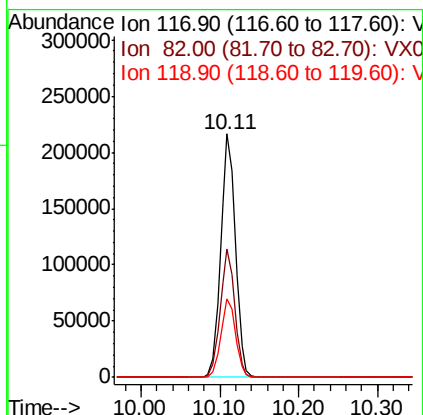
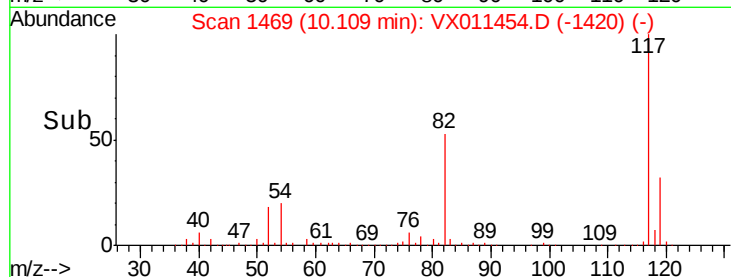
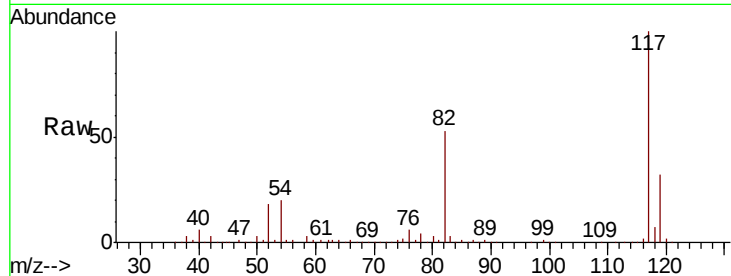




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011454.D
Acq: 12 Aug 2019 01:11

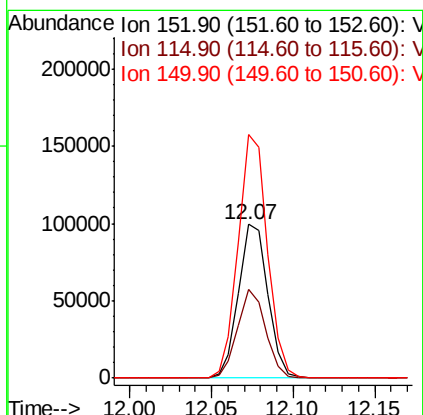
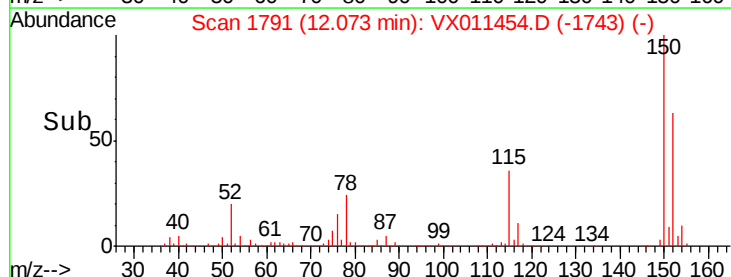
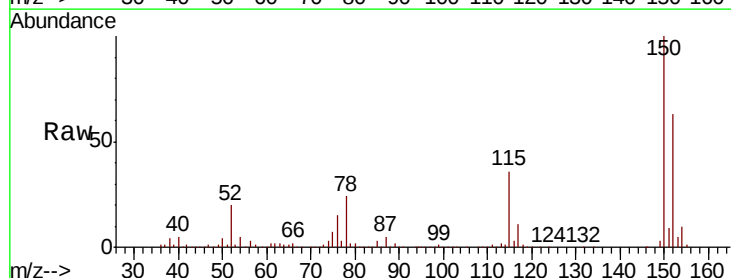
Instrument :
MSVOA_X
ClientSampleId :
R1-R2(A1-A4)-(4.3)

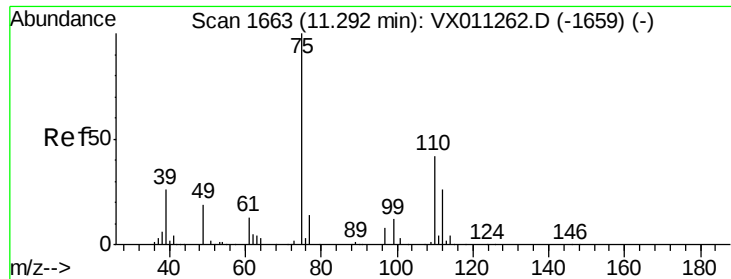
Tgt Ion:117 Resp: 281604
Ion Ratio Lower Upper
117 100
82 52.6 42.2 63.2
119 32.4 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.01 min
Lab File: VX011454.D
Acq: 12 Aug 2019 01:11

Tgt Ion:152 Resp: 125851
Ion Ratio Lower Upper
152 100
115 55.1 40.0 119.9
150 157.1 0.0 350.4

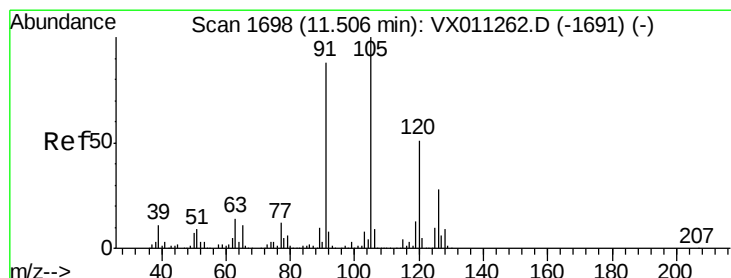
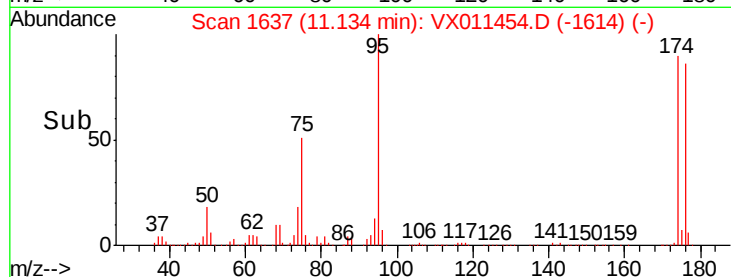
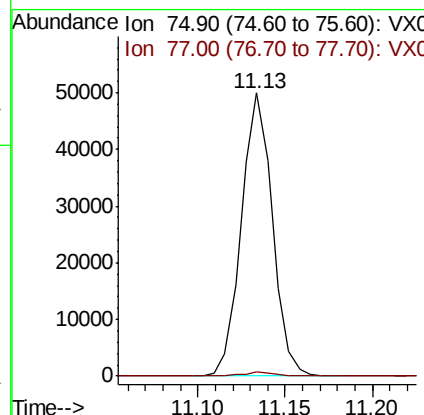
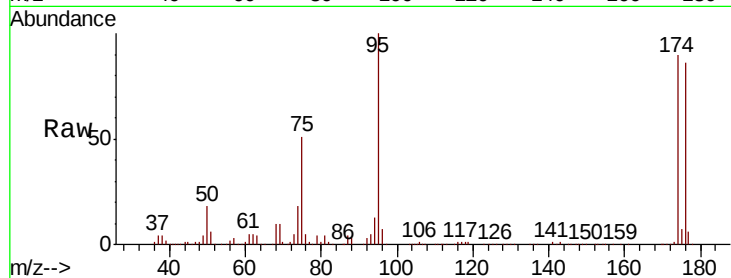




#76
 1,2,3-Trichloropropane
 Concen: 26.865 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX011454.D
 Acq: 12 Aug 2019 01:11

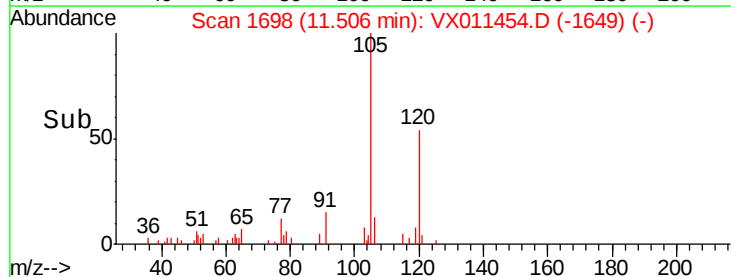
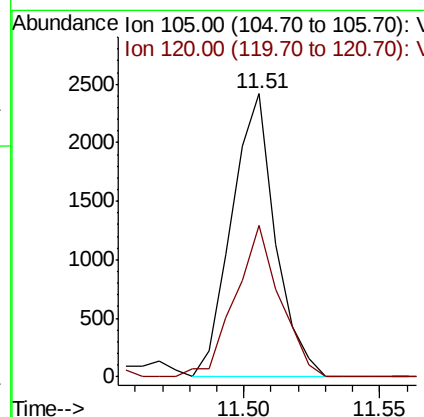
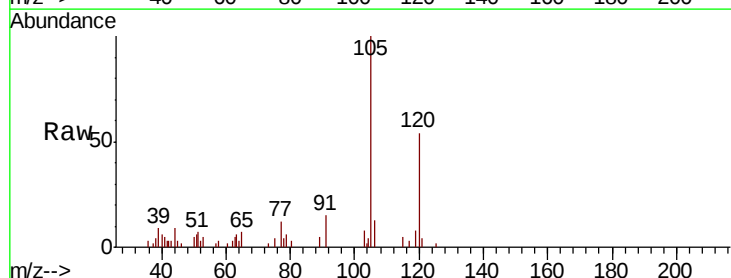
Instrument :
 MSVOA_X
 ClientSampleId :
 R1-R2(A1-A4)-(4.3)

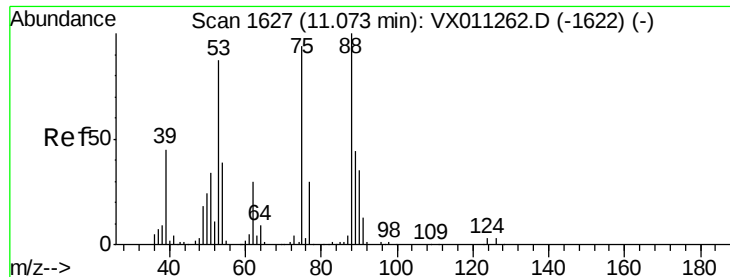
Tgt Ion: 75 Resp: 61571
 Ion Ratio Lower Upper
 75 100
 77 1.4 21.1 63.4#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.375 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX011454.D
 Acq: 12 Aug 2019 01:11

Tgt Ion: 105 Resp: 2700
 Ion Ratio Lower Upper
 105 100
 120 54.8 25.1 75.2





#81

trans-1,4-Dichloro-2-butene

Concen: 69.768 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX011454.D

Acq: 12 Aug 2019 01:11

Instrument :

MSVOA_X

ClientSampleId :

R1-R2(A1-A4)-(4.3)

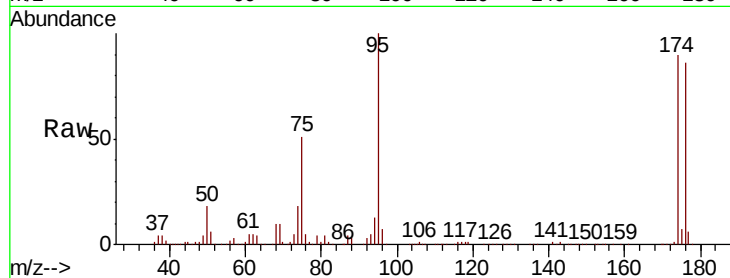
Tgt Ion: 75 Resp: 61571

Ion Ratio Lower Upper

75 100

53 0.1 78.2 117.4#

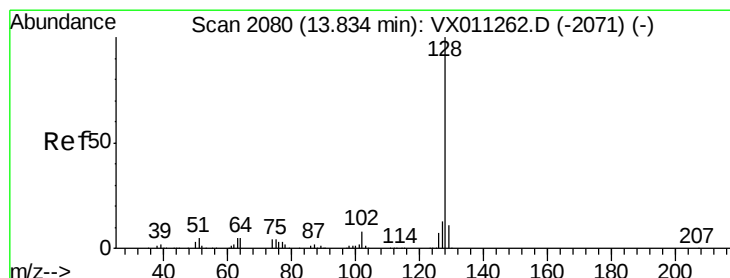
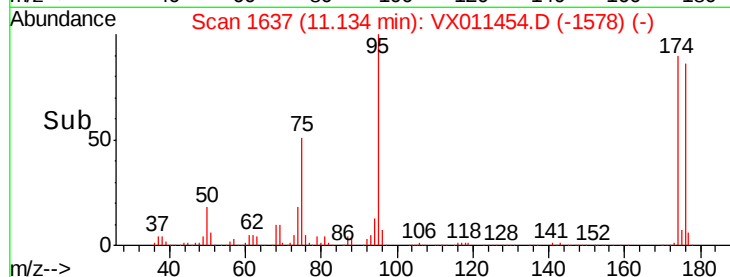
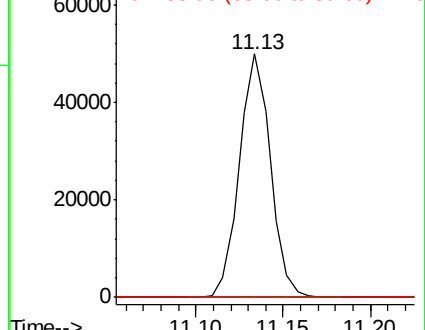
89 0.0 37.9 56.9#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#95

Naphthalene

Concen: 0.556 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX011454.D

Acq: 12 Aug 2019 01:11

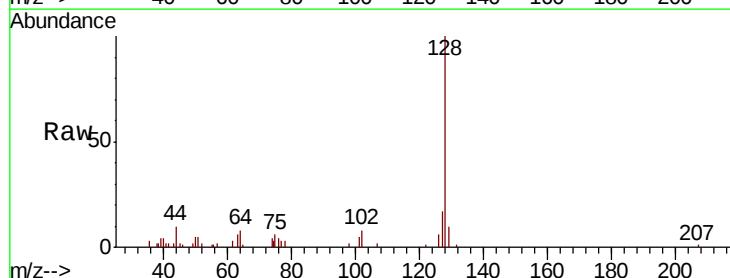
Tgt Ion: 128 Resp: 4572

Ion Ratio Lower Upper

128 100

127 17.2 10.4 15.6#

129 10.9 8.9 13.3



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

