

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042320\
 Data File : VX015897.D
 Acq On : 23 Apr 2020 17:47
 Operator : JC/SP
 Sample : L2403-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0240

Quant Time: Apr 24 03:33:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 04:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	861815	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1304863	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1306000	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	716717	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	479642	48.93	ug/l	0.00
Spiked Amount			Recovery	=	97.86%	
35) Dibromofluoromethane	5.47	113	389194	51.67	ug/l	0.00
Spiked Amount			Recovery	=	103.34%	
50) Toluene-d8	8.70	98	1593055	52.54	ug/l	0.00
Spiked Amount			Recovery	=	105.08%	
62) 4-Bromofluorobenzene	11.12	95	679164	54.60	ug/l	0.00
Spiked Amount			Recovery	=	109.20%	

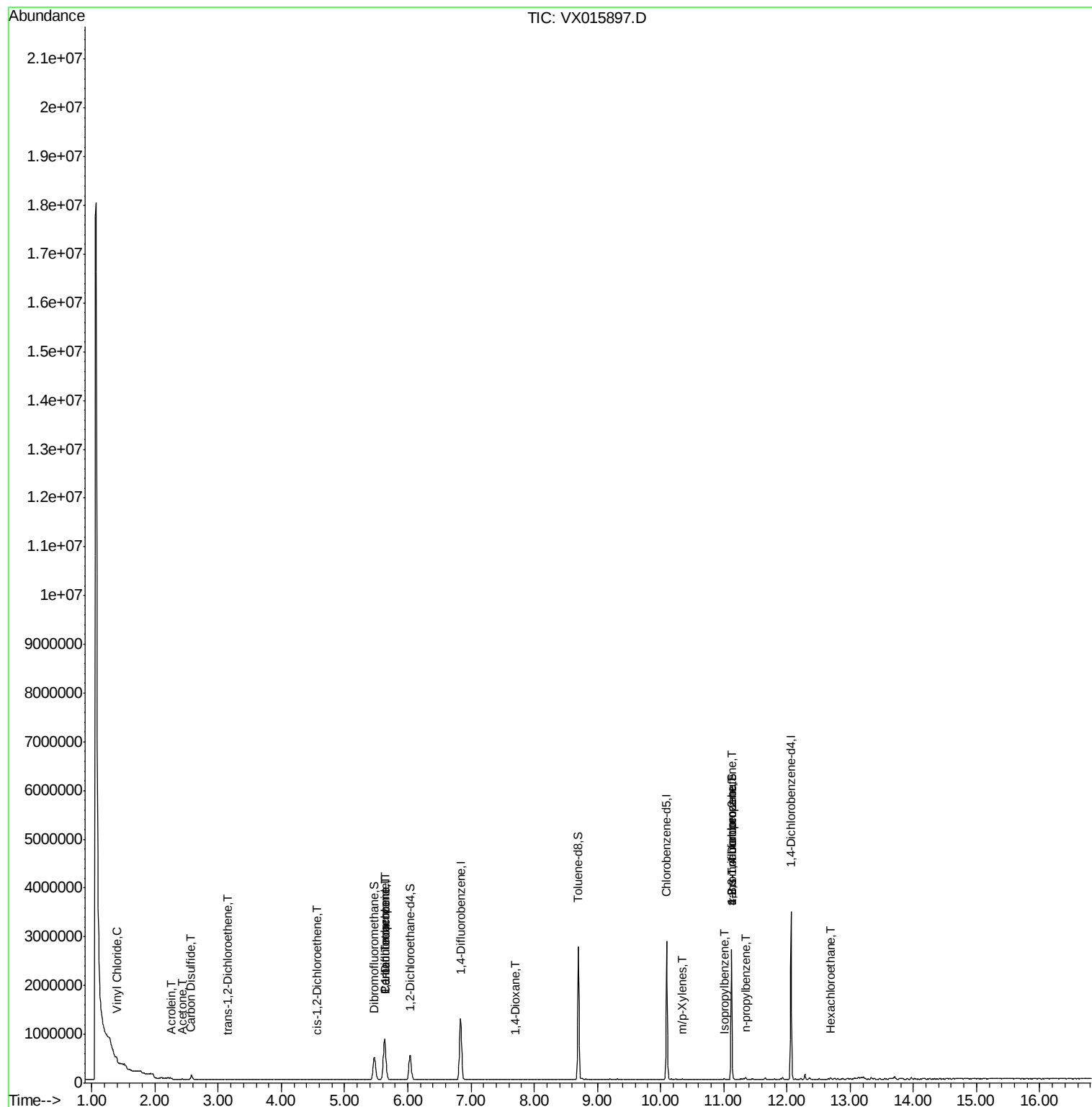
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.39	62	27274	3.119	ug/l	99
13) Acrolein	2.27	56	487	0.411	ug/l #	15
16) Acetone	2.42	43	9757	2.286	ug/l	89
17) Carbon Disulfide	2.56	76	13526	0.493	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	2238	0.267	ug/l #	60
27) cis-1,2-Dichloroethene	4.56	96	3596	0.378	ug/l	81
36) 1,1-Dichloropropene	5.64	75	59173	5.115	ug/l #	54
38) Carbon Tetrachloride	5.63	117	76014	6.671	ug/l #	16
49) 1,4-Dioxane	7.70	88	384	1.779	ug/l #	1
68) m/p-Xylenes	10.35	106	3606	0.209	ug/l #	61
73) Isopropylbenzene	11.00	105	10607	0.233	ug/l	97
76) 1,2,3-Trichloropropane	11.12	75	328400	24.096	ug/l #	35
78) n-propylbenzene	11.34	91	15903	0.305	ug/l	93
81) trans-1,4-Dichloro-2-buten	11.12	75	328400	57.963	ug/l #	12
90) Hexachloroethane	12.68	117	9680	2.159	ug/l #	5

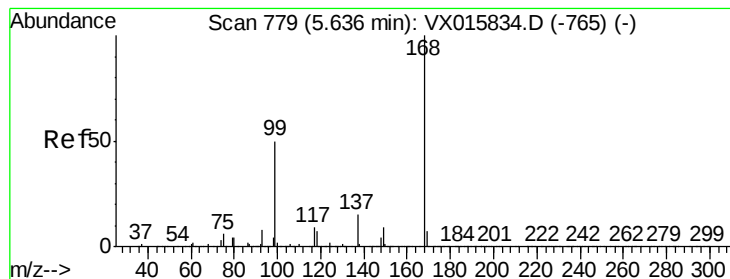
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 24 03:33:35 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 23 04:36:12 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.00 min

Lab File: VX015897.D

Acq: 23 Apr 2020 17:47

Instrument :

MSVOA_X

ClientSampleId :

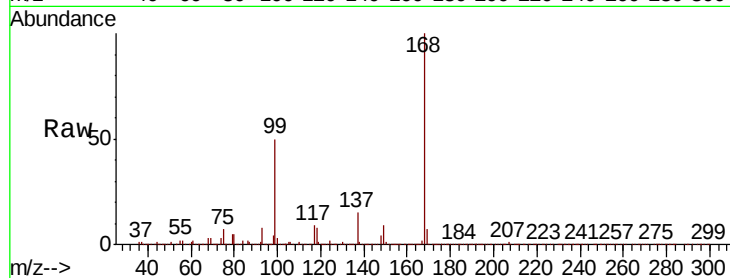
S73-0240

Tot Ion:168 Resp: 861815

Ion Ratio Lower Upper

168 100

99 49.7 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

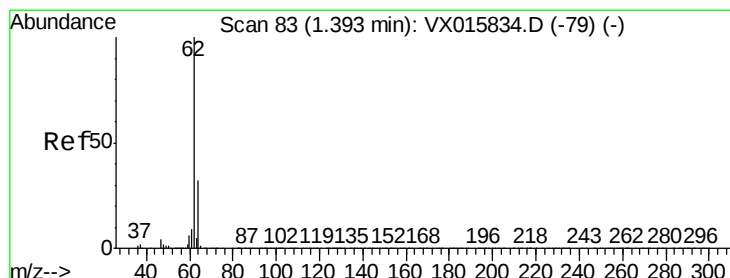
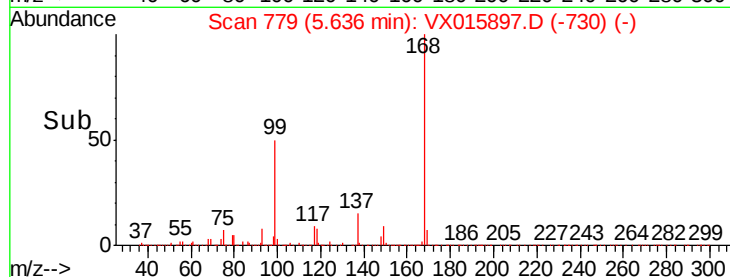
300000

200000

100000

0

Time-->



#4

Vinyl Chloride

Concen: 3.119 ug/l

RT: 1.39 min Scan# 83

Delta R.T. 0.00 min

Lab File: VX015897.D

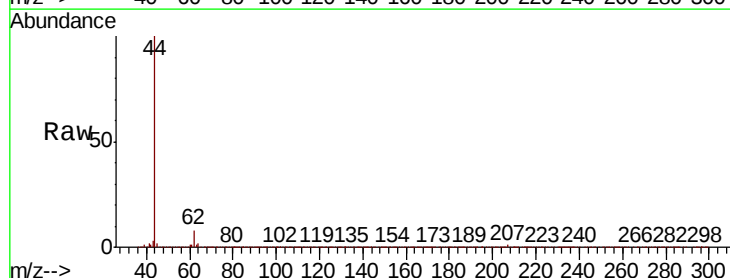
Acq: 23 Apr 2020 17:47

Tgt Ion: 62 Resp: 27274

Ion Ratio Lower Upper

62 100

64 31.3 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

30000

25000

20000

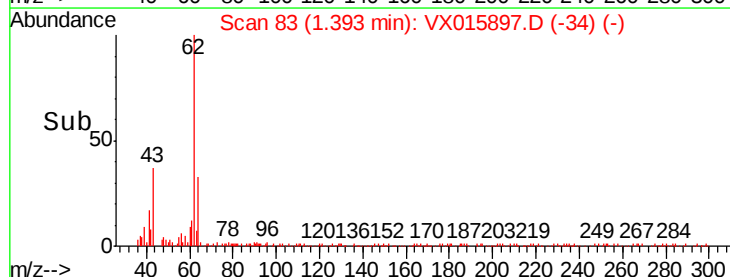
15000

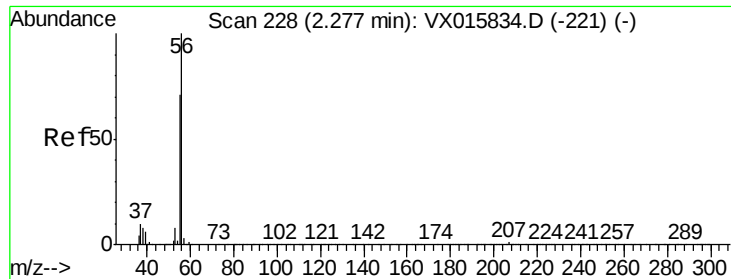
10000

5000

0

Time-->

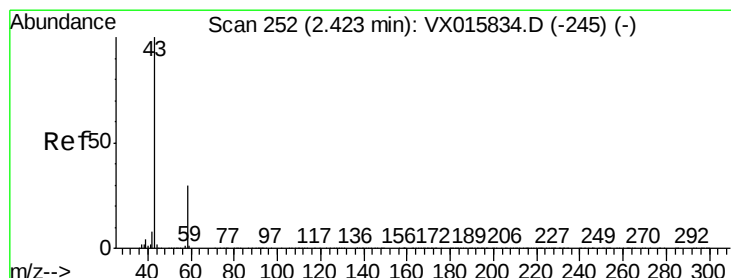
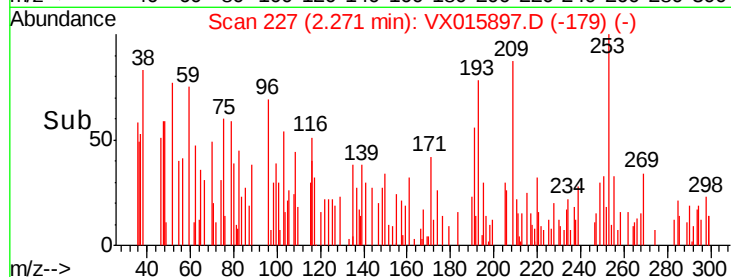
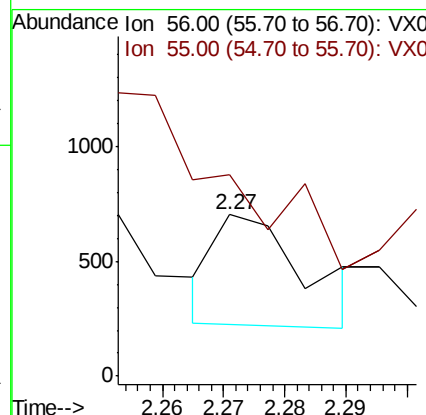
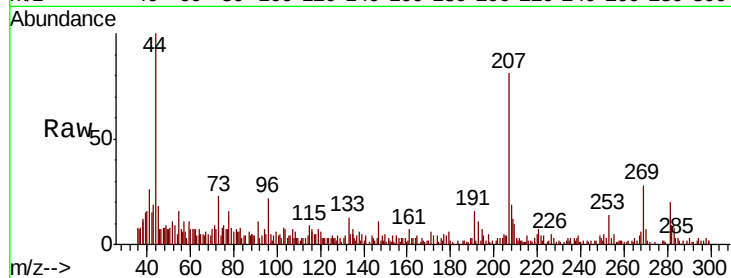




#13
Acrolein
Concen: 0.411 ug/l
RT: 2.27 min Scan# 227
Delta R.T. -0.01 min
Lab File: VX015897.D
Acq: 23 Apr 2020 17:47

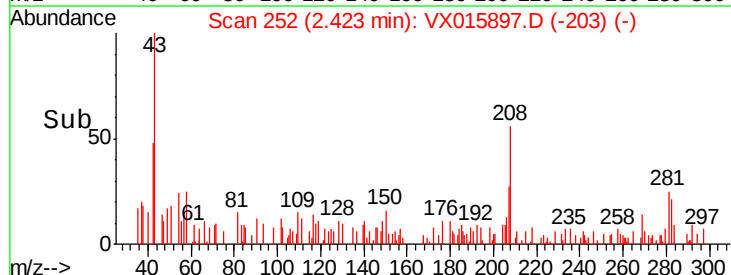
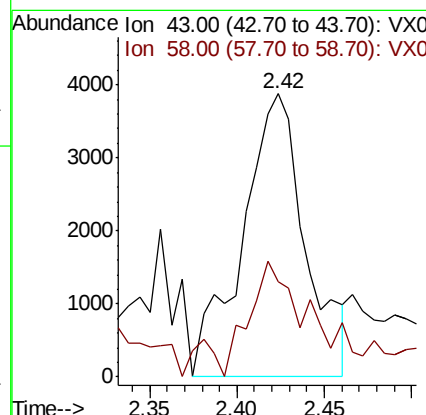
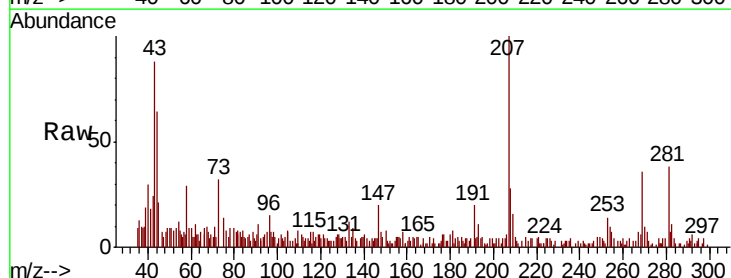
Instrument :
MSVOA_X
ClientSampled :
S73-0240

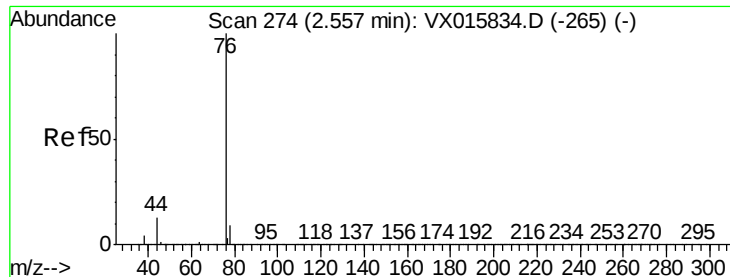
Tot Ion: 56 Resp: 487
Ion Ratio Lower Upper
56 100
55 0.0 56.1 84.1#



#16
Acetone
Concen: 2.286 ug/l
RT: 2.42 min Scan# 252
Delta R.T. 0.00 min
Lab File: VX015897.D
Acq: 23 Apr 2020 17:47

Tgt Ion: 43 Resp: 9757
Ion Ratio Lower Upper
43 100
58 24.3 24.0 36.0





#17

Carbon Disulfide

Concen: 0.493 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX015897.D

Acq: 23 Apr 2020 17:47

Instrument :

MSVOA_X

ClientSampleId :

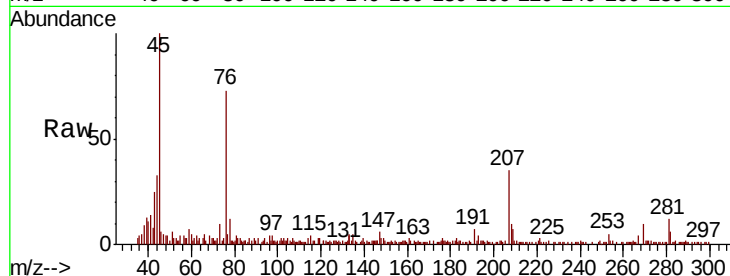
S73-0240

Tot Ion: 76 Resp: 13526

Ion Ratio Lower Upper

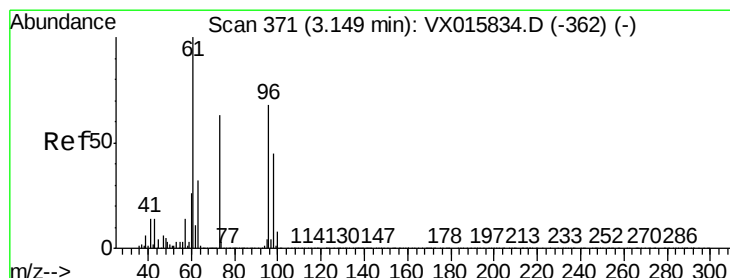
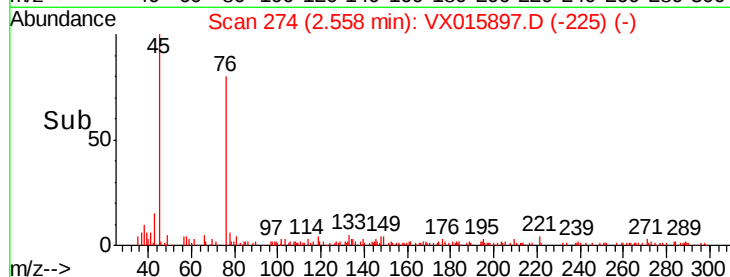
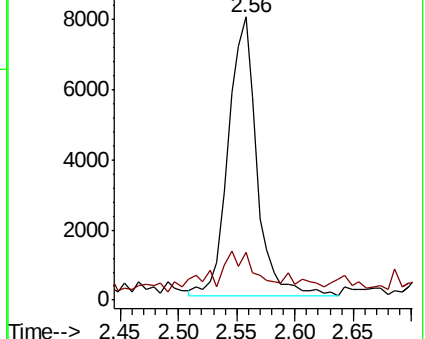
76 100

78 9.6 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#21

trans-1,2-Dichloroethene

Concen: 0.267 ug/l

RT: 3.15 min Scan# 371

Delta R.T. 0.00 min

Lab File: VX015897.D

Acq: 23 Apr 2020 17:47

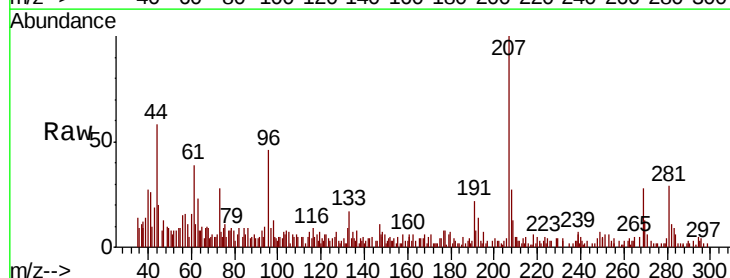
Tgt Ion: 96 Resp: 2238

Ion Ratio Lower Upper

96 100

61 106.1 117.5 176.3#

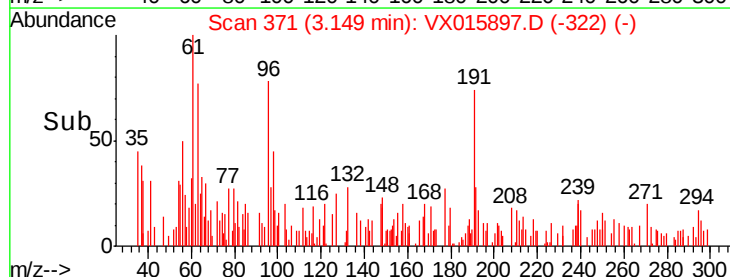
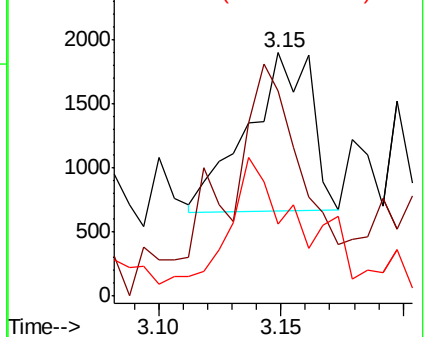
98 21.0 52.7 79.1#

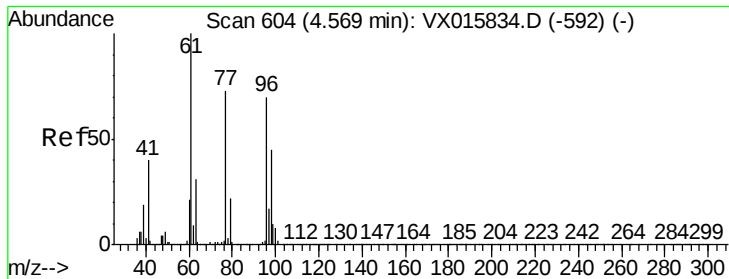


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



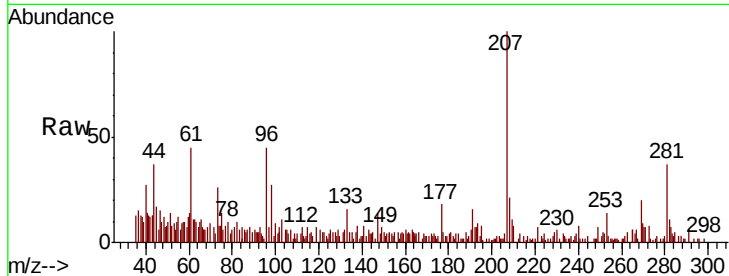


#27

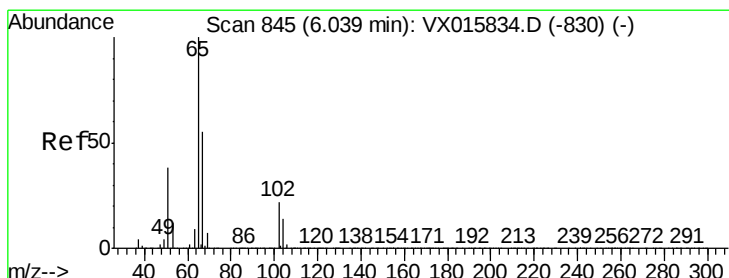
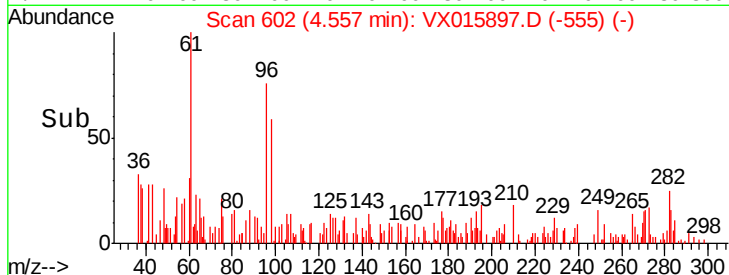
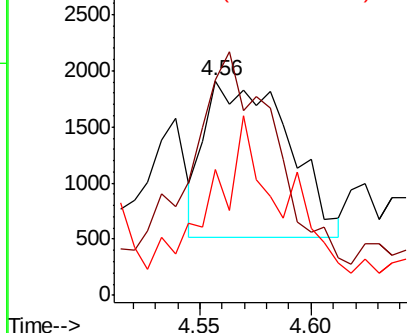
cis-1,2-Dichloroethene
Concen: 0.378 ug/l
RT: 4.56 min Scan# 602
Delta R.T. -0.01 min
Lab File: VX015897.D
Acq: 23 Apr 2020 17:47

Instrument :
MSVOA_X
ClientSampled :
S73-0240

Tot Ion	96	Resp:	3596
Ion	Ratio	Lower	Upper
96	100		
61	156.6	0.0	299.4
98	103.8	0.0	129.6



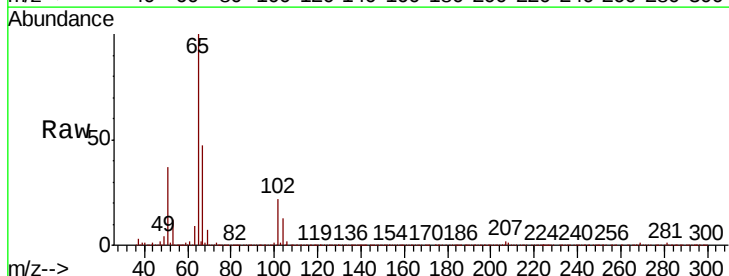
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



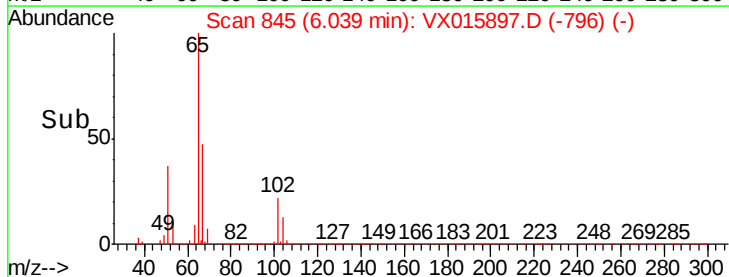
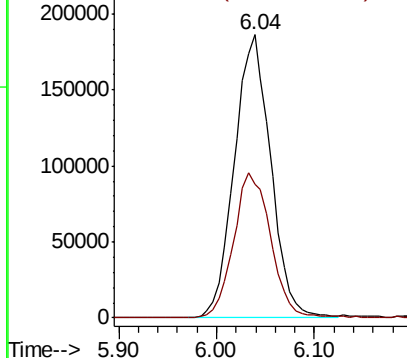
#33

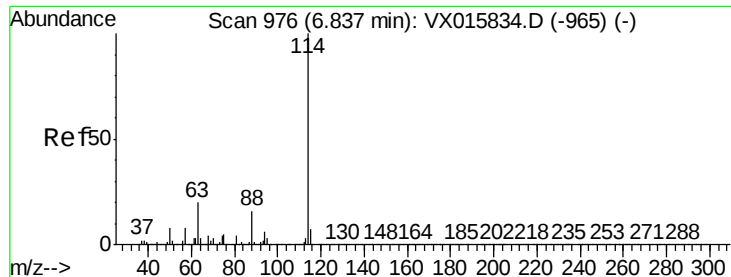
1,2-Dichloroethane-d4
Concen: 48.934 ug/l
RT: 6.04 min Scan# 845
Delta R.T. 0.00 min
Lab File: VX015897.D
Acq: 23 Apr 2020 17:47

Tgt Ion	65	Resp:	479642
Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	104.2



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: 6.84 min Scan# 976

Delta R.T. 0.00 min

Lab File: VX015897.D

Acq: 23 Apr 2020 17:47

Instrument :

MSVOA_X

ClientSampleId :

S73-0240

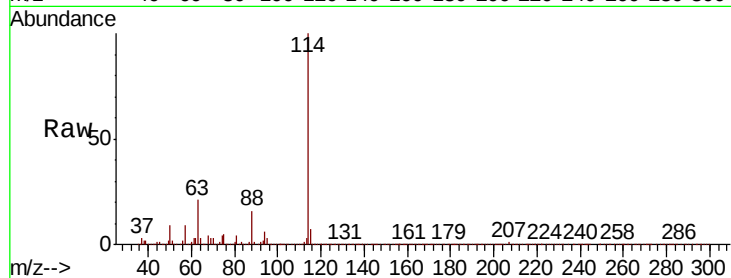
Tot Ion:114 Resp: 1304863

Ion Ratio Lower Upper

114 100

63 21.4 0.0 40.6

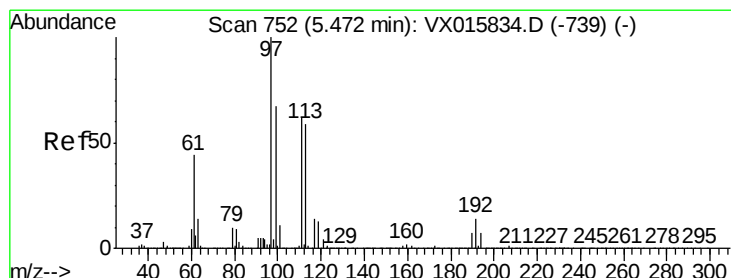
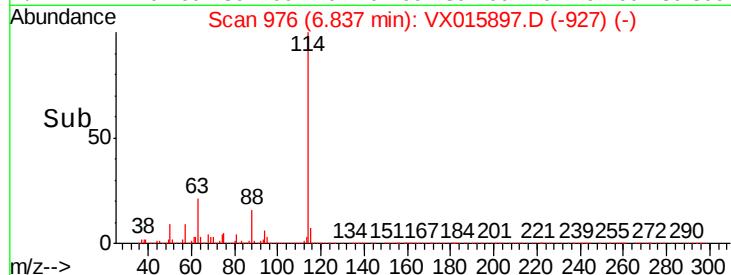
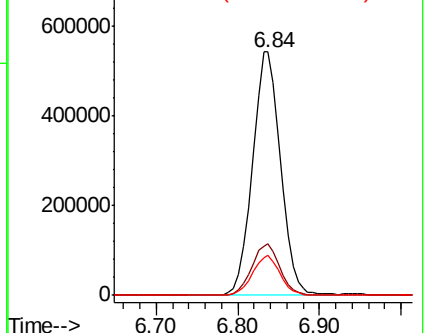
88 16.3 0.0 32.8



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: 51.672 ug/l

RT: 5.47 min Scan# 752

Delta R.T. 0.00 min

Lab File: VX015897.D

Acq: 23 Apr 2020 17:47

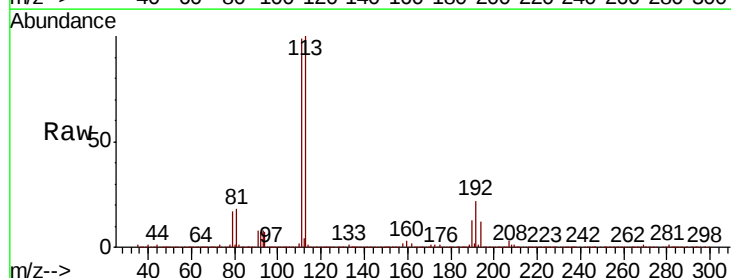
Tgt Ion:113 Resp: 389194

Ion Ratio Lower Upper

113 100

111 100.9 82.7 124.1

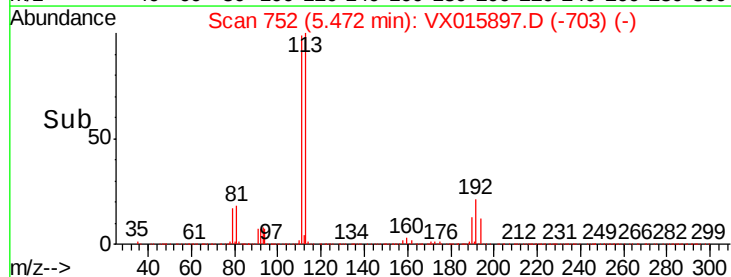
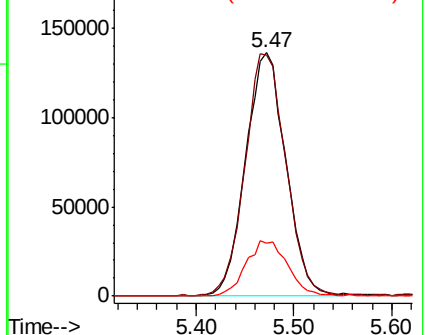
192 23.8 19.3 28.9

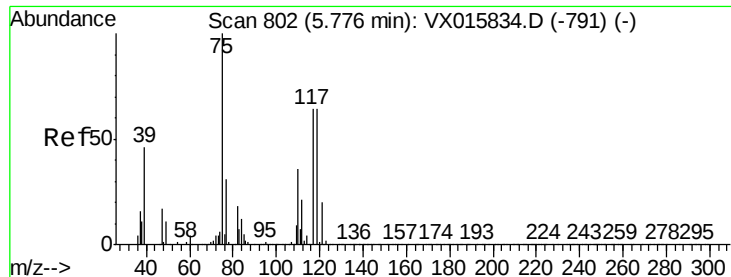


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

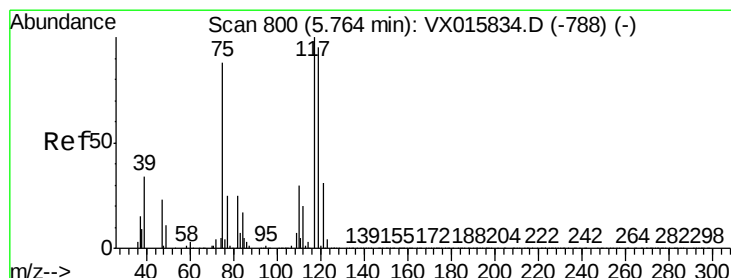
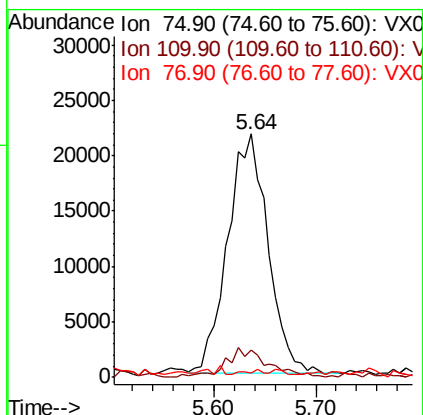
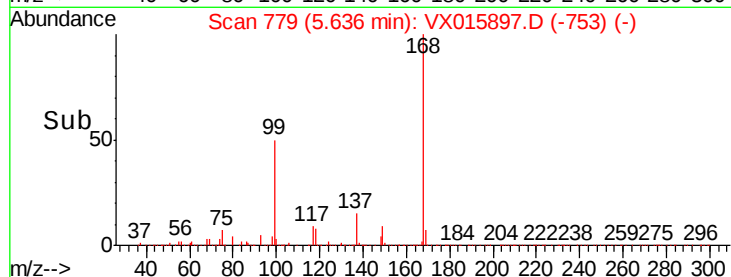
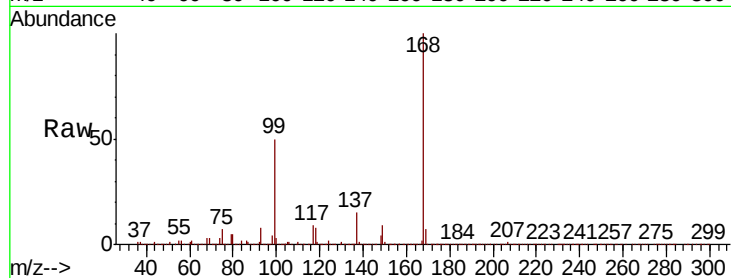




#36
 1,1-Dichloropropene
 Concen: 5.115 ug/l
 RT: 5.64 min Scan# 779
 Delta R.T. -0.14 min
 Lab File: VX015897.D
 Acq: 23 Apr 2020 17:47

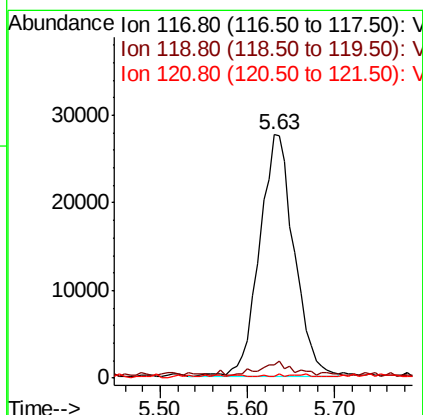
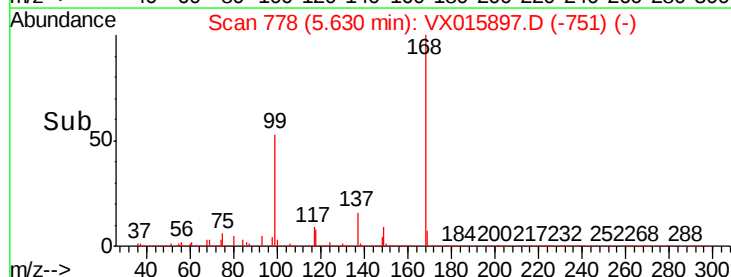
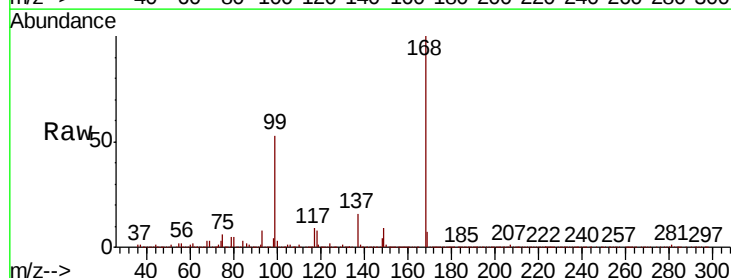
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 S73-0240

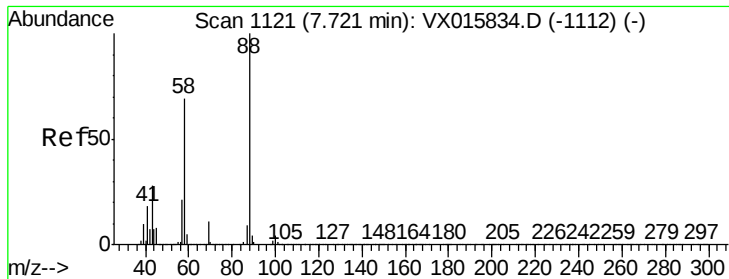
Tot Ion	Ratio	Lower	Upper
75	100		
110	12.9	17.9	53.8#
77	1.0	24.5	36.7#



#38
 Carbon Tetrachloride
 Concen: 6.671 ug/l
 RT: 5.63 min Scan# 778
 Delta R.T. -0.13 min
 Lab File: VX015897.D
 Acq: 23 Apr 2020 17:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	3.9	75.7	113.5#
121	0.0	25.0	37.6#





#49

1,4-Dioxane

Concen: 1.779 ug/l

RT: 7.70 min Scan# 1118

Delta R.T. -0.02 min

Lab File: VX015897.D

Acq: 23 Apr 2020 17:47

Instrument :

MSVOA_X

ClientSampleId :

S73-0240

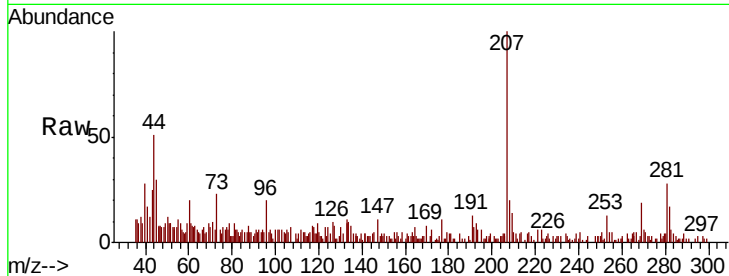
Tot Ion: 88 Resp: 384

Ion Ratio Lower Upper

88 100

43 0.0 28.2 42.4#

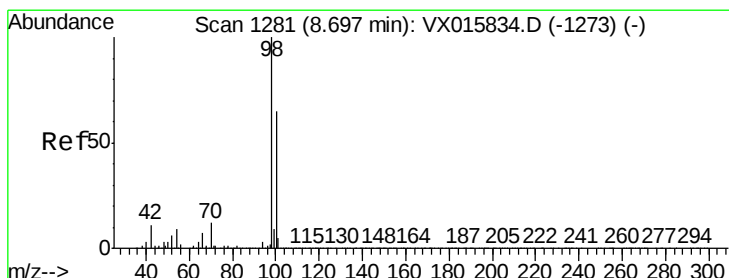
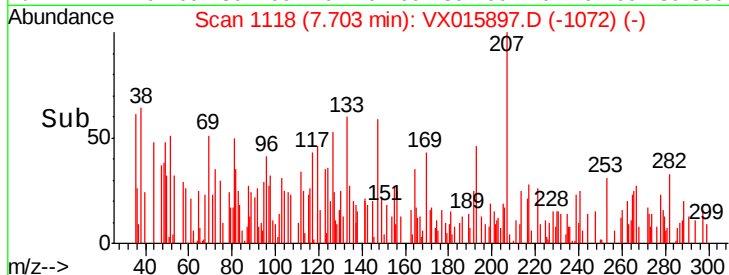
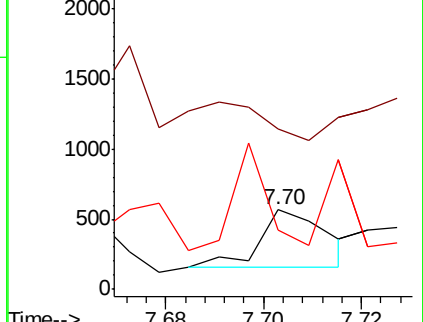
58 187.5 58.9 88.3#



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: 52.540 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015897.D

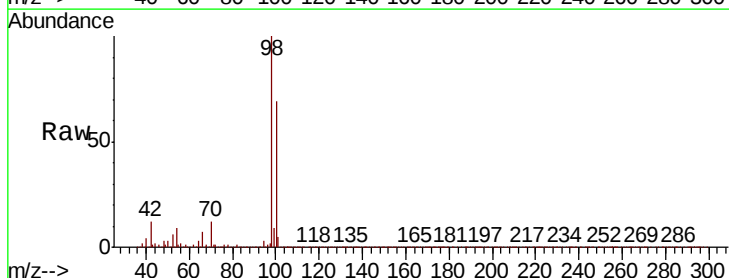
Acq: 23 Apr 2020 17:47

Tgt Ion: 98 Resp: 1593055

Ion Ratio Lower Upper

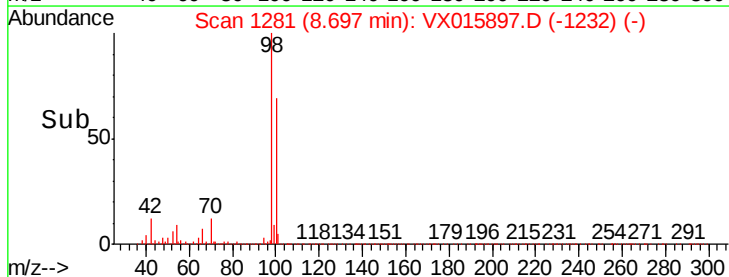
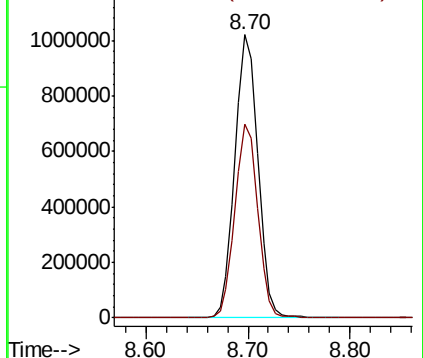
98 100

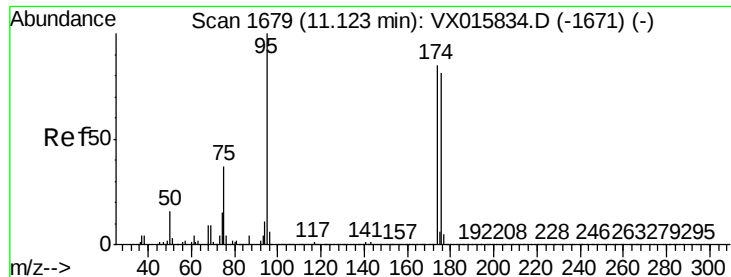
100 68.2 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

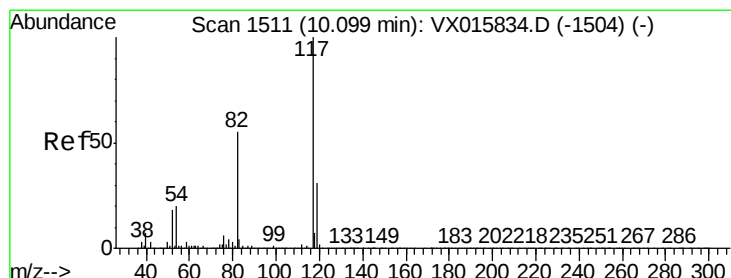
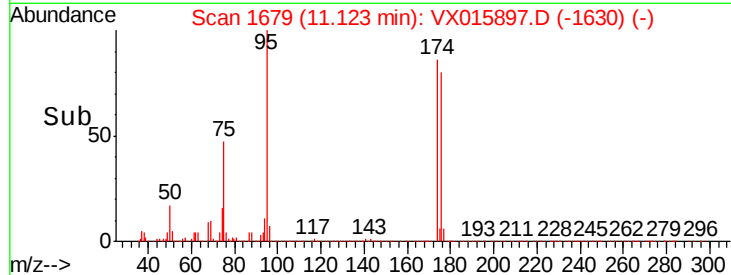
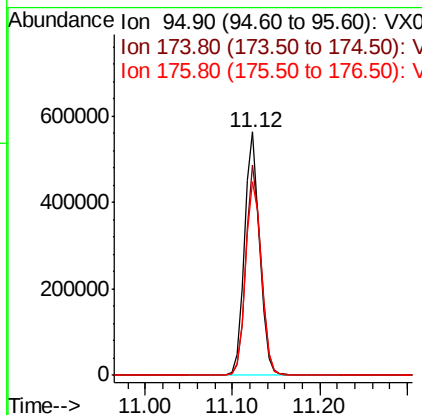
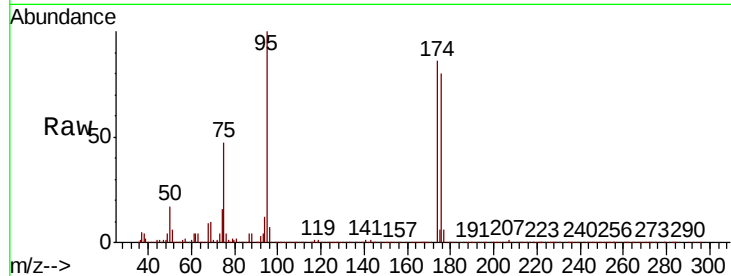




#62
4-Bromofluorobenzene
Concen: 54.602 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VX015897.D
Acq: 23 Apr 2020 17:47

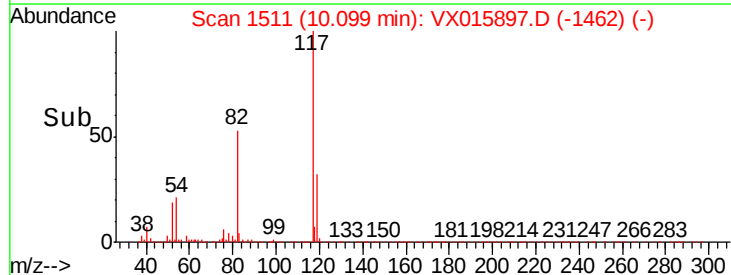
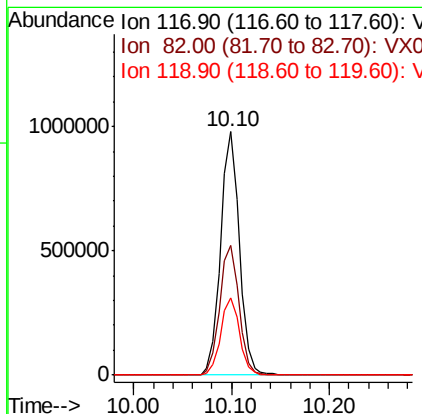
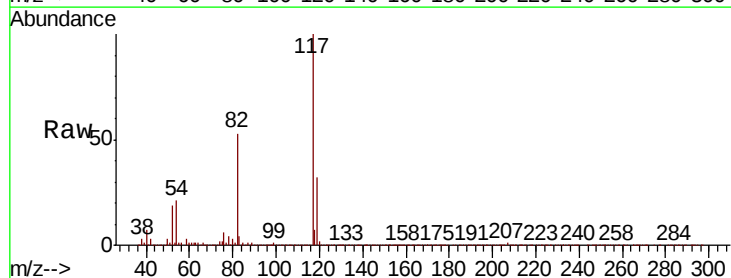
Instrument :
MSVOA_X
ClientSampleId :
S73-0240

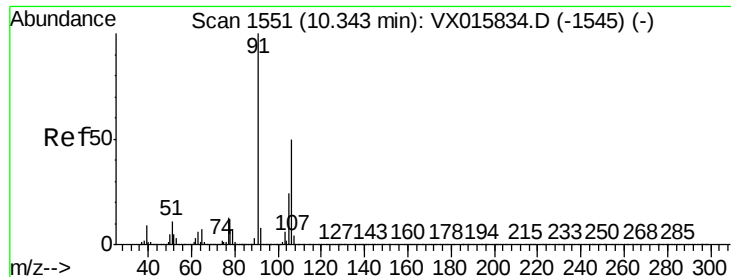
Tot Ion: 95 Resp: 679164
Ion Ratio Lower Upper
95 100
174 86.0 0.0 172.4
176 83.3 0.0 167.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015897.D
Acq: 23 Apr 2020 17:47

Tgt Ion: 117 Resp: 1306000
Ion Ratio Lower Upper
117 100
82 53.3 43.9 65.9
119 31.8 25.1 37.7





#68

m/p-Xvlenes

Concen: 0.209 ug/l

RT: 10.35 min Scan# 1552

Delta R.T. 0.01 min

Lab File: VX015897.D

Acq: 23 Apr 2020 17:47

Instrument :

MSVOA_X

ClientSampleId :

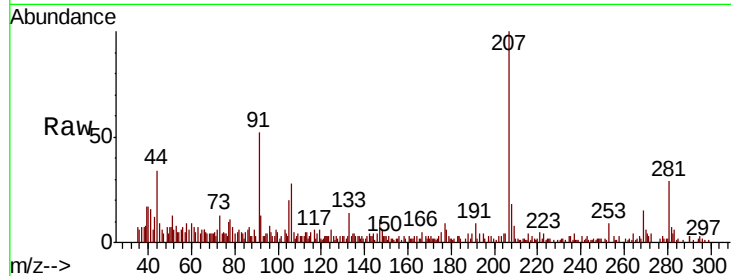
S73-0240

Tot Ion:106 Resp: 3606

Ion Ratio Lower Upper

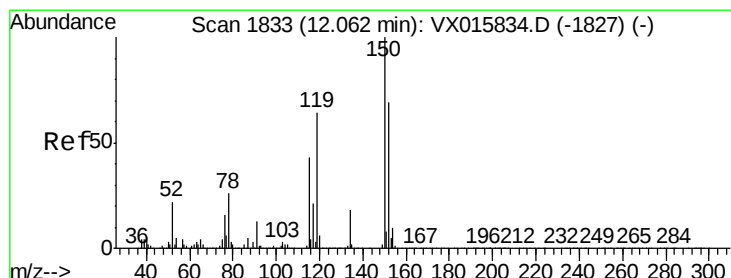
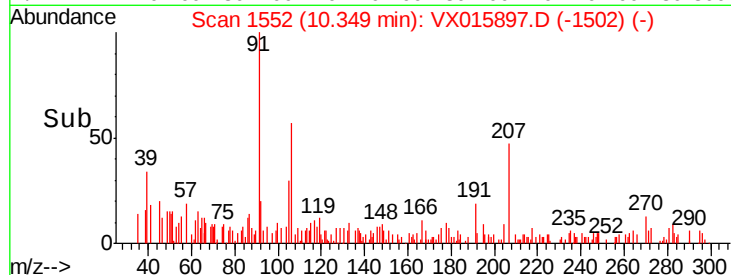
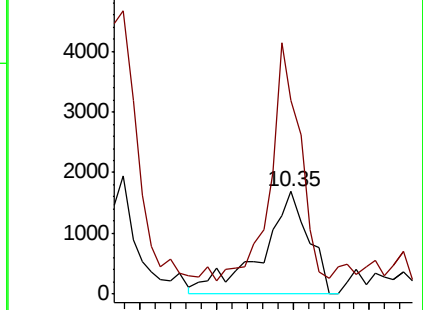
106 100

91 142.7 161.1 241.7#



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: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX015897.D

Acq: 23 Apr 2020 17:47

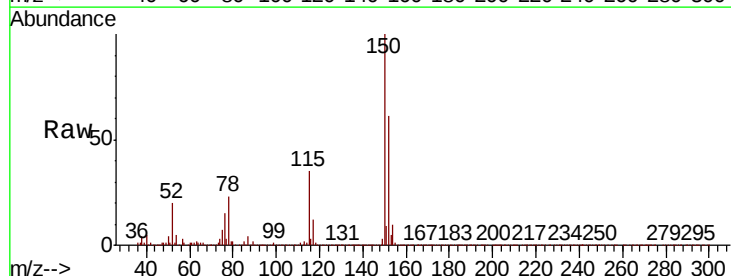
Tgt Ion:152 Resp: 716717

Ion Ratio Lower Upper

152 100

115 55.4 39.0 116.9

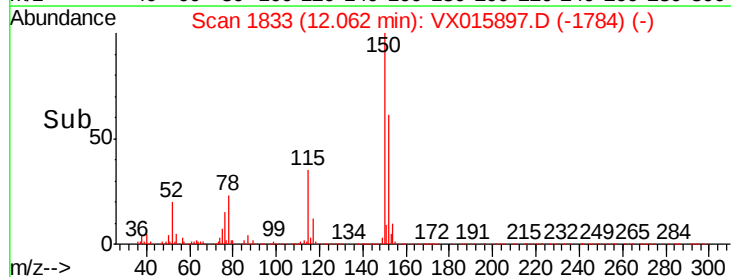
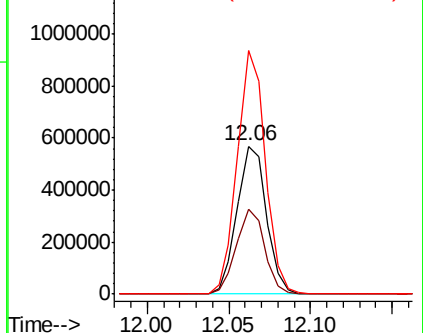
150 157.6 0.0 336.8

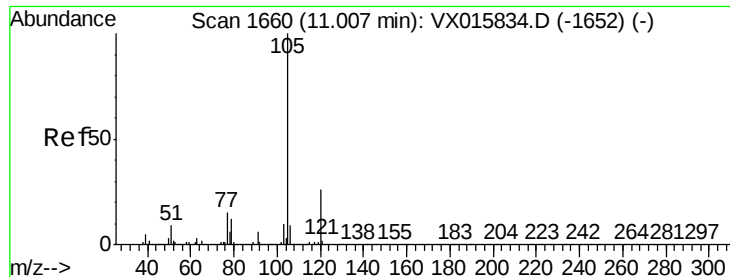


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.233 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015897.D

Acq: 23 Apr 2020 17:47

Instrument :

MSVOA_X

ClientSampleId :

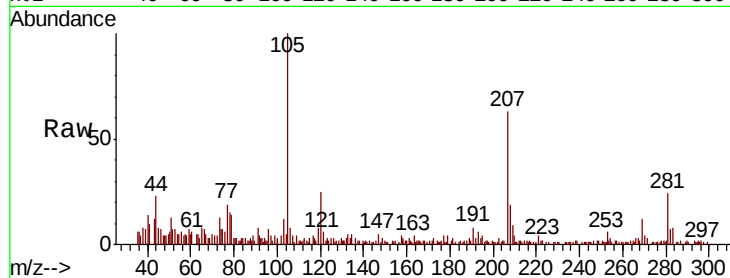
S73-0240

Tot Ion:105 Resp: 10607

Ion Ratio Lower Upper

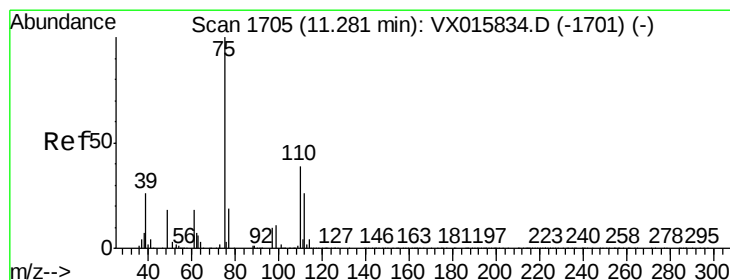
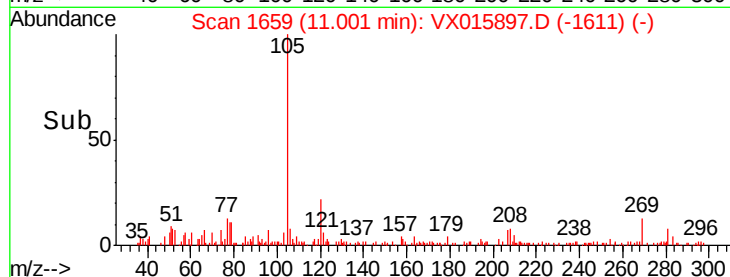
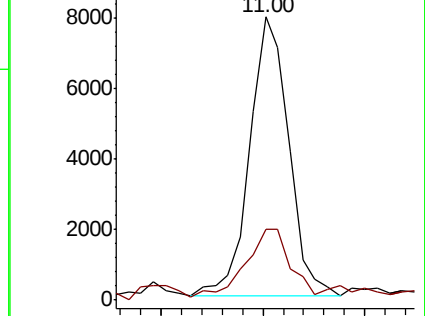
105 100

120 27.6 13.1 39.1



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: 24.096 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.16 min

Lab File: VX015897.D

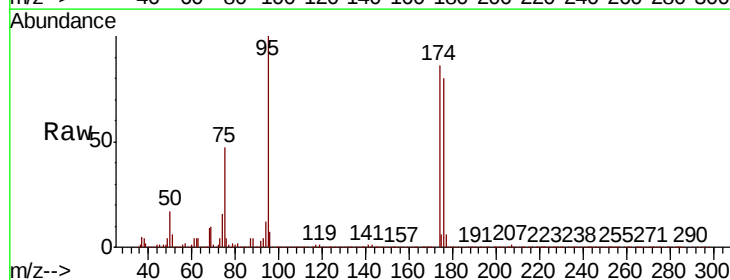
Acq: 23 Apr 2020 17:47

Tgt Ion: 75 Resp: 328400

Ion Ratio Lower Upper

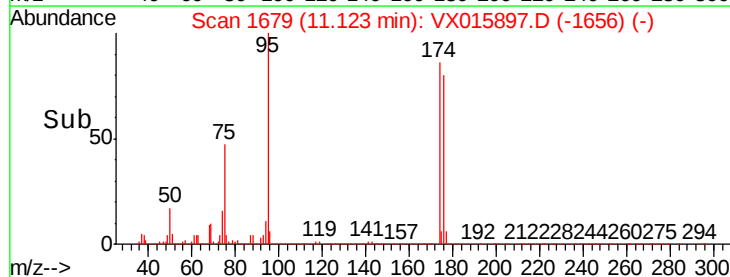
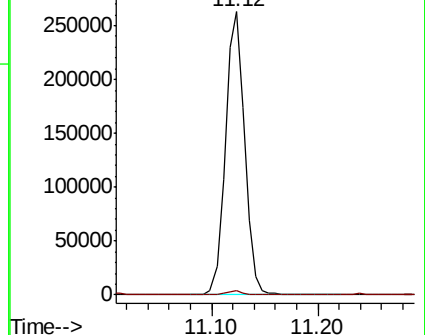
75 100

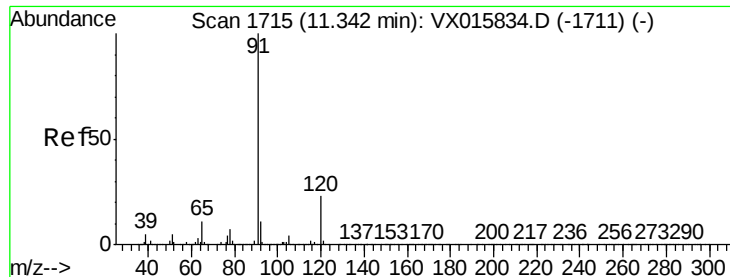
77 1.2 21.3 63.9#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 0.305 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. 0.00 min

Lab File: VX015897.D

Acq: 23 Apr 2020 17:47

Instrument :

MSVOA_X

ClientSampled :

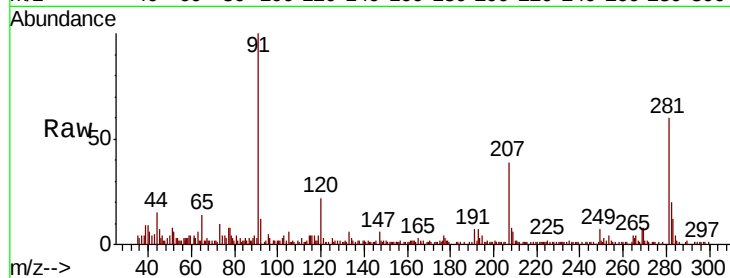
S73-0240

Tot Ion: 91 Resp: 15903

Ion Ratio Lower Upper

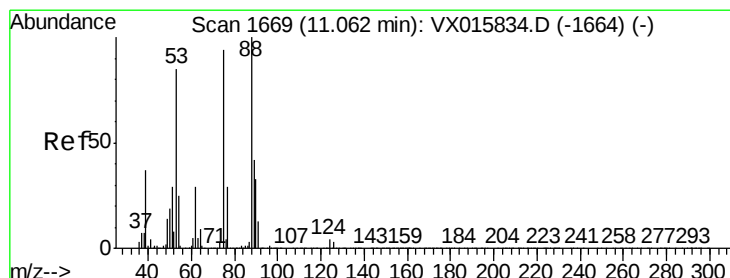
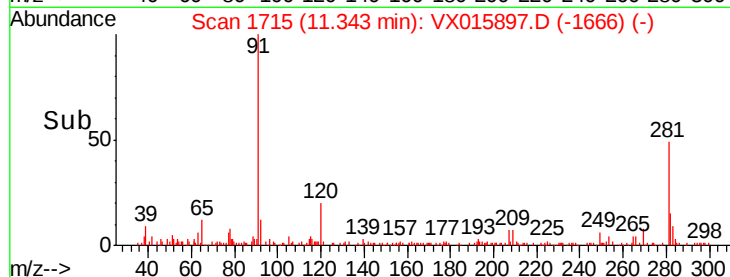
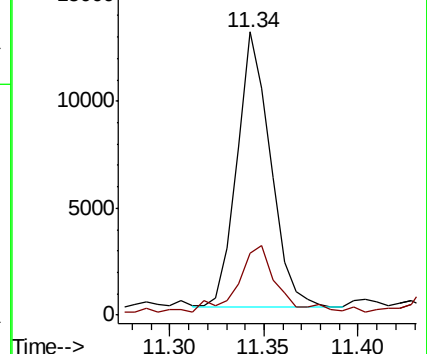
91 100

120 26.6 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 57.963 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.06 min

Lab File: VX015897.D

Acq: 23 Apr 2020 17:47

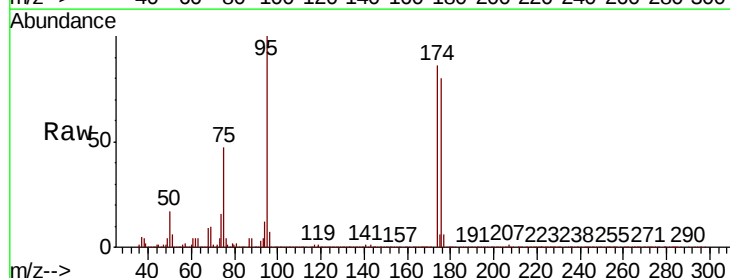
Tgt Ion: 75 Resp: 328400

Ion Ratio Lower Upper

75 100

53 0.0 74.2 111.2#

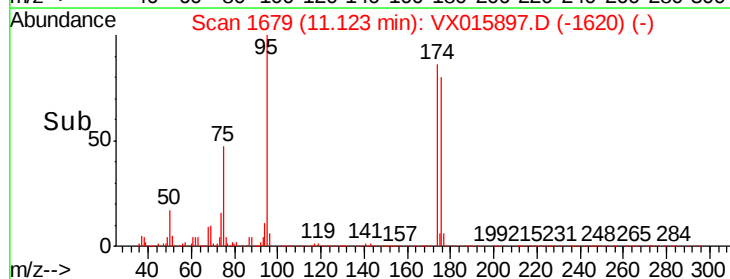
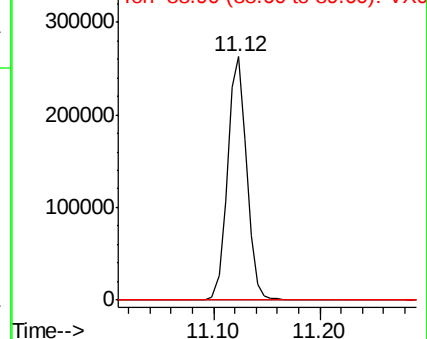
89 0.1 38.0 57.0#

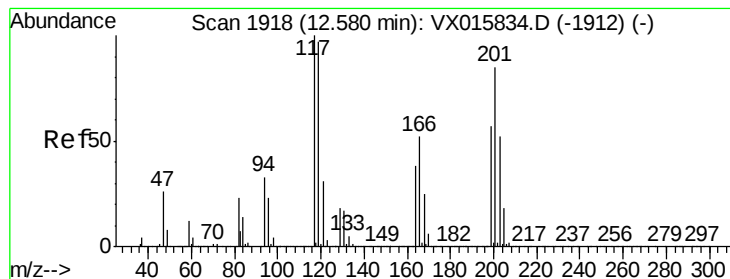


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#90

Hexachloroethane

Concen: 2.159 ug/l

RT: 12.68 min Scan# 1935

Delta R.T. 0.10 min

Lab File: VX015897.D

Acq: 23 Apr 2020 17:47

Instrument :

MSVOA_X

ClientSampleId :

S73-0240

Tot Ion:117 Resp: 9680

Ion Ratio Lower Upper

117 100

201 1.2 45.6 136.9#

