

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061920\
 Data File : VX016909.D
 Acq On : 20 Jun 2020 05:30
 Operator : JC/SP
 Sample : L3063-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-12

Quant Time: Jun 22 01:53:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 12:07:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	310675	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	449434	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	541969	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	287095	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	169679	45.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.82%	
35) Dibromofluoromethane	5.47	113	159418	55.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.90%	
50) Toluene-d8	8.70	98	549902	47.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.62%	
62) 4-Bromofluorobenzene	11.12	95	295216	66.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	133.98%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	3.01	59	74158	117.404	ug/l	99
13) Acrolein	2.25	56	1467	3.831	ug/l #	1
14) Allyl chloride	2.82	41	11391	2.594	ug/l #	74
15) Acrylonitrile	3.17	53	2005	1.385	ug/l #	44
16) Acetone	2.42	43	19367	14.278	ug/l	97
17) Carbon Disulfide	2.55	76	3134	0.365	ug/l #	88
18) Methyl Acetate	2.74	43	912	0.264	ug/l #	64
19) Methyl tert-butyl Ether	3.17	73	90648	9.581	ug/l #	67
20) Methylene Chloride	2.84	84	721	0.222	ug/l #	60
25) 2-Butanone	4.64	43	5525	2.960	ug/l #	81
30) Chloroform	5.24	83	2211	0.398	ug/l #	44
31) Cyclohexane	5.55	56	23629	5.114	ug/l	93
36) 1,1-Dichloropropene	5.63	75	21748	5.241	ug/l #	48
37) Ethyl Acetate	4.64	43	5525	1.507	ug/l #	66
38) Carbon Tetrachloride	5.63	117	28068	6.028	ug/l #	17
39) Methylcyclohexane	7.45	83	11558	2.395	ug/l	94
40) Benzene	6.11	78	266433	21.397	ug/l	98
42) 1,2-Dichloroethane	6.12	62	2571	0.580	ug/l #	72
47) Bromodichloromethane	7.92	83	3836	0.850	ug/l #	26
48) Methyl methacrylate	7.76	41	1342	0.445	ug/l	99
49) 1,4-Dioxane	7.45	88	20	0.296	ug/l #	26
51) 4-Methyl-2-Pentanone	8.62	43	1080	0.280	ug/l	93
52) Toluene	8.77	92	10011	1.212	ug/l	100
59) 2-Hexanone	9.49	43	1677	0.601	ug/l	82
68) m/p-Xylenes	10.35	106	17561	2.437	ug/l	99
69) o-Xylene	10.68	106	1738	0.261	ug/l	98
73) Isopropylbenzene	11.00	105	265728	14.376	ug/l	99
76) 1,2,3-Trichloropropane	11.12	75	140548	26.805	ug/l #	36
78) n-propylbenzene	11.34	91	248322	12.037	ug/l	99
79) 2-Chlorotoluene	11.34	91	248322	19.674	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.49	105	7485	0.469	ug/l	95
81) trans-1,4-Dichloro-2-buten	11.12	75	140548	65.642	ug/l #	14
82) 4-Chlorotoluene	11.34	91	248322	16.399	ug/l #	45
84) 1,2,4-Trimethylbenzene	11.79	105	106567	6.487	ug/l	99

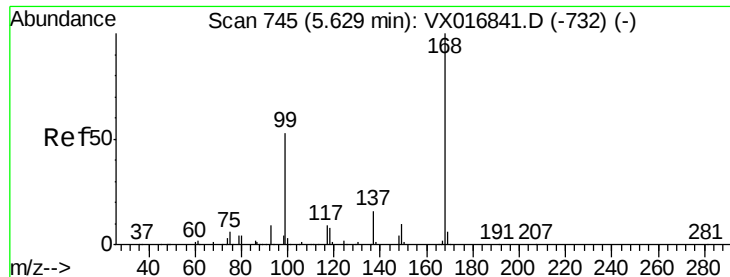
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061920\
Data File : VX016909.D
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Quant Title : SW846 8260
QLast Update : Fri Jun 19 12:07:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	11.93	105	14139	0.771	ug/l	92
89) n-Butylbenzene	12.37	91	11297	0.785	ug/l #	46
90) Hexachloroethane	12.65	117	6775	2.240	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	13.00	75	300	0.242	ug/l #	1
95) Naphthalene	13.82	128	83028	4.737	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016909.D

Acq: 20 Jun 2020 05:30

Instrument :

MSVOA_X

ClientSampled :

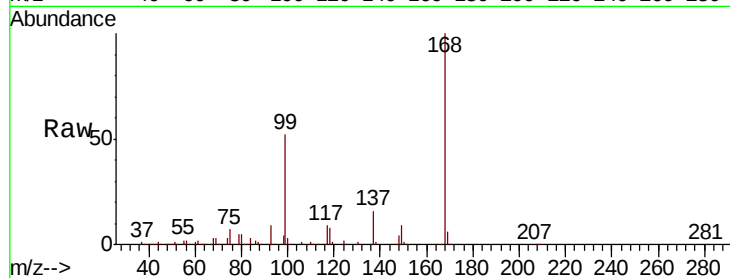
TW-12

Tot Ion:168 Resp: 310675

Ion Ratio Lower Upper

168 100

99 51.9 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

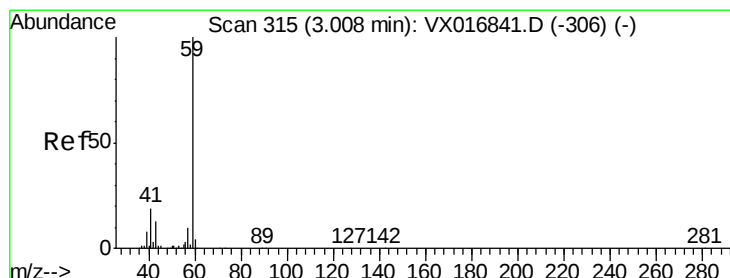
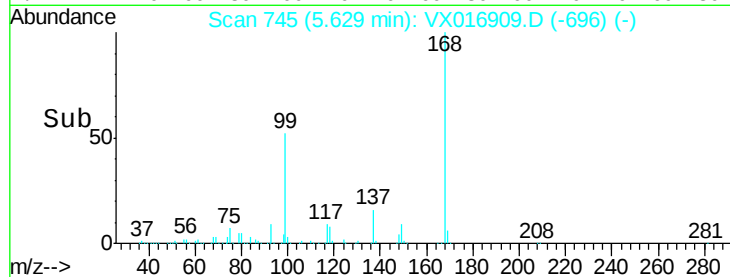
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50000

0

Time-->

5.50 5.60 5.70



#11

Tert butyl alcohol

Concen: 117.404 ug/l

RT: 3.01 min Scan# 315

Delta R.T. -0.00 min

Lab File: VX016909.D

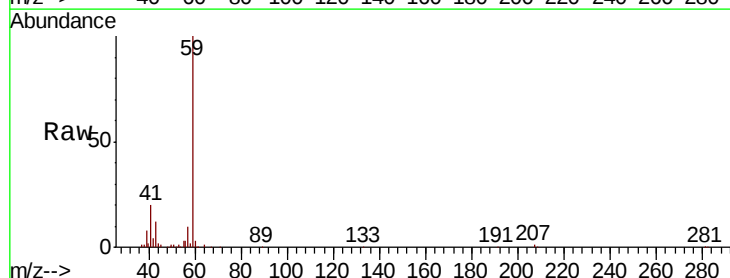
Acq: 20 Jun 2020 05:30

Tgt Ion: 59 Resp: 74158

Ion Ratio Lower Upper

59 100

57 10.0 8.4 12.6



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.01

30000

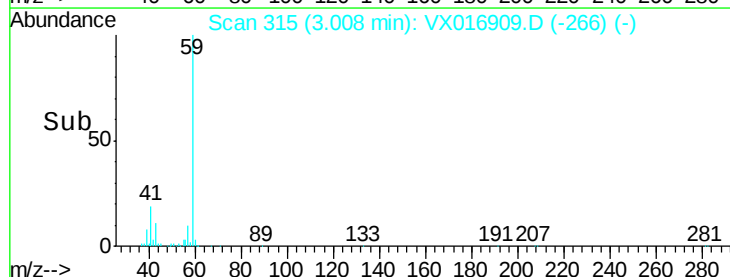
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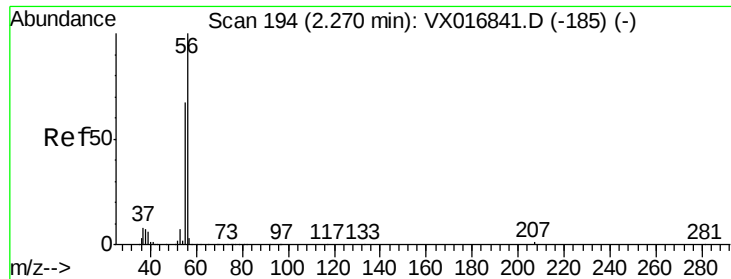
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0

Time-->

2.90 3.00 3.10





#13

Acrolein

Concen: 3.831 ug/l

RT: 2.25 min Scan# 191

Delta R.T. -0.02 min

Lab File: VX016909.D

Acq: 20 Jun 2020 05:30

Instrument :

MSVOA_X

ClientSampleId :

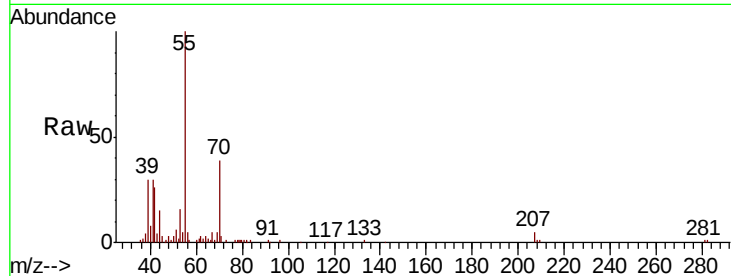
TW-12

Tot Ion: 56 Resp: 1467

Ion Ratio Lower Upper

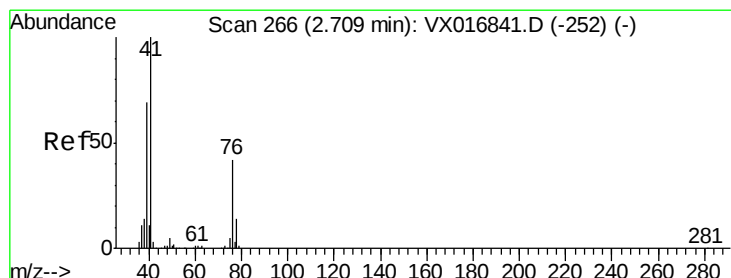
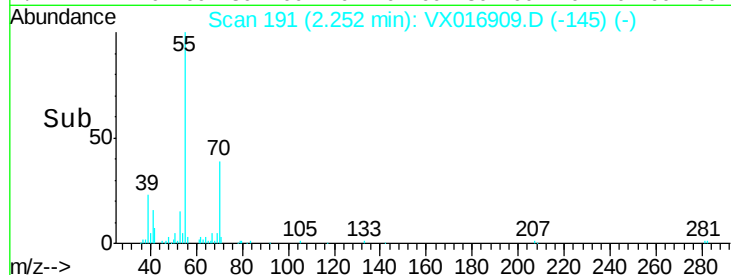
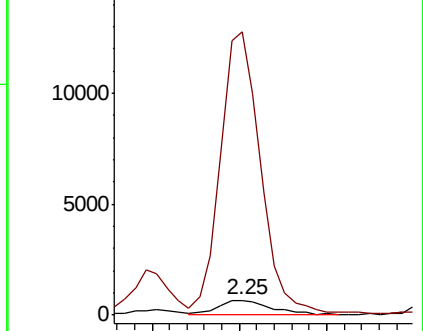
56 100

55 1390.9 55.7 83.5#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 2.594 ug/l

RT: 2.82 min Scan# 285

Delta R.T. 0.12 min

Lab File: VX016909.D

Acq: 20 Jun 2020 05:30

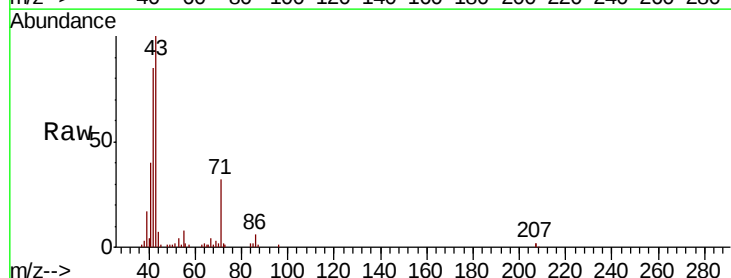
Tgt Ion: 41 Resp: 11391

Ion Ratio Lower Upper

41 100

39 61.1 50.7 76.1

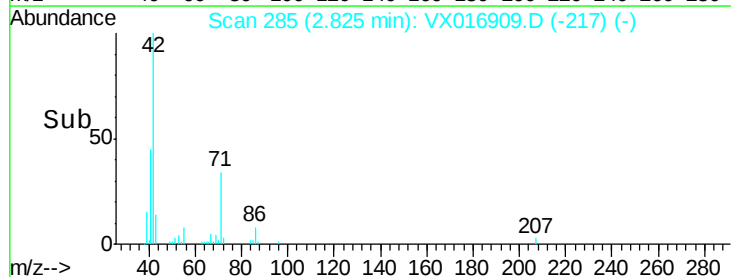
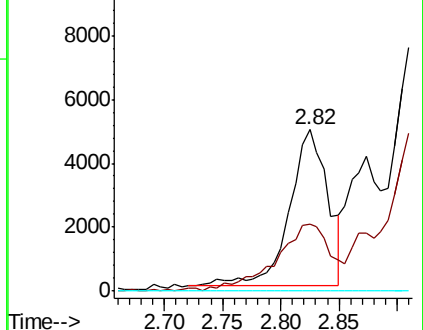
76 0.0 30.9 46.3#

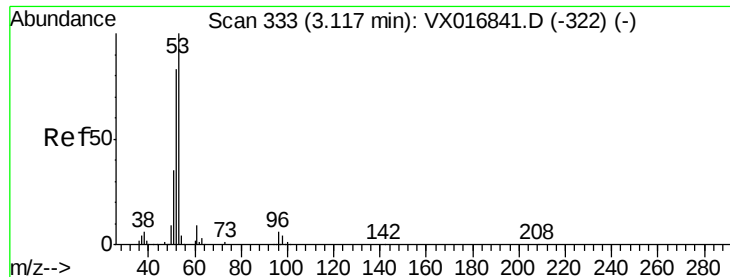


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 1.385 ug/l

RT: 3.17 min Scan# 341

Delta R.T. 0.05 min

Lab File: VX016909.D

Acq: 20 Jun 2020 05:30

Instrument :

MSVOA_X

ClientSampleId :

TW-12

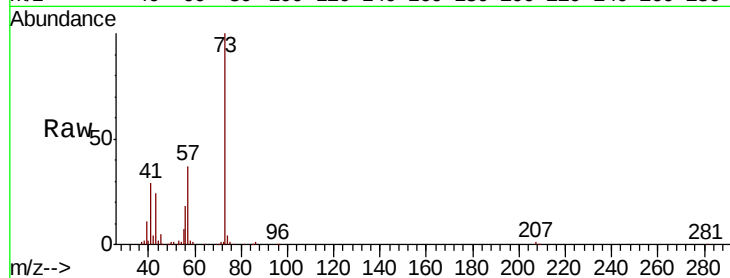
Tot Ion: 53 Resp: 2005

Ion Ratio Lower Upper

53 100

52 32.6 66.2 99.2#

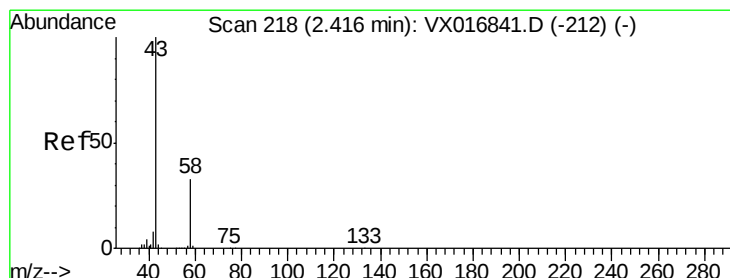
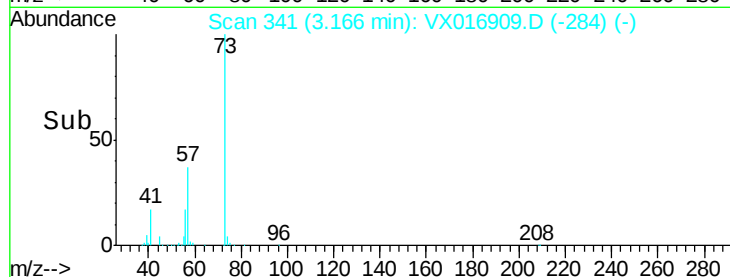
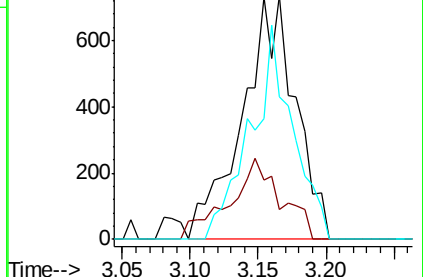
51 69.8 28.7 43.1#



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 14.278 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX016909.D

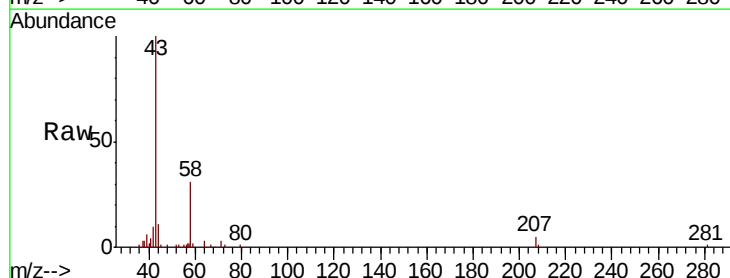
Acq: 20 Jun 2020 05:30

Tgt Ion: 43 Resp: 19367

Ion Ratio Lower Upper

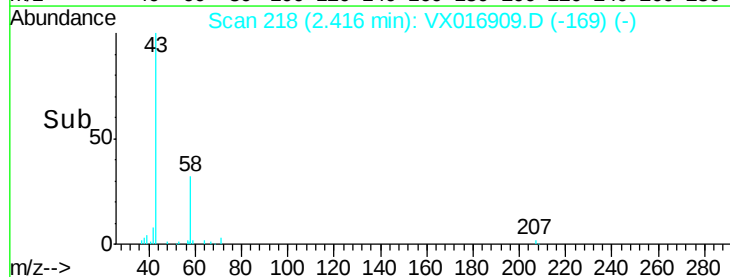
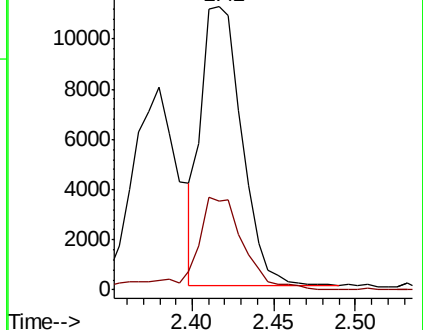
43 100

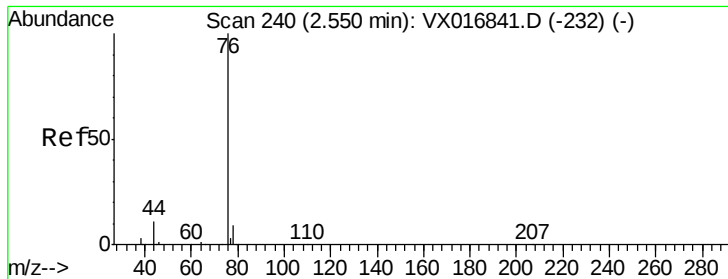
58 31.7 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

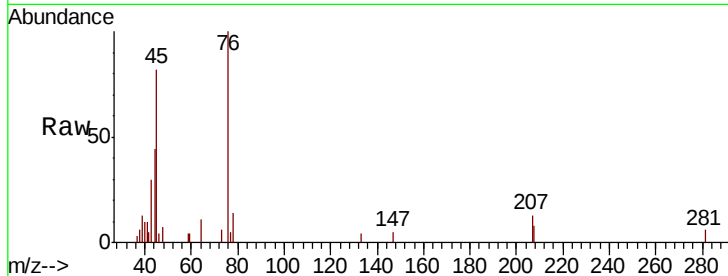




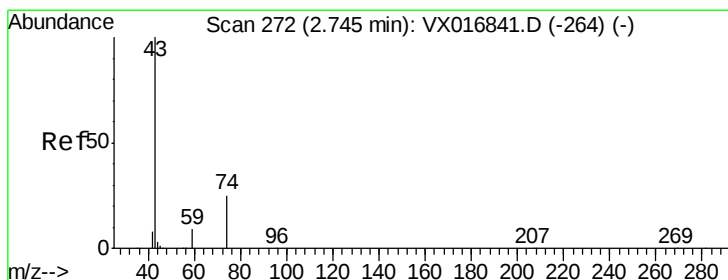
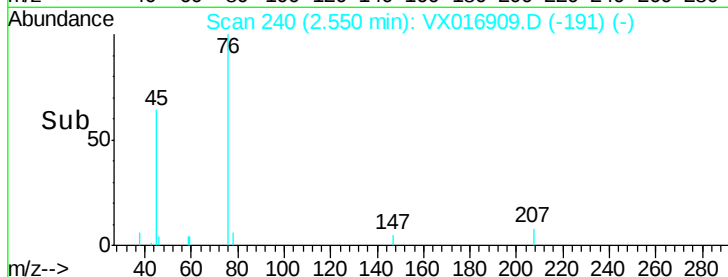
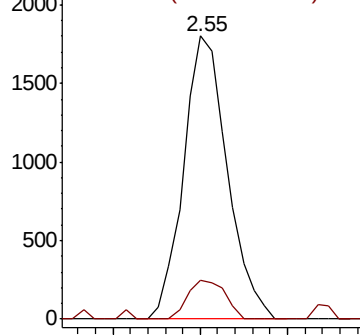
#17
Carbon Disulfide
Concen: 0.365 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016909.D
Acq: 20 Jun 2020 05:30

Instrument :
MSVOA_X
ClientSampled :
TW-12

Tot Ion: 76 Resp: 3134
Ion Ratio Lower Upper
76 100
78 13.7 7.5 11.3#

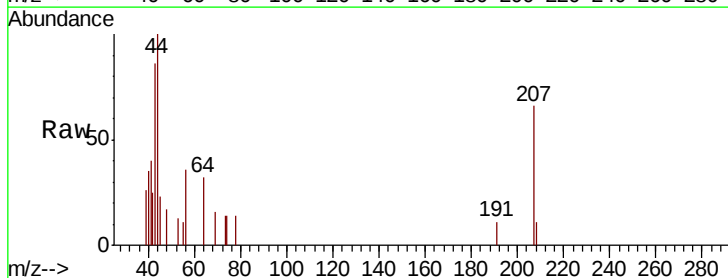


Abundance Ion 75.90 (75.60 to 76.60): VX0
Ion 77.90 (77.60 to 78.60): VX0

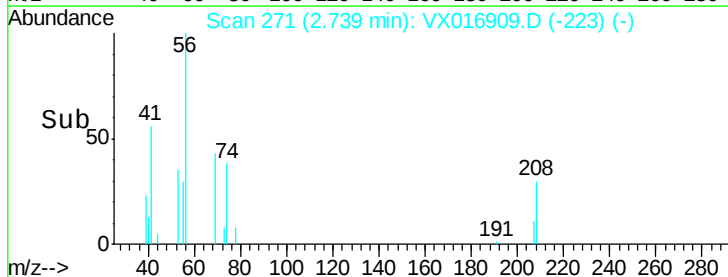
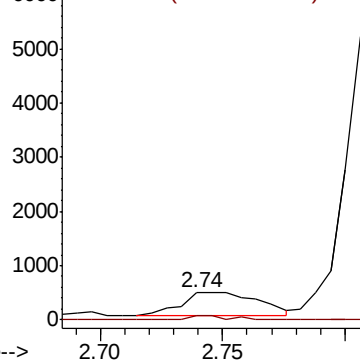


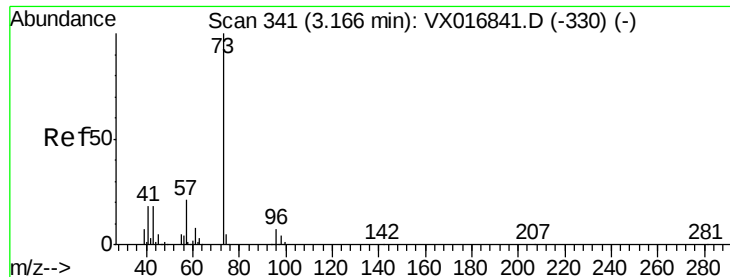
#18
Methyl Acetate
Concen: 0.264 ug/l
RT: 2.74 min Scan# 271
Delta R.T. -0.01 min
Lab File: VX016909.D
Acq: 20 Jun 2020 05:30

Tgt Ion: 43 Resp: 912
Ion Ratio Lower Upper
43 100
74 8.7 21.8 32.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 74.00 (73.70 to 74.70): VX0



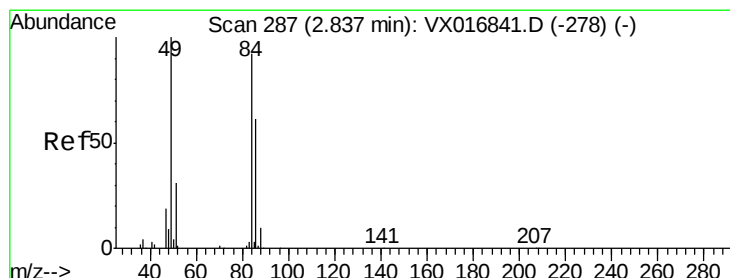
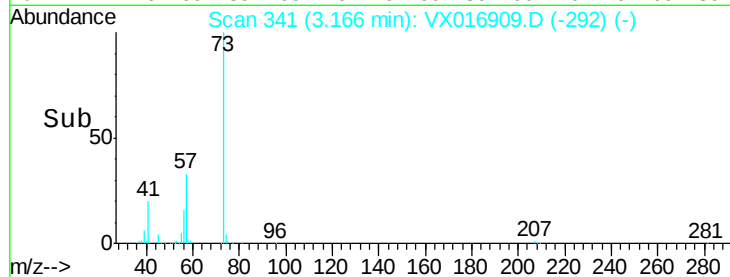
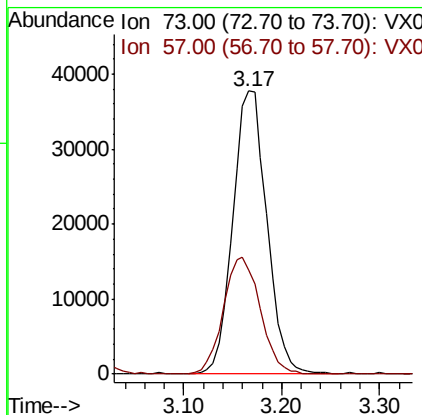
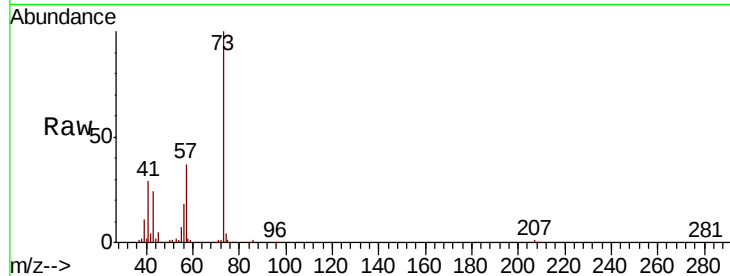


#19

Methyl tert-butyl Ether
 Concen: 9.581 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX016909.D
 Acq: 20 Jun 2020 05:30

Instrument :
 MSVOA_X
 ClientSampleID :
 TW-12

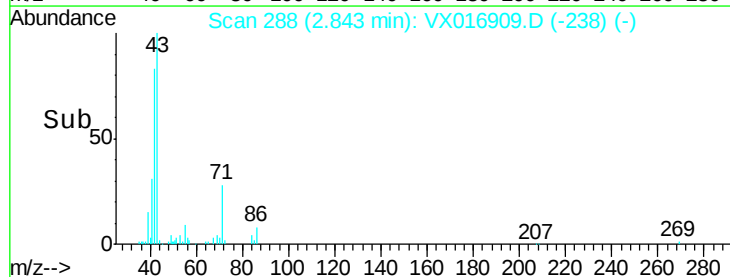
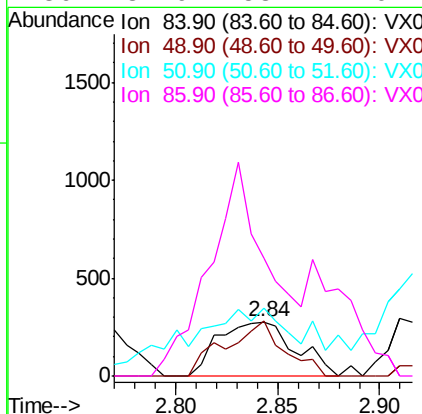
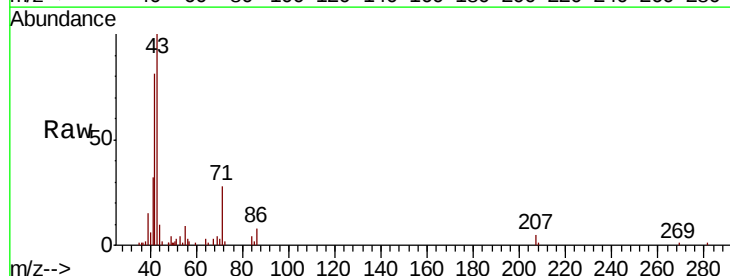
Tot Ion: 73 Resp: 90648
 Ion Ratio Lower Upper
 73 100
 57 36.8 16.9 25.3#

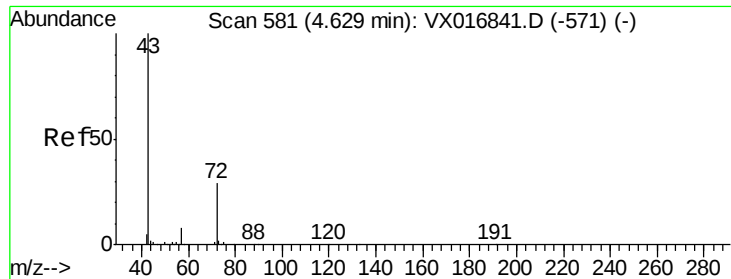


#20

Methylene Chloride
 Concen: 0.222 ug/l
 RT: 2.84 min Scan# 288
 Delta R.T. 0.01 min
 Lab File: VX016909.D
 Acq: 20 Jun 2020 05:30

Tgt Ion: 84 Resp: 721
 Ion Ratio Lower Upper
 84 100
 49 100.7 86.6 129.8
 51 71.4 27.1 40.7#
 86 131.9 53.1 79.7#

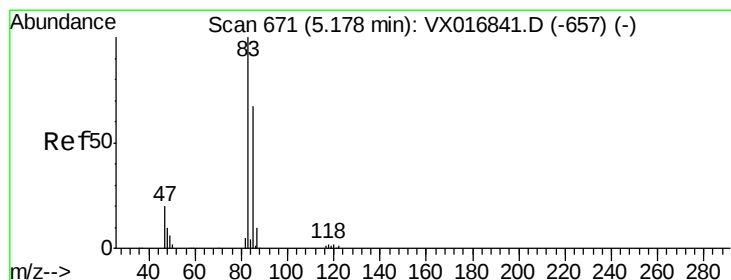
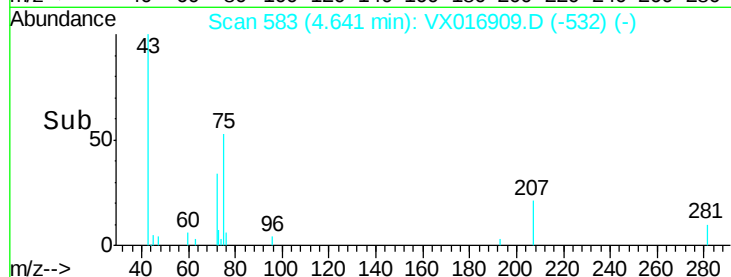
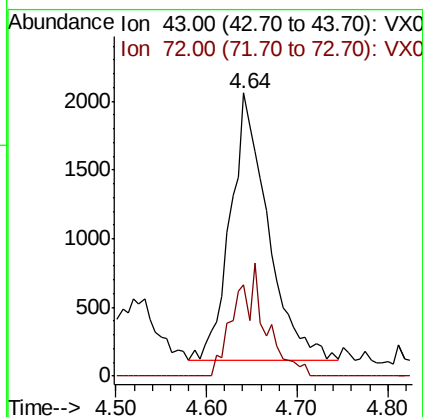
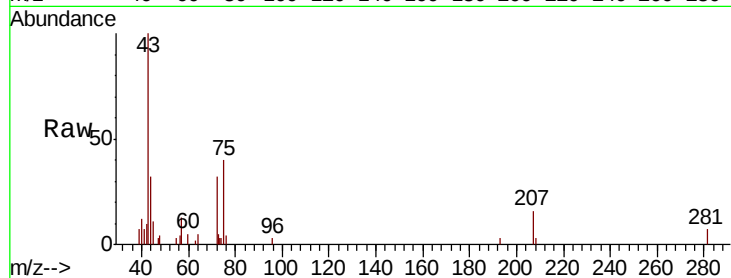




#25
2-Butanone
Concen: 2.960 ug/l
RT: 4.64 min Scan# 583
Delta R.T. 0.01 min
Lab File: VX016909.D
Acq: 20 Jun 2020 05:30

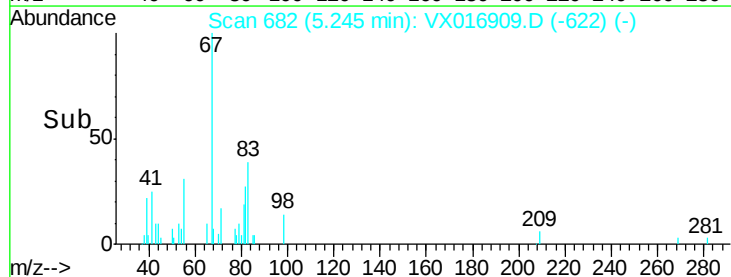
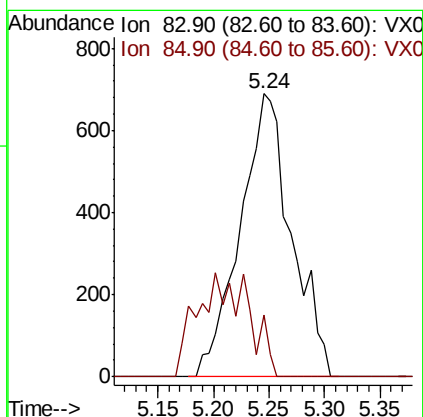
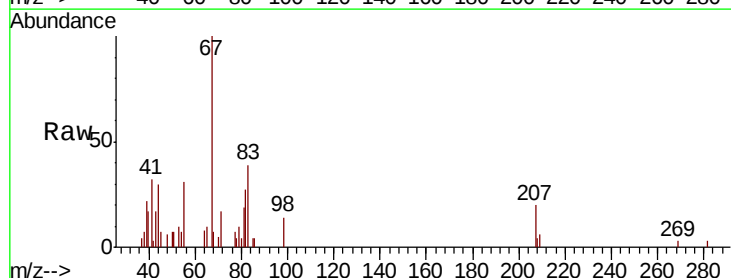
Instrument :
MSVOA_X
ClientSampled :
TW-12

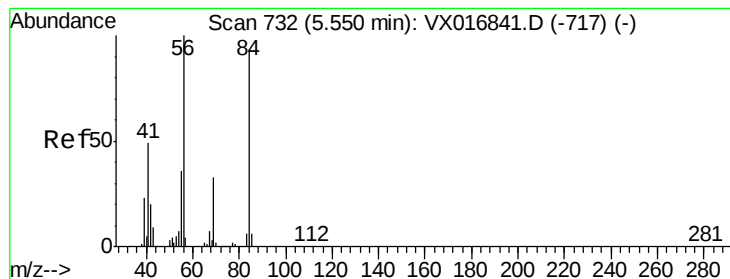
Tot Ion: 43 Resp: 5525
Ion Ratio Lower Upper
43 100
72 39.4 23.5 35.3#



#30
Chloroform
Concen: 0.398 ug/l
RT: 5.24 min Scan# 682
Delta R.T. 0.07 min
Lab File: VX016909.D
Acq: 20 Jun 2020 05:30

Tgt Ion: 83 Resp: 2211
Ion Ratio Lower Upper
83 100
85 21.9 53.4 80.0#





#31

Cyclohexane

Concen: 5.114 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX016909.D

Acq: 20 Jun 2020 05:30

Instrument :

MSVOA_X

ClientSampled :

TW-12

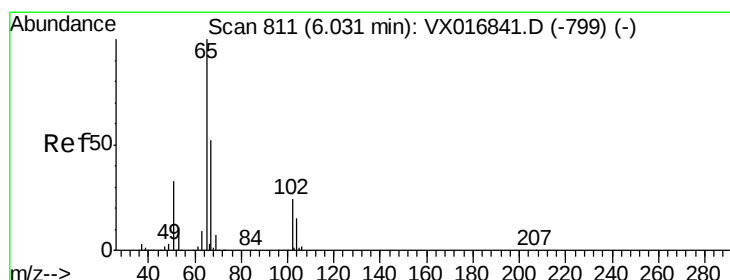
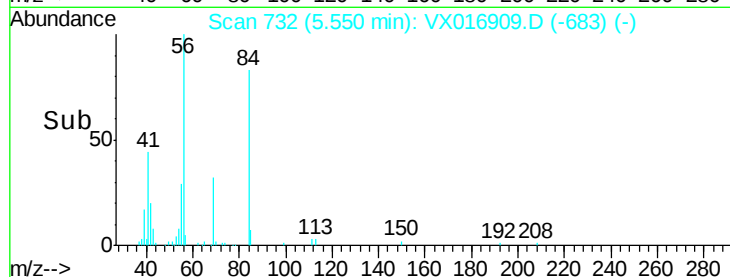
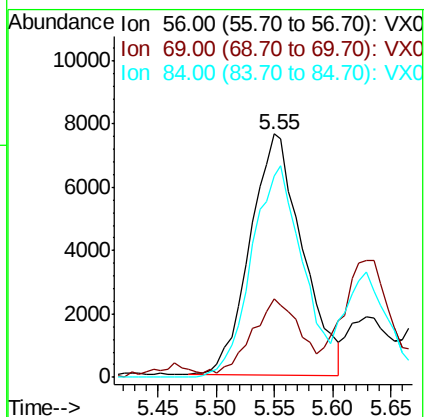
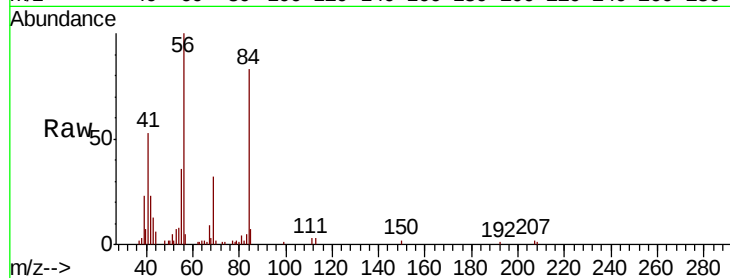
Tot Ion: 56 Resp: 23629

Ion Ratio Lower Upper

56 100

69 29.3 26.1 39.1

84 83.7 73.0 109.6



#33

1,2-Dichloroethane-d4

Concen: 45.412 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016909.D

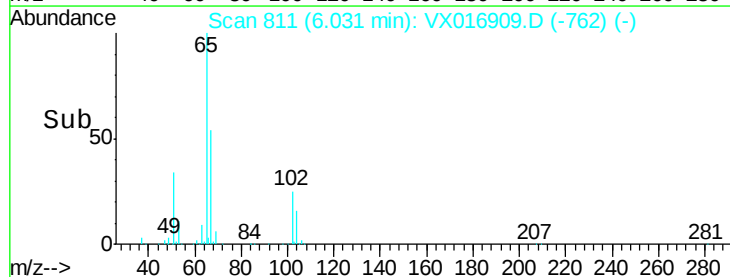
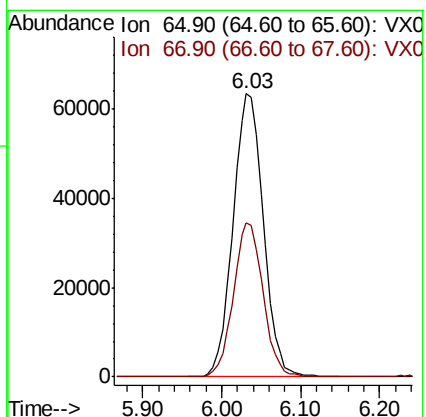
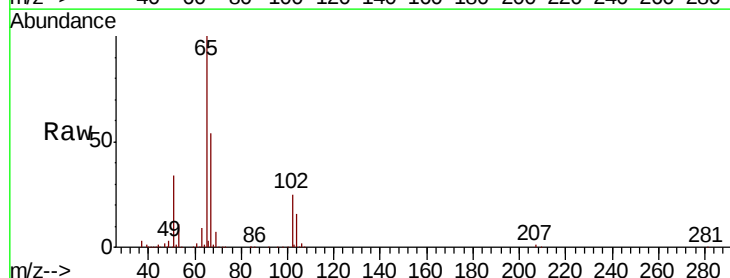
Acq: 20 Jun 2020 05:30

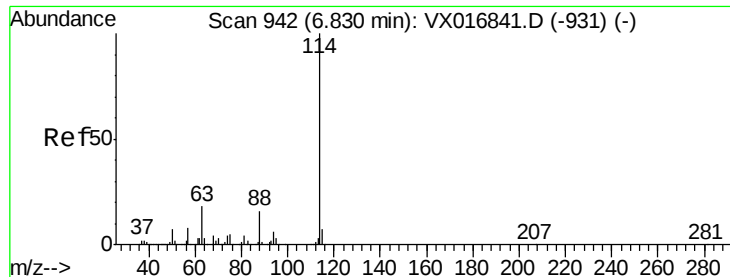
Tgt Ion: 65 Resp: 169679

Ion Ratio Lower Upper

65 100

67 53.0 0.0 102.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016909.D

Acq: 20 Jun 2020 05:30

Instrument :

MSVOA_X

ClientSampled :

TW-12

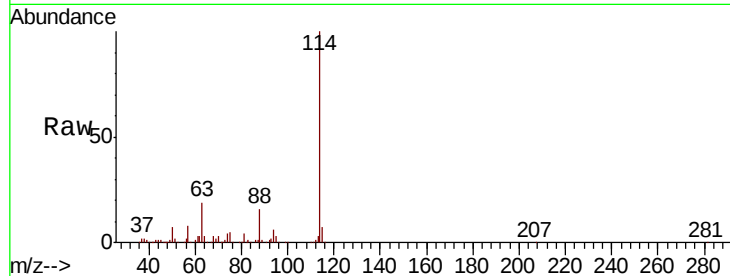
Tot Ion:114 Resp: 449434

Ion Ratio Lower Upper

114 100

63 19.1 0.0 37.0

88 15.7 0.0 32.0



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

250000

200000

150000

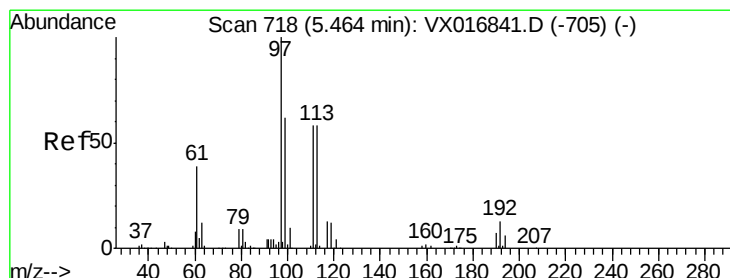
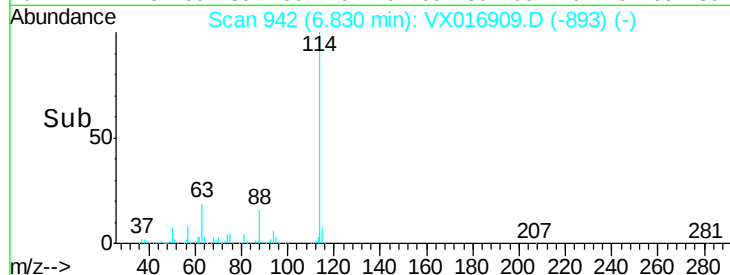
100000

50000

0

6.70 6.80 6.90 7.00

Time-->



#35

Dibromofluoromethane

Concen: 55.449 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016909.D

Acq: 20 Jun 2020 05:30

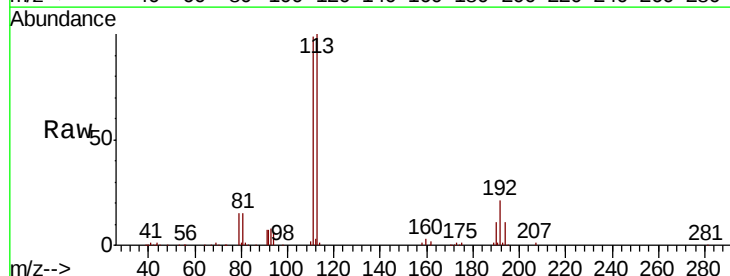
Tgt Ion:113 Resp: 159418

Ion Ratio Lower Upper

113 100

111 102.0 81.0 121.4

192 22.2 18.5 27.7



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

60000

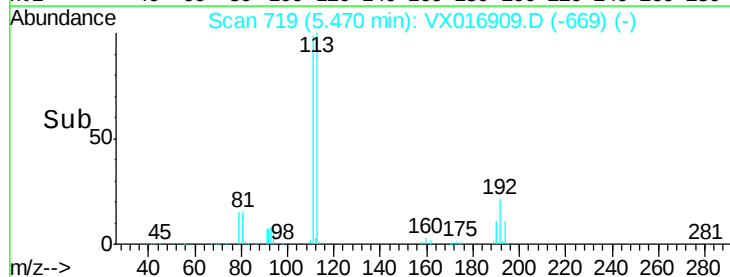
40000

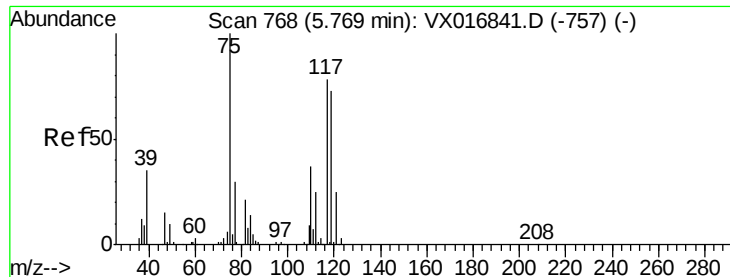
20000

0

5.30 5.40 5.50 5.60

Time-->





#36

1,1-Dichloropropene

Concen: 5.241 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.14 min

Lab File: VX016909.D

Acq: 20 Jun 2020 05:30

Instrument :

MSVOA_X

ClientSampled :

TW-12

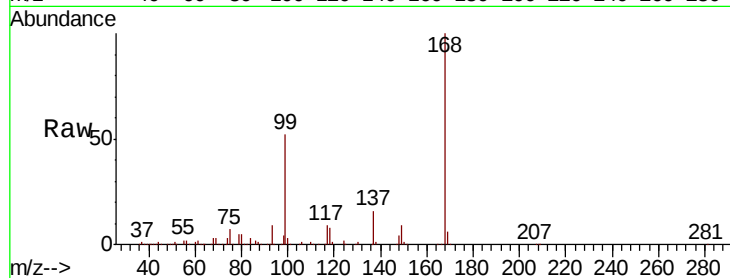
Tot Ion: 75 Resp: 21748

Ion Ratio Lower Upper

75 100

110 9.4 18.9 56.9#

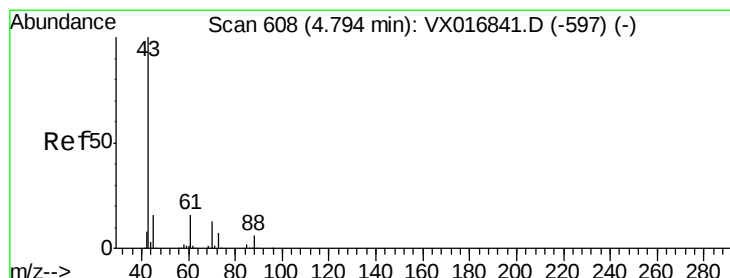
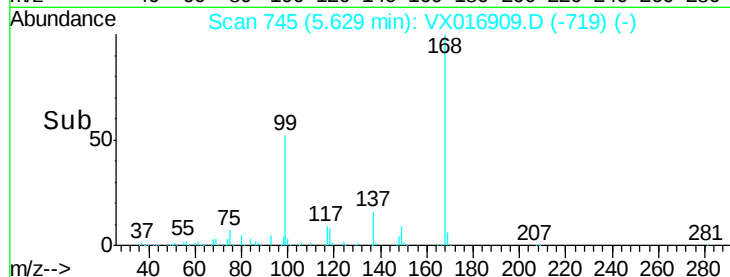
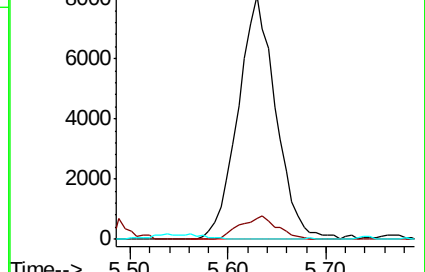
77 0.0 25.6 38.4#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#37

Ethyl Acetate

Concen: 1.507 ug/l

RT: 4.64 min Scan# 583

Delta R.T. -0.15 min

Lab File: VX016909.D

Acq: 20 Jun 2020 05:30

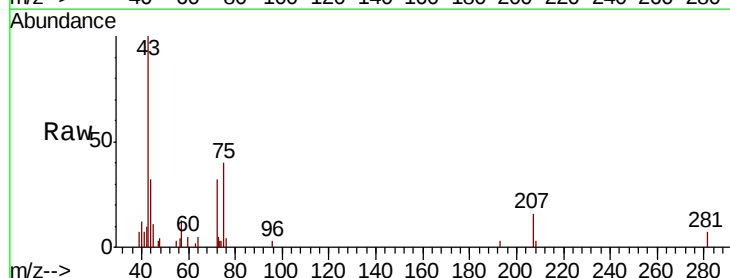
Tgt Ion: 43 Resp: 5525

Ion Ratio Lower Upper

43 100

61 0.4 12.2 18.2#

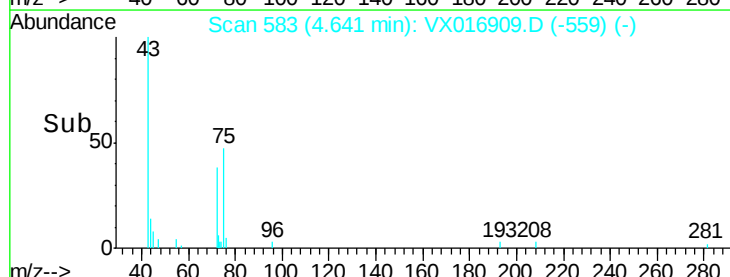
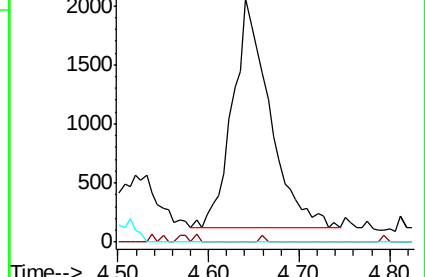
70 0.0 10.5 15.7#

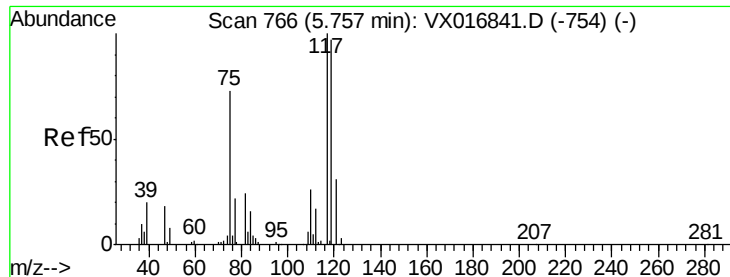


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0





#38

Carbon Tetrachloride

Concen: 6.028 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.13 min

Lab File: VX016909.D

Acq: 20 Jun 2020 05:30

Instrument :

MSVOA_X

ClientSampled :

TW-12

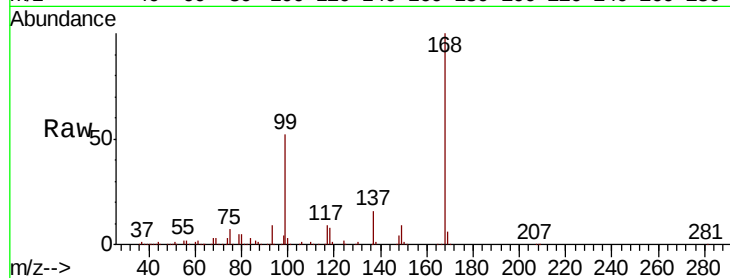
Tot Ion:117 Resp: 28068

Ion Ratio Lower Upper

117 100

119 6.8 77.4 116.2#

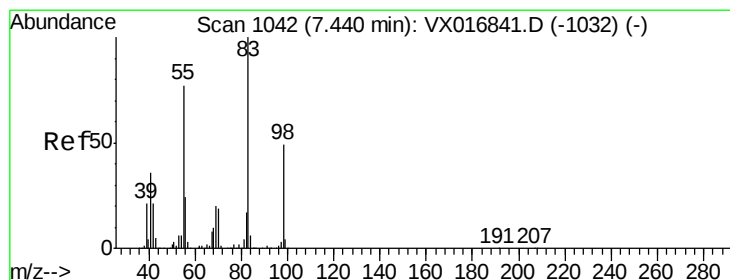
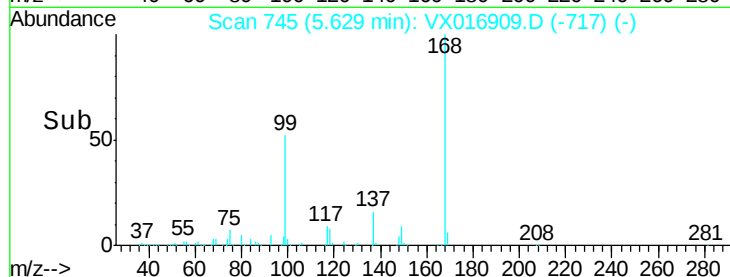
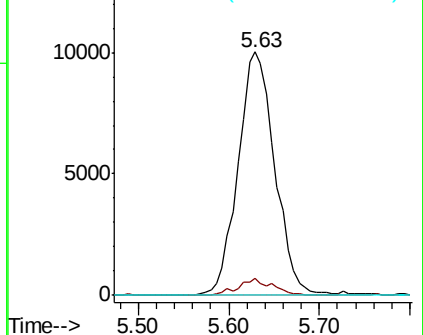
121 0.0 24.7 37.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 2.395 ug/l

RT: 7.45 min Scan# 1043

Delta R.T. 0.01 min

Lab File: VX016909.D

Acq: 20 Jun 2020 05:30

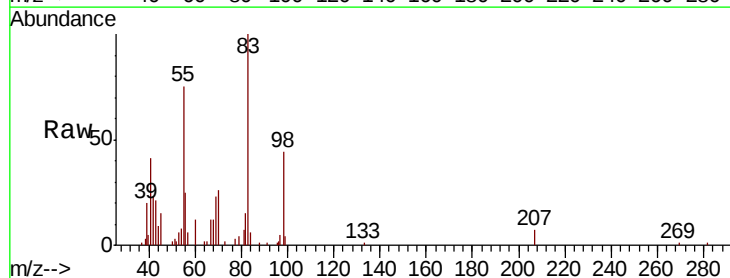
Tgt Ion: 83 Resp: 11558

Ion Ratio Lower Upper

83 100

55 72.7 61.7 92.5

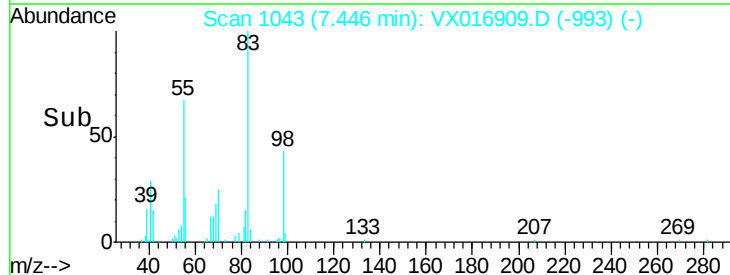
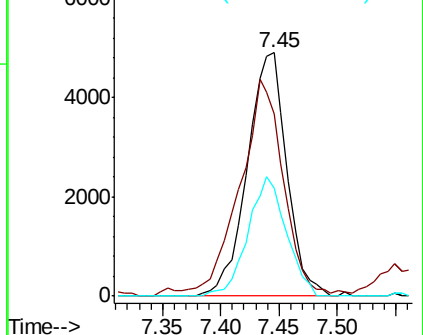
98 44.2 39.0 58.6

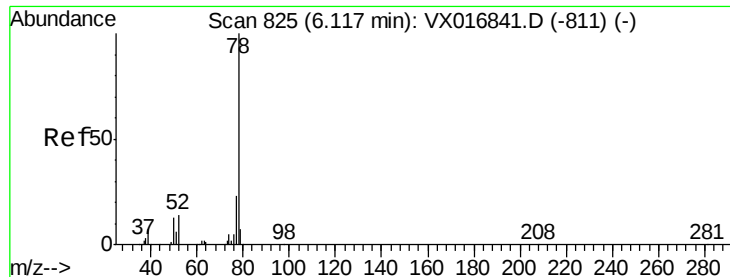


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 21.397 ug/l

RT: 6.11 min Scan# 824

Delta R.T. -0.01 min

Lab File: VX016909.D

Acq: 20 Jun 2020 05:30

Instrument :

MSVOA_X

ClientSampled :

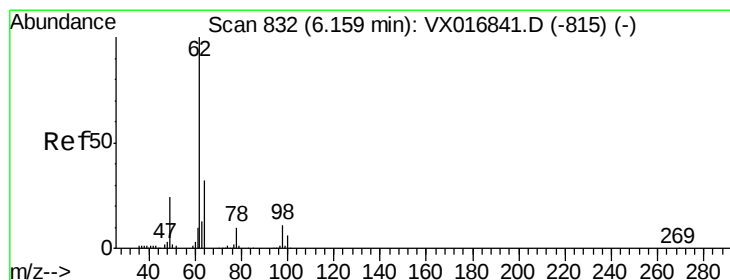
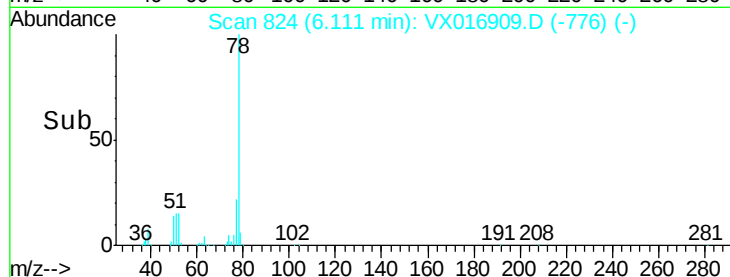
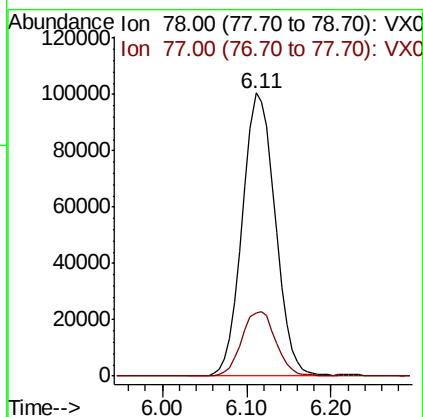
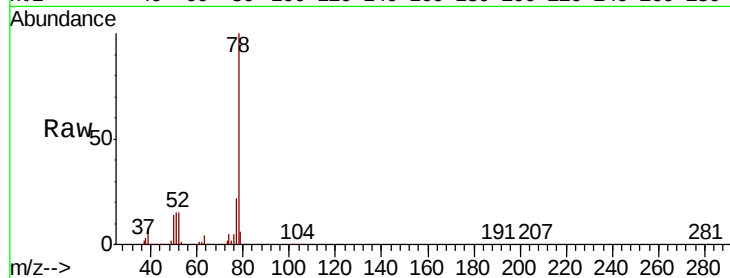
TW-12

Tot Ion: 78 Resp: 266433

Ion Ratio Lower Upper

78 100

77 22.2 18.6 27.8



#42

1,2-Dichloroethane

Concen: 0.580 ug/l

RT: 6.12 min Scan# 825

Delta R.T. -0.04 min

Lab File: VX016909.D

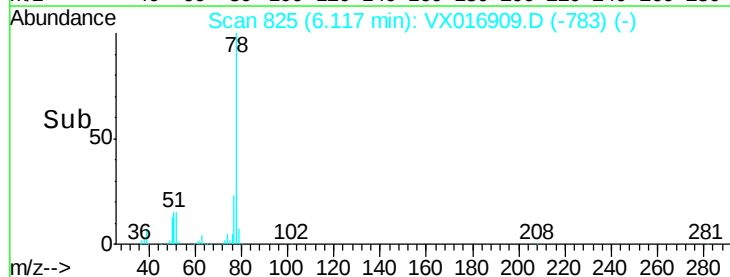
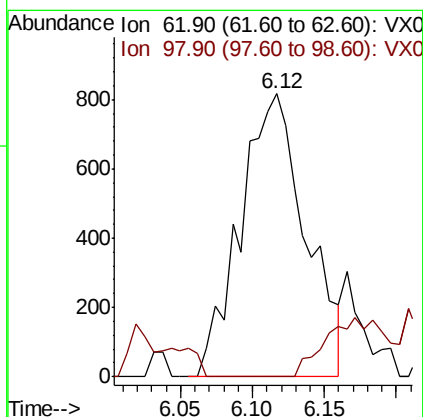
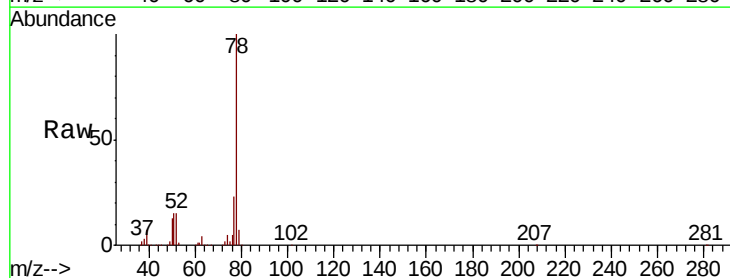
Acq: 20 Jun 2020 05:30

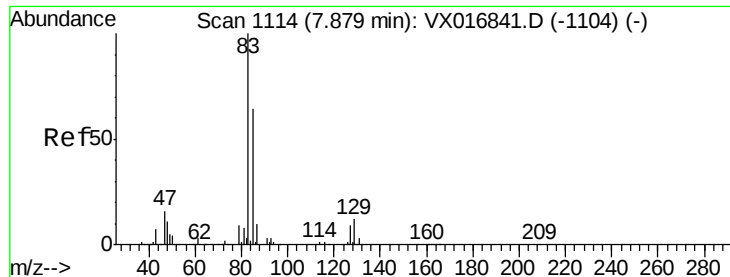
Tgt Ion: 62 Resp: 2571

Ion Ratio Lower Upper

62 100

98 0.0 0.0 20.8





#47

Bromodichloromethane

Concen: 0.850 ug/l

RT: 7.92 min Scan# 1121

Delta R.T. 0.04 min

Lab File: VX016909.D

Acq: 20 Jun 2020 05:30

Instrument :

MSVOA_X

ClientSampled :

TW-12

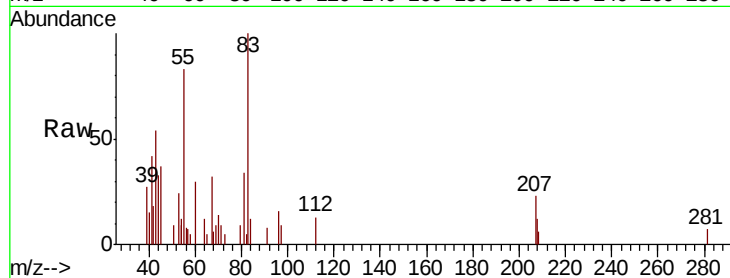
Tot Ion: 83 Resp: 3836

Ion Ratio Lower Upper

83 100

85 0.0 50.9 76.3#

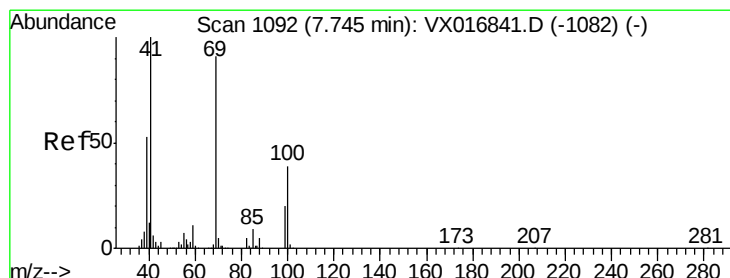
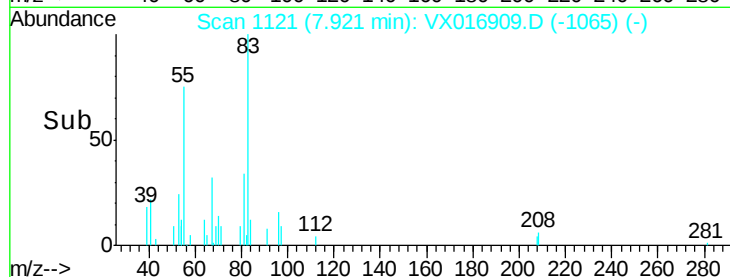
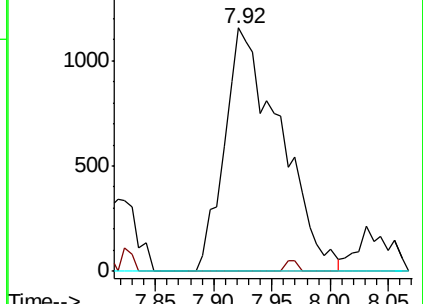
127 0.0 7.4 11.0#



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: 0.445 ug/l

RT: 7.76 min Scan# 1095

Delta R.T. 0.02 min

Lab File: VX016909.D

Acq: 20 Jun 2020 05:30

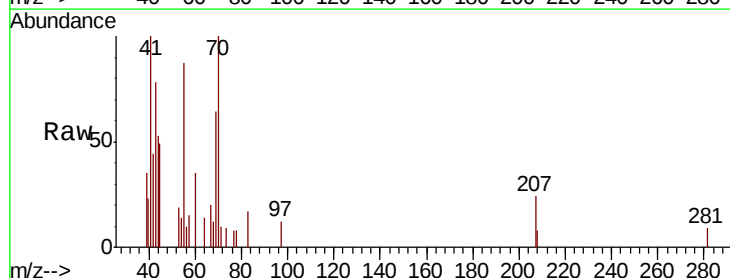
Tgt Ion: 41 Resp: 1342

Ion Ratio Lower Upper

41 100

69 91.1 73.3 109.9

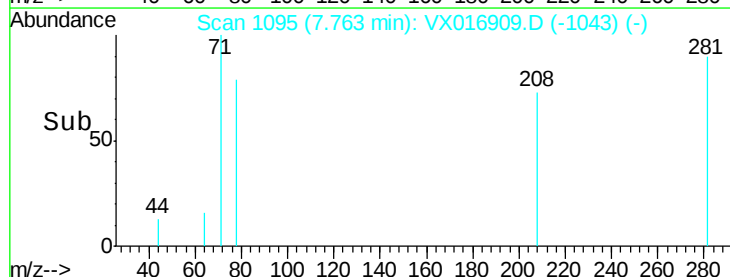
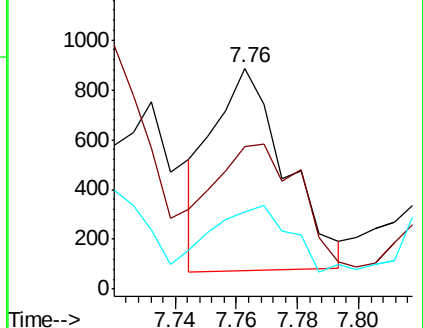
39 54.5 42.4 63.6

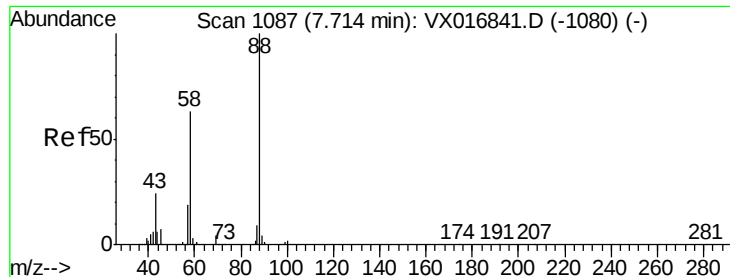


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 0.296 ug/l

RT: 7.45 min Scan# 1043

Delta R.T. -0.27 min

Lab File: VX016909.D

Acq: 20 Jun 2020 05:30

Instrument :

MSVOA_X

ClientSampled :

TW-12

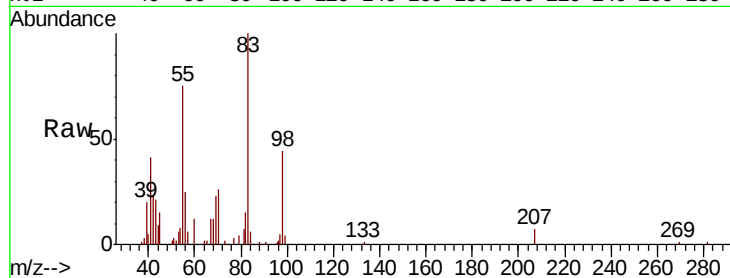
Tot Ion: 88 Resp: 20

Ion Ratio Lower Upper

88 100

43 0.0 22.7 34.1#

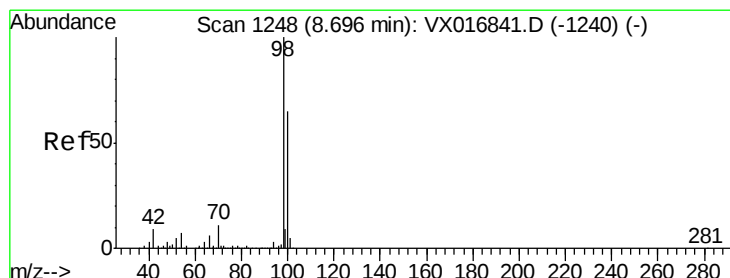
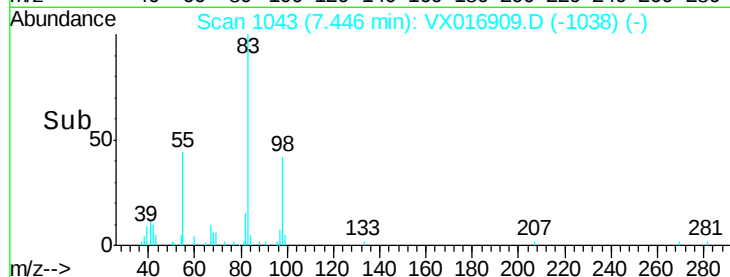
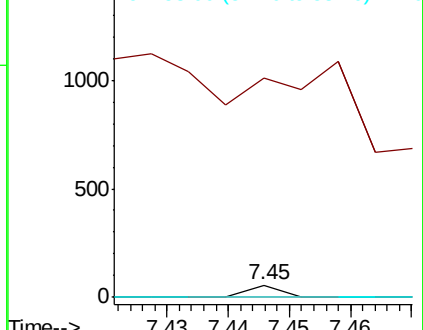
58 0.0 53.1 79.7#



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: 47.807 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016909.D

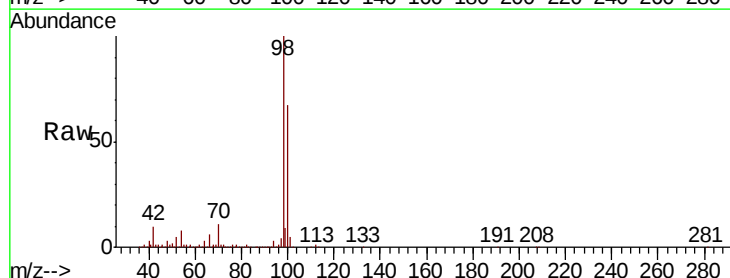
Acq: 20 Jun 2020 05:30

Tgt Ion: 98 Resp: 549902

Ion Ratio Lower Upper

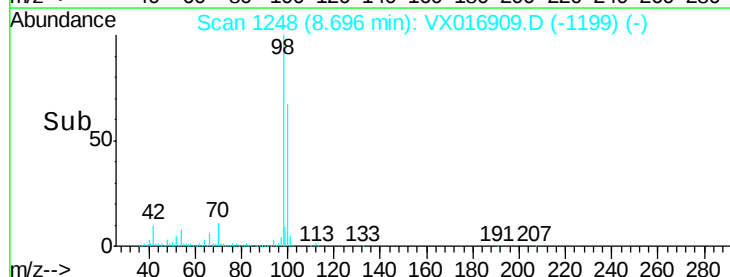
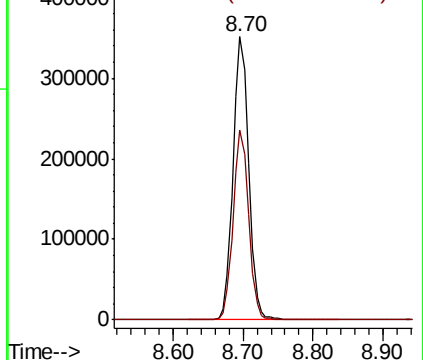
98 100

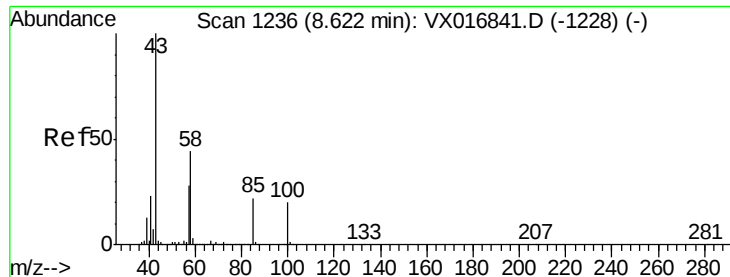
100 66.4 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

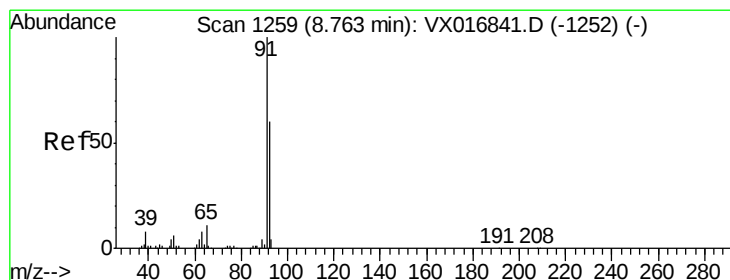
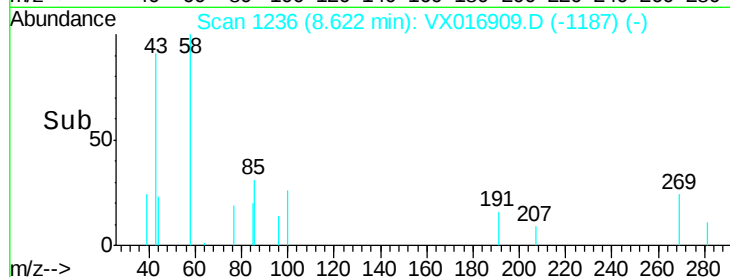
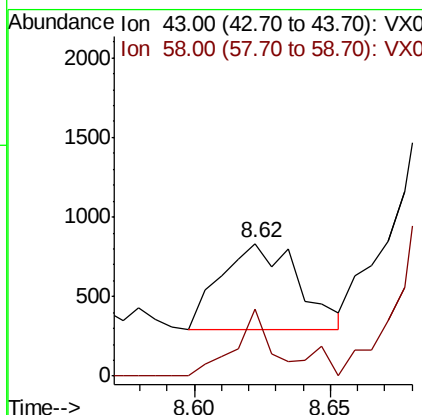
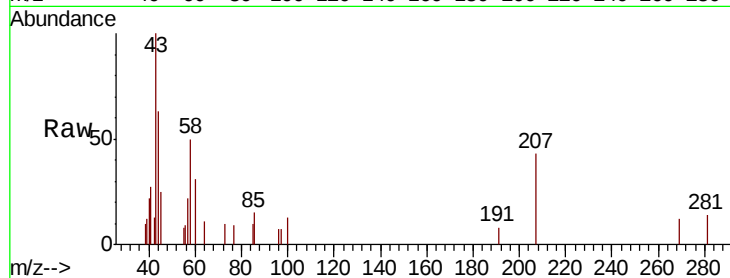




#51
4-Methyl-2-Pentanone
Concen: 0.280 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX016909.D
Acq: 20 Jun 2020 05:30

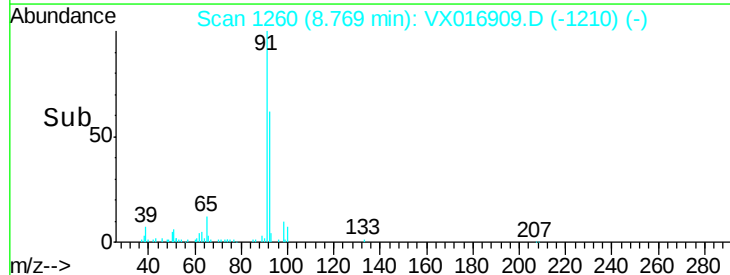
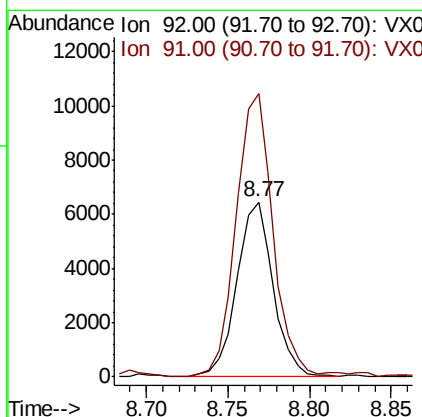
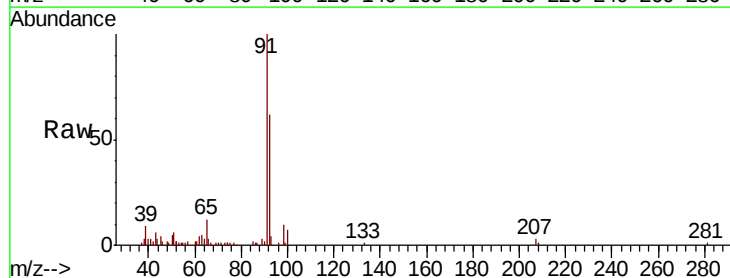
Instrument :
MSVOA_X
ClientSampled :
TW-12

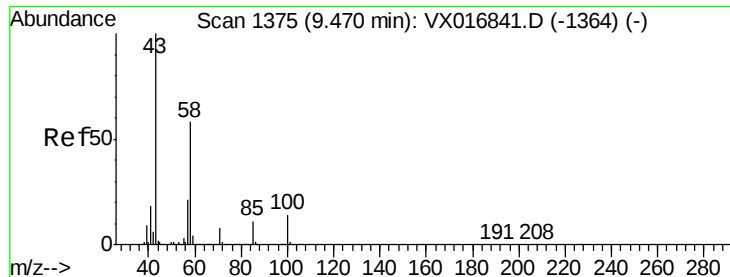
Tot Ion: 43 Resp: 1080
Ion Ratio Lower Upper
43 100
58 38.1 34.3 51.5



#52
Toluene
Concen: 1.212 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. 0.01 min
Lab File: VX016909.D
Acq: 20 Jun 2020 05:30

Tgt Ion: 92 Resp: 10011
Ion Ratio Lower Upper
92 100
91 167.0 134.2 201.2

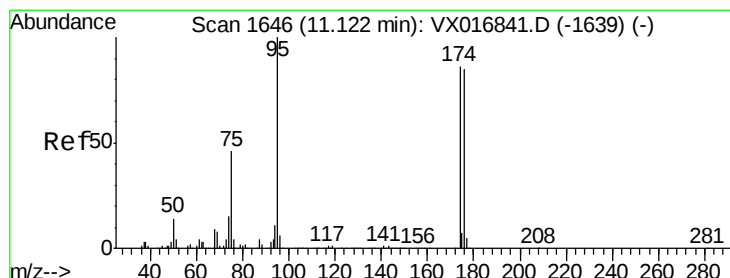
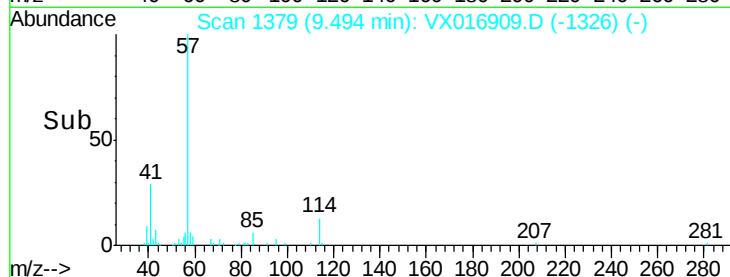
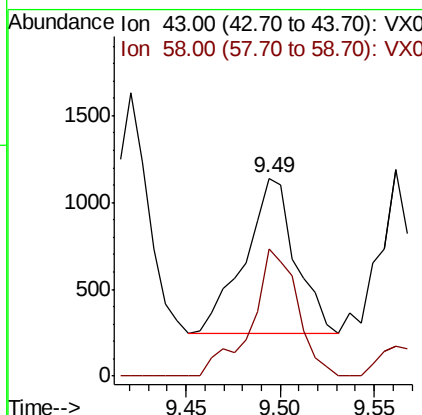
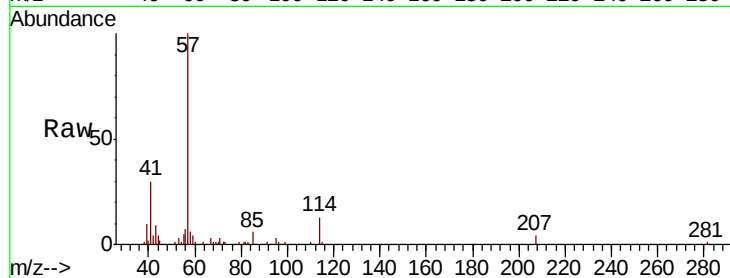




#59
2-Hexanone
Concen: 0.601 ug/l
RT: 9.49 min Scan# 1379
Delta R.T. 0.03 min
Lab File: VX016909.D
Acq: 20 Jun 2020 05:30

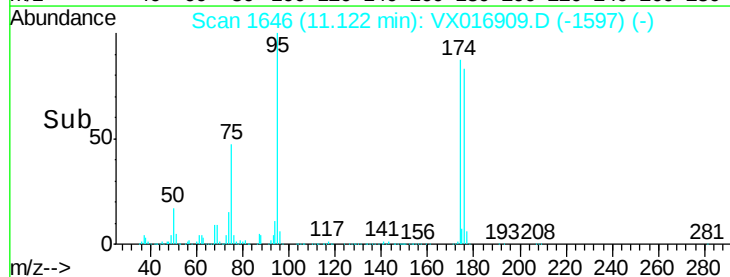
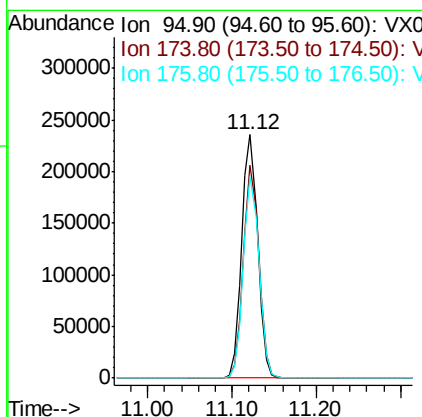
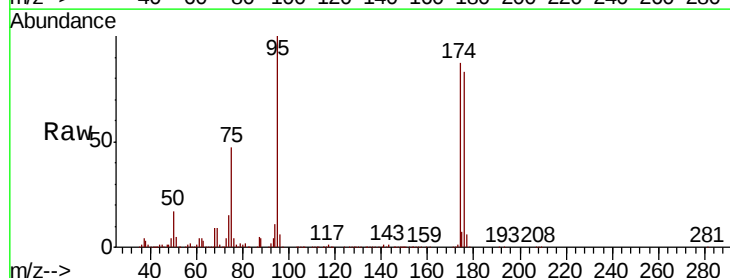
Instrument :
MSVOA_X
ClientSampleId :
TW-12

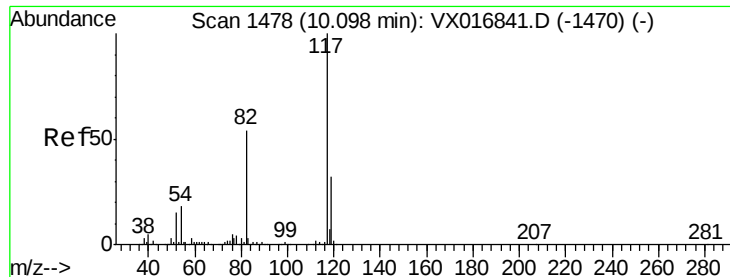
Tot Ion: 43 Resp: 1677
Ion Ratio Lower Upper
43 100
58 73.5 29.8 89.4



#62
4-Bromofluorobenzene
Concen: 66.986 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016909.D
Acq: 20 Jun 2020 05:30

Tgt Ion: 95 Resp: 295216
Ion Ratio Lower Upper
95 100
174 85.5 0.0 174.2
176 81.6 0.0 170.0

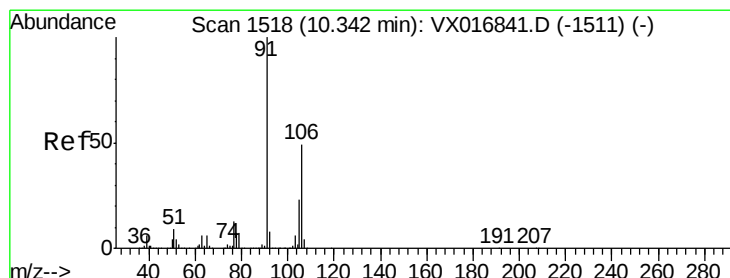
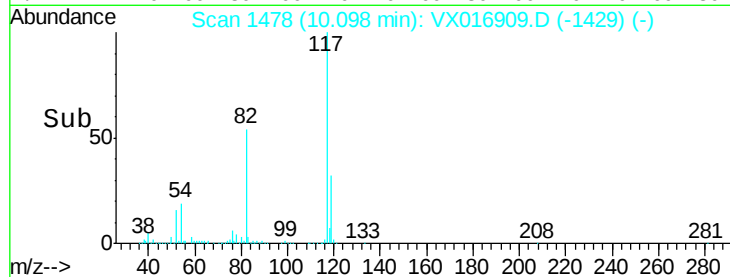
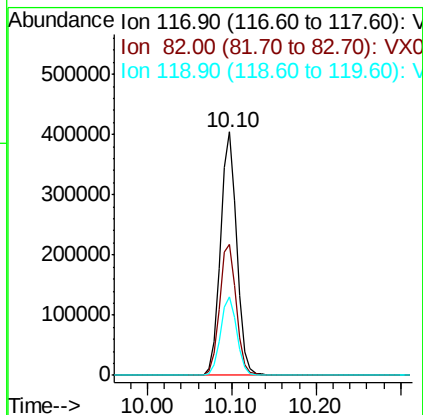
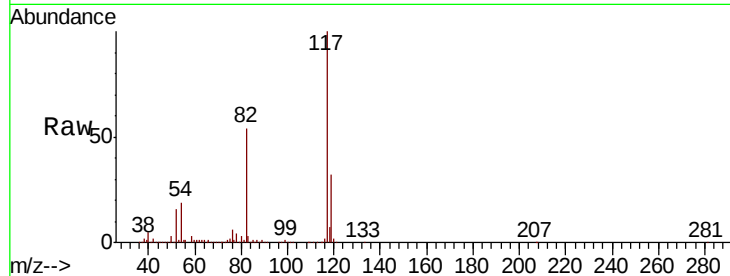




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016909.D
Acq: 20 Jun 2020 05:30

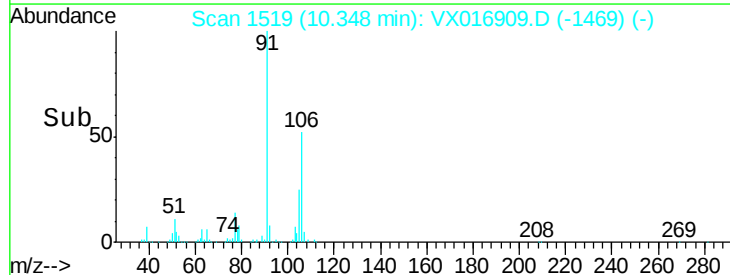
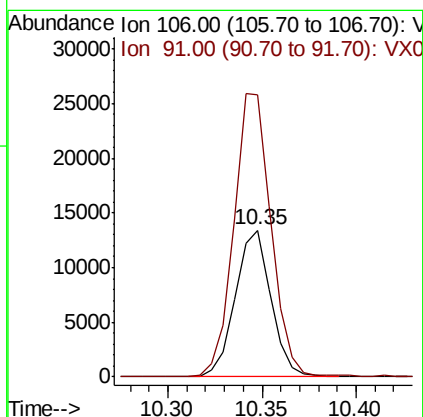
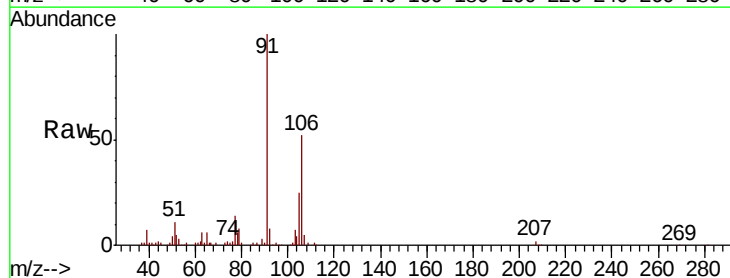
Instrument :
MSVOA_X
ClientSampleId :
TW-12

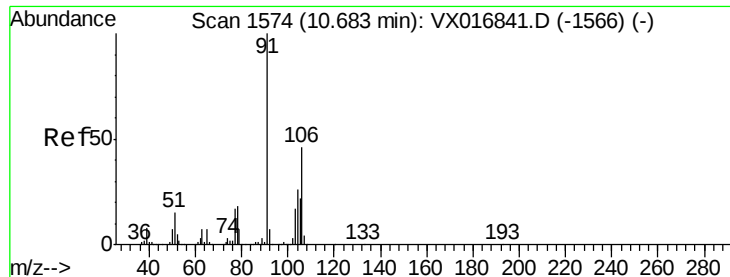
Tot Ion:117 Resp: 541969
Ion Ratio Lower Upper
117 100
82 53.7 43.4 65.0
119 32.2 25.7 38.5



#68
m/p-Xylenes
Concen: 2.437 ug/l
RT: 10.35 min Scan# 1519
Delta R.T. 0.01 min
Lab File: VX016909.D
Acq: 20 Jun 2020 05:30

Tgt Ion:106 Resp: 17561
Ion Ratio Lower Upper
106 100
91 203.1 161.5 242.3

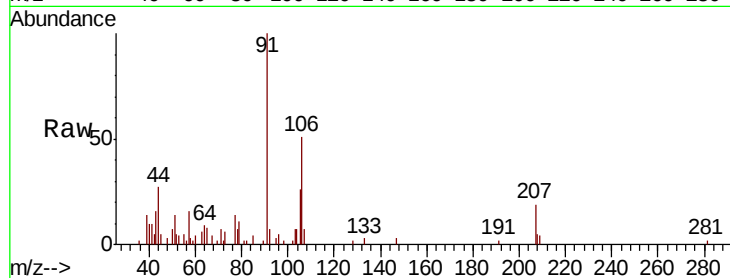




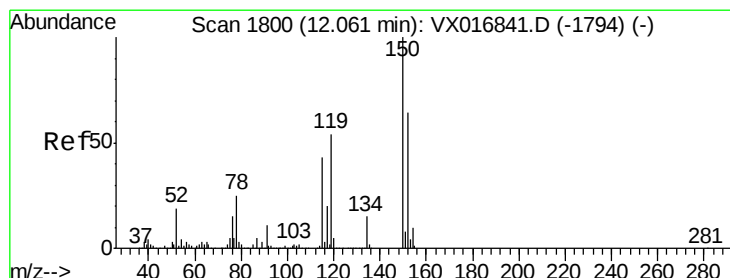
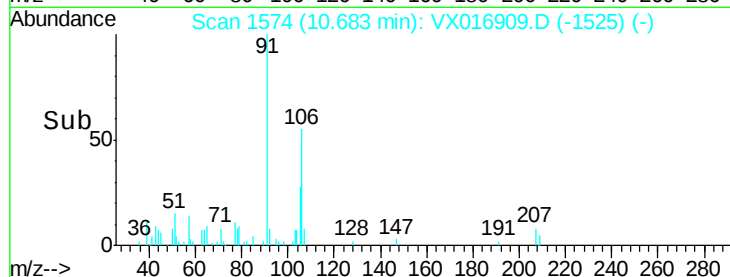
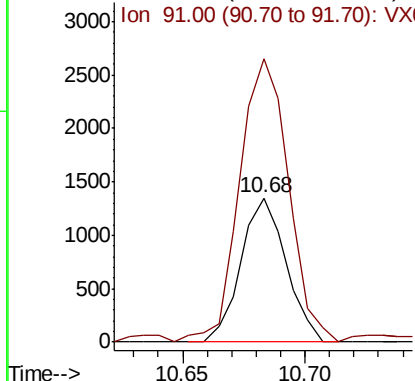
#69
o-Xylene
Concen: 0.261 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016909.D
Acq: 20 Jun 2020 05:30

Instrument :
MSVOA_X
ClientSampleId :
TW-12

Tot Ion:106 Resp: 1738
Ion Ratio Lower Upper
106 100
91 212.9 107.9 323.7

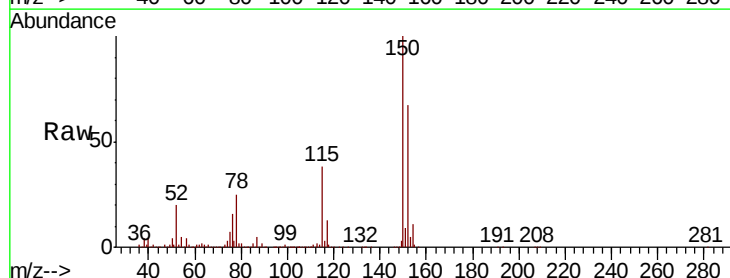


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

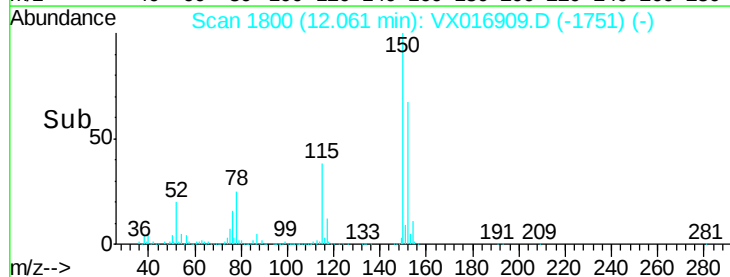
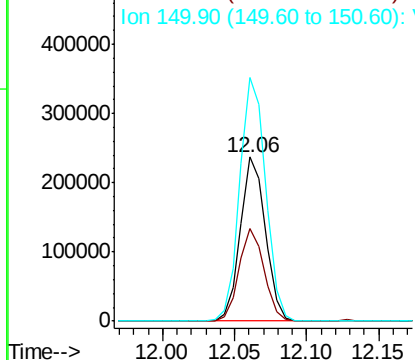


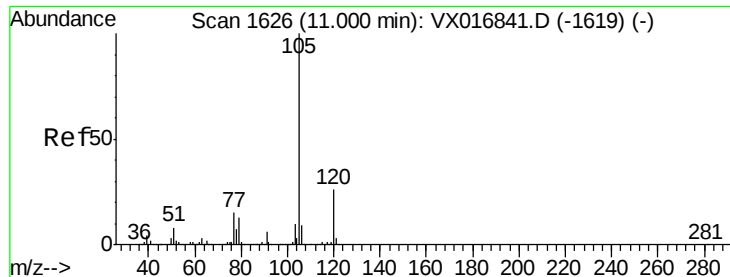
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016909.D
Acq: 20 Jun 2020 05:30

Tgt Ion:152 Resp: 287095
Ion Ratio Lower Upper
152 100
115 56.1 40.9 122.8
150 153.1 0.0 344.2



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: 14.376 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016909.D

Acq: 20 Jun 2020 05:30

Instrument :

MSVOA_X

ClientSampleId :

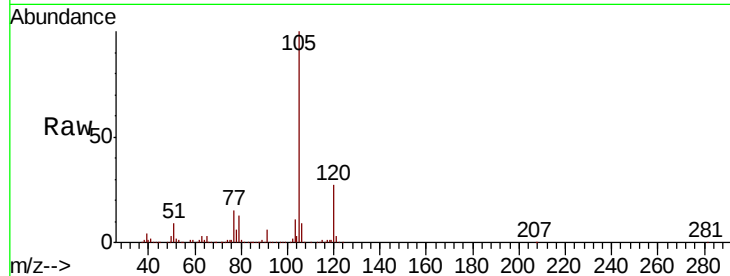
TW-12

Tot Ion:105 Resp: 265728

Ion Ratio Lower Upper

105 100

120 26.8 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

100000

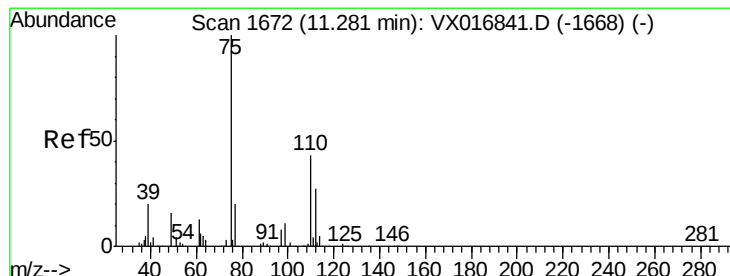
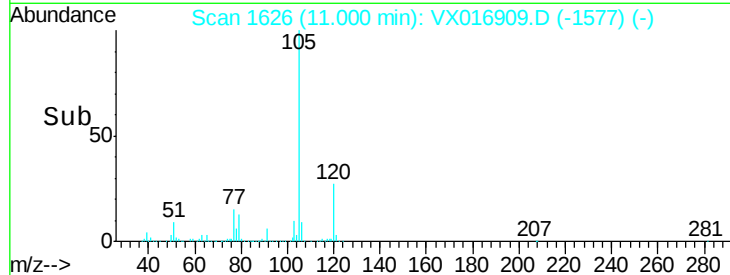
50000

0

11.00

10.95 11.00 11.05

Time-->



#76

1,2,3-Trichloropropane

Concen: 26.805 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX016909.D

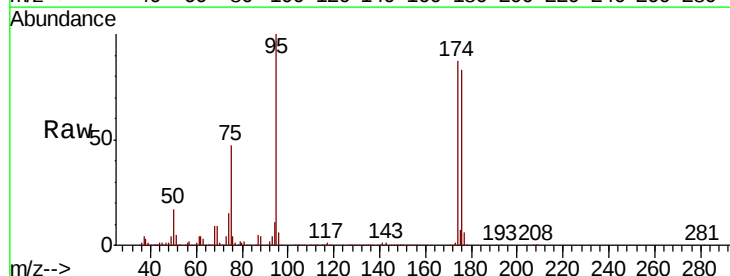
Acq: 20 Jun 2020 05:30

Tgt Ion: 75 Resp: 140548

Ion Ratio Lower Upper

75 100

77 1.3 20.5 61.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

120000

100000

80000

60000

40000

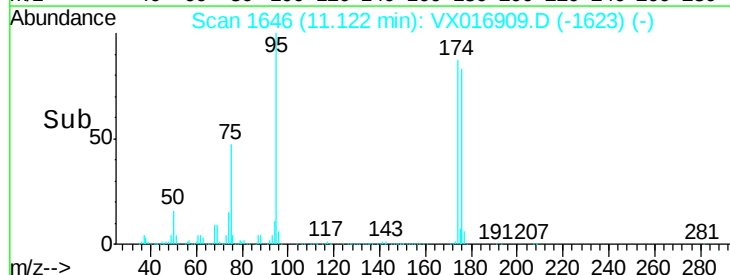
20000

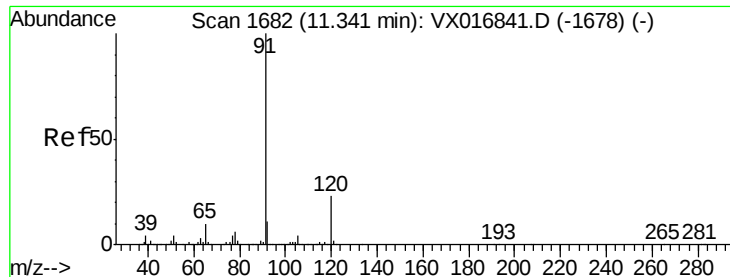
0

11.12

11.10 11.20

Time-->





#78

n-propylbenzene

Concen: 12.037 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016909.D

Acq: 20 Jun 2020 05:30

Instrument :

MSVOA_X

ClientSampleId :

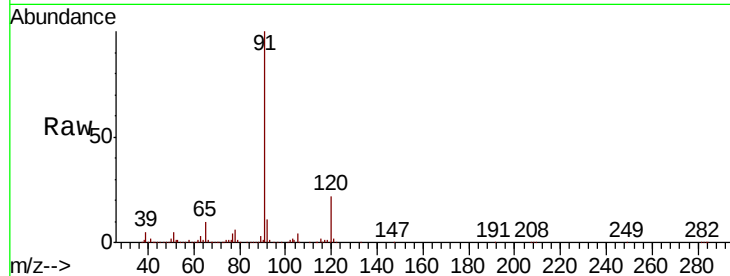
TW-12

Tot Ion: 91 Resp: 248322

Ion Ratio Lower Upper

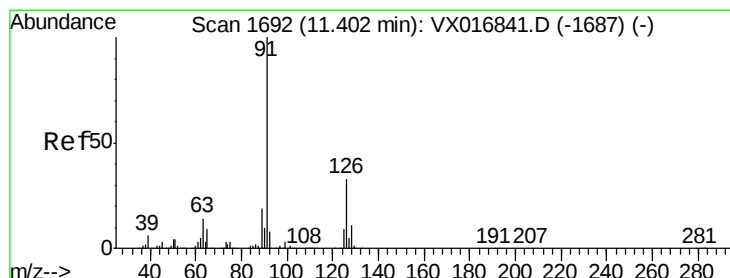
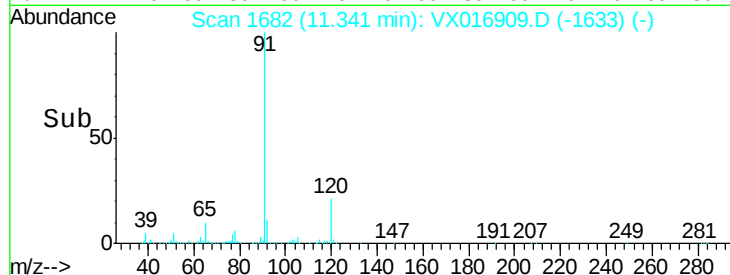
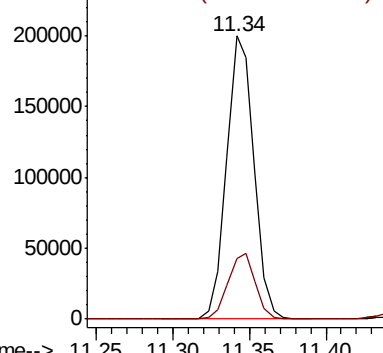
91 100

120 23.2 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 19.674 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.06 min

Lab File: VX016909.D

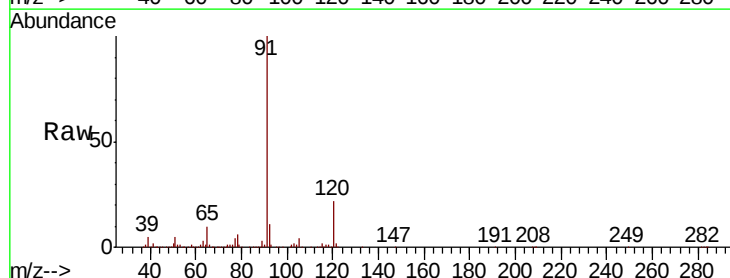
Acq: 20 Jun 2020 05:30

Tgt Ion: 91 Resp: 248322

Ion Ratio Lower Upper

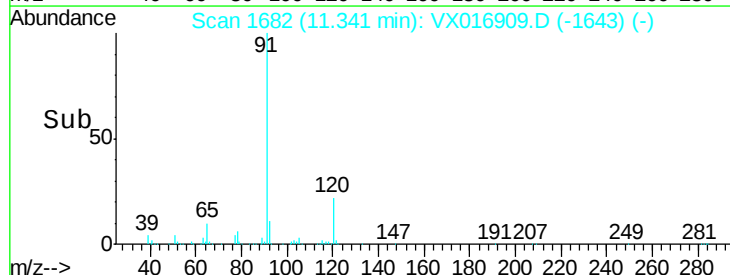
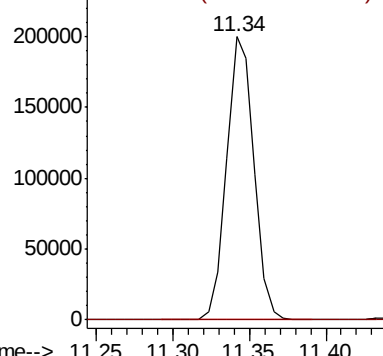
91 100

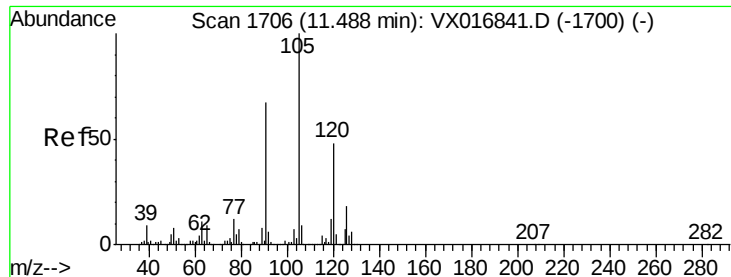
126 0.0 17.2 51.5#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

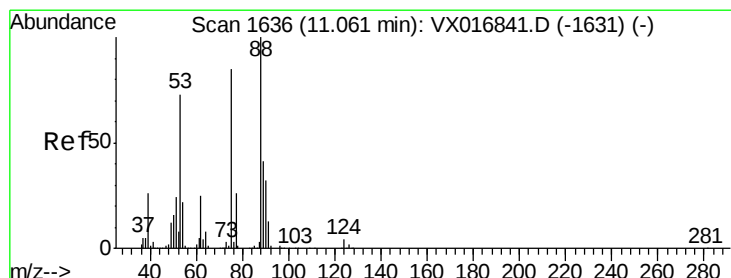
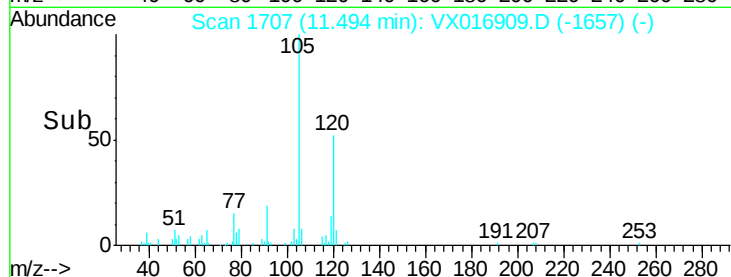
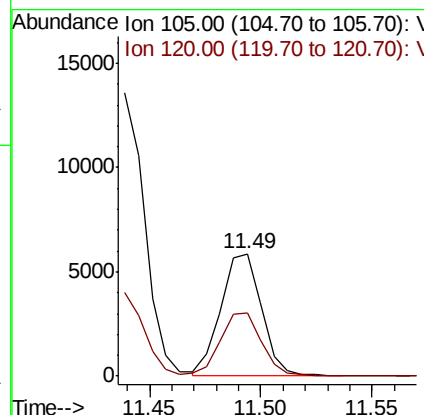
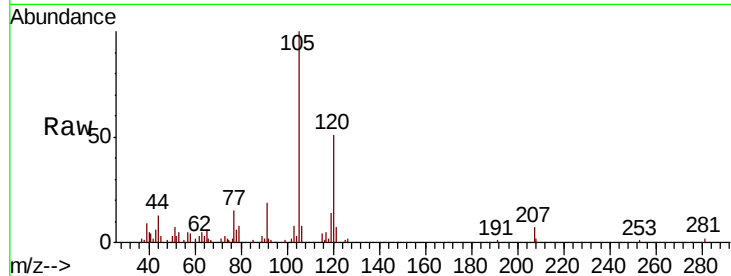




#80
 1,3,5-Trimethylbenzene
 Concen: 0.469 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. 0.01 min
 Lab File: VX016909.D
 Acq: 20 Jun 2020 05:30

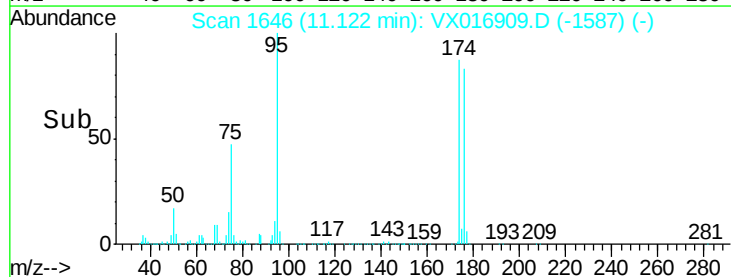
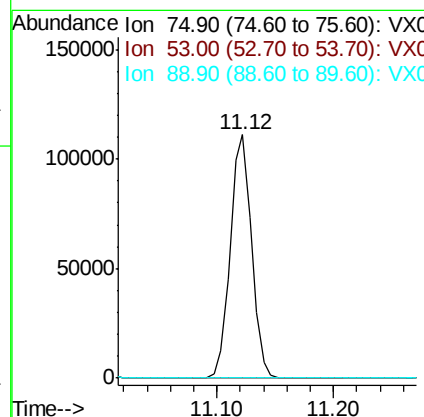
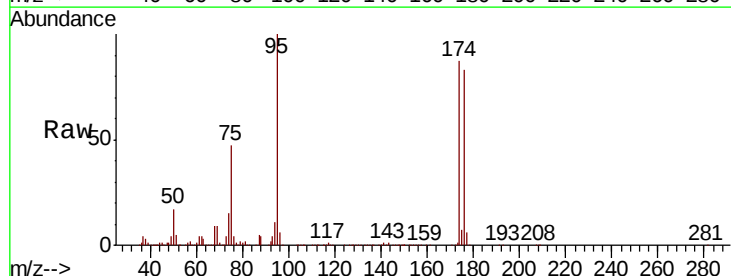
Instrument :
 MSVOA_X
 ClientSampleId :
 TW-12

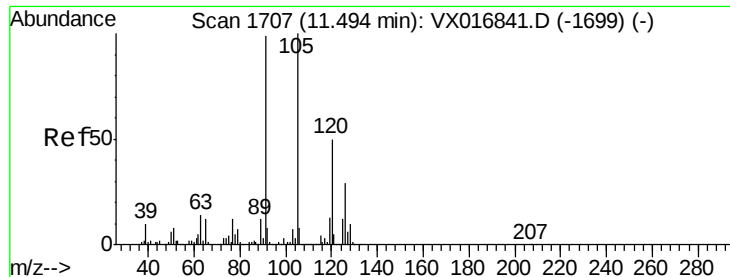
Tot Ion:105 Resp: 7485
 Ion Ratio Lower Upper
 105 100
 120 52.4 24.6 74.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.642 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.06 min
 Lab File: VX016909.D
 Acq: 20 Jun 2020 05:30

Tgt Ion: 75 Resp: 140548
 Ion Ratio Lower Upper
 75 100
 53 0.2 69.8 104.8#
 89 0.0 38.3 57.5#

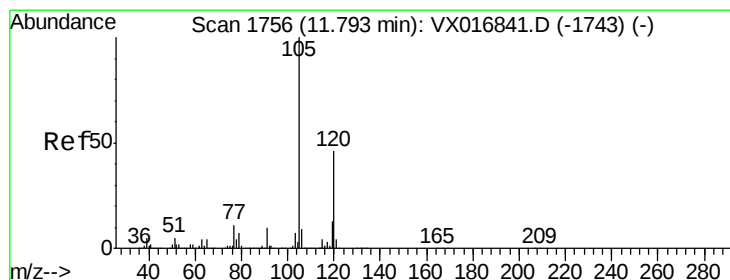
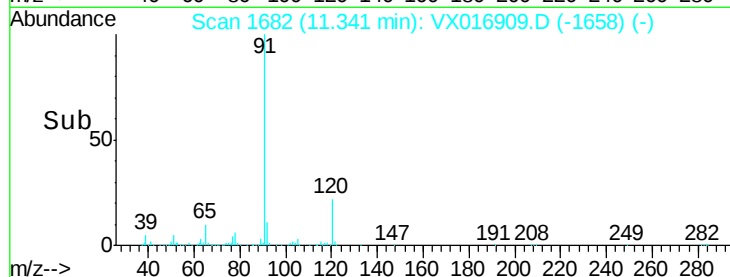
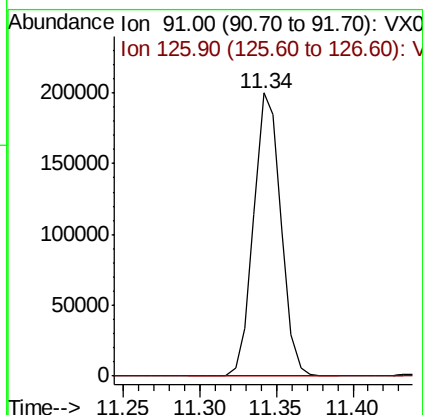
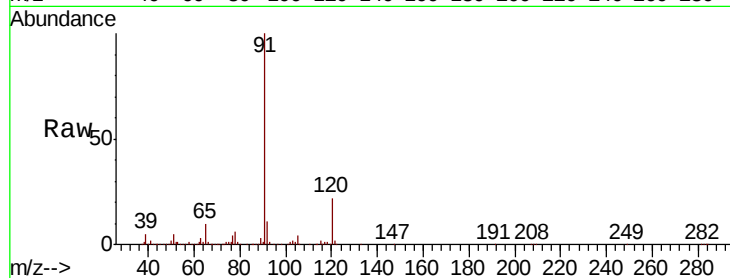




#82
4-Chlorotoluene
Concen: 16.399 ug/l
RT: 11.34 min Scan# 1682
Delta R.T. -0.15 min
Lab File: VX016909.D
Acq: 20 Jun 2020 05:30

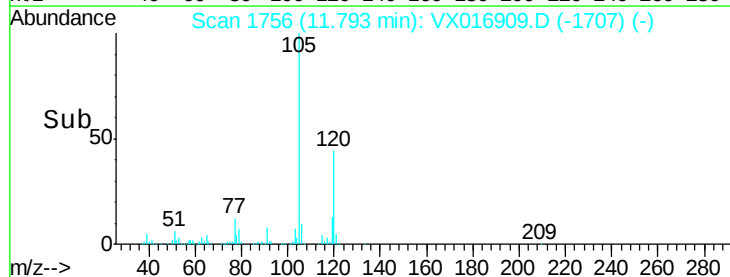
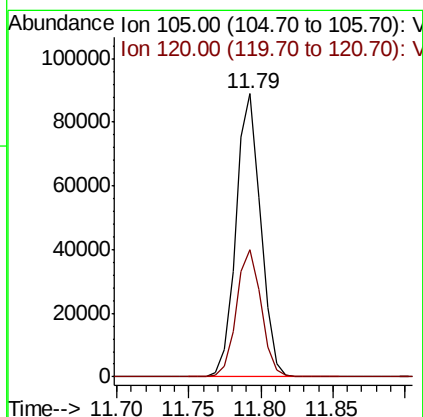
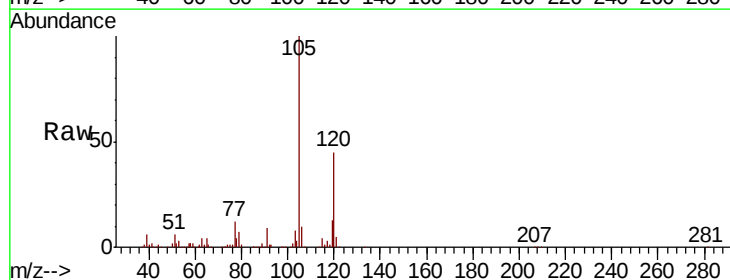
Instrument :
MSVOA_X
ClientSampleId :
TW-12

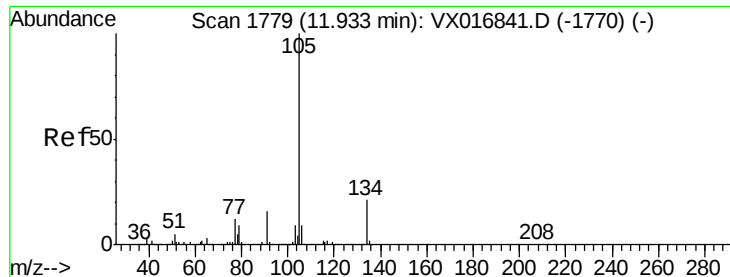
Tot Ion: 91 Resp: 248322
Ion Ratio Lower Upper
91 100
126 0.0 15.0 45.0#



#84
1,2,4-Trimethylbenzene
Concen: 6.487 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX016909.D
Acq: 20 Jun 2020 05:30

Tgt Ion:105 Resp: 106567
Ion Ratio Lower Upper
105 100
120 45.0 22.3 66.9

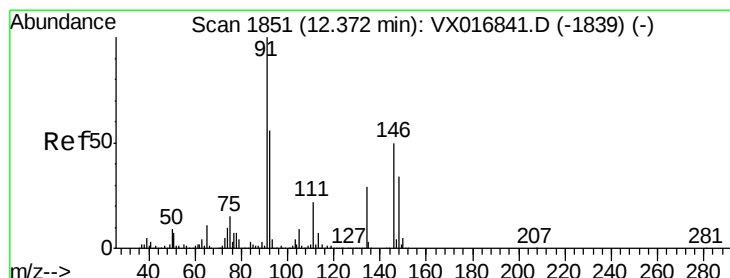
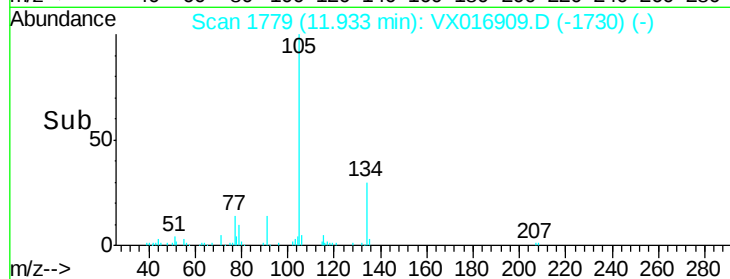
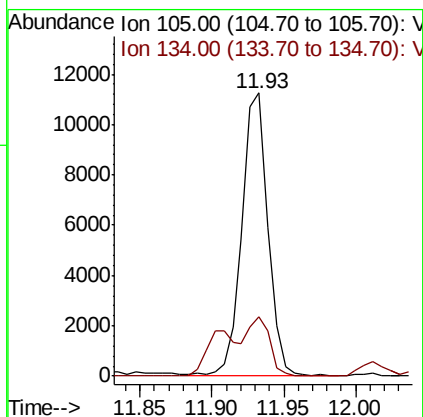
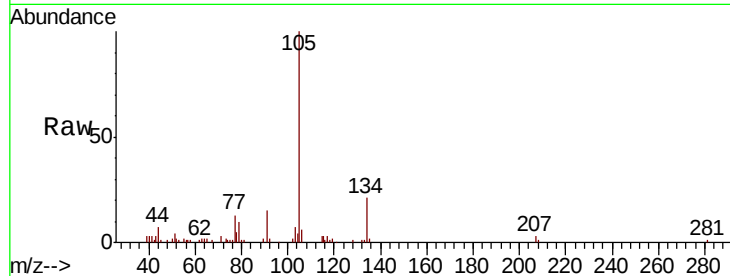




#85
 sec-Butylbenzene
 Concen: 0.771 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX016909.D
 Acq: 20 Jun 2020 05:30

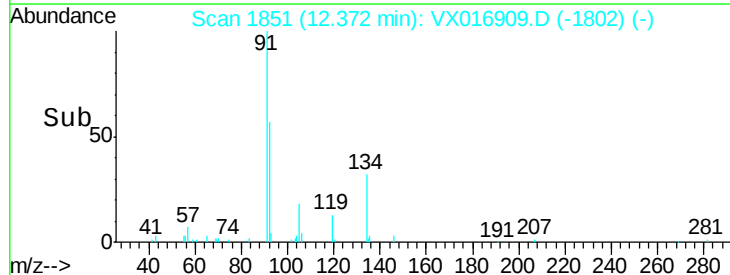
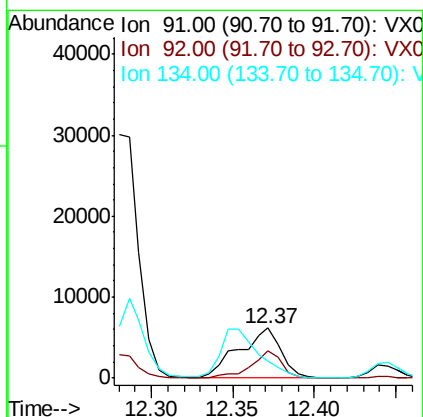
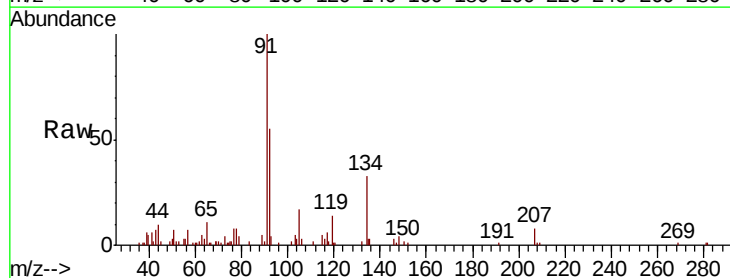
Instrument :
 MSVOA_X
 ClientSampleId :
 TW-12

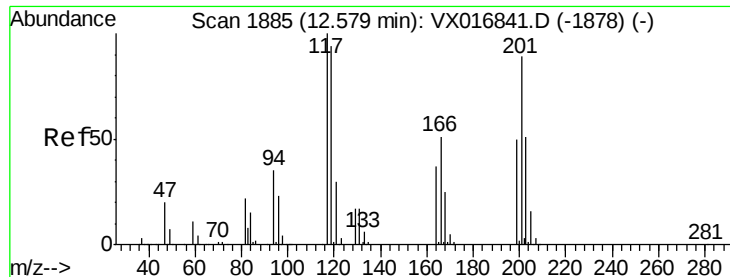
Tot Ion: 105 Resp: 14139
 Ion Ratio Lower Upper
 105 100
 134 16.9 10.4 31.2



#89
 n-Butylbenzene
 Concen: 0.785 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: VX016909.D
 Acq: 20 Jun 2020 05:30

Tgt Ion: 91 Resp: 11297
 Ion Ratio Lower Upper
 91 100
 92 38.3 27.4 82.2
 134 89.0 13.9 41.6#





#90

Hexachloroethane

Concen: 2.240 ug/l

RT: 12.65 min Scan# 1897

Delta R.T. 0.07 min

Lab File: VX016909.D

Acq: 20 Jun 2020 05:30

Instrument :

MSVOA_X

ClientSampled :

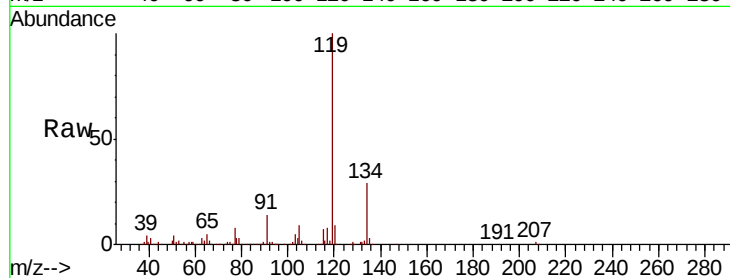
TW-12

Tot Ion:117 Resp: 6775

Ion Ratio Lower Upper

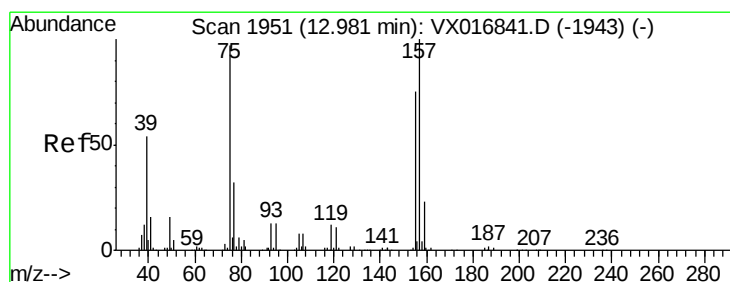
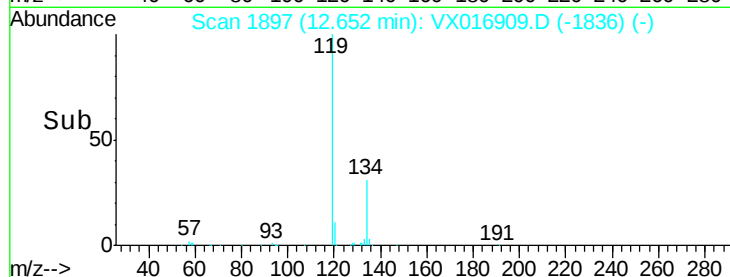
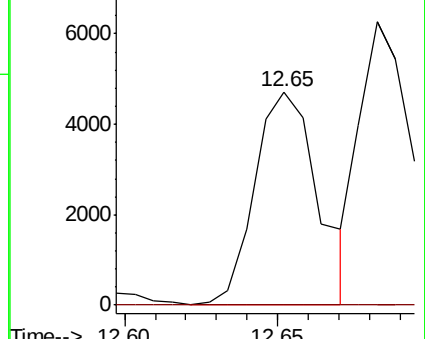
117 100

201 0.0 44.9 134.5#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.242 ug/l

RT: 13.00 min Scan# 1954

Delta R.T. 0.02 min

Lab File: VX016909.D

Acq: 20 Jun 2020 05:30

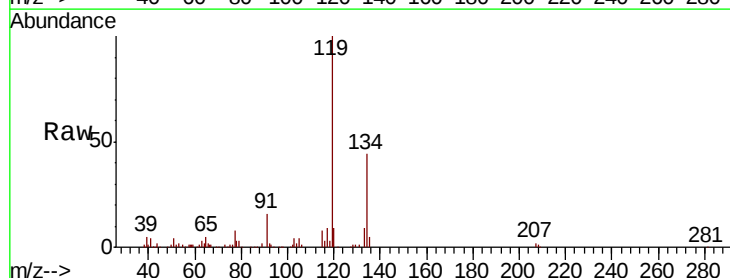
Tgt Ion: 75 Resp: 300

Ion Ratio Lower Upper

75 100

155 0.0 46.4 139.1#

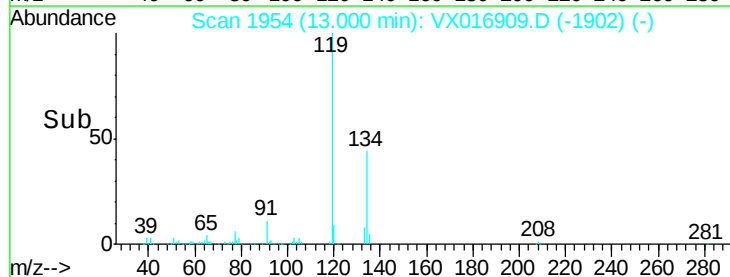
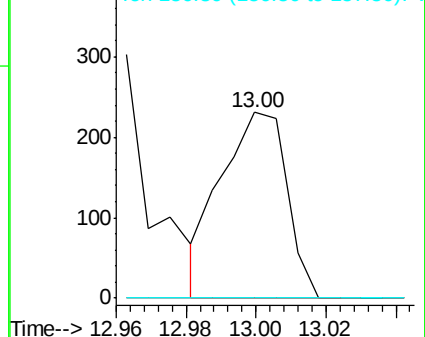
157 0.0 58.6 175.8#

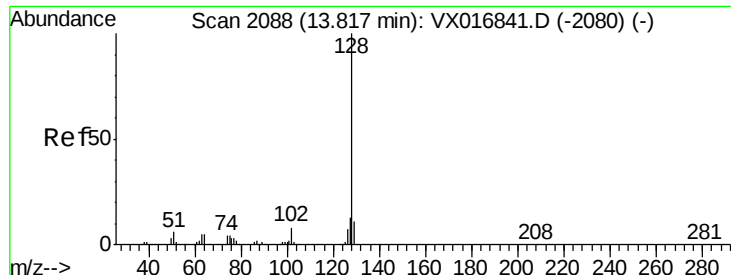


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95
Naphthalene
Concen: 4.737 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016909.D
Acq: 20 Jun 2020 05:30

Instrument :
MSVOA_X
ClientSampleId :
TW-12

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.4	15.6
129	10.9	8.6	13.0

