

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020822\
 Data File : VX026821.D
 Acq On : 08 Feb 2022 14:51
 Operator : JC/MD
 Sample : N1405-05 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 143-144

Quant Time: Feb 09 03:03:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

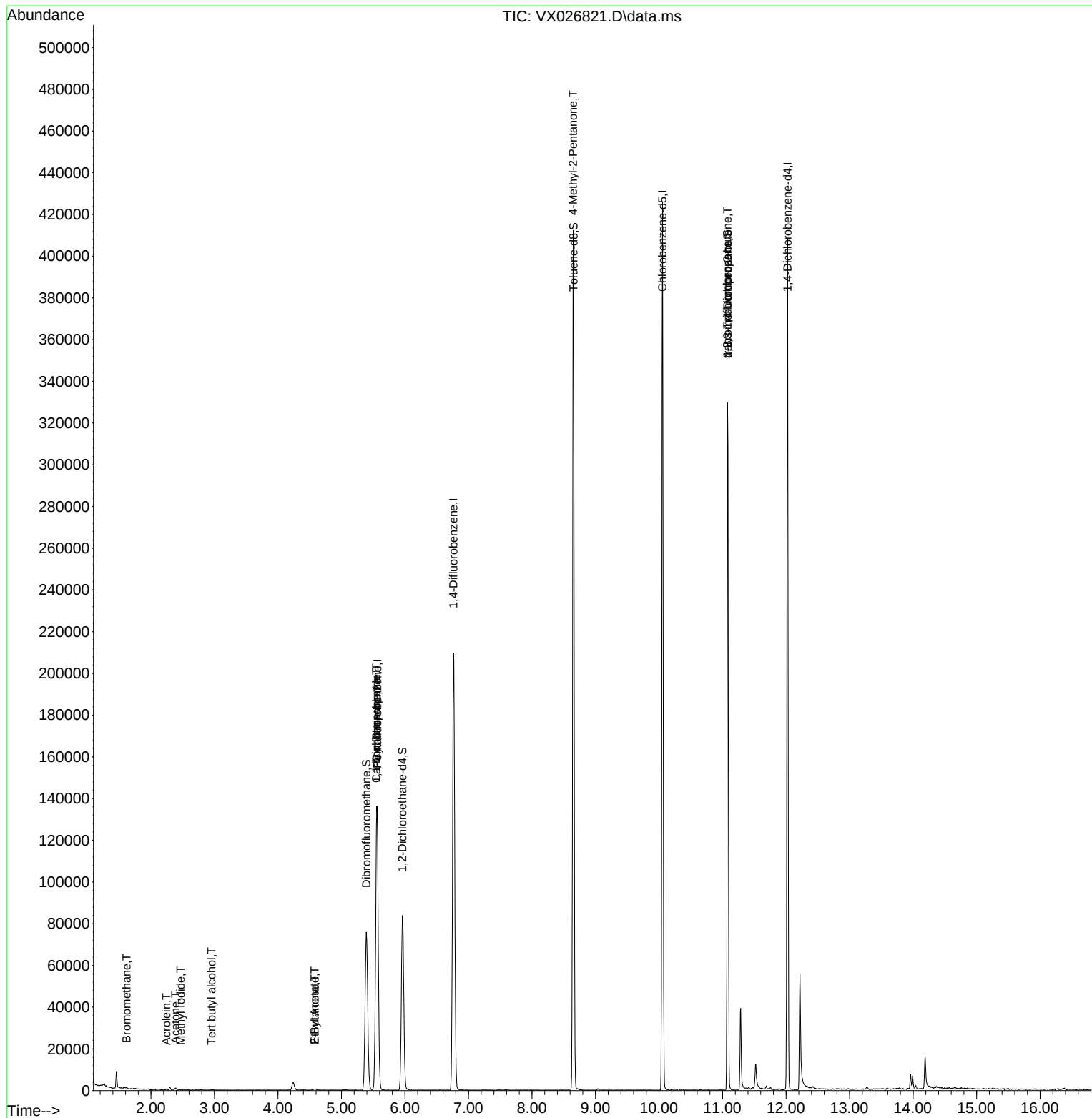
Internal Standards						
1) Pentafluorobenzene	5.562	168	131397	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	217935	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	191743	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85090	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	81873	51.907	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.820%	
35) Dibromofluoromethane	5.391	113	67472	51.965	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.940%	
50) Toluene-d8	8.653	98	250230	52.502	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.000%	
62) 4-Bromofluorobenzene	11.079	95	90779	54.100	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 108.200%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	176	0.298	ug/l #	72
10) Methyl Iodide	2.465	142	265	2.390	ug/l #	71
11) Tert butyl alcohol	2.953	59	101	0.354	ug/l #	75
13) Acrolein	2.239	56	182	0.691	ug/l #	77
16) Acetone	2.386	43	1230	1.776	ug/l	90
25) 2-Butanone	4.574	43	1078	0.966	ug/l #	87
31) Cyclohexane	5.556	56	2507	1.000	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	10006	4.885	ug/l #	50
37) Ethyl Acetate	4.574	43	1078	0.463	ug/l #	69
38) Carbon Tetrachloride	5.550	117	13572	6.319	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1057	0.487	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	44463	23.871	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	44463	72.964	ug/l #	3

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

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Sample : N1405-05 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
143-144

Quant Time: Feb 09 03:03:28 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 08 07:07:46 2022
Response via : Initial Calibration

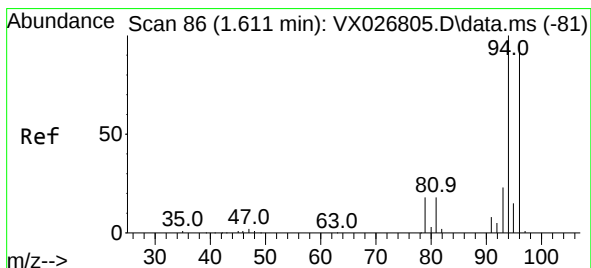
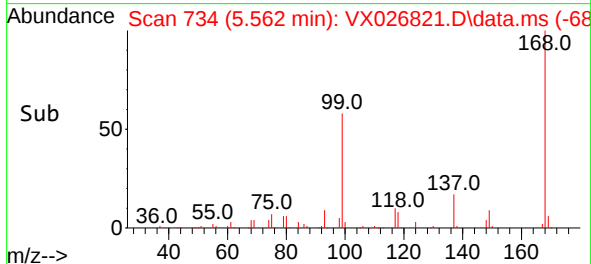
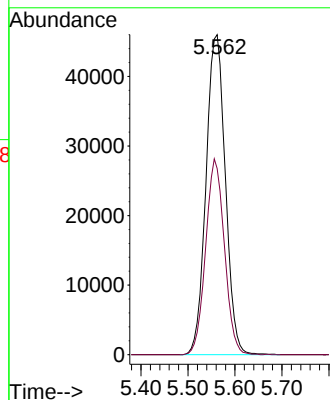
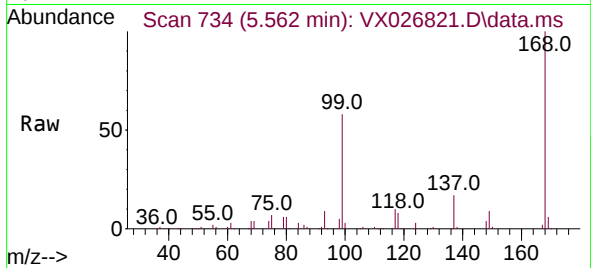




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX026821.D
Acq: 08 Feb 2022 14:51

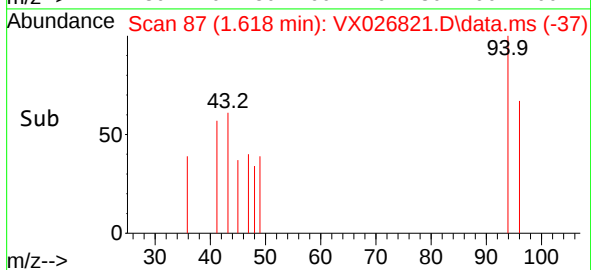
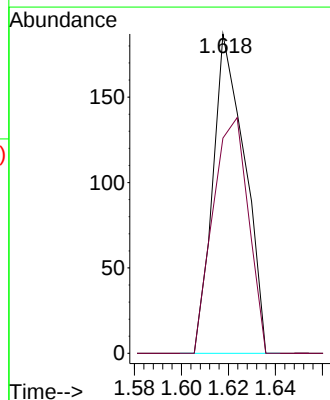
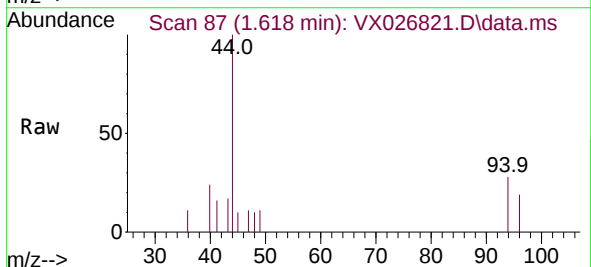
Instrument :
MSVOA_X
ClientSampleId :
143-144

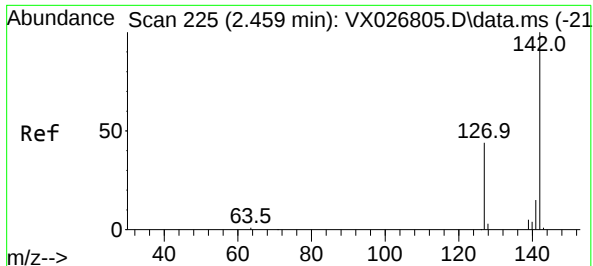
Tgt Ion:168 Resp: 131397
Ion Ratio Lower Upper
168 100
99 58.1 50.3 75.5



#5
Bromomethane
Concen: 0.298 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.006 min
Lab File: VX026821.D
Acq: 08 Feb 2022 14:51

Tgt Ion: 94 Resp: 176
Ion Ratio Lower Upper
94 100
96 67.4 75.9 113.9#

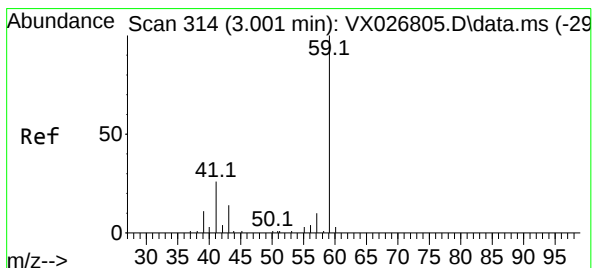
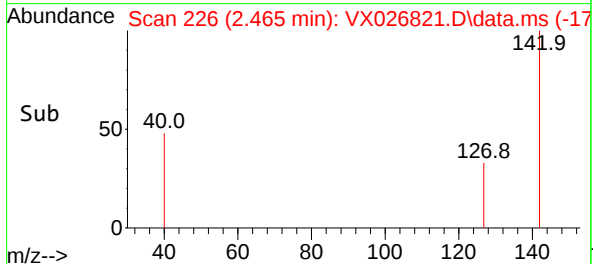
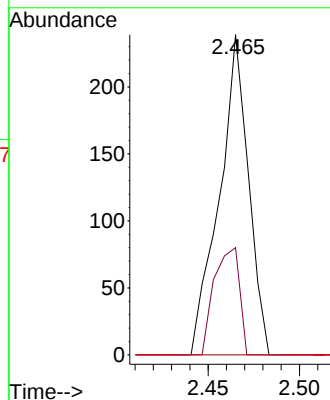
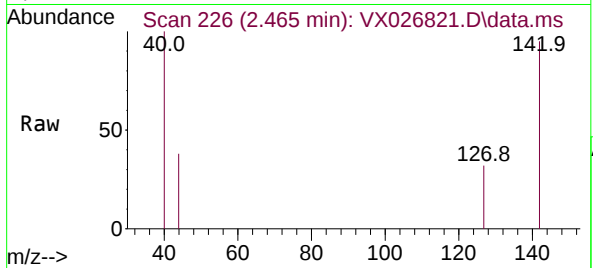




#10
Methyl Iodide
Concen: 2.390 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX026821.D
Acq: 08 Feb 2022 14:51

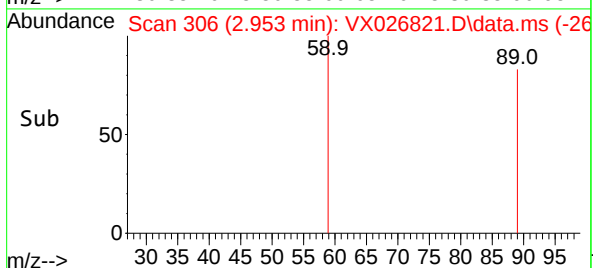
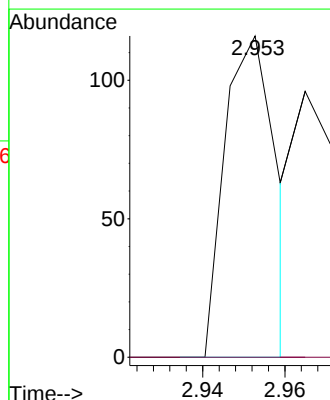
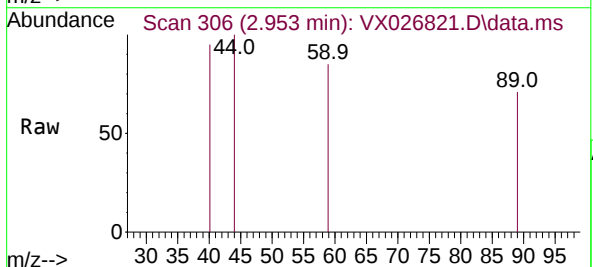
Instrument :
MSVOA_X
ClientSampleId :
143-144

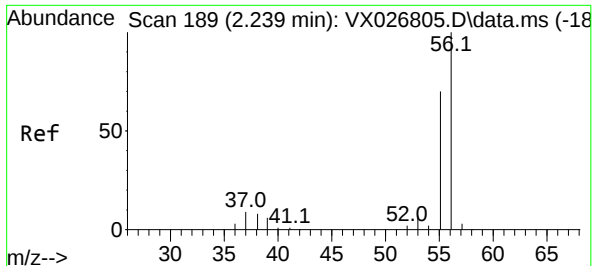
Tgt Ion:142 Resp: 265
Ion Ratio Lower Upper
142 100
127 29.1 38.1 57.1#
141 0.0 11.2 16.8#



#11
Tert butyl alcohol
Concen: 0.354 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.048 min
Lab File: VX026821.D
Acq: 08 Feb 2022 14:51

Tgt Ion: 59 Resp: 101
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#





#13

Acrolein

Concen: 0.691 ug/l

RT: 2.239 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX026821.D

Acq: 08 Feb 2022 14:51

Instrument :

MSVOA_X

ClientSampleId :

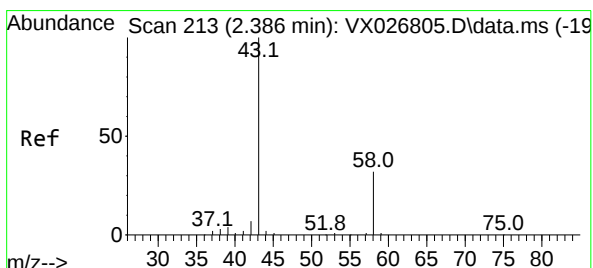
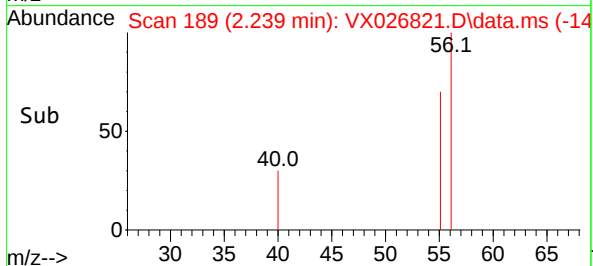
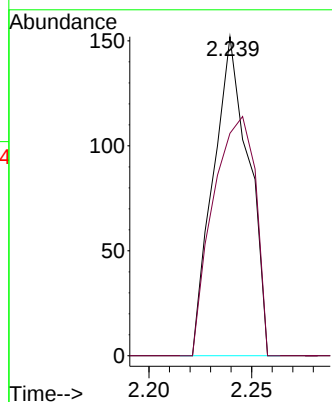
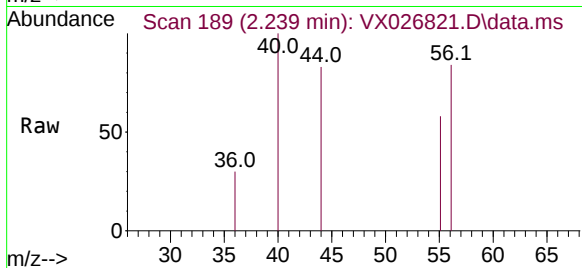
143-144

Tgt Ion: 56 Resp: 182

Ion Ratio Lower Upper

56 100

55 90.1 56.9 85.3#



#16

Acetone

Concen: 1.776 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.000 min

Lab File: VX026821.D

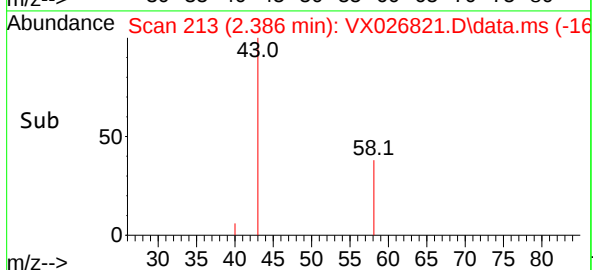
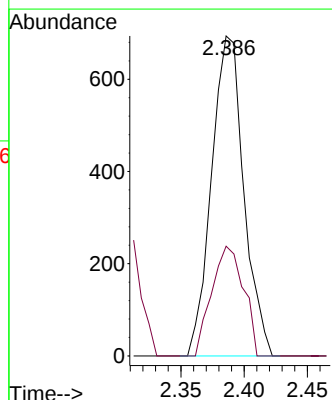
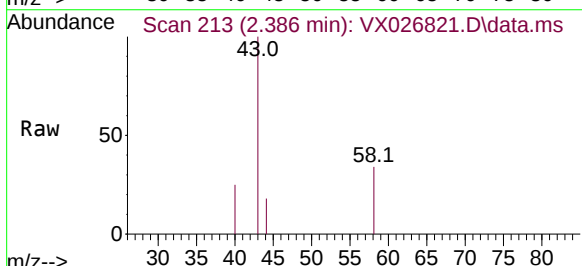
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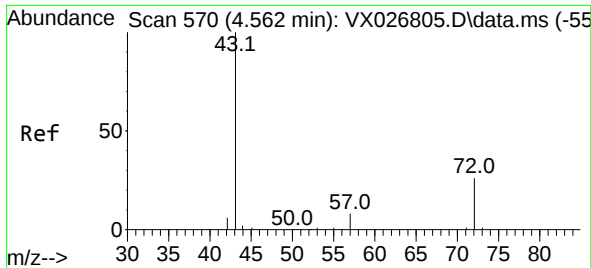
Tgt Ion: 43 Resp: 1230

Ion Ratio Lower Upper

43 100

58 34.3 23.0 34.6

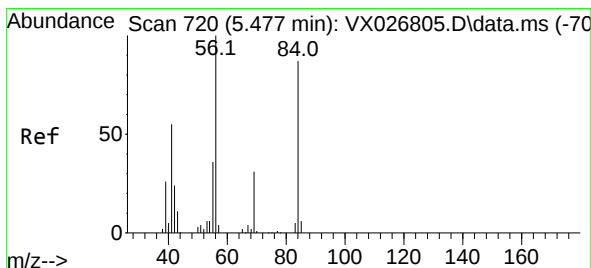
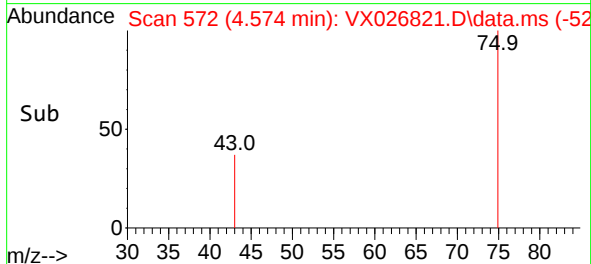
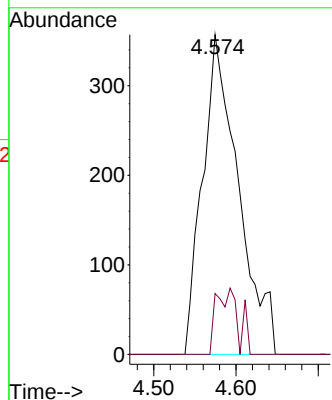
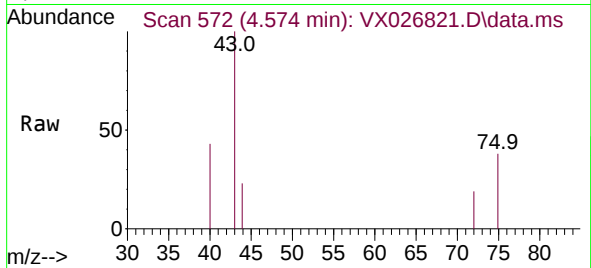




#25
2-Butanone
Concen: 0.966 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX026821.D
Acq: 08 Feb 2022 14:51

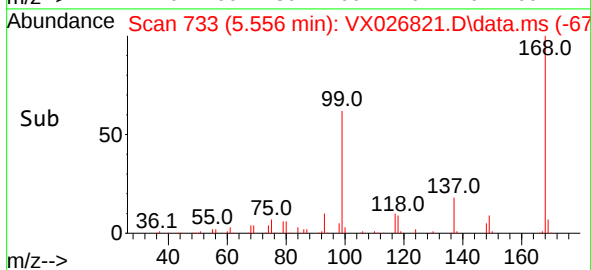
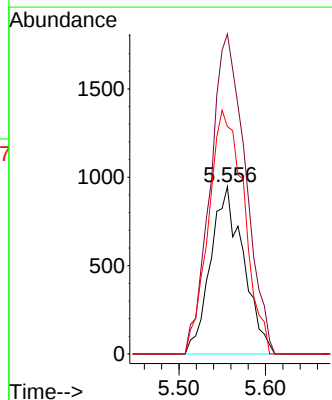
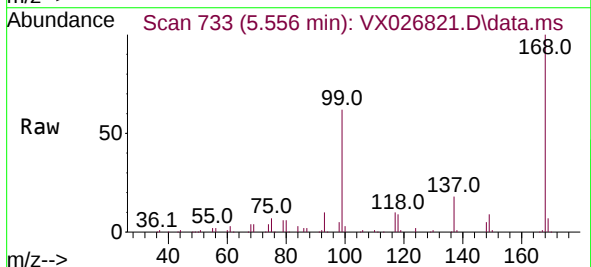
Instrument :
MSVOA_X
ClientSampleId :
143-144

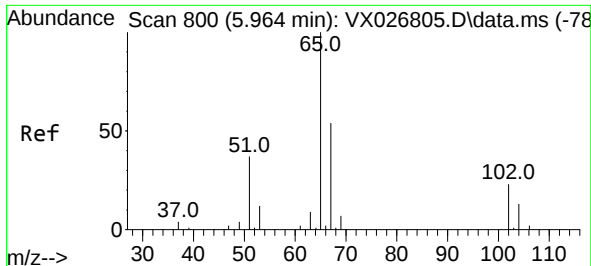
Tgt Ion: 43 Resp: 1078
Ion Ratio Lower Upper
43 100
72 19.0 20.4 30.6#



#31
Cyclohexane
Concen: 1.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX026821.D
Acq: 08 Feb 2022 14:51

Tgt Ion: 56 Resp: 2507
Ion Ratio Lower Upper
56 100
69 191.2 25.8 38.6#
84 135.9 68.9 103.3#

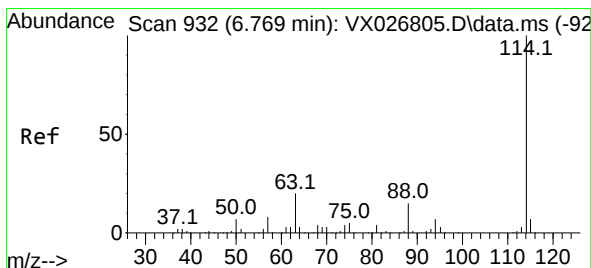
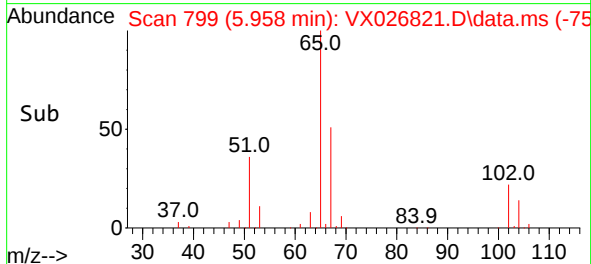
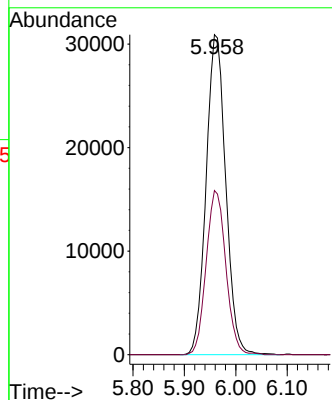
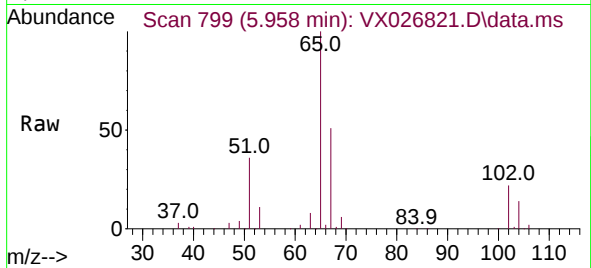




#33
 1,2-Dichloroethane-d4
 Concen: 51.907 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX026821.D
 Acq: 08 Feb 2022 14:51

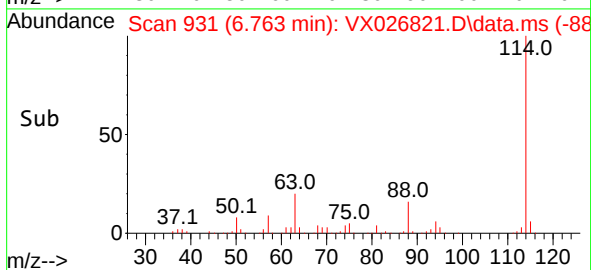
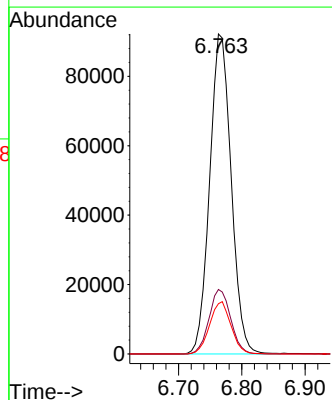
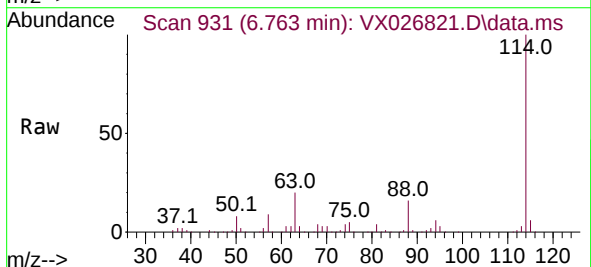
Instrument :
 MSVOA_X
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 143-144

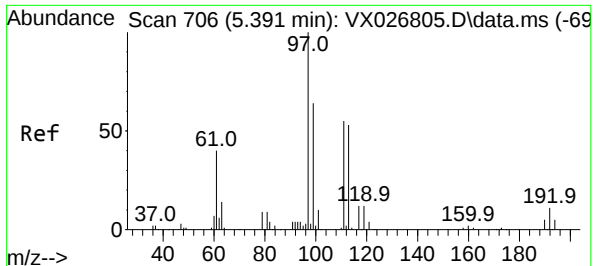
Tgt Ion: 65 Resp: 81873
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.006 min
 Lab File: VX026821.D
 Acq: 08 Feb 2022 14:51

Tgt Ion: 114 Resp: 217935
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 42.8
 88 15.7 0.0 33.0





#35

Dibromofluoromethane

Concen: 51.965 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX026821.D

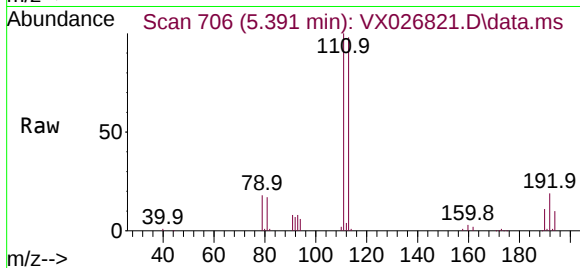
Acq: 08 Feb 2022 14:51

Instrument :

MSVOA_X

ClientSampleId :

143-144



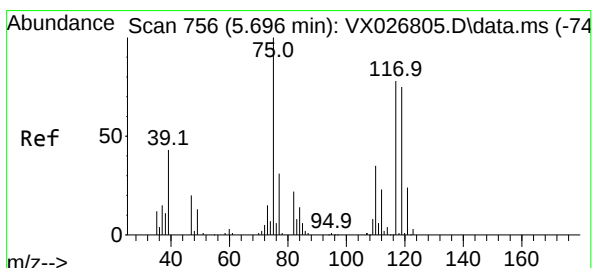
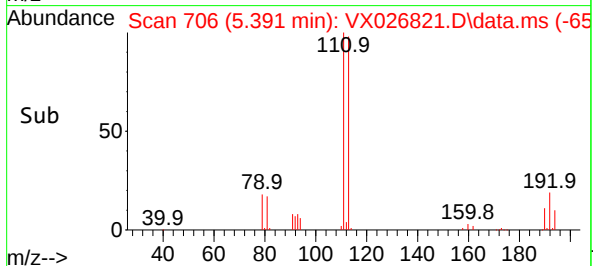
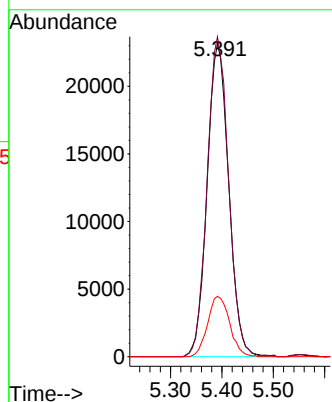
Tgt Ion:113 Resp: 67472

Ion Ratio Lower Upper

113 100

111 101.9 81.2 121.8

192 19.7 15.0 22.4



#36

1,1-Dichloropropene

Concen: 4.885 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX026821.D

Acq: 08 Feb 2022 14:51

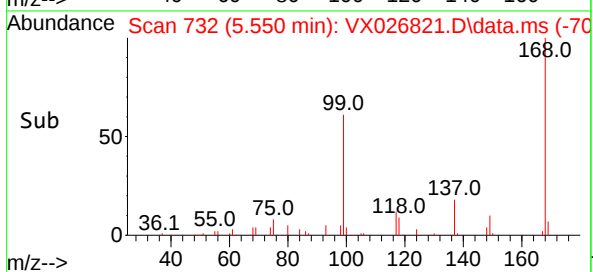
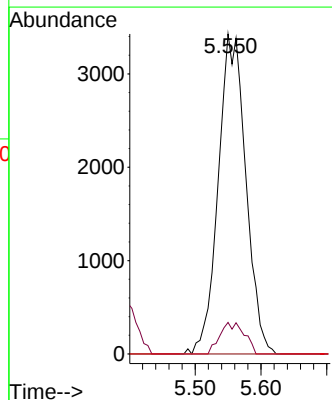
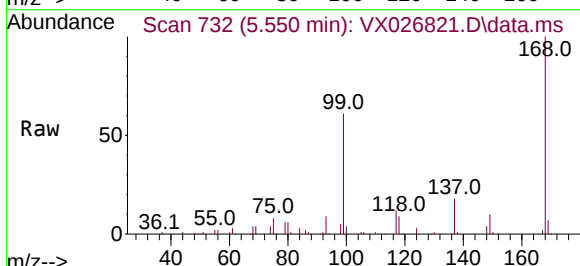
Tgt Ion: 75 Resp: 10006

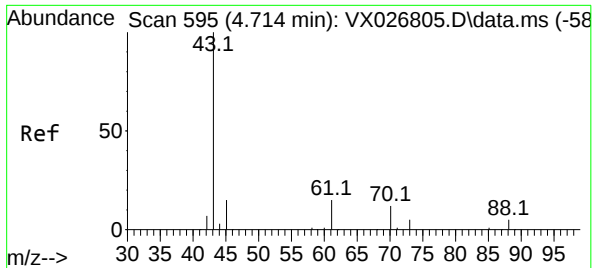
Ion Ratio Lower Upper

75 100

110 8.8 17.2 51.6#

77 0.0 24.6 36.8#

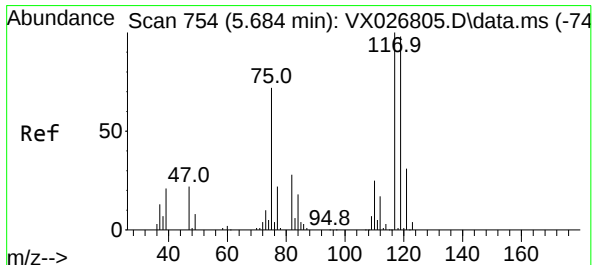
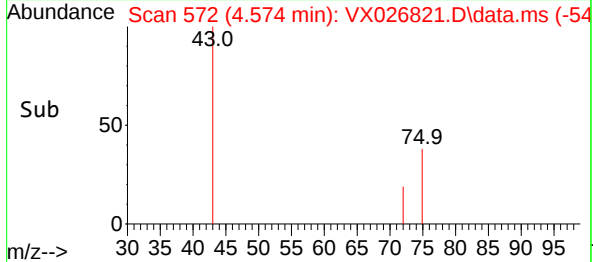
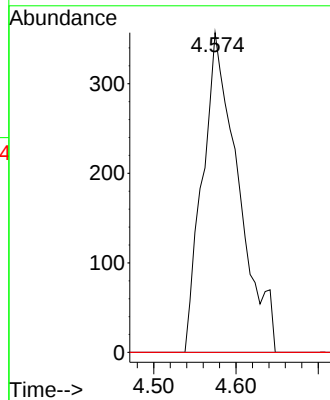
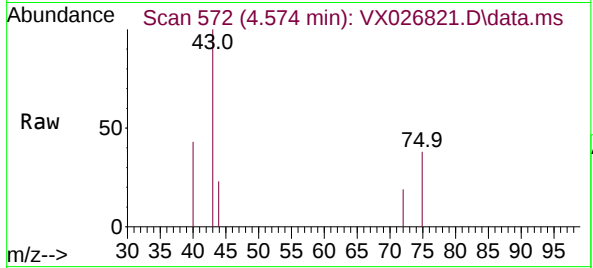




#37
Ethyl Acetate
Concen: 0.463 ug/l
RT: 4.574 min Scan# 51
Delta R.T. -0.140 min
Lab File: VX026821.D
Acq: 08 Feb 2022 14:51

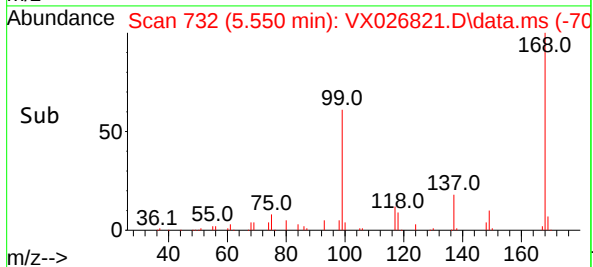
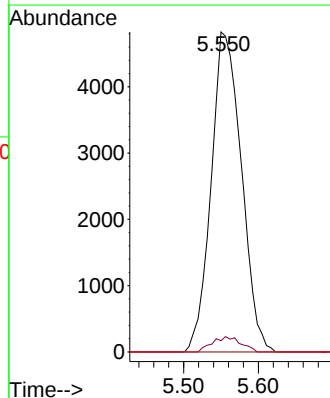
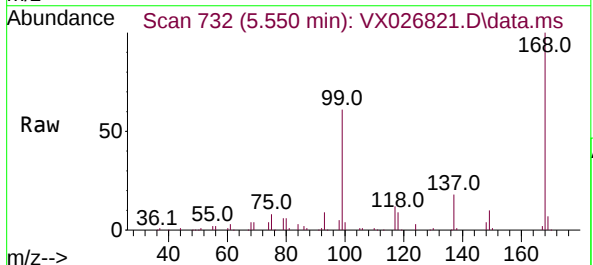
Instrument :
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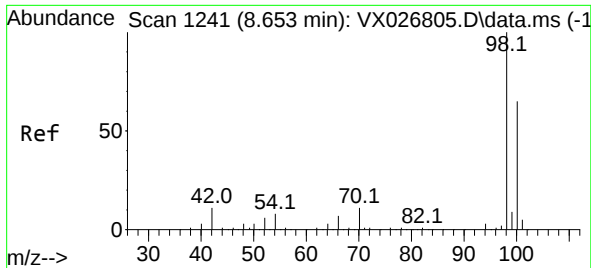
Tgt Ion: 43 Resp: 1078
Ion Ratio Lower Upper
43 100
61 0.0 10.6 16.0#
70 0.0 8.5 12.7#



#38
Carbon Tetrachloride
Concen: 6.319 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX026821.D
Acq: 08 Feb 2022 14:51

Tgt Ion: 117 Resp: 13572
Ion Ratio Lower Upper
117 100
119 3.5 74.7 112.1#
121 0.0 25.4 38.0#

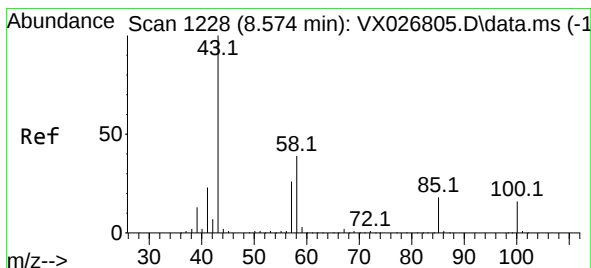
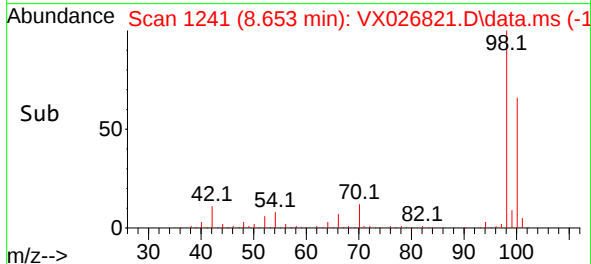
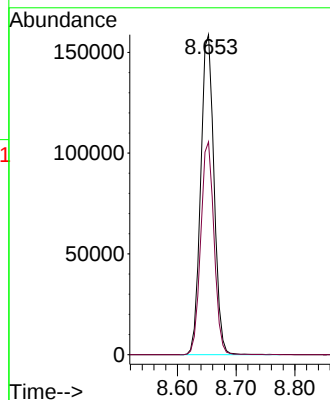
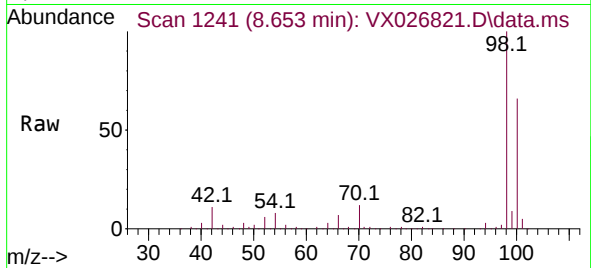




#50
Toluene-d8
Concen: 52.502 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026821.D
Acq: 08 Feb 2022 14:51

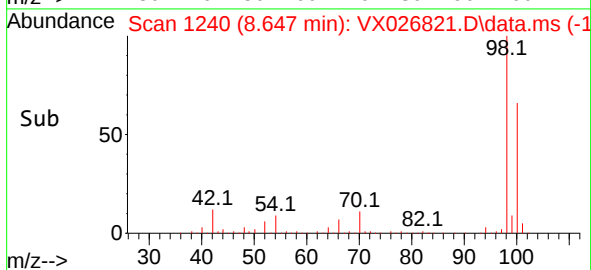
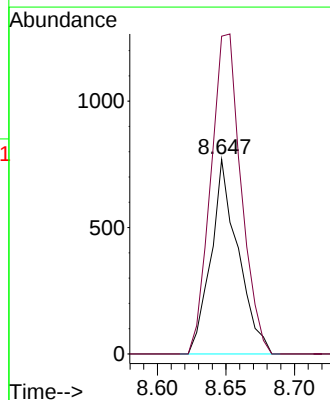
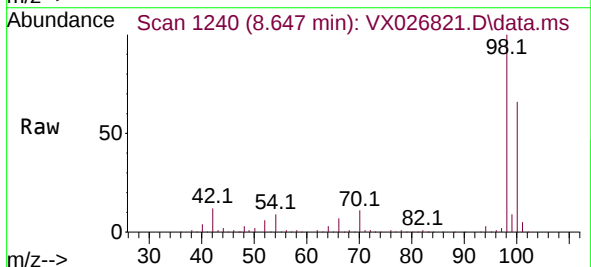
Instrument :
MSVOA_X
ClientSampleId :
143-144

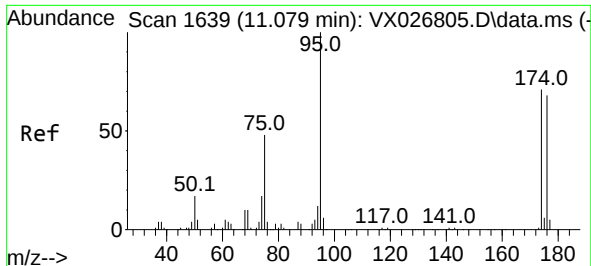
Tgt Ion: 98 Resp: 250230
Ion Ratio Lower Upper
98 100
100 66.4 53.2 79.8



#51
4-Methyl-2-Pentanone
Concen: 0.487 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX026821.D
Acq: 08 Feb 2022 14:51

Tgt Ion: 43 Resp: 1057
Ion Ratio Lower Upper
43 100
58 184.6 30.5 45.7#

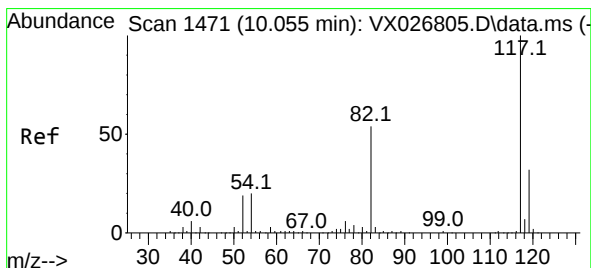
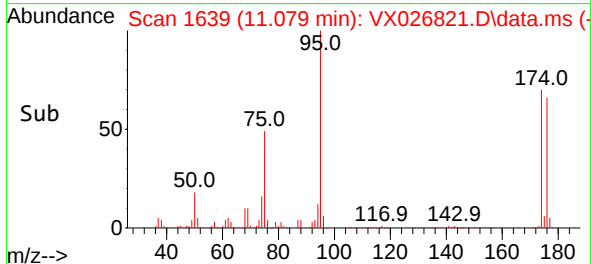
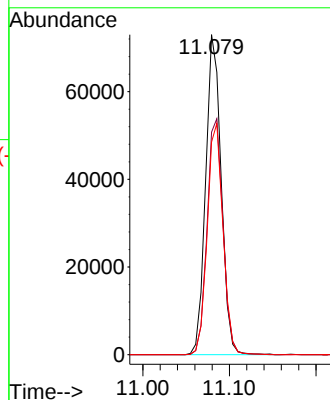
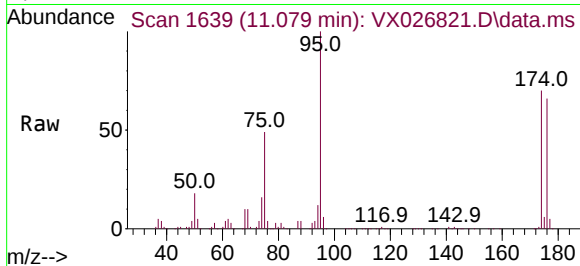




#62
4-Bromofluorobenzene
Concen: 54.100 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX026821.D
Acq: 08 Feb 2022 14:51

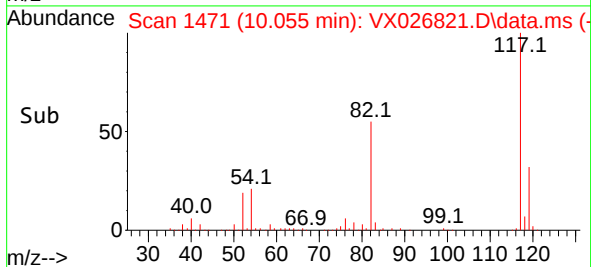
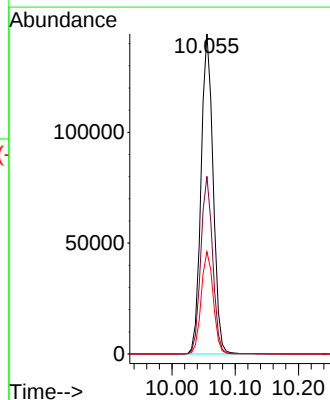
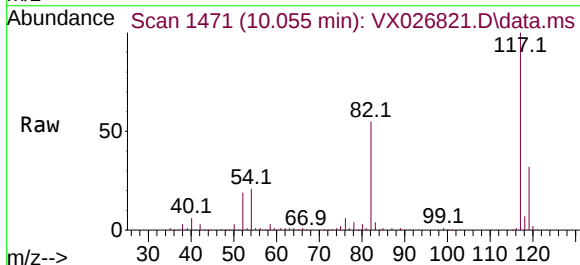
Instrument :
MSVOA_X
ClientSampleId :
143-144

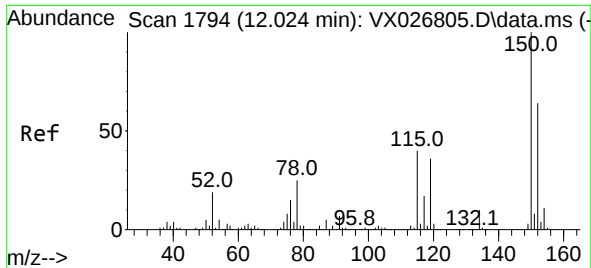
Tgt Ion: 95 Resp: 90779
Ion Ratio Lower Upper
95 100
174 75.5 0.0 148.6
176 73.3 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026821.D
Acq: 08 Feb 2022 14:51

Tgt Ion: 117 Resp: 191743
Ion Ratio Lower Upper
117 100
82 55.5 45.2 67.8
119 32.0 26.2 39.2

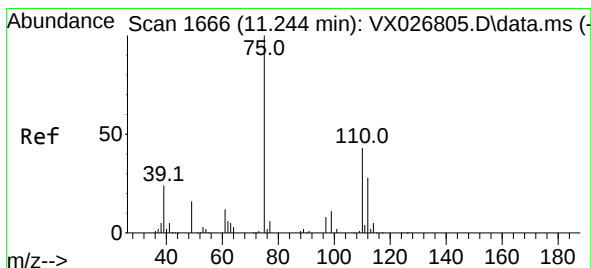
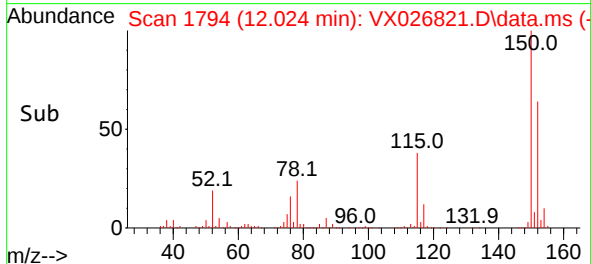
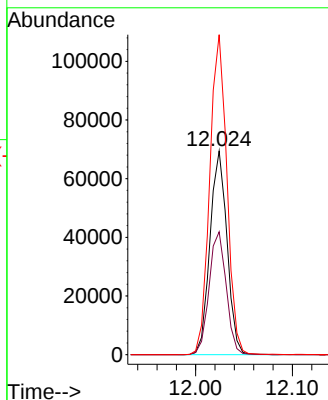
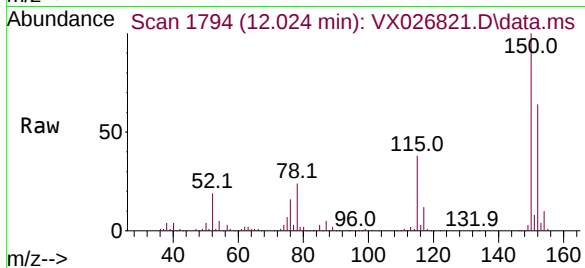




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX026821.D
 Acq: 08 Feb 2022 14:51

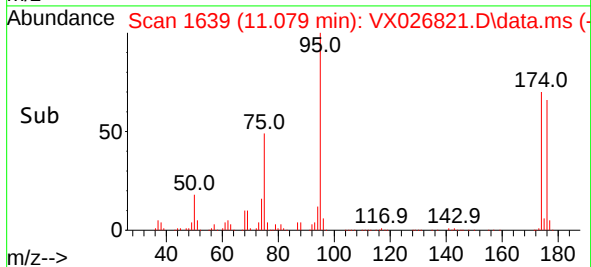
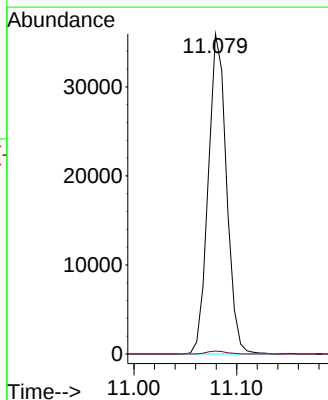
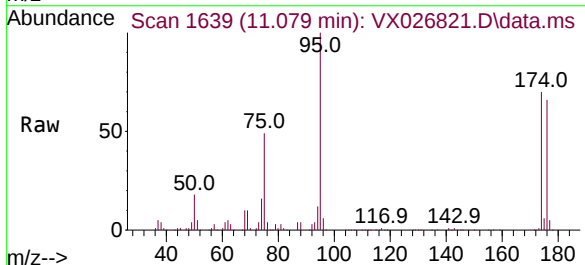
Instrument :
 MSVOA_X
 ClientSampleId :
 143-144

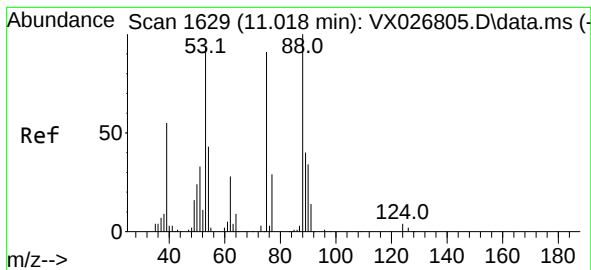
Tgt Ion:152 Resp: 85090
 Ion Ratio Lower Upper
 152 100
 115 60.5 44.2 132.6
 150 157.6 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 23.871 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.164 min
 Lab File: VX026821.D
 Acq: 08 Feb 2022 14:51

Tgt Ion: 75 Resp: 44463
 Ion Ratio Lower Upper
 75 100
 77 0.9 18.3 54.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.964 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX026821.D
 Acq: 08 Feb 2022 14:51

Instrument :
 MSVOA_X
 ClientSampleId :
 143-144

Tgt Ion: 75 Resp: 44463
 Ion Ratio Lower Upper
 75 100
 53 0.0 94.0 141.0#
 89 0.0 37.0 55.4#

