

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070121\
 Data File : VX023099.D
 Acq On : 01 Jul 2021 20:46
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jul 02 04:34:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 19:12:26 2021
 Response via : Initial Calibration

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

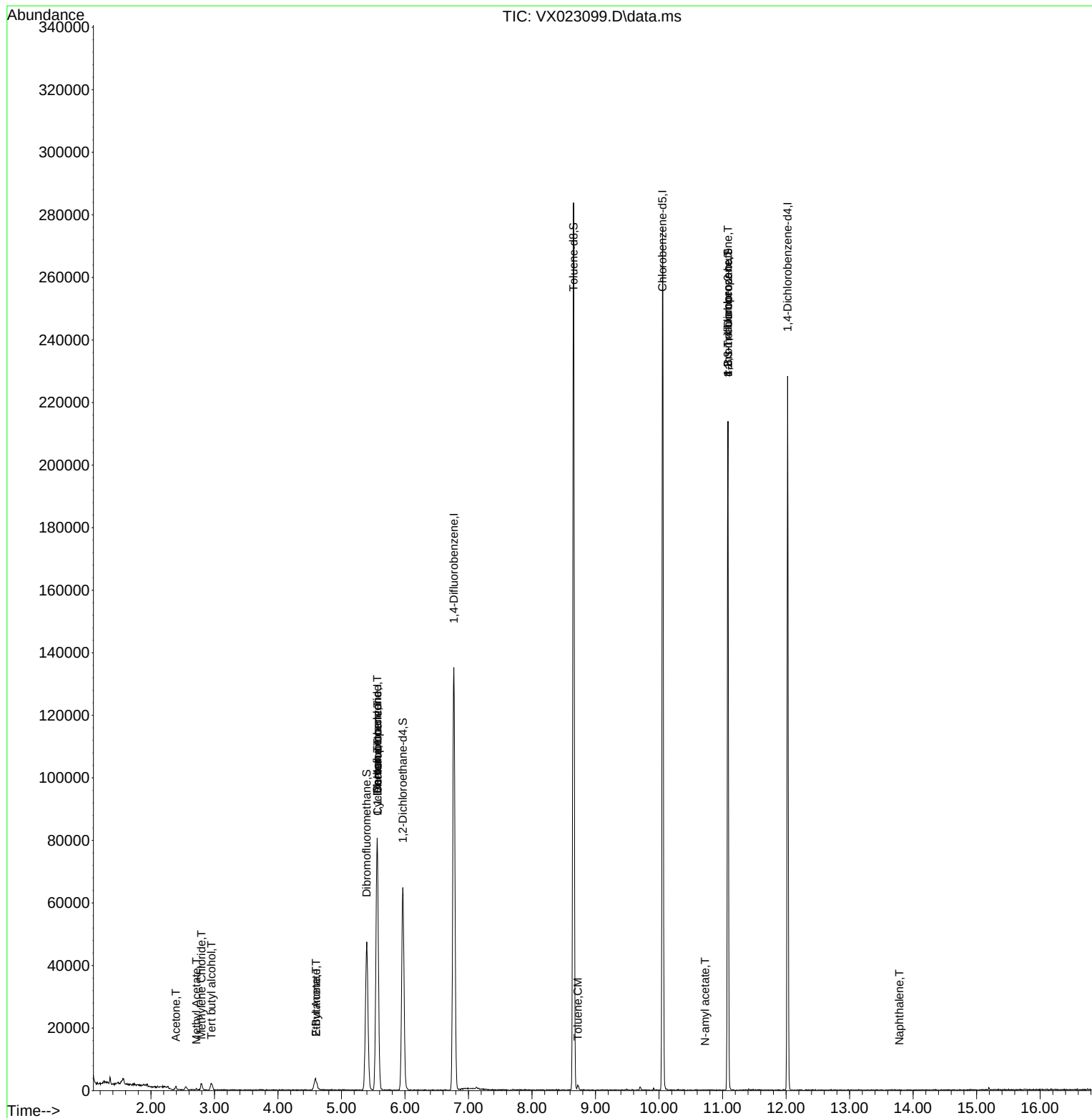
Internal Standards						
1) Pentafluorobenzene	5.562	168	56728	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	120446	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	105056	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	35863	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	66560	64.653	ug/l	0.00
Spiked Amount 50.000	Range	78 - 117	Recovery	=	129.300%	#
35) Dibromofluoromethane	5.397	113	38866	50.814	ug/l	0.00
Spiked Amount 50.000	Range	75 - 124	Recovery	=	101.620%	
50) Toluene-d8	8.653	98	149887	50.002	ug/l	0.00
Spiked Amount 50.000	Range	92 - 112	Recovery	=	100.000%	
62) 4-Bromofluorobenzene	11.085	95	54898	49.071	ug/l	0.00
Spiked Amount 50.000	Range	83 - 123	Recovery	=	98.140%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	1407	6.558	ug/l	# 73
16) Acetone	2.392	43	1184	2.594	ug/l	# 68
18) Methyl Acetate	2.715	43	627	0.558	ug/l	# 60
20) Methylene Chloride	2.794	84	866	1.322	ug/l	# 88
25) 2-Butanone	4.599	43	342	0.482	ug/l	# 45
31) Cyclohexane	5.568	56	2194	1.510	ug/l	# 31
36) 1,1-Dichloropropene	5.568	75	7501	5.863	ug/l	# 49
37) Ethyl Acetate	4.599	43	342	0.231	ug/l	# 65
38) Carbon Tetrachloride	5.562	117	8017	7.471	ug/l	# 17
52) Toluene	8.720	92	557	0.250	ug/l	95
74) N-amyl acetate	10.726	43	28	2.071	ug/l	# 38
76) 1,2,3-Trichloropropane	11.085	75	33605	35.475	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	33605	89.853	ug/l	# 12
95) Naphthalene	13.786	128	131	1.966	ug/l	# 69

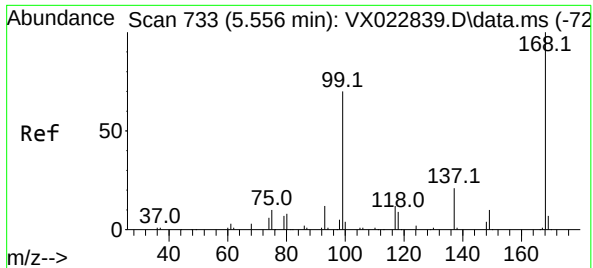
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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IBLK

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
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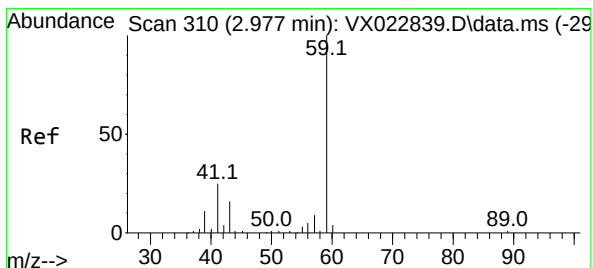
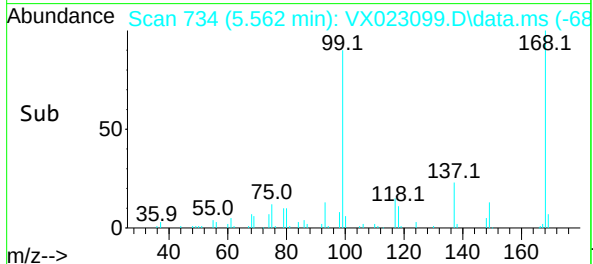
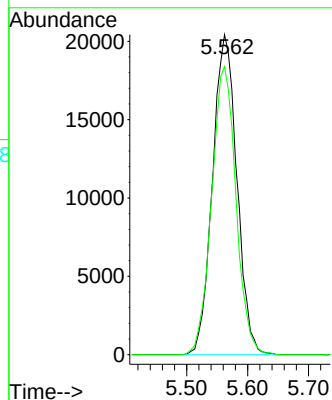
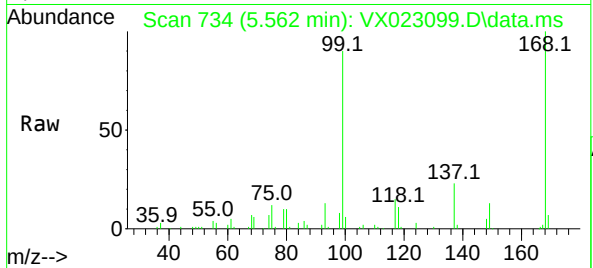




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX023099.D
Acq: 01 Jul 2021 20:46

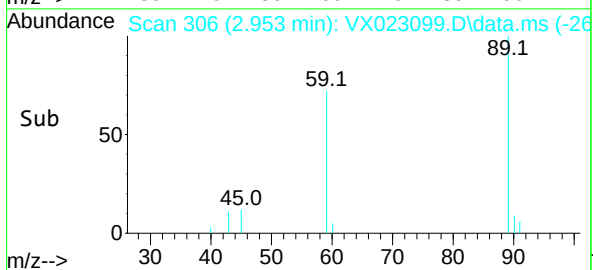
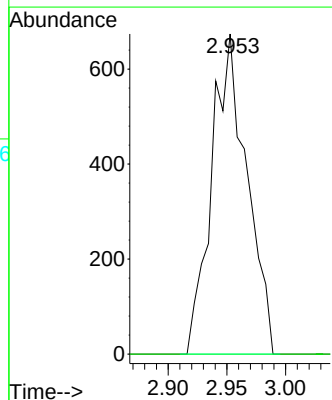
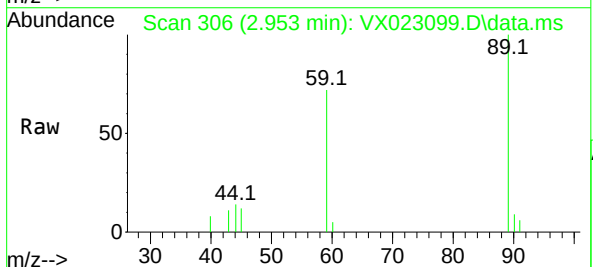
Instrument :
MSVOA_X
ClientSampled :
IBLK

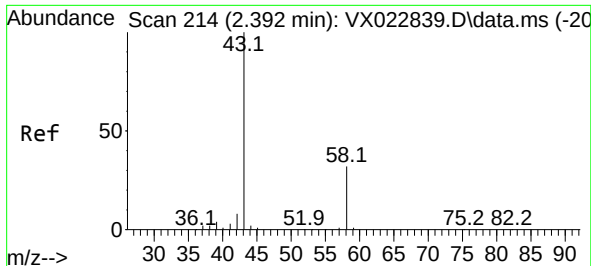
Tgt Ion:168 Resp: 56728
Ion Ratio Lower Upper
168 100
99 90.1 45.8 68.6#



#11
Tert butyl alcohol
Concen: 6.558 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.024 min
Lab File: VX023099.D
Acq: 01 Jul 2021 20:46

Tgt Ion: 59 Resp: 1407
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

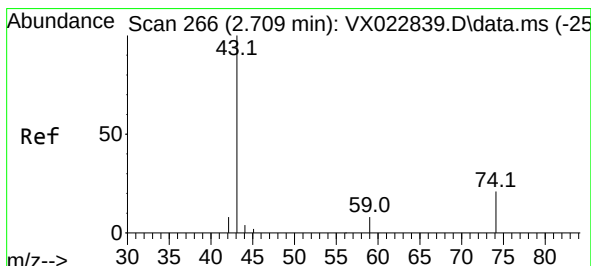
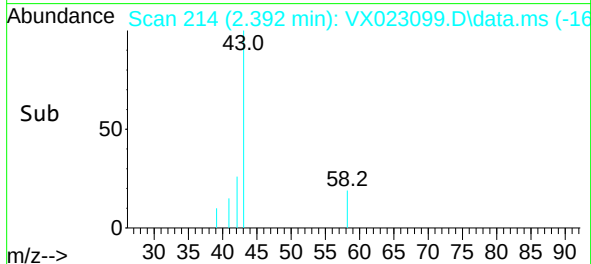
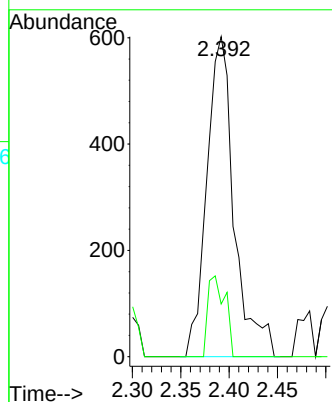
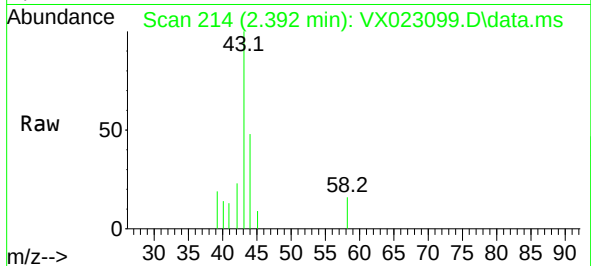




#16
Acetone
Concen: 2.594 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX023099.D
Acq: 01 Jul 2021 20:46

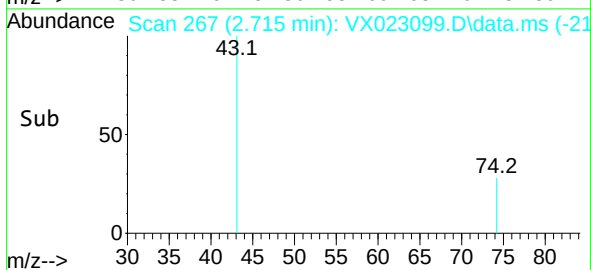
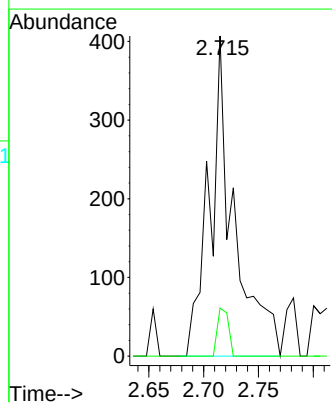
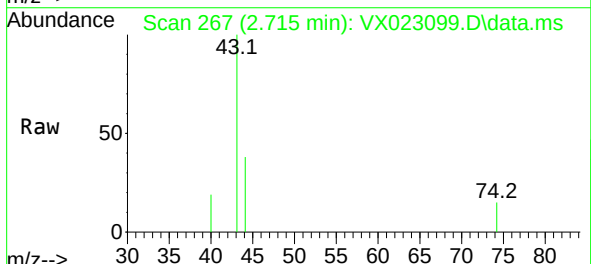
Instrument :
MSVOA_X
ClientSampleId :
IBLK

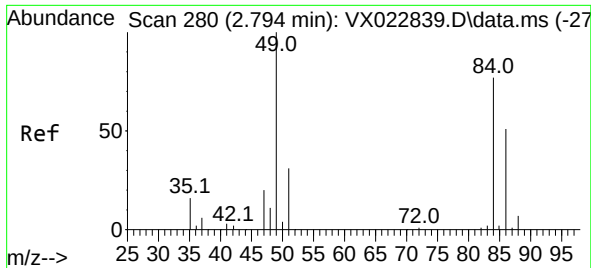
Tgt Ion: 43 Resp: 1184
Ion Ratio Lower Upper
43 100
58 16.4 27.8 41.8#



#18
Methyl Acetate
Concen: 0.558 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX023099.D
Acq: 01 Jul 2021 20:46

Tgt Ion: 43 Resp: 627
Ion Ratio Lower Upper
43 100
74 6.7 21.9 32.9#

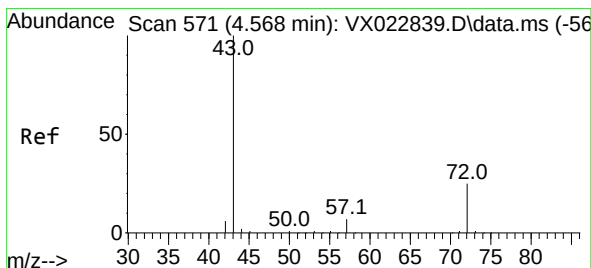
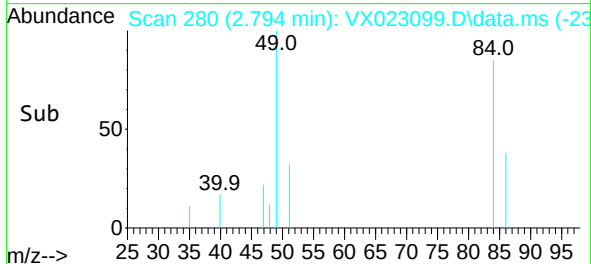
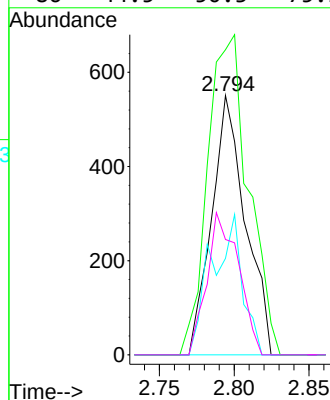
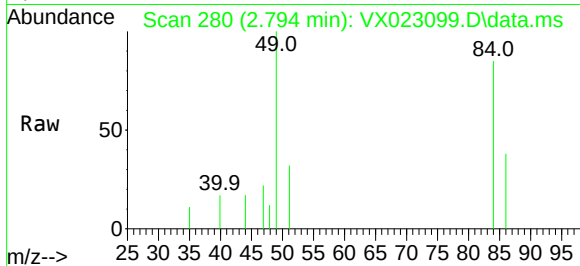




#20
Methylene Chloride
Concen: 1.322 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023099.D
Acq: 01 Jul 2021 20:46

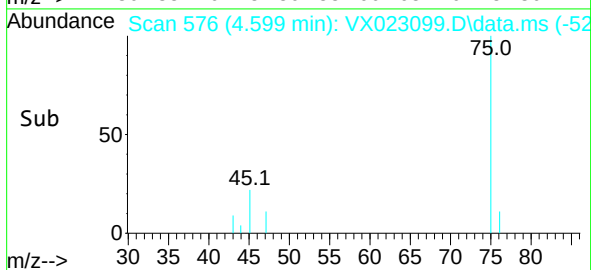
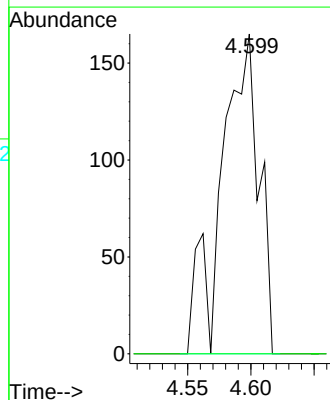
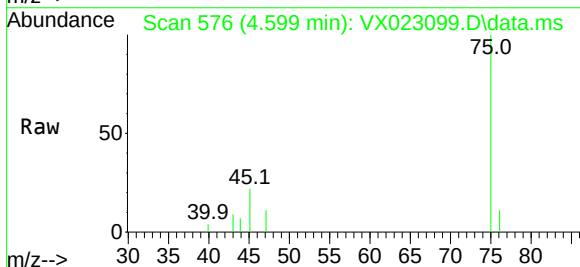
Instrument :
MSVOA_X
ClientSampleId :
IBLK

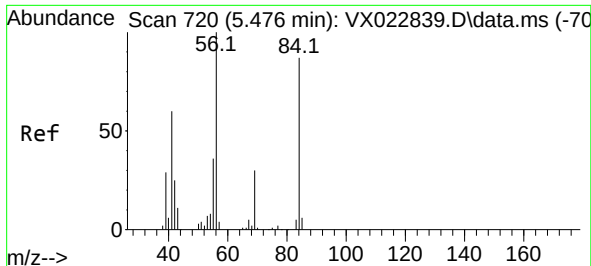
Tgt Ion: 84	Resp: 866
Ion Ratio	Lower Upper
84 100	
49 117.6	88.6 132.8
51 37.2	27.0 40.6
86 44.5	50.3 75.5#



#25
2-Butanone
Concen: 0.482 ug/l
RT: 4.599 min Scan# 576
Delta R.T. 0.031 min
Lab File: VX023099.D
Acq: 01 Jul 2021 20:46

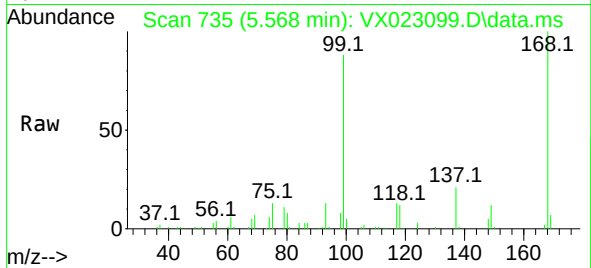
Tgt Ion: 43	Resp: 342
Ion Ratio	Lower Upper
43 100	
72 0.0	23.7 35.5#



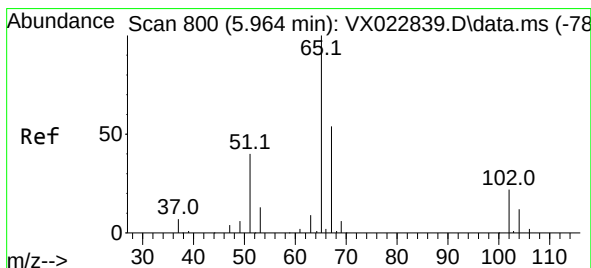
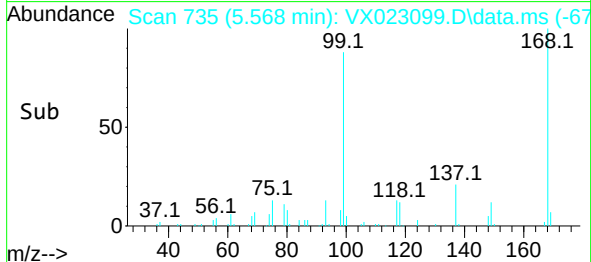
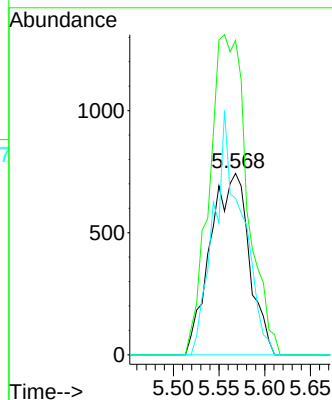


#31
Cyclohexane
Concen: 1.510 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.092 min
Lab File: VX023099.D
Acq: 01 Jul 2021 20:46

Instrument :
MSVOA_X
ClientSampleId :
IBLK

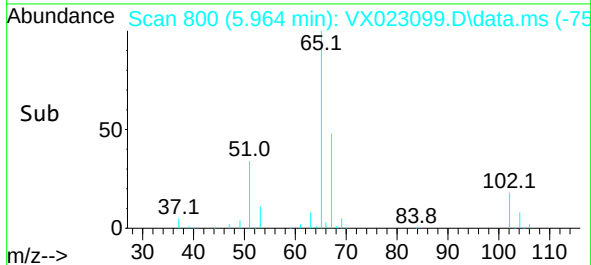
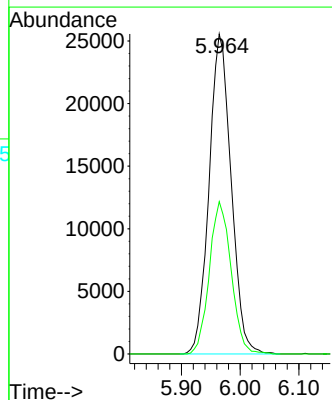
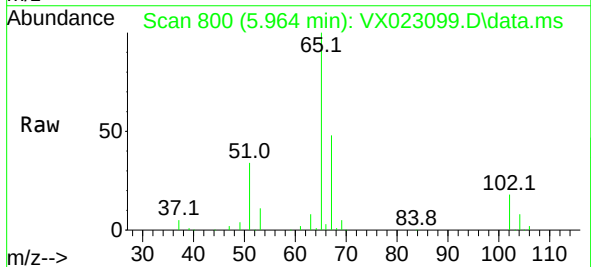


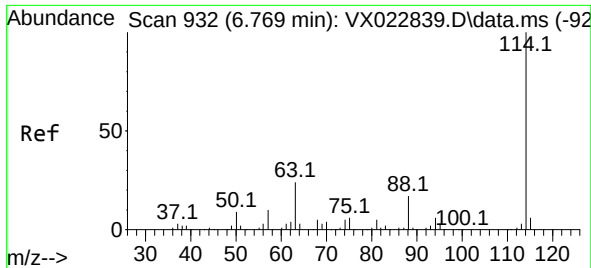
Tgt Ion: 56 Resp: 2194
Ion Ratio Lower Upper
56 100
69 173.4 25.3 37.9#
84 86.1 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 64.653 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023099.D
Acq: 01 Jul 2021 20:46

Tgt Ion: 65 Resp: 66560
Ion Ratio Lower Upper
65 100
67 47.1 0.0 105.4

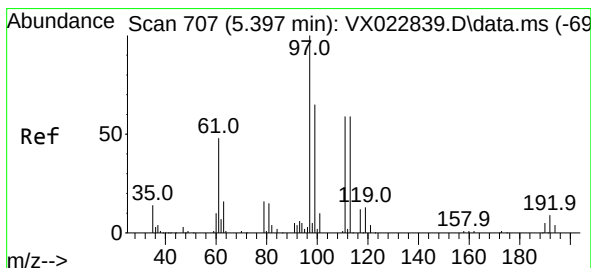
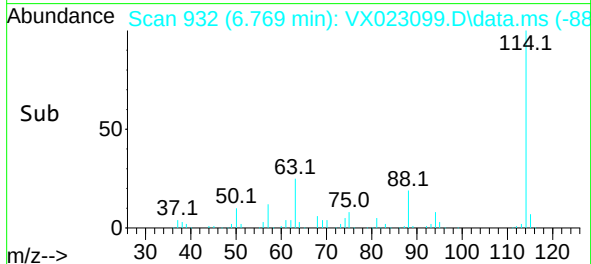
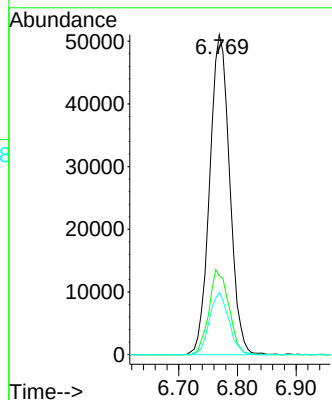
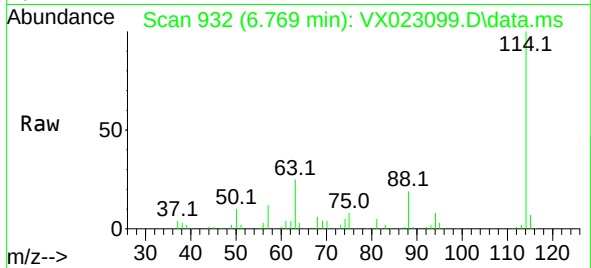




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023099.D
Acq: 01 Jul 2021 20:46

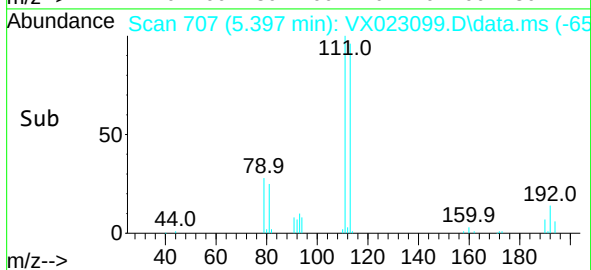
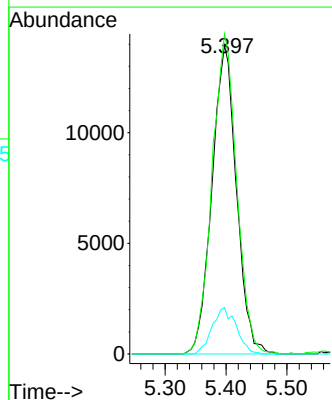
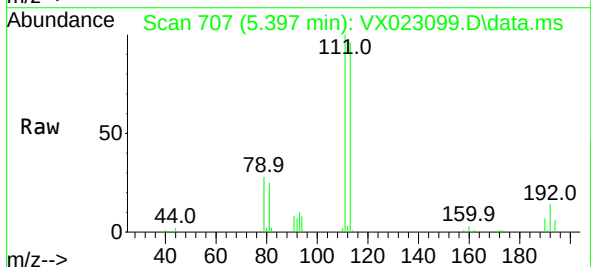
Instrument :
MSVOA_X
ClientSampled :
IBLK

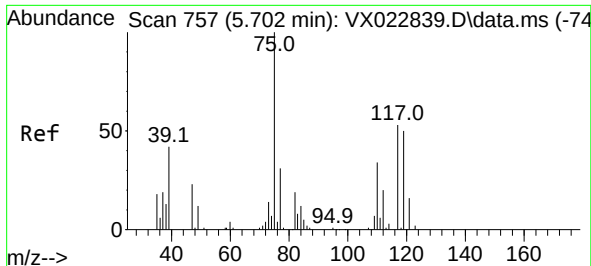
Tgt Ion:114 Resp: 120446
Ion Ratio Lower Upper
114 100
63 24.7 0.0 40.8
88 19.4 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.814 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023099.D
Acq: 01 Jul 2021 20:46

Tgt Ion:113 Resp: 38866
Ion Ratio Lower Upper
113 100
111 104.3 81.9 122.9
192 14.8 16.7 25.1#

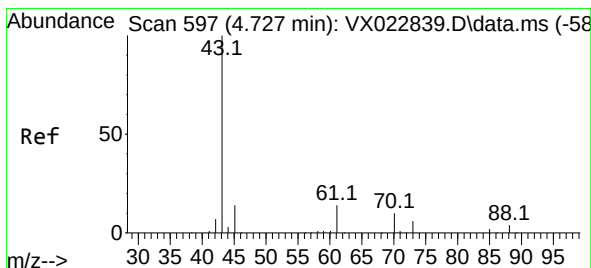
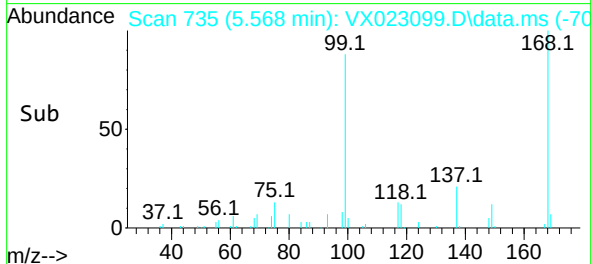
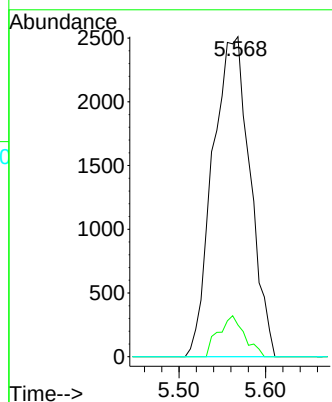
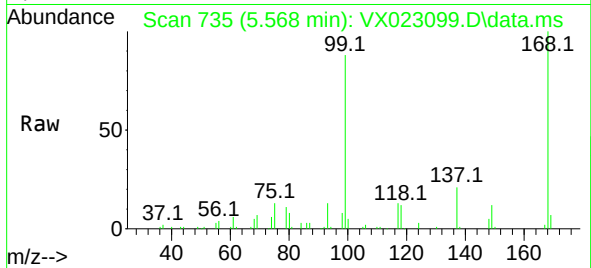




#36
1,1-Dichloropropene
Concen: 5.863 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.134 min
Lab File: VX023099.D
Acq: 01 Jul 2021 20:46

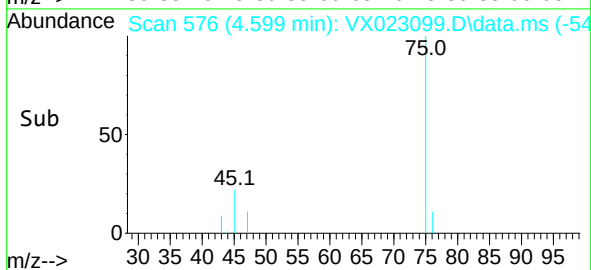
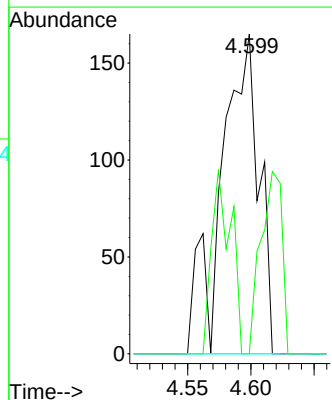
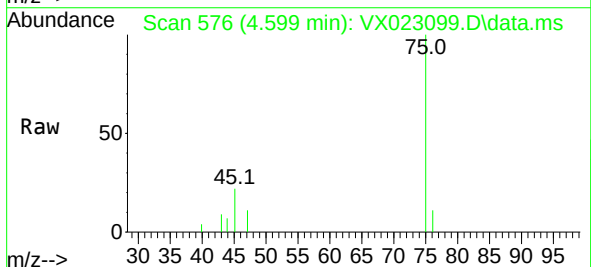
Instrument :
MSVOA_X
ClientSampled :
IBLK

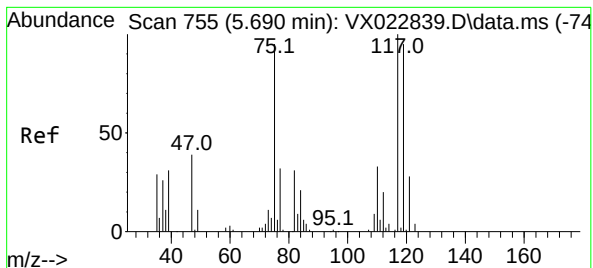
Tgt Ion: 75 Resp: 7501
Ion Ratio Lower Upper
75 100
110 9.0 18.1 54.4#
77 0.0 25.3 37.9#



#37
Ethyl Acetate
Concen: 0.231 ug/l
RT: 4.599 min Scan# 576
Delta R.T. -0.128 min
Lab File: VX023099.D
Acq: 01 Jul 2021 20:46

Tgt Ion: 43 Resp: 342
Ion Ratio Lower Upper
43 100
61 31.9 12.8 19.2#
70 0.0 10.5 15.7#





#38

Carbon Tetrachloride

Concen: 7.471 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.128 min

Lab File: VX023099.D

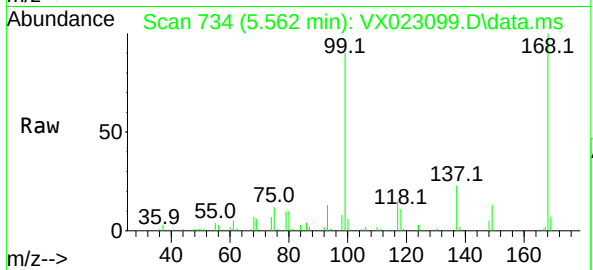
Acq: 01 Jul 2021 20:46

Instrument :

MSVOA_X

ClientSampled :

IBLK



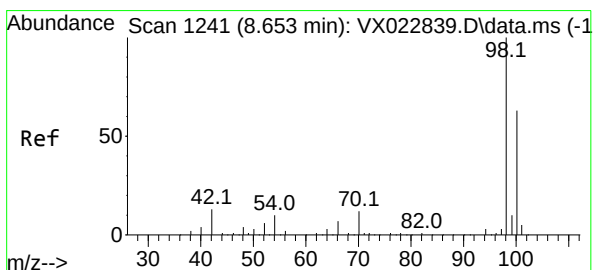
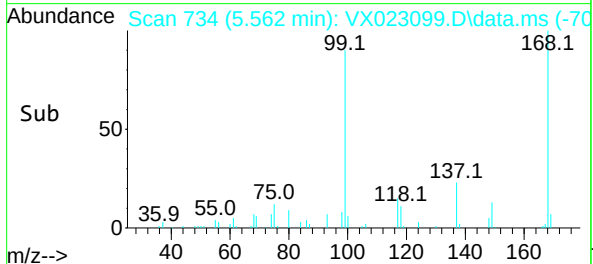
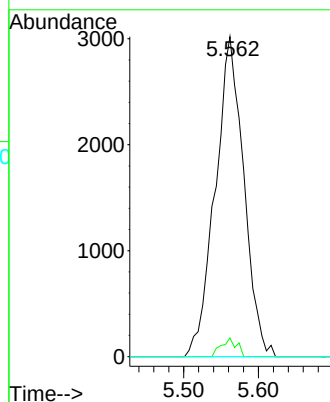
Tgt Ion:117 Resp: 8017

Ion Ratio Lower Upper

117 100

119 5.9 76.2 114.2#

121 0.0 24.8 37.2#



#50

Toluene-d8

Concen: 50.002 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX023099.D

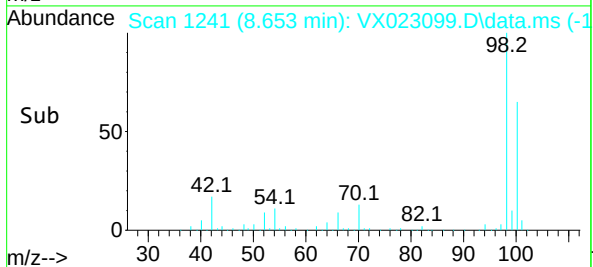
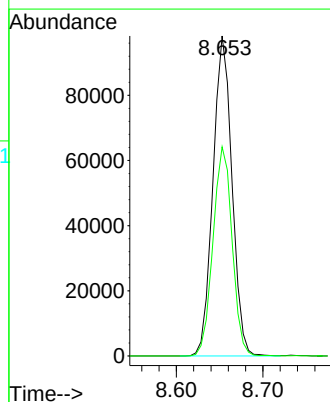
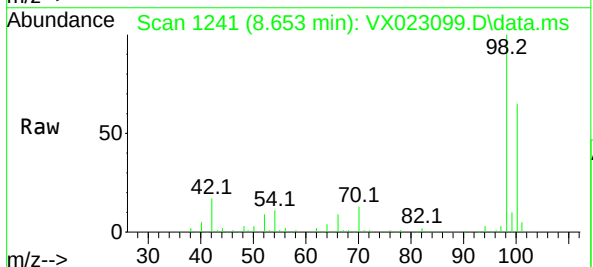
Acq: 01 Jul 2021 20:46

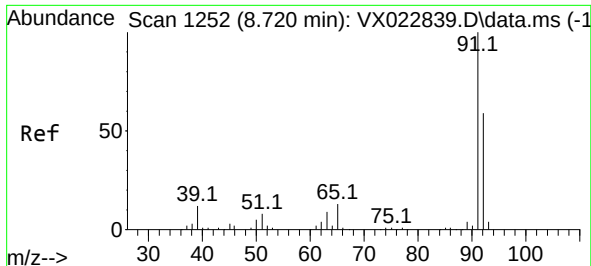
Tgt Ion: 98 Resp: 149887

Ion Ratio Lower Upper

98 100

100 65.8 51.9 77.9

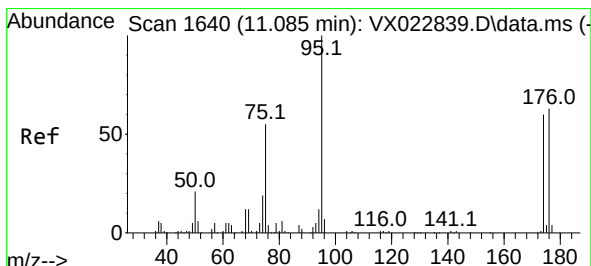
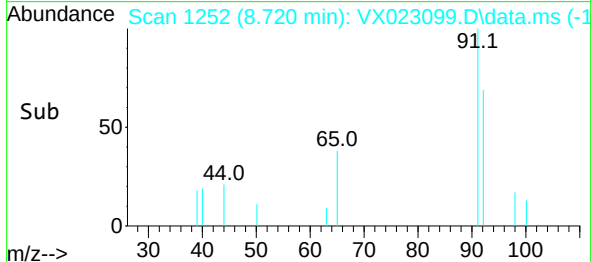
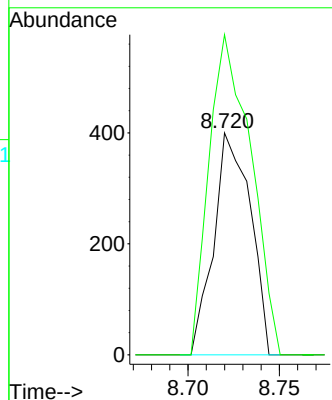
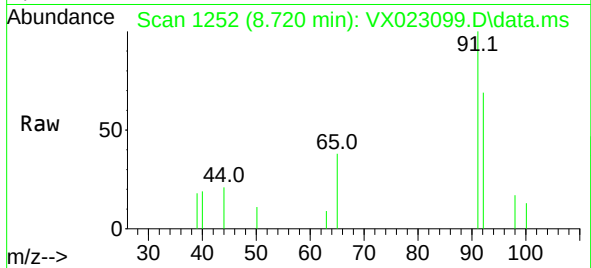




#52
Toluene
Concen: 0.250 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX023099.D
Acq: 01 Jul 2021 20:46

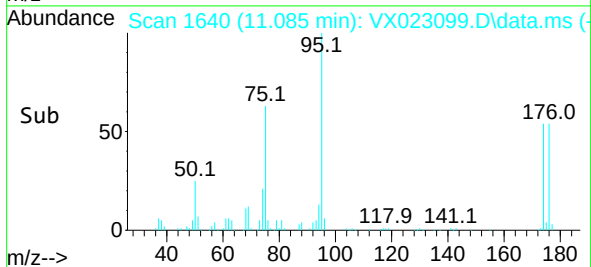
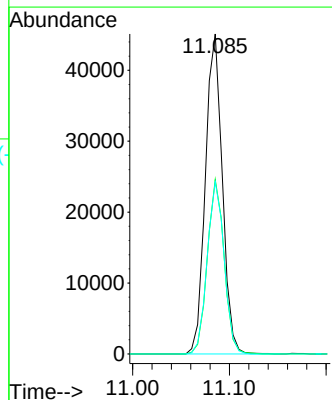
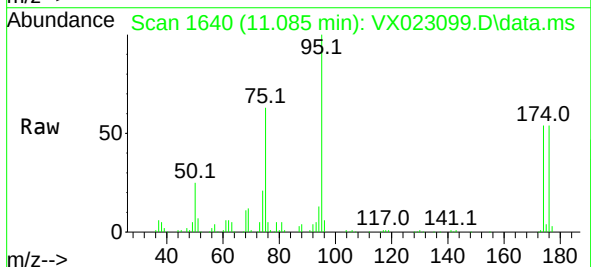
Instrument :
MSVOA_X
ClientSampled :
IBLK

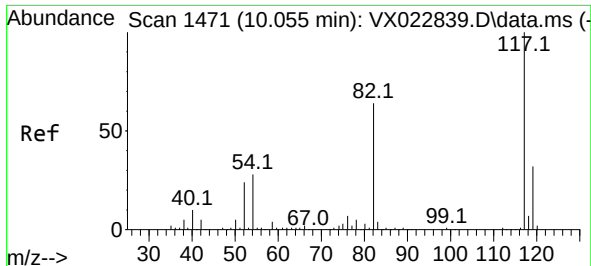
Tgt Ion: 92 Resp: 557
Ion Ratio Lower Upper
92 100
91 165.2 137.1 205.7



#62
4-Bromofluorobenzene
Concen: 49.071 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023099.D
Acq: 01 Jul 2021 20:46

Tgt Ion: 95 Resp: 54898
Ion Ratio Lower Upper
95 100
174 53.9 0.0 154.6
176 53.7 0.0 155.8

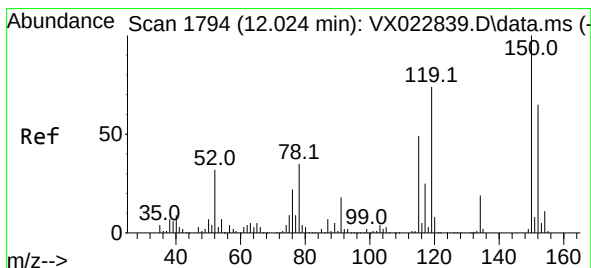
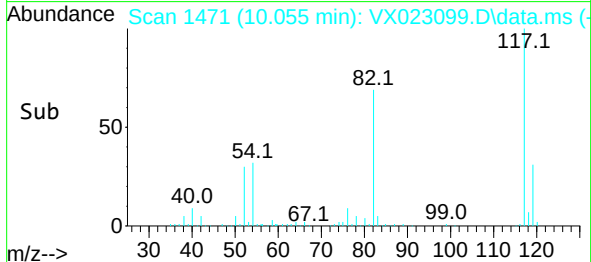
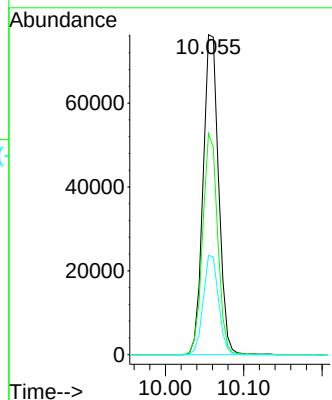
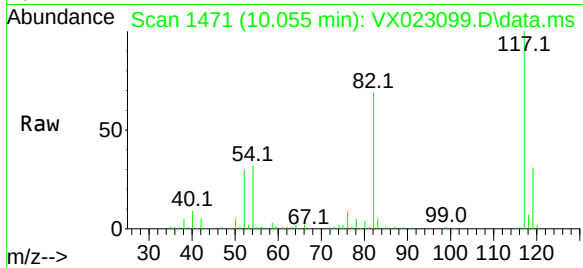




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023099.D
Acq: 01 Jul 2021 20:46

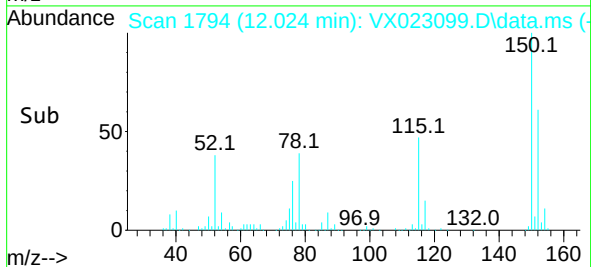
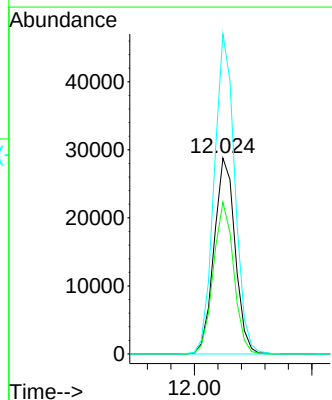
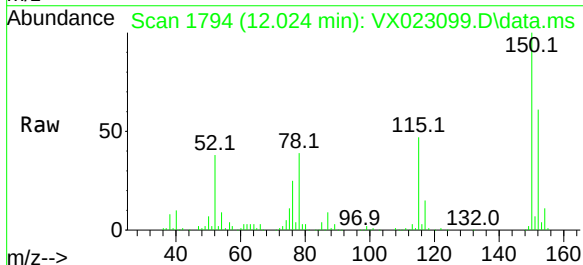
Instrument :
MSVOA_X
ClientSampled :
IBLK

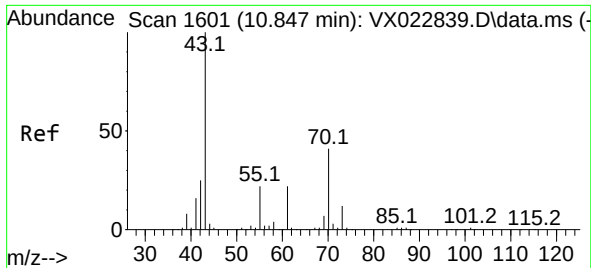
Tgt Ion:117 Resp: 105056
Ion Ratio Lower Upper
117 100
82 69.2 47.4 71.2
119 31.0 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023099.D
Acq: 01 Jul 2021 20:46

Tgt Ion:152 Resp: 35863
Ion Ratio Lower Upper
152 100
115 74.8 41.1 123.3
150 159.8 0.0 349.0

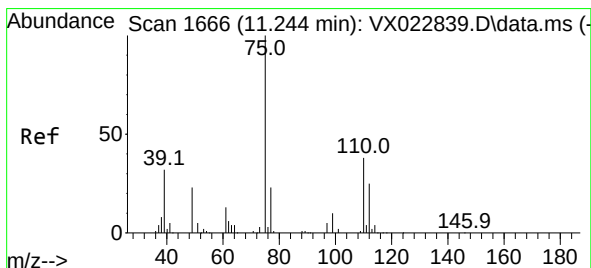
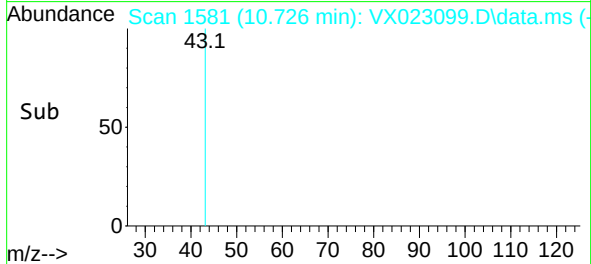
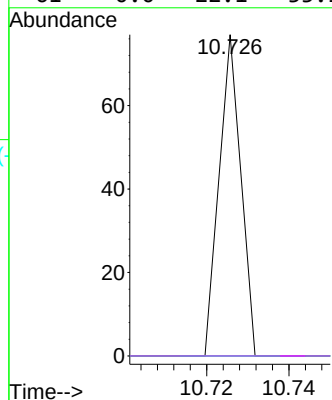
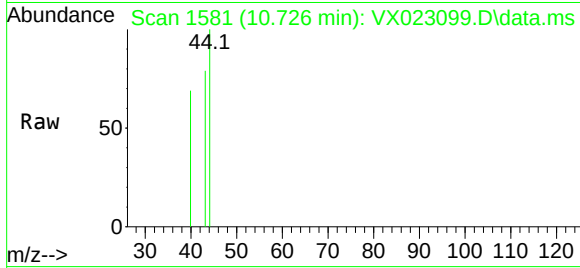




#74
N-amy1 acetate
Concen: 2.071 ug/l
RT: 10.726 min Scan# 1581
Delta R.T. -0.121 min
Lab File: VX023099.D
Acq: 01 Jul 2021 20:46

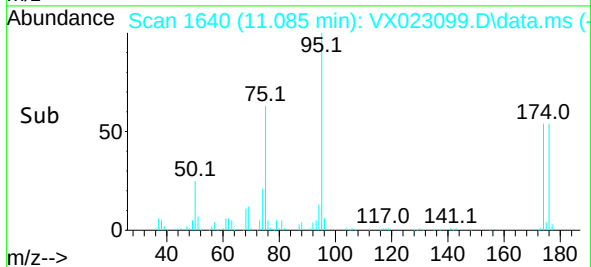
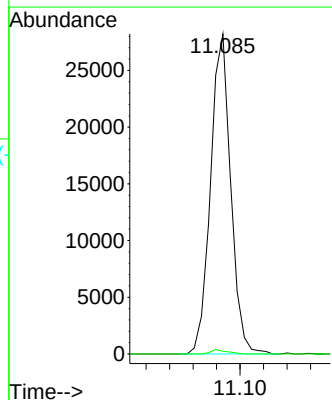
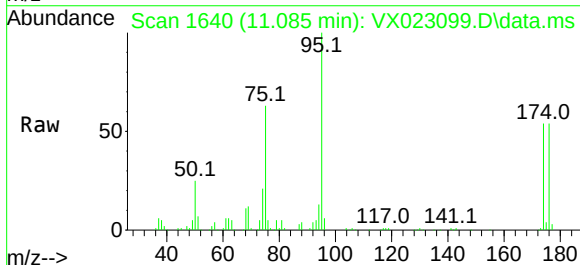
Instrument :
MSVOA_X
ClientSampleId :
IBLK

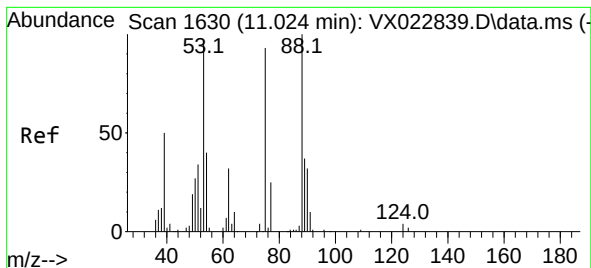
Tgt Ion: 43	Resp: 28
Ion Ratio	Lower Upper
43 100	
70 0.0	39.0 58.6#
55 0.0	21.5 32.3#
61 0.0	22.1 33.1#



#76
1,2,3-Trichloropropane
Concen: 35.475 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023099.D
Acq: 01 Jul 2021 20:46

Tgt Ion: 75	Resp: 33605
Ion Ratio	Lower Upper
75 100	
77 1.1	19.1 57.5#

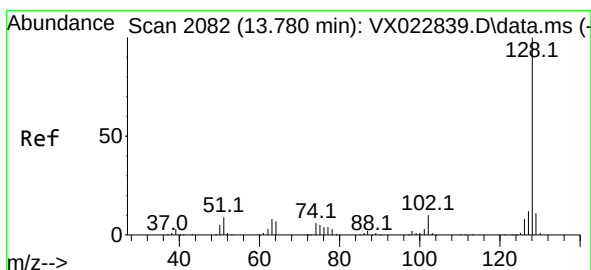
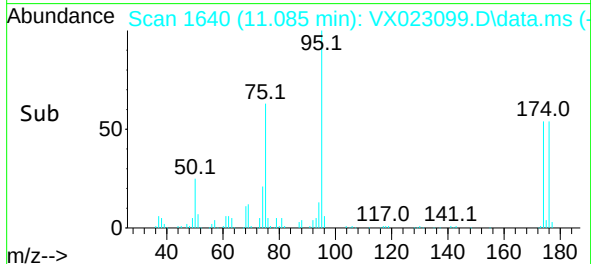
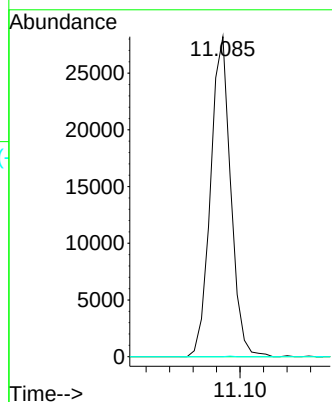
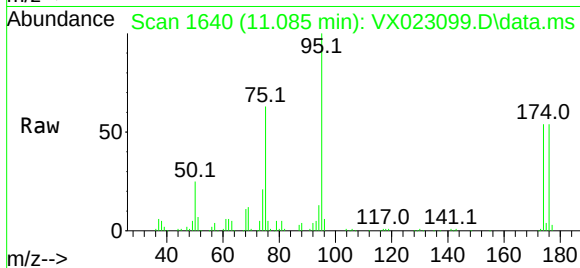




#81
trans-1,4-Dichloro-2-butene
Concen: 89.853 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023099.D
Acq: 01 Jul 2021 20:46

Instrument :
MSVOA_X
ClientSampled :
IBLK

Tgt Ion: 75 Resp: 33605
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#



#95
Naphthalene
Concen: 1.966 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX023099.D
Acq: 01 Jul 2021 20:46

Tgt Ion: 128 Resp: 131
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

