

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072922\
 Data File : VX030299.D
 Acq On : 29 Jul 2022 13:48
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Aug 01 05:12:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

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

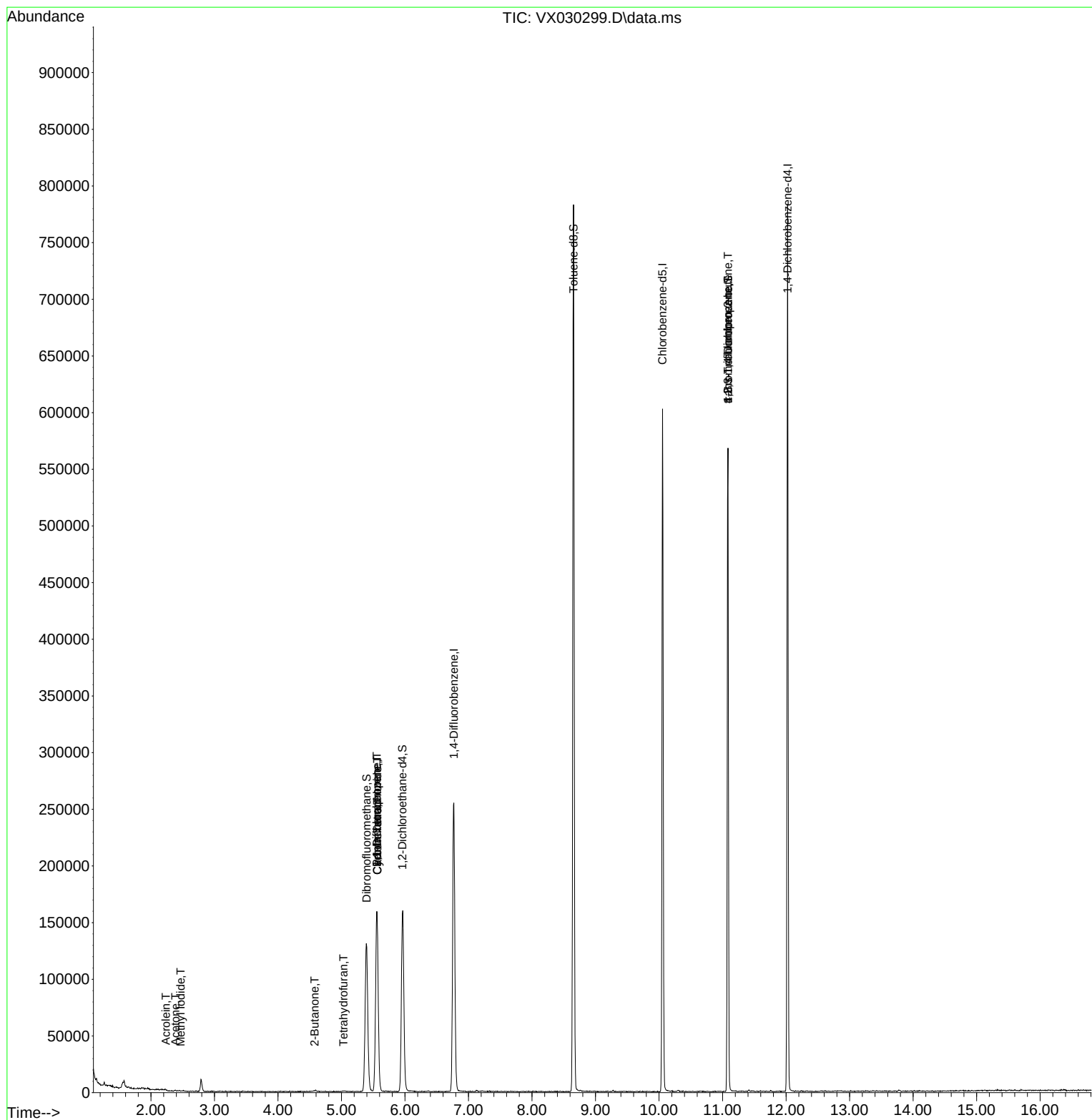
Internal Standards						
1) Pentafluorobenzene	5.556	168	149652	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	260878	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	262375	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	147052	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	153156	50.918	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.840%			
35) Dibromofluoromethane	5.397	113	117886	47.270	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.540%			
50) Toluene-d8	8.653	98	454015	47.010	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 94.020%			
62) 4-Bromofluorobenzene	11.085	95	160178	44.689	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 89.380%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	261	Below Cal	#	64
10) Methyl Iodide	2.465	142	339	1.666	ug/l #	82
13) Acrolein	2.233	56	61	0.338	ug/l #	14
16) Acetone	2.386	43	974	0.632	ug/l #	74
20) Methylene Chloride	2.788	84	4383	Below Cal	#	92
25) 2-Butanone	4.574	43	519	0.201	ug/l #	48
29) Tetrahydrofuran	5.032	42	534	0.307	ug/l #	47
31) Cyclohexane	5.562	56	3436	0.787	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	13214	3.682	ug/l #	48
38) Carbon Tetrachloride	5.562	117	15124	4.514	ug/l #	17
67) Ethyl Benzene	10.195	91	316	Below Cal	#	43
76) 1,2,3-Trichloropropane	11.085	75	79928	20.620	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.085	75	79928	61.859	ug/l #	13

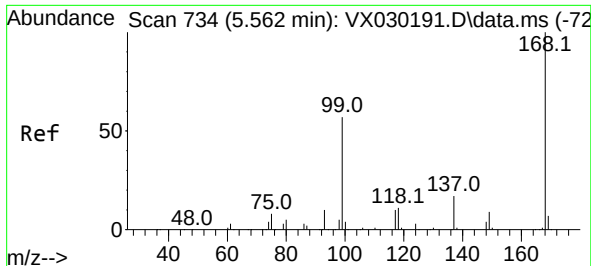
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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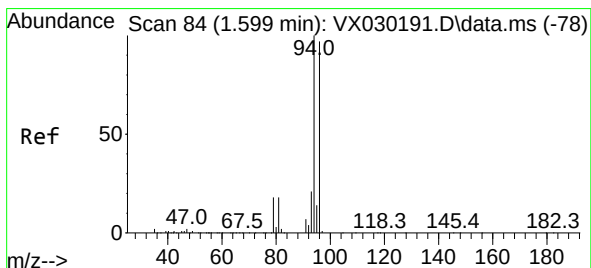
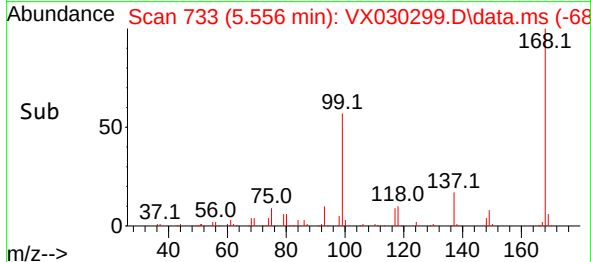
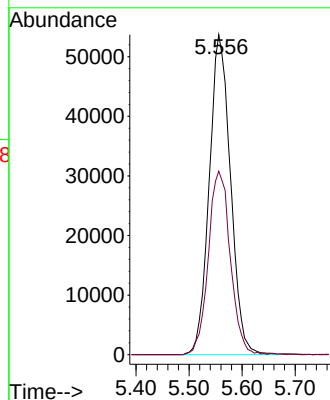
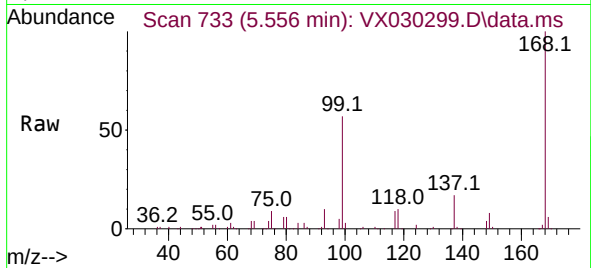




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX030299.D
Acq: 29 Jul 2022 13:48

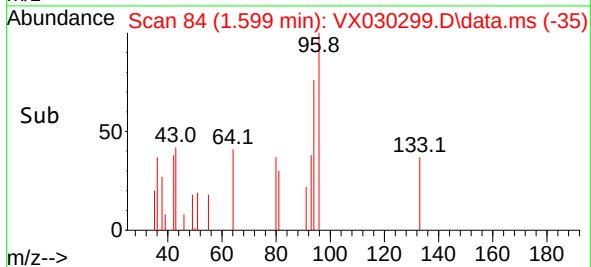
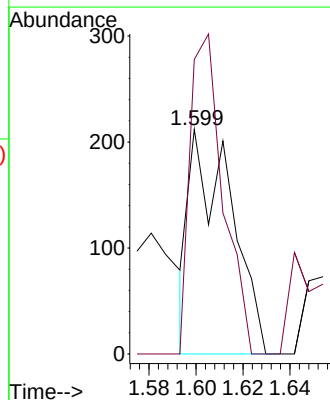
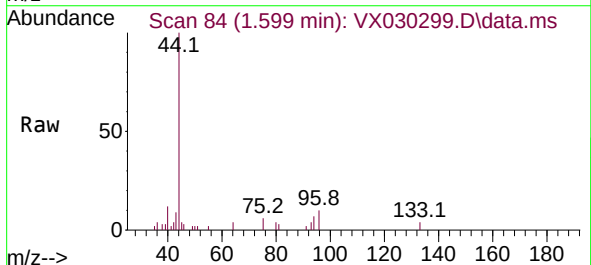
Instrument :
MSVOA_X
ClientSampleId :
IBLK

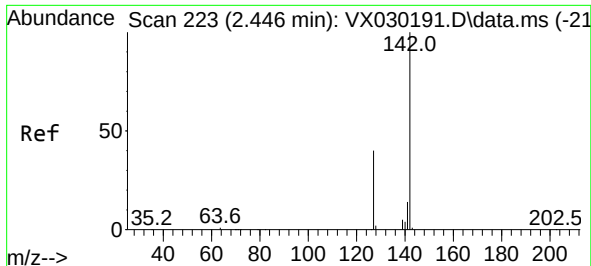
Tgt Ion:168 Resp: 149652
Ion Ratio Lower Upper
168 100
99 57.4 44.0 66.0



#5
Bromomethane
Concen: Below Cal
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX030299.D
Acq: 29 Jul 2022 13:48

Tgt Ion: 94 Resp: 261
Ion Ratio Lower Upper
94 100
96 131.1 76.9 115.3#

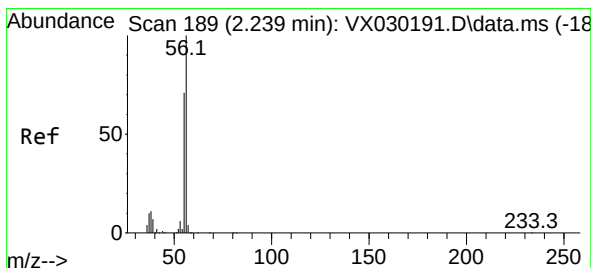
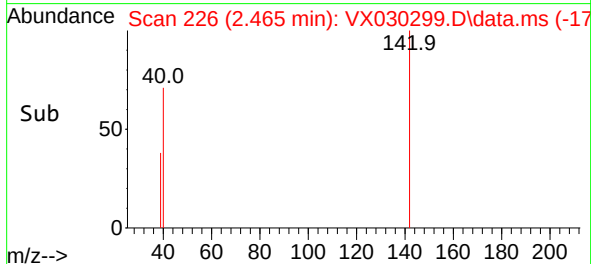
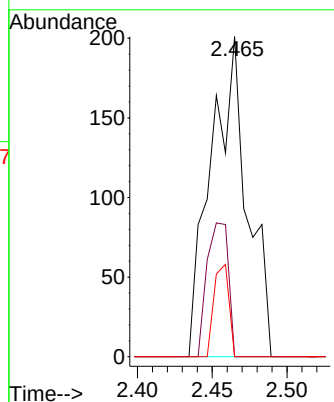
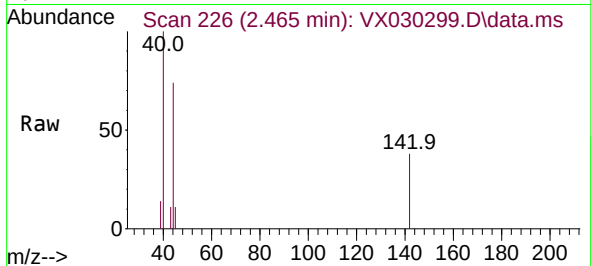




#10
Methyl Iodide
Concen: 1.666 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.019 min
Lab File: VX030299.D
Acq: 29 Jul 2022 13:48

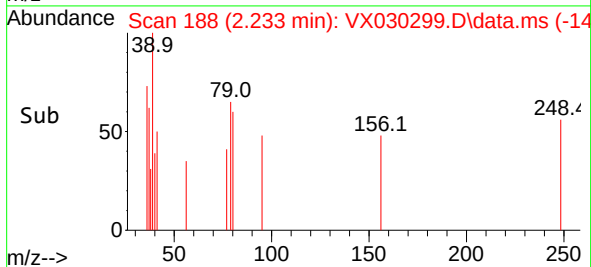
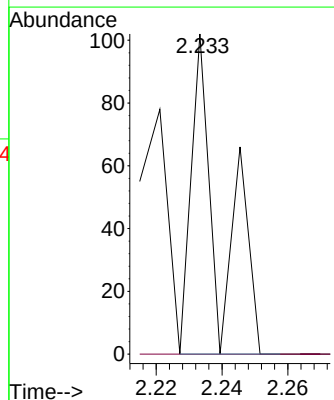
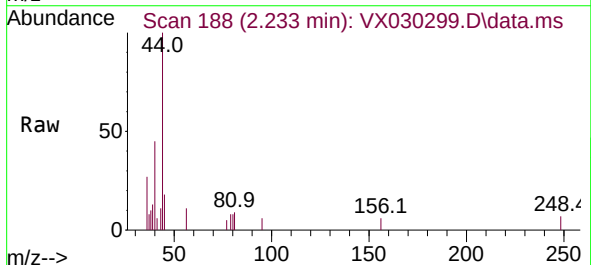
Instrument :
MSVOA_X
ClientSampleId :
IBLK

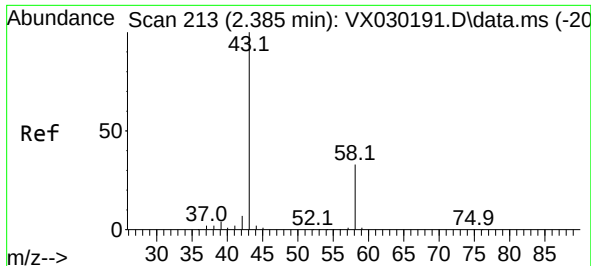
Tgt Ion:142 Resp: 339
Ion Ratio Lower Upper
142 100
127 24.5 30.2 45.2#
141 11.8 11.3 16.9



#13
Acrolein
Concen: 0.338 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX030299.D
Acq: 29 Jul 2022 13:48

Tgt Ion: 56 Resp: 61
Ion Ratio Lower Upper
56 100
55 0.0 56.6 84.8#





#16

Acetone

Concen: 0.632 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.001 min

Lab File: VX030299.D

Acq: 29 Jul 2022 13:48

Instrument :

MSVOA_X

ClientSampleId :

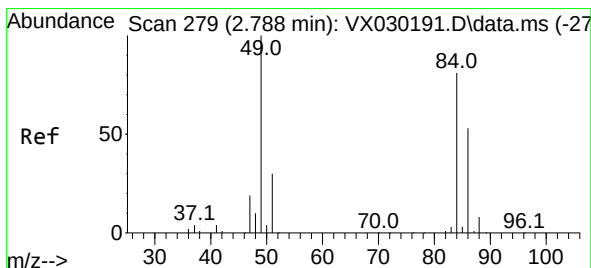
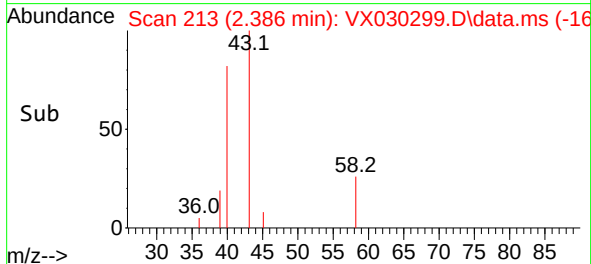
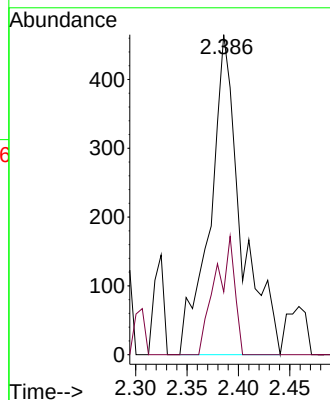
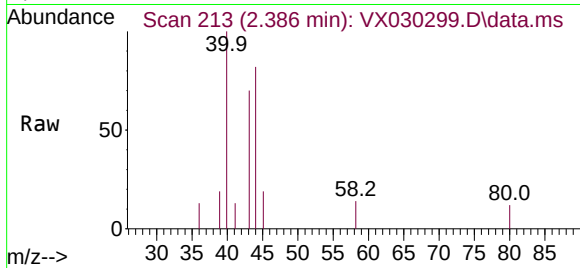
IBLK

Tgt Ion: 43 Resp: 974

Ion Ratio Lower Upper

43 100

58 19.6 27.7 41.5#



#20

Methylene Chloride

Concen: Below Cal

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX030299.D

Acq: 29 Jul 2022 13:48

Tgt Ion: 84 Resp: 4383

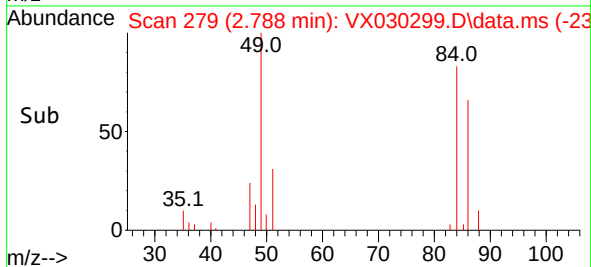
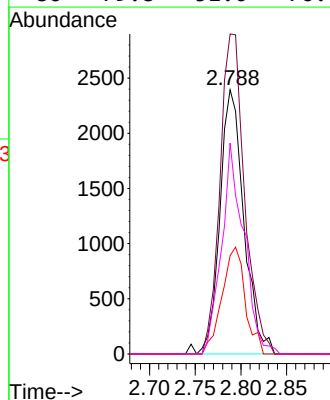
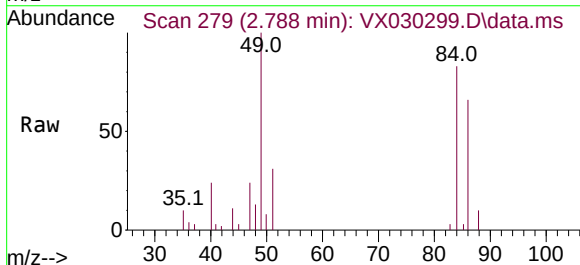
Ion Ratio Lower Upper

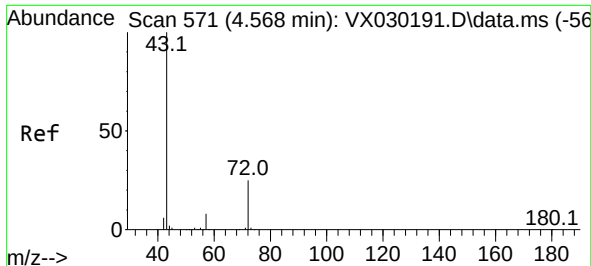
84 100

49 121.1 93.8 140.6

51 37.3 29.4 44.0

86 79.8 51.0 76.4#

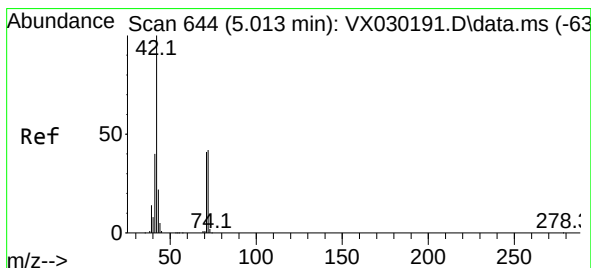
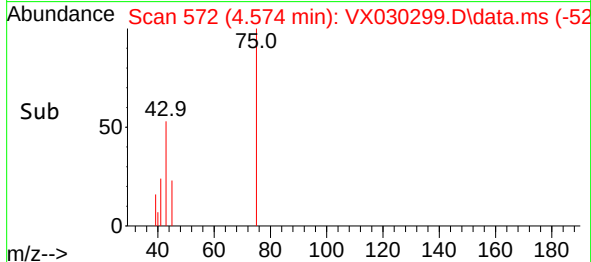
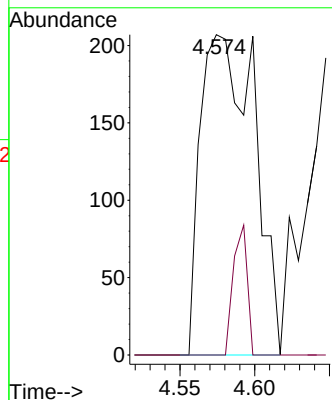
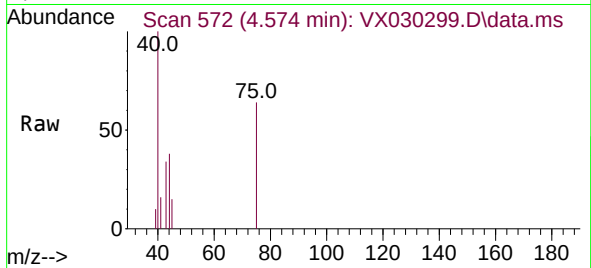




#25
2-Butanone
Concen: 0.201 ug/l
RT: 4.574 min Scan# 519
Delta R.T. 0.006 min
Lab File: VX030299.D
Acq: 29 Jul 2022 13:48

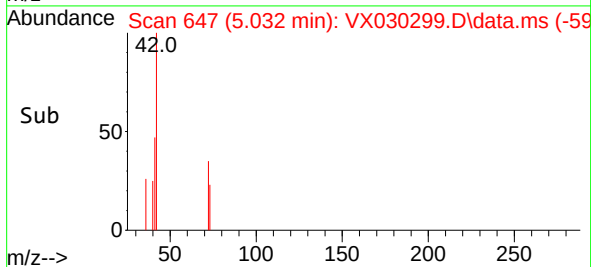
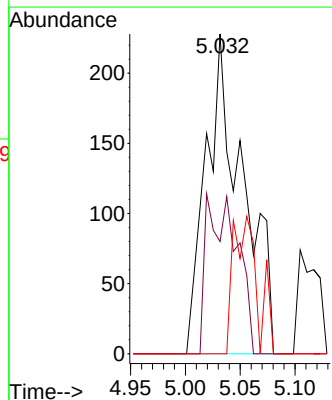
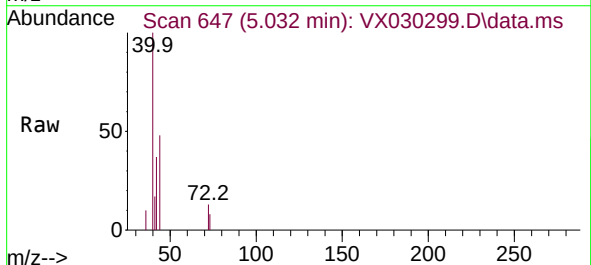
Instrument :
MSVOA_X
ClientSampleId :
IBLK

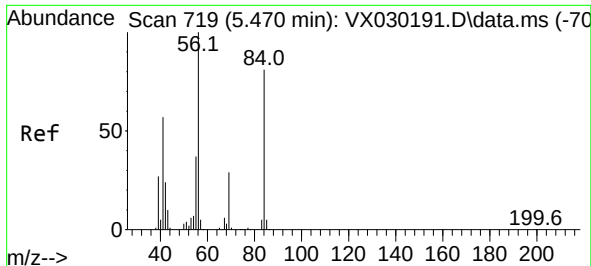
Tgt Ion: 43 Resp: 519
Ion Ratio Lower Upper
43 100
72 0.0 21.7 32.5#



#29
Tetrahydrofuran
Concen: 0.307 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.019 min
Lab File: VX030299.D
Acq: 29 Jul 2022 13:48

Tgt Ion: 42 Resp: 534
Ion Ratio Lower Upper
42 100
72 19.3 36.5 54.7#
71 0.0 33.9 50.9#

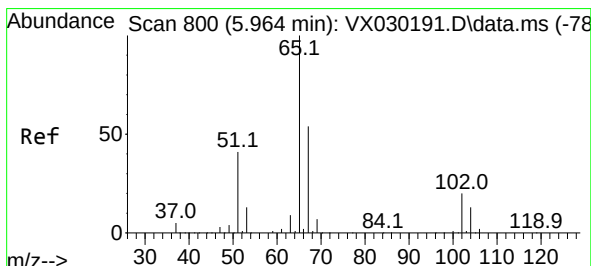
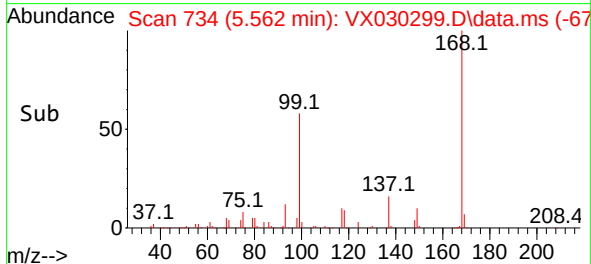
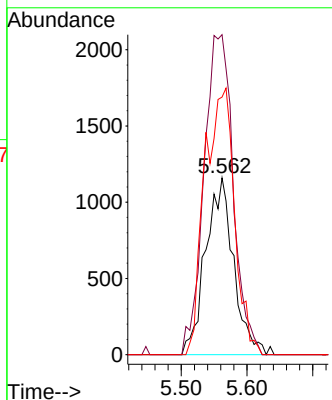
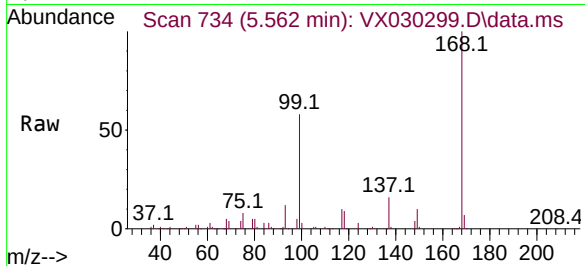




#31
Cyclohexane
Concen: 0.787 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.092 min
Lab File: VX030299.D
Acq: 29 Jul 2022 13:48

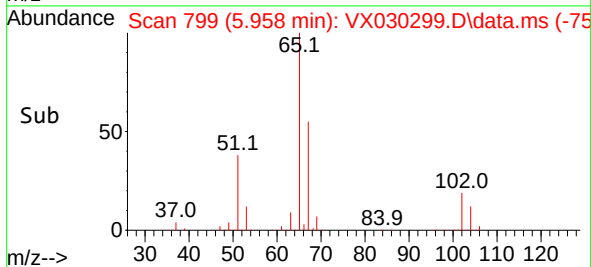
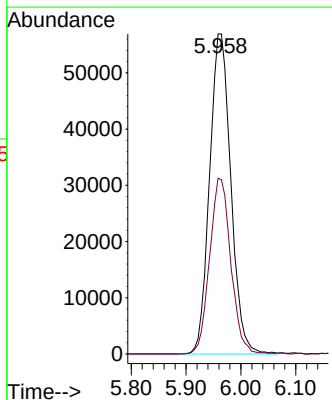
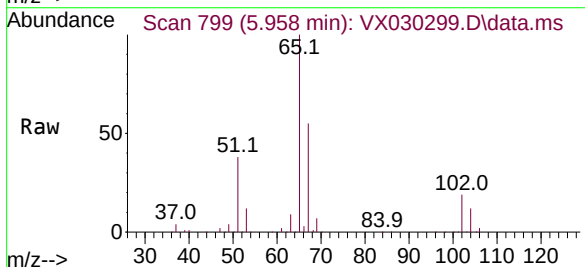
Instrument :
MSVOA_X
ClientSampleId :
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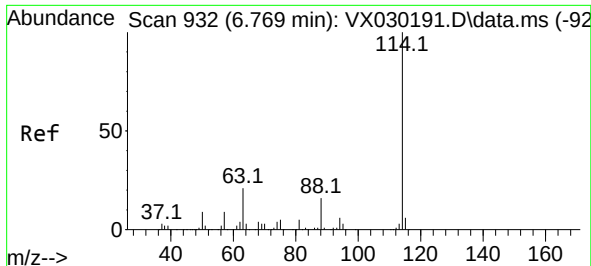
Tgt Ion: 56 Resp: 3436
Ion Ratio Lower Upper
56 100
69 180.9 25.4 38.0#
84 145.7 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 50.918 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX030299.D
Acq: 29 Jul 2022 13:48

Tgt Ion: 65 Resp: 153156
Ion Ratio Lower Upper
65 100
67 54.6 0.0 109.6

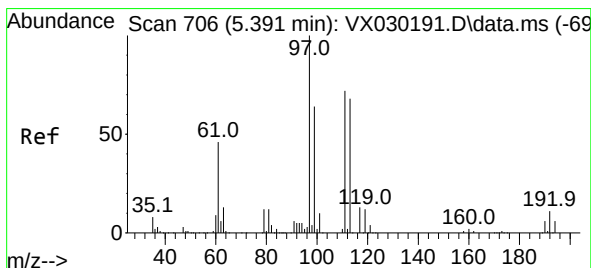
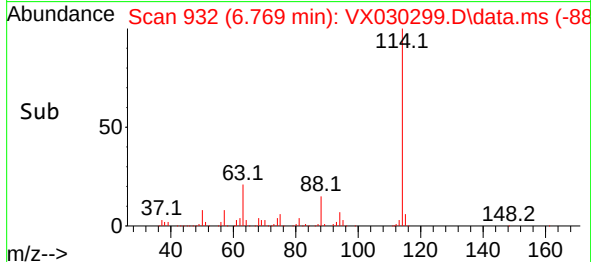
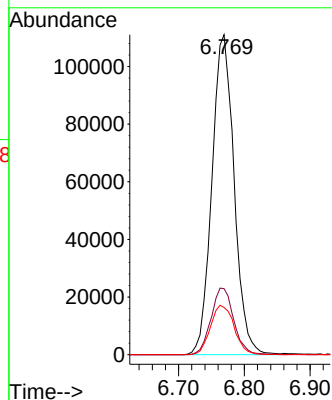
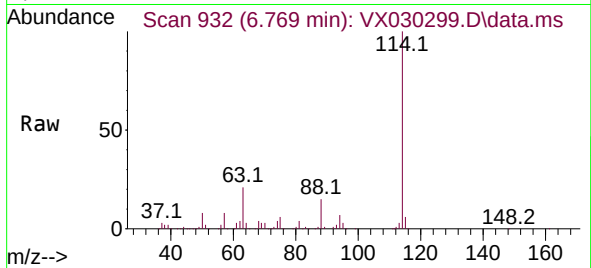




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX030299.D
Acq: 29 Jul 2022 13:48

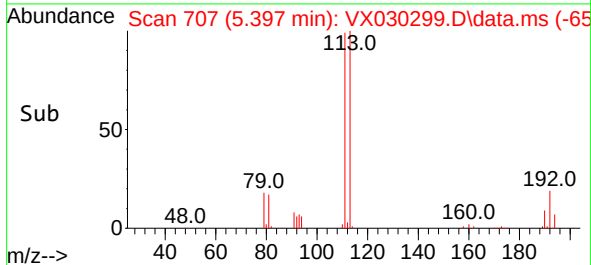
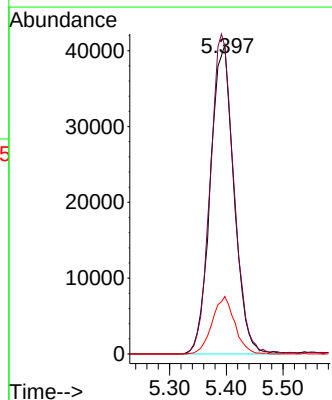
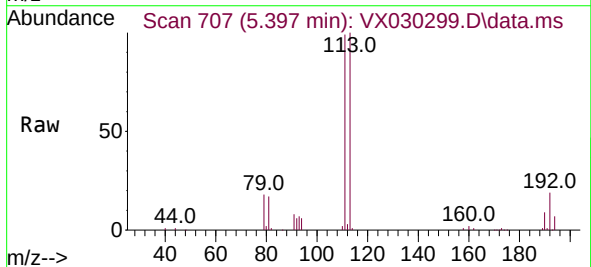
Instrument :
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IBLK

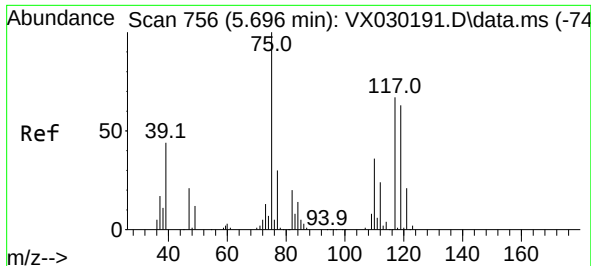
Tgt Ion:114 Resp: 260878
Ion Ratio Lower Upper
114 100
63 20.6 0.0 38.4
88 14.7 0.0 31.8



#35
Dibromofluoromethane
Concen: 47.270 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX030299.D
Acq: 29 Jul 2022 13:48

Tgt Ion:113 Resp: 117886
Ion Ratio Lower Upper
113 100
111 103.2 83.2 124.8
192 17.8 14.8 22.2

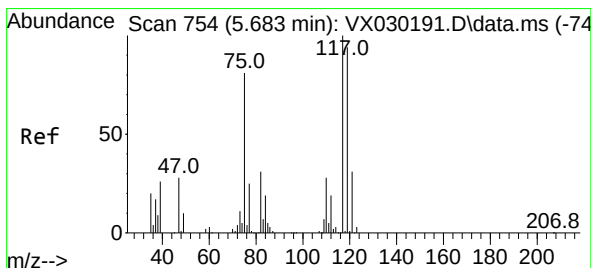
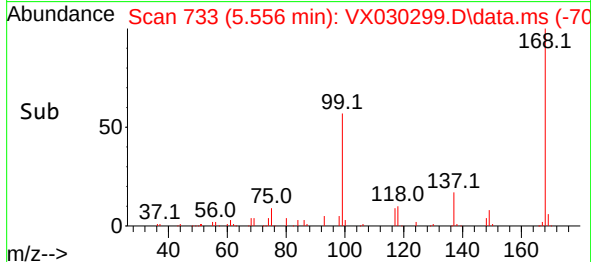
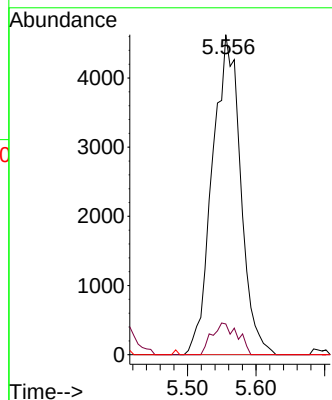
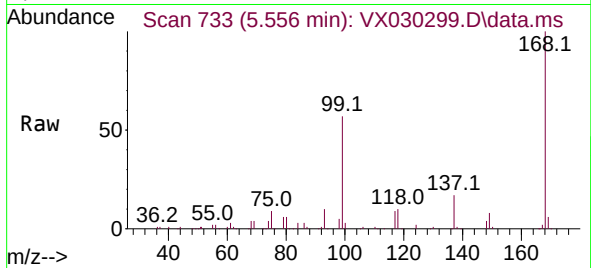




#36
1,1-Dichloropropene
Concen: 3.682 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX030299.D
Acq: 29 Jul 2022 13:48

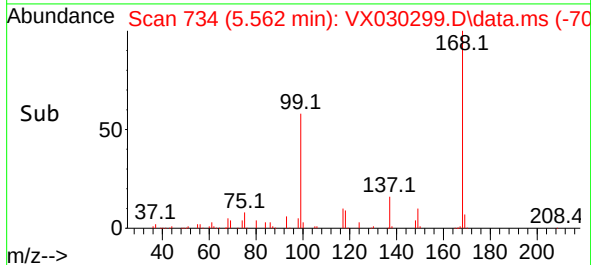
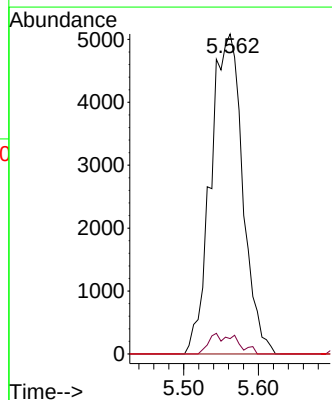
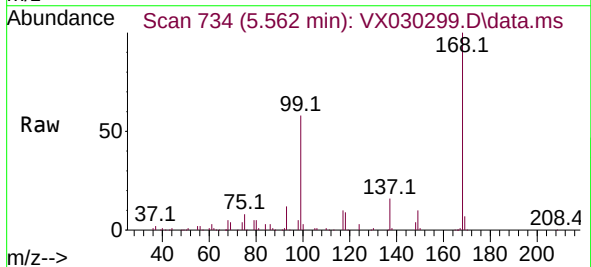
Instrument :
MSVOA_X
ClientSampleId :
IBLK

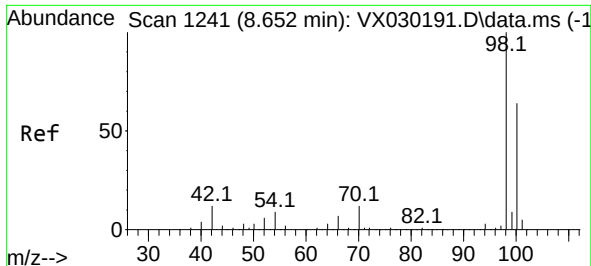
Tgt Ion: 75 Resp: 13214
Ion Ratio Lower Upper
75 100
110 9.1 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 4.514 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.121 min
Lab File: VX030299.D
Acq: 29 Jul 2022 13:48

Tgt Ion: 117 Resp: 15124
Ion Ratio Lower Upper
117 100
119 4.8 74.1 111.1#
121 0.0 25.8 38.8#

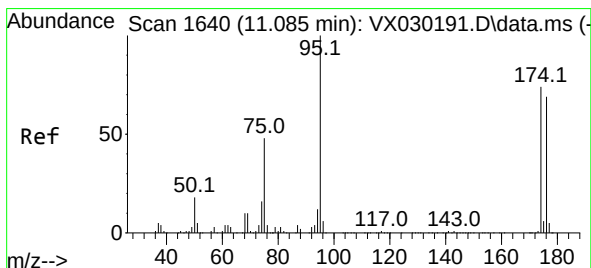
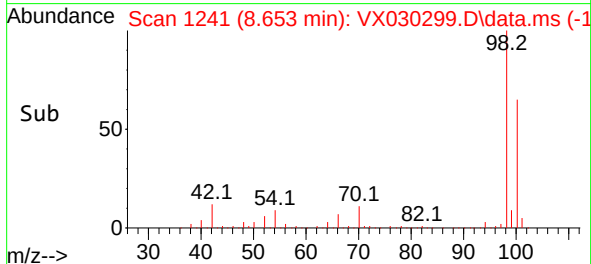
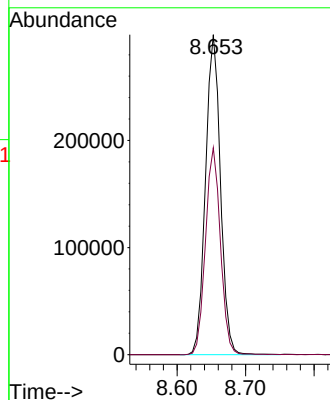
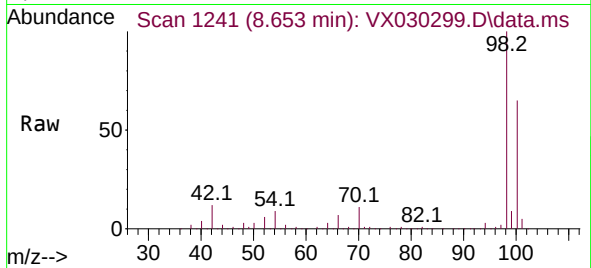




#50
Toluene-d8
Concen: 47.010 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX030299.D
Acq: 29 Jul 2022 13:48

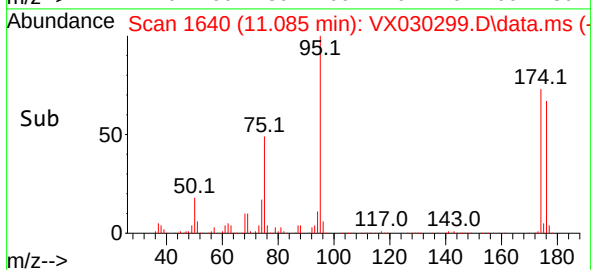
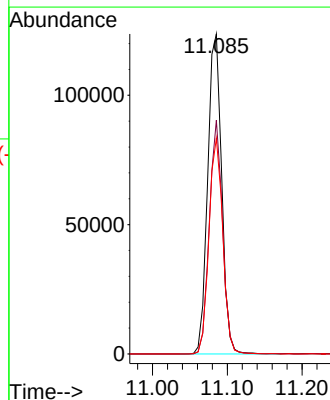
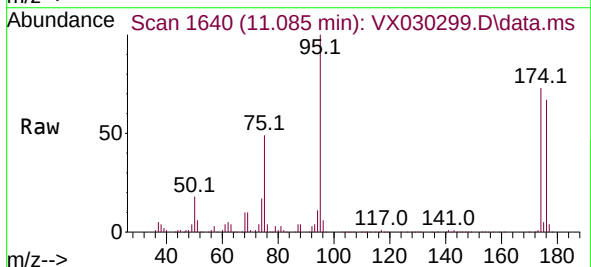
Instrument :
MSVOA_X
ClientSampleId :
IBLK

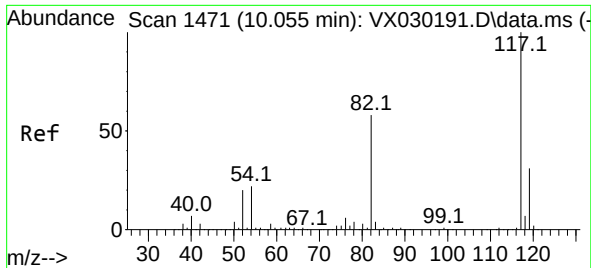
Tgt Ion: 98 Resp: 454015
Ion Ratio Lower Upper
98 100
100 64.7 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 44.689 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030299.D
Acq: 29 Jul 2022 13:48

Tgt Ion: 95 Resp: 160178
Ion Ratio Lower Upper
95 100
174 69.4 0.0 149.0
176 66.7 0.0 146.0

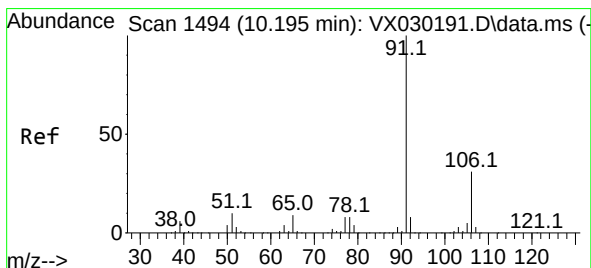
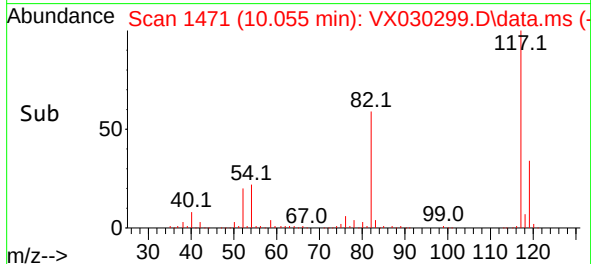
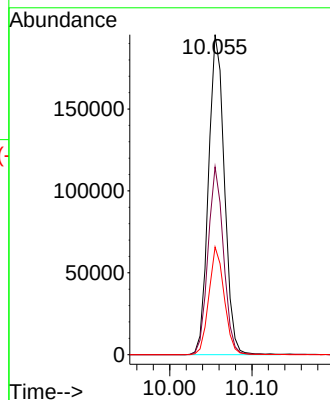
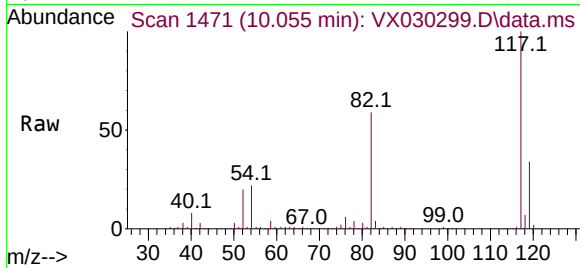




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030299.D
Acq: 29 Jul 2022 13:48

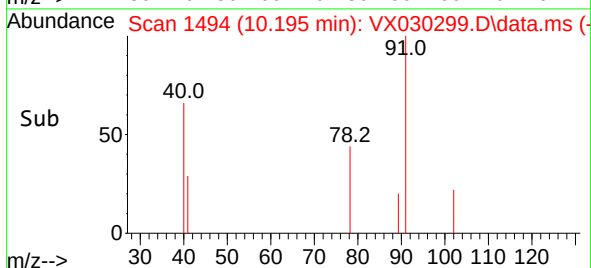
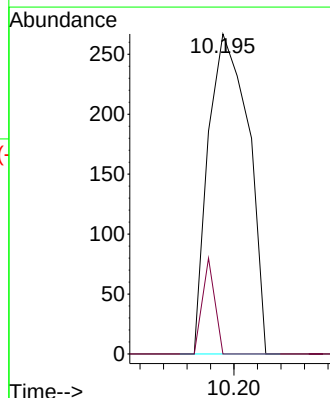
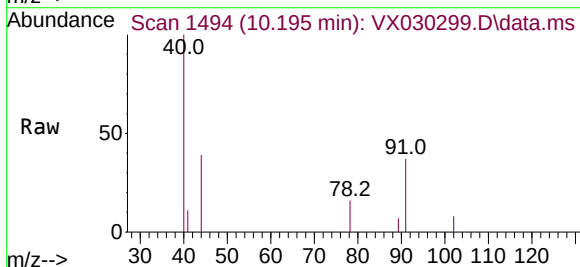
Instrument :
MSVOA_X
ClientSampleId :
IBLK

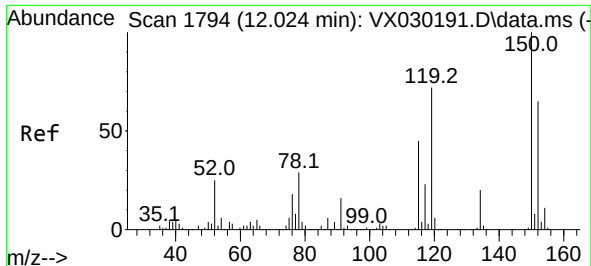
Tgt Ion:117 Resp: 262375
Ion Ratio Lower Upper
117 100
82 58.7 42.7 64.1
119 33.6 25.4 38.2



#67
Ethyl Benzene
Concen: Below Cal
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX030299.D
Acq: 29 Jul 2022 13:48

Tgt Ion: 91 Resp: 316
Ion Ratio Lower Upper
91 100
106 0.0 25.5 38.3#

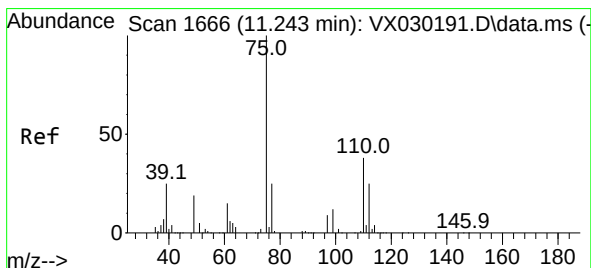
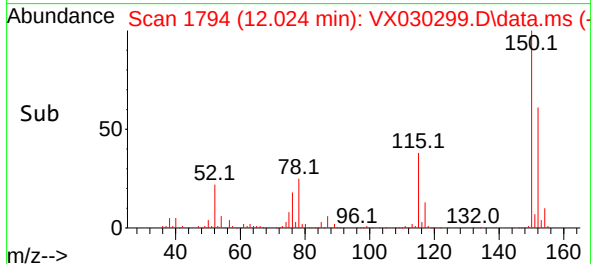
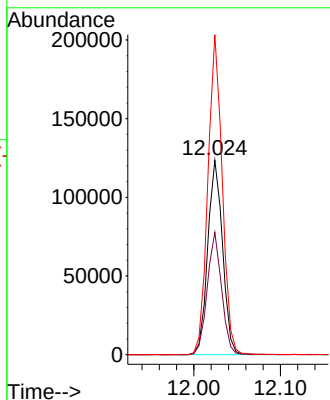
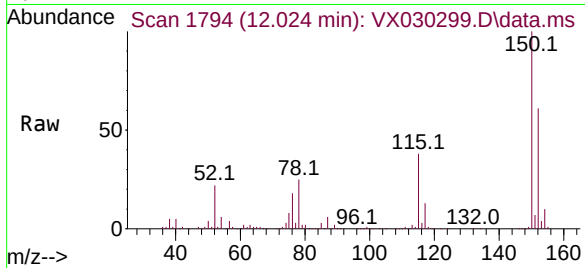




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX030299.D
 Acq: 29 Jul 2022 13:48

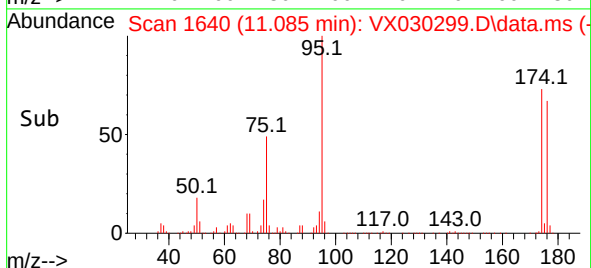
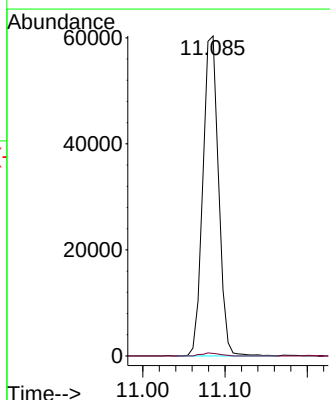
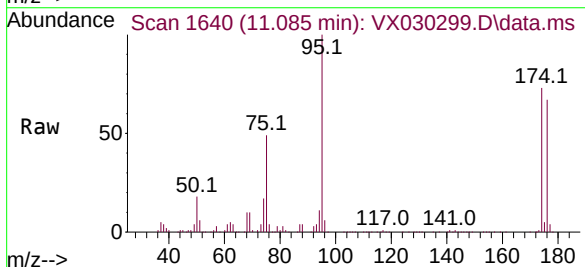
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

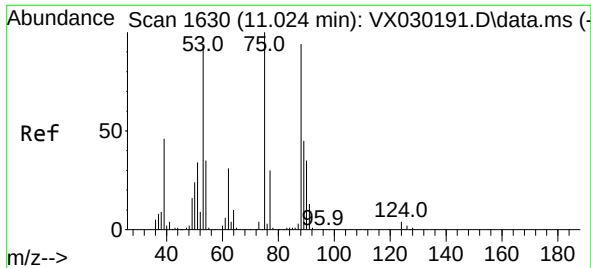
Tgt Ion:152 Resp: 147052
 Ion Ratio Lower Upper
 152 100
 115 60.8 40.5 121.5
 150 159.1 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 20.620 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.158 min
 Lab File: VX030299.D
 Acq: 29 Jul 2022 13:48

Tgt Ion: 75 Resp: 79928
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.859 ug/l
 RT: 11.085 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX030299.D
 Acq: 29 Jul 2022 13:48

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Tgt Ion: 75 Resp: 79928
 Ion Ratio Lower Upper
 75 100
 53 0.1 74.2 111.4#
 89 0.0 34.8 52.2#

