

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042722\
 Data File : VX028389.D
 Acq On : 27 Apr 2022 19:25
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Apr 28 04:26:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

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

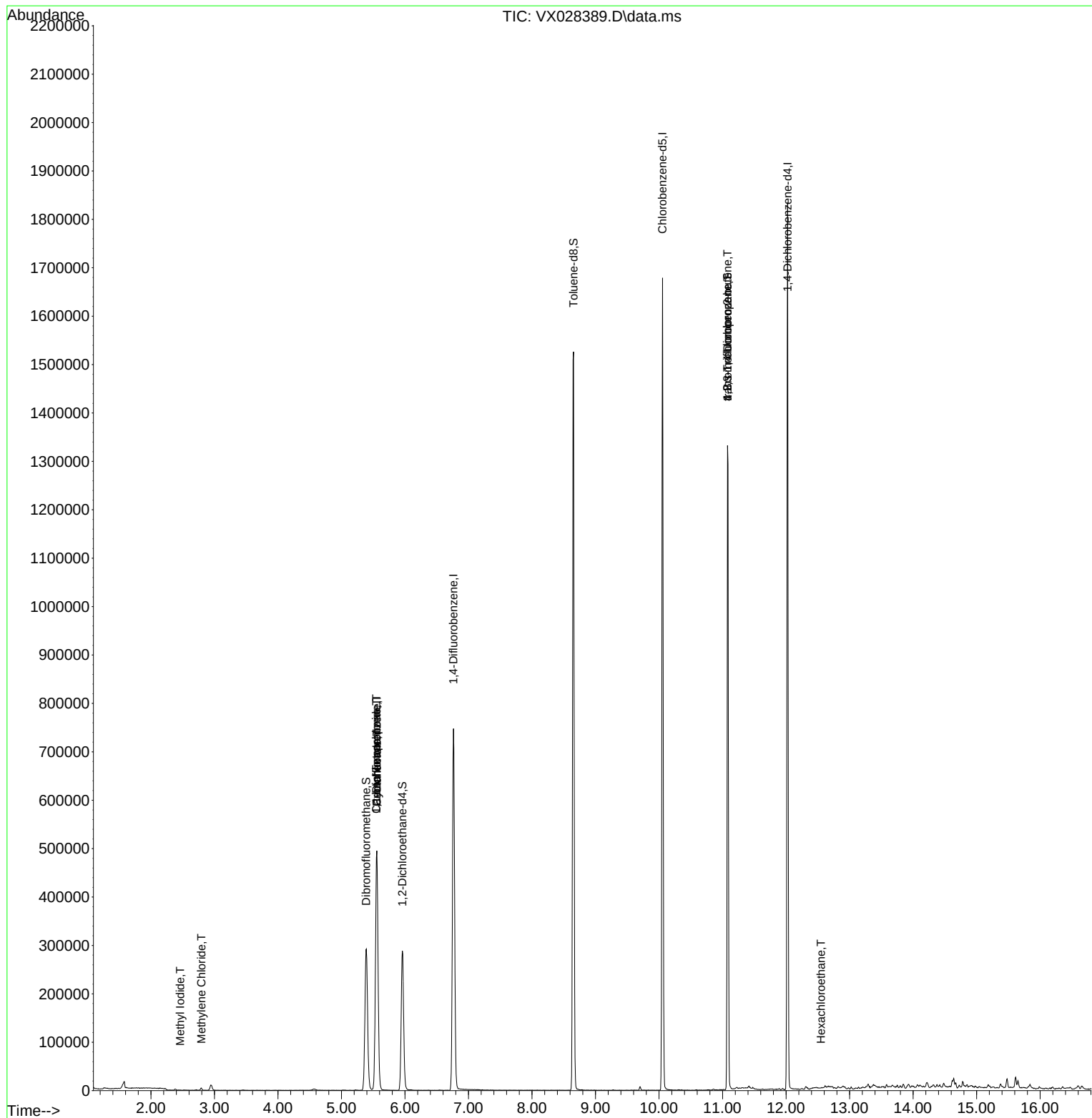
Internal Standards						
1) Pentafluorobenzene	5.556	168	506255	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	821843	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	775340	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	387449	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	272849	41.335	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	82.660%
35) Dibromofluoromethane	5.385	113	257524	44.682	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	89.360%
50) Toluene-d8	8.653	98	946690	42.766	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	85.540%
62) 4-Bromofluorobenzene	11.079	95	355866	42.044	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	84.080%
Target Compounds						Qvalue
3) Chloromethane	1.288	50	451	Below Cal		95
5) Bromomethane	1.611	94	787	Below Cal		89
6) Chloroethane	1.685	64	204	Below Cal		97
8) Diethyl Ether	1.861	74	31	Below Cal	#	1
10) Methyl Iodide	2.459	142	455	5.307	ug/l #	82
11) Tert butyl alcohol	2.940	59	6269	Below Cal	#	72
16) Acetone	2.380	43	2441	Below Cal		96
20) Methylene Chloride	2.794	84	1803	0.368	ug/l #	83
31) Cyclohexane	5.556	56	8516	1.059	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	33473	4.452	ug/l #	50
38) Carbon Tetrachloride	5.550	117	47271	5.570	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	173056	22.695	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	173056	67.444	ug/l #	15
90) Hexachloroethane	12.548	117	53	1.826	ug/l #	10

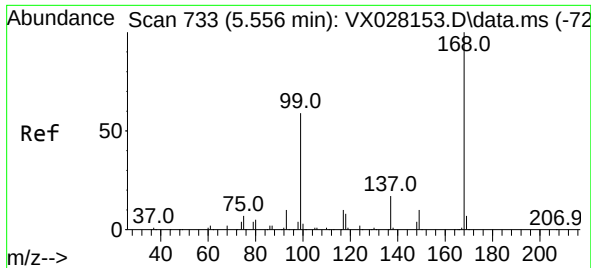
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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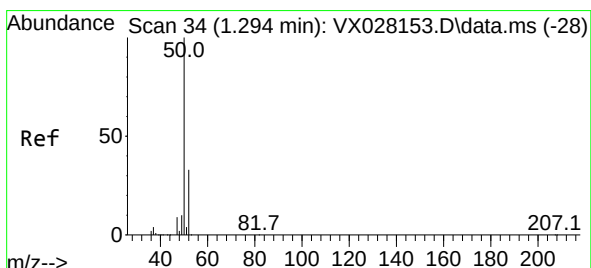
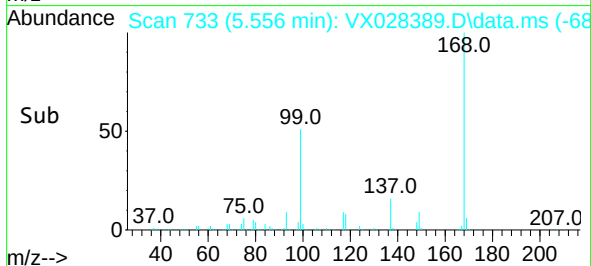
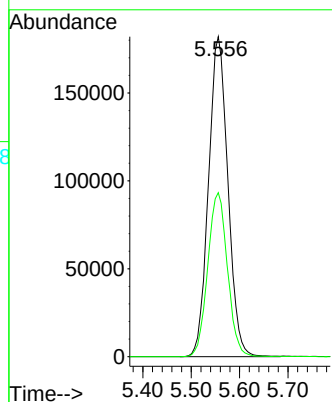
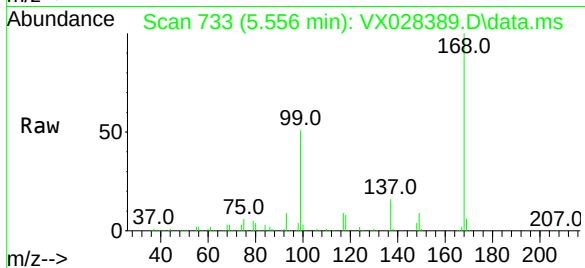




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028389.D
Acq: 27 Apr 2022 19:25

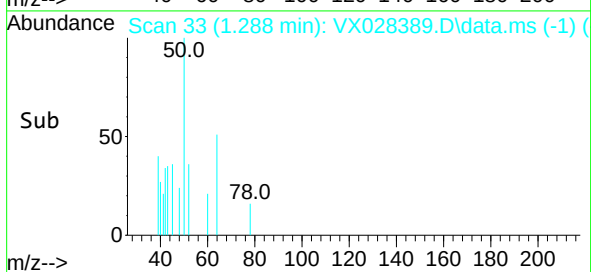
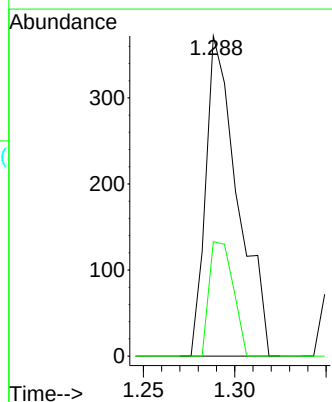
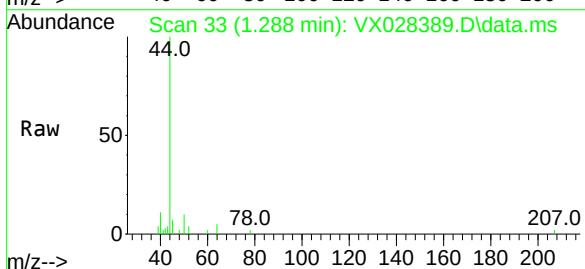
Instrument :
MSVOA_X
ClientSampleId :
IBLK

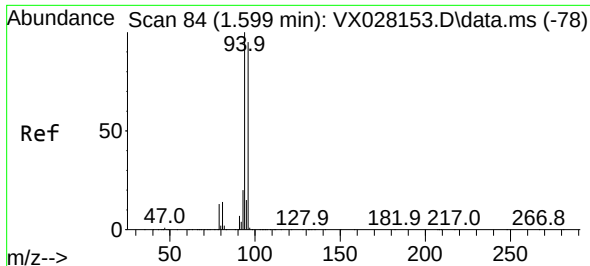
Tgt Ion:168 Resp: 506255
Ion Ratio Lower Upper
168 100
99 51.3 41.7 62.5



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. -0.006 min
Lab File: VX028389.D
Acq: 27 Apr 2022 19:25

Tgt Ion: 50 Resp: 451
Ion Ratio Lower Upper
50 100
52 35.8 26.4 39.6

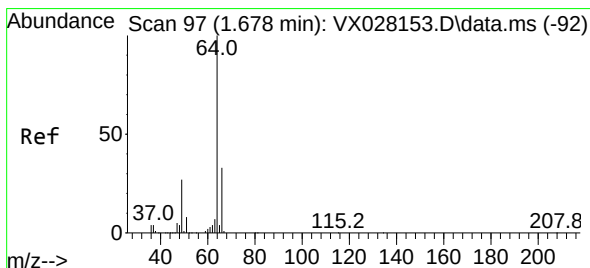
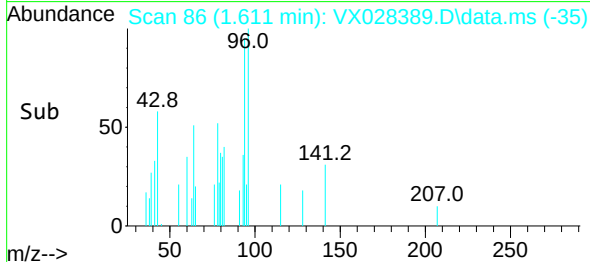
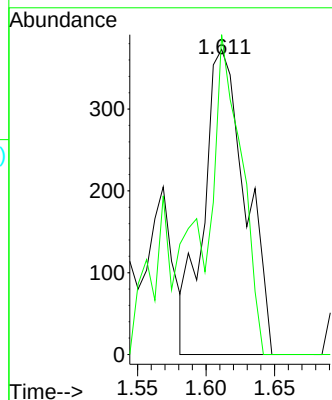
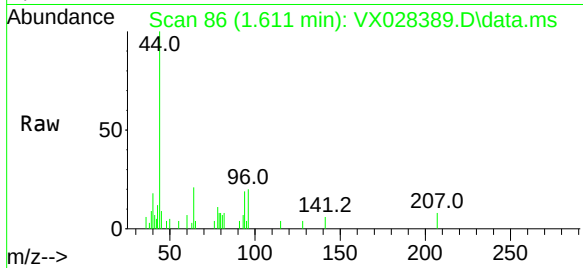




#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX028389.D
Acq: 27 Apr 2022 19:25

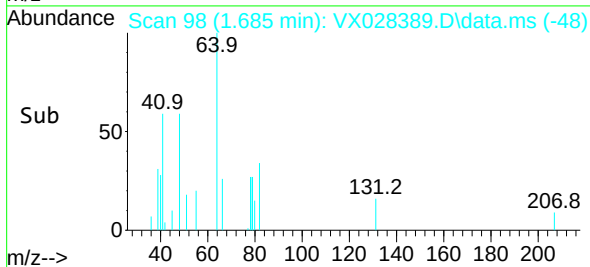
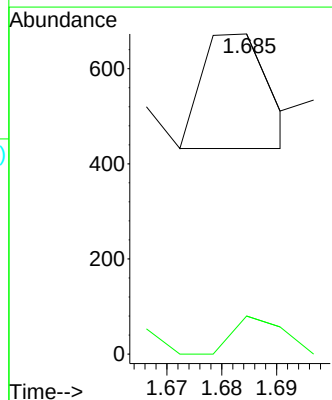
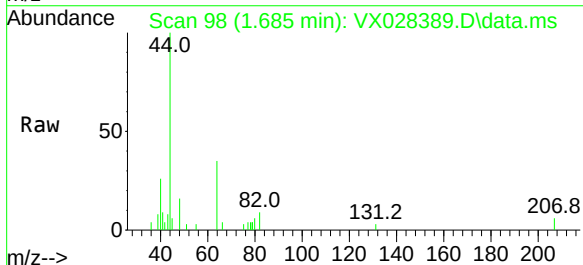
Instrument :
MSVOA_X
ClientSampleId :
IBLK

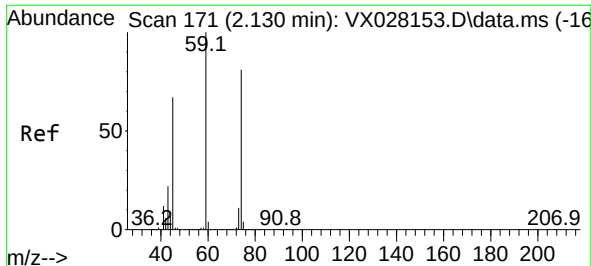
Tgt Ion: 94 Resp: 787
Ion Ratio Lower Upper
94 100
96 104.8 75.3 112.9



#6
Chloroethane
Concen: Below Cal
RT: 1.685 min Scan# 98
Delta R.T. 0.007 min
Lab File: VX028389.D
Acq: 27 Apr 2022 19:25

Tgt Ion: 64 Resp: 204
Ion Ratio Lower Upper
64 100
66 33.2 25.3 37.9

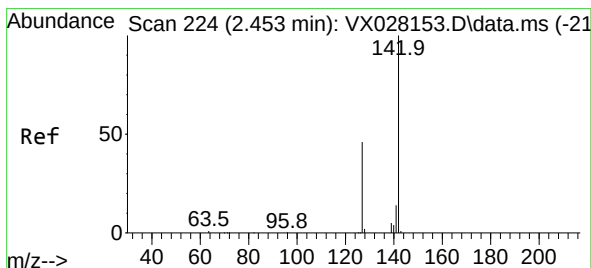
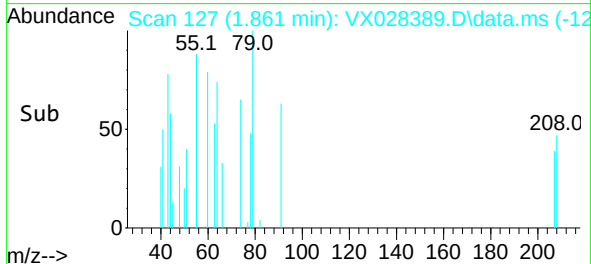
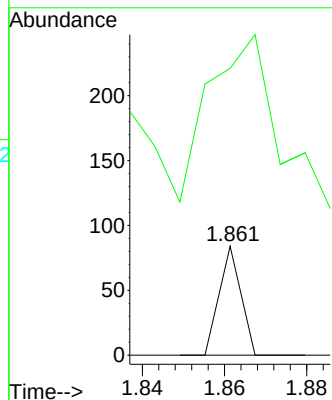
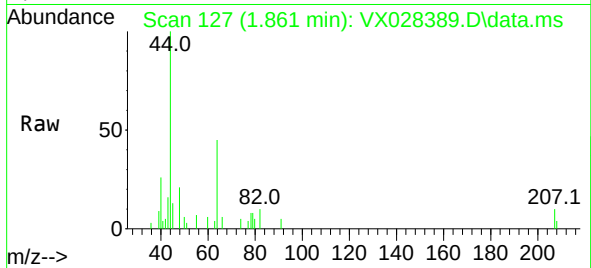




#8
Diethyl Ether
Concen: Below Cal
RT: 1.861 min Scan# 11
Delta R.T. -0.269 min
Lab File: VX028389.D
Acq: 27 Apr 2022 19:25

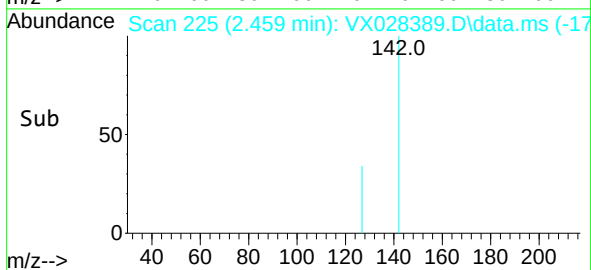
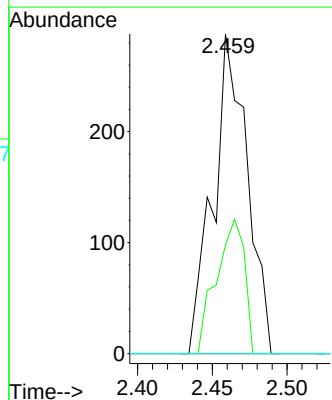
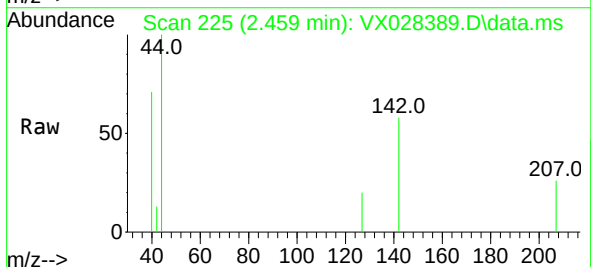
Instrument :
MSVOA_X
ClientSampleId :
IBLK

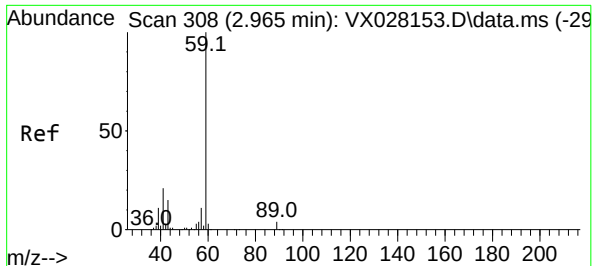
Tgt Ion: 74 Resp: 31
Ion Ratio Lower Upper
74 100
45 490.3 42.0 126.0#



#10
Methyl Iodide
Concen: 5.307 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX028389.D
Acq: 27 Apr 2022 19:25

Tgt Ion:142 Resp: 455
Ion Ratio Lower Upper
142 100
127 34.9 33.9 50.9
141 0.0 11.4 17.2#

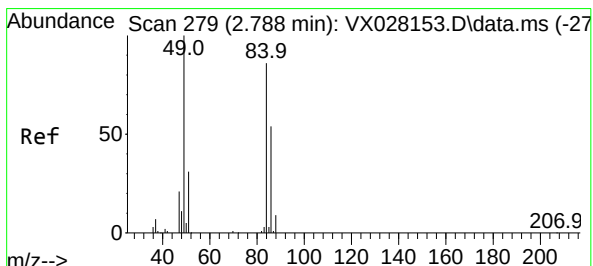
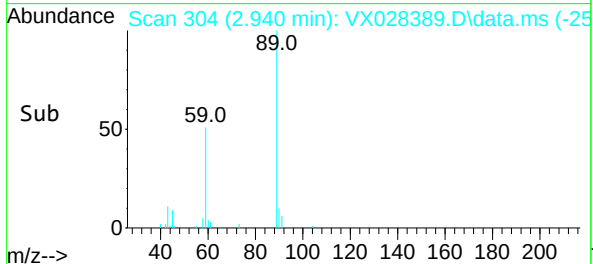
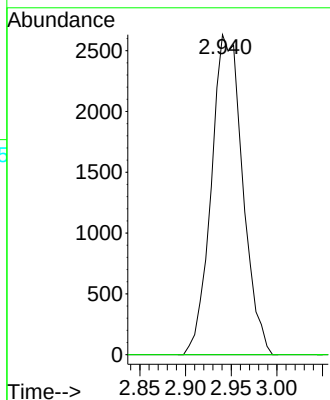
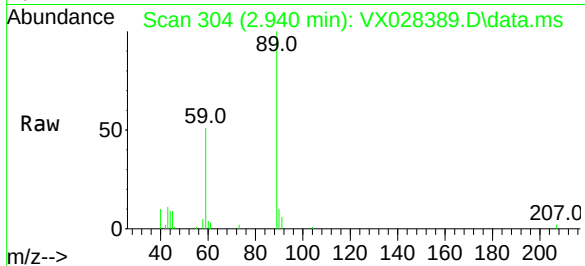




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.940 min Scan# 308
Delta R.T. -0.025 min
Lab File: VX028389.D
Acq: 27 Apr 2022 19:25

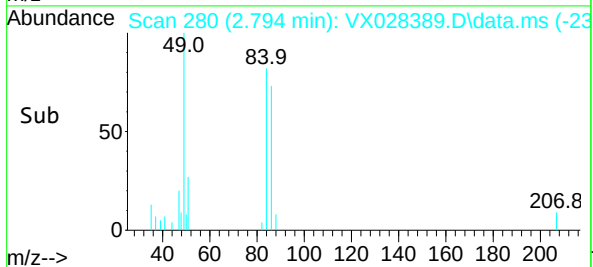
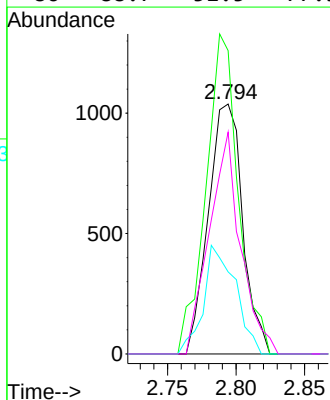
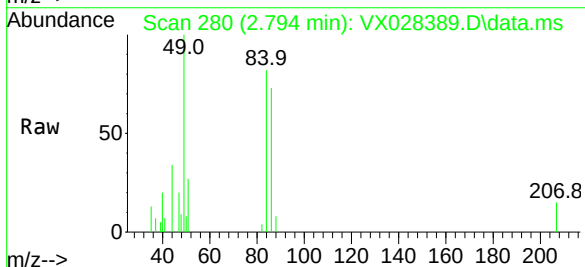
Instrument :
MSVOA_X
ClientSampleId :
IBLK

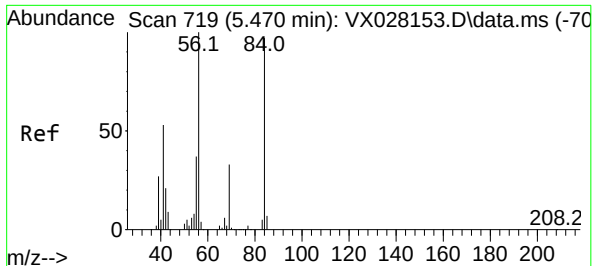
Tgt Ion: 59 Resp: 6269
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#20
Methylene Chloride
Concen: 0.368 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX028389.D
Acq: 27 Apr 2022 19:25

Tgt Ion: 84 Resp: 1803
Ion Ratio Lower Upper
84 100
49 121.4 85.5 128.3
51 32.9 26.6 39.8
86 88.7 51.5 77.3#

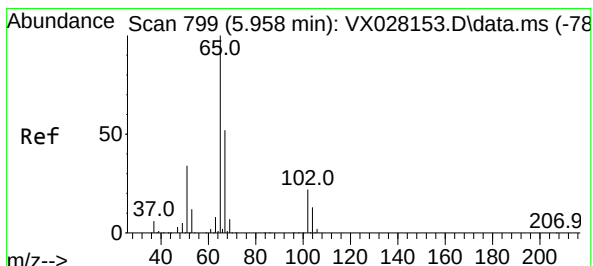
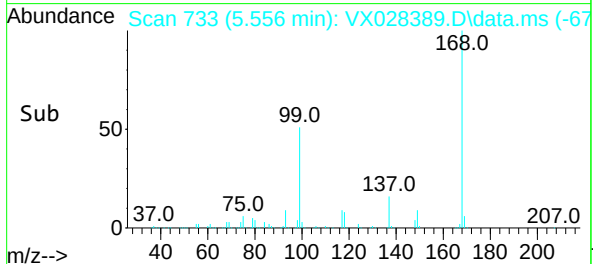
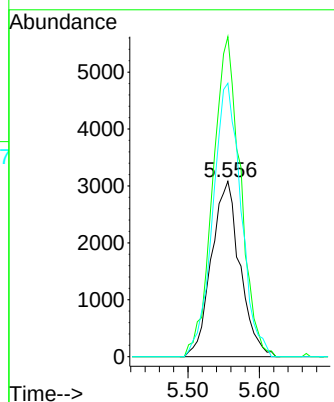
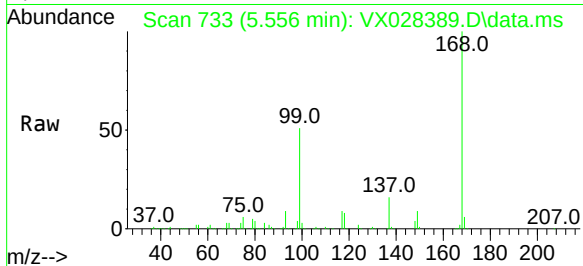




#31
Cyclohexane
Concen: 1.059 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX028389.D
Acq: 27 Apr 2022 19:25

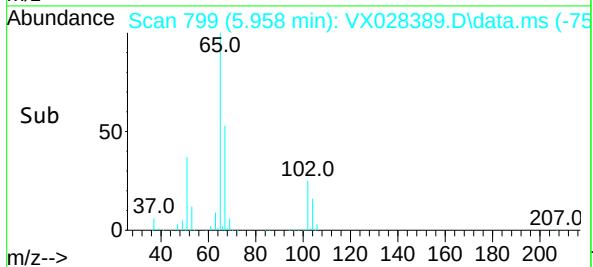
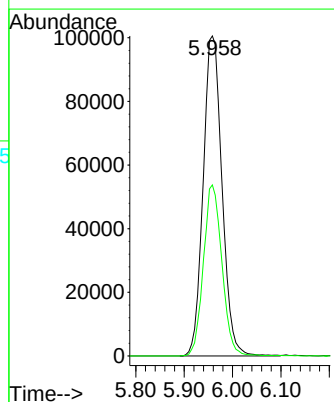
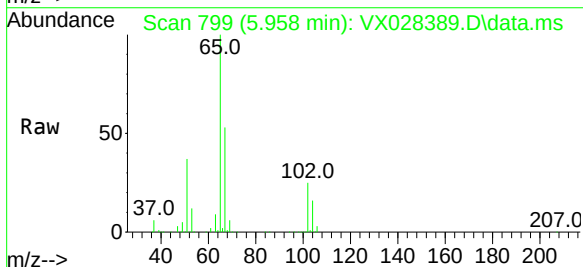
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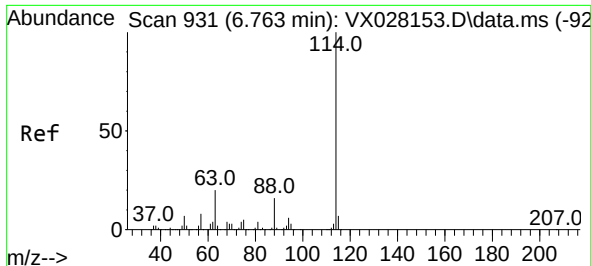
Tgt Ion: 56 Resp: 8516
Ion Ratio Lower Upper
56 100
69 182.5 26.7 40.1#
84 156.0 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 41.335 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028389.D
Acq: 27 Apr 2022 19:25

Tgt Ion: 65 Resp: 272849
Ion Ratio Lower Upper
65 100
67 52.4 0.0 107.4

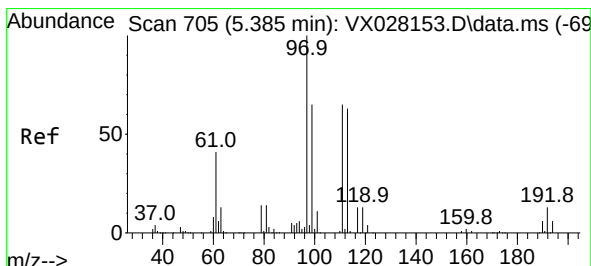
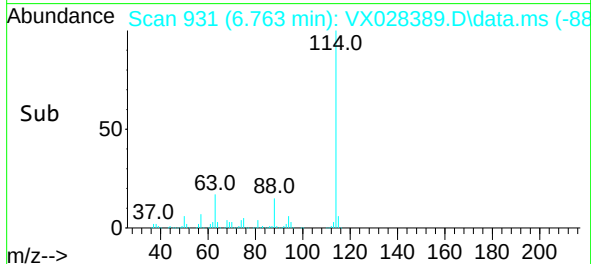
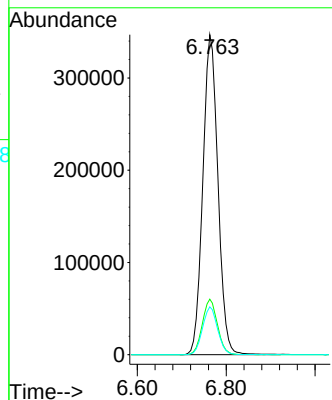
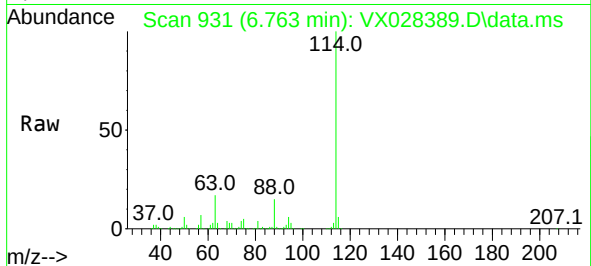




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX028389.D
Acq: 27 Apr 2022 19:25

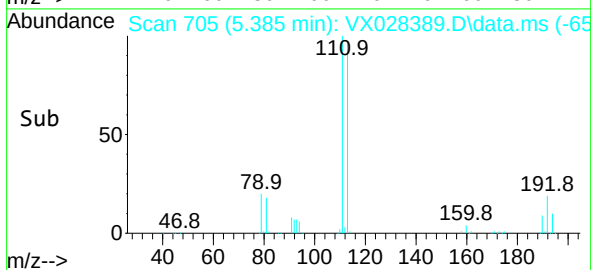
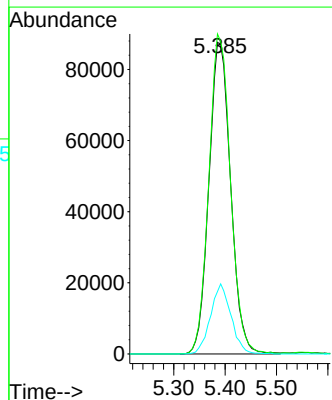
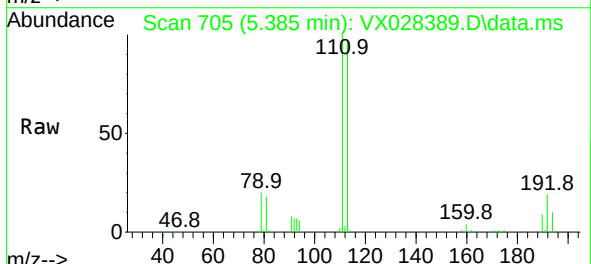
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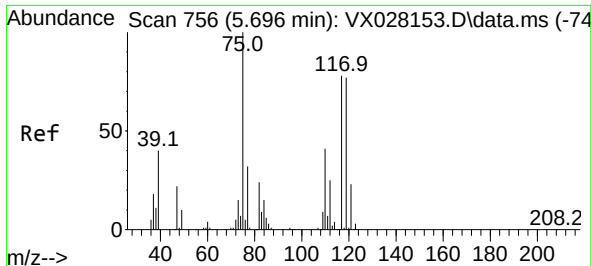
Tgt Ion:114 Resp: 821843
Ion Ratio Lower Upper
114 100
63 17.3 0.0 36.8
88 15.0 0.0 32.4



#35
Dibromofluoromethane
Concen: 44.682 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX028389.D
Acq: 27 Apr 2022 19:25

Tgt Ion:113 Resp: 257524
Ion Ratio Lower Upper
113 100
111 102.3 82.8 124.2
192 21.2 16.9 25.3

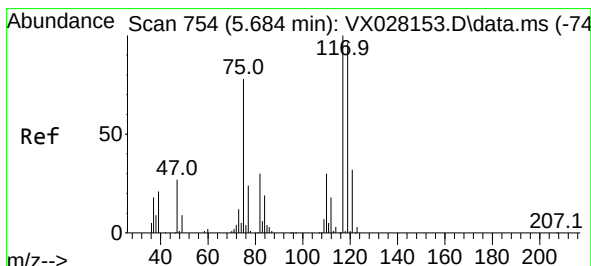
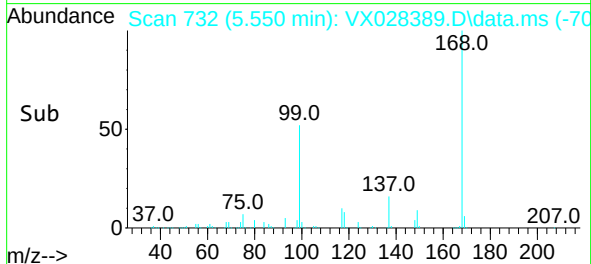
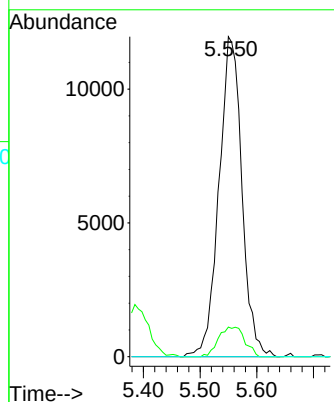
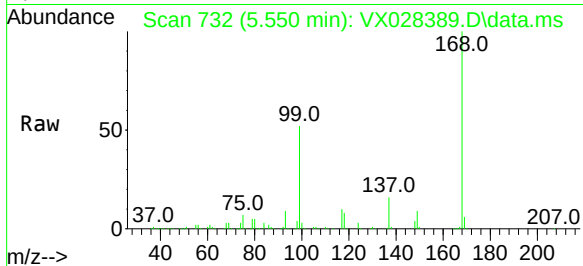




#36
1,1-Dichloropropene
Concen: 4.452 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.146 min
Lab File: VX028389.D
Acq: 27 Apr 2022 19:25

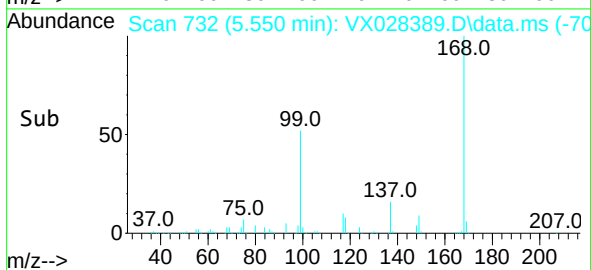
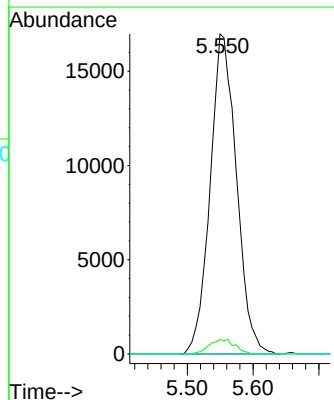
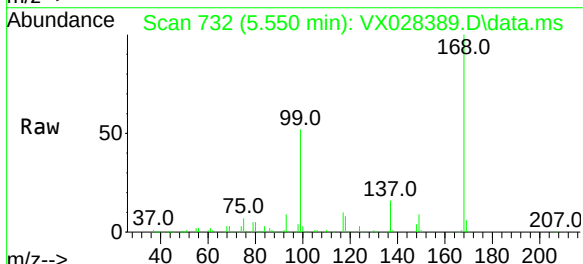
Instrument :
MSVOA_X
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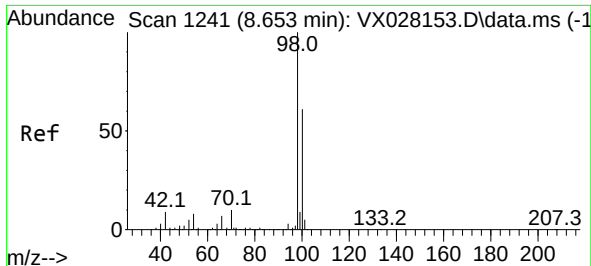
Tgt Ion: 75 Resp: 33473
Ion Ratio Lower Upper
75 100
110 10.6 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.570 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX028389.D
Acq: 27 Apr 2022 19:25

Tgt Ion: 117 Resp: 47271
Ion Ratio Lower Upper
117 100
119 4.5 77.3 115.9#
121 0.0 24.2 36.2#

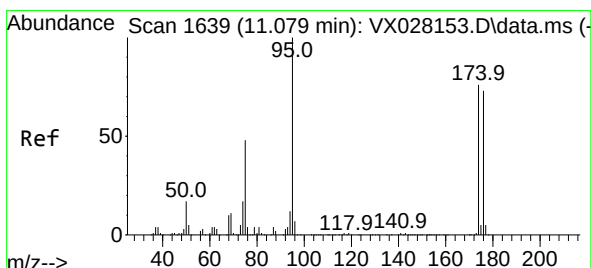
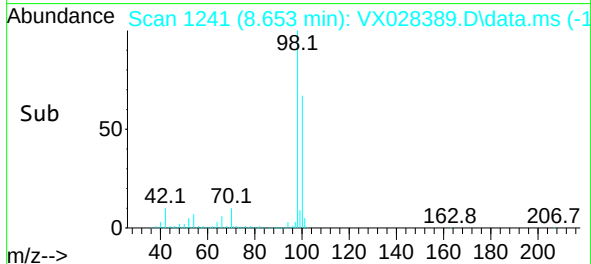
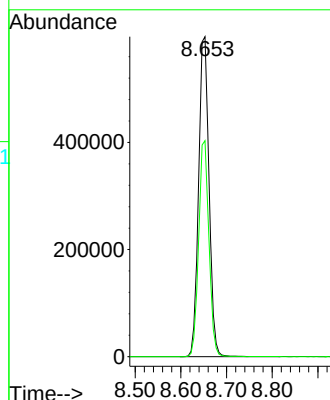
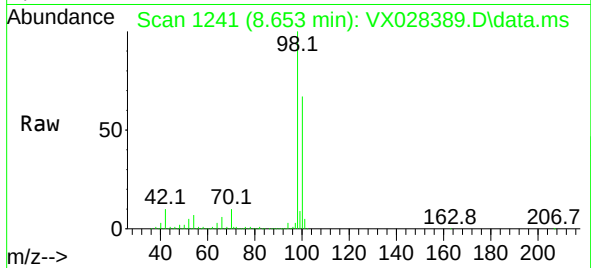




#50
Toluene-d8
Concen: 42.766 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028389.D
Acq: 27 Apr 2022 19:25

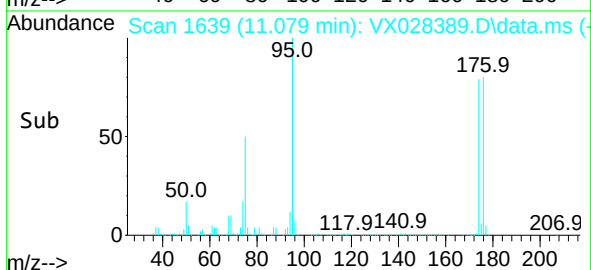
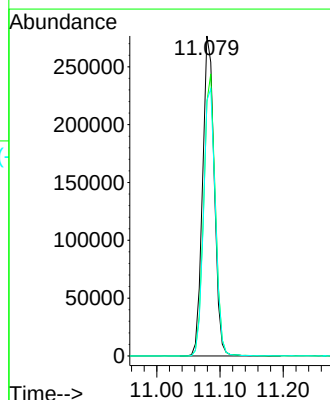
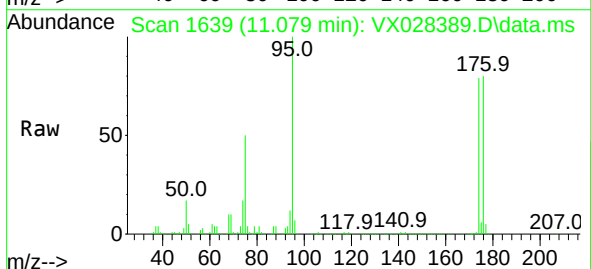
Instrument :
MSVOA_X
ClientSampleId :
IBLK

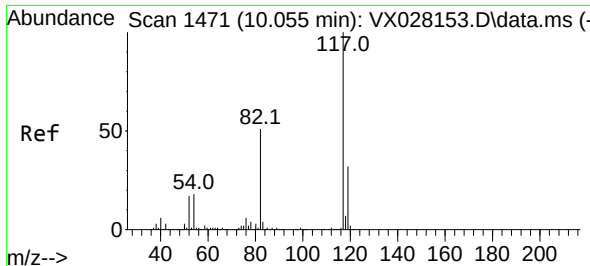
Tgt Ion: 98 Resp: 946690
Ion Ratio Lower Upper
98 100
100 66.4 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 42.044 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028389.D
Acq: 27 Apr 2022 19:25

Tgt Ion: 95 Resp: 355866
Ion Ratio Lower Upper
95 100
174 87.6 0.0 163.0
176 85.0 0.0 155.0

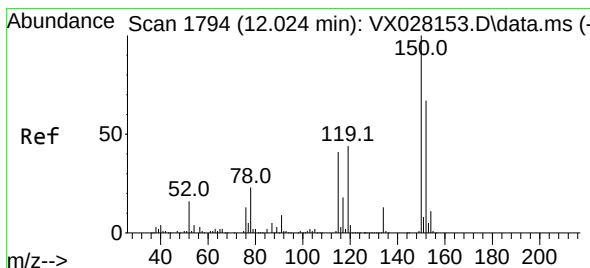
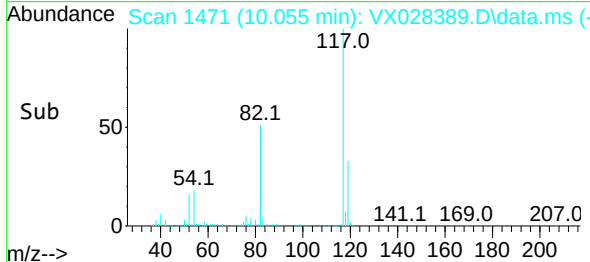
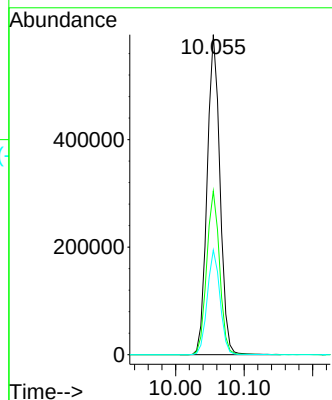
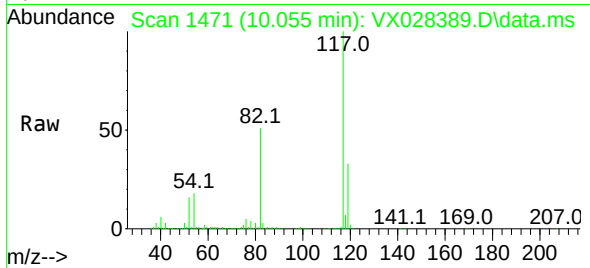




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028389.D
Acq: 27 Apr 2022 19:25

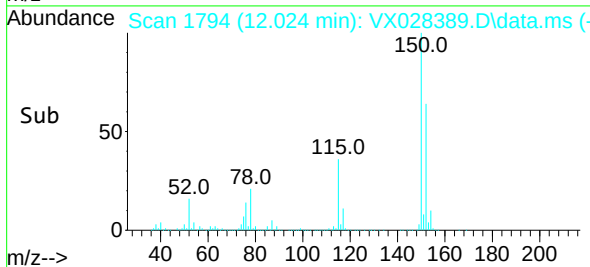
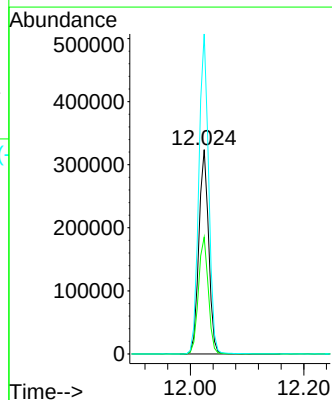
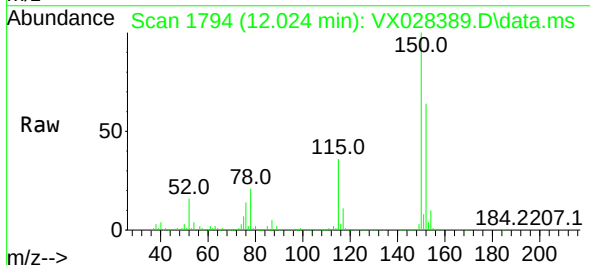
Instrument :
MSVOA_X
ClientSampleId :
IBLK

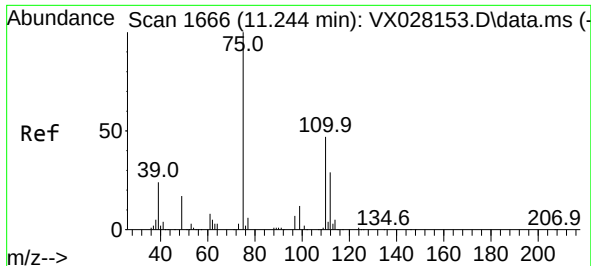
Tgt Ion:117 Resp: 775340
Ion Ratio Lower Upper
117 100
82 51.2 41.8 62.8
119 32.7 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028389.D
Acq: 27 Apr 2022 19:25

Tgt Ion:152 Resp: 387449
Ion Ratio Lower Upper
152 100
115 57.6 37.5 112.7
150 157.3 0.0 338.2

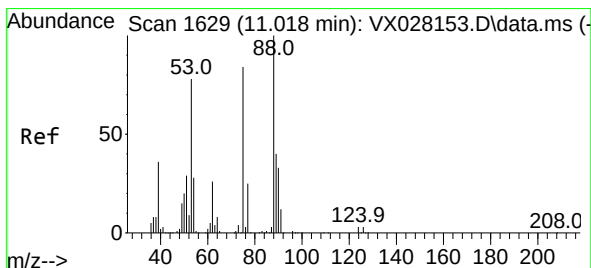
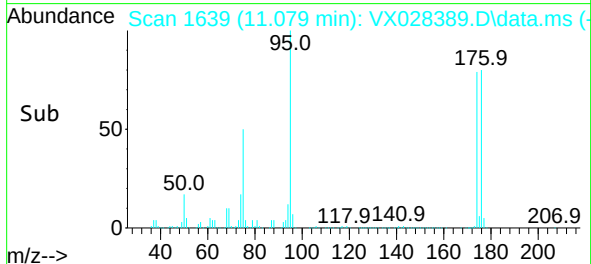
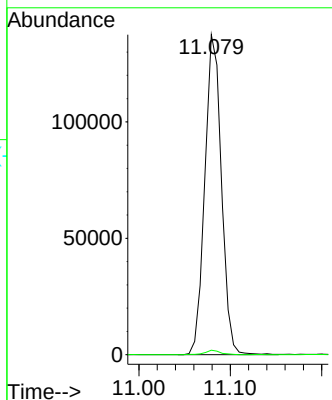
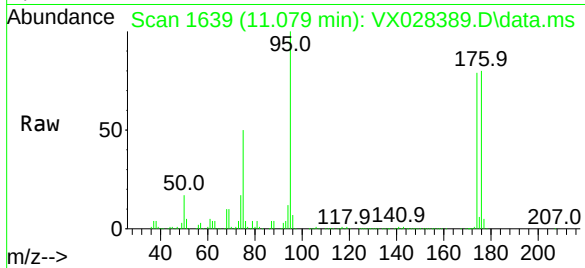




#76
1,2,3-Trichloropropane
Concen: 22.695 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX028389.D
Acq: 27 Apr 2022 19:25

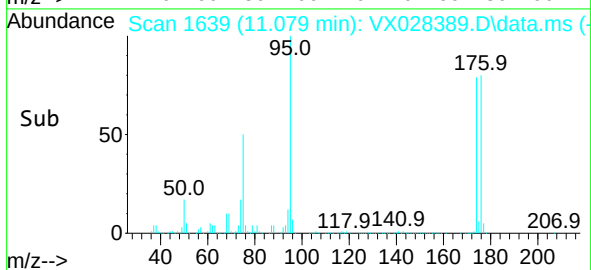
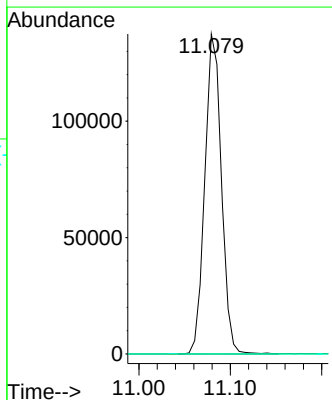
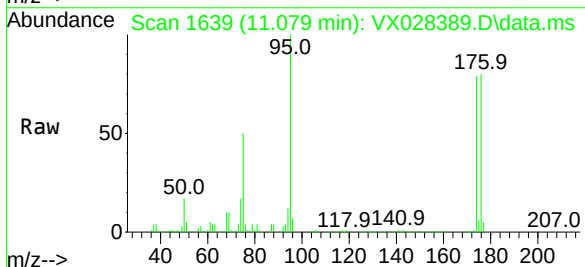
Instrument :
MSVOA_X
ClientSampleId :
IBLK

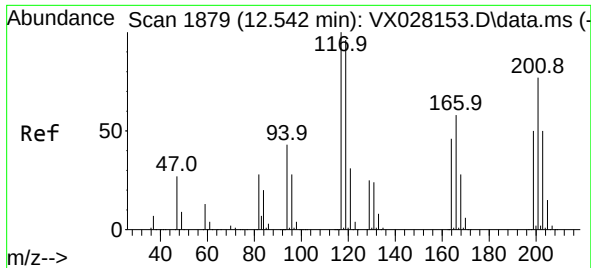
Tgt Ion: 75 Resp: 173056
Ion Ratio Lower Upper
75 100
77 1.3 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.444 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028389.D
Acq: 27 Apr 2022 19:25

Tgt Ion: 75 Resp: 173056
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#





#90
 Hexachloroethane
 Concen: 1.826 ug/l
 RT: 12.548 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX028389.D
 Acq: 27 Apr 2022 19:25

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Tgt Ion:117 Resp: 53
 Ion Ratio Lower Upper
 117 100
 201 0.0 39.5 118.5#

