

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042022\
 Data File : VX028193.D
 Acq On : 20 Apr 2022 13:25
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Apr 21 06:11:39 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)

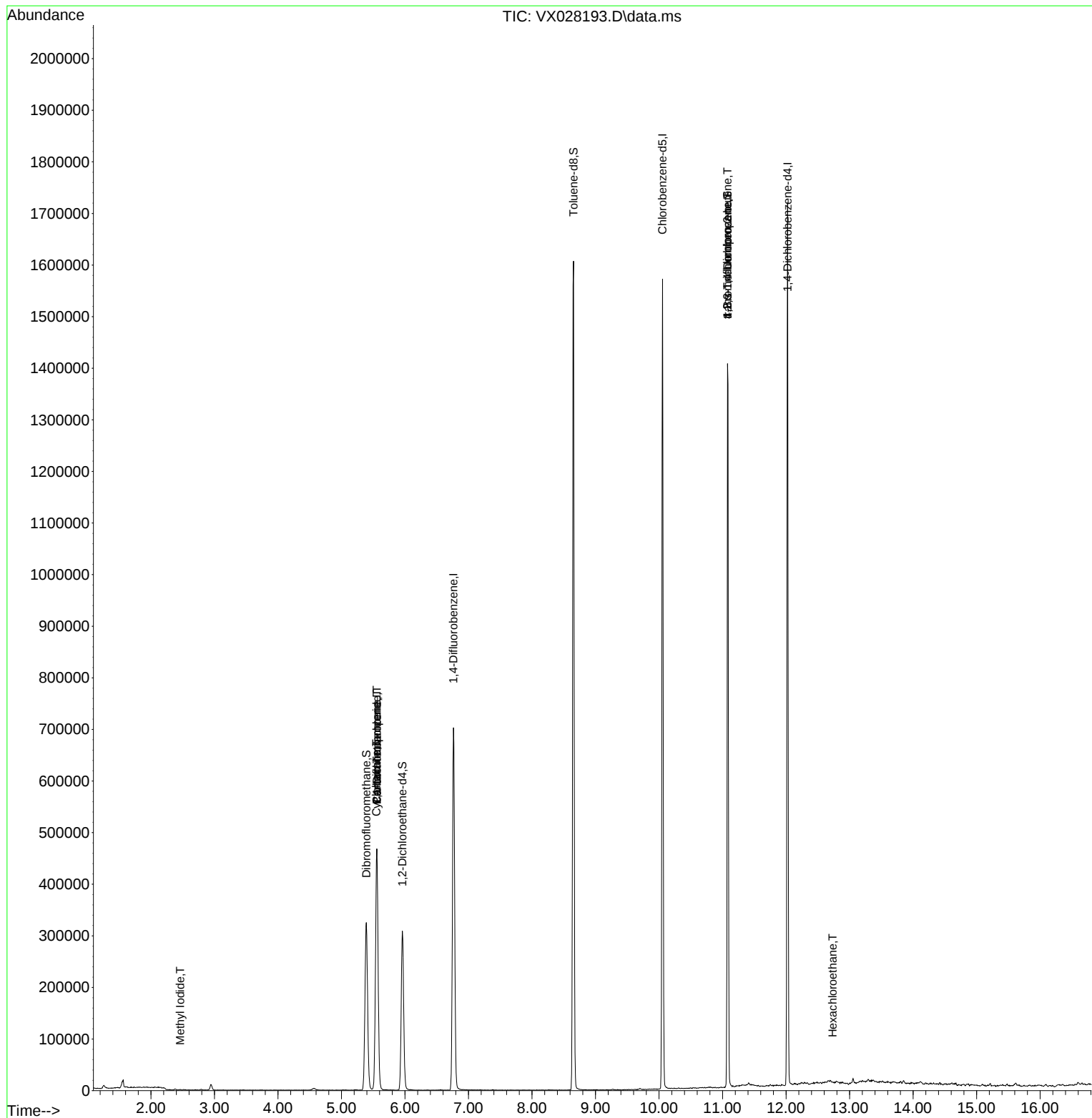
Internal Standards						
1) Pentafluorobenzene	5.556	168	466516	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	779876	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	728497	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	356840	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	294322	48.386	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.780%
35) Dibromofluoromethane	5.391	113	282411	51.637	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	103.280%
50) Toluene-d8	8.653	98	997472	47.485	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	94.960%
62) 4-Bromofluorobenzene	11.079	95	376293	46.850	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	93.700%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	502	Below Cal	#	86
5) Bromomethane	1.618	94	894	Below Cal		84
6) Chloroethane	1.660	64	305	Below Cal	#	85
10) Methyl Iodide	2.459	142	1051	5.417 ug/l	#	94
11) Tert butyl alcohol	2.940	59	5888	Below Cal	#	72
16) Acetone	2.374	43	1754	Below Cal		96
31) Cyclohexane	5.550	56	8283	1.118 ug/l	#	6
36) 1,1-Dichloropropene	5.556	75	32151	4.507 ug/l	#	50
38) Carbon Tetrachloride	5.556	117	45000	5.588 ug/l	#	16
76) 1,2,3-Trichloropropane	11.079	75	181444	25.836 ug/l	#	38
81) trans-1,4-Dichloro-2-b...	11.079	75	181444	76.779 ug/l	#	15
90) Hexachloroethane	12.731	117	152	1.850 ug/l		59

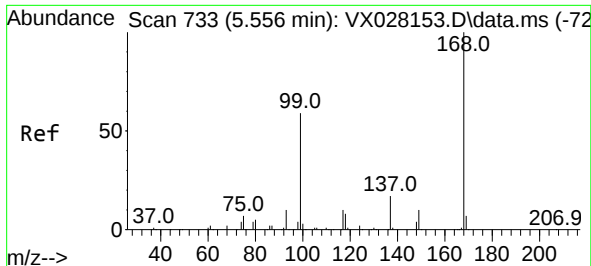
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042022\
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IBLK

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
Quant Title : SW846 8260
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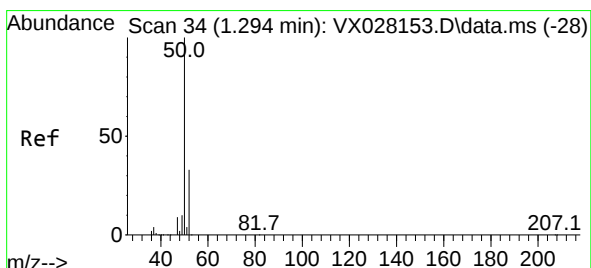
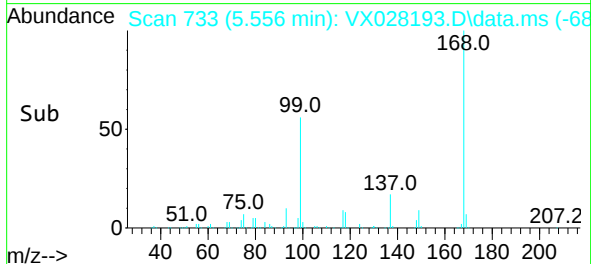
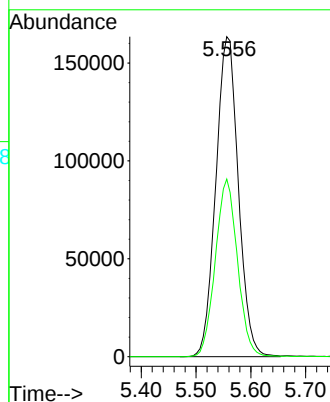
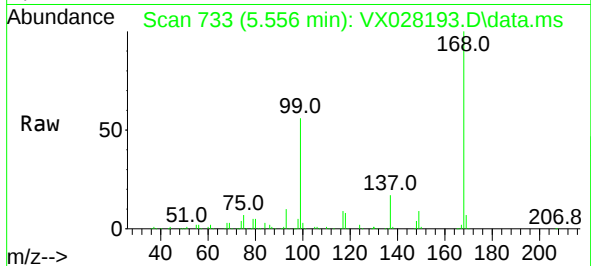




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX028193.D
Acq: 20 Apr 2022 13:25

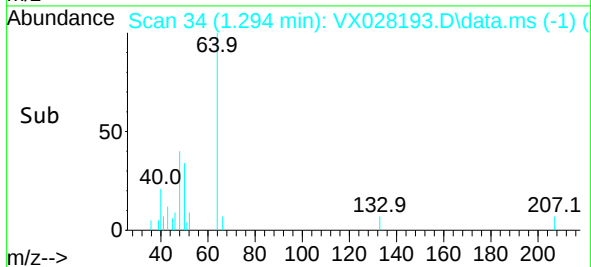
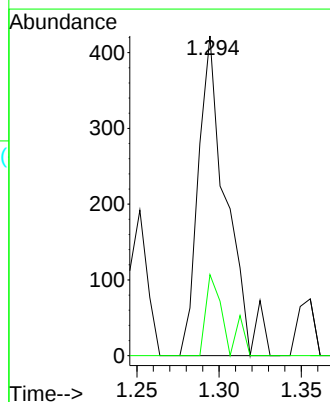
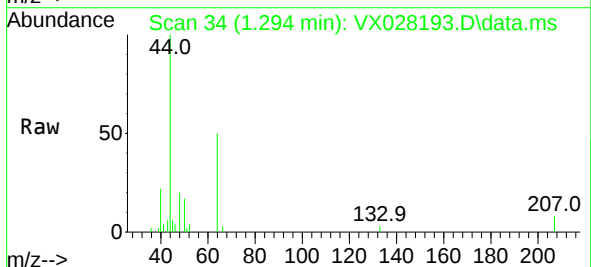
Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:168 Resp: 466516
Ion Ratio Lower Upper
168 100
99 55.5 41.7 62.5



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX028193.D
Acq: 20 Apr 2022 13:25

Tgt Ion: 50 Resp: 502
Ion Ratio Lower Upper
50 100
52 25.4 26.4 39.6#

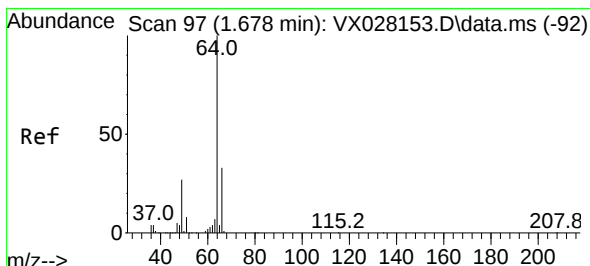
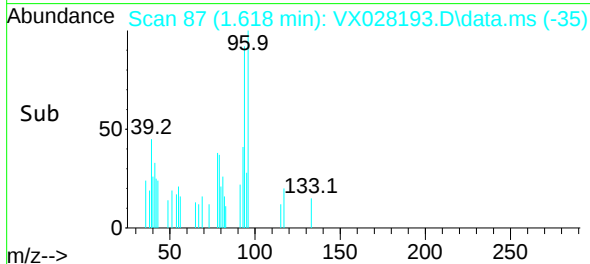
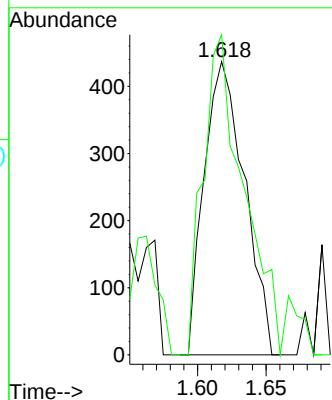
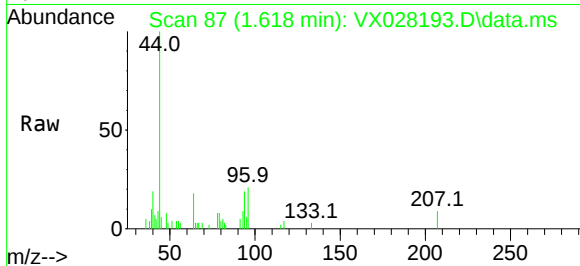




#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 81
Delta R.T. 0.019 min
Lab File: VX028193.D
Acq: 20 Apr 2022 13:25

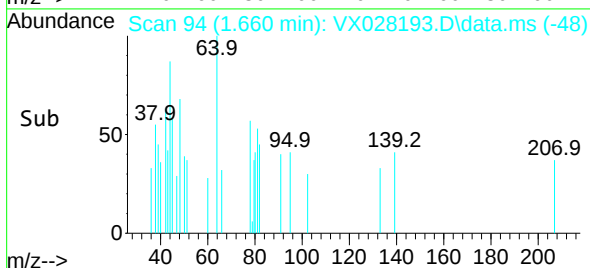
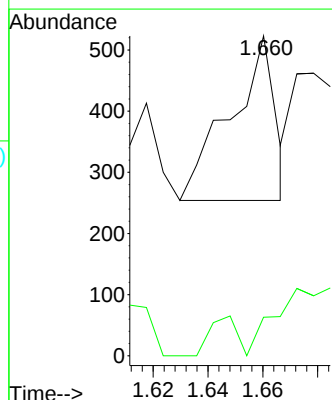
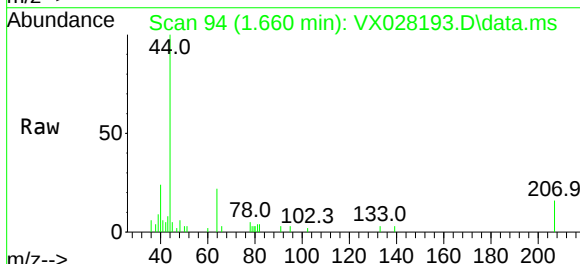
Instrument :
MSVOA_X
ClientSampleId :
IBLK

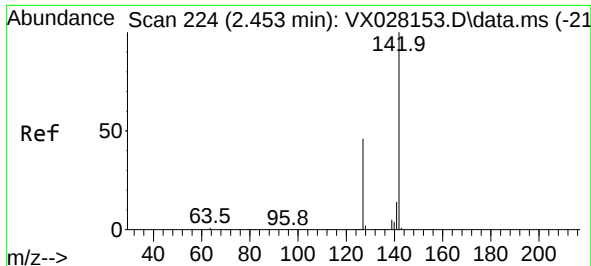
Tgt Ion: 94 Resp: 894
Ion Ratio Lower Upper
94 100
96 109.2 75.3 112.9



#6
Chloroethane
Concen: Below Cal
RT: 1.660 min Scan# 94
Delta R.T. -0.018 min
Lab File: VX028193.D
Acq: 20 Apr 2022 13:25

Tgt Ion: 64 Resp: 305
Ion Ratio Lower Upper
64 100
66 23.4 25.3 37.9#

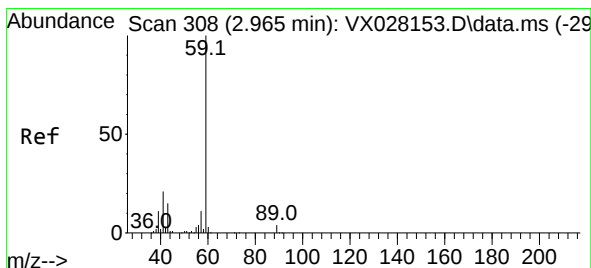
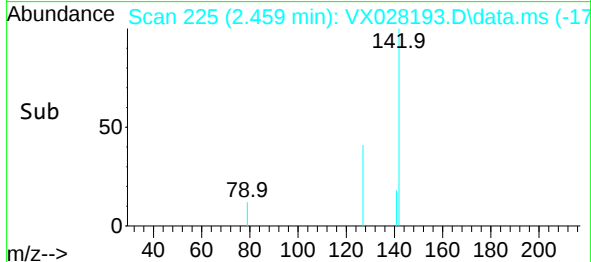
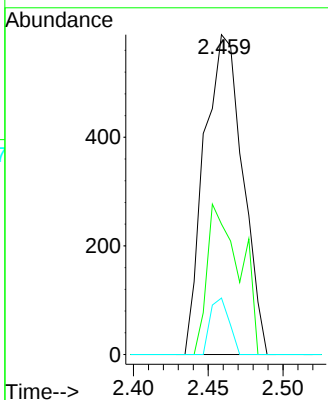
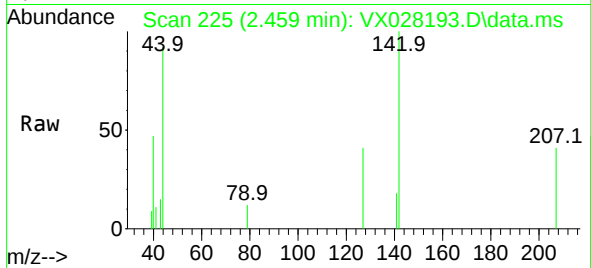




#10
Methyl Iodide
Concen: 5.417 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX028193.D
Acq: 20 Apr 2022 13:25

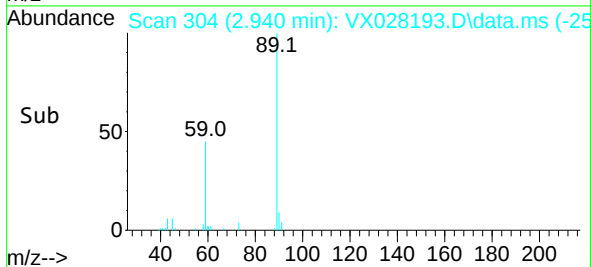
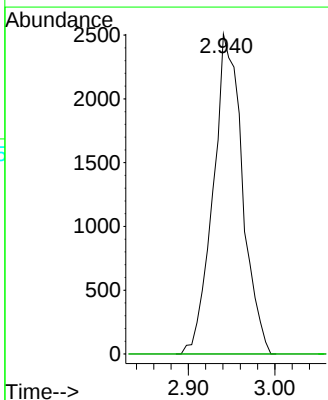
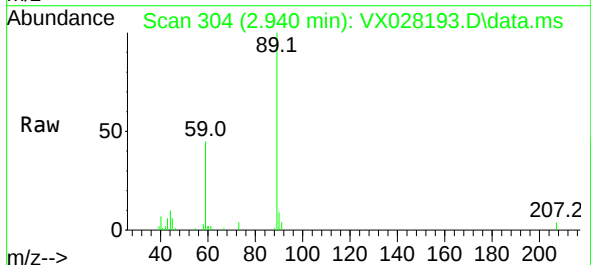
Instrument :
MSVOA_X
ClientSampleId :
IBLK

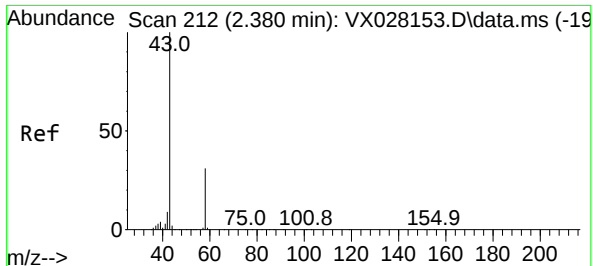
Tgt Ion:142 Resp: 1051
Ion Ratio Lower Upper
142 100
127 40.0 33.9 50.9
141 8.7 11.4 17.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.940 min Scan# 304
Delta R.T. -0.025 min
Lab File: VX028193.D
Acq: 20 Apr 2022 13:25

Tgt Ion: 59 Resp: 5888
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

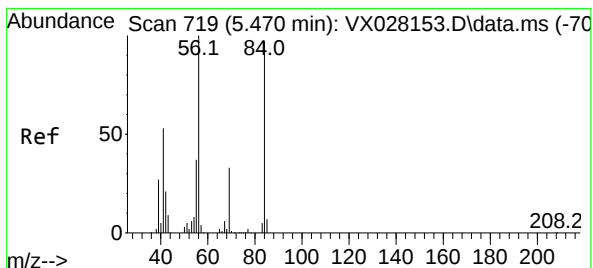
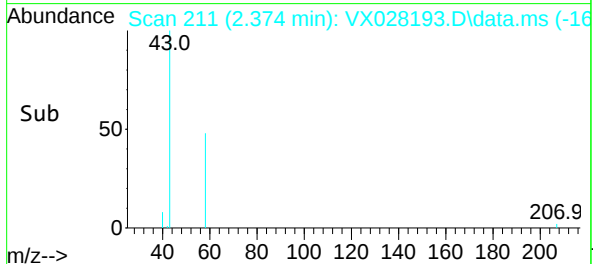
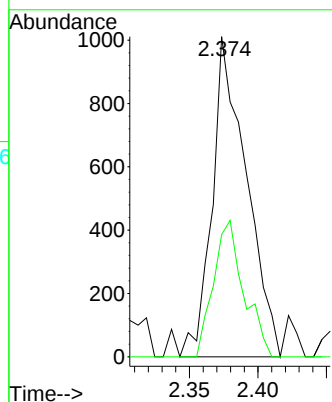
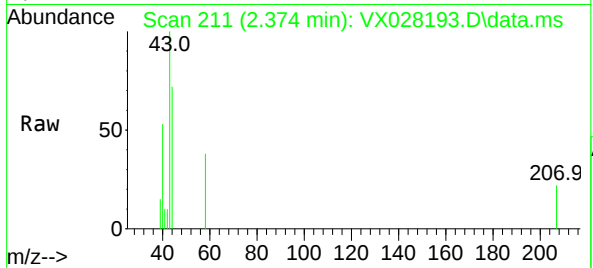




#16
Acetone
Concen: Below Cal
RT: 2.374 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX028193.D
Acq: 20 Apr 2022 13:25

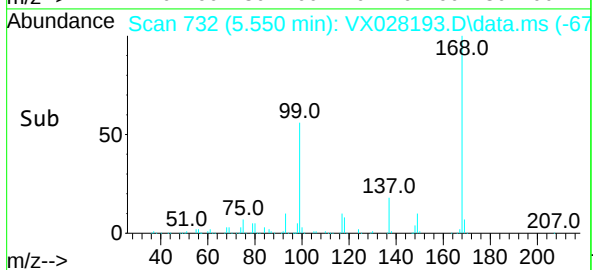
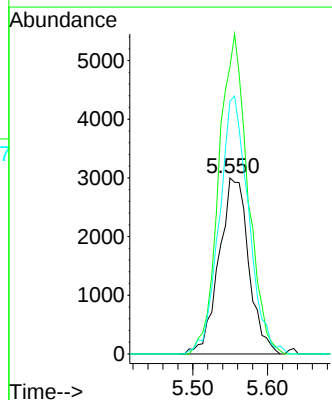
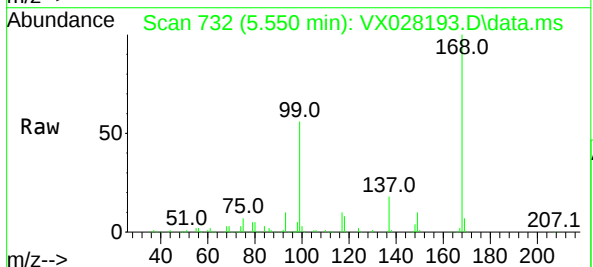
Instrument :
MSVOA_X
ClientSampleId :
IBLK

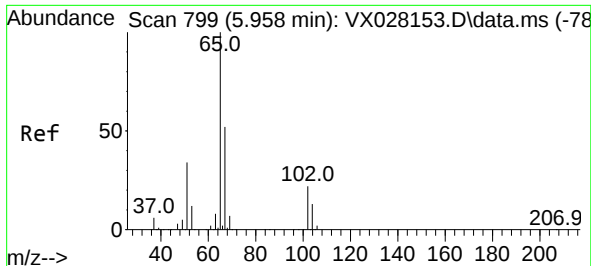
Tgt Ion: 43 Resp: 1754
Ion Ratio Lower Upper
43 100
58 38.2 28.8 43.2



#31
Cyclohexane
Concen: 1.118 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.080 min
Lab File: VX028193.D
Acq: 20 Apr 2022 13:25

Tgt Ion: 56 Resp: 8283
Ion Ratio Lower Upper
56 100
69 163.1 26.7 40.1#
84 143.6 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 48.386 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028193.D

Acq: 20 Apr 2022 13:25

Instrument :

MSVOA_X

ClientSampleId :

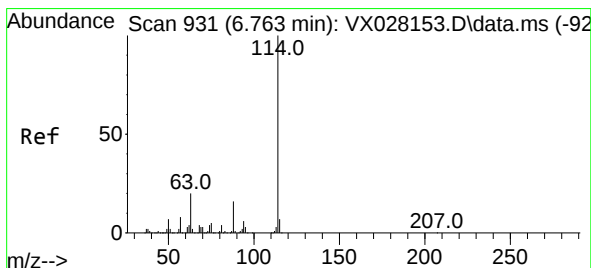
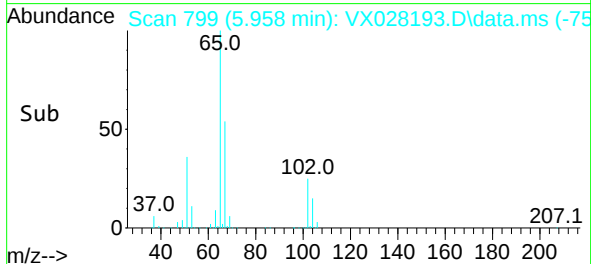
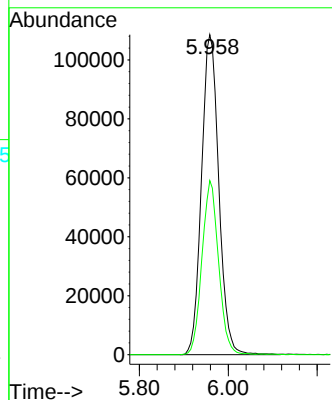
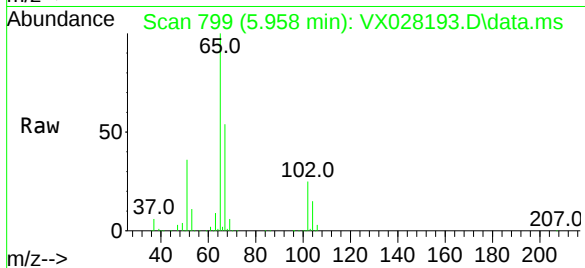
IBLK

Tgt Ion: 65 Resp: 294322

Ion Ratio Lower Upper

65 100

67 52.2 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX028193.D

Acq: 20 Apr 2022 13:25

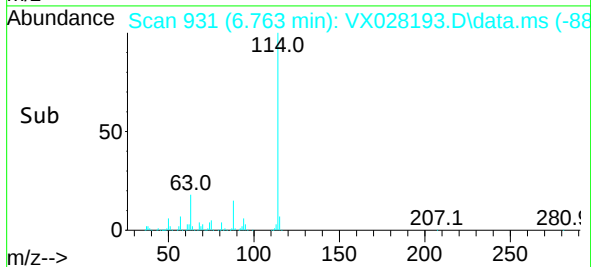
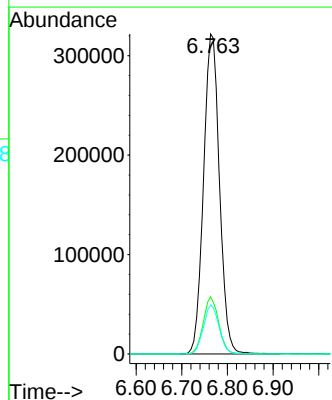
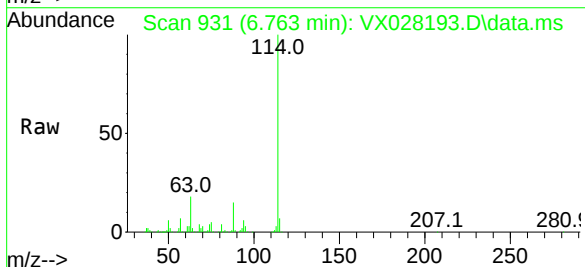
Tgt Ion: 114 Resp: 779876

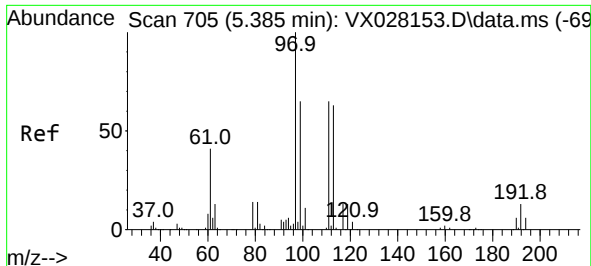
Ion Ratio Lower Upper

114 100

63 17.8 0.0 36.8

88 15.3 0.0 32.4

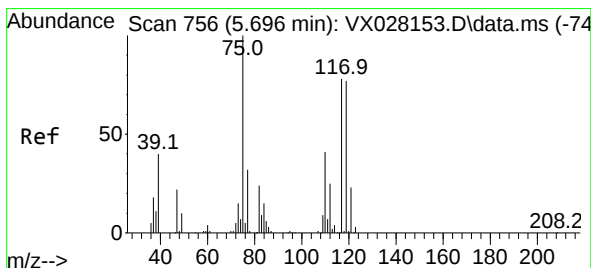
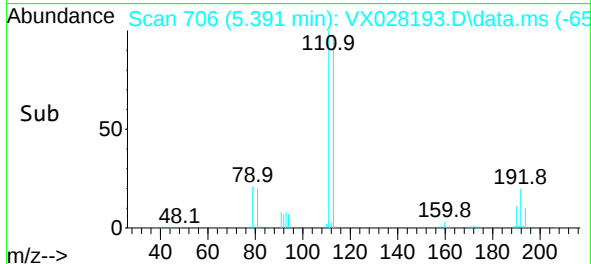
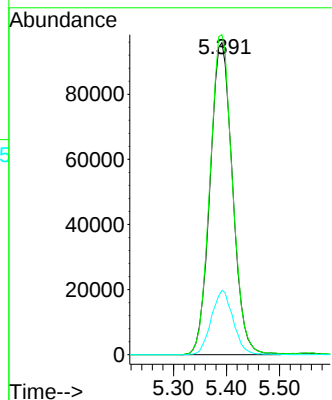
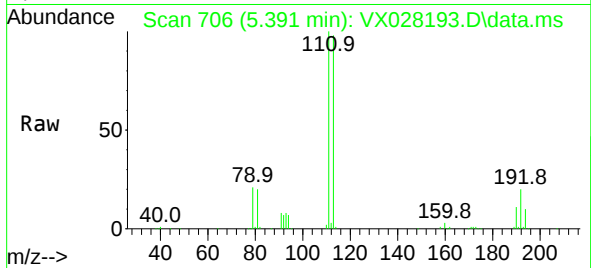




#35
 Dibromofluoromethane
 Concen: 51.637 ug/l
 RT: 5.391 min Scan# 705
 Delta R.T. 0.006 min
 Lab File: VX028193.D
 Acq: 20 Apr 2022 13:25

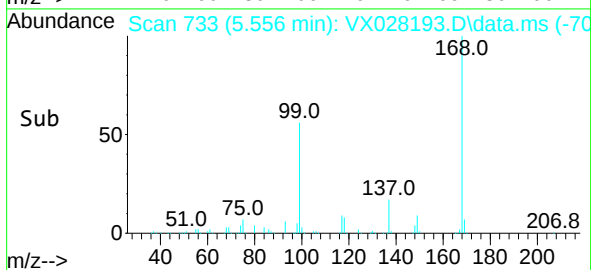
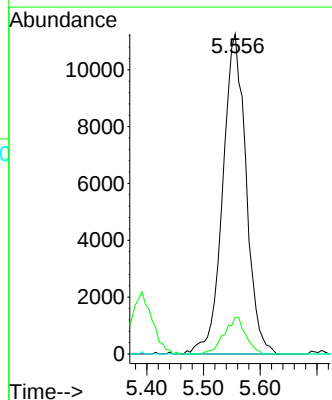
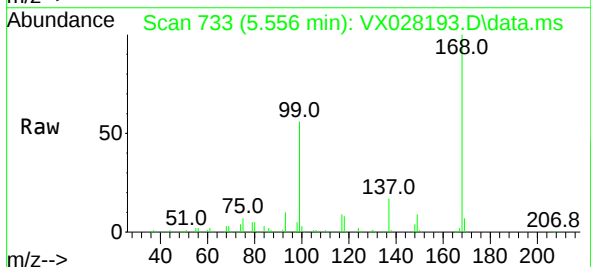
Instrument :
 MSVOA_X
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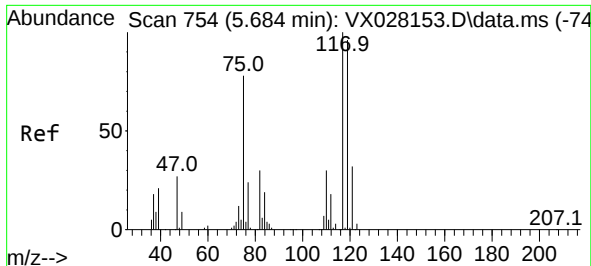
Tgt Ion:113 Resp: 282411
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.8 124.2
 192 20.0 16.9 25.3



#36
 1,1-Dichloropropene
 Concen: 4.507 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. -0.140 min
 Lab File: VX028193.D
 Acq: 20 Apr 2022 13:25

Tgt Ion: 75 Resp: 32151
 Ion Ratio Lower Upper
 75 100
 110 10.6 18.3 54.8#
 77 0.0 24.8 37.2#

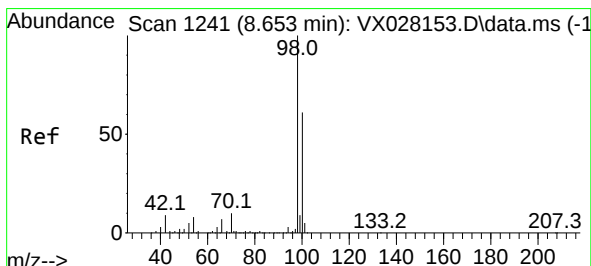
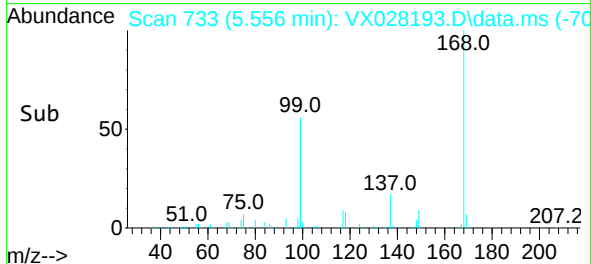
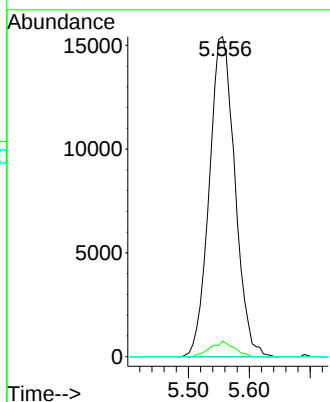
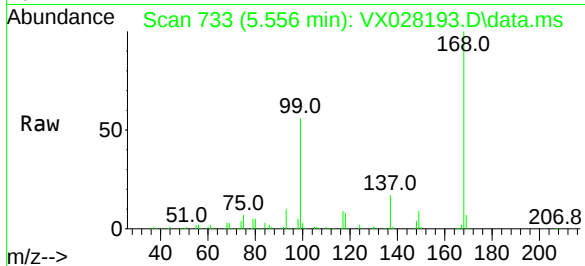




#38
Carbon Tetrachloride
Concen: 5.588 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX028193.D
Acq: 20 Apr 2022 13:25

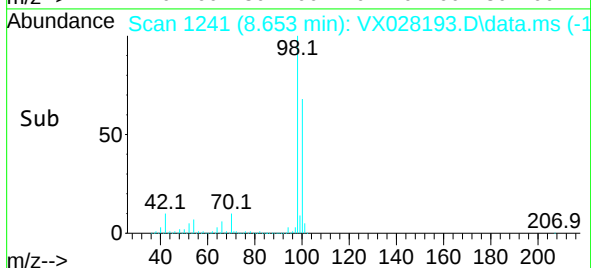
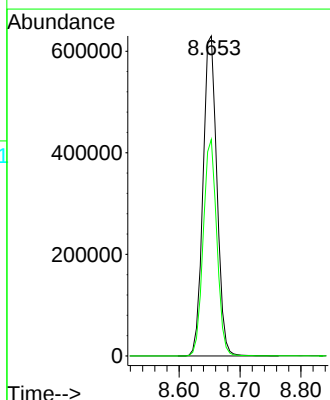
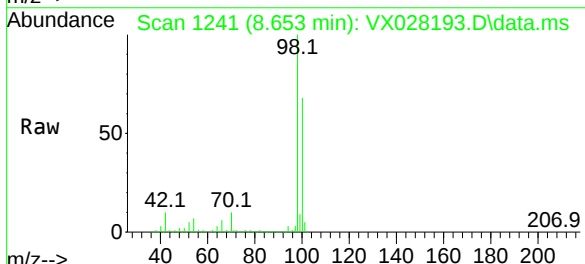
Instrument :
MSVOA_X
ClientSampleId :
IBLK

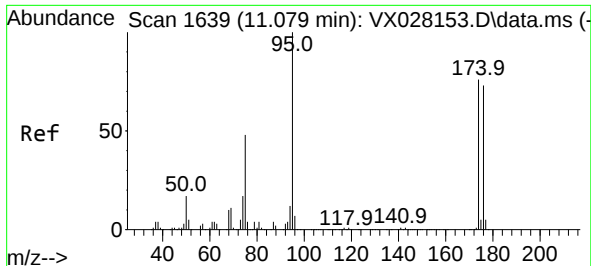
Tgt Ion:117 Resp: 45000
Ion Ratio Lower Upper
117 100
119 4.9 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 47.485 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX028193.D
Acq: 20 Apr 2022 13:25

Tgt Ion: 98 Resp: 997472
Ion Ratio Lower Upper
98 100
100 66.4 52.6 78.8

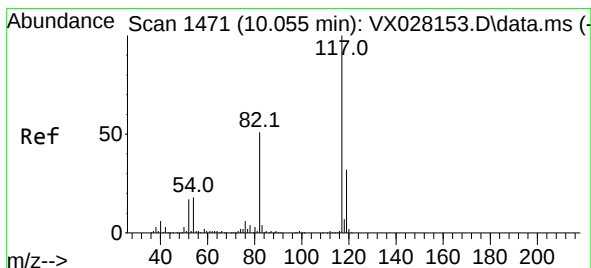
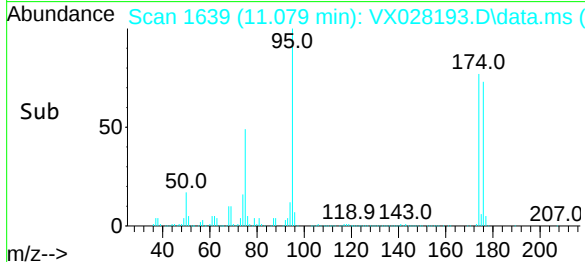
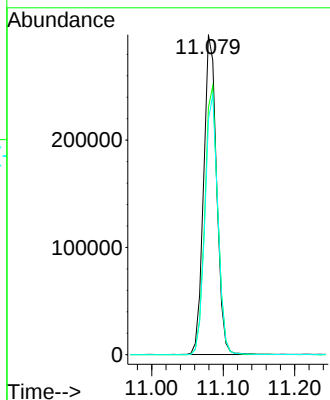
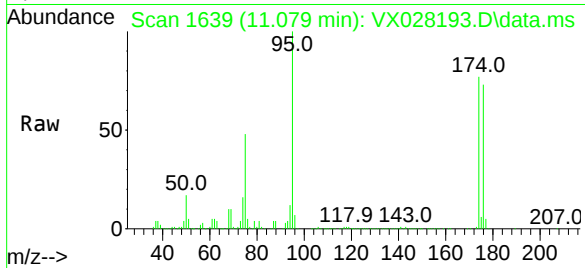




#62
4-Bromofluorobenzene
Concen: 46.850 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028193.D
Acq: 20 Apr 2022 13:25

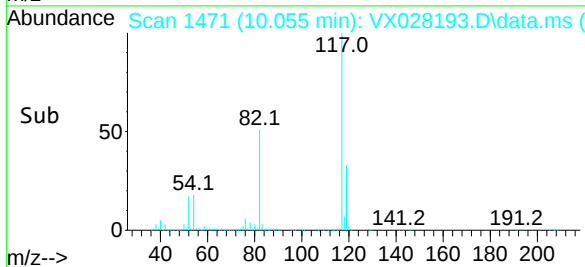
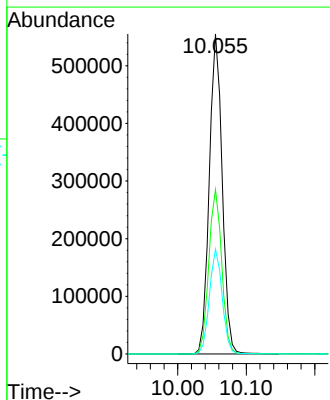
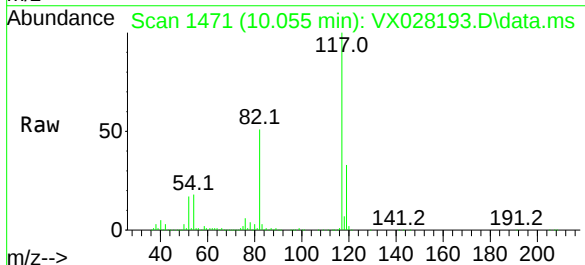
Instrument :
MSVOA_X
ClientSampleId :
IBLK

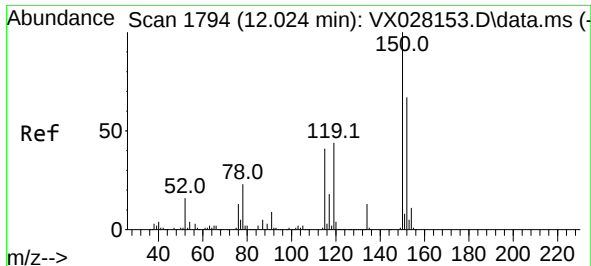
Tgt Ion: 95 Resp: 376293
Ion Ratio Lower Upper
95 100
174 83.9 0.0 163.0
176 81.2 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028193.D
Acq: 20 Apr 2022 13:25

Tgt Ion: 117 Resp: 728497
Ion Ratio Lower Upper
117 100
82 51.4 41.8 62.8
119 32.7 24.8 37.2

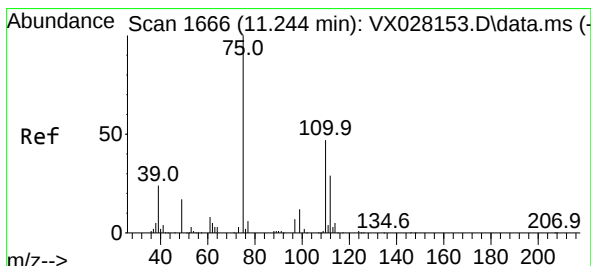
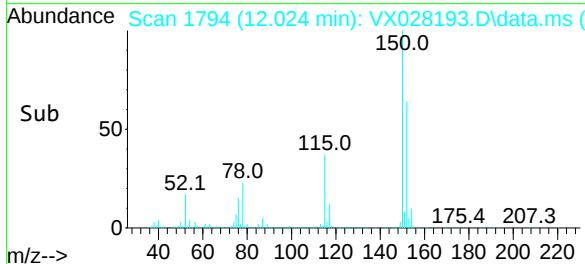
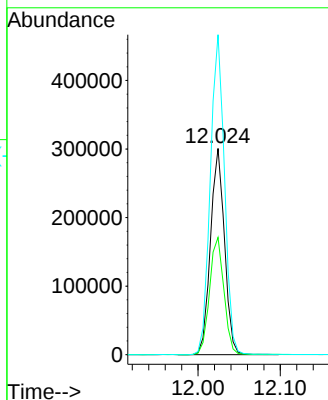
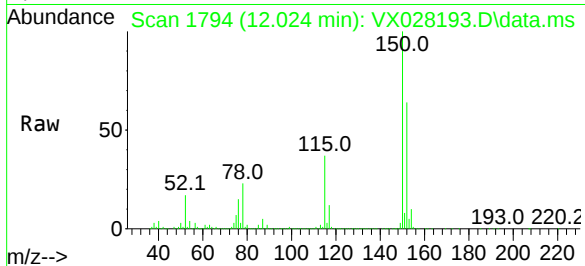




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028193.D
Acq: 20 Apr 2022 13:25

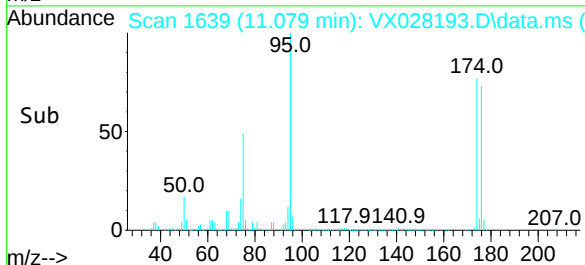
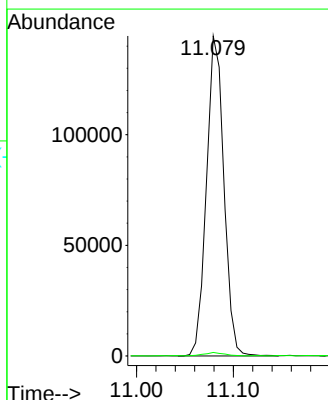
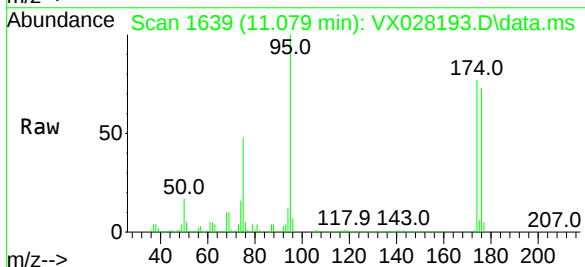
Instrument :
MSVOA_X
ClientSampleId :
IBLK

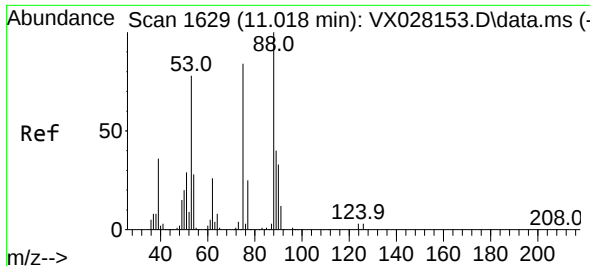
Tgt Ion:152 Resp: 356840
Ion Ratio Lower Upper
152 100
115 58.1 37.5 112.7
150 157.1 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 25.836 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX028193.D
Acq: 20 Apr 2022 13:25

Tgt Ion: 75 Resp: 181444
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#

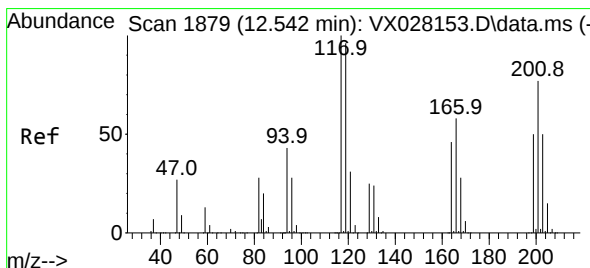
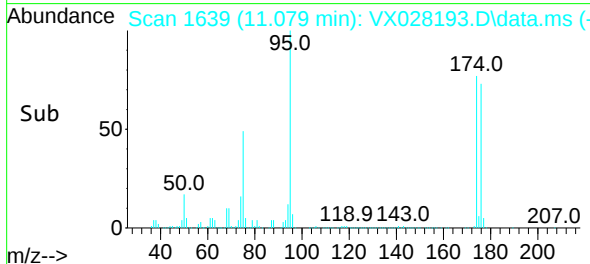
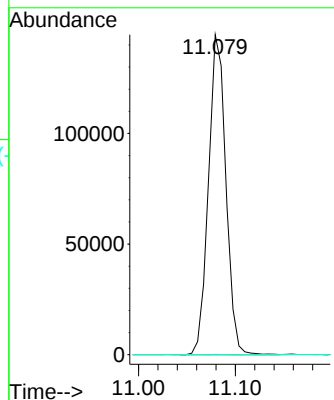
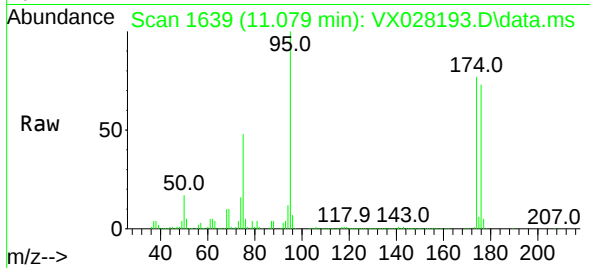




#81
trans-1,4-Dichloro-2-butene
Concen: 76.779 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX028193.D
Acq: 20 Apr 2022 13:25

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 181444
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#



#90
Hexachloroethane
Concen: 1.850 ug/l
RT: 12.731 min Scan# 1910
Delta R.T. 0.189 min
Lab File: VX028193.D
Acq: 20 Apr 2022 13:25

Tgt Ion: 117 Resp: 152
Ion Ratio Lower Upper
117 100
201 42.8 39.5 118.5

