

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050222\
 Data File : VX028488.D
 Acq On : 02 May 2022 21:05
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: May 03 04:54:55 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)

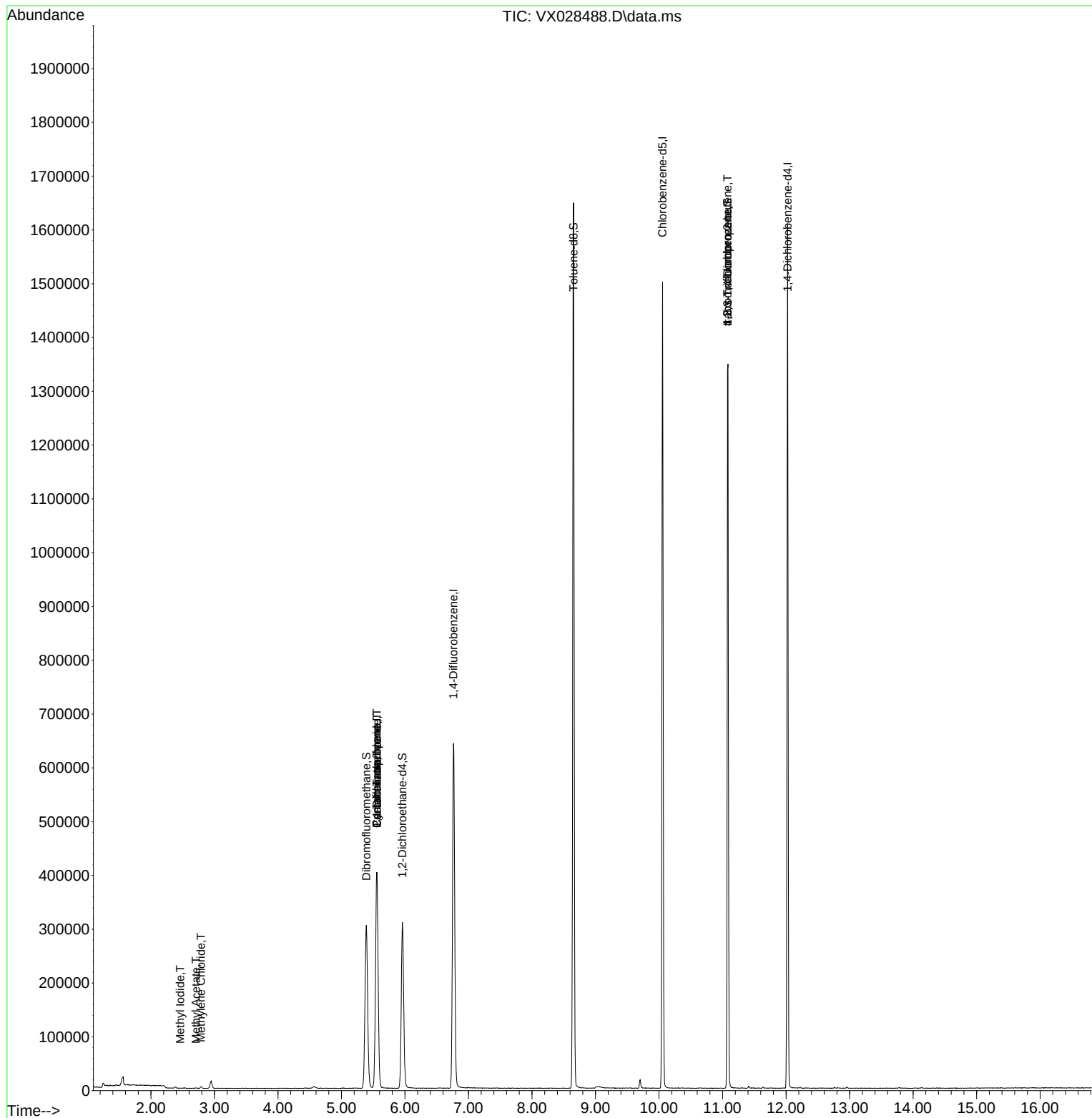
Internal Standards						
1) Pentafluorobenzene	5.556	168	391534	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	692584	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	681647	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	318335	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	290116	56.828	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	113.660%
35) Dibromofluoromethane	5.391	113	264452	54.447	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	108.900%
50) Toluene-d8	8.653	98	985277	52.816	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	105.640%
62) 4-Bromofluorobenzene	11.079	95	354790	49.740	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.480%
Target Compounds						
						Qvalue
3) Chloromethane	1.288	50	420	Below Cal		96
5) Bromomethane	1.611	94	843	Below Cal		93
6) Chloroethane	1.666	64	522	Below Cal	#	43
10) Methyl Iodide	2.459	142	127	5.261	ug/l #	62
11) Tert butyl alcohol	2.947	59	6948	Below Cal	#	76
18) Methyl Acetate	2.709	43	1078	0.237	ug/l #	55
20) Methylene Chloride	2.788	84	1420	0.375	ug/l #	84
31) Cyclohexane	5.556	56	7995	1.285	ug/l #	21
36) 1,1-Dichloropropene	5.556	75	29895	4.719	ug/l #	49
38) Carbon Tetrachloride	5.556	117	39003	5.453	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	179751	28.691	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	179751	85.262	ug/l #	15

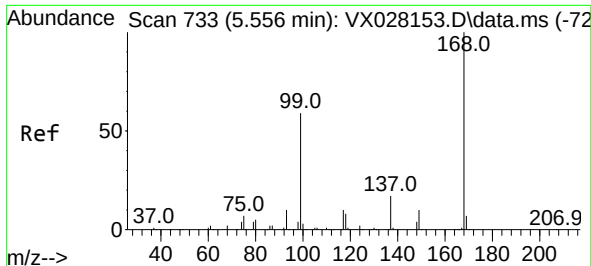
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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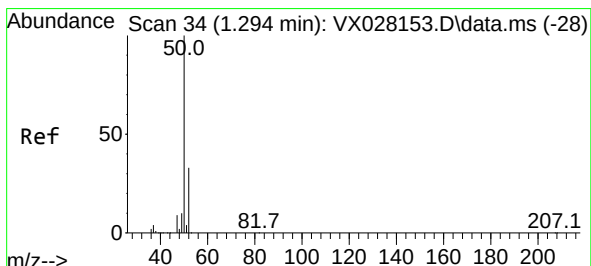
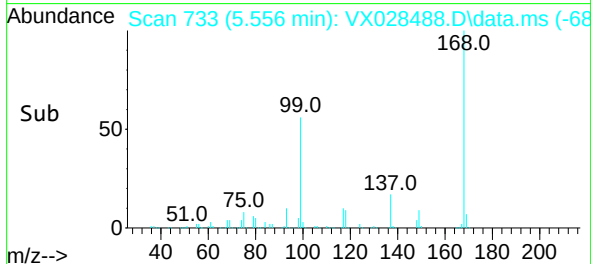
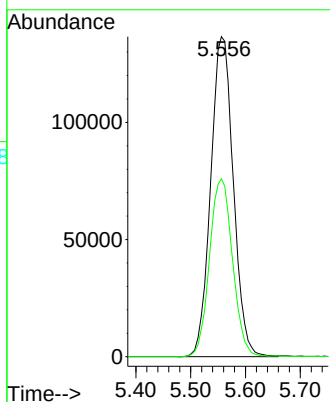
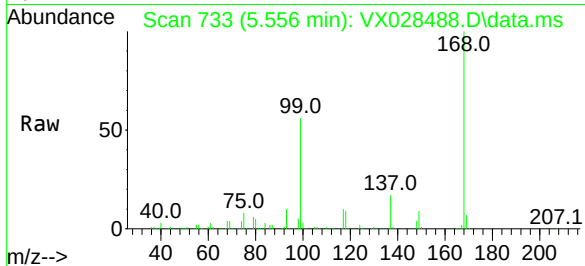




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028488.D
Acq: 02 May 2022 21:05

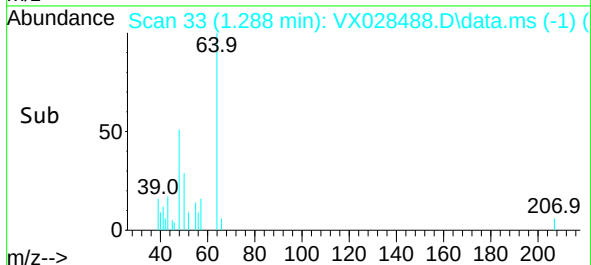
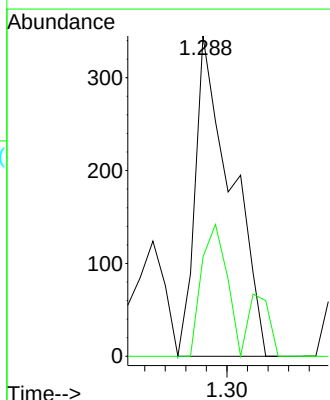
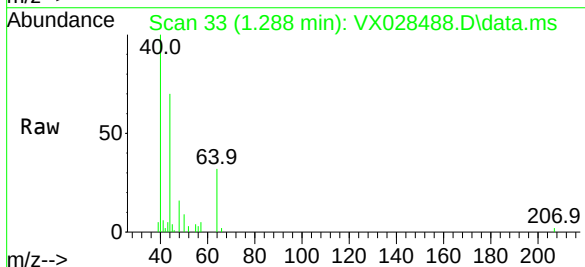
Instrument :
MSVOA_X
ClientSampleId :
IBLK

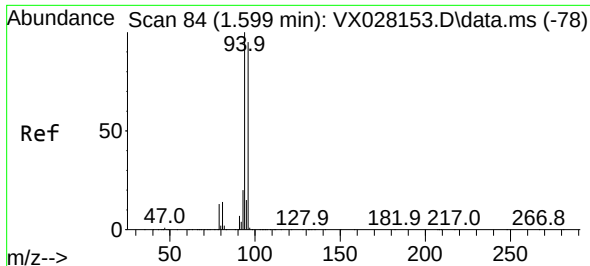
Tgt Ion:168 Resp: 391534
Ion Ratio Lower Upper
168 100
99 55.6 41.7 62.5



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. -0.006 min
Lab File: VX028488.D
Acq: 02 May 2022 21:05

Tgt Ion: 50 Resp: 420
Ion Ratio Lower Upper
50 100
52 31.0 26.4 39.6

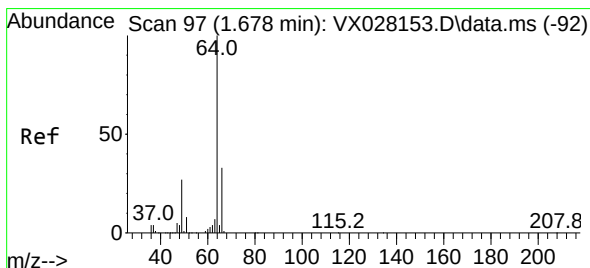
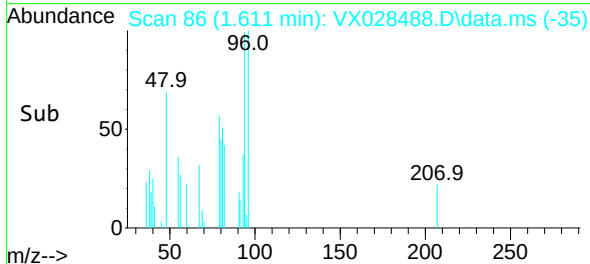
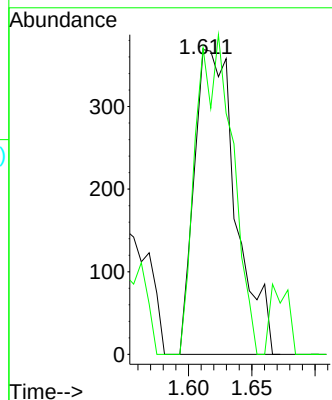
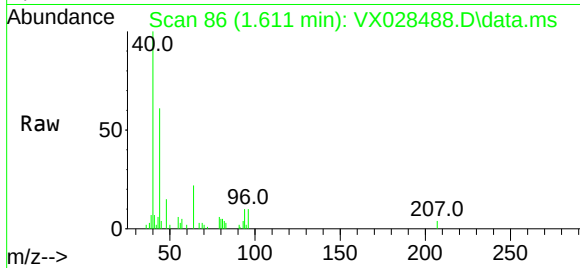




#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX028488.D
Acq: 02 May 2022 21:05

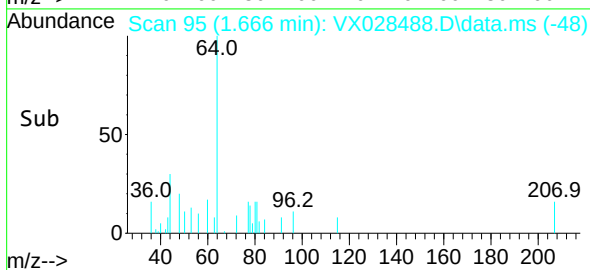
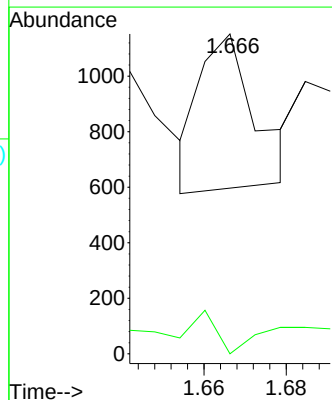
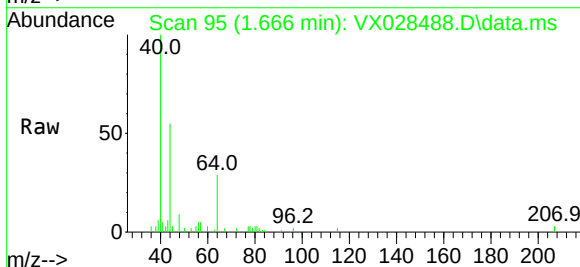
Instrument :
MSVOA_X
ClientSampleId :
IBLK

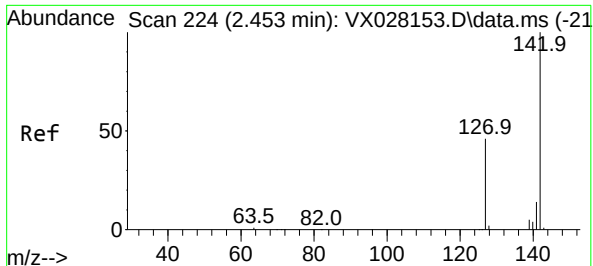
Tgt Ion: 94 Resp: 843
Ion Ratio Lower Upper
94 100
96 100.5 75.3 112.9



#6
Chloroethane
Concen: Below Cal
RT: 1.666 min Scan# 95
Delta R.T. -0.012 min
Lab File: VX028488.D
Acq: 02 May 2022 21:05

Tgt Ion: 64 Resp: 522
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#

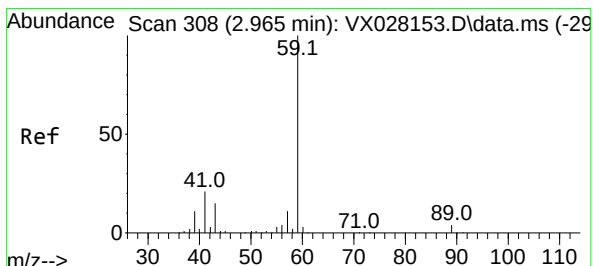
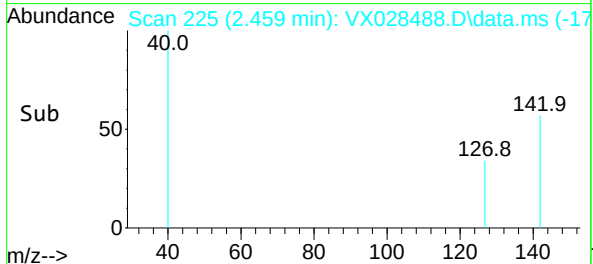
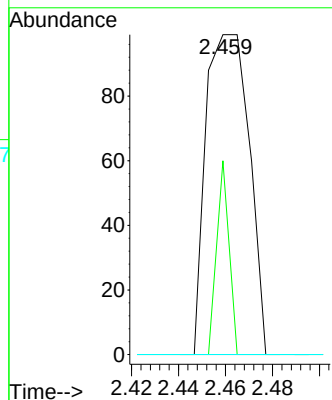
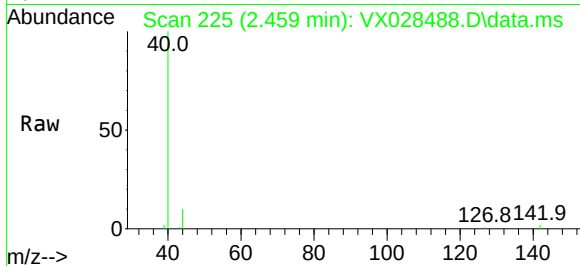




#10
Methyl Iodide
Concen: 5.261 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX028488.D
Acq: 02 May 2022 21:05

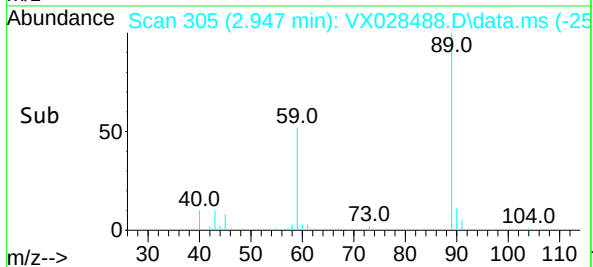
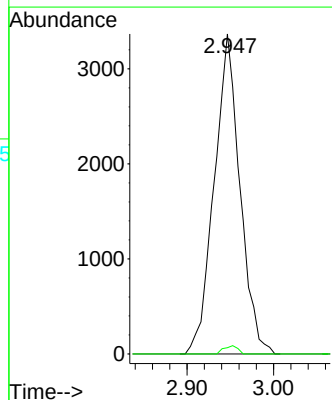
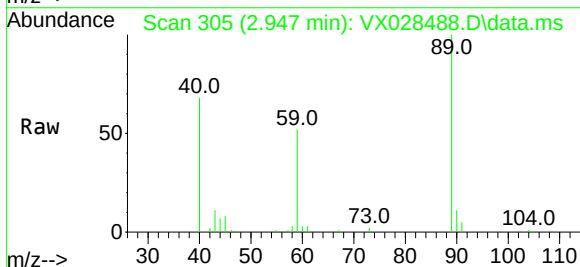
Instrument :
MSVOA_X
ClientSampleId :
IBLK

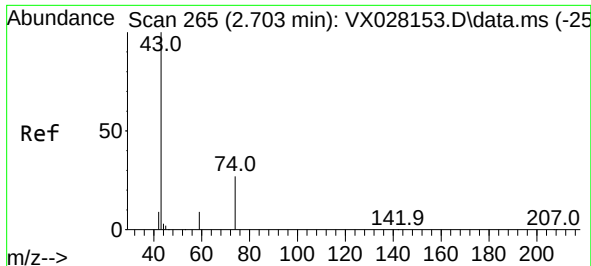
Tgt Ion:142 Resp: 127
Ion Ratio Lower Upper
142 100
127 17.3 33.9 50.9#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.018 min
Lab File: VX028488.D
Acq: 02 May 2022 21:05

Tgt Ion: 59 Resp: 6948
Ion Ratio Lower Upper
59 100
57 1.4 8.3 12.5#

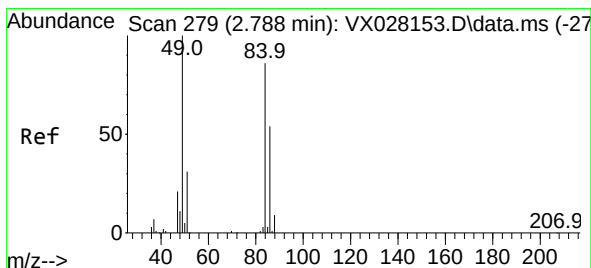
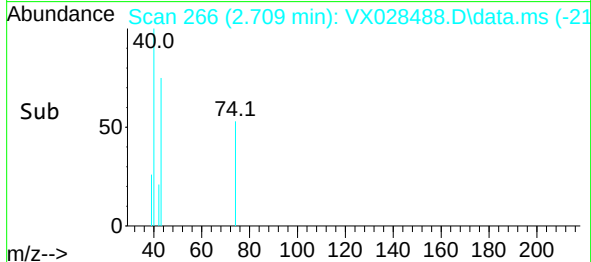
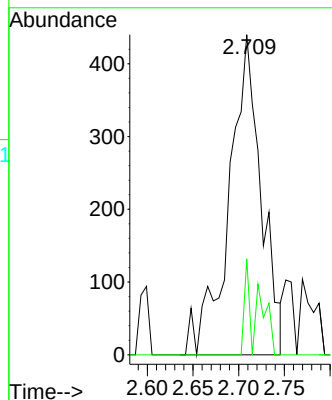
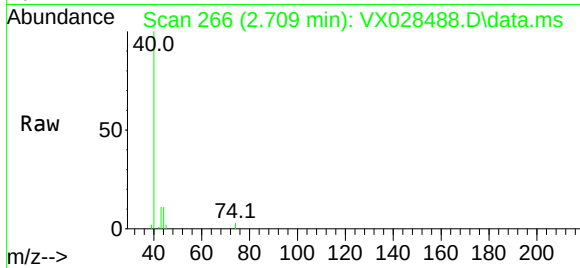




#18
Methyl Acetate
Concen: 0.237 ug/l
RT: 2.709 min Scan# 207
Delta R.T. 0.006 min
Lab File: VX028488.D
Acq: 02 May 2022 21:05

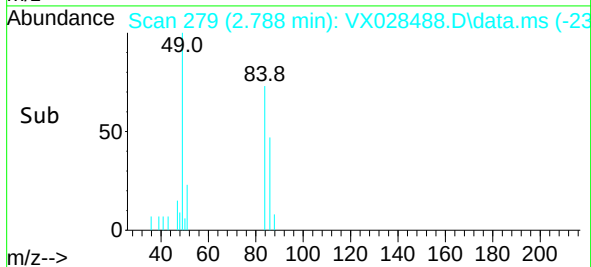
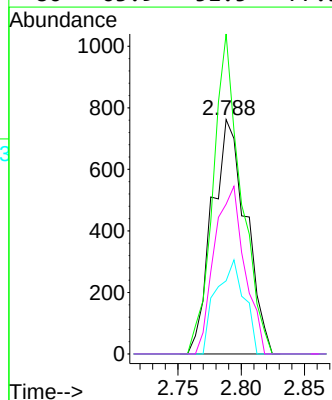
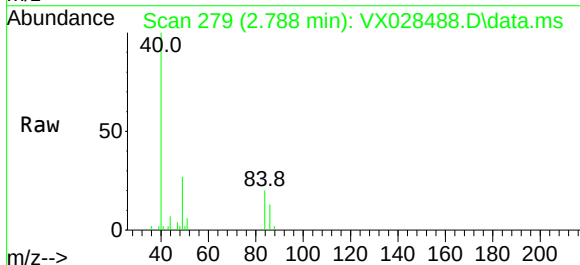
Instrument :
MSVOA_X
ClientSampleId :
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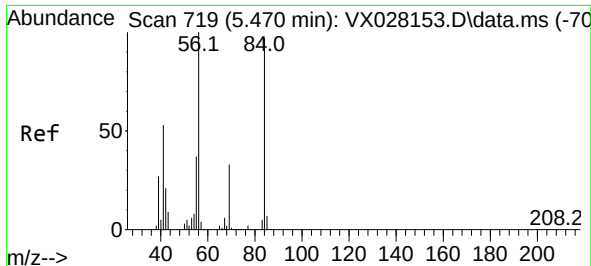
Tgt Ion: 43 Resp: 1078
Ion Ratio Lower Upper
43 100
74 4.5 22.8 34.2#



#20
Methylene Chloride
Concen: 0.375 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX028488.D
Acq: 02 May 2022 21:05

Tgt Ion: 84 Resp: 1420
Ion Ratio Lower Upper
84 100
49 136.5 85.5 128.3#
51 31.2 26.6 39.8
86 63.9 51.5 77.3

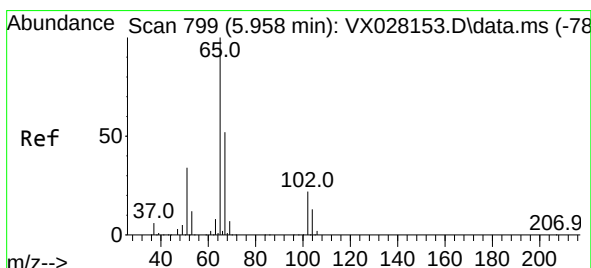
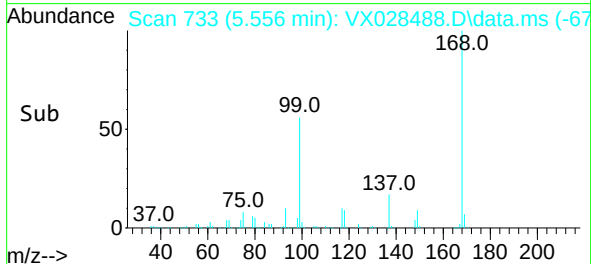
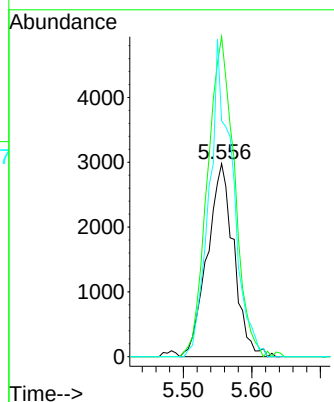
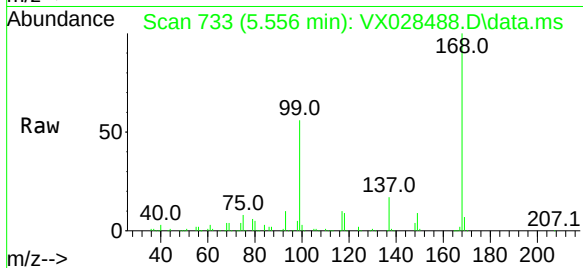




#31
Cyclohexane
Concen: 1.285 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX028488.D
Acq: 02 May 2022 21:05

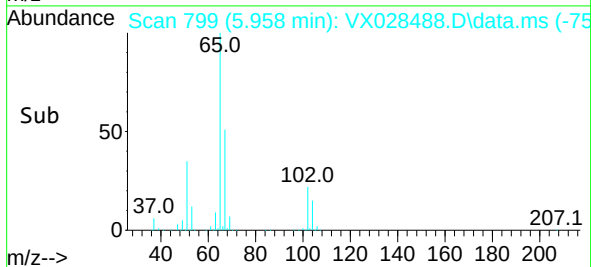
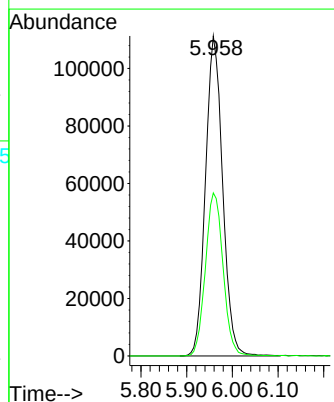
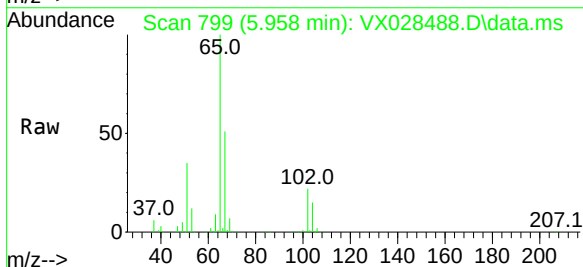
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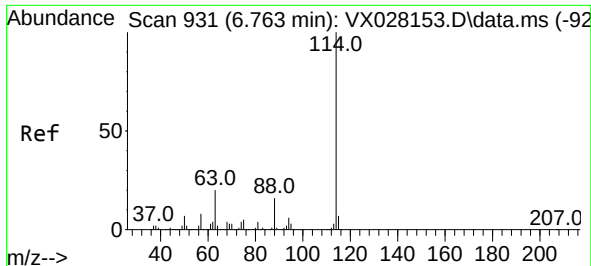
Tgt Ion: 56 Resp: 7995
Ion Ratio Lower Upper
56 100
69 165.9 26.7 40.1#
84 122.2 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 56.828 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028488.D
Acq: 02 May 2022 21:05

Tgt Ion: 65 Resp: 290116
Ion Ratio Lower Upper
65 100
67 52.5 0.0 107.4

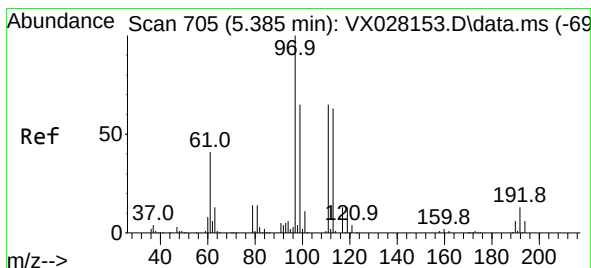
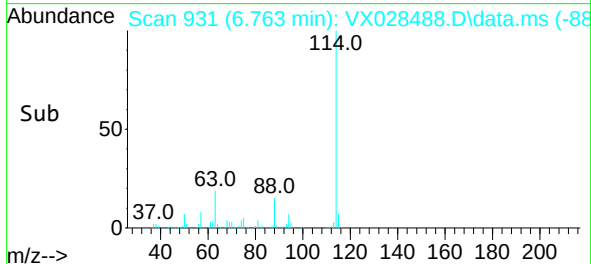
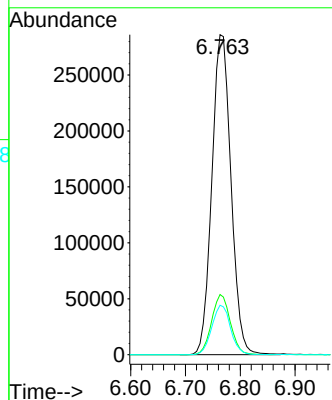
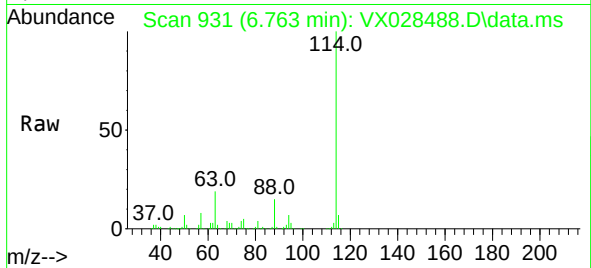




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX028488.D
Acq: 02 May 2022 21:05

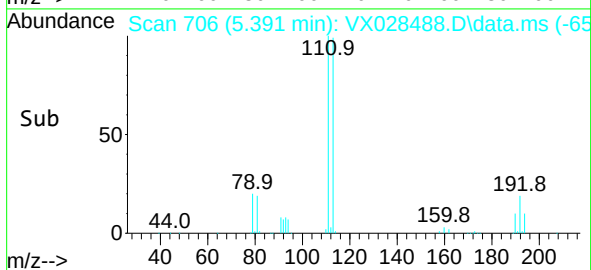
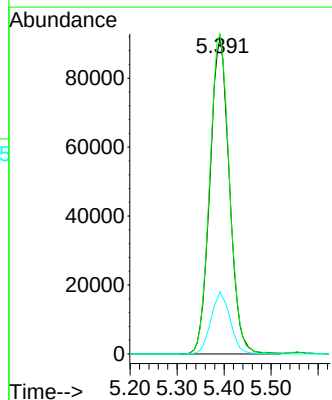
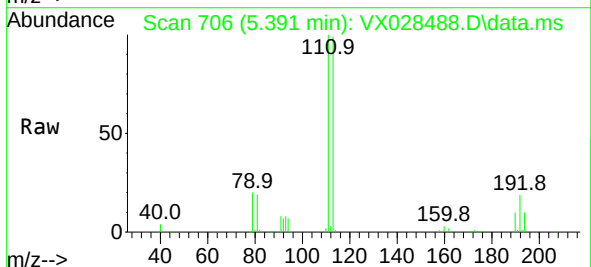
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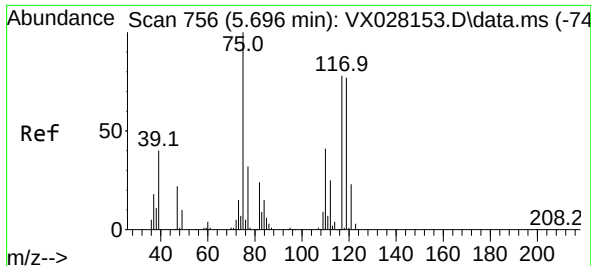
Tgt Ion:114 Resp: 692584
Ion Ratio Lower Upper
114 100
63 18.8 0.0 36.8
88 15.5 0.0 32.4



#35
Dibromofluoromethane
Concen: 54.447 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028488.D
Acq: 02 May 2022 21:05

Tgt Ion:113 Resp: 264452
Ion Ratio Lower Upper
113 100
111 102.2 82.8 124.2
192 19.4 16.9 25.3

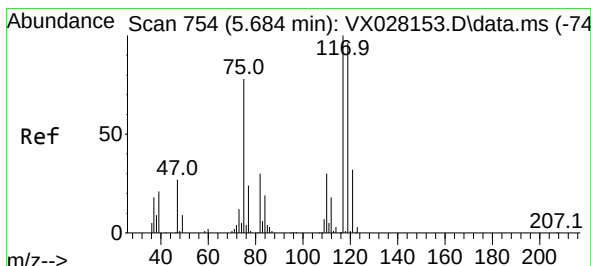
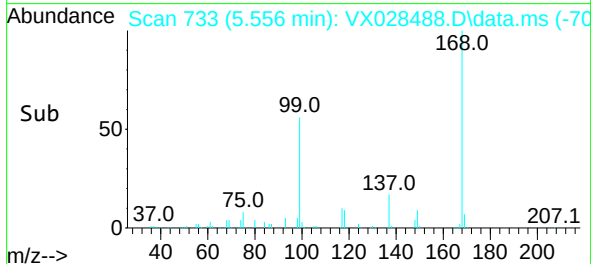
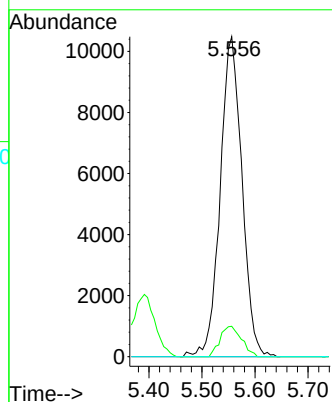
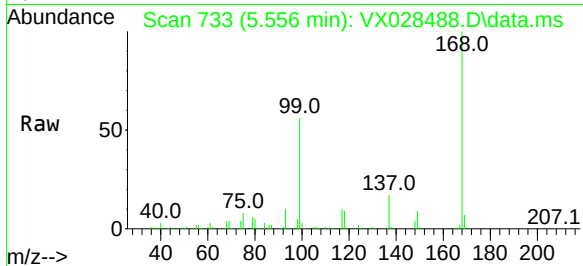




#36
1,1-Dichloropropene
Concen: 4.719 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX028488.D
Acq: 02 May 2022 21:05

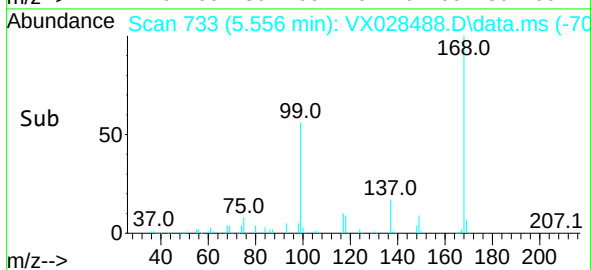
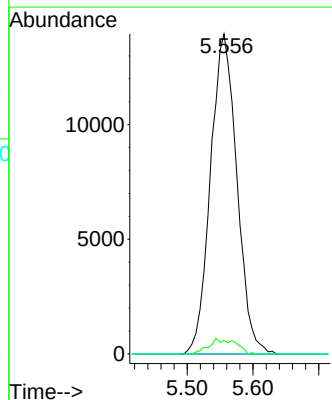
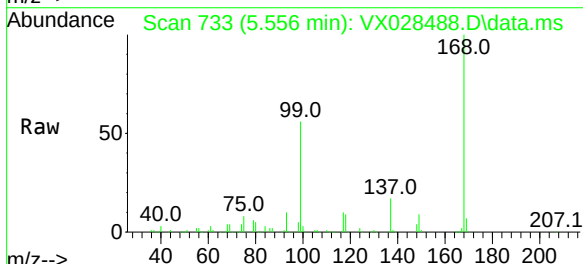
Instrument :
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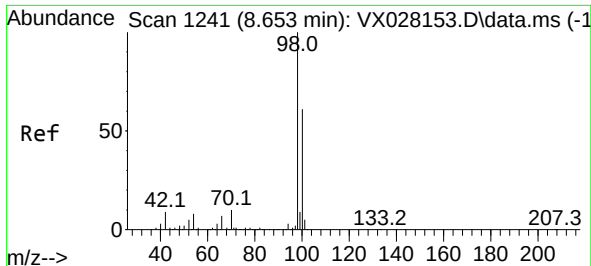
Tgt Ion: 75 Resp: 29895
Ion Ratio Lower Upper
75 100
110 9.4 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.453 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX028488.D
Acq: 02 May 2022 21:05

Tgt Ion: 117 Resp: 39003
Ion Ratio Lower Upper
117 100
119 4.2 77.3 115.9#
121 0.0 24.2 36.2#

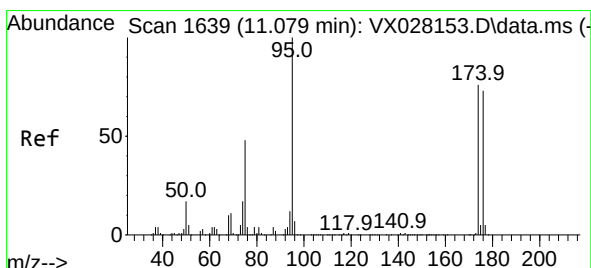
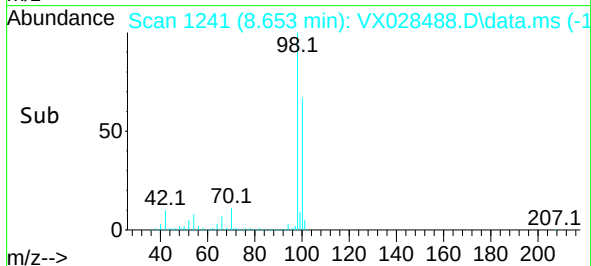
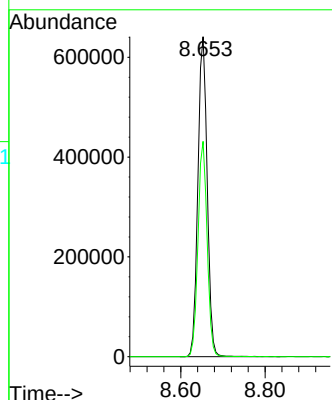
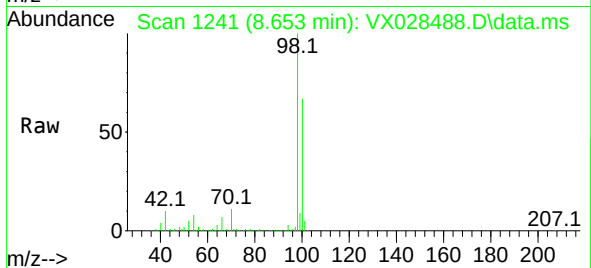




#50
Toluene-d8
Concen: 52.816 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028488.D
Acq: 02 May 2022 21:05

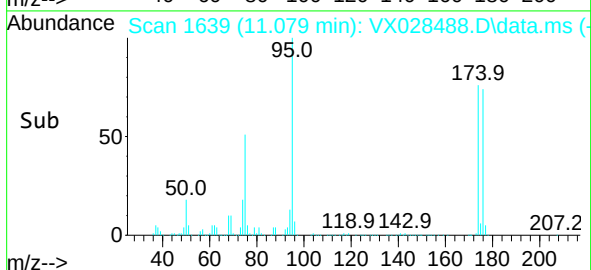
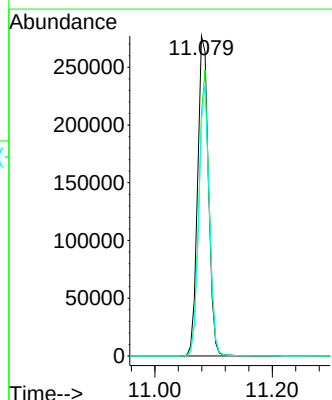
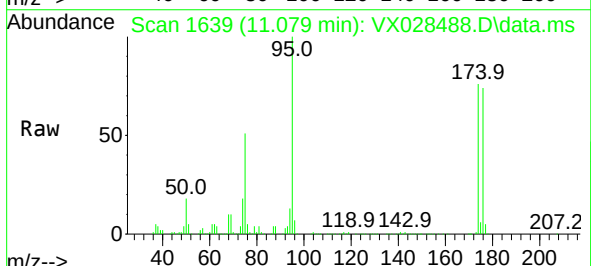
Instrument :
MSVOA_X
ClientSampleId :
IBLK

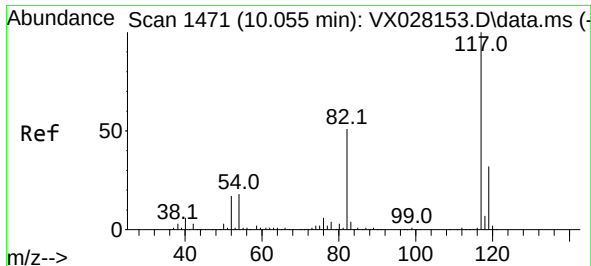
Tgt Ion: 98 Resp: 985277
Ion Ratio Lower Upper
98 100
100 66.2 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 49.740 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028488.D
Acq: 02 May 2022 21:05

Tgt Ion: 95 Resp: 354790
Ion Ratio Lower Upper
95 100
174 84.9 0.0 163.0
176 82.2 0.0 155.0

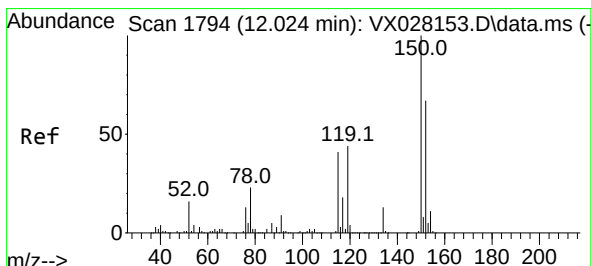
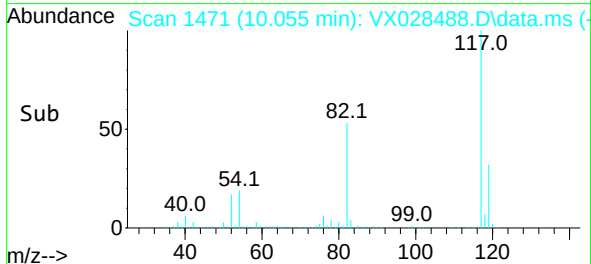
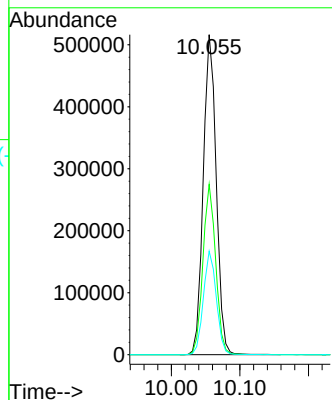
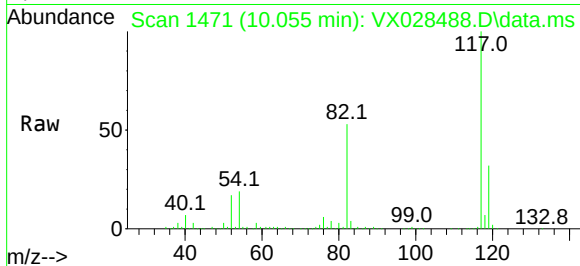




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028488.D
Acq: 02 May 2022 21:05

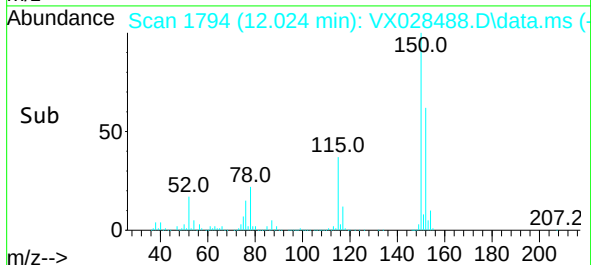
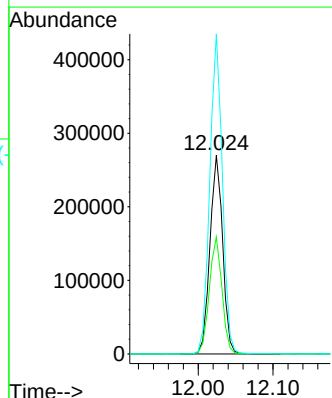
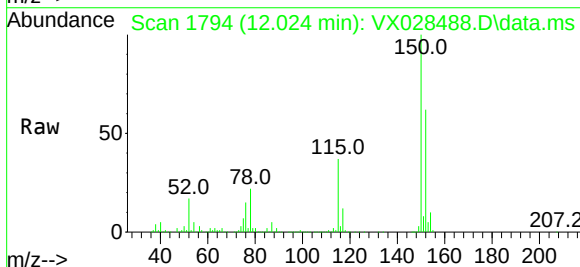
Instrument :
MSVOA_X
ClientSampleId :
IBLK

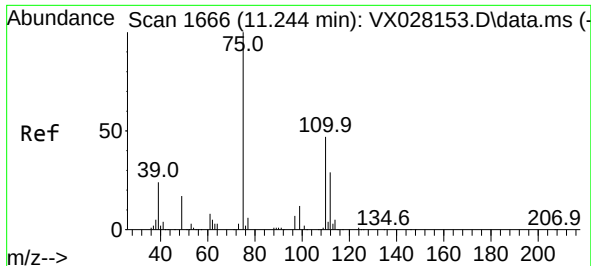
Tgt Ion:117 Resp: 681647
Ion Ratio Lower Upper
117 100
82 53.2 41.8 62.8
119 32.4 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028488.D
Acq: 02 May 2022 21:05

Tgt Ion:152 Resp: 318335
Ion Ratio Lower Upper
152 100
115 58.7 37.5 112.7
150 159.1 0.0 338.2

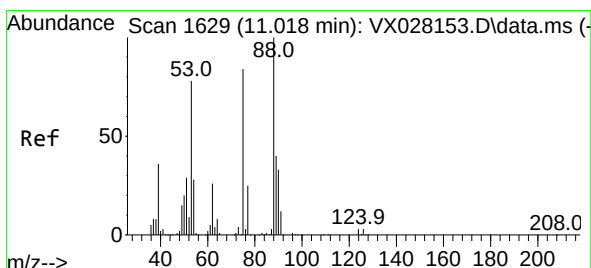
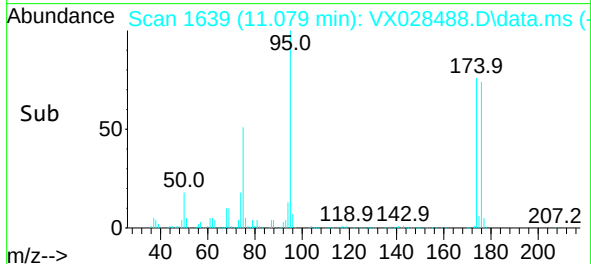
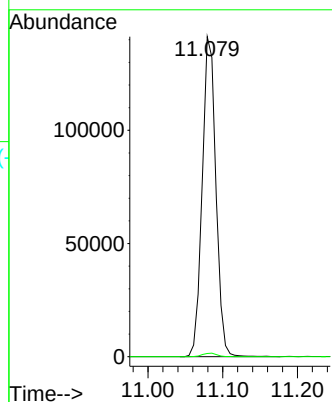
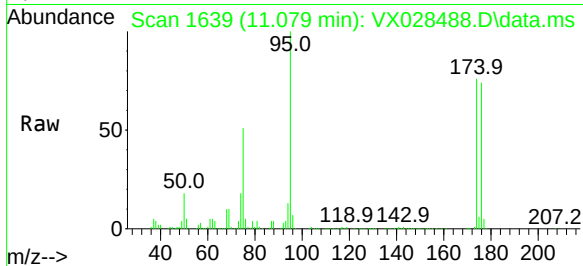




#76
1,2,3-Trichloropropane
Concen: 28.691 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX028488.D
Acq: 02 May 2022 21:05

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 179751
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.262 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028488.D
Acq: 02 May 2022 21:05

Tgt Ion: 75 Resp: 179751
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

