

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040722\
 Data File : VX028005.D
 Acq On : 07 Apr 2022 12:36
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Apr 08 09:26:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 07 18:12:28 2022
 Response via : Initial Calibration

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

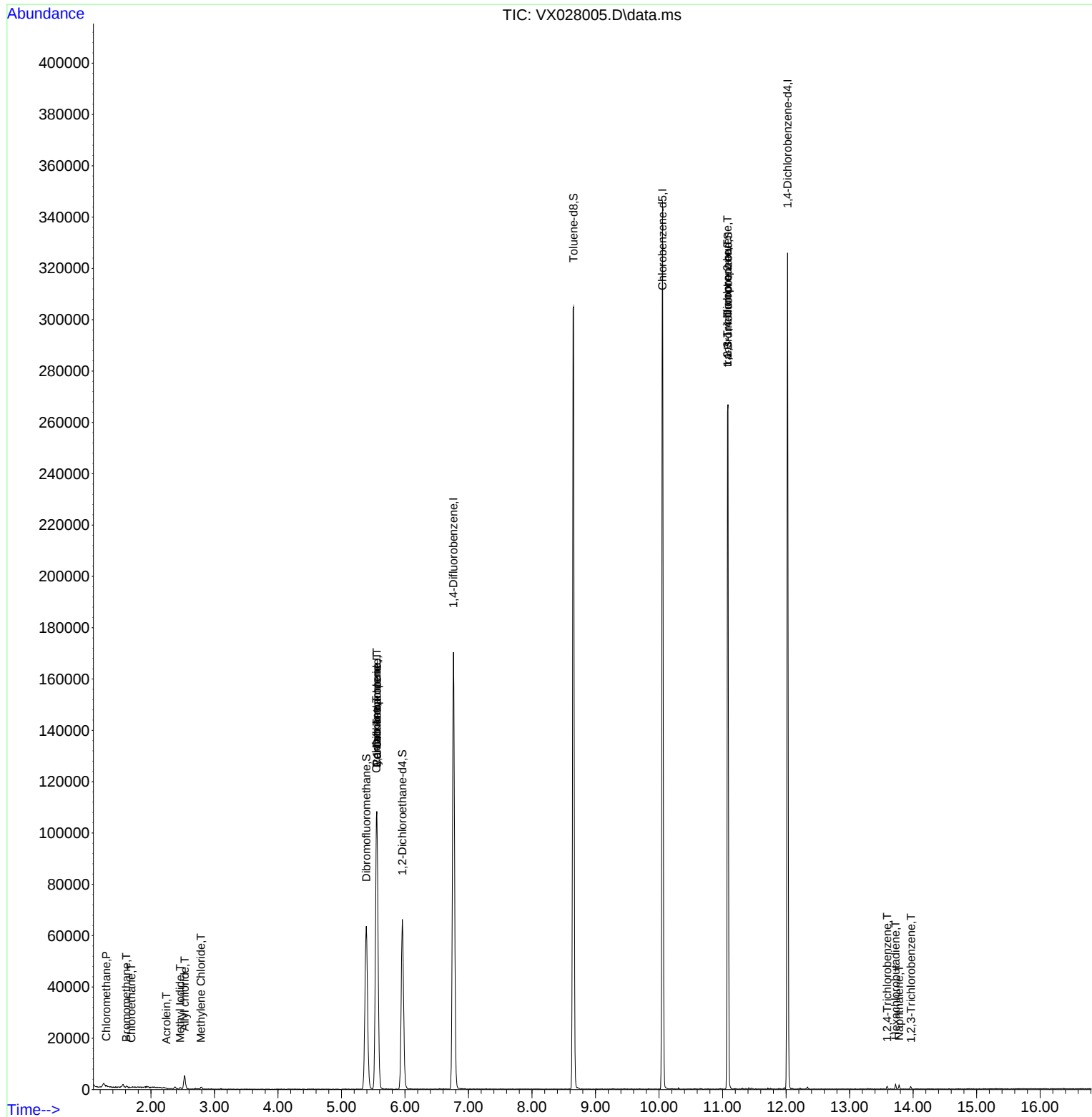
Internal Standards						
1) Pentafluorobenzene	5.556	168	107592	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	163427	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	133552	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	56944	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	64507	39.496	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	79.000%
35) Dibromofluoromethane	5.391	113	55795	50.861	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.720%
50) Toluene-d8	8.653	98	175730	44.896	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	89.800%
62) 4-Bromofluorobenzene	11.085	95	71266	42.830	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	85.660%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	180	1.607	ug/l #	42
5) Bromomethane	1.611	94	266	1.179	ug/l	88
6) Chloroethane	1.691	64	84	1.661	ug/l #	43
10) Methyl Iodide	2.459	142	647	7.172	ug/l #	96
13) Acrolein	2.239	56	83	0.315	ug/l #	15
14) Allyl chloride	2.532	41	435	0.225	ug/l #	1
16) Acetone	2.380	43	974	Below Cal	#	84
17) Carbon Disulfide	2.514	76	1033	Below Cal	#	75
20) Methylene Chloride	2.788	84	439	2.668	ug/l #	65
31) Cyclohexane	5.550	56	1956	0.988	ug/l #	2
36) 1,1-Dichloropropene	5.556	75	7337	4.549	ug/l #	50
38) Carbon Tetrachloride	5.556	117	10684	6.119	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	41956	30.037	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	41956	92.142	ug/l #	15
93) 1,2,4-Trichlorobenzene	13.591	180	375	0.324	ug/l	92
94) Hexachlorobutadiene	13.725	225	290	0.537	ug/l	92
95) Naphthalene	13.780	128	1173	0.294	ug/l #	86
96) 1,2,3-Trichlorobenzene	13.969	180	327	0.287	ug/l	88

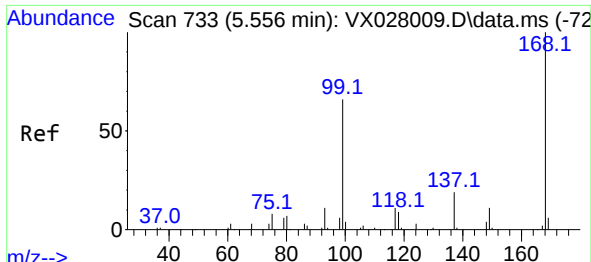
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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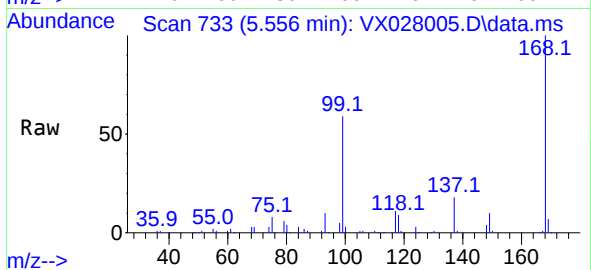
Quant Time: Apr 08 09:26:32 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040722W.M
Quant Title : SW846 8260
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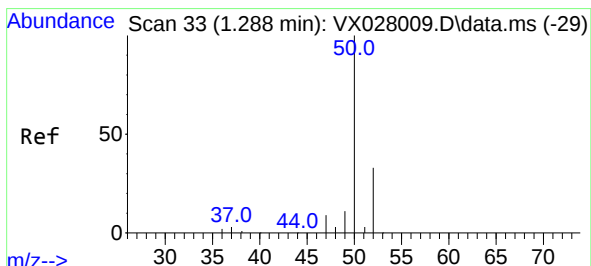
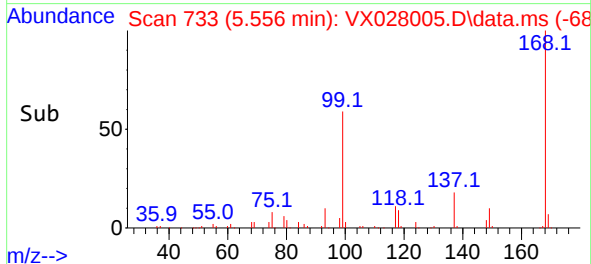
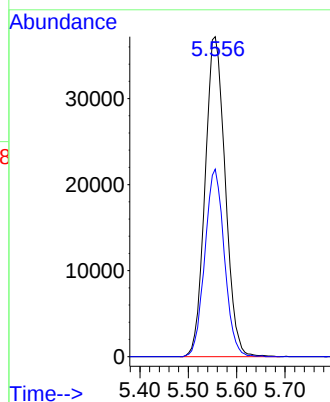


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028005.D
Acq: 07 Apr 2022 12:36

Instrument :
MSVOA_X
ClientSampleId :
IBLK

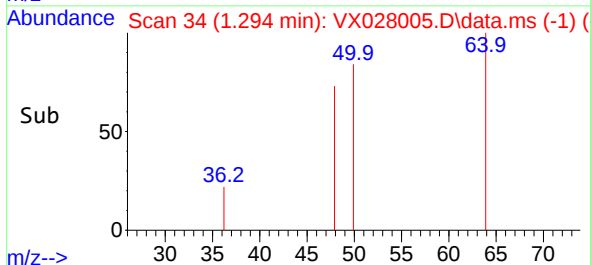
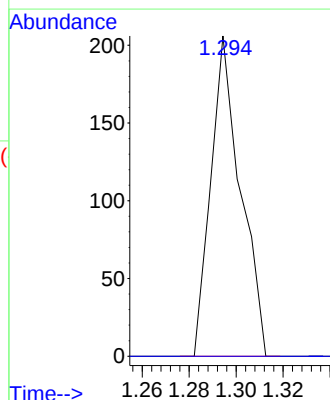
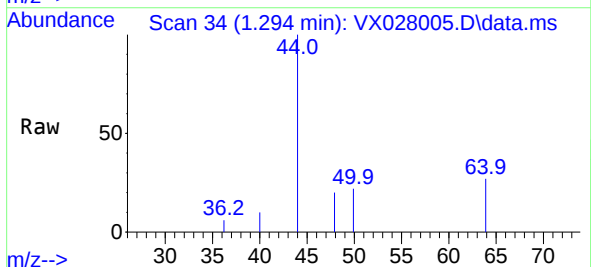


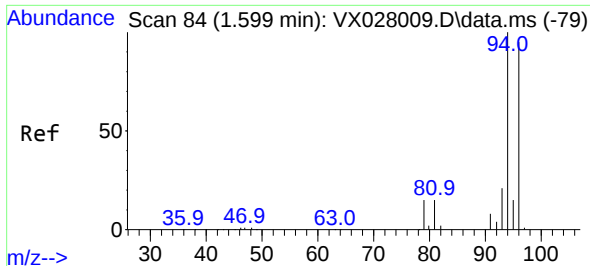
Tgt Ion:168 Resp: 107592
Ion Ratio Lower Upper
168 100
99 58.6 41.7 62.5



#3
Chloromethane
Concen: 1.607 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX028005.D
Acq: 07 Apr 2022 12:36

Tgt Ion: 50 Resp: 180
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

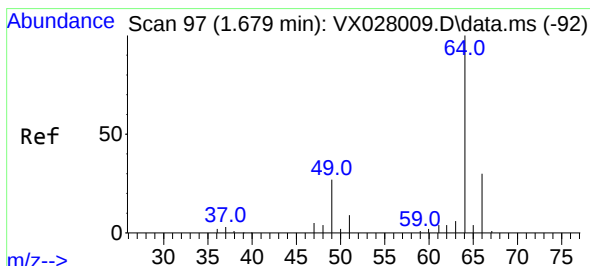
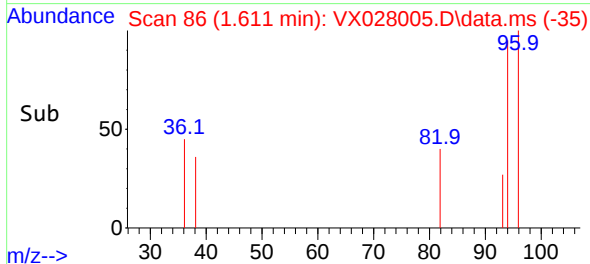
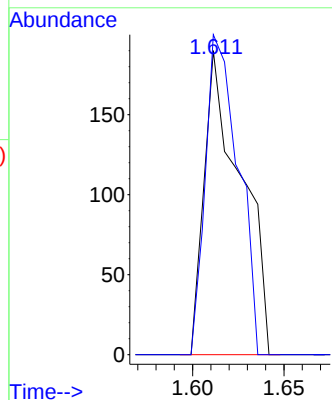
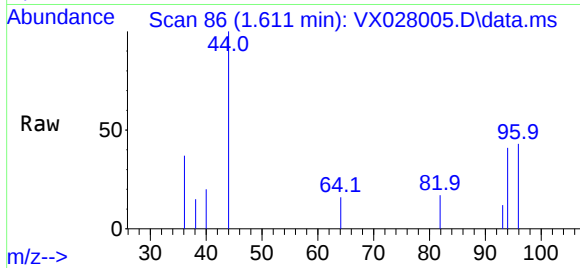




#5
Bromomethane
Concen: 1.179 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX028005.D
Acq: 07 Apr 2022 12:36

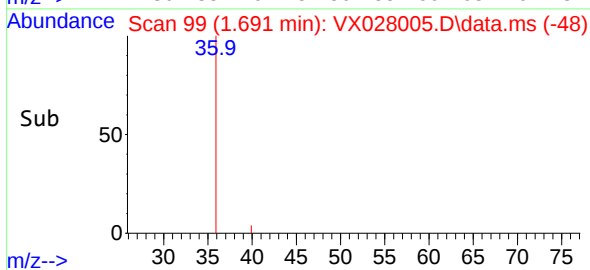
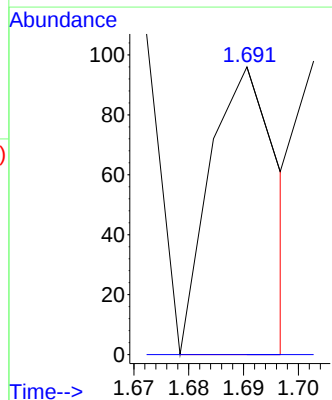
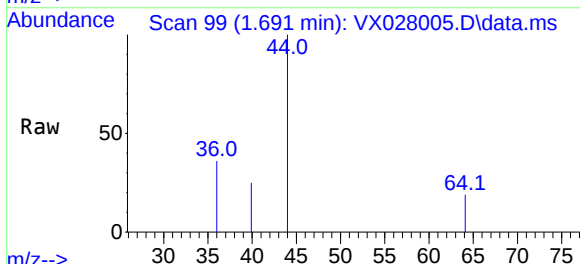
Instrument :
MSVOA_X
ClientSampleId :
IBLK

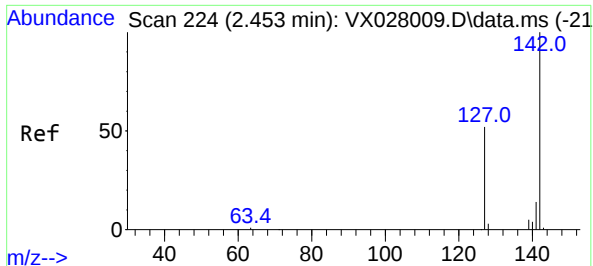
Tgt Ion: 94 Resp: 266
Ion Ratio Lower Upper
94 100
96 105.3 75.3 112.9



#6
Chloroethane
Concen: 1.661 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.012 min
Lab File: VX028005.D
Acq: 07 Apr 2022 12:36

Tgt Ion: 64 Resp: 84
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#

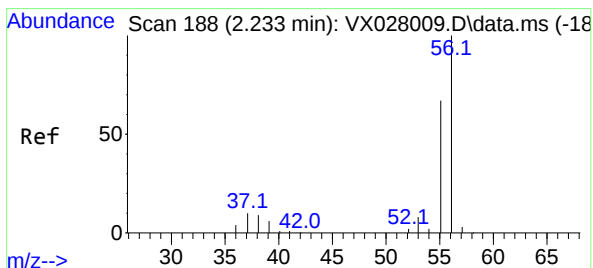
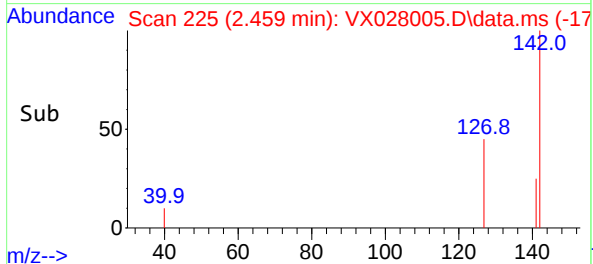
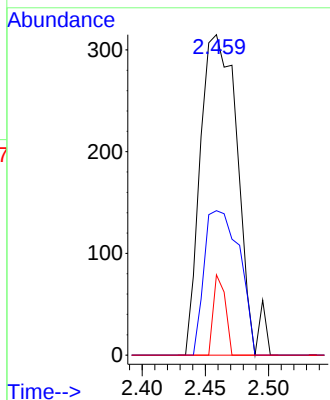
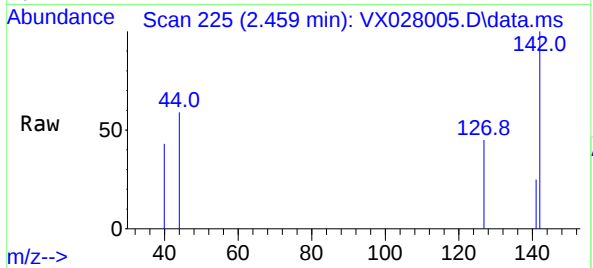




#10
Methyl Iodide
Concen: 7.172 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX028005.D
Acq: 07 Apr 2022 12:36

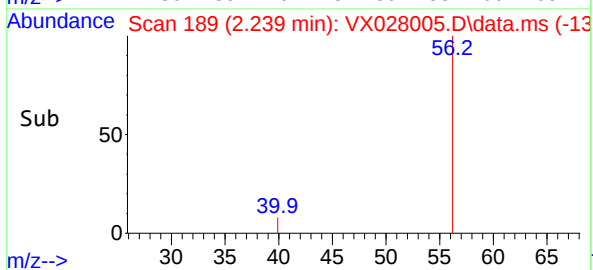
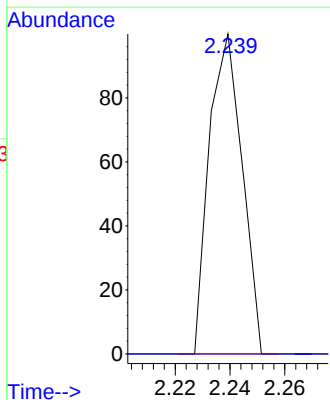
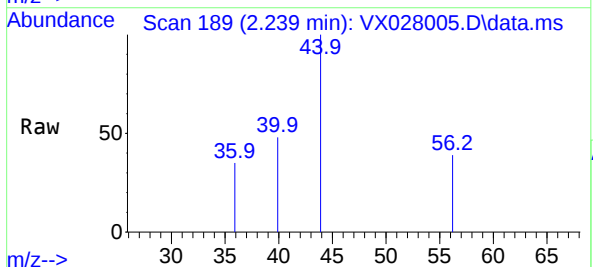
Instrument :
MSVOA_X
ClientSampleId :
IBLK

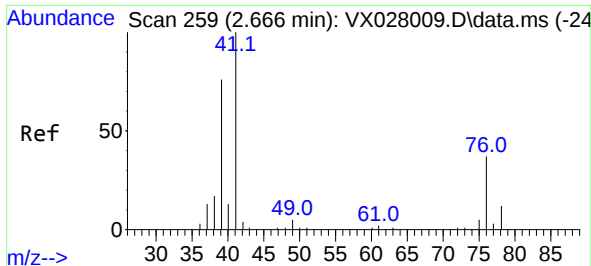
Tgt Ion:142 Resp: 647
Ion Ratio Lower Upper
142 100
127 42.7 33.9 50.9
141 8.0 11.4 17.2#



#13
Acrolein
Concen: 0.315 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.006 min
Lab File: VX028005.D
Acq: 07 Apr 2022 12:36

Tgt Ion: 56 Resp: 83
Ion Ratio Lower Upper
56 100
55 0.0 55.0 82.6#

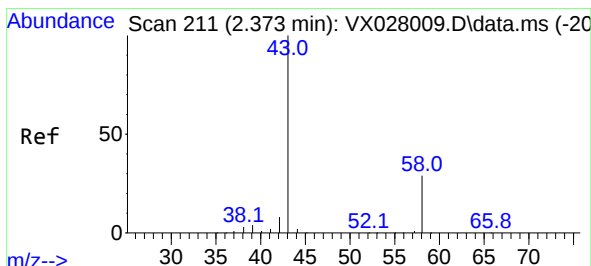
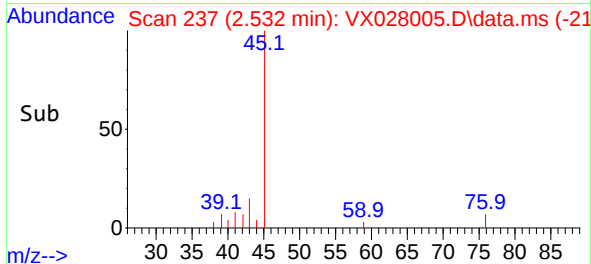
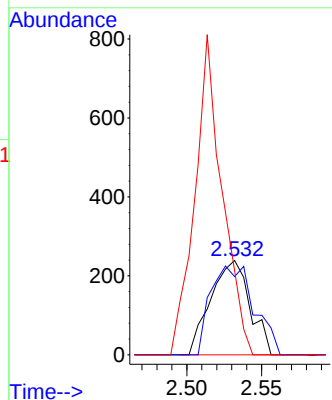
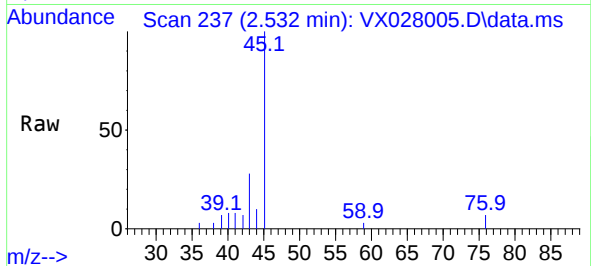




#14
 Allyl chloride
 Concen: 0.225 ug/l
 RT: 2.532 min Scan# 21
 Delta R.T. -0.134 min
 Lab File: VX028005.D
 Acq: 07 Apr 2022 12:36

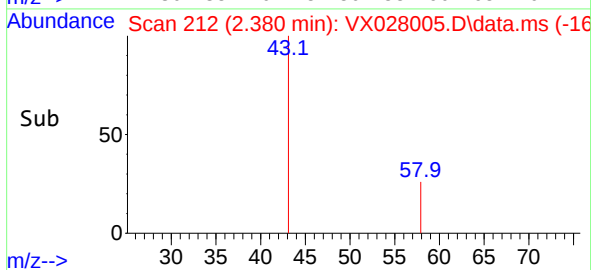
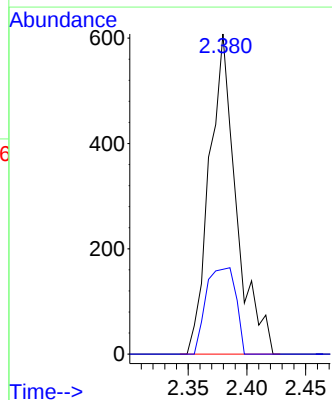
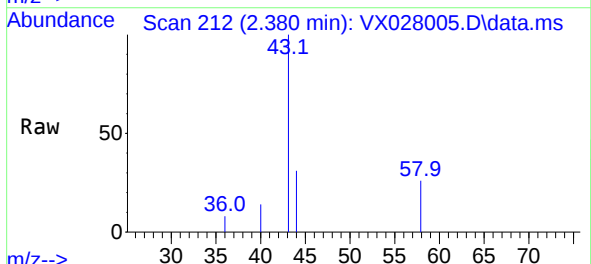
Instrument :
 MSVOA_X
 ClientSampleId :
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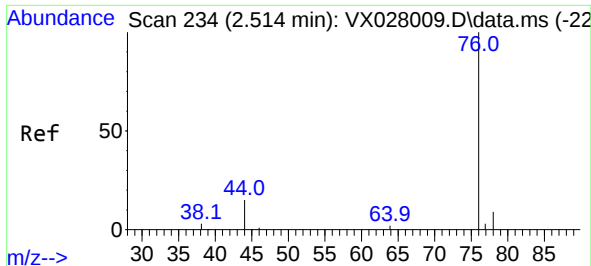
Tgt Ion: 41 Resp: 435
 Ion Ratio Lower Upper
 41 100
 39 105.1 50.4 75.6#
 76 237.5 32.7 49.1#



#16
 Acetone
 Concen: Below Cal
 RT: 2.380 min Scan# 212
 Delta R.T. 0.006 min
 Lab File: VX028005.D
 Acq: 07 Apr 2022 12:36

Tgt Ion: 43 Resp: 974
 Ion Ratio Lower Upper
 43 100
 58 26.5 28.8 43.2#

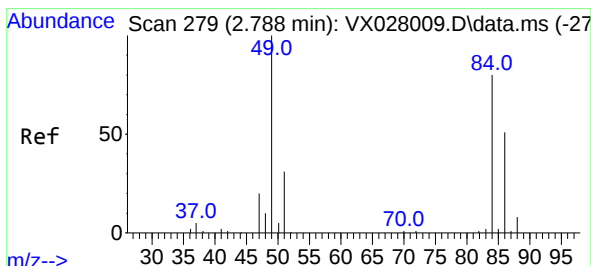
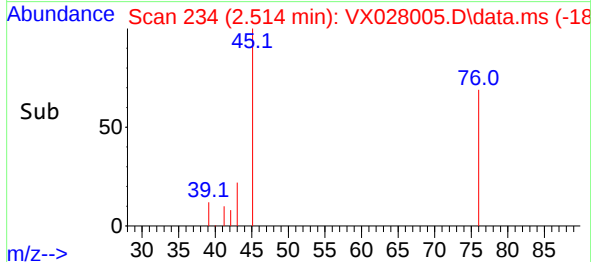
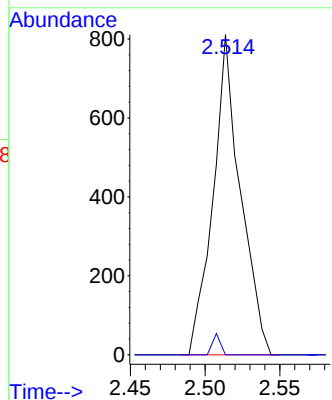
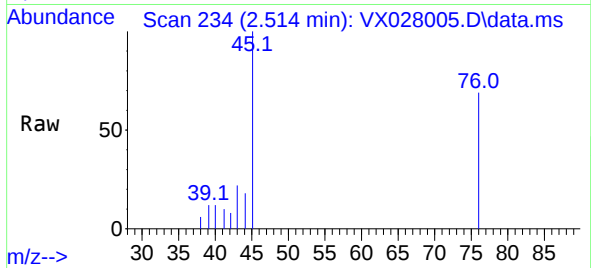




#17
Carbon Disulfide
Concen: Below Cal
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX028005.D
Acq: 07 Apr 2022 12:36

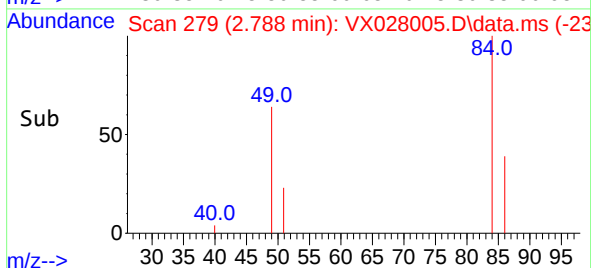
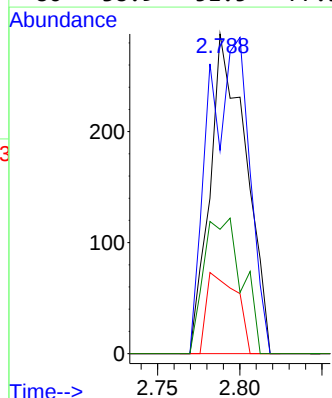
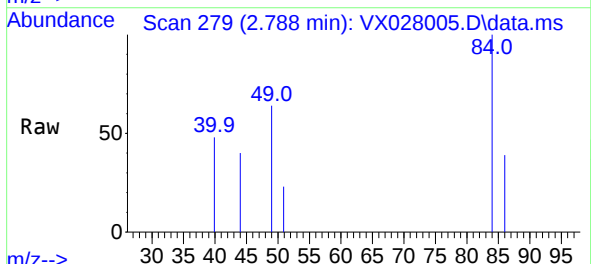
Instrument :
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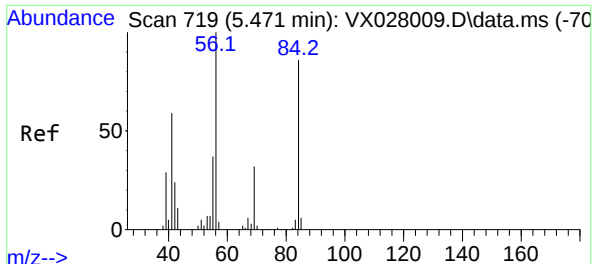
Tgt Ion: 76 Resp: 1033
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 2.668 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX028005.D
Acq: 07 Apr 2022 12:36

Tgt Ion: 84 Resp: 439
Ion Ratio Lower Upper
84 100
49 63.5 85.5 128.3#
51 22.9 26.6 39.8#
86 38.9 51.5 77.3#

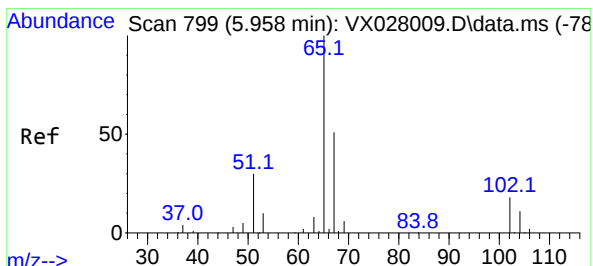
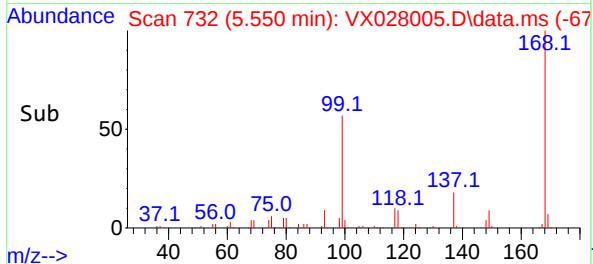
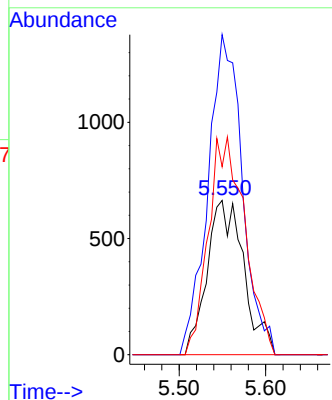
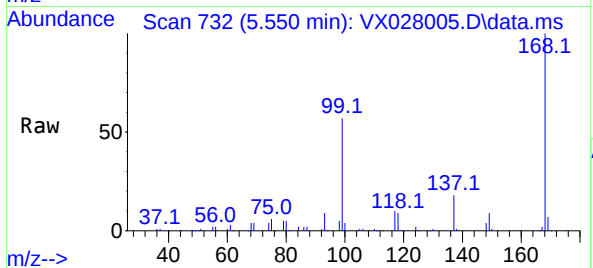




#31
Cyclohexane
Concen: 0.988 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX028005.D
Acq: 07 Apr 2022 12:36

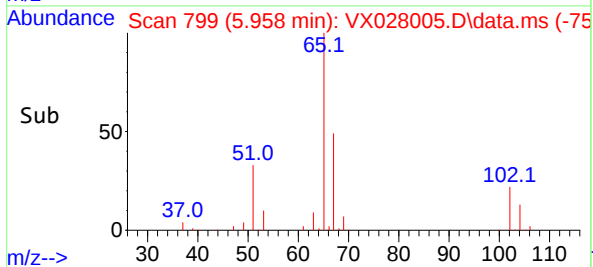
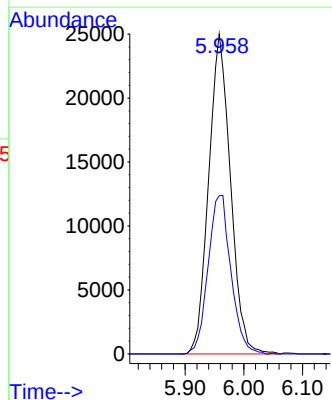
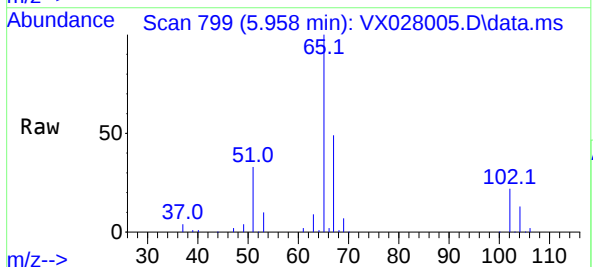
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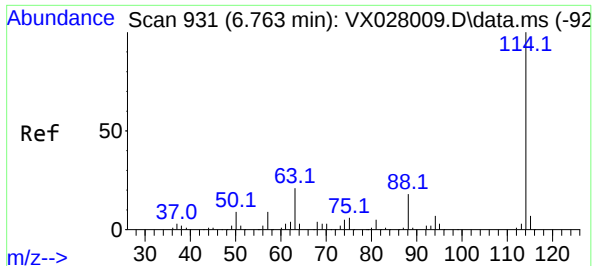
Tgt Ion: 56 Resp: 1956
Ion Ratio Lower Upper
56 100
69 207.4 26.7 40.1#
84 121.8 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 39.496 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028005.D
Acq: 07 Apr 2022 12:36

Tgt Ion: 65 Resp: 64507
Ion Ratio Lower Upper
65 100
67 51.9 0.0 107.4

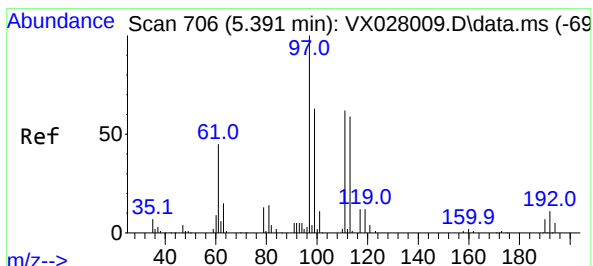
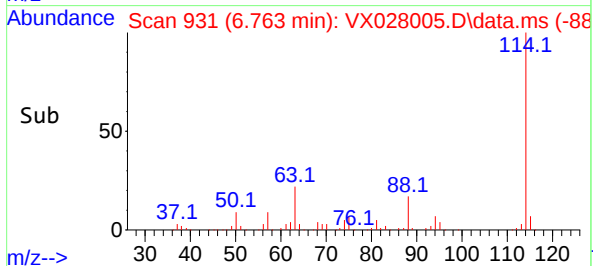
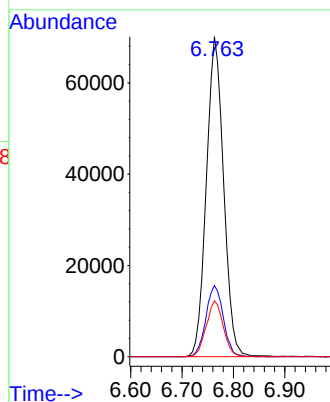
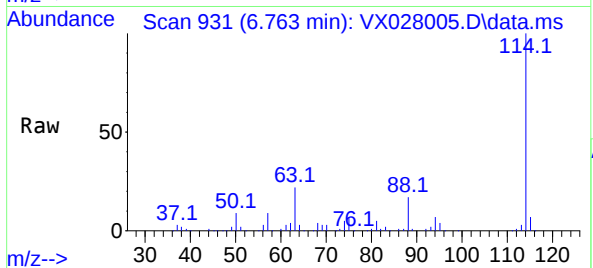




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX028005.D
Acq: 07 Apr 2022 12:36

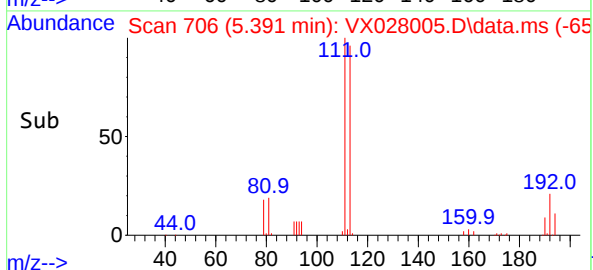
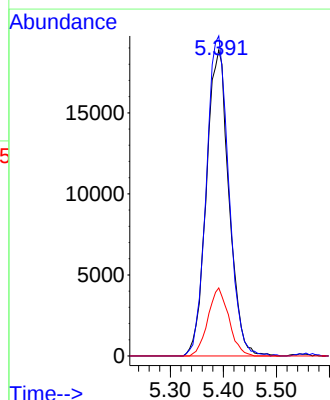
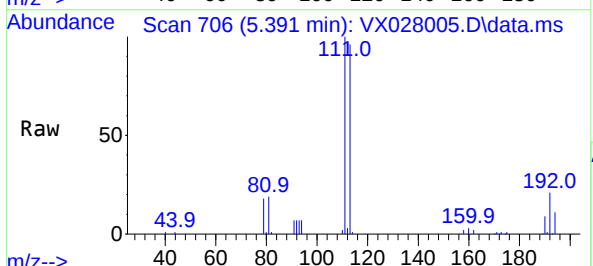
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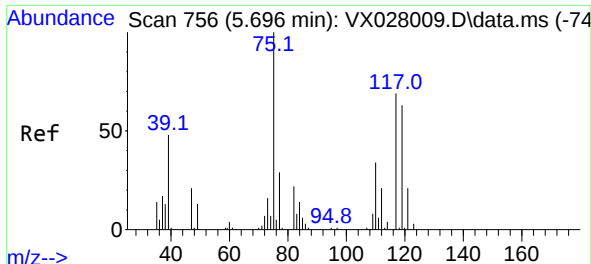
Tgt Ion:114 Resp: 163427
Ion Ratio Lower Upper
114 100
63 22.2 0.0 36.8
88 17.5 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.861 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX028005.D
Acq: 07 Apr 2022 12:36

Tgt Ion:113 Resp: 55795
Ion Ratio Lower Upper
113 100
111 103.4 82.8 124.2
192 20.6 16.9 25.3

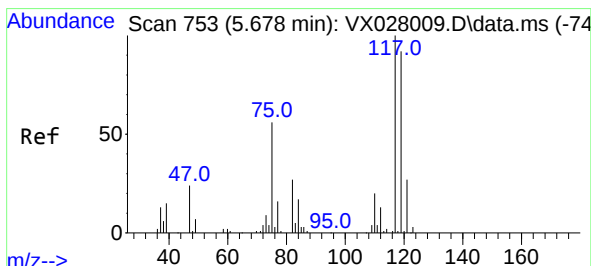
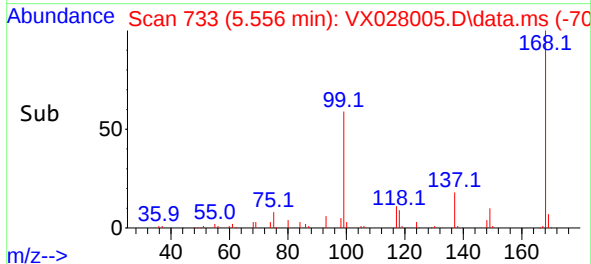
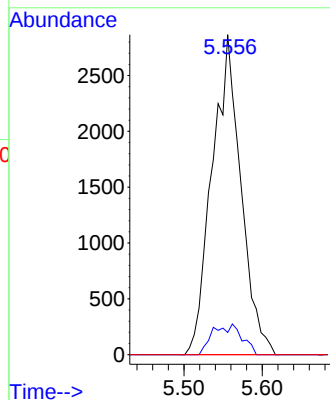
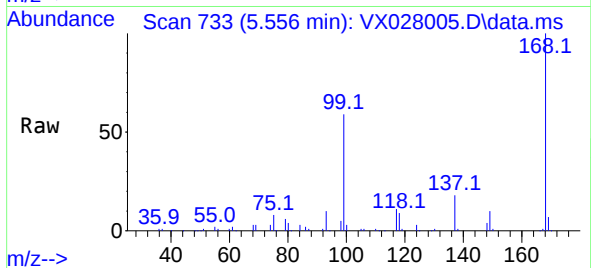




#36
1,1-Dichloropropene
Concen: 4.549 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX028005.D
Acq: 07 Apr 2022 12:36

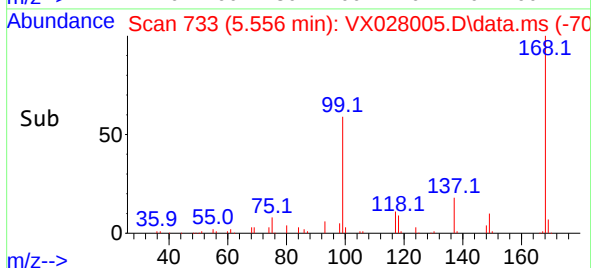
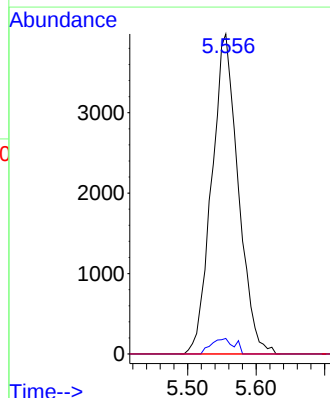
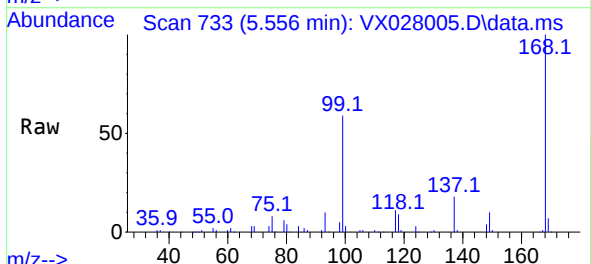
Instrument :
MSVOA_X
ClientSampleId :
IBLK

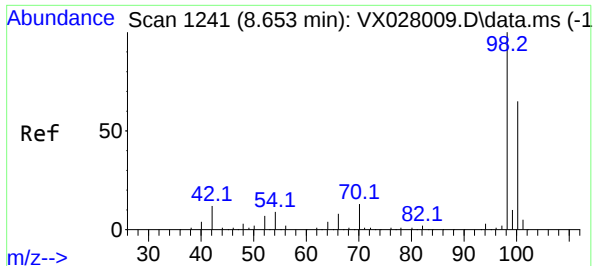
Tgt Ion: 75 Resp: 7337
Ion Ratio Lower Upper
75 100
110 9.7 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 6.119 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX028005.D
Acq: 07 Apr 2022 12:36

Tgt Ion: 117 Resp: 10684
Ion Ratio Lower Upper
117 100
119 4.9 77.3 115.9#
121 0.0 24.2 36.2#

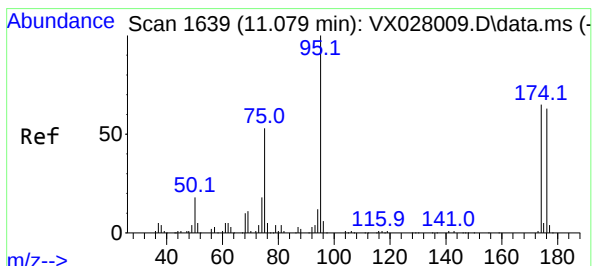
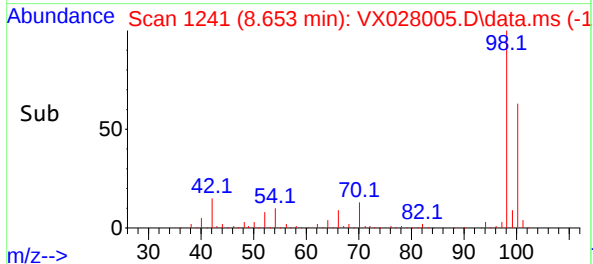
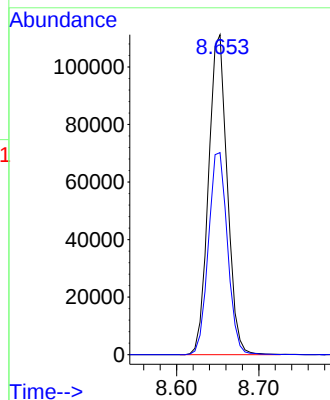
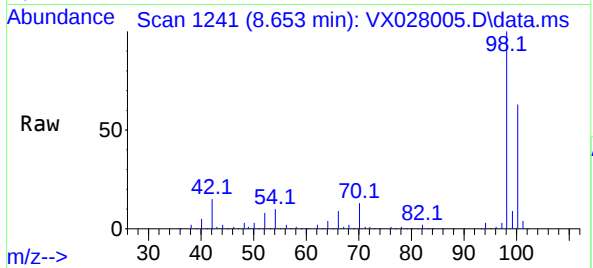




#50
Toluene-d8
Concen: 44.896 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028005.D
Acq: 07 Apr 2022 12:36

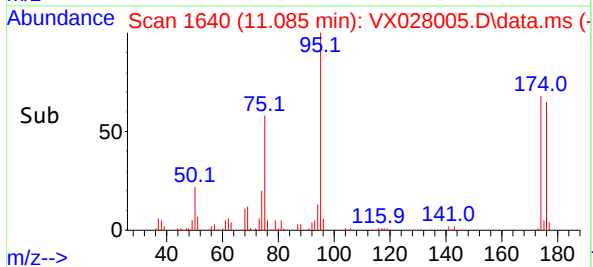
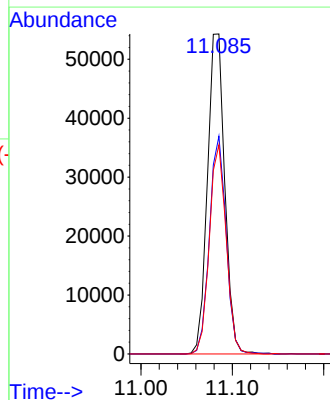
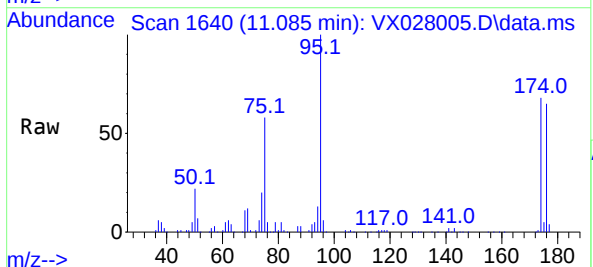
Instrument :
MSVOA_X
ClientSampleId :
IBLK

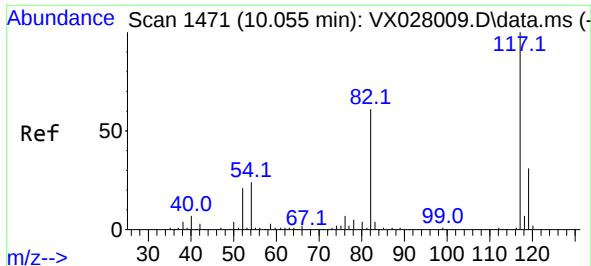
Tgt Ion: 98 Resp: 175730
Ion Ratio Lower Upper
98 100
100 64.4 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 42.830 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX028005.D
Acq: 07 Apr 2022 12:36

Tgt Ion: 95 Resp: 71266
Ion Ratio Lower Upper
95 100
174 65.5 0.0 163.0
176 63.2 0.0 155.0

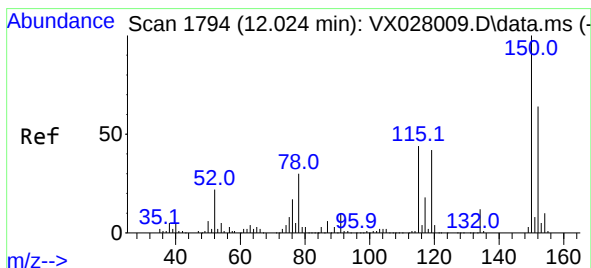
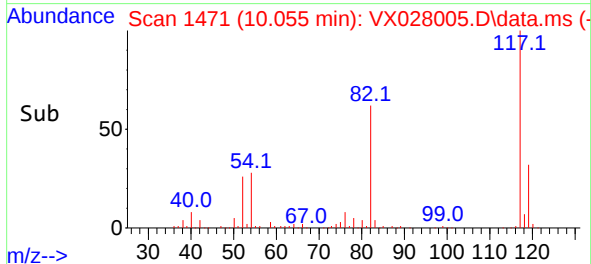
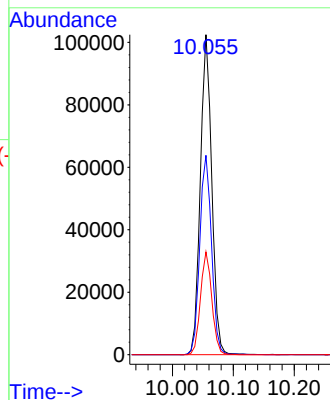
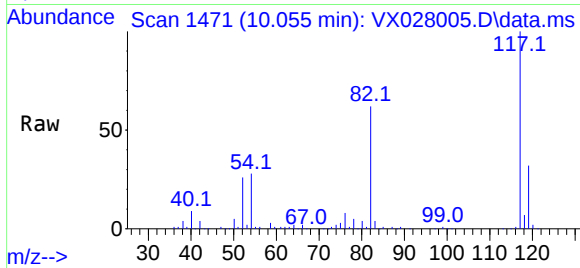




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028005.D
Acq: 07 Apr 2022 12:36

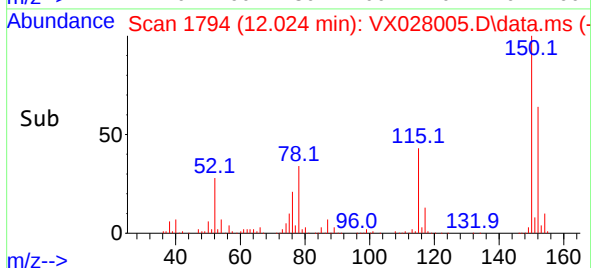
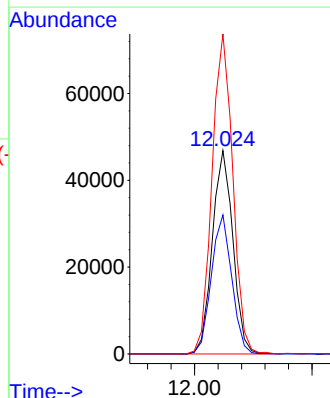
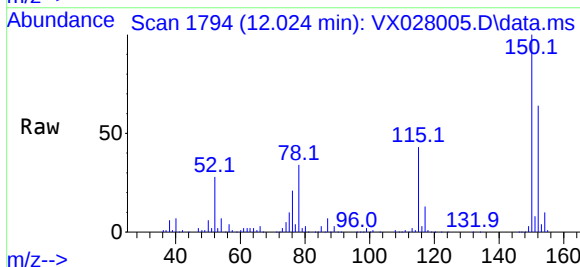
Instrument :
MSVOA_X
ClientSampleId :
IBLK

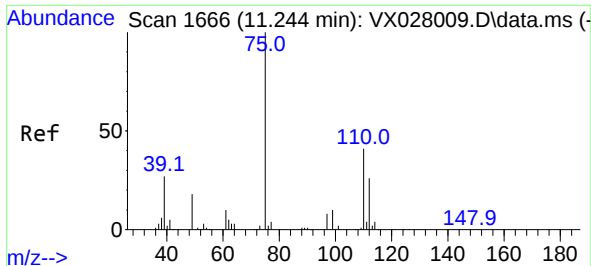
Tgt Ion:117 Resp: 133552
Ion Ratio Lower Upper
117 100
82 62.3 41.8 62.8
119 32.1 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028005.D
Acq: 07 Apr 2022 12:36

Tgt Ion:152 Resp: 56944
Ion Ratio Lower Upper
152 100
115 67.9 37.5 112.7
150 158.7 0.0 338.2

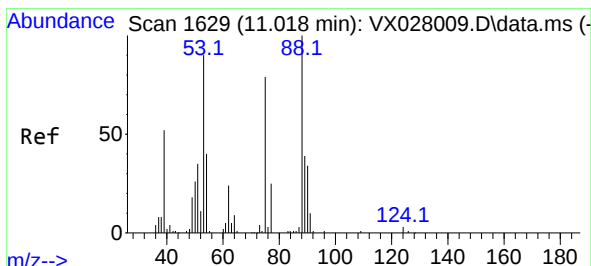
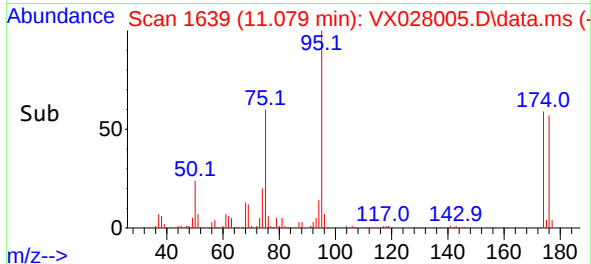
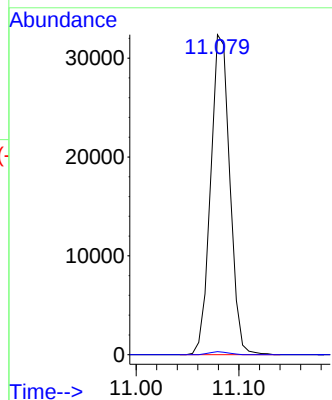
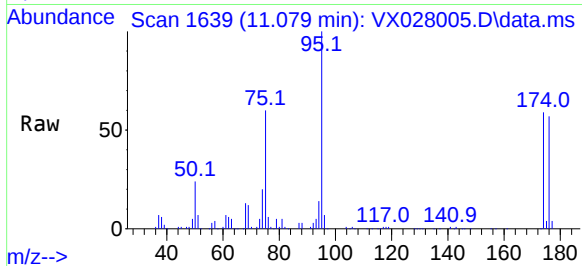




#76
1,2,3-Trichloropropane
Concen: 30.037 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX028005.D
Acq: 07 Apr 2022 12:36

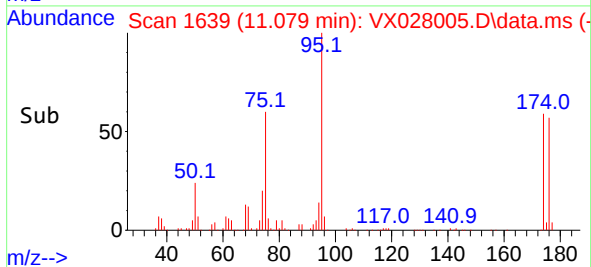
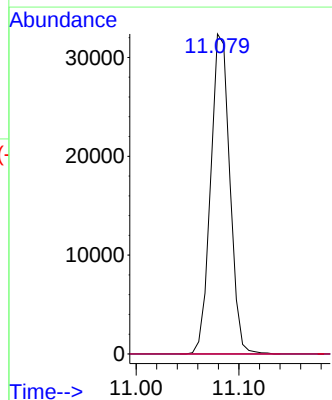
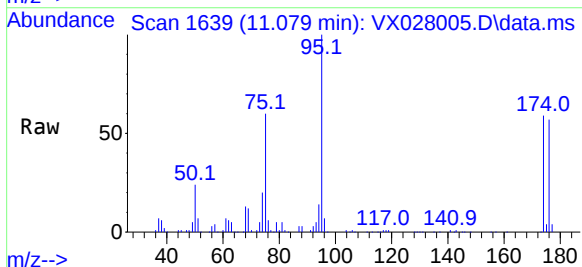
Instrument :
MSVOA_X
ClientSampleId :
IBLK

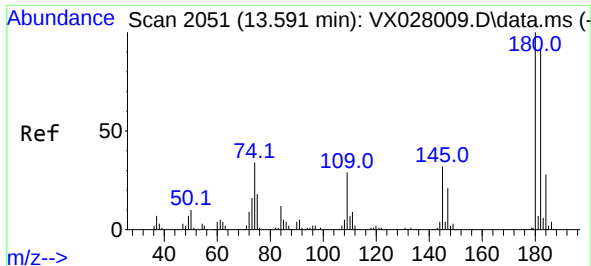
Tgt Ion: 75 Resp: 41956
Ion Ratio Lower Upper
75 100
77 0.9 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 92.142 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028005.D
Acq: 07 Apr 2022 12:36

Tgt Ion: 75 Resp: 41956
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

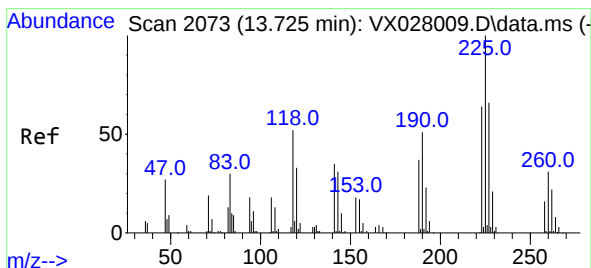
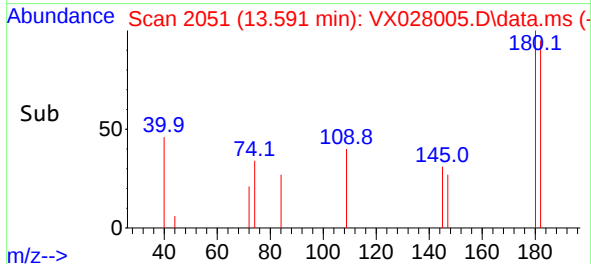
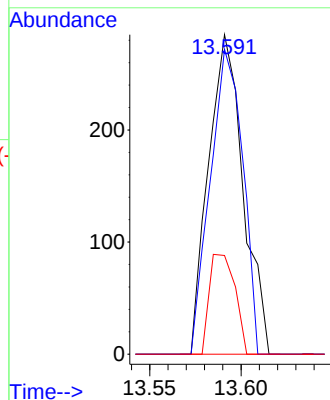
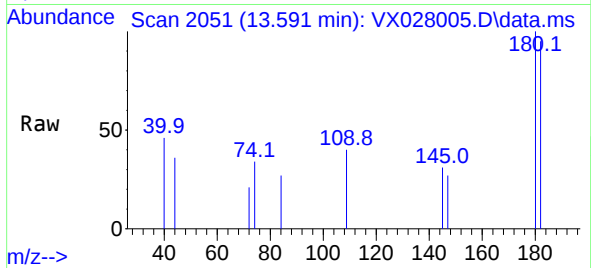




#93
 1,2,4-Trichlorobenzene
 Concen: 0.324 ug/l
 RT: 13.591 min Scan# 2051
 Delta R.T. -0.000 min
 Lab File: VX028005.D
 Acq: 07 Apr 2022 12:36

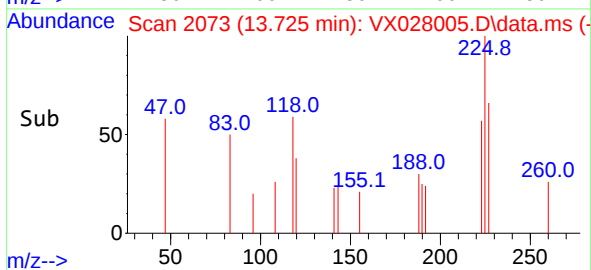
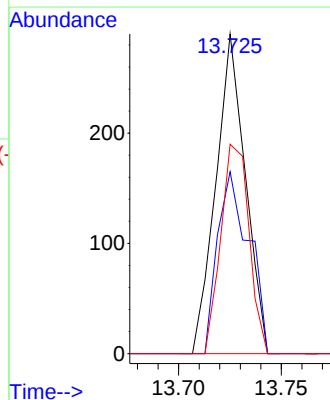
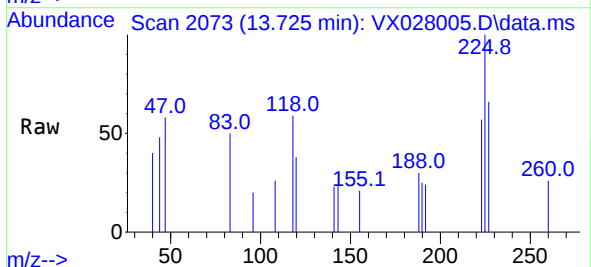
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

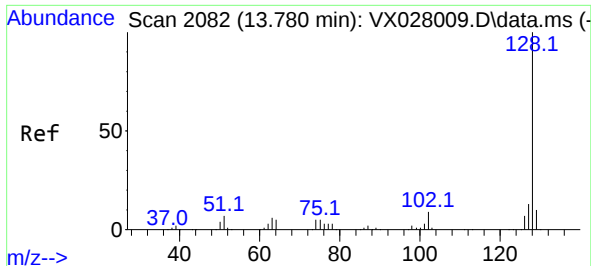
Tgt Ion:180 Resp: 375
 Ion Ratio Lower Upper
 180 100
 182 89.6 47.7 143.1
 145 23.2 15.2 45.5



#94
 Hexachlorobutadiene
 Concen: 0.537 ug/l
 RT: 13.725 min Scan# 2073
 Delta R.T. 0.000 min
 Lab File: VX028005.D
 Acq: 07 Apr 2022 12:36

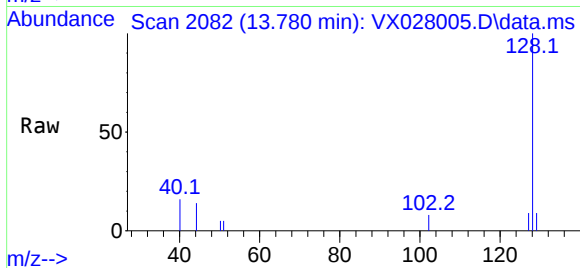
Tgt Ion:225 Resp: 290
 Ion Ratio Lower Upper
 225 100
 223 60.3 34.2 102.5
 227 62.4 33.9 101.7





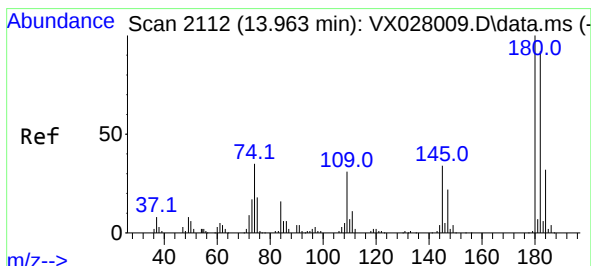
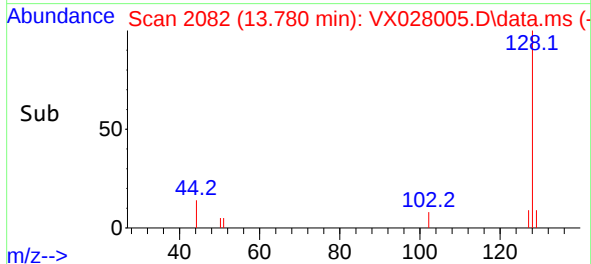
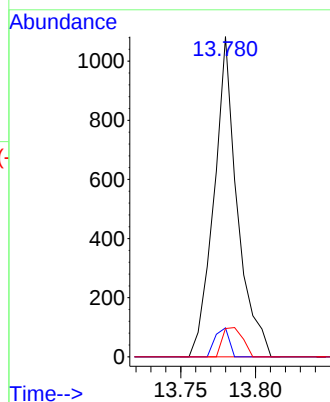
#95
Naphthalene
Concen: 0.294 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX028005.D
Acq: 07 Apr 2022 12:36

Instrument :
MSVOA_X
ClientSampleId :
IBLK



Tgt Ion:128 Resp: 1173

Ion	Ratio	Lower	Upper
128	100		
127	5.5	10.2	15.4#
129	7.9	8.7	13.1#



#96
1,2,3-Trichlorobenzene
Concen: 0.287 ug/l
RT: 13.969 min Scan# 2113
Delta R.T. 0.006 min
Lab File: VX028005.D
Acq: 07 Apr 2022 12:36

Tgt Ion:180 Resp: 327

Ion	Ratio	Lower	Upper
180	100		
182	114.7	50.0	149.8
145	33.3	16.2	48.5

