

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031023\
 Data File : VD075493.D
 Acq On : 10 Mar 2023 14:28
 Operator : KP/SY
 Sample : VIBLK
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Mar 10 23:06:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 10 16:02:39 2023
 Response via : Initial Calibration

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

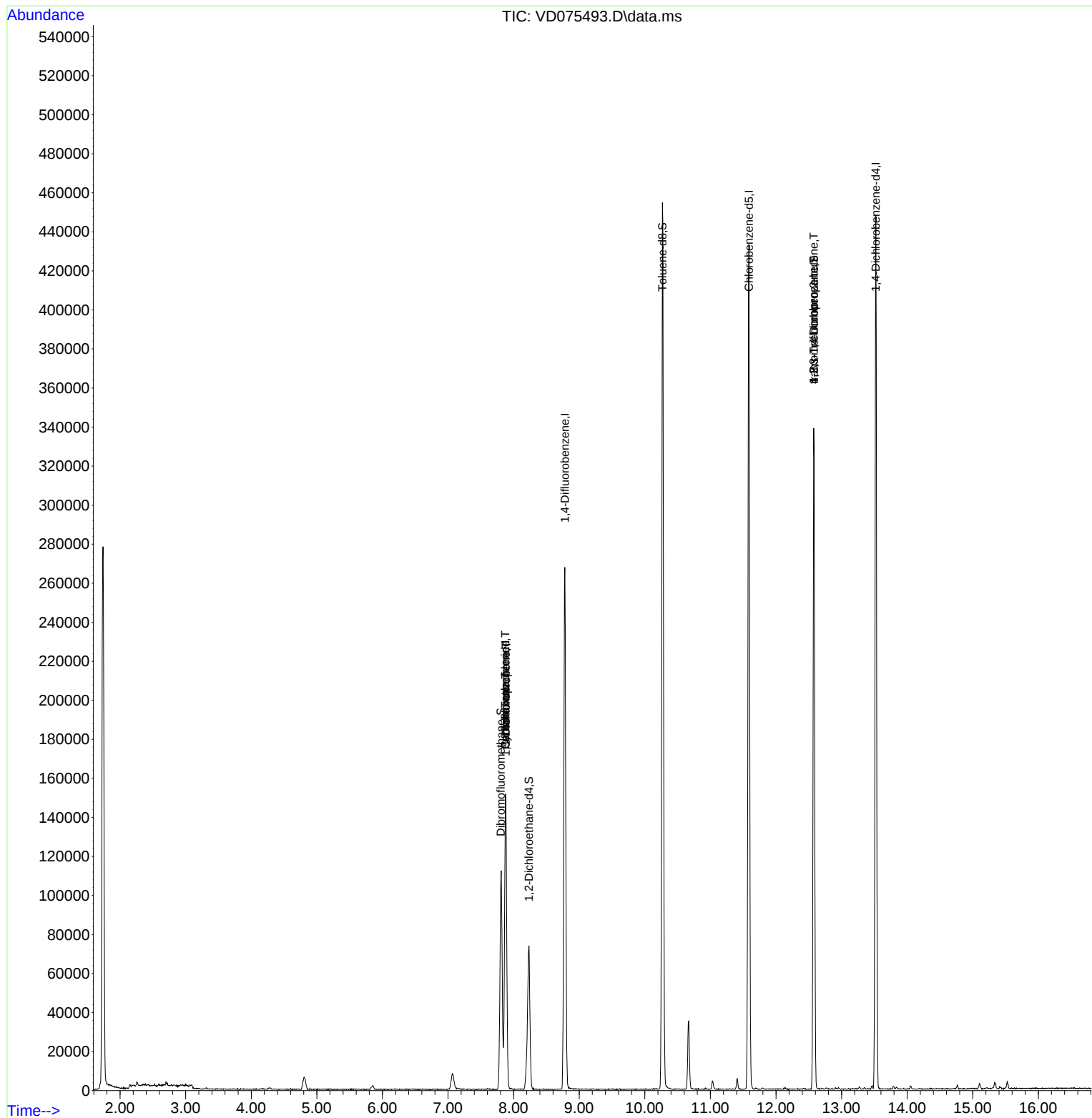
Internal Standards						
1) Pentafluorobenzene	7.875	168	127454	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	269337	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	282738	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	127886	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	54422	47.058	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.120%
35) Dibromofluoromethane	7.805	113	83984	45.528	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.060%
50) Toluene-d8	10.269	98	339941	46.648	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.300%
62) 4-Bromofluorobenzene	12.575	95	109701	52.074	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.140%
Target Compounds						
					Qvalue	
3) Chloromethane	2.152	50	746	Below Cal		89
16) Acetone	4.028	43	252	Below Cal	#	44
20) Methylene Chloride	4.805	84	5998	Below Cal	#	60
31) Cyclohexane	7.875	56	2349	1.140	ug/l #	26
36) 1,1-Dichloropropene	7.881	75	8915	3.261	ug/l #	49
38) Carbon Tetrachloride	7.875	117	11941	4.559	ug/l #	18
76) 1,2,3-Trichloropropane	12.575	75	52682	49.874	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	52682	105.651	ug/l #	5

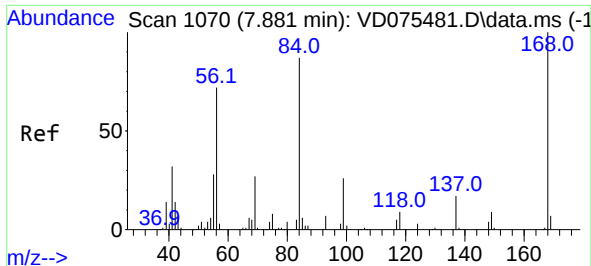
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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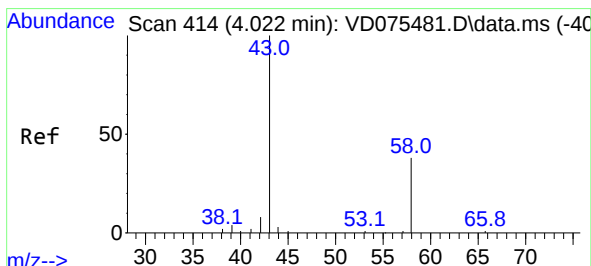
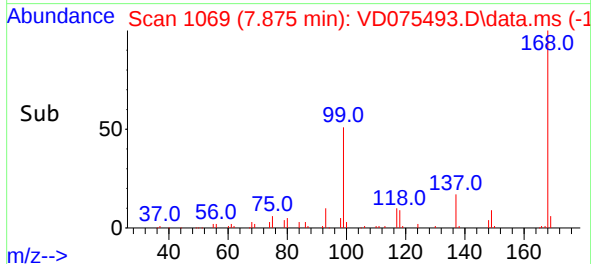
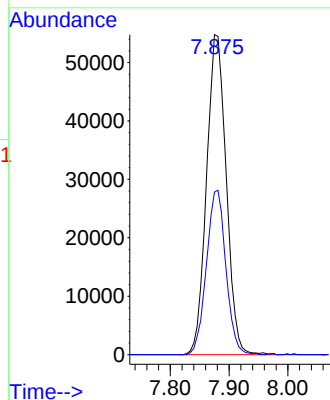
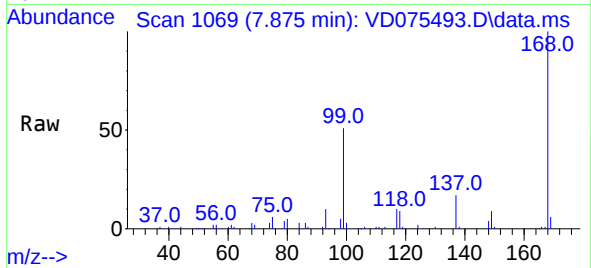




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD075493.D
Acq: 10 Mar 2023 14:28

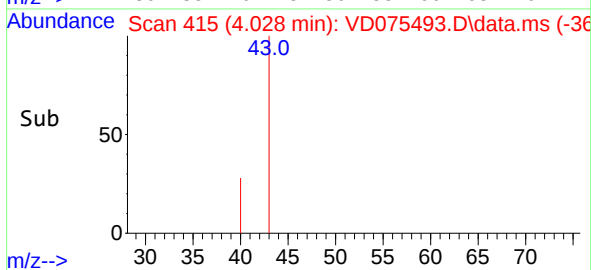
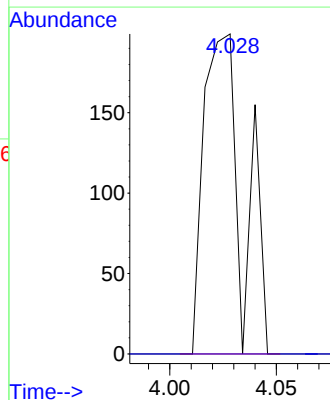
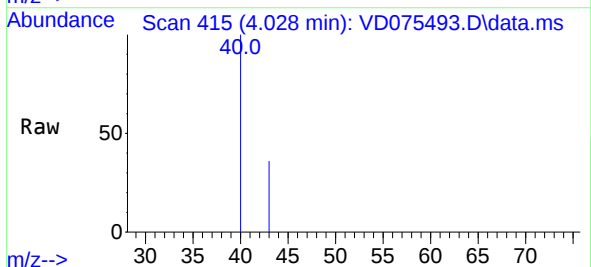
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

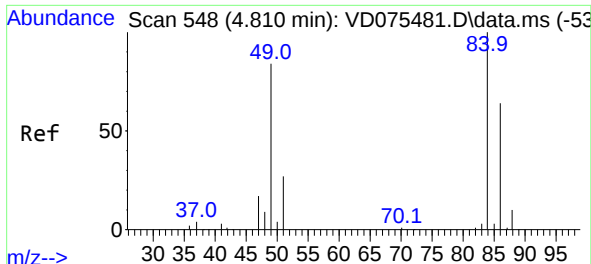
Tgt Ion:168 Resp: 127454
Ion Ratio Lower Upper
168 100
99 50.8 43.8 65.6



#16
Acetone
Concen: Below Cal
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD075493.D
Acq: 10 Mar 2023 14:28

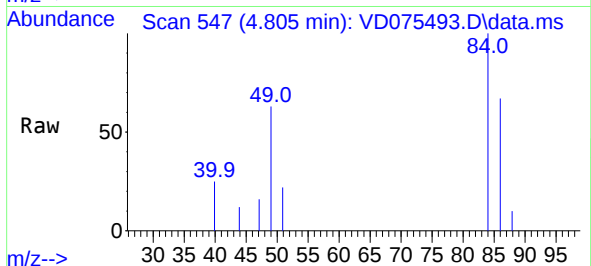
Tgt Ion: 43 Resp: 252
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#





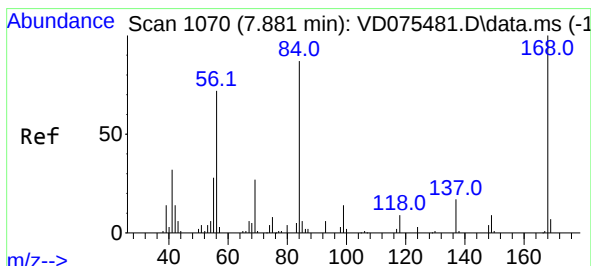
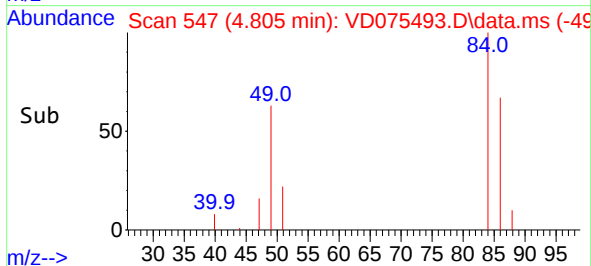
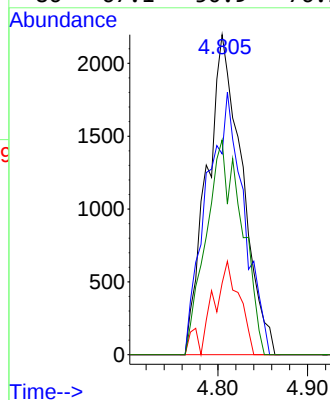
#20
Methylene Chloride
Concen: Below Cal
RT: 4.805 min Scan# 54
Delta R.T. -0.000 min
Lab File: VD075493.D
Acq: 10 Mar 2023 14:28

Instrument :
MSVOA_D
ClientSampleId :
VIBLK



Tgt Ion: 84 Resp: 5998

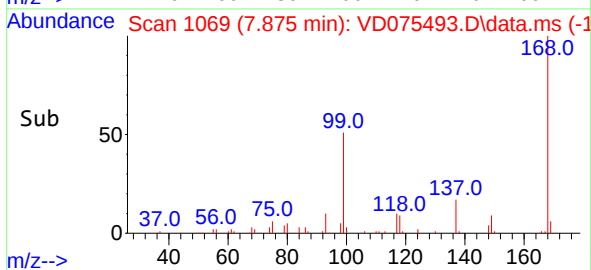
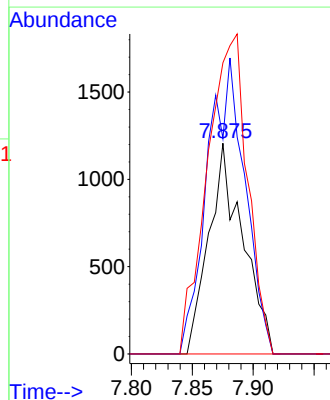
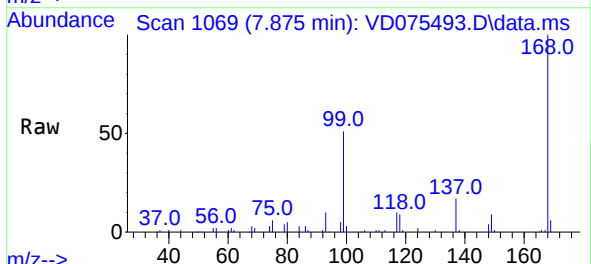
Ion	Ratio	Lower	Upper
84	100		
49	62.8	106.4	159.6#
51	22.3	32.4	48.6#
86	67.1	50.9	76.3

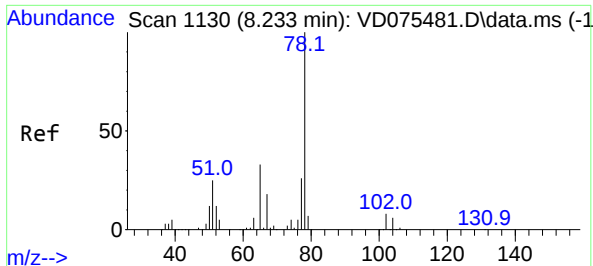


#31
Cyclohexane
Concen: 1.140 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD075493.D
Acq: 10 Mar 2023 14:28

Tgt Ion: 56 Resp: 2349

Ion	Ratio	Lower	Upper
56	100		
69	102.2	25.5	38.3#
84	138.2	69.6	104.4#

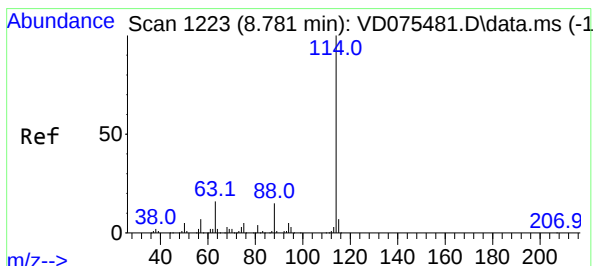
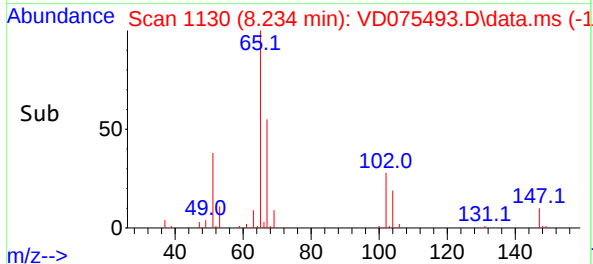
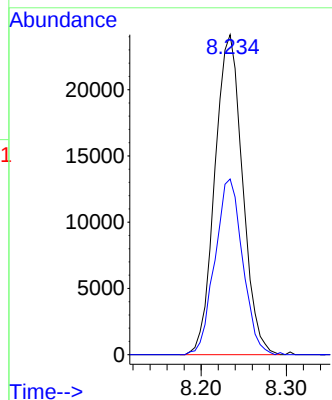
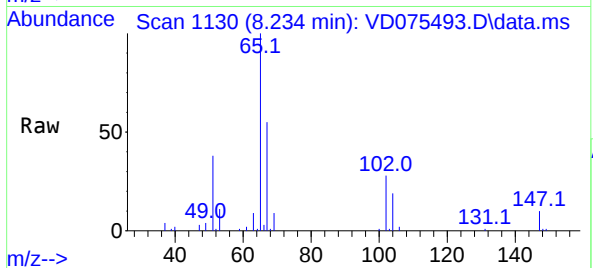




#33
1,2-Dichloroethane-d4
Concen: 47.058 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD075493.D
Acq: 10 Mar 2023 14:28

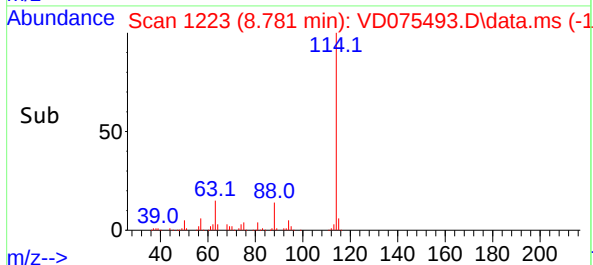
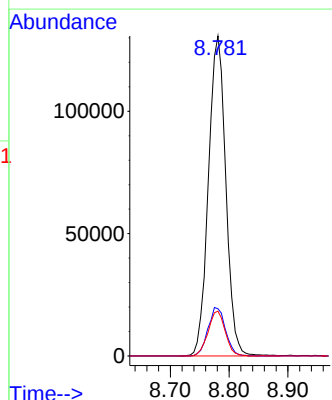
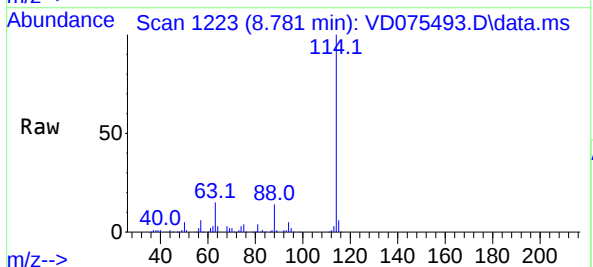
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

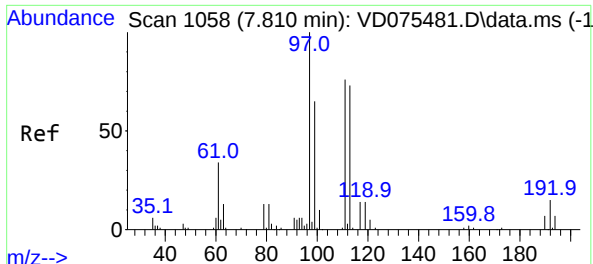
Tgt Ion: 65 Resp: 54422
Ion Ratio Lower Upper
65 100
67 55.2 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1223
Delta R.T. -0.000 min
Lab File: VD075493.D
Acq: 10 Mar 2023 14:28

Tgt Ion: 114 Resp: 269337
Ion Ratio Lower Upper
114 100
63 14.7 0.0 41.6
88 14.0 0.0 30.6

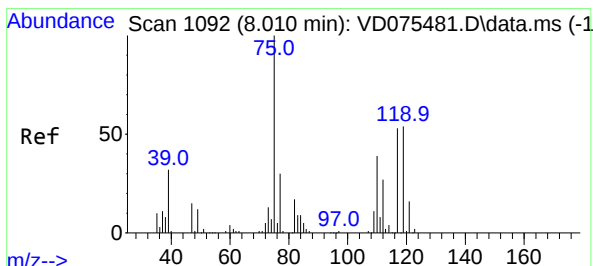
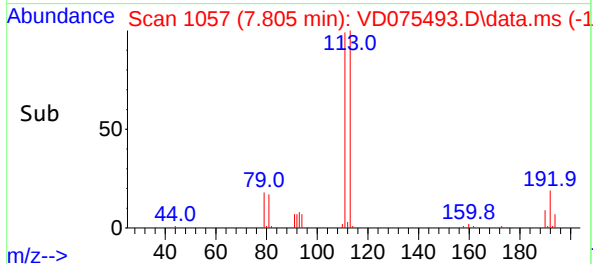
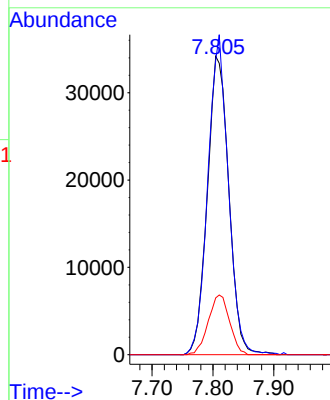
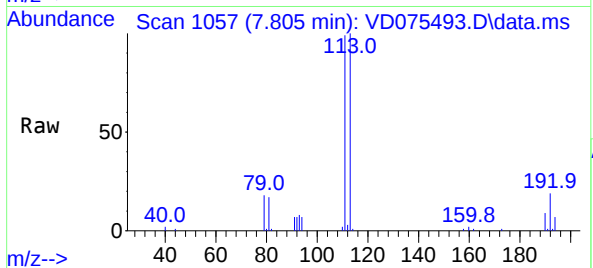




#35
Dibromofluoromethane
Concen: 45.528 ug/l
RT: 7.805 min Scan# 1070
Delta R.T. -0.005 min
Lab File: VD075493.D
Acq: 10 Mar 2023 14:28

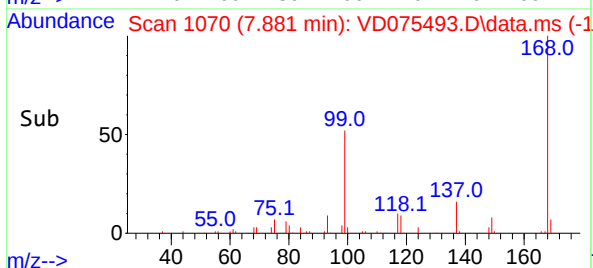
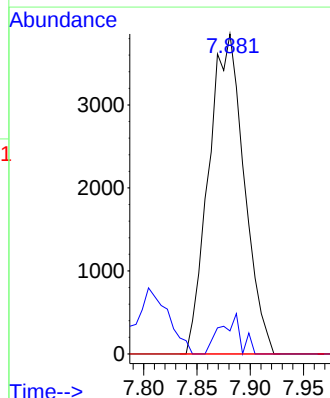
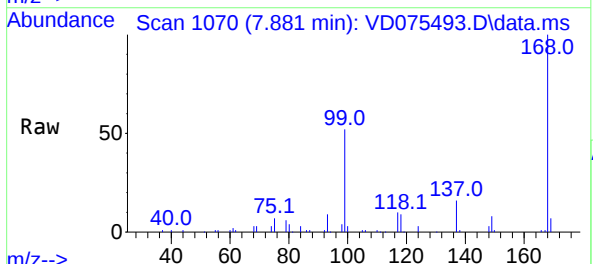
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

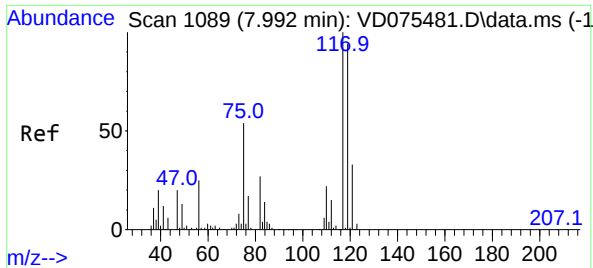
Tgt Ion:	113	Resp:	83984
Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.4	122.0
192	19.8	15.2	22.8



#36
1,1-Dichloropropene
Concen: 3.261 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.129 min
Lab File: VD075493.D
Acq: 10 Mar 2023 14:28

Tgt Ion:	75	Resp:	8915
Ion	Ratio	Lower	Upper
75	100		
110	7.2	17.1	51.2#
77	0.0	24.6	36.8#

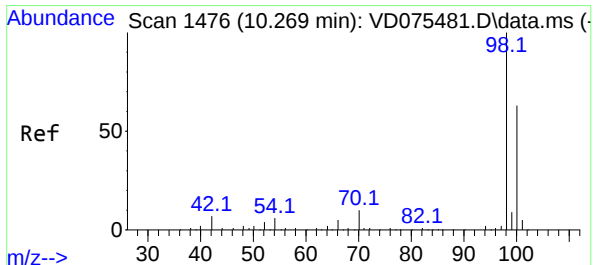
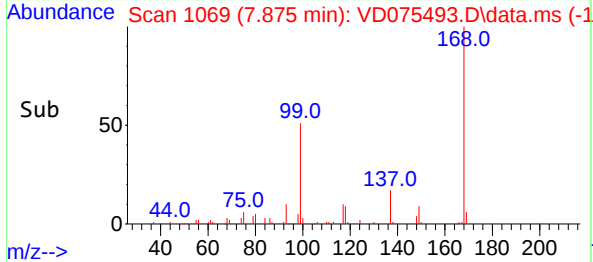
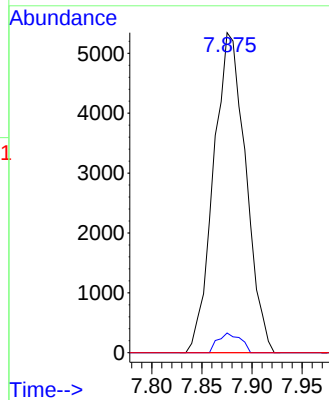
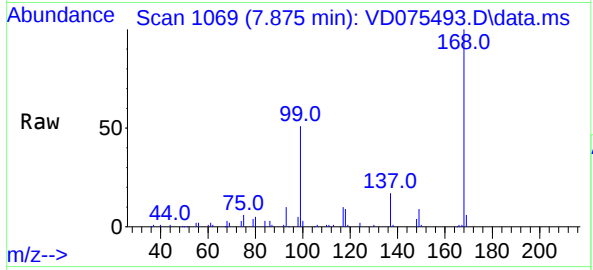




#38
Carbon Tetrachloride
Concen: 4.559 ug/l
RT: 7.875 min Scan# 1089
Delta R.T. -0.118 min
Lab File: VD075493.D
Acq: 10 Mar 2023 14:28

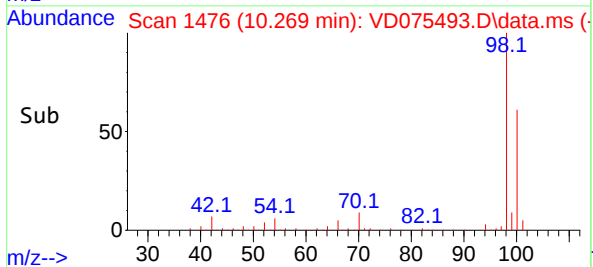
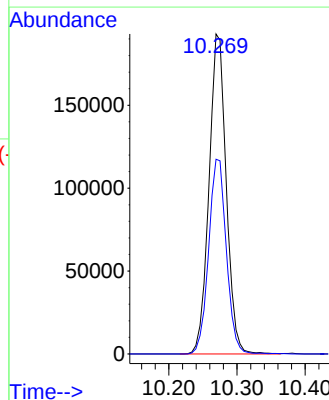
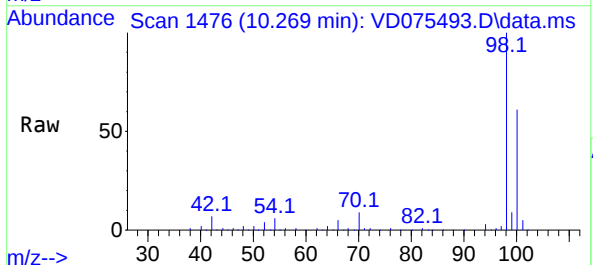
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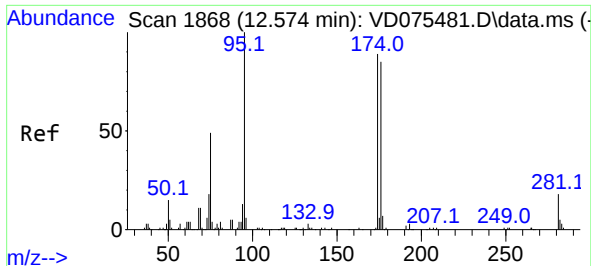
Tgt Ion:117 Resp: 11941
Ion Ratio Lower Upper
117 100
119 6.2 74.7 112.1#
121 0.0 25.9 38.9#



#50
Toluene-d8
Concen: 46.648 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075493.D
Acq: 10 Mar 2023 14:28

Tgt Ion: 98 Resp: 339941
Ion Ratio Lower Upper
98 100
100 62.4 52.1 78.1

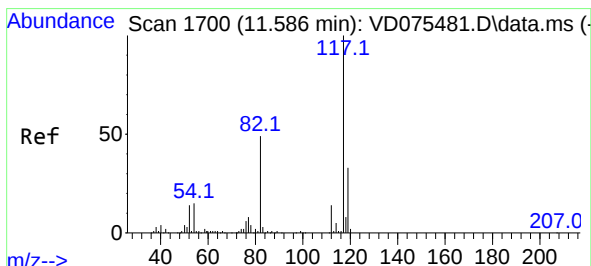
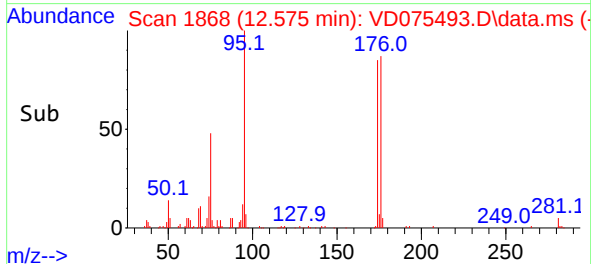
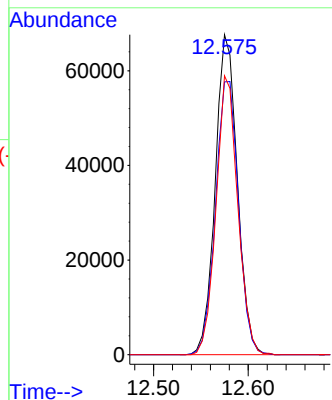
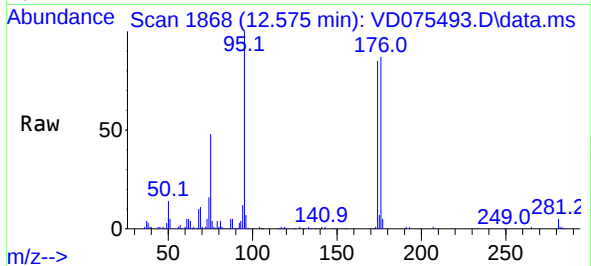




#62
4-Bromofluorobenzene
Concen: 52.074 ug/l
RT: 12.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075493.D
Acq: 10 Mar 2023 14:28

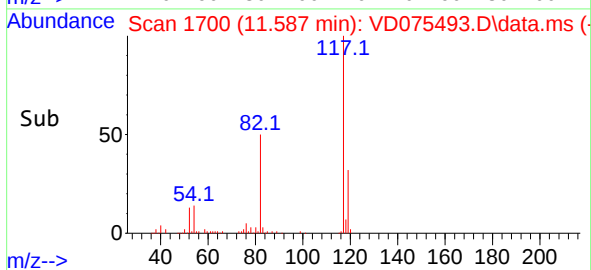
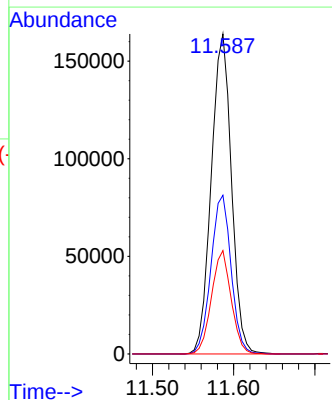
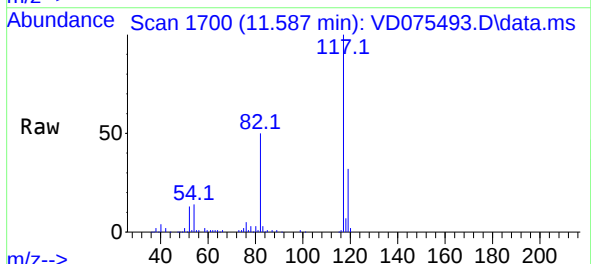
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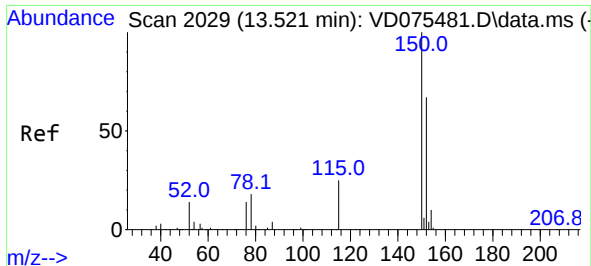
Tgt Ion: 95 Resp: 109701
Ion Ratio Lower Upper
95 100
174 88.9 0.0 164.0
176 85.6 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VD075493.D
Acq: 10 Mar 2023 14:28

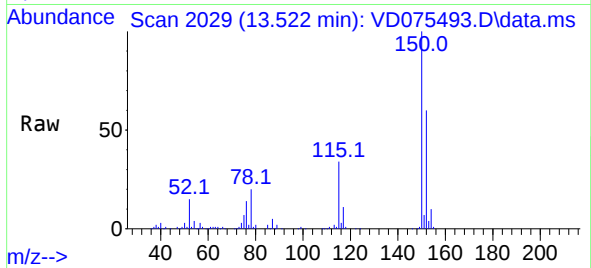
Tgt Ion: 117 Resp: 282738
Ion Ratio Lower Upper
117 100
82 49.6 44.0 66.0
119 32.3 25.1 37.7



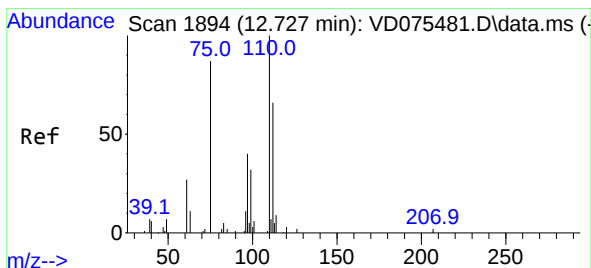
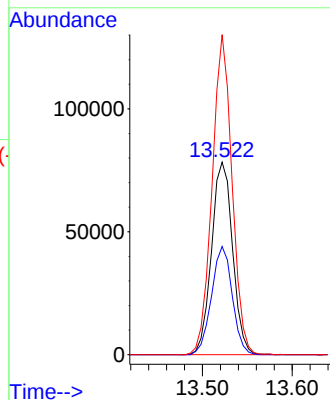
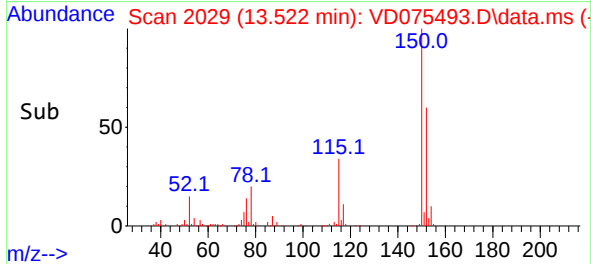


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 20
Delta R.T. -0.000 min
Lab File: VD075493.D
Acq: 10 Mar 2023 14:28

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

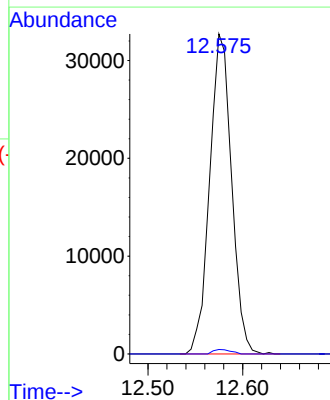
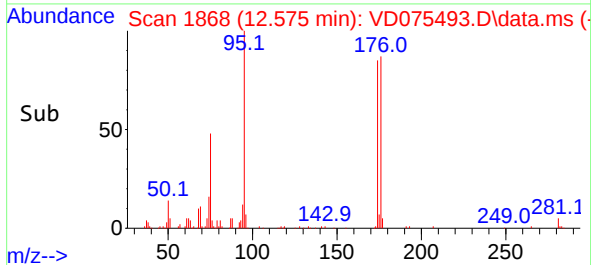
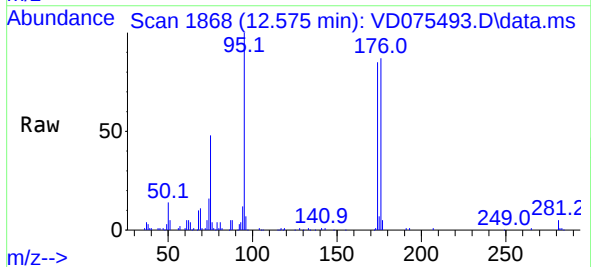


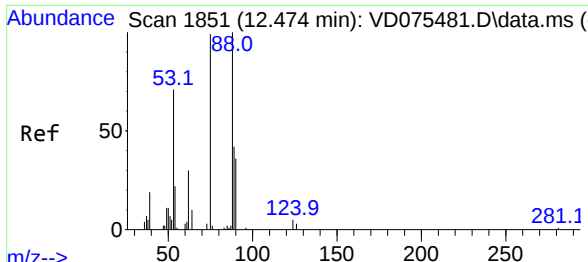
Tgt Ion:152 Resp: 127886
Ion Ratio Lower Upper
152 100
115 55.2 30.1 90.3
150 156.9 0.0 364.8



#76
1,2,3-Trichloropropane
Concen: 49.874 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075493.D
Acq: 10 Mar 2023 14:28

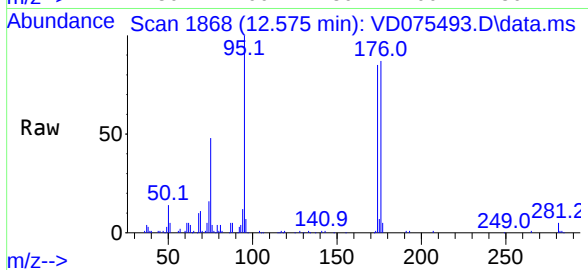
Tgt Ion: 75 Resp: 52682
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 105.651 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD075493.D
 Acq: 10 Mar 2023 14:28

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK



Tgt Ion: 75 Resp: 52682
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 40.2 60.4#

