

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080723\
 Data File : VD076943.D
 Acq On : 07 Aug 2023 20:53
 Operator : KP/SY
 Sample : 03903-06
 Misc : 5.30G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MW-06

Quant Time: Aug 08 04:42:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

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

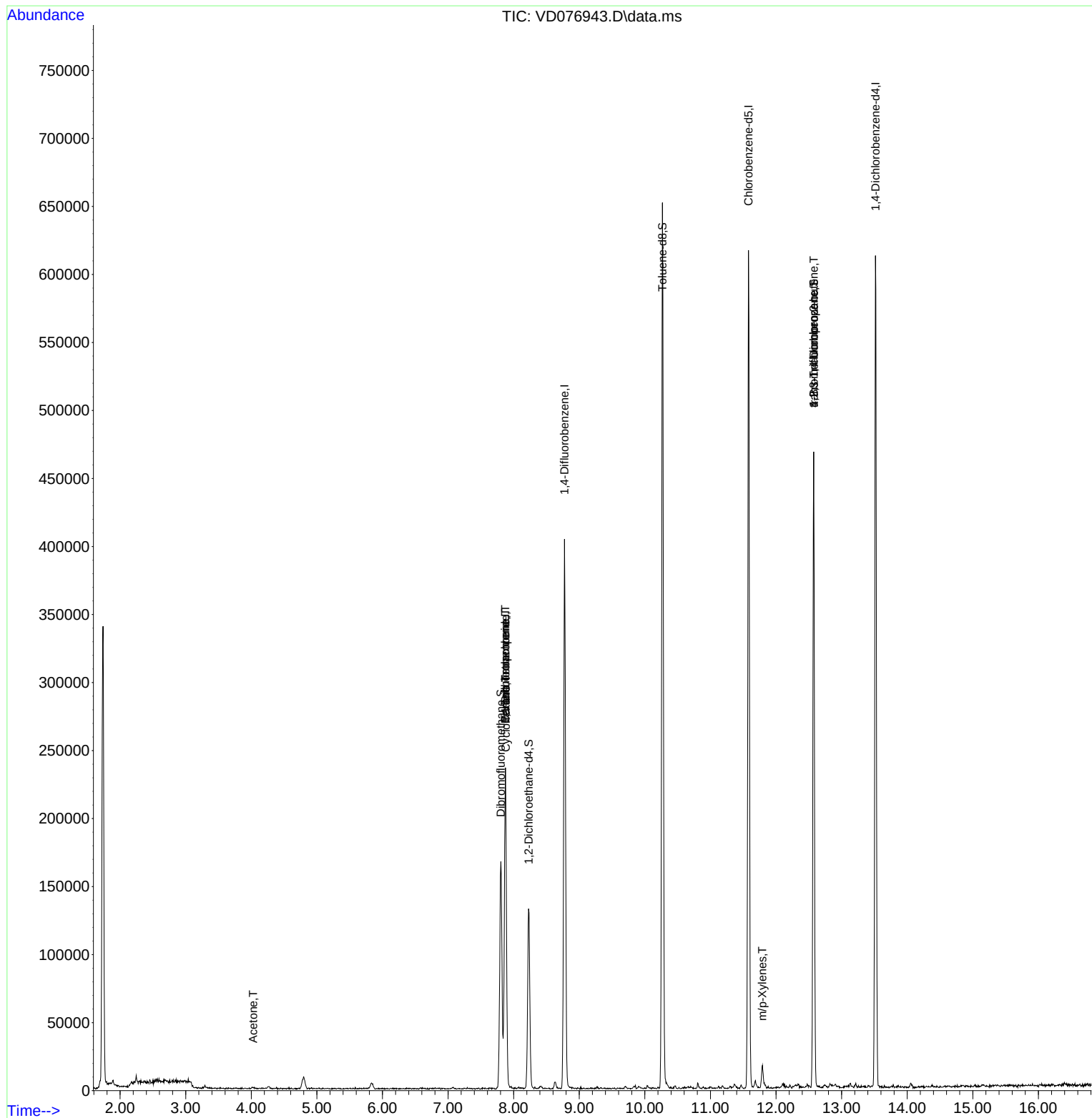
Internal Standards						
1) Pentafluorobenzene	7.875	168	178805	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	363520	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	365753	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	164960	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	103639	58.193	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.380%	
35) Dibromofluoromethane	7.804	113	126435	55.347	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.700%	
50) Toluene-d8	10.269	98	453987	55.553	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.100%	
62) 4-Bromofluorobenzene	12.575	95	143035	54.104	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 108.200%	
Target Compounds						
					Qvalue	
16) Acetone	4.028	43	1612	3.790	ug/l #	72
20) Methylene Chloride	4.804	84	6854	Below Cal	#	85
31) Cyclohexane	7.881	56	4171	1.591	ug/l #	36
36) 1,1-Dichloropropene	7.875	75	13821	4.630	ug/l #	48
38) Carbon Tetrachloride	7.875	117	18838	6.591	ug/l #	15
68) m/p-Xylenes	11.792	106	5333	1.075	ug/l	84
76) 1,2,3-Trichloropropane	12.575	75	77282	49.263	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	77282	104.845	ug/l #	17

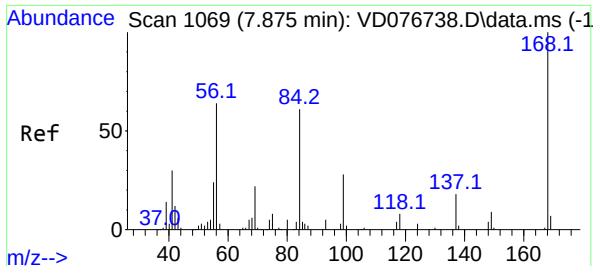
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080723\
Data File : VD076943.D
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Quant Time: Aug 08 04:42:18 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
Quant Title : SW846 8260
QLast Update : Mon Jul 17 08:07:52 2023
Response via : Initial Calibration

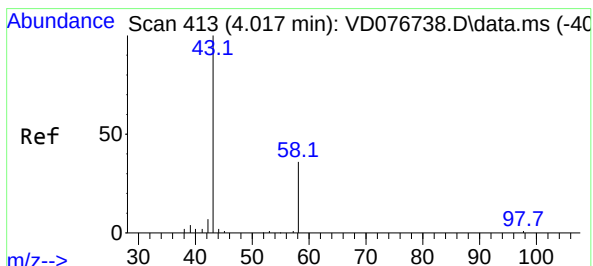
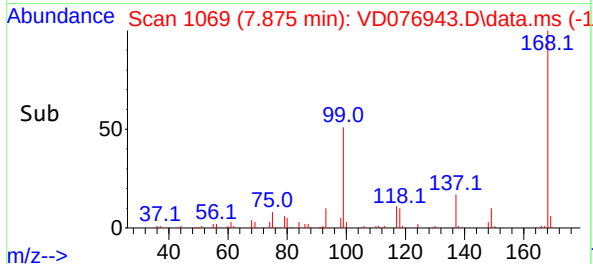
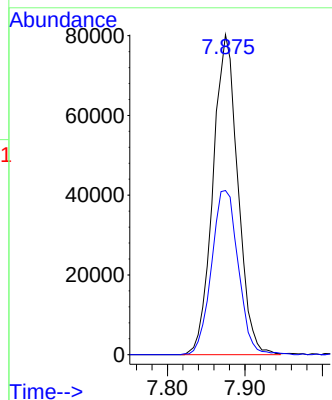
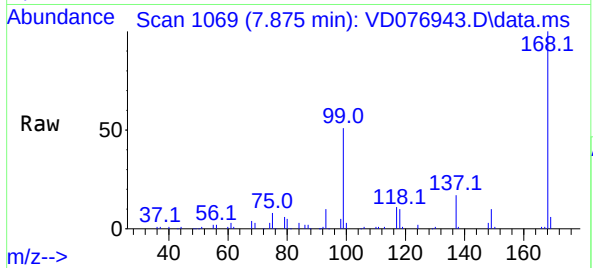




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076943.D
Acq: 07 Aug 2023 20:53

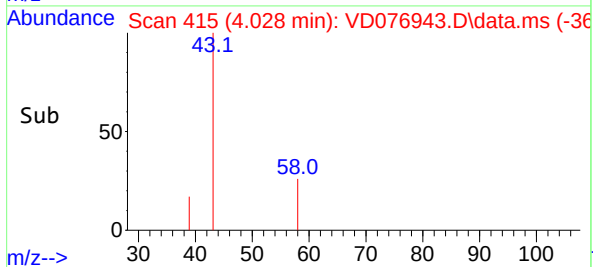
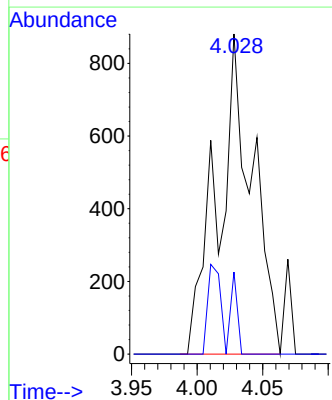
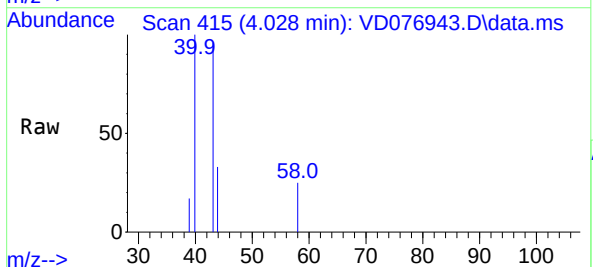
Instrument :
MSVOA_D
ClientSampleId :
MW-06

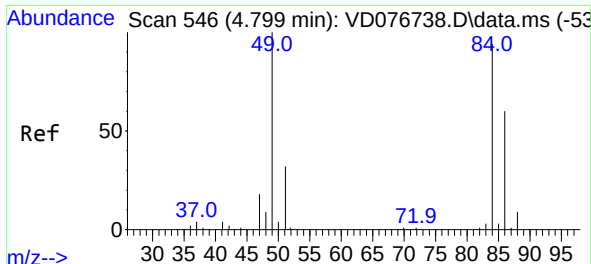
Tgt Ion:168 Resp: 178805
Ion Ratio Lower Upper
168 100
99 51.3 36.7 55.1



#16
Acetone
Concen: 3.790 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.011 min
Lab File: VD076943.D
Acq: 07 Aug 2023 20:53

Tgt Ion: 43 Resp: 1612
Ion Ratio Lower Upper
43 100
58 25.7 34.7 52.1#



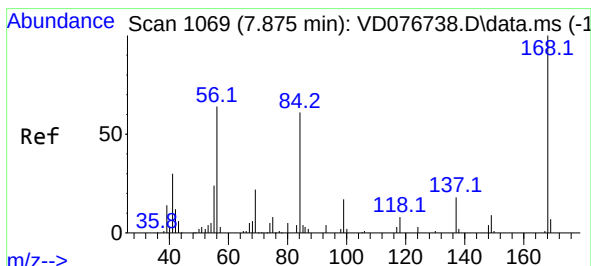
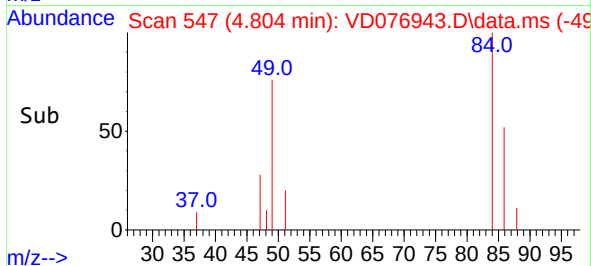
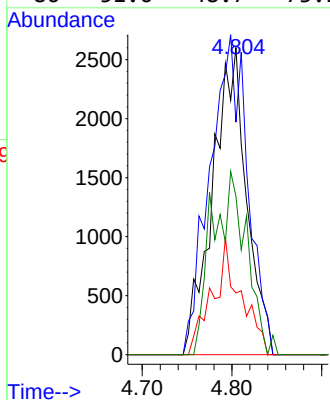
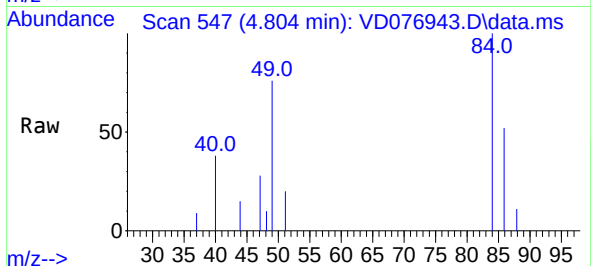


#20
Methylene Chloride
Concen: Below Cal
RT: 4.804 min Scan# 54
Delta R.T. 0.005 min
Lab File: VD076943.D
Acq: 07 Aug 2023 20:53

Instrument :
MSVOA_D
ClientSampleId :
MW-06

Tgt Ion: 84 Resp: 6854

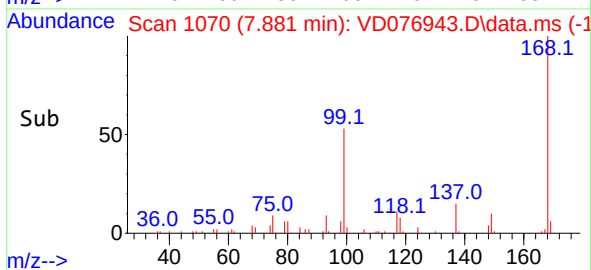
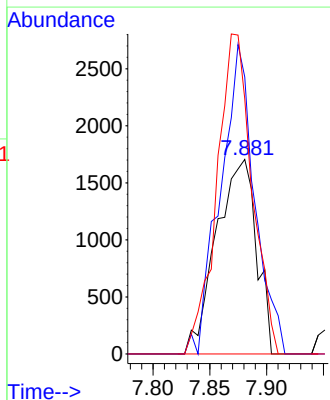
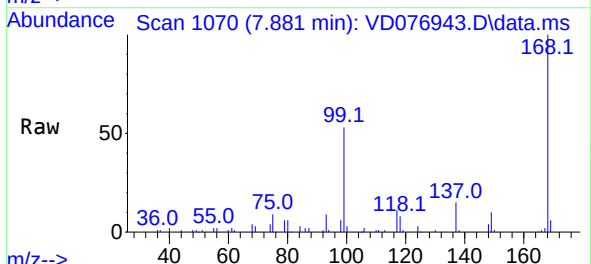
Ion	Ratio	Lower	Upper
84	100		
49	75.7	71.4	107.2
51	20.1	24.5	36.7#
86	51.6	48.7	73.1

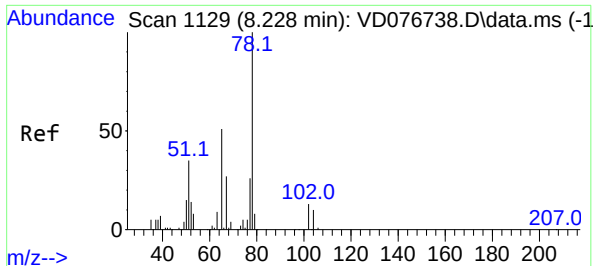


#31
Cyclohexane
Concen: 1.591 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD076943.D
Acq: 07 Aug 2023 20:53

Tgt Ion: 56 Resp: 4171

Ion	Ratio	Lower	Upper
56	100		
69	142.4	28.6	43.0#
84	131.1	84.8	127.2#





#33

1,2-Dichloroethane-d4

Concen: 58.193 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD076943.D

Acq: 07 Aug 2023 20:53

Instrument :

MSVOA_D

ClientSampleId :

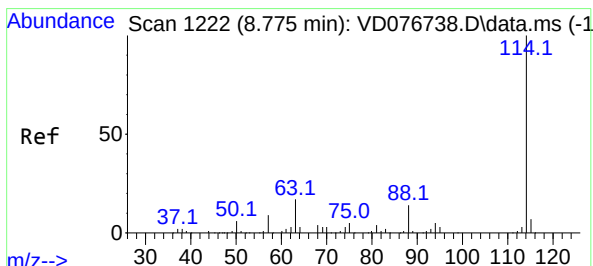
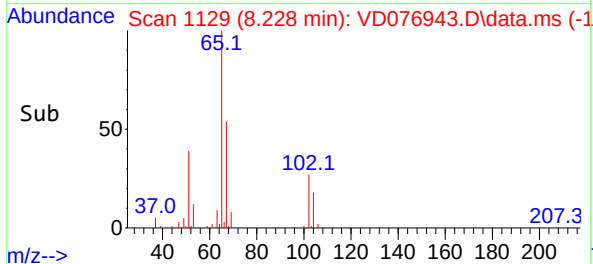
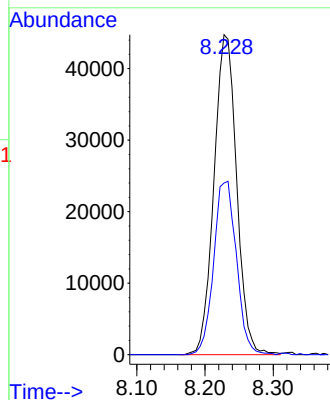
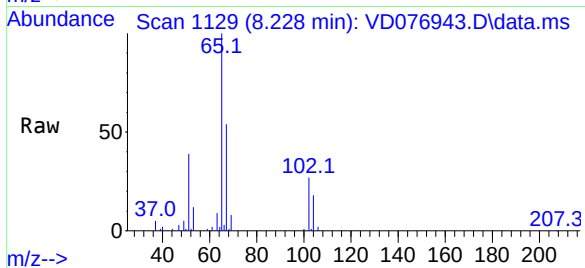
MW-06

Tgt Ion: 65 Resp: 103639

Ion Ratio Lower Upper

65 100

67 54.4 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD076943.D

Acq: 07 Aug 2023 20:53

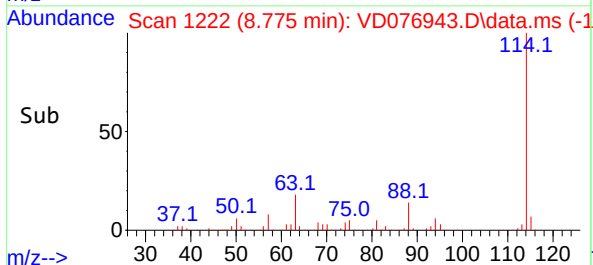
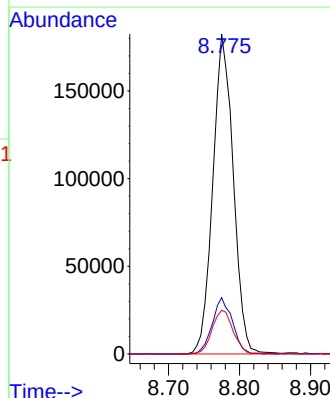
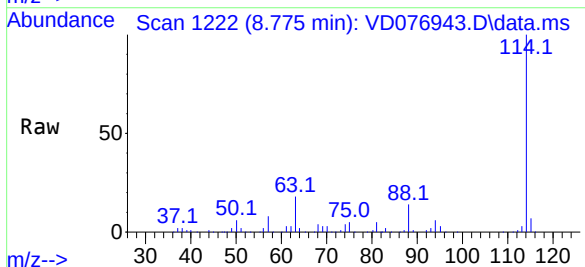
Tgt Ion: 114 Resp: 363520

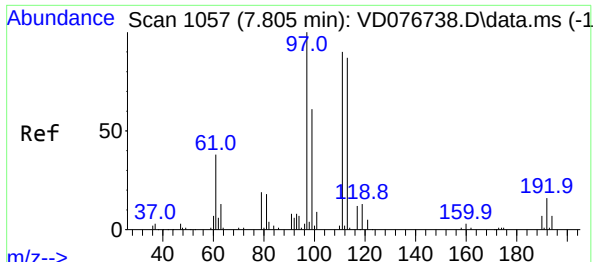
Ion Ratio Lower Upper

114 100

63 17.6 0.0 33.4

88 13.6 0.0 26.2

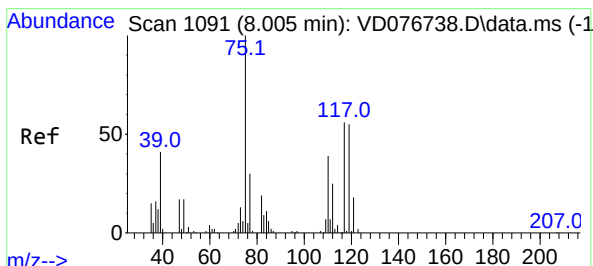
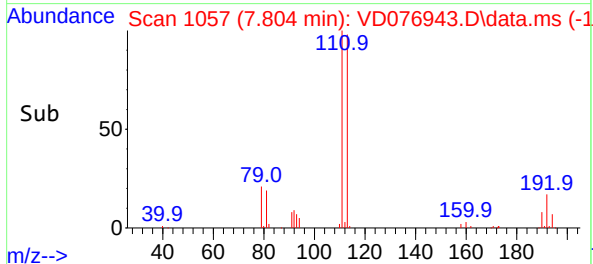
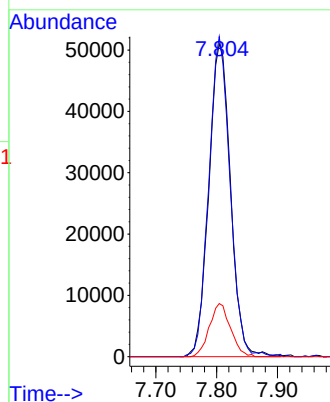
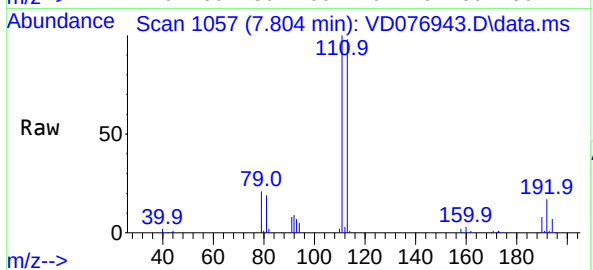




#35
Dibromofluoromethane
Concen: 55.347 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VD076943.D
Acq: 07 Aug 2023 20:53

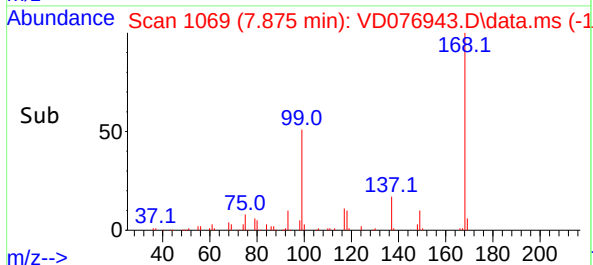
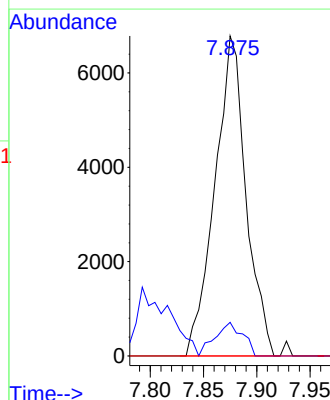
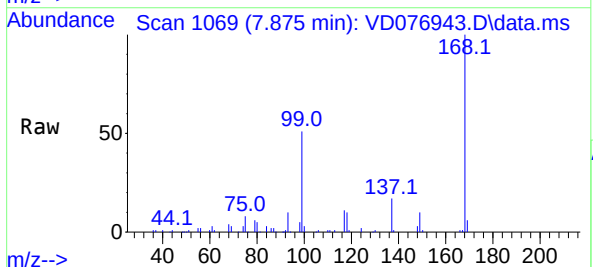
Instrument : MSVOA_D
ClientSampleId : MW-06

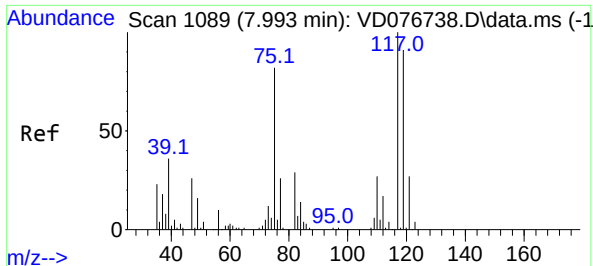
Tgt Ion:113 Resp: 126435
Ion Ratio Lower Upper
113 100
111 99.8 84.7 127.1
192 16.5 16.8 25.2#



#36
1,1-Dichloropropene
Concen: 4.630 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.130 min
Lab File: VD076943.D
Acq: 07 Aug 2023 20:53

Tgt Ion: 75 Resp: 13821
Ion Ratio Lower Upper
75 100
110 9.3 19.9 59.6#
77 0.0 24.7 37.1#

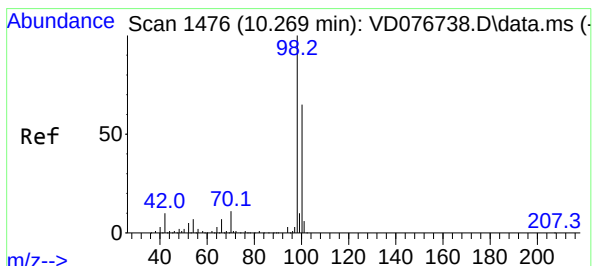
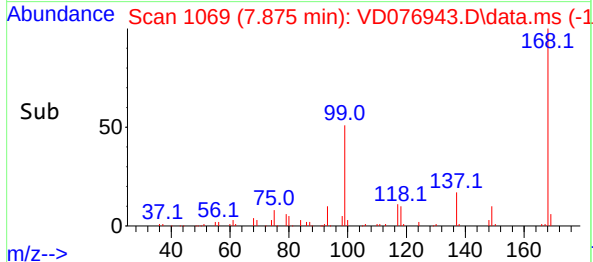
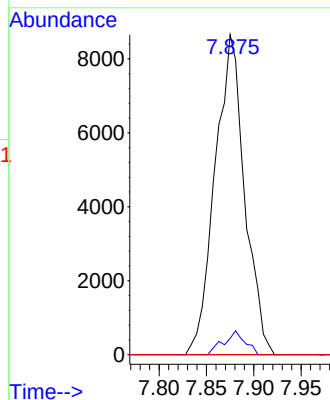
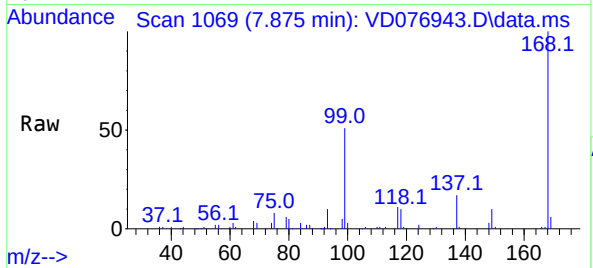




#38
Carbon Tetrachloride
Concen: 6.591 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD076943.D
Acq: 07 Aug 2023 20:53

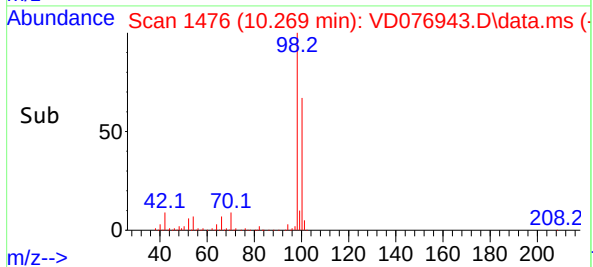
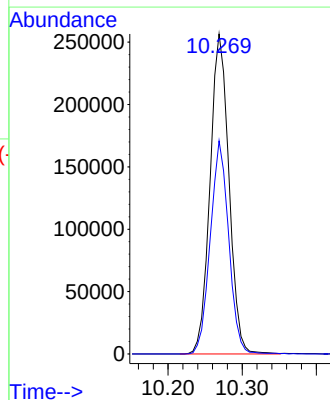
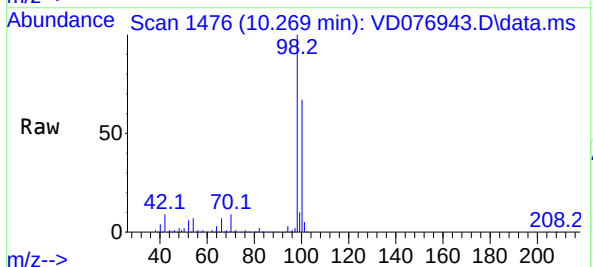
Instrument : MSVOA_D
ClientSampleId : MW-06

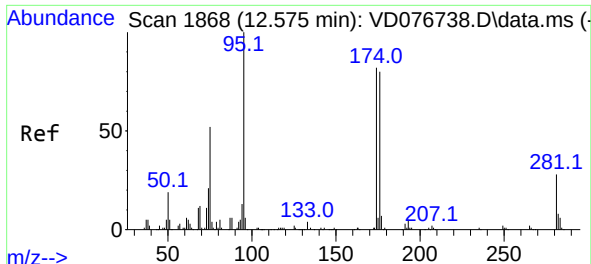
Tgt Ion:117 Resp: 18838
Ion Ratio Lower Upper
117 100
119 5.1 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 55.553 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076943.D
Acq: 07 Aug 2023 20:53

Tgt Ion: 98 Resp: 453987
Ion Ratio Lower Upper
98 100
100 65.0 50.3 75.5

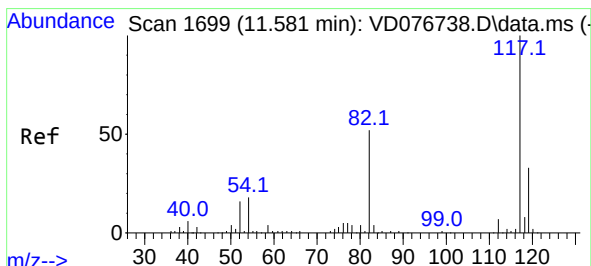
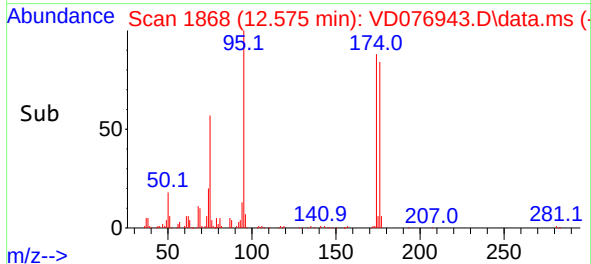
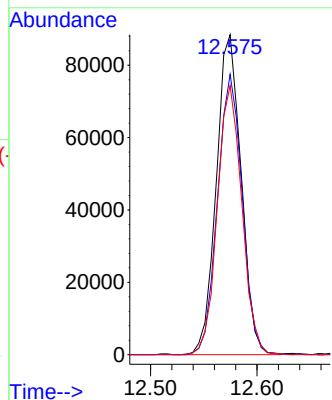
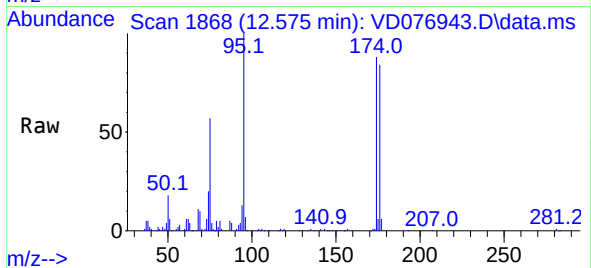




#62
4-Bromofluorobenzene
Concen: 54.104 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076943.D
Acq: 07 Aug 2023 20:53

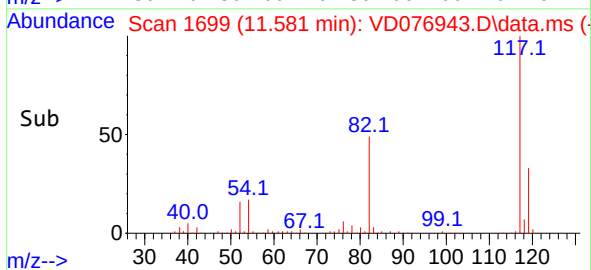
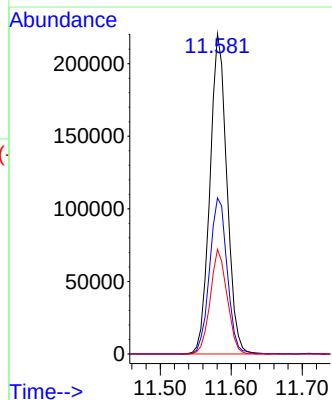
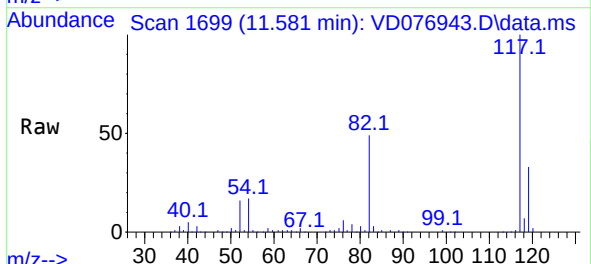
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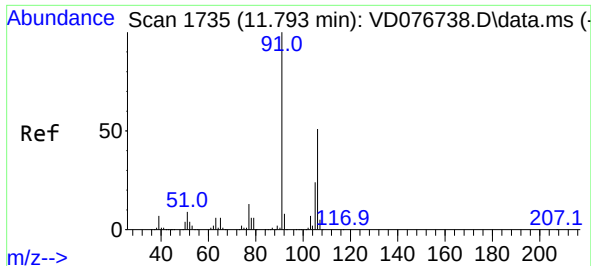
Tgt Ion: 95 Resp: 143035
Ion Ratio Lower Upper
95 100
174 87.1 0.0 201.8
176 83.0 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076943.D
Acq: 07 Aug 2023 20:53

Tgt Ion: 117 Resp: 365753
Ion Ratio Lower Upper
117 100
82 48.7 38.3 57.5
119 32.7 25.0 37.4

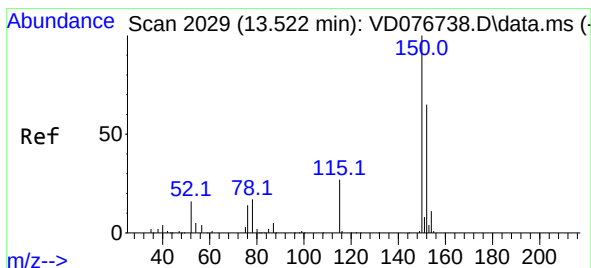
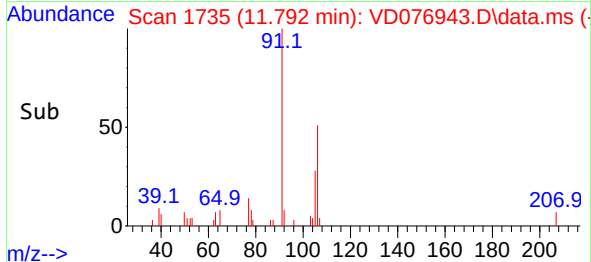
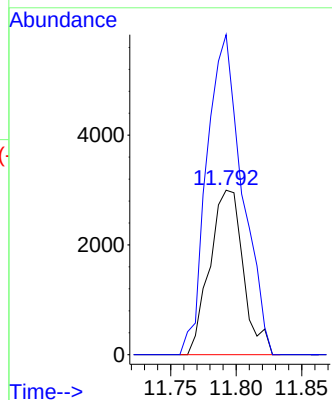
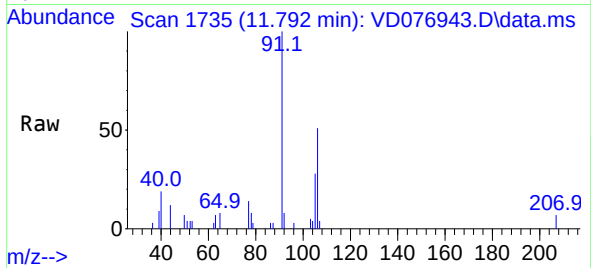




#68
m/p-Xylenes
Concen: 1.075 ug/l
RT: 11.792 min Scan# 11
Delta R.T. -0.001 min
Lab File: VD076943.D
Acq: 07 Aug 2023 20:53

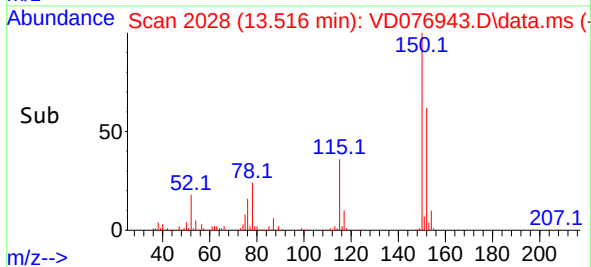
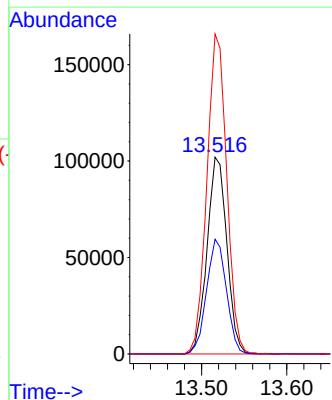
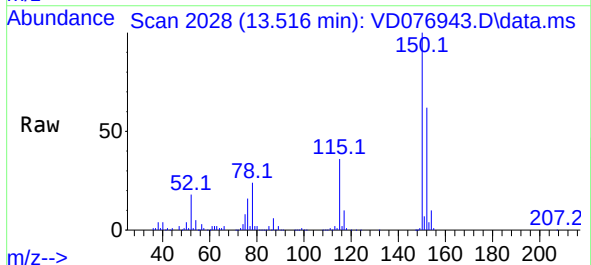
Instrument :
MSVOA_D
ClientSampleId :
MW-06

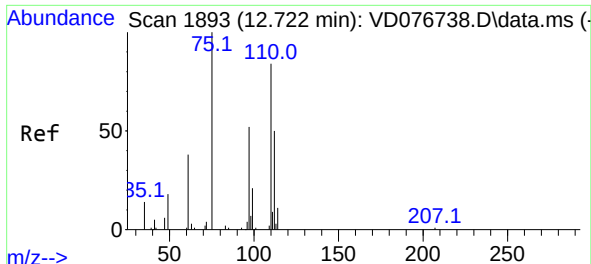
Tgt Ion:106 Resp: 5333
Ion Ratio Lower Upper
106 100
91 206.5 147.0 220.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076943.D
Acq: 07 Aug 2023 20:53

Tgt Ion:152 Resp: 164960
Ion Ratio Lower Upper
152 100
115 58.2 27.1 81.3
150 162.6 0.0 353.6

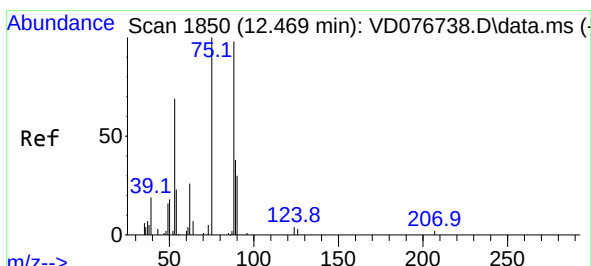
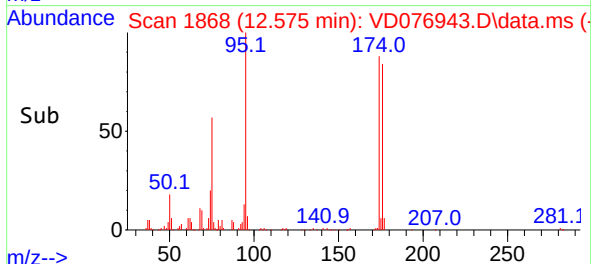
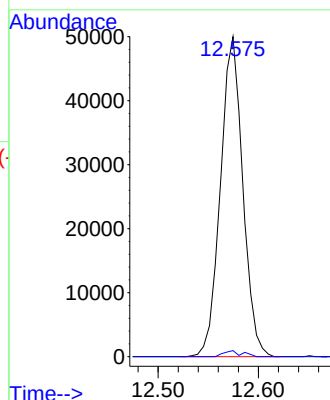
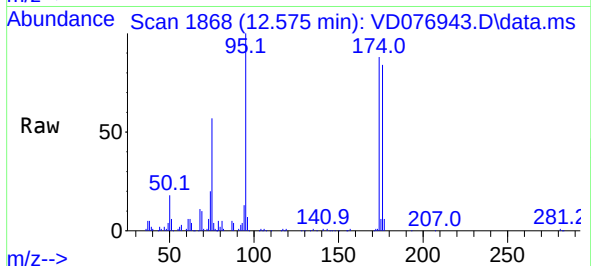




#76
1,2,3-Trichloropropane
Concen: 49.263 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD076943.D
Acq: 07 Aug 2023 20:53

Instrument :
MSVOA_D
ClientSampleId :
MW-06

Tgt Ion: 75 Resp: 77282
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 104.845 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD076943.D
Acq: 07 Aug 2023 20:53

Tgt Ion: 75 Resp: 77282
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#

