

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041823\
 Data File : VD075721.D
 Acq On : 18 Apr 2023 12:26
 Operator : KP/SY
 Sample : 02362-03
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HW-STONE-2-0414

Quant Time: Apr 19 01:22:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 14:16:29 2023
 Response via : Initial Calibration

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

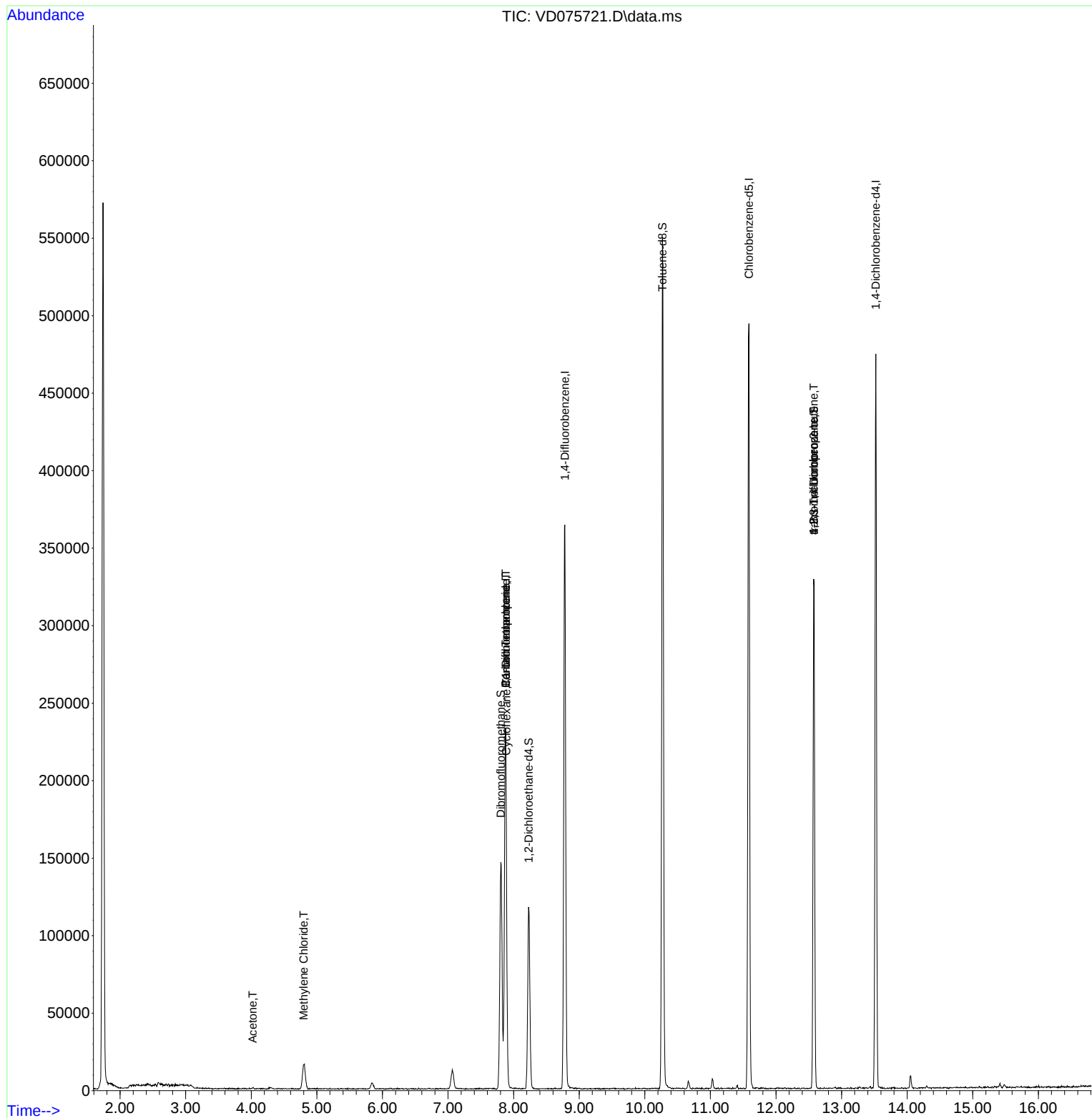
Internal Standards						
1) Pentafluorobenzene	7.881	168	195410	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	356201	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	325090	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	137010	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	90570	48.830	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.660%		
35) Dibromofluoromethane	7.805	113	114045	47.602	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.200%		
50) Toluene-d8	10.269	98	413999	43.151	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	86.300%		
62) 4-Bromofluorobenzene	12.575	95	103186	40.463	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	80.920%		
Target Compounds						
					Qvalue	
16) Acetone	4.022	43	1014	2.984	ug/l #	82
20) Methylene Chloride	4.799	84	15470	1.402	ug/l #	63
31) Cyclohexane	7.887	56	3458	1.188	ug/l #	6
36) 1,1-Dichloropropene	7.881	75	13978	4.229	ug/l #	49
38) Carbon Tetrachloride	7.881	117	17984	6.179	ug/l #	17
76) 1,2,3-Trichloropropane	12.575	75	51016	45.660	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	51016	98.963	ug/l #	5

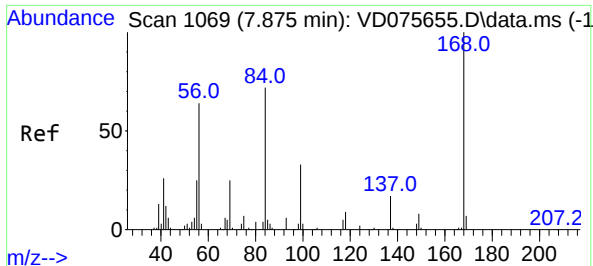
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
HW-STONE-2-0414

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 13 14:16:29 2023
Response via : Initial Calibration

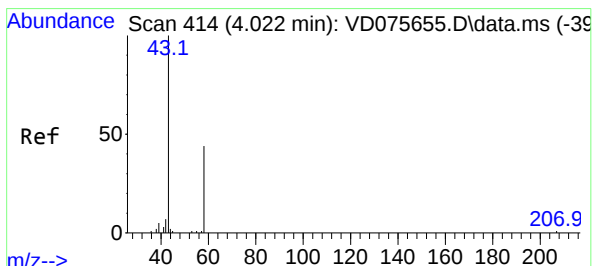
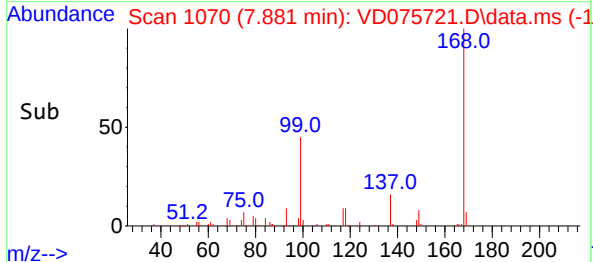
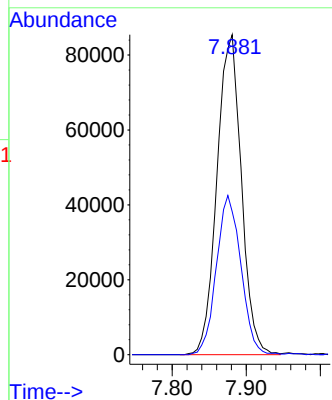
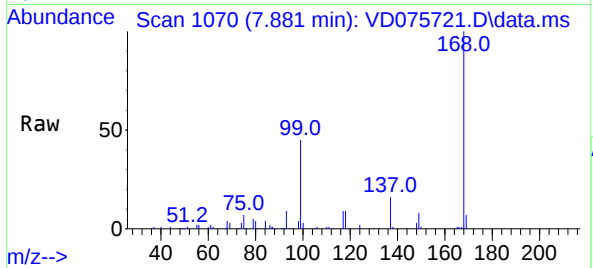




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD075721.D
Acq: 18 Apr 2023 12:26

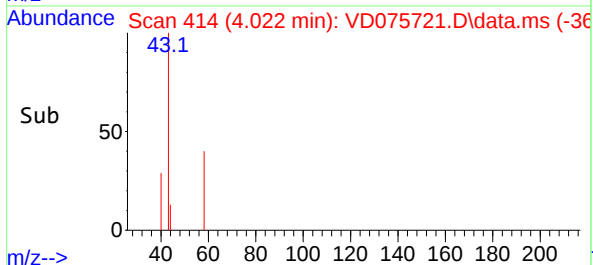
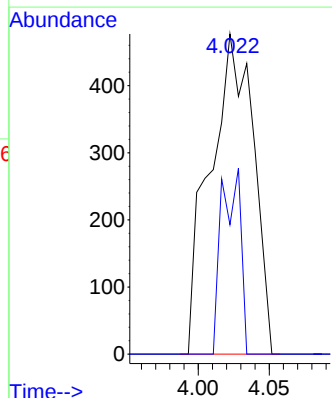
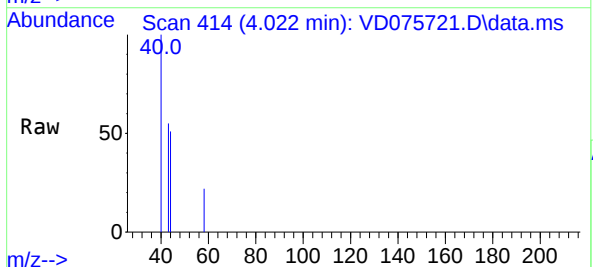
Instrument :
MSVOA_D
ClientSampleId :
HW-STONE-2-0414

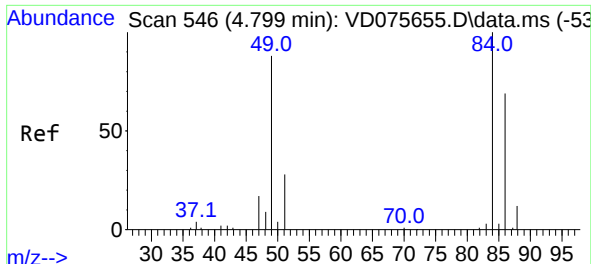
Tgt Ion:168 Resp: 195410
Ion Ratio Lower Upper
168 100
99 44.7 43.8 65.6



#16
Acetone
Concen: 2.984 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD075721.D
Acq: 18 Apr 2023 12:26

Tgt Ion: 43 Resp: 1014
Ion Ratio Lower Upper
43 100
58 40.5 24.4 36.6#

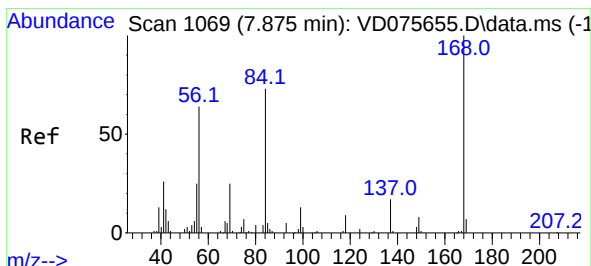
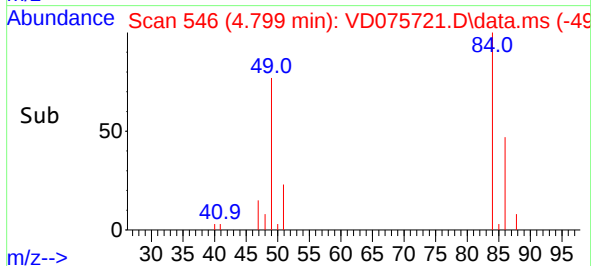
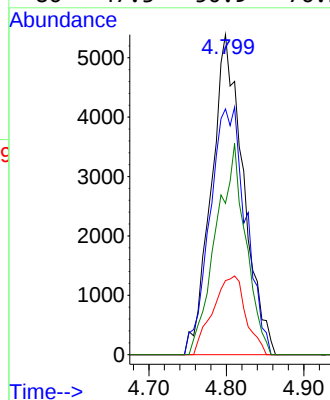
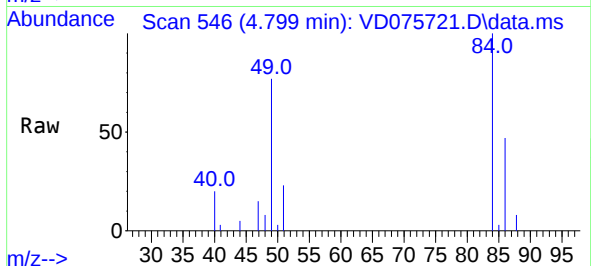




#20
Methylene Chloride
Concen: 1.402 ug/l
RT: 4.799 min Scan# 54
Delta R.T. -0.000 min
Lab File: VD075721.D
Acq: 18 Apr 2023 12:26

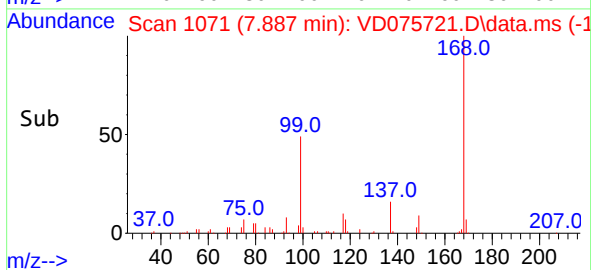
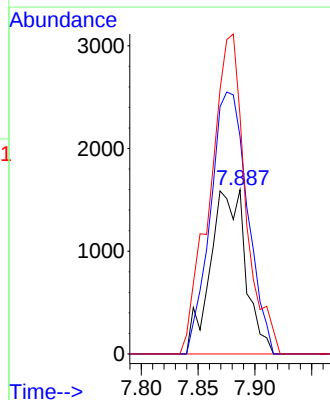
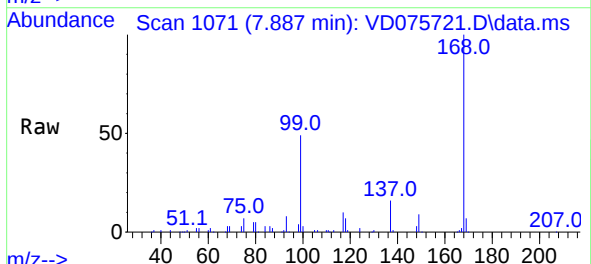
Instrument :
MSVOA_D
ClientSampleId :
HW-STONE-2-0414

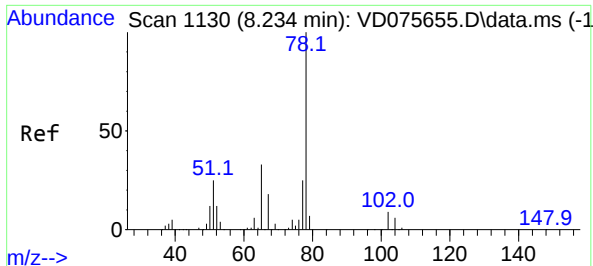
Tgt Ion:	84	Resp:	15470
Ion	Ratio	Lower	Upper
84	100		
49	76.8	106.4	159.6#
51	23.2	32.4	48.6#
86	47.3	50.9	76.3#



#31
Cyclohexane
Concen: 1.188 ug/l
RT: 7.887 min Scan# 1071
Delta R.T. 0.012 min
Lab File: VD075721.D
Acq: 18 Apr 2023 12:26

Tgt Ion:	56	Resp:	3458
Ion	Ratio	Lower	Upper
56	100		
69	132.4	25.5	38.3#
84	144.9	69.6	104.4#

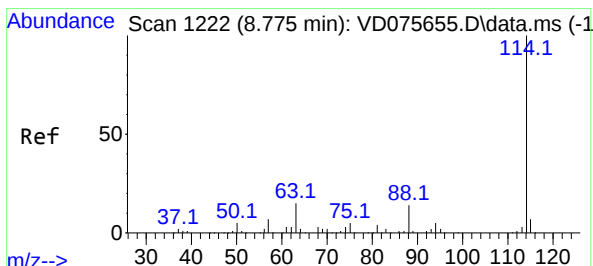
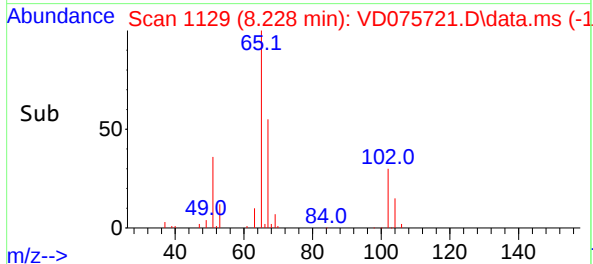
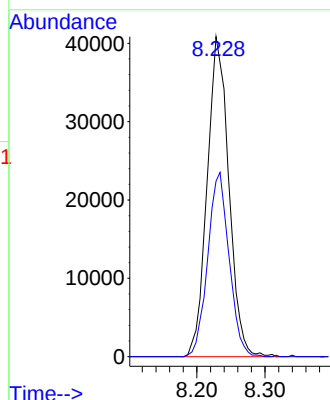
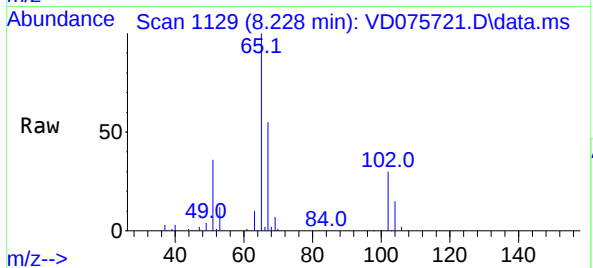




#33
1,2-Dichloroethane-d4
Concen: 48.830 ug/l
RT: 8.228 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VD075721.D
Acq: 18 Apr 2023 12:26

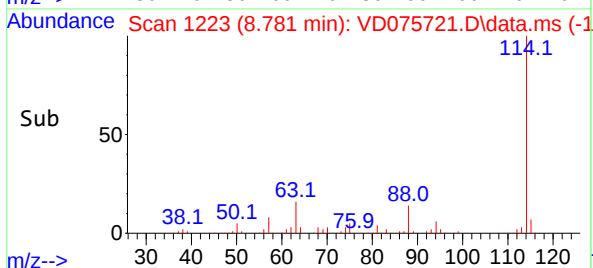
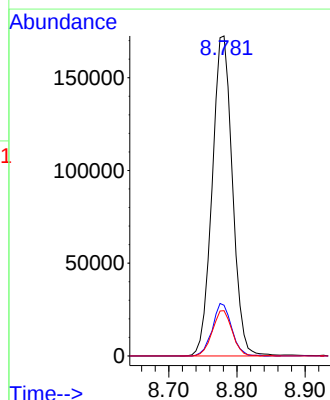
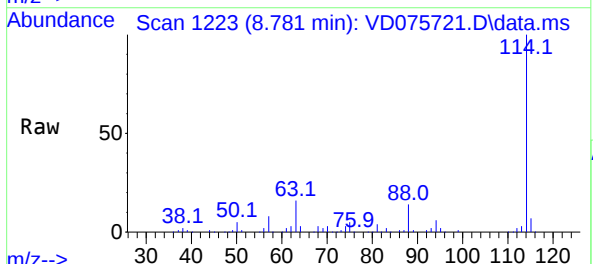
Instrument :
MSVOA_D
ClientSampleId :
HW-STONE-2-0414

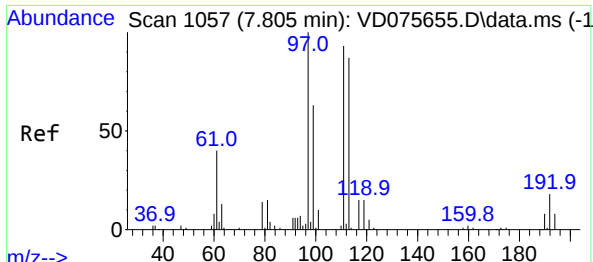
Tgt Ion: 65 Resp: 90570
Ion Ratio Lower Upper
65 100
67 56.6 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1223
Delta R.T. 0.006 min
Lab File: VD075721.D
Acq: 18 Apr 2023 12:26

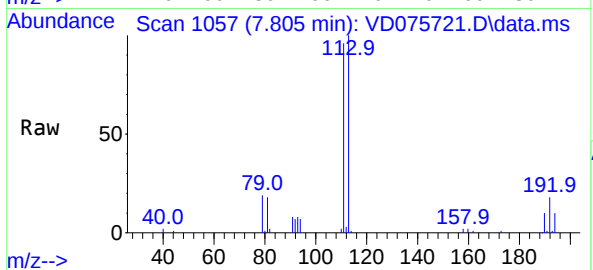
Tgt Ion: 114 Resp: 356201
Ion Ratio Lower Upper
114 100
63 15.8 0.0 41.6
88 14.2 0.0 30.6



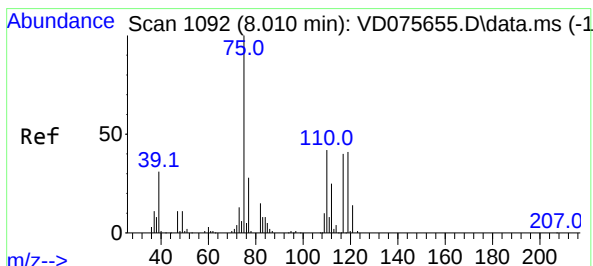
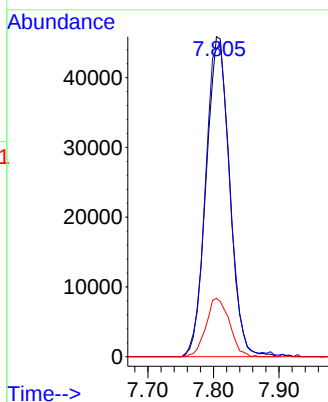
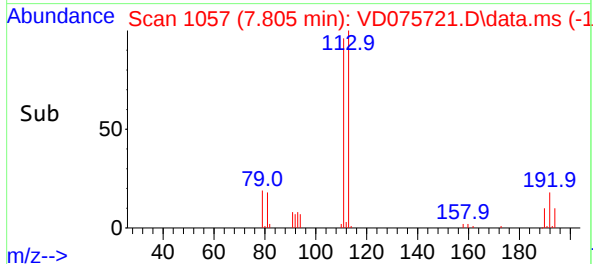


#35
Dibromofluoromethane
Concen: 47.602 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD075721.D
Acq: 18 Apr 2023 12:26

Instrument :
MSVOA_D
ClientSampleId :
HW-STONE-2-0414

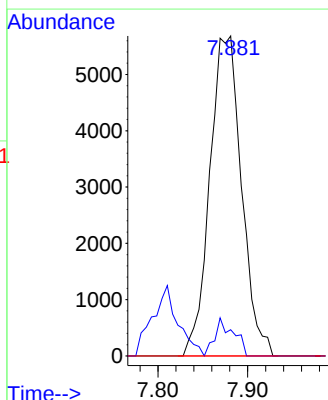
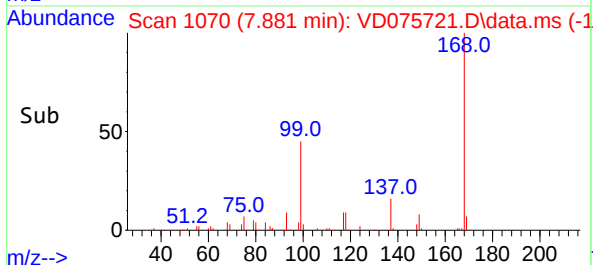
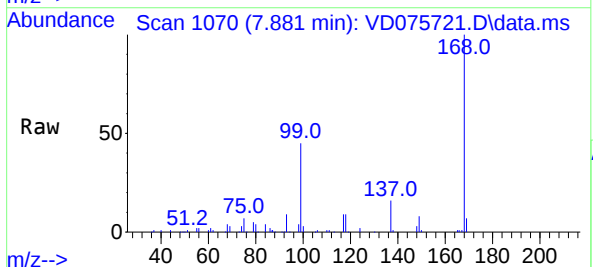


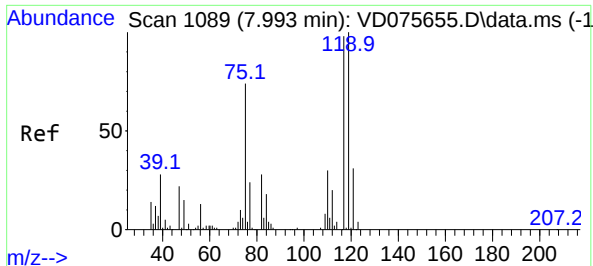
Tgt Ion: 113 Resp: 114045
Ion Ratio Lower Upper
113 100
111 100.5 81.4 122.0
192 18.2 15.2 22.8



#36
1,1-Dichloropropene
Concen: 4.229 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.129 min
Lab File: VD075721.D
Acq: 18 Apr 2023 12:26

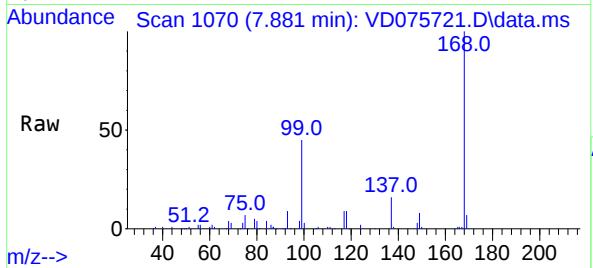
Tgt Ion: 75 Resp: 13978
Ion Ratio Lower Upper
75 100
110 7.0 17.1 51.2#
77 0.0 24.6 36.8#



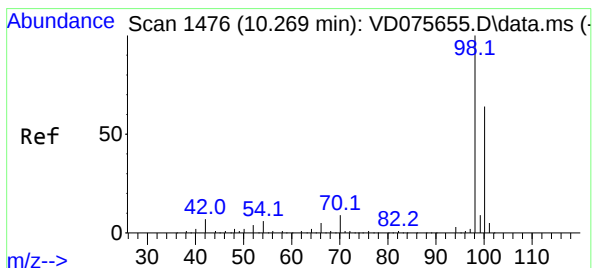
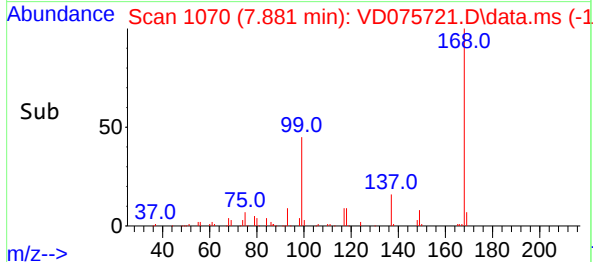
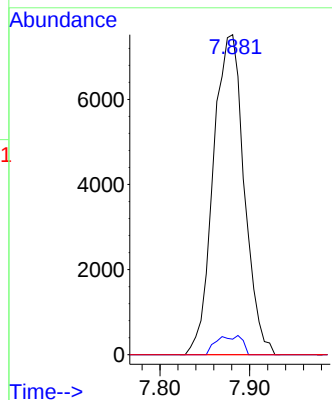


#38
Carbon Tetrachloride
Concen: 6.179 ug/l
RT: 7.881 min Scan# 1089
Delta R.T. -0.112 min
Lab File: VD075721.D
Acq: 18 Apr 2023 12:26

Instrument :
MSVOA_D
ClientSampleId :
HW-STONE-2-0414

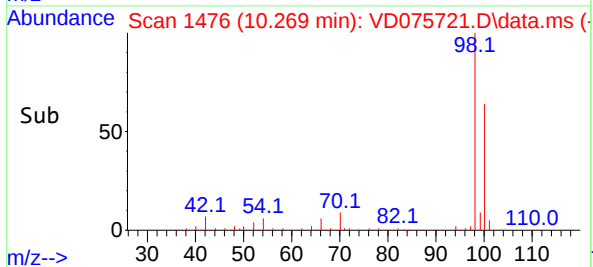
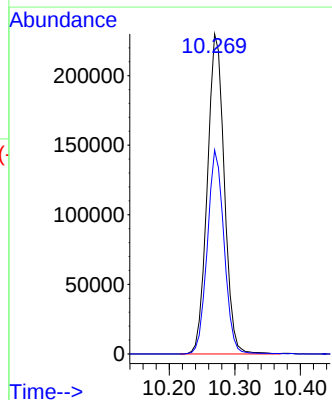
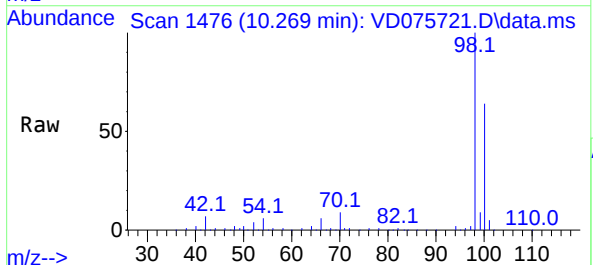


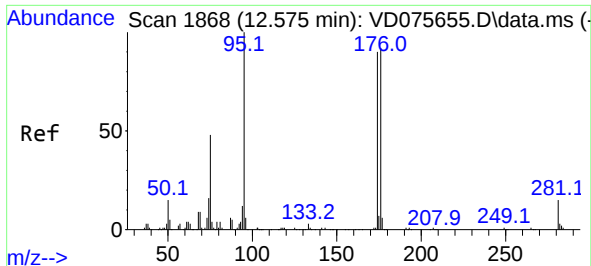
Tgt Ion:117 Resp: 17984
Ion Ratio Lower Upper
117 100
119 4.9 74.7 112.1#
121 0.0 25.9 38.9#



#50
Toluene-d8
Concen: 43.151 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075721.D
Acq: 18 Apr 2023 12:26

Tgt Ion: 98 Resp: 413999
Ion Ratio Lower Upper
98 100
100 62.9 52.1 78.1

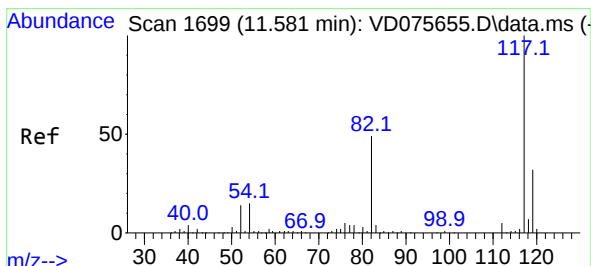
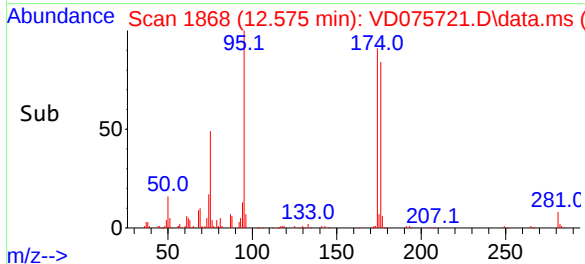
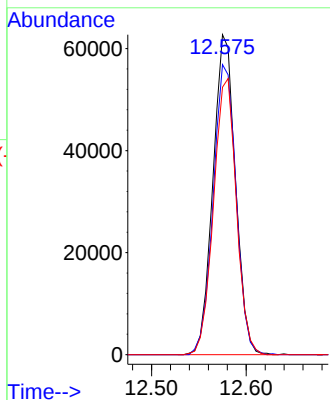
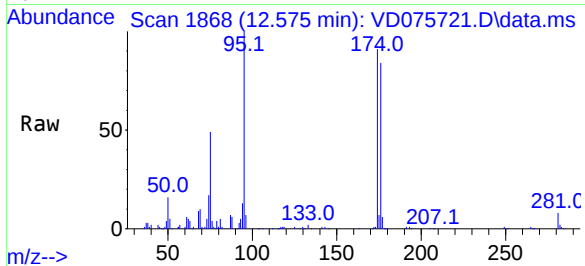




#62
4-Bromofluorobenzene
Concen: 40.463 ug/l
RT: 12.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075721.D
Acq: 18 Apr 2023 12:26

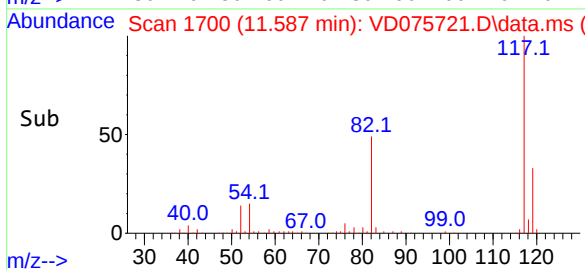
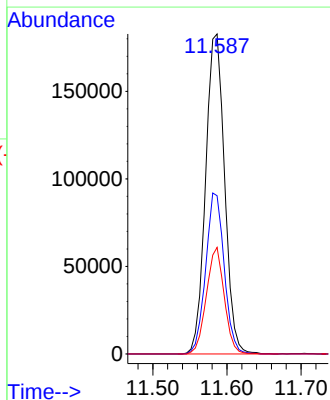
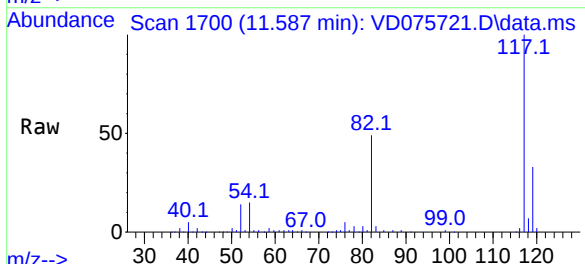
Instrument :
MSVOA_D
ClientSampleId :
HW-STONE-2-0414

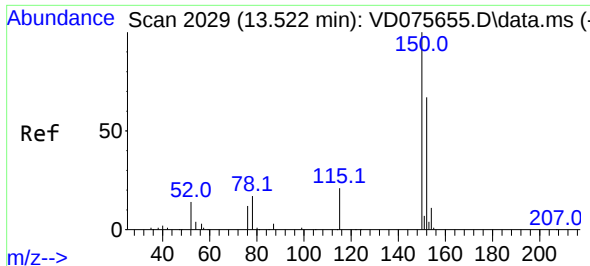
Tgt Ion: 95 Resp: 103186
Ion Ratio Lower Upper
95 100
174 92.6 0.0 164.0
176 87.8 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 1700
Delta R.T. 0.006 min
Lab File: VD075721.D
Acq: 18 Apr 2023 12:26

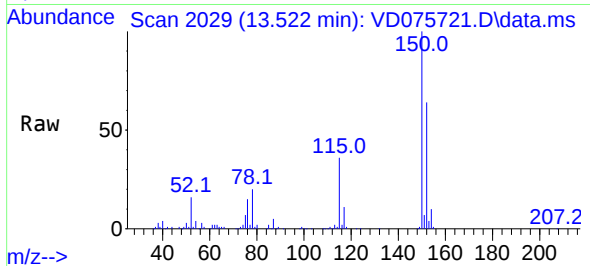
Tgt Ion: 117 Resp: 325090
Ion Ratio Lower Upper
117 100
82 49.5 44.0 66.0
119 33.3 25.1 37.7



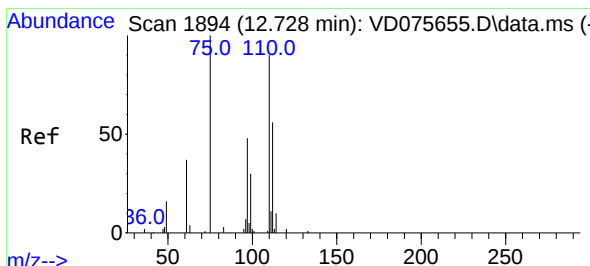
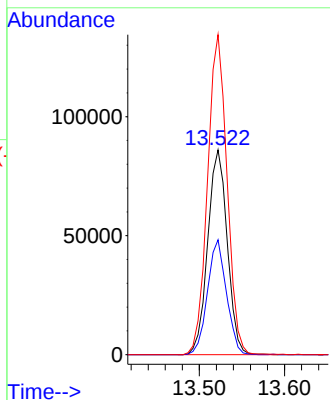
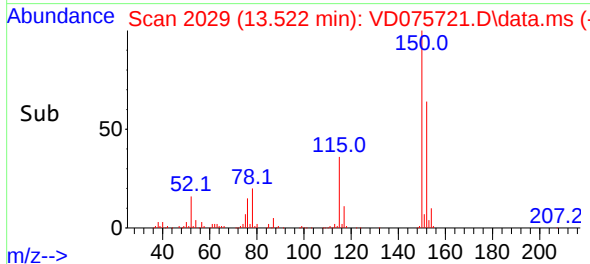


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075721.D
Acq: 18 Apr 2023 12:26

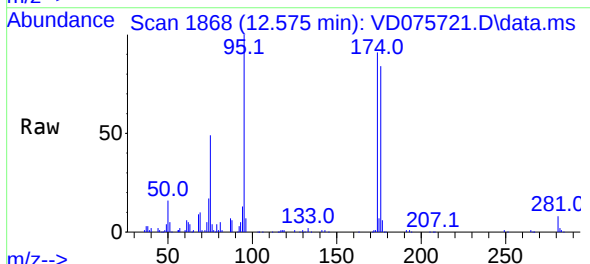
Instrument :
MSVOA_D
ClientSampleId :
HW-STONE-2-0414



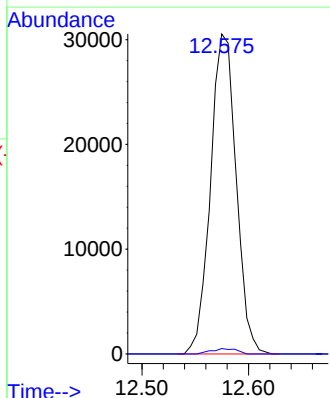
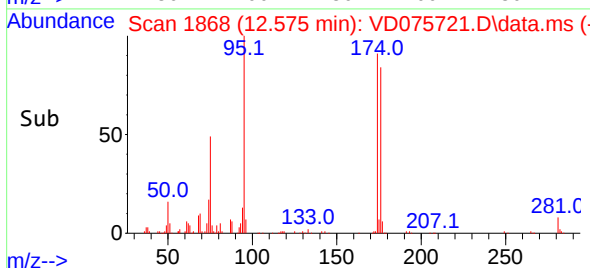
Tgt Ion:152 Resp: 137010
Ion Ratio Lower Upper
152 100
115 54.4 30.1 90.3
150 156.1 0.0 364.8

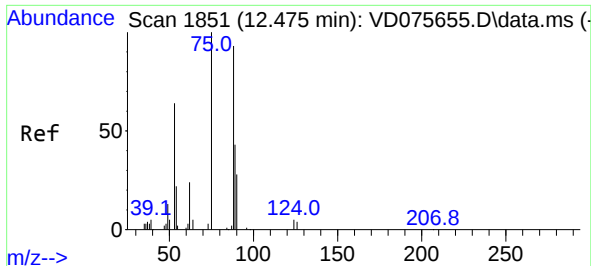


#76
1,2,3-Trichloropropane
Concen: 45.660 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075721.D
Acq: 18 Apr 2023 12:26



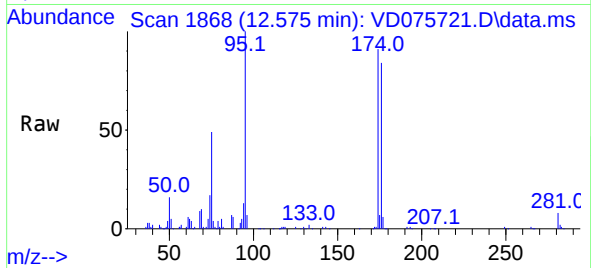
Tgt Ion: 75 Resp: 51016
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 98.963 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD075721.D
 Acq: 18 Apr 2023 12:26

Instrument :
 MSVOA_D
 ClientSampleId :
 HW-STONE-2-0414



Tgt Ion: 75 Resp: 51016
 Ion Ratio Lower Upper
 75 100
 53 0.1 90.5 135.7#
 89 0.0 40.2 60.4#

