

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042523\
 Data File : VD075818.D
 Acq On : 25 Apr 2023 18:24
 Operator : KP/SY
 Sample : 02419-10
 Misc : 4.09G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 26 02:43:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Apr 26 02:39:47 2023
 Response via : Initial Calibration

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

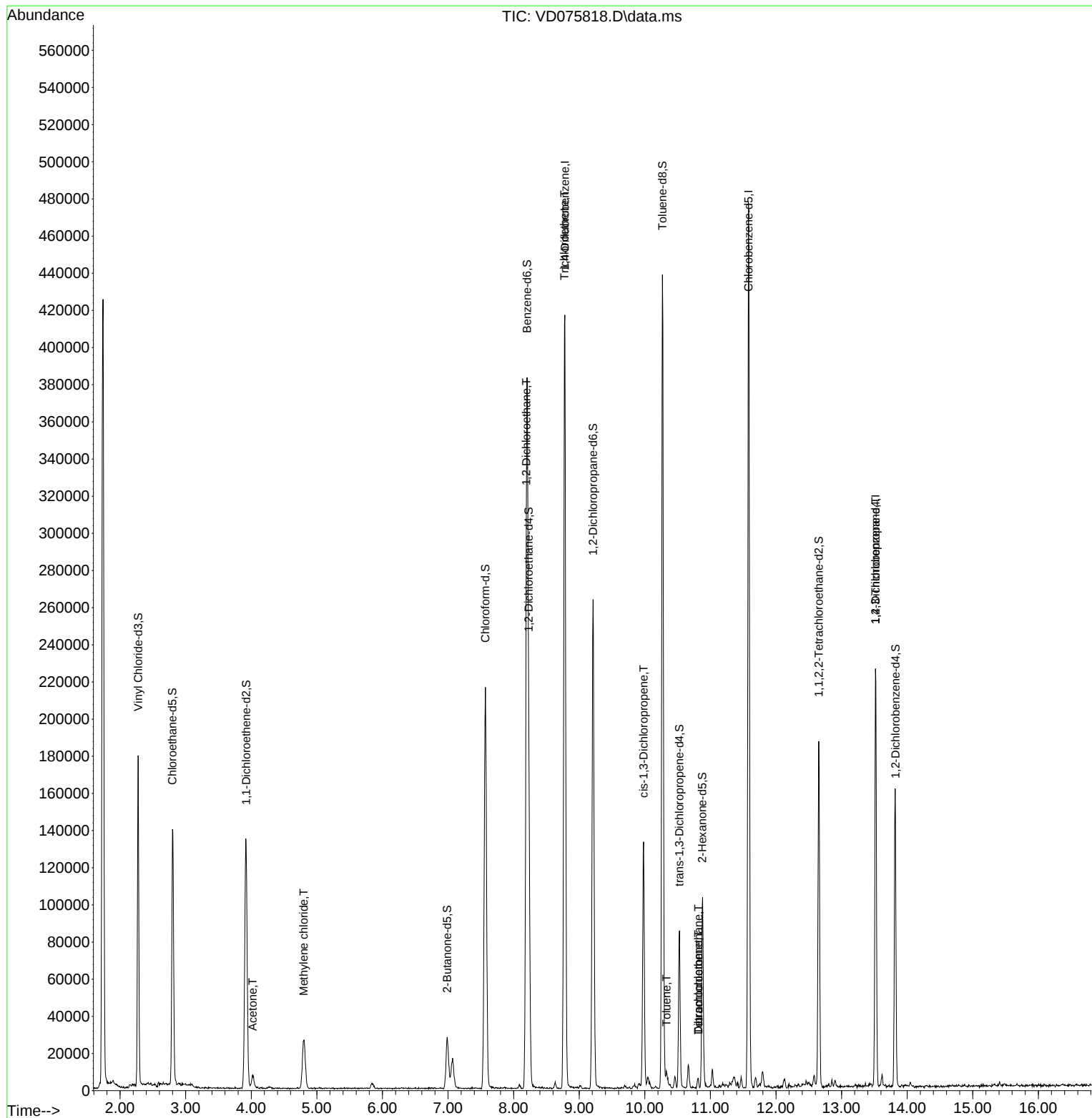
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	412996	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	305609	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	67143	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.276	65	163175	18.010	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	72.040%		
7) Chloroethane-d5	2.799	69	155044	19.806	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	79.240%		
11) 1,1-Dichloroethene-d2	3.923	65	36141	17.302	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	69.200%		
21) 2-Butanone-d5	6.987	46	45897	58.354	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	116.700%		
24) Chloroform-d	7.569	84	235304	22.784	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	91.120%		
26) 1,2-Dichloroethane-d4	8.228	65	106957	24.251	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	97.000%		
32) Benzene-d6	8.205	84	440513	24.731	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	98.920%		
36) 1,2-Dichloropropane-d6	9.210	67	140381	28.473	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	113.880%		
41) Toluene-d8	10.269	98	331180	19.860	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	79.440%		
43) trans-1,3-Dichloroprop...	10.528	79	50116	24.592	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	98.360%		
47) 2-Hexanone-d5	10.875	63	37525	63.212	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	126.420%		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	99134	26.277	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	105.120%		
66) 1,2-Dichlorobenzene-d4	13.822	152	47861	20.153	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	80.600%		
Target Compounds					Qvalue	
13) Acetone	4.023	43	11187	16.620	ug/L	73
16) Methylene chloride	4.799	84	25879	3.089	ug/L	93
27) 1,2-Dichloroethane	8.193	62	1865	0.361	ug/L #	68
34) Trichloroethene	8.775	95	10338	2.163	ug/L #	2
39) cis-1,3-Dichloropropene	9.981	75	3281	0.486	ug/L	83
42) Toluene	10.328	91	6224	0.311	ug/L	84
46) Tetrachloroethene	10.816	164	1346	0.343	ug/L #	66
49) Dibromochloromethane	10.816	129	1338	0.340	ug/L #	10
61) 1,2,3-Trichloropropane	13.516	75	8085	7.665	ug/L #	39

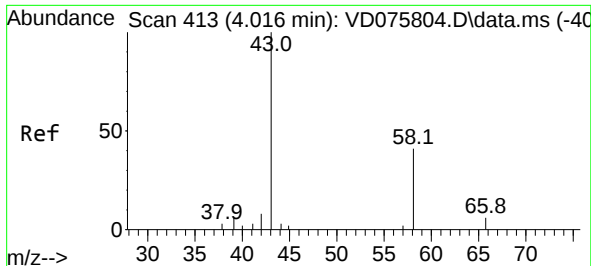
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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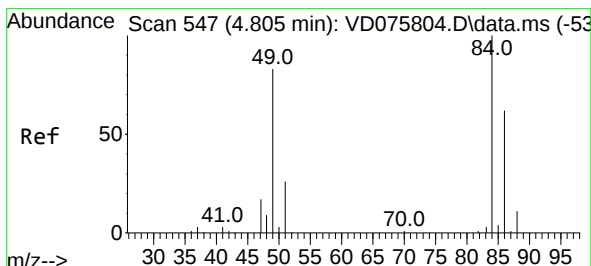
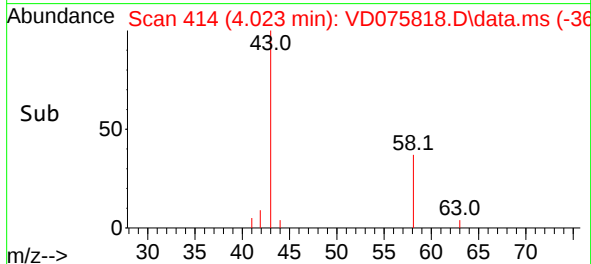
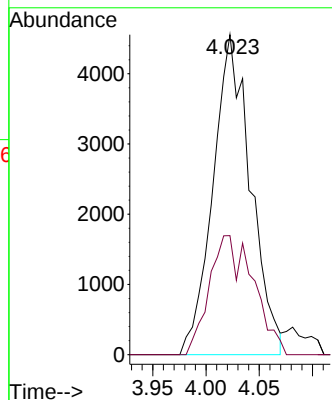
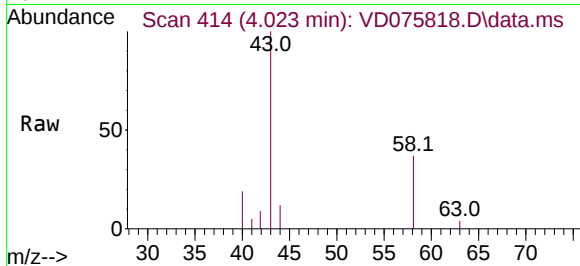




#13
Acetone
Concen: 16.620 ug/L
RT: 4.023 min Scan# 413
Delta R.T. 0.006 min
Lab File: VD075818.D
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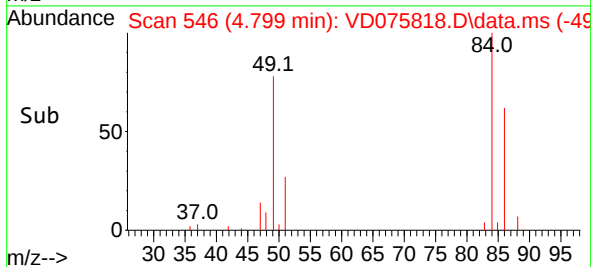
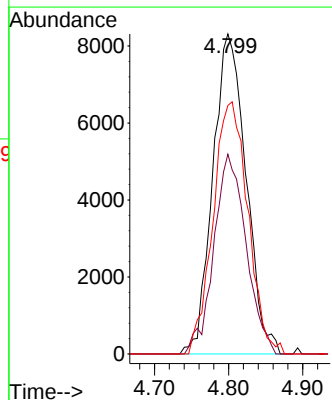
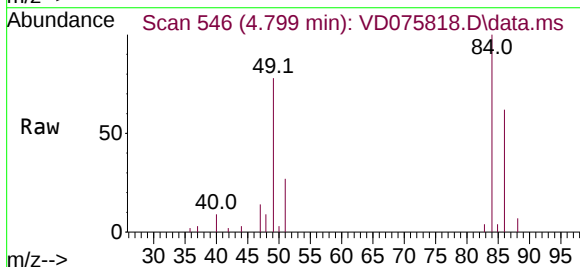
Instrument :
MSVOA_D
ClientSampleId :

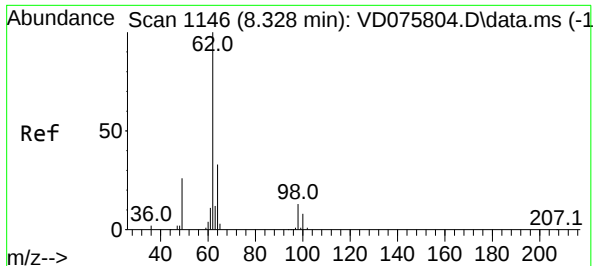
Tgt Ion: 43 Resp: 11187
Ion Ratio Lower Upper
43 100
58 26.1 0.0 87.4



#16
Methylene chloride
Concen: 3.089 ug/L
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD075818.D
Acq: 25 Apr 2023 18:24

Tgt Ion: 84 Resp: 25879
Ion Ratio Lower Upper
84 100
86 62.4 45.8 85.2
49 77.7 60.8 112.8

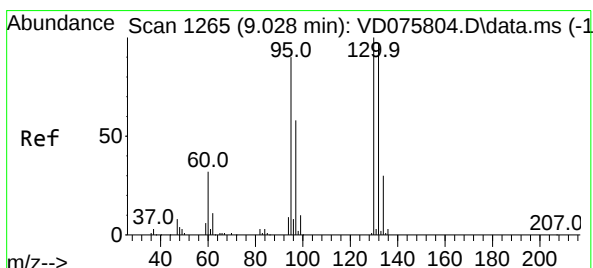
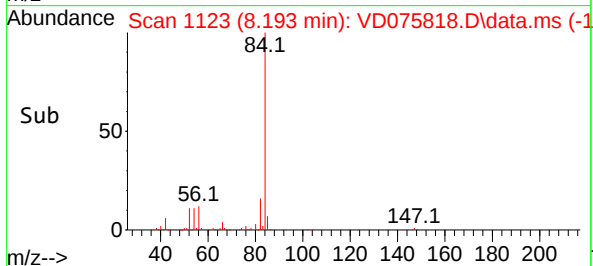
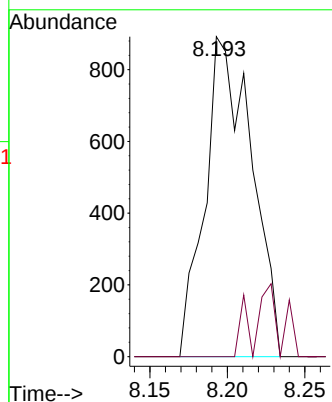
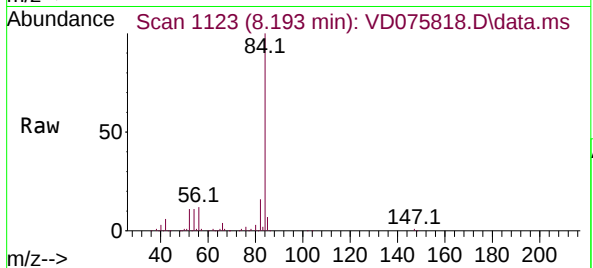




#27
1,2-Dichloroethane
Concen: 0.361 ug/L
RT: 8.193 min Scan# 1146
Delta R.T. -0.135 min
Lab File: VD075818.D
Acq: 25 Apr 2023 18:24

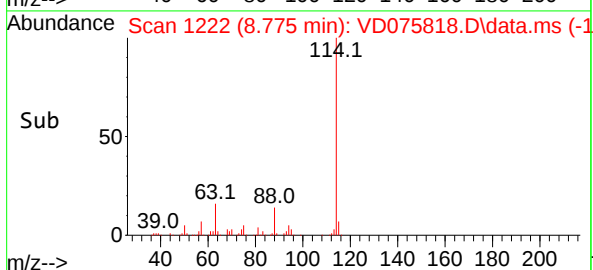
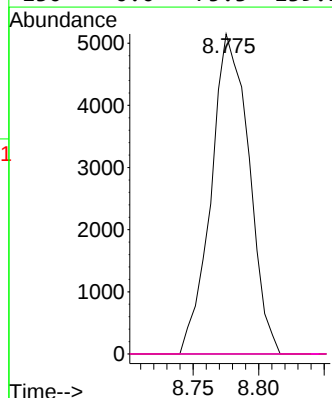
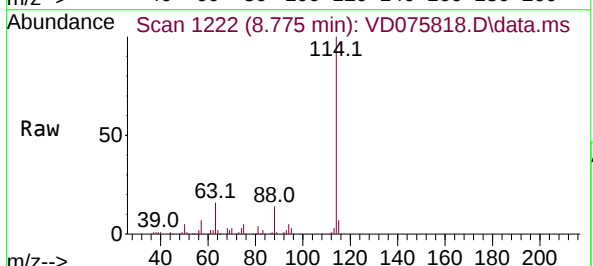
Instrument :
MSVOA_D
ClientSampleId :

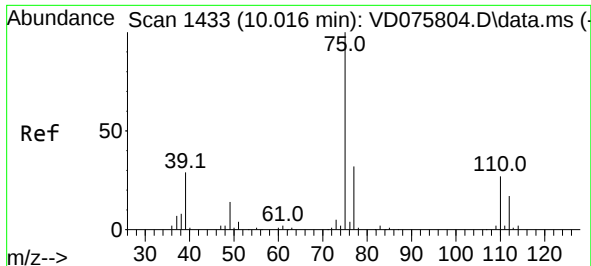
Tgt Ion: 62 Resp: 1865
Ion Ratio Lower Upper
62 100
98 0.0 10.2 15.2#



#34
Trichloroethene
Concen: 2.163 ug/L
RT: 8.775 min Scan# 1222
Delta R.T. -0.253 min
Lab File: VD075818.D
Acq: 25 Apr 2023 18:24

Tgt Ion: 95 Resp: 10338
Ion Ratio Lower Upper
95 100
97 0.0 46.0 85.4#
132 0.0 73.3 136.1#
130 0.0 75.3 139.9#

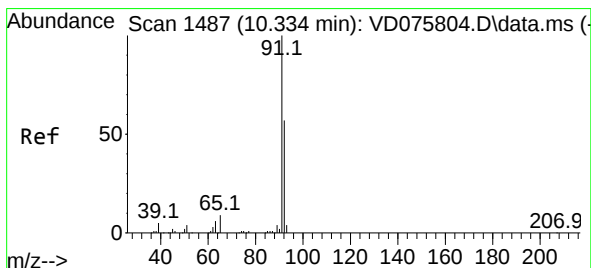
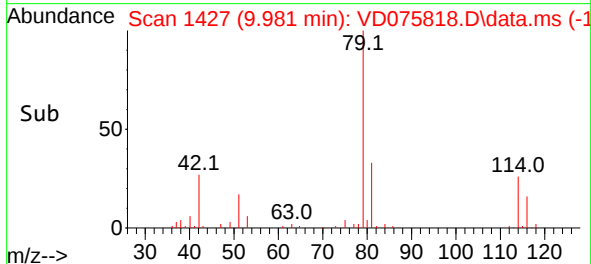
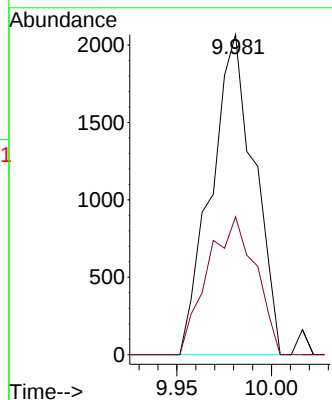
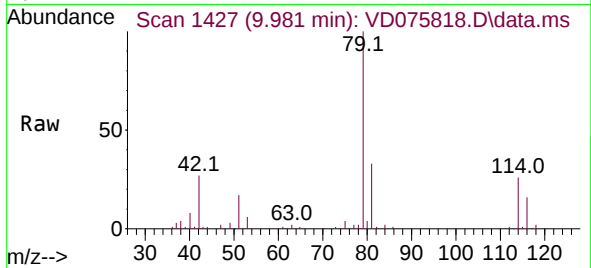




#39
 cis-1,3-Dichloropropene
 Concen: 0.486 ug/L
 RT: 9.981 min Scan# 1433
 Delta R.T. -0.035 min
 Lab File: VD075818.D
 Acq: 25 Apr 2023 18:24

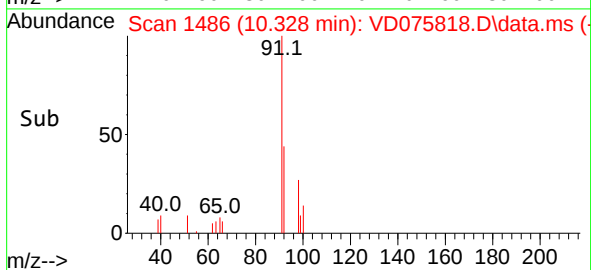
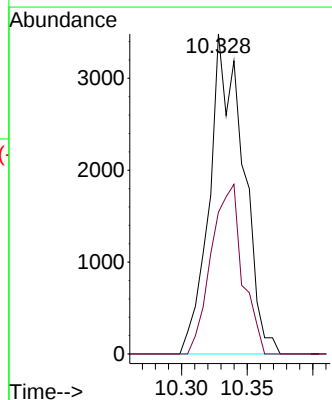
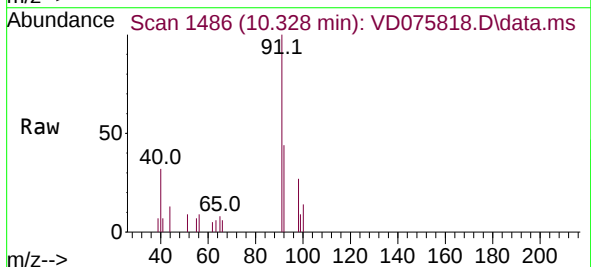
Instrument :
 MSVOA_D
 ClientSampleId :

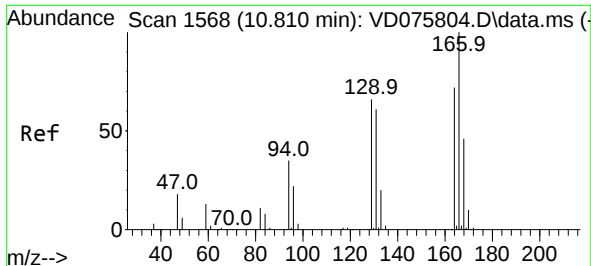
Tgt Ion: 75 Resp: 3281
 Ion Ratio Lower Upper
 75 100
 77 43.1 23.4 43.6



#42
 Toluene
 Concen: 0.311 ug/L
 RT: 10.328 min Scan# 1486
 Delta R.T. -0.006 min
 Lab File: VD075818.D
 Acq: 25 Apr 2023 18:24

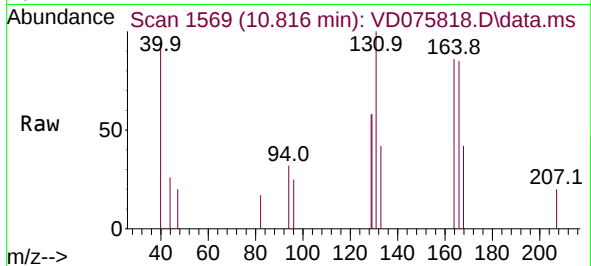
Tgt Ion: 91 Resp: 6224
 Ion Ratio Lower Upper
 91 100
 92 44.3 39.3 72.9



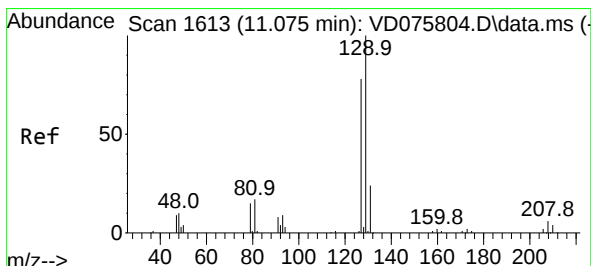
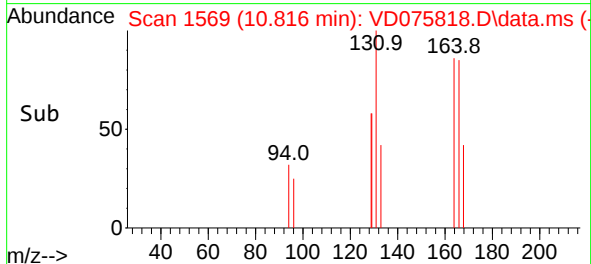
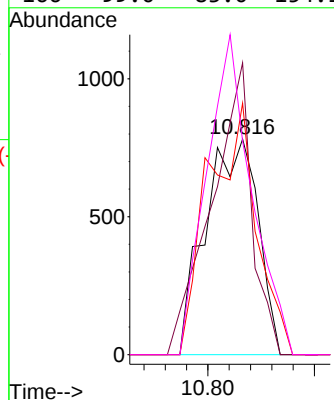


#46
Tetrachloroethene
Concen: 0.343 ug/L
RT: 10.816 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VD075818.D
Acq: 25 Apr 2023 18:24

Instrument :
MSVOA_D
ClientSampleId :

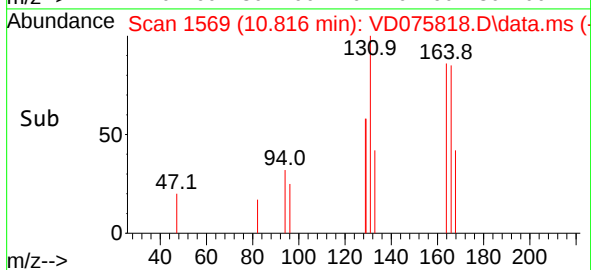
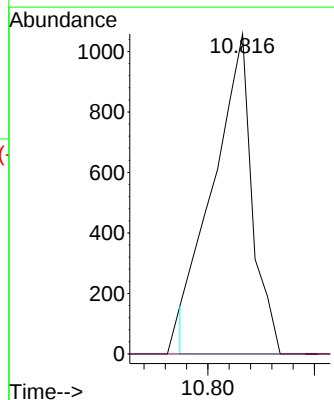
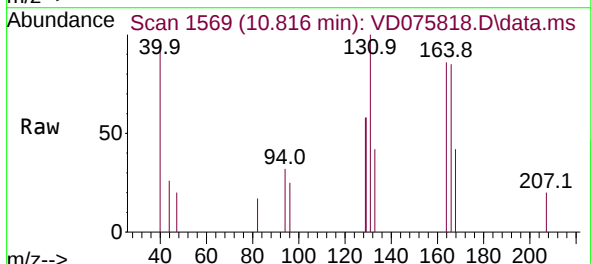


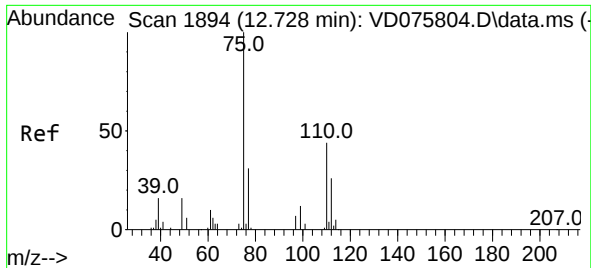
Tgt Ion:164 Resp: 1346
Ion Ratio Lower Upper
164 100
129 135.3 60.3 112.1#
131 116.6 58.9 109.3#
166 99.0 83.0 154.1



#49
Dibromochloromethane
Concen: 0.340 ug/L
RT: 10.816 min Scan# 1569
Delta R.T. -0.259 min
Lab File: VD075818.D
Acq: 25 Apr 2023 18:24

Tgt Ion:129 Resp: 1338
Ion Ratio Lower Upper
129 100
127 0.0 55.6 103.4#





#61

1,2,3-Trichloropropane

Concen: 7.665 ug/L

RT: 13.516 min Scan# 20

Delta R.T. 0.788 min

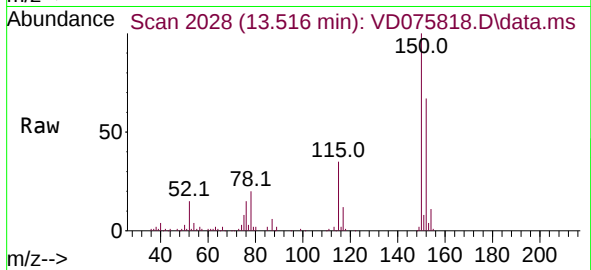
Lab File: VD075818.D

Acq: 25 Apr 2023 18:24

Instrument :

MSVOA_D

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Tgt Ion: 75 Resp: 8085

Ion Ratio Lower Upper

75 100

77 0.8 26.6 39.8#

110 0.9 33.5 50.3#

