

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111323\
 Data File : VD077548.D
 Acq On : 13 Nov 2023 14:48
 Operator : JC/SY
 Sample : 05296-20
 Misc : 5.26G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 16 00:42:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Nov 10 02:07:44 2023
 Response via : Initial Calibration

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

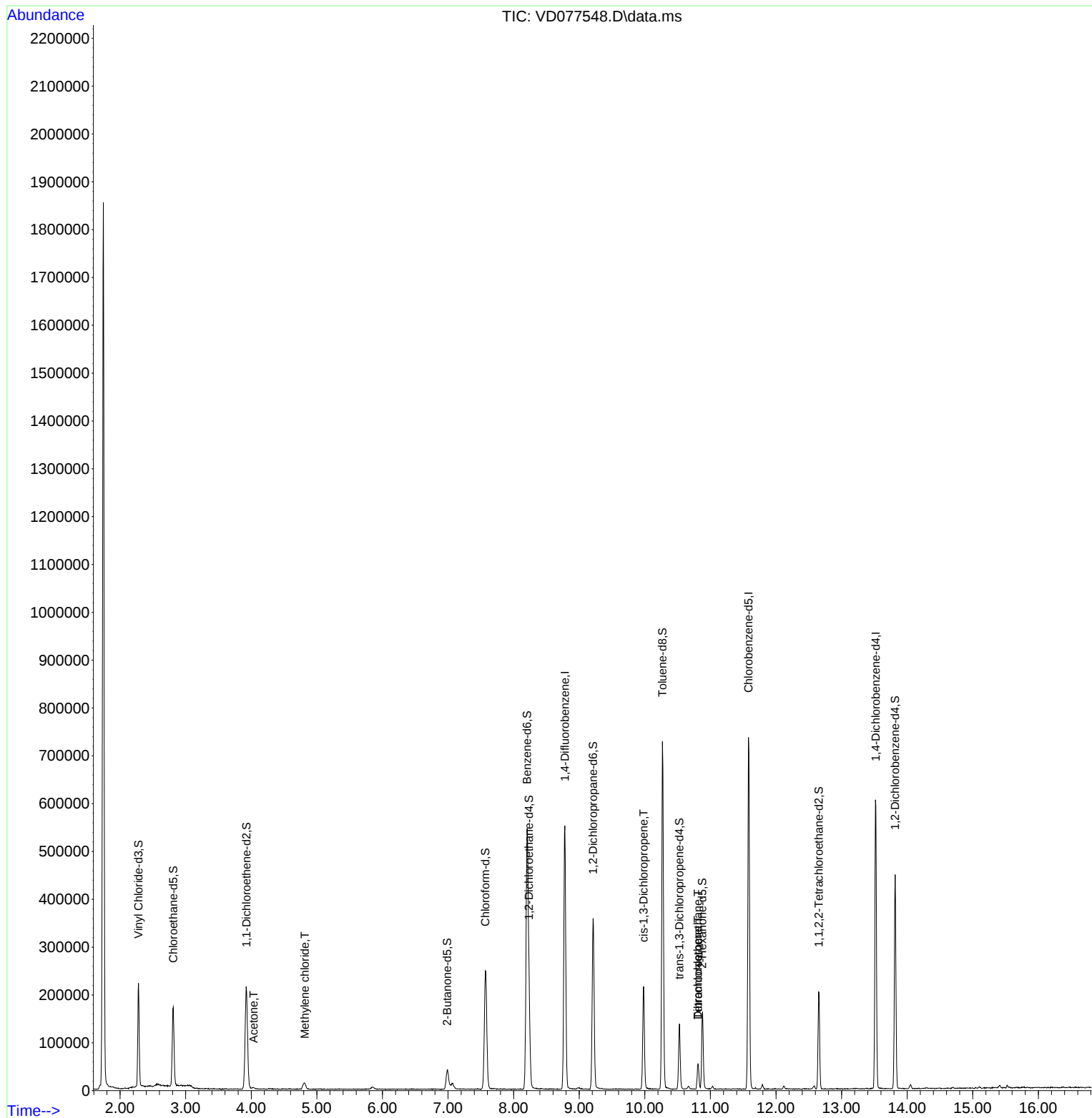
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	454115	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	394923	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	153257	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	203714	17.634	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	70.520%		
7) Chloroethane-d5	2.811	69	171259	18.871	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	75.480%		
11) 1,1-Dichloroethene-d2	3.928	65	65898	18.448	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	73.800%		
21) 2-Butanone-d5	6.987	46	73784	36.891	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	73.780%		
24) Chloroform-d	7.569	84	259246	19.762	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	79.040%		
26) 1,2-Dichloroethane-d4	8.234	65	143989	20.635	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	82.560%		
32) Benzene-d6	8.205	84	549608	21.442	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	85.760%		
36) 1,2-Dichloropropane-d6	9.210	67	177565	21.268	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	85.080%		
41) Toluene-d8	10.269	98	476316	20.565	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	82.240%		
43) trans-1,3-Dichloroprop...	10.528	79	72786	20.219	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	80.880%		
47) 2-Hexanone-d5	10.875	63	56753	37.999	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	76.000%		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	102513	18.532	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	74.120%		
66) 1,2-Dichlorobenzene-d4	13.816	152	108259	19.856	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	79.440%		
Target Compounds					Qvalue	
13) Acetone	4.034	43	4257	2.025	ug/L	76
16) Methylene chloride	4.817	84	8787	1.146	ug/L	89
39) cis-1,3-Dichloropropene	9.981	75	5345	0.457	ug/L	93
46) Tetrachloroethene	10.810	164	11605	2.324	ug/L	83
49) Dibromochloromethane	10.810	129	10859	2.054	ug/L #	10

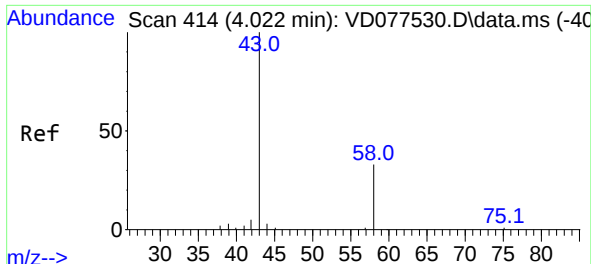
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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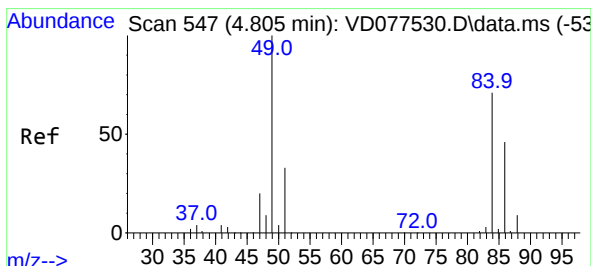
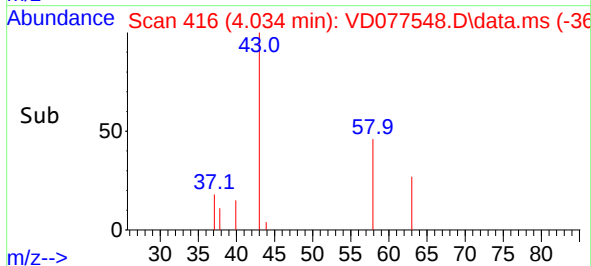
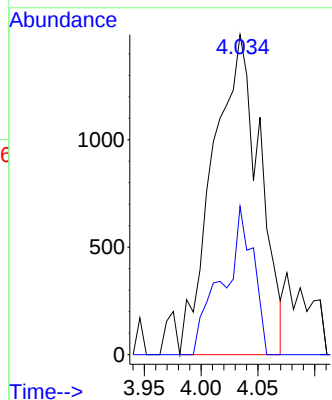
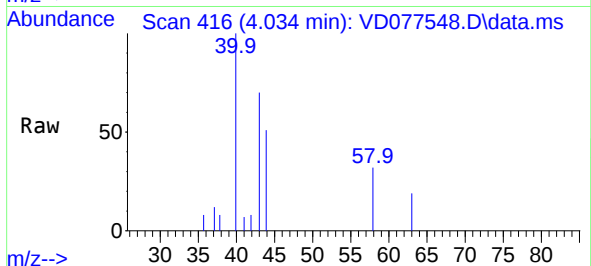




#13
Acetone
Concen: 2.025 ug/L
RT: 4.034 min Scan# 414
Delta R.T. 0.012 min
Lab File: VD077548.D
Acq: 13 Nov 2023 14:48

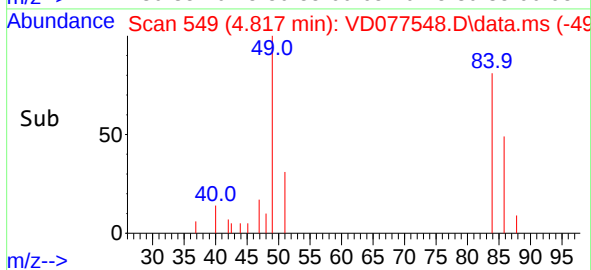
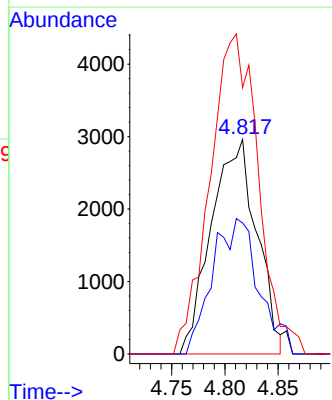
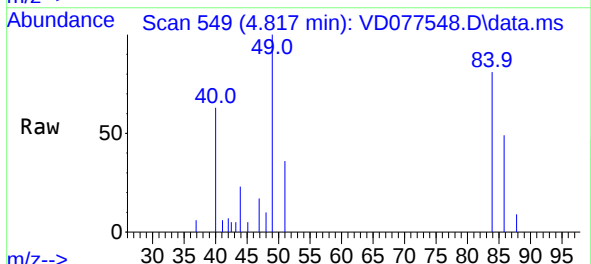
Instrument :
MSVOA_D
ClientSampleId :

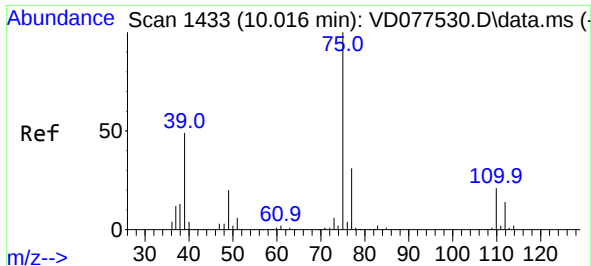
Tgt Ion: 43 Resp: 4257
Ion Ratio Lower Upper
43 100
58 18.8 0.0 64.0



#16
Methylene chloride
Concen: 1.146 ug/L
RT: 4.817 min Scan# 549
Delta R.T. 0.012 min
Lab File: VD077548.D
Acq: 13 Nov 2023 14:48

Tgt Ion: 84 Resp: 8787
Ion Ratio Lower Upper
84 100
86 61.1 46.5 86.5
49 124.1 98.3 182.7

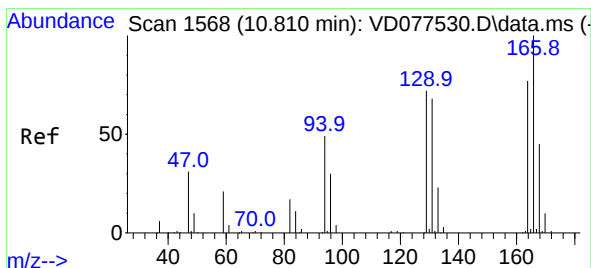
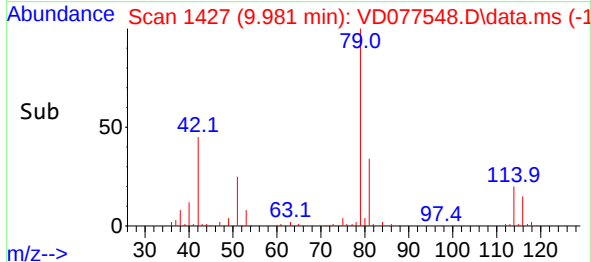
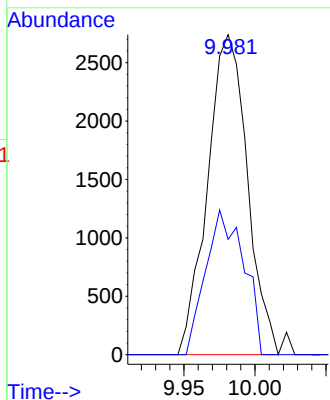
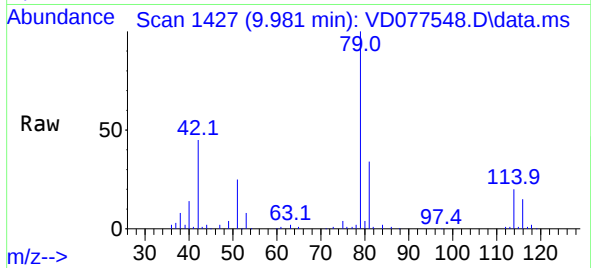




#39
cis-1,3-Dichloropropene
Concen: 0.457 ug/L
RT: 9.981 min Scan# 1433
Delta R.T. -0.035 min
Lab File: VD077548.D
Acq: 13 Nov 2023 14:48

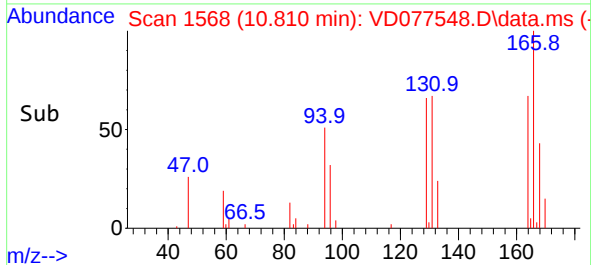
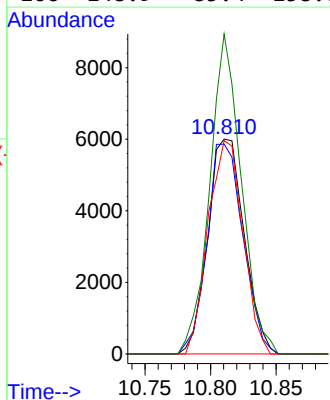
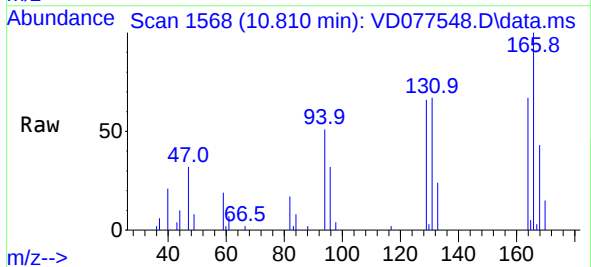
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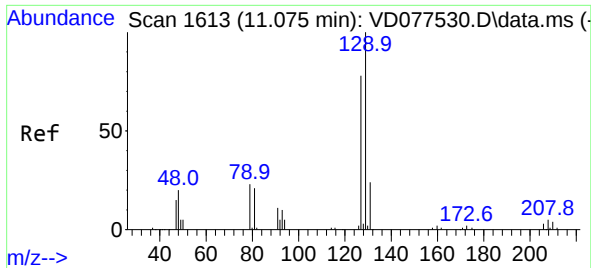
Tgt Ion: 75 Resp: 5345
Ion Ratio Lower Upper
75 100
77 36.1 22.5 41.9



#46
Tetrachloroethene
Concen: 2.324 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077548.D
Acq: 13 Nov 2023 14:48

Tgt Ion:164 Resp: 11605
Ion Ratio Lower Upper
164 100
129 97.6 60.6 112.6
131 99.2 61.6 114.4
166 148.9 85.4 158.6





#49
Dibromochloromethane
Concen: 2.054 ug/L
RT: 10.810 min Scan# 11
Delta R.T. -0.265 min
Lab File: VD077548.D
Acq: 13 Nov 2023 14:48

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:129 Resp: 10859
Ion Ratio Lower Upper
129 100
127 0.0 54.9 102.1#

