

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111623\
 Data File : VD077591.D
 Acq On : 16 Nov 2023 14:51
 Operator : JC/SY
 Sample : 05437-05
 Misc : 4.48G/10ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 17 00:31:11 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)

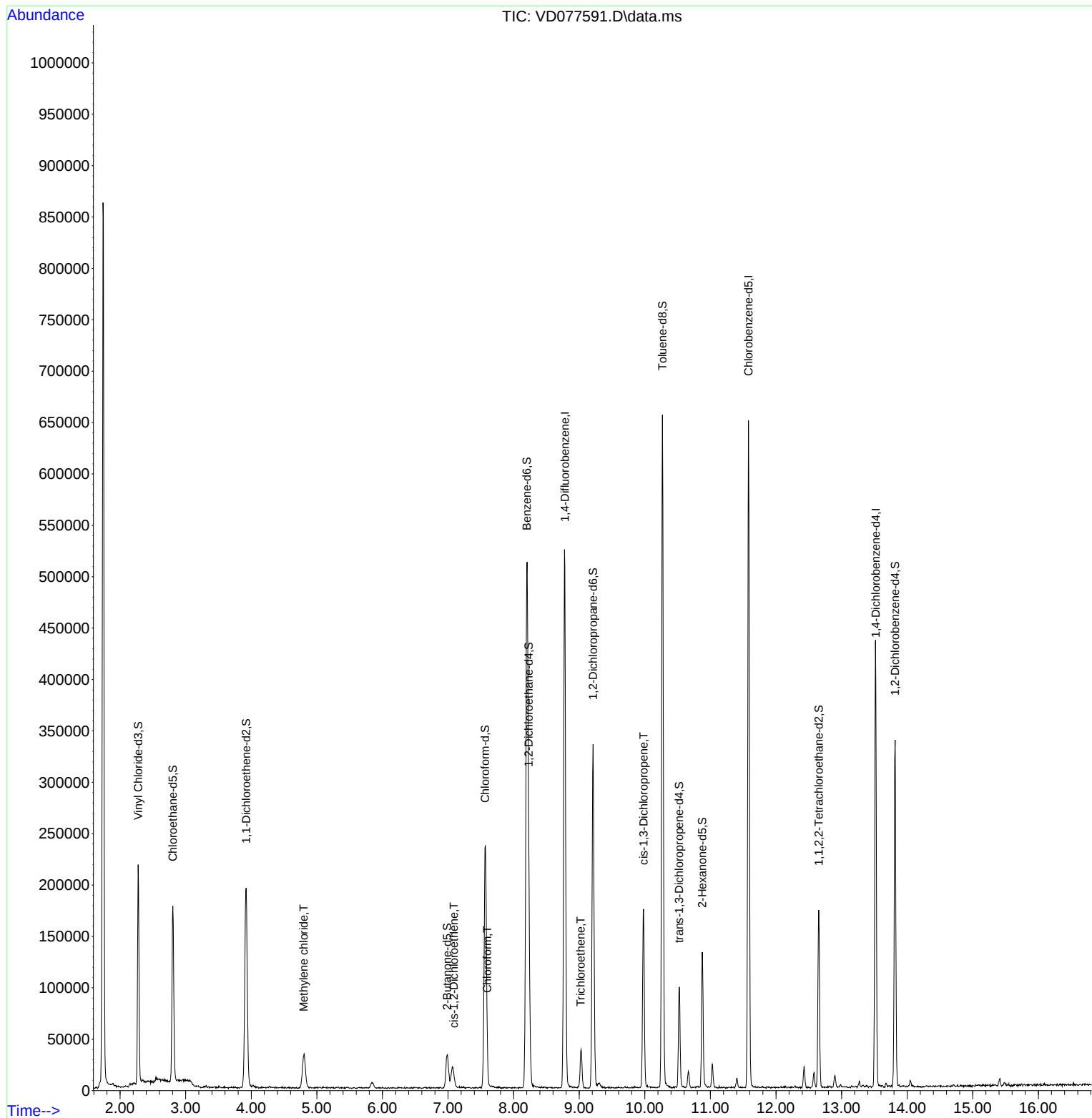
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	433774	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	342887	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	110968	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	197271	17.878	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	71.520%		
7) Chloroethane-d5	2.805	69	175078	20.197	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	80.800%		
11) 1,1-Dichloroethene-d2	3.922	65	60686	17.786	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	71.160%		
21) 2-Butanone-d5	6.987	46	60622	31.732	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	63.460%		
24) Chloroform-d	7.563	84	244966	19.549	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	78.200%		
26) 1,2-Dichloroethane-d4	8.228	65	126330	18.953	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	75.800%		
32) Benzene-d6	8.199	84	513030	23.053	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	92.200%		
36) 1,2-Dichloropropane-d6	9.210	67	161977	22.345	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	89.360%		
41) Toluene-d8	10.269	98	436441	21.703	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	86.800%		
43) trans-1,3-Dichloroprop...	10.522	79	58045	18.571	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	74.280%		
47) 2-Hexanone-d5	10.875	63	44963	34.673	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	69.340%		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	90873	18.921	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	75.680%		
66) 1,2-Dichlorobenzene-d4	13.816	152	85579	21.678	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	86.720%		
Target Compounds						Qvalue
16) Methylene chloride	4.799	84	24084	3.288	ug/L	95
20) cis-1,2-Dichloroethene	7.087	96	3157	0.448	ug/L	92
25) Chloroform	7.599	83	3894	0.326	ug/L	85
34) Trichloroethene	9.022	95	13317	2.260	ug/L	94
39) cis-1,3-Dichloropropene	9.981	75	4871	0.480	ug/L	90

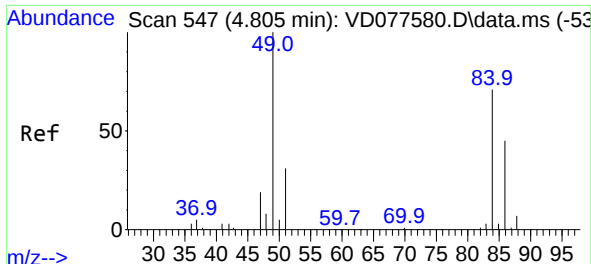
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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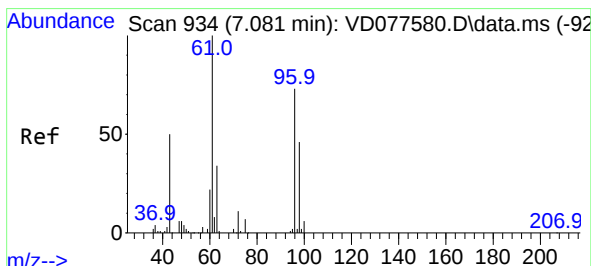
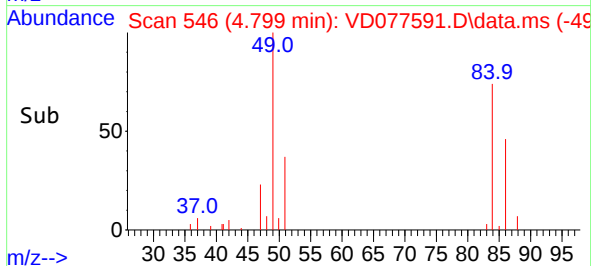
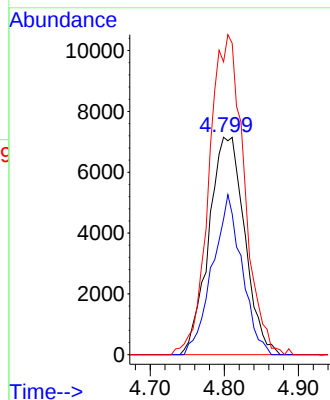
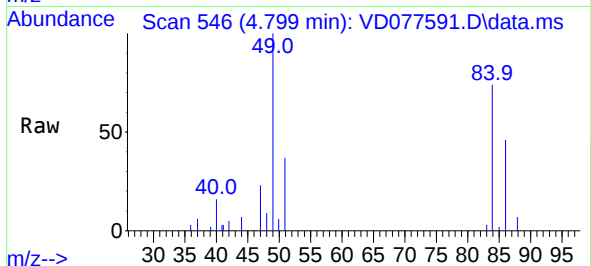




#16
Methylene chloride
Concen: 3.288 ug/L
RT: 4.799 min Scan# 54
Delta R.T. -0.006 min
Lab File: VD077591.D
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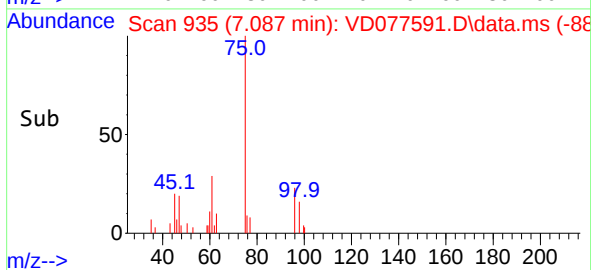
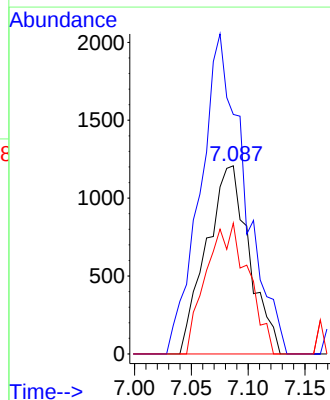
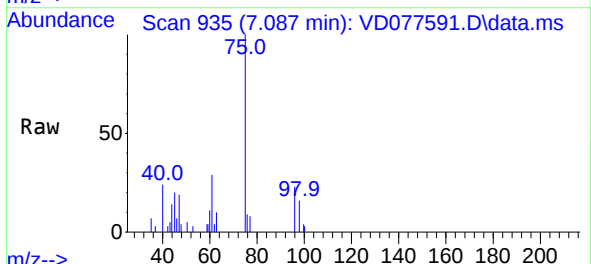
Instrument :
MSVOA_D
ClientSampleId :

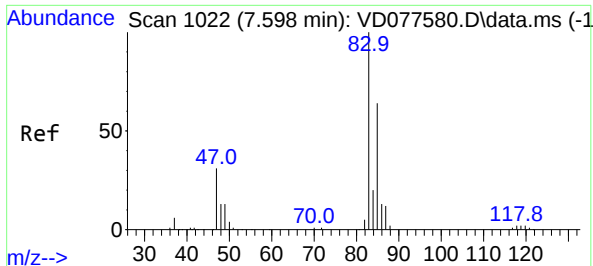
Tgt Ion: 84 Resp: 24084
Ion Ratio Lower Upper
84 100
86 62.3 46.5 86.5
49 134.7 98.3 182.7



#20
cis-1,2-Dichloroethene
Concen: 0.448 ug/L
RT: 7.087 min Scan# 935
Delta R.T. 0.006 min
Lab File: VD077591.D
Acq: 16 Nov 2023 14:51

Tgt Ion: 96 Resp: 3157
Ion Ratio Lower Upper
96 100
61 127.2 95.0 176.4
98 69.5 43.1 80.1

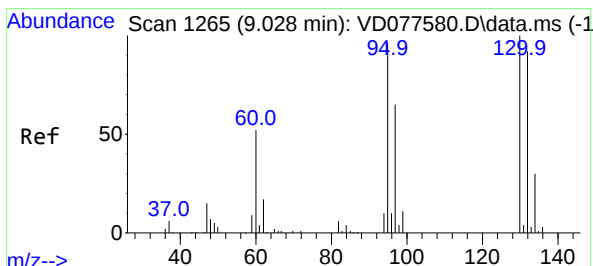
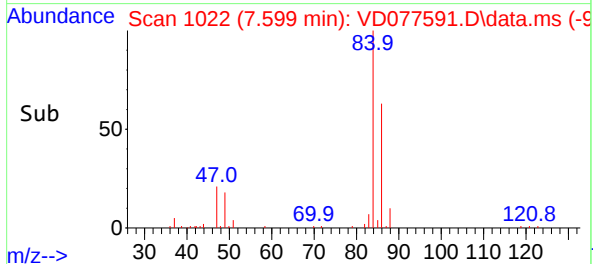
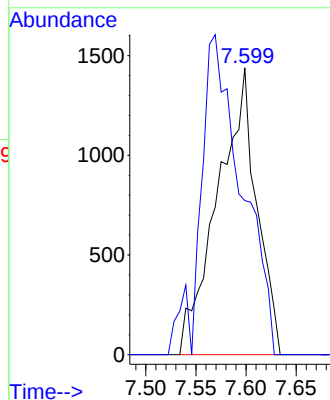
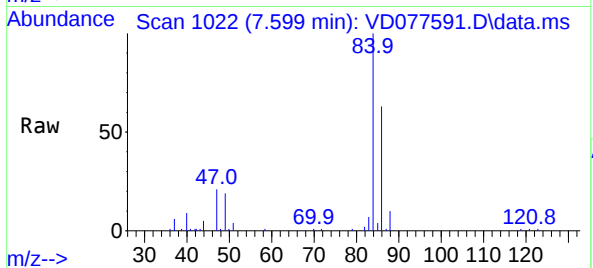




#25
Chloroform
Concen: 0.326 ug/L
RT: 7.599 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VD077591.D
Acq: 16 Nov 2023 14:51

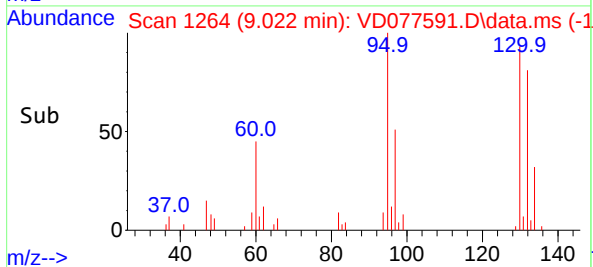
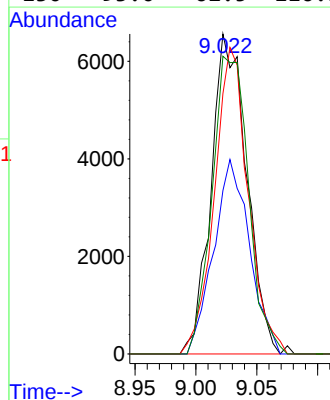
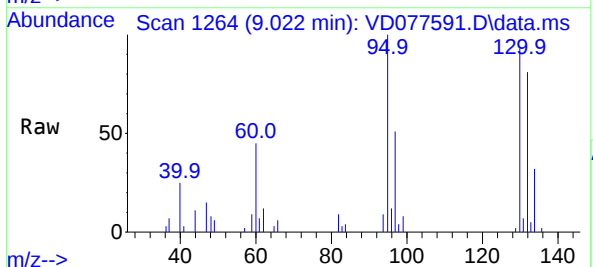
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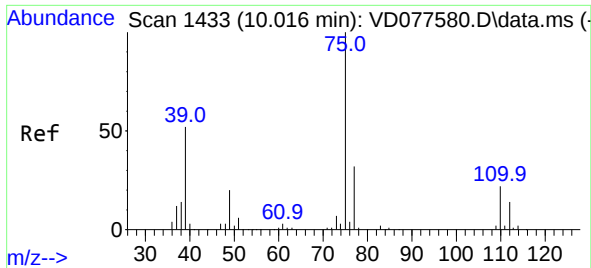
Tgt Ion: 83 Resp: 3894
Ion Ratio Lower Upper
83 100
85 53.7 45.9 85.3



#34
Trichloroethene
Concen: 2.260 ug/L
RT: 9.022 min Scan# 1264
Delta R.T. -0.006 min
Lab File: VD077591.D
Acq: 16 Nov 2023 14:51

Tgt Ion: 95 Resp: 13317
Ion Ratio Lower Upper
95 100
97 51.0 42.4 78.6
132 81.3 59.4 110.2
130 93.0 62.5 116.1





#39
cis-1,3-Dichloropropene
Concen: 0.480 ug/L
RT: 9.981 min Scan# 14
Delta R.T. -0.035 min
Lab File: VD077591.D
Acq: 16 Nov 2023 14:51

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 4871
Ion Ratio Lower Upper
75 100
77 37.7 22.5 41.9

