

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111623\
 Data File : VD077583.D
 Acq On : 16 Nov 2023 10:23
 Operator : JC/SY
 Sample : 05416-13
 Misc : 5.23G/10ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 17 00:29:51 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)

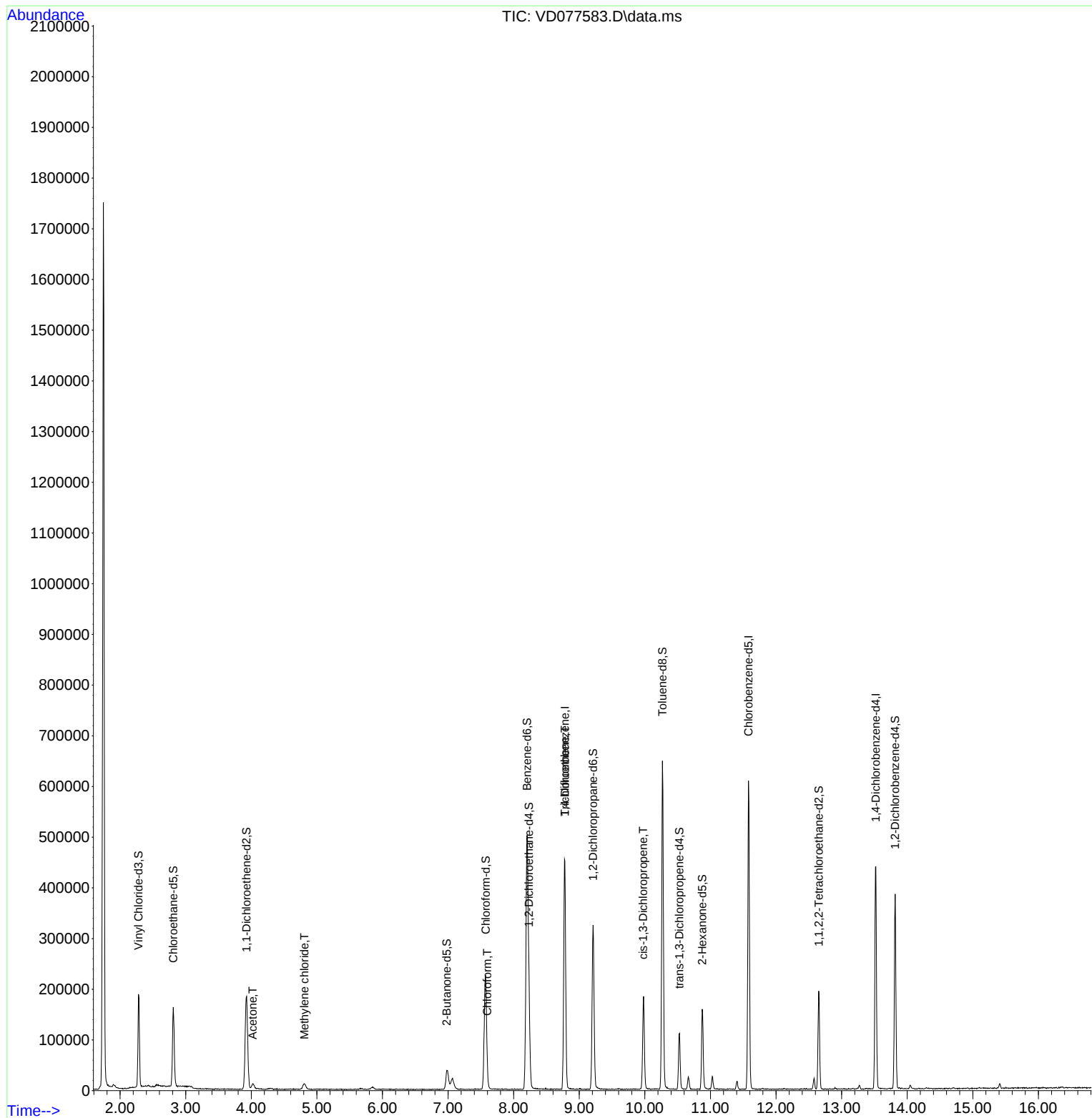
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	384149	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	324443	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	114985	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	173878	17.793	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.160%
7) Chloroethane-d5	2.811	69	157360	20.498	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.000%
11) 1,1-Dichloroethene-d2	3.928	65	56364	18.653	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.600%
21) 2-Butanone-d5	6.981	46	70023	41.387	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.780%
24) Chloroform-d	7.575	84	234700	21.150	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.600%
26) 1,2-Dichloroethane-d4	8.234	65	133496	22.616	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.480%
32) Benzene-d6	8.204	84	490348	23.286	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.160%
36) 1,2-Dichloropropane-d6	9.210	67	161708	23.576	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.320%
41) Toluene-d8	10.269	98	424273	22.297	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.200%
43) trans-1,3-Dichloroprop...	10.528	79	62836	21.247	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.000%
47) 2-Hexanone-d5	10.875	63	55095	44.902	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.800%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	100160	22.040	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.160%
66) 1,2-Dichlorobenzene-d4	13.816	152	95900	23.444	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.760%
Target Compounds						
					Qvalue	
13) Acetone	4.022	43	18002	10.122	ug/L	72
16) Methylene chloride	4.810	84	8732	1.346	ug/L	87
25) Chloroform	7.599	83	4923	0.465	ug/L #	75
34) Trichloroethene	8.781	95	11804	2.117	ug/L #	10
39) cis-1,3-Dichloropropene	9.975	75	4961	0.516	ug/L	83

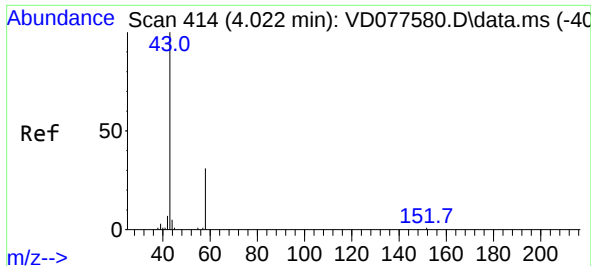
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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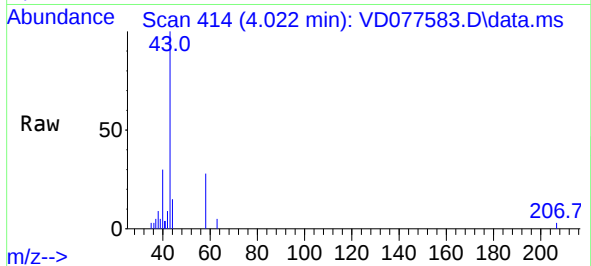
Quant Time: Nov 17 00:29:51 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
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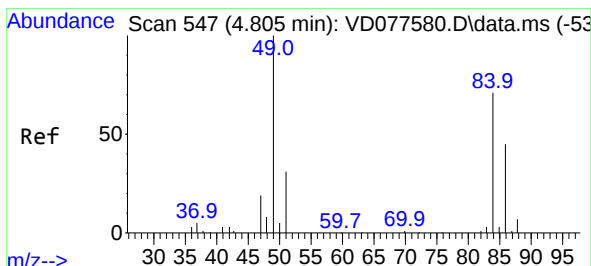
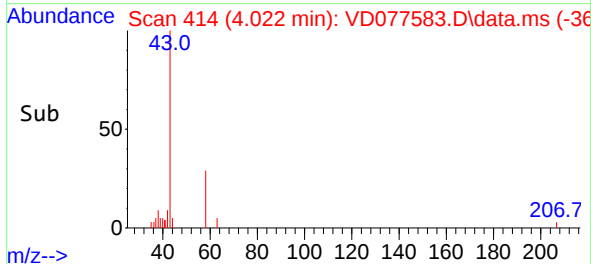
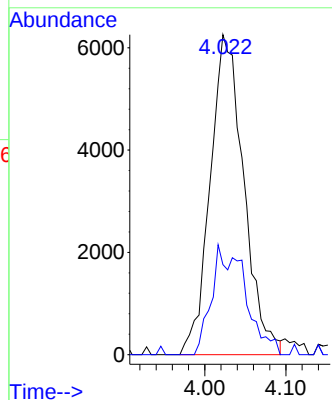


#13
Acetone
Concen: 10.122 ug/L
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD077583.D
Acq: 16 Nov 2023 10:23

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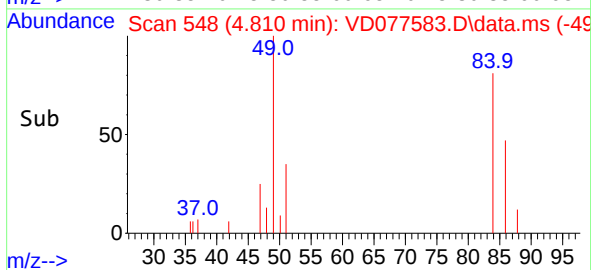
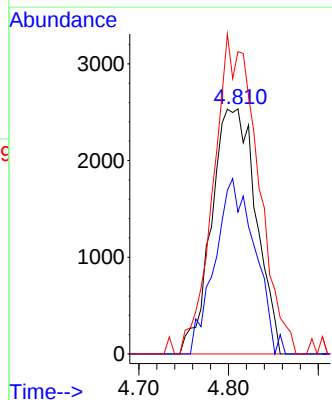
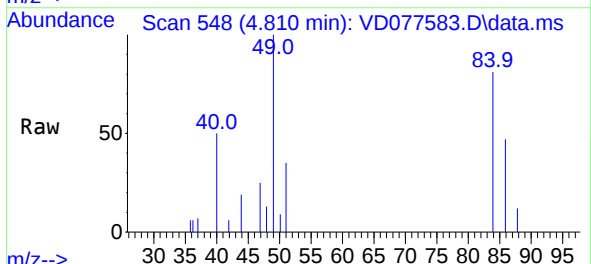


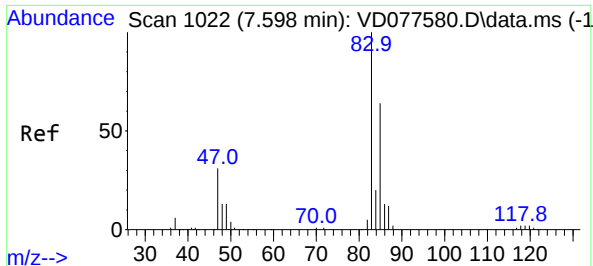
Tgt Ion: 43 Resp: 18002
Ion Ratio Lower Upper
43 100
58 16.6 0.0 64.0



#16
Methylene chloride
Concen: 1.346 ug/L
RT: 4.810 min Scan# 548
Delta R.T. 0.006 min
Lab File: VD077583.D
Acq: 16 Nov 2023 10:23

Tgt Ion: 84 Resp: 8732
Ion Ratio Lower Upper
84 100
86 57.9 46.5 86.5
49 123.3 98.3 182.7

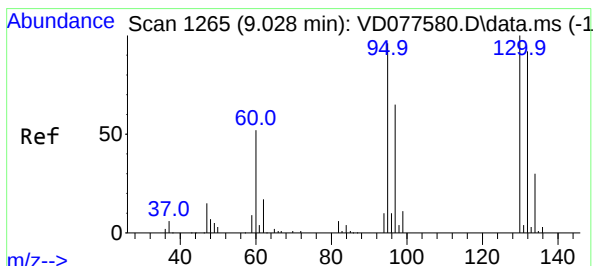
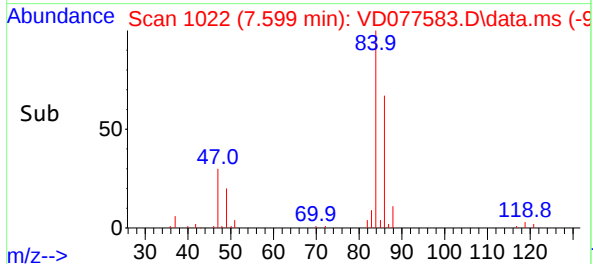
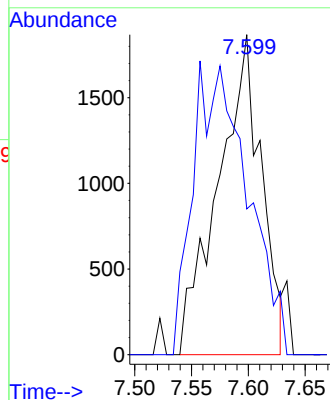
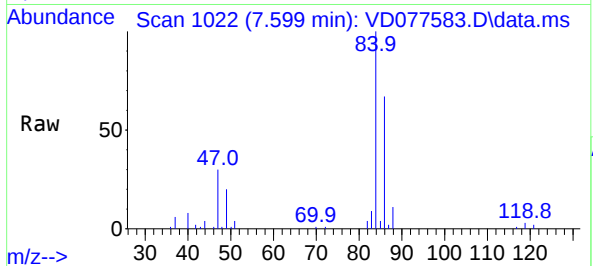




#25
Chloroform
Concen: 0.465 ug/L
RT: 7.599 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VD077583.D
Acq: 16 Nov 2023 10:23

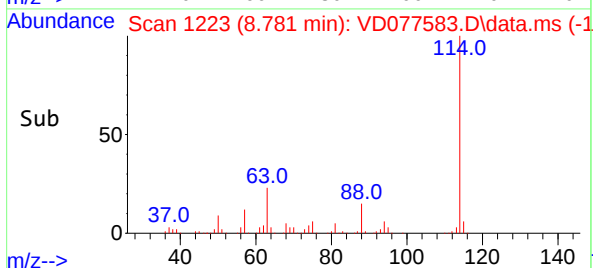
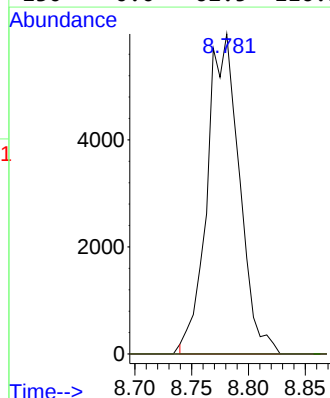
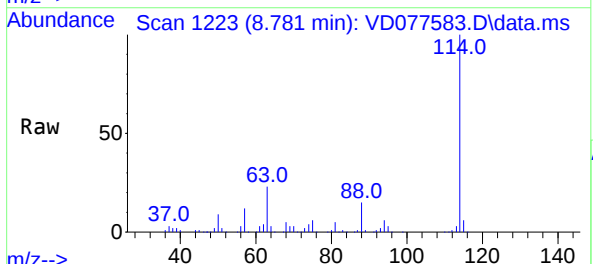
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MSVOA_D
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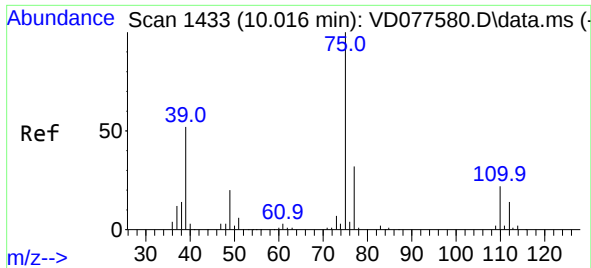
Tgt Ion: 83 Resp: 4923
Ion Ratio Lower Upper
83 100
85 45.6 45.9 85.3#



#34
Trichloroethene
Concen: 2.117 ug/L
RT: 8.781 min Scan# 1223
Delta R.T. -0.247 min
Lab File: VD077583.D
Acq: 16 Nov 2023 10:23

Tgt Ion: 95 Resp: 11804
Ion Ratio Lower Upper
95 100
97 0.0 42.4 78.6#
132 0.0 59.4 110.2#
130 0.0 62.5 116.1#





#39
cis-1,3-Dichloropropene
Concen: 0.516 ug/L
RT: 9.975 min Scan# 14
Delta R.T. -0.041 min
Lab File: VD077583.D
Acq: 16 Nov 2023 10:23

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 4961
Ion Ratio Lower Upper
75 100
77 41.8 22.5 41.9

