

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091323\
 Data File : VD077104.D
 Acq On : 13 Sep 2023 14:55
 Operator : JC/SY
 Sample : 04386-03
 Misc : 2.88G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 14 01:25:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Sep 02 01:35:39 2023
 Response via : Initial Calibration

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

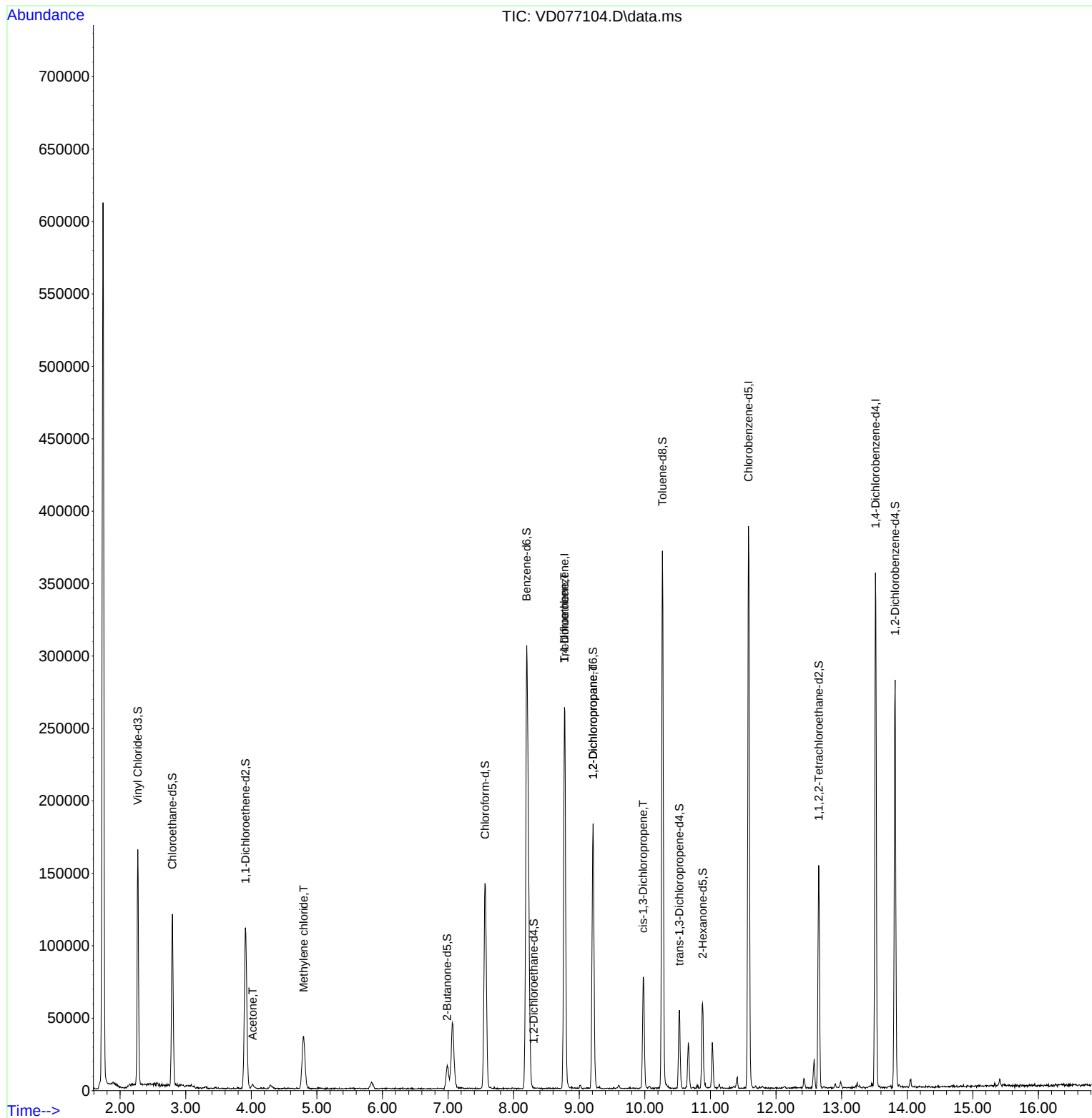
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	250349	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	239821	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	102455	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	144330	23.397	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.600%
7) Chloroethane-d5	2.799	69	118605	23.381	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.520%
11) 1,1-Dichloroethene-d2	3.910	65	30247	21.585	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.360%
21) 2-Butanone-d5	6.987	46	27552	35.454	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.900%
24) Chloroform-d	7.563	84	156842	22.896	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.600%
26) 1,2-Dichloroethane-d4	8.304	65	110	0.034	ug/L	0.08
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.120%#
32) Benzene-d6	8.198	84	307143	23.188	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.760%
36) 1,2-Dichloropropane-d6	9.210	67	93376	24.582	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.320%
41) Toluene-d8	10.269	98	262674	21.664	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.640%
43) trans-1,3-Dichloroprop...	10.528	79	31630	18.275	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.120%
47) 2-Hexanone-d5	10.881	63	22042	36.332	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.660%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	77460	22.874	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.480%
66) 1,2-Dichlorobenzene-d4	13.816	152	79587	24.202	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.800%
Target Compounds						
					Qvalue	
13) Acetone	4.022	43	2767	2.482	ug/L	78
16) Methylene chloride	4.799	84	29850	5.858	ug/L	96
34) Trichloroethene	8.775	95	7262	1.901	ug/L #	4
37) 1,2-Dichloropropane	9.210	63	10313	2.838	ug/L #	85
39) cis-1,3-Dichloropropene	9.975	75	2184	0.378	ug/L	91

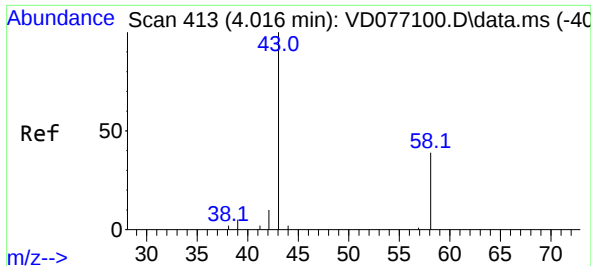
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Sat Sep 02 01:35:39 2023
Response via : Initial Calibration

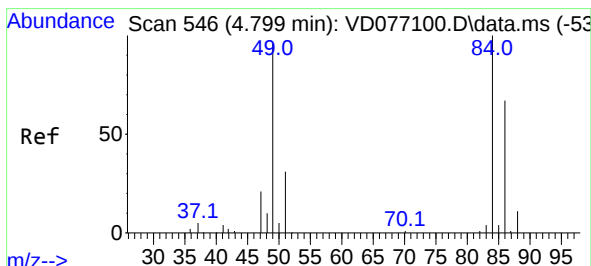
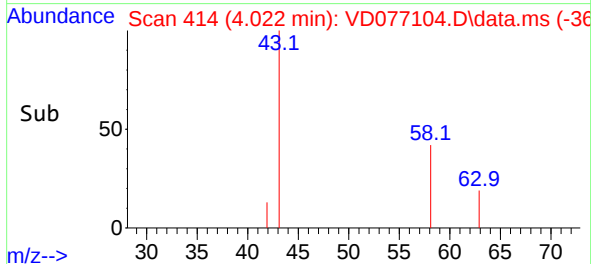
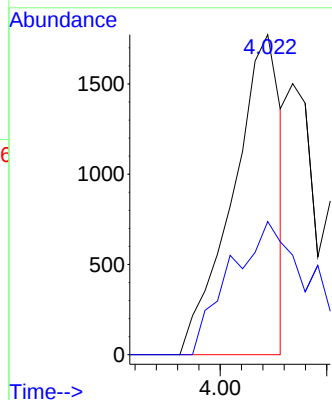
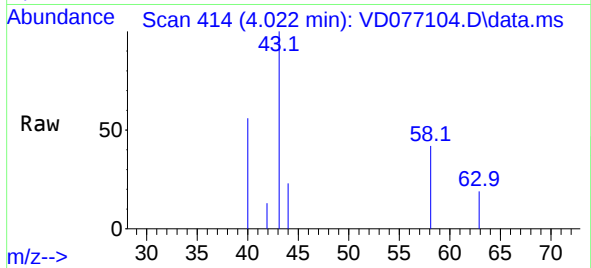




#13
Acetone
Concen: 2.482 ug/L
RT: 4.022 min Scan# 413
Delta R.T. 0.006 min
Lab File: VD077104.D
Acq: 13 Sep 2023 14:55

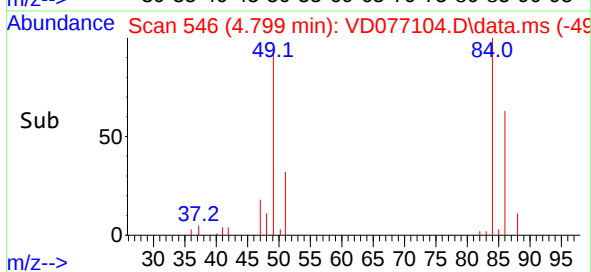
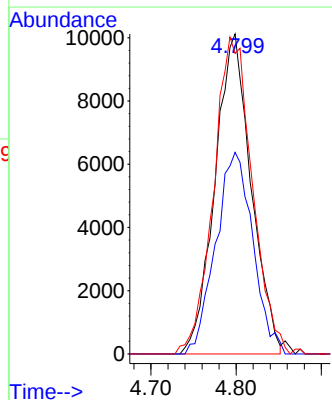
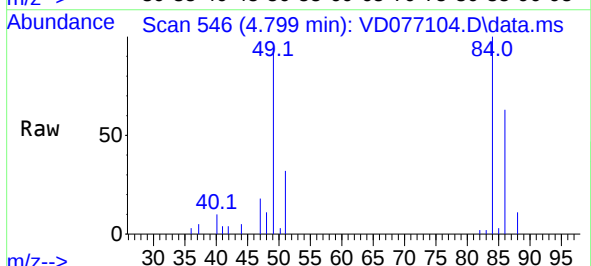
Instrument :
MSVOA_D
ClientSampleId :

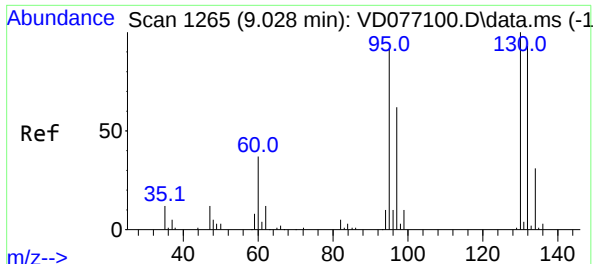
Tgt Ion: 43 Resp: 2767
Ion Ratio Lower Upper
43 100
58 48.8 0.0 71.8



#16
Methylene chloride
Concen: 5.858 ug/L
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD077104.D
Acq: 13 Sep 2023 14:55

Tgt Ion: 84 Resp: 29850
Ion Ratio Lower Upper
84 100
86 63.0 45.3 84.1
49 93.9 69.2 128.6



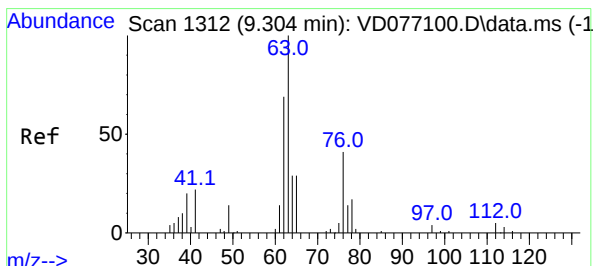
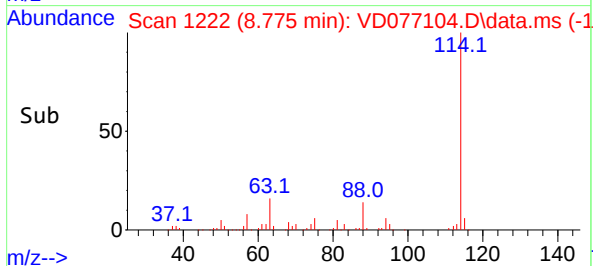
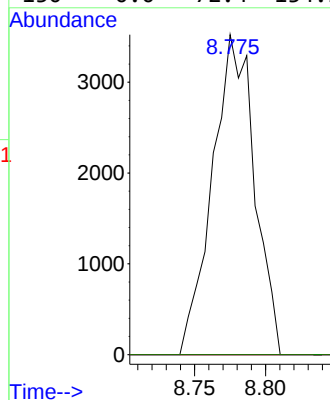
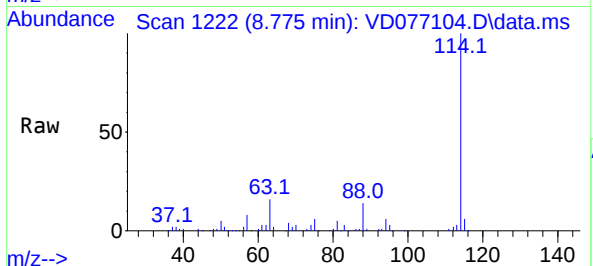


#34
Trichloroethene
Concen: 1.901 ug/L
RT: 8.775 min Scan# 11
Delta R.T. -0.253 min
Lab File: VD077104.D
Acq: 13 Sep 2023 14:55

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 95 Resp: 7262

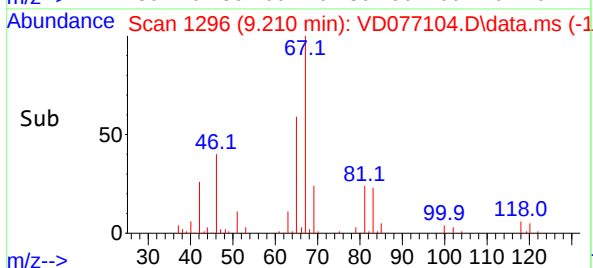
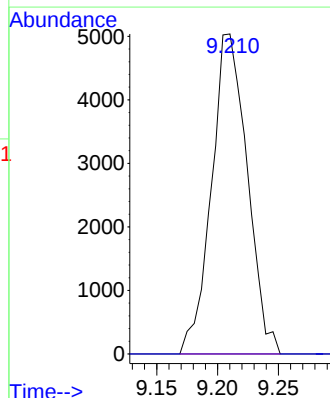
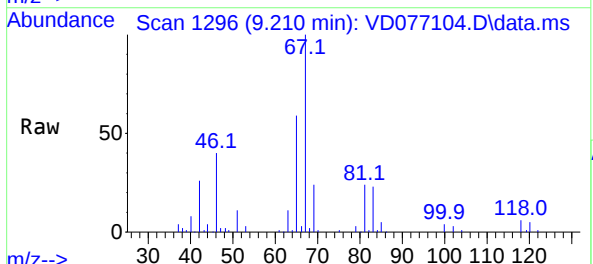
Ion	Ratio	Lower	Upper
95	100		
97	0.0	46.4	86.2#
132	0.0	70.1	130.1#
130	0.0	72.4	134.5#

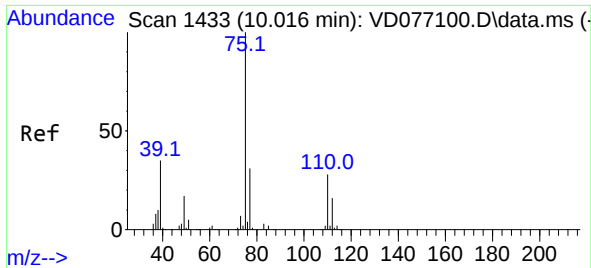


#37
1,2-Dichloropropane
Concen: 2.838 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.094 min
Lab File: VD077104.D
Acq: 13 Sep 2023 14:55

Tgt Ion: 63 Resp: 10313

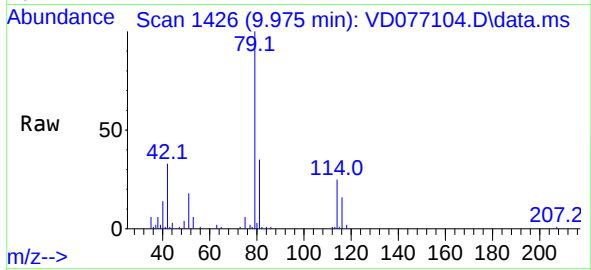
Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.0	6.0#





#39
cis-1,3-Dichloropropene
Concen: 0.378 ug/L
RT: 9.975 min Scan# 14
Delta R.T. -0.041 min
Lab File: VD077104.D
Acq: 13 Sep 2023 14:55

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 75 Resp: 2184
Ion Ratio Lower Upper
75 100
77 27.9 23.2 43.2

