

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091223\
 Data File : VD077089.D
 Acq On : 12 Sep 2023 13:39
 Operator : JC/SY
 Sample : 04386-04
 Misc : 2.01G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 13 01:49:31 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)

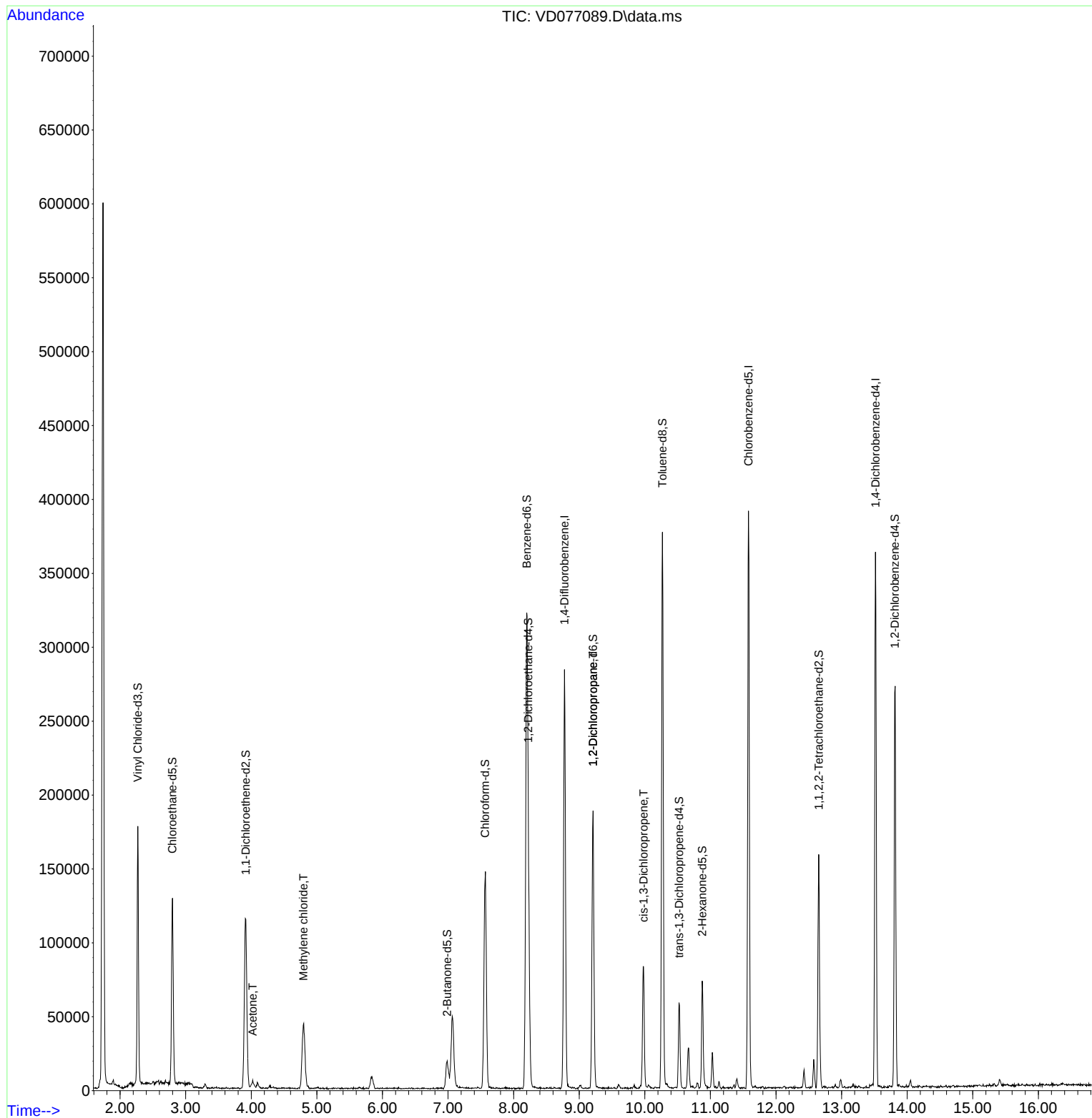
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	262118	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	240689	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	103194	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	146349	22.659	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.640%
7) Chloroethane-d5	2.799	69	126703	23.855	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.440%
11) 1,1-Dichloroethene-d2	3.917	65	31791	21.668	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.680%
21) 2-Butanone-d5	6.987	46	31850	39.144	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.280%
24) Chloroform-d	7.563	84	156965	21.885	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.520%
26) 1,2-Dichloroethane-d4	8.222	65	78829	23.189	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.760%
32) Benzene-d6	8.199	84	317090	23.853	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.400%
36) 1,2-Dichloropropane-d6	9.210	67	92601	24.290	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.160%
41) Toluene-d8	10.269	98	271756	22.332	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.320%
43) trans-1,3-Dichloroprop...	10.522	79	35022	20.162	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.640%
47) 2-Hexanone-d5	10.875	63	24137	39.641	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.280%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	76299	22.450	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.800%
66) 1,2-Dichlorobenzene-d4	13.810	152	78746	23.774	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.080%
Target Compounds						Qvalue
13) Acetone	4.022	43	6989	5.988	ug/L	83
16) Methylene chloride	4.793	84	36168	6.780	ug/L	90
37) 1,2-Dichloropropane	9.210	63	10040	2.753	ug/L #	85
39) cis-1,3-Dichloropropene	9.981	75	2351	0.405	ug/L #	78

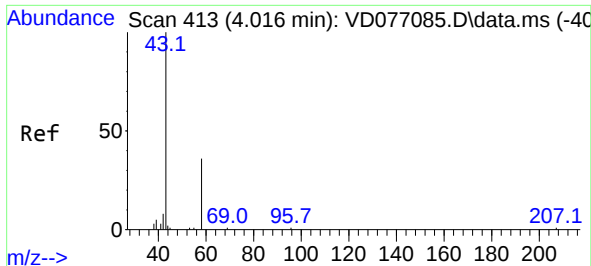
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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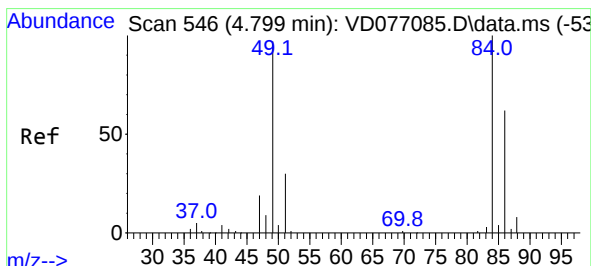
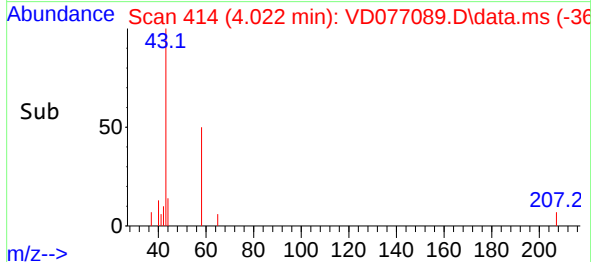
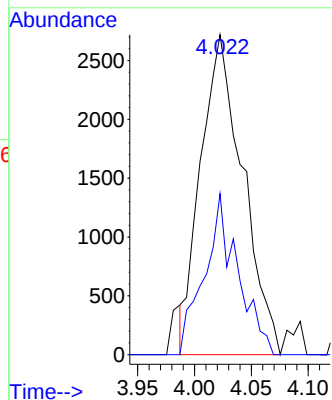
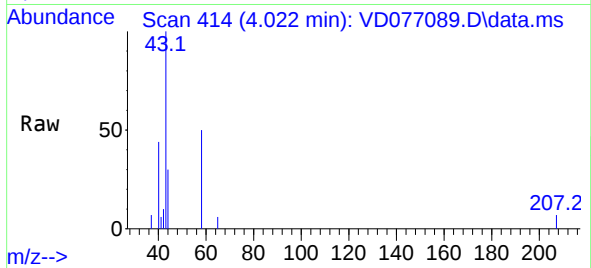




#13
Acetone
Concen: 5.988 ug/L
RT: 4.022 min Scan# 413
Delta R.T. 0.006 min
Lab File: VD077089.D
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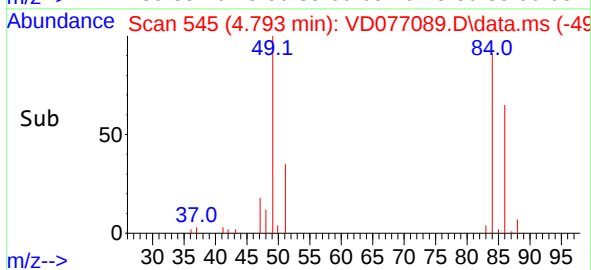
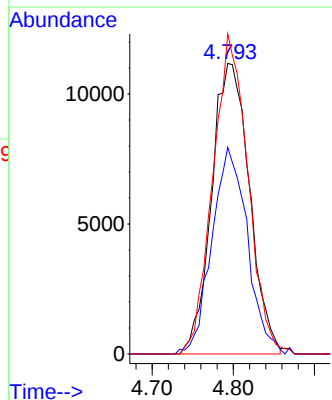
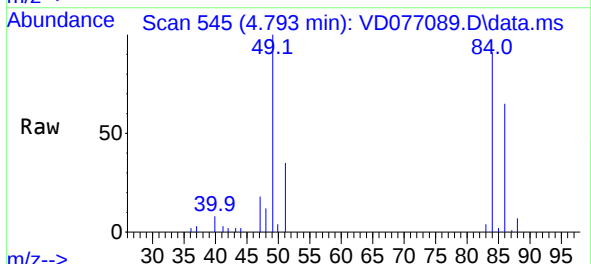
Instrument :
MSVOA_D
ClientSampleId :

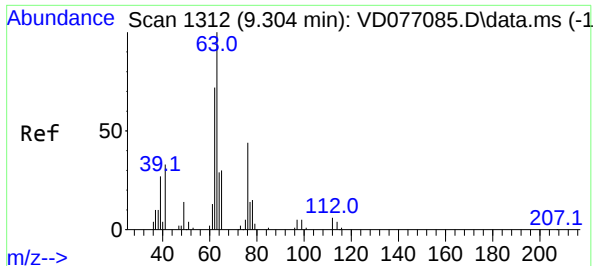
Tgt Ion: 43 Resp: 6989
Ion Ratio Lower Upper
43 100
58 25.9 0.0 71.8



#16
Methylene chloride
Concen: 6.780 ug/L
RT: 4.793 min Scan# 545
Delta R.T. -0.012 min
Lab File: VD077089.D
Acq: 12 Sep 2023 13:39

Tgt Ion: 84 Resp: 36168
Ion Ratio Lower Upper
84 100
86 71.1 45.3 84.1
49 110.1 69.2 128.6

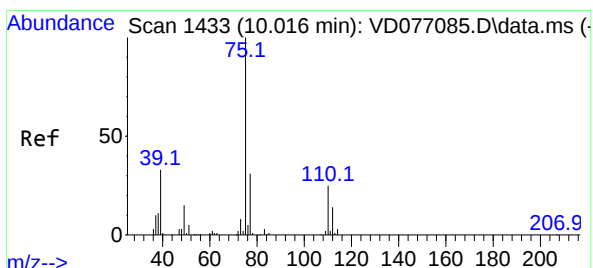
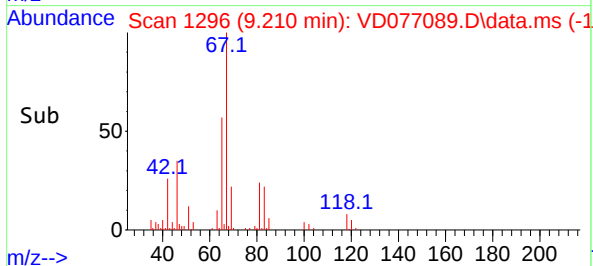
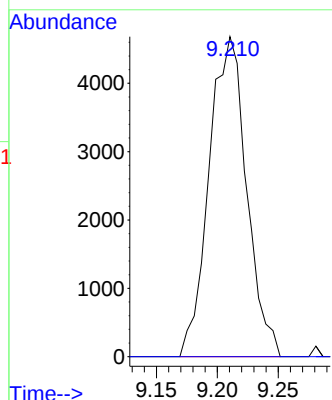
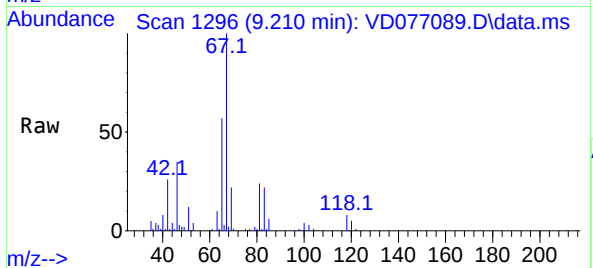




#37
1,2-Dichloropropane
Concen: 2.753 ug/L
RT: 9.210 min Scan# 11
Delta R.T. -0.094 min
Lab File: VD077089.D
Acq: 12 Sep 2023 13:39

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 63 Resp: 10040
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#



#39
cis-1,3-Dichloropropene
Concen: 0.405 ug/L
RT: 9.981 min Scan# 1427
Delta R.T. -0.035 min
Lab File: VD077089.D
Acq: 12 Sep 2023 13:39

Tgt Ion: 75 Resp: 2351
Ion Ratio Lower Upper
75 100
77 45.8 23.2 43.2#

