

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121423\
 Data File : VD077881.D
 Acq On : 14 Dec 2023 14:17
 Operator : RP/MD
 Sample : 05788-09
 Misc : 5.41G/10ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 15 07:13:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 06 00:24:24 2023
 Response via : Initial Calibration

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

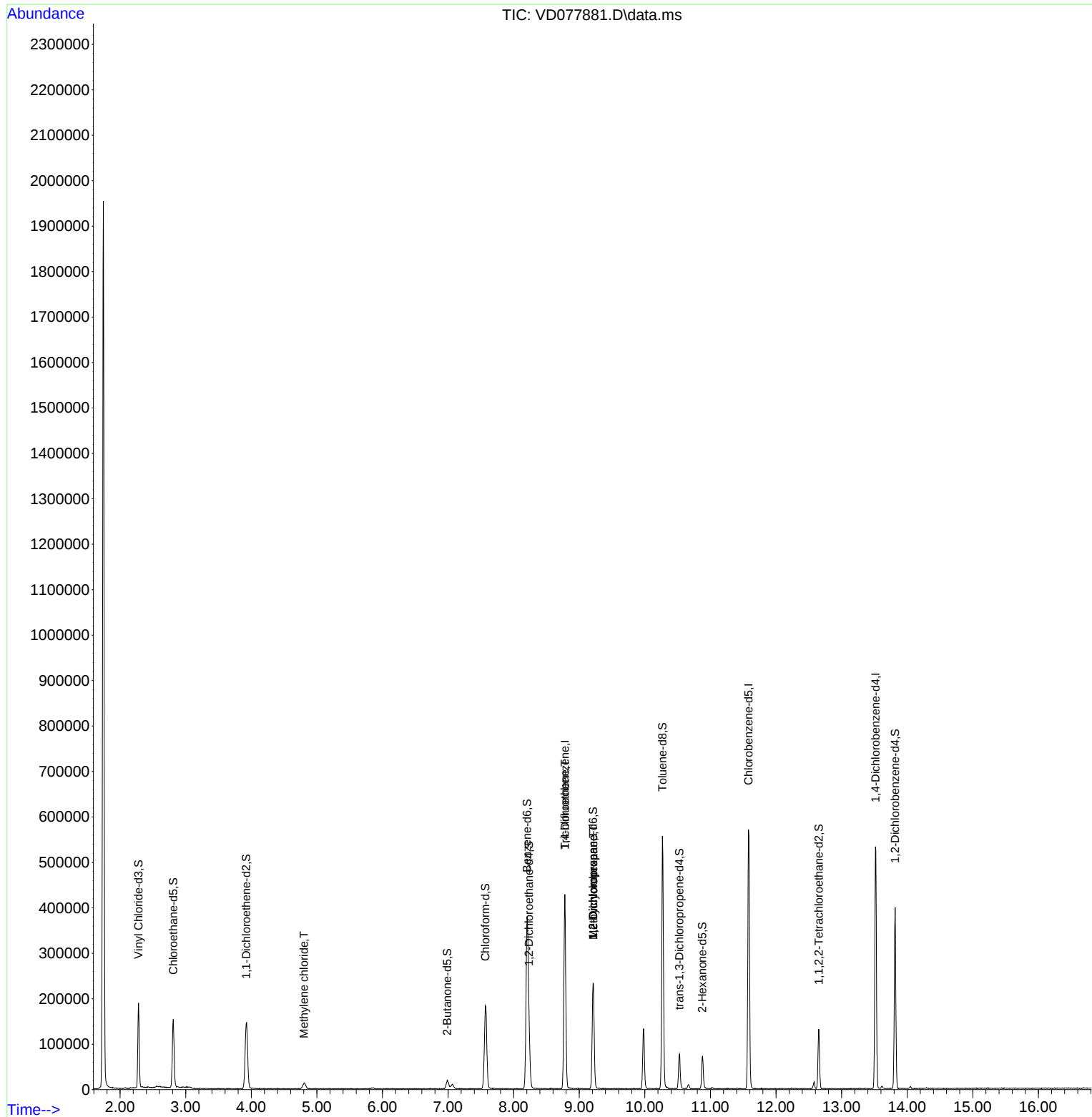
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	378855	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	346536	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	145756	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	171448	16.595	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.360%
7) Chloroethane-d5	2.811	69	155959	18.939	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.760%
11) 1,1-Dichloroethene-d2	3.922	65	43596	16.274	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.080%
21) 2-Butanone-d5	6.987	46	30139	23.082	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	46.160%
24) Chloroform-d	7.569	84	194464	19.045	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	76.160%
26) 1,2-Dichloroethane-d4	8.234	65	89618	17.323	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	69.280%#
32) Benzene-d6	8.204	84	414793	19.874	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.480%
36) 1,2-Dichloropropane-d6	9.210	67	120011	18.846	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	75.400%
41) Toluene-d8	10.269	98	382159	19.893	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.560%
43) trans-1,3-Dichloroprop...	10.528	79	44855	15.929	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	63.720%
47) 2-Hexanone-d5	10.875	63	25777	23.491	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	46.980%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	66480	14.447	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	57.800%
66) 1,2-Dichlorobenzene-d4	13.816	152	103197	19.791	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	79.160%
Target Compounds						Qvalue
16) Methylene chloride	4.805	84	7200	1.070	ug/L	89
34) Trichloroethene	8.781	95	11616	2.075	ug/L #	5
35) Methylcyclohexane	9.216	83	27798	2.797	ug/L #	19
37) 1,2-Dichloropropane	9.216	63	12284	2.089	ug/L #	87

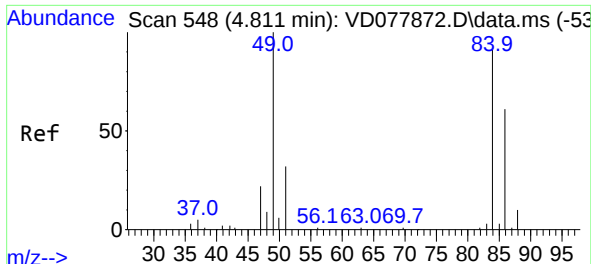
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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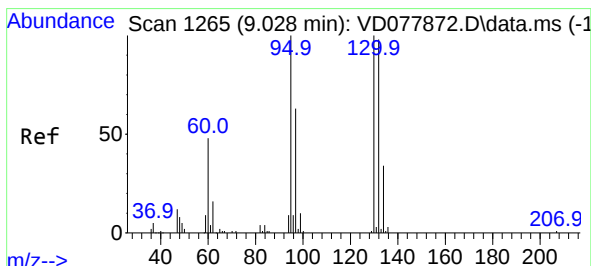
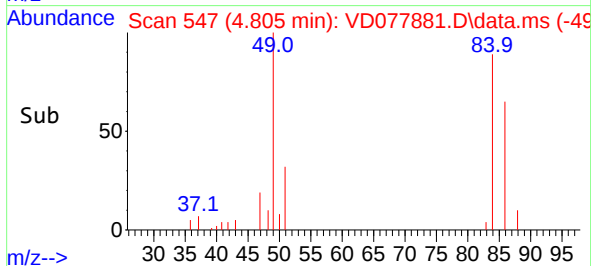
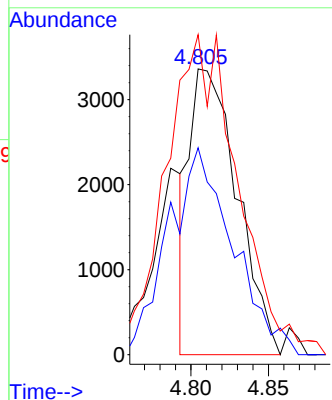
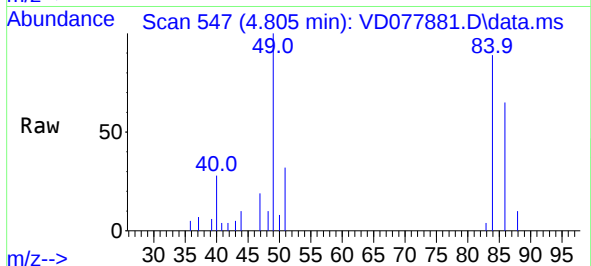




#16
Methylene chloride
Concen: 1.070 ug/L
RT: 4.805 min Scan# 54
Delta R.T. -0.006 min
Lab File: VD077881.D
Acq: 14 Dec 2023 14:17

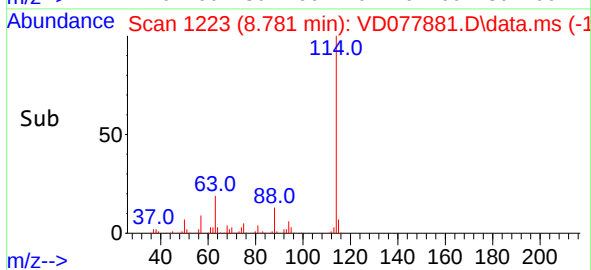
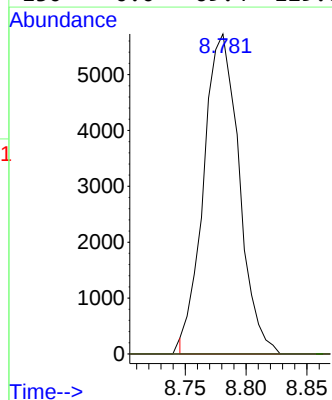
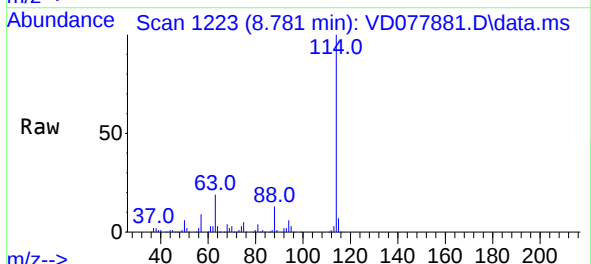
Instrument :
MSVOA_D
ClientSampleId :

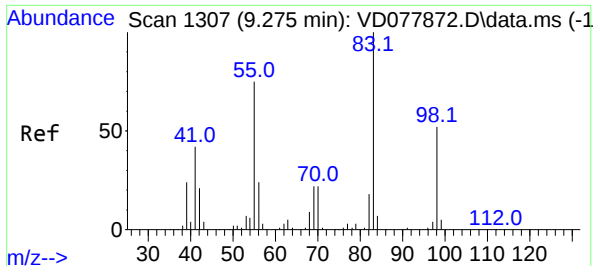
Tgt Ion: 84 Resp: 7200
Ion Ratio Lower Upper
84 100
86 72.4 40.1 74.5
49 112.0 83.2 154.6



#34
Trichloroethene
Concen: 2.075 ug/L
RT: 8.781 min Scan# 1223
Delta R.T. -0.253 min
Lab File: VD077881.D
Acq: 14 Dec 2023 14:17

Tgt Ion: 95 Resp: 11616
Ion Ratio Lower Upper
95 100
97 0.0 44.2 82.0#
132 0.0 67.5 125.3#
130 0.0 69.4 129.0#





#35

Methylcyclohexane

Concen: 2.797 ug/L

RT: 9.216 min Scan# 1297

Delta R.T. -0.059 min

Lab File: VD077881.D

Acq: 14 Dec 2023 14:17

Instrument :

MSVOA_D

ClientSampleId :

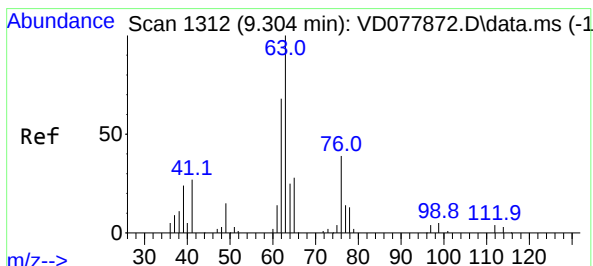
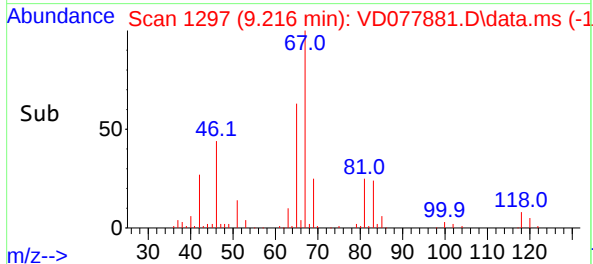
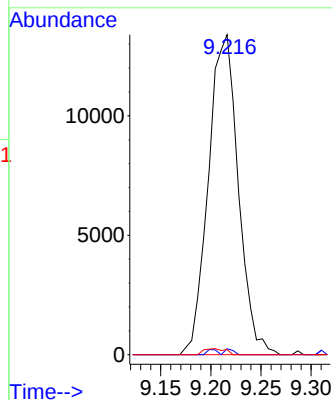
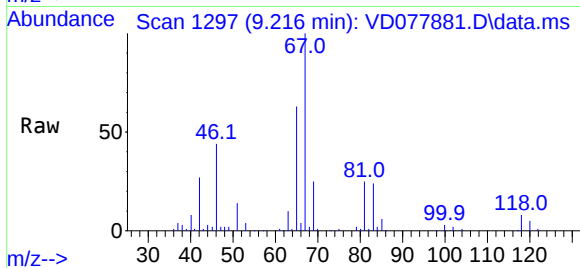
Tgt Ion: 83 Resp: 27798

Ion Ratio Lower Upper

83 100

55 0.5 59.8 89.6#

98 0.0 38.5 57.7#



#37

1,2-Dichloropropane

Concen: 2.089 ug/L

RT: 9.216 min Scan# 1297

Delta R.T. -0.088 min

Lab File: VD077881.D

Acq: 14 Dec 2023 14:17

Tgt Ion: 63 Resp: 12284

Ion Ratio Lower Upper

63 100

112 0.0 3.5 5.3#

