

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082523\
 Data File : VD077021.D
 Acq On : 25 Aug 2023 17:49
 Operator : JC/SY
 Sample : 04172-06
 Misc : 6.47G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 25 23:56:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM080323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 25 23:54:22 2023
 Response via : Initial Calibration

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

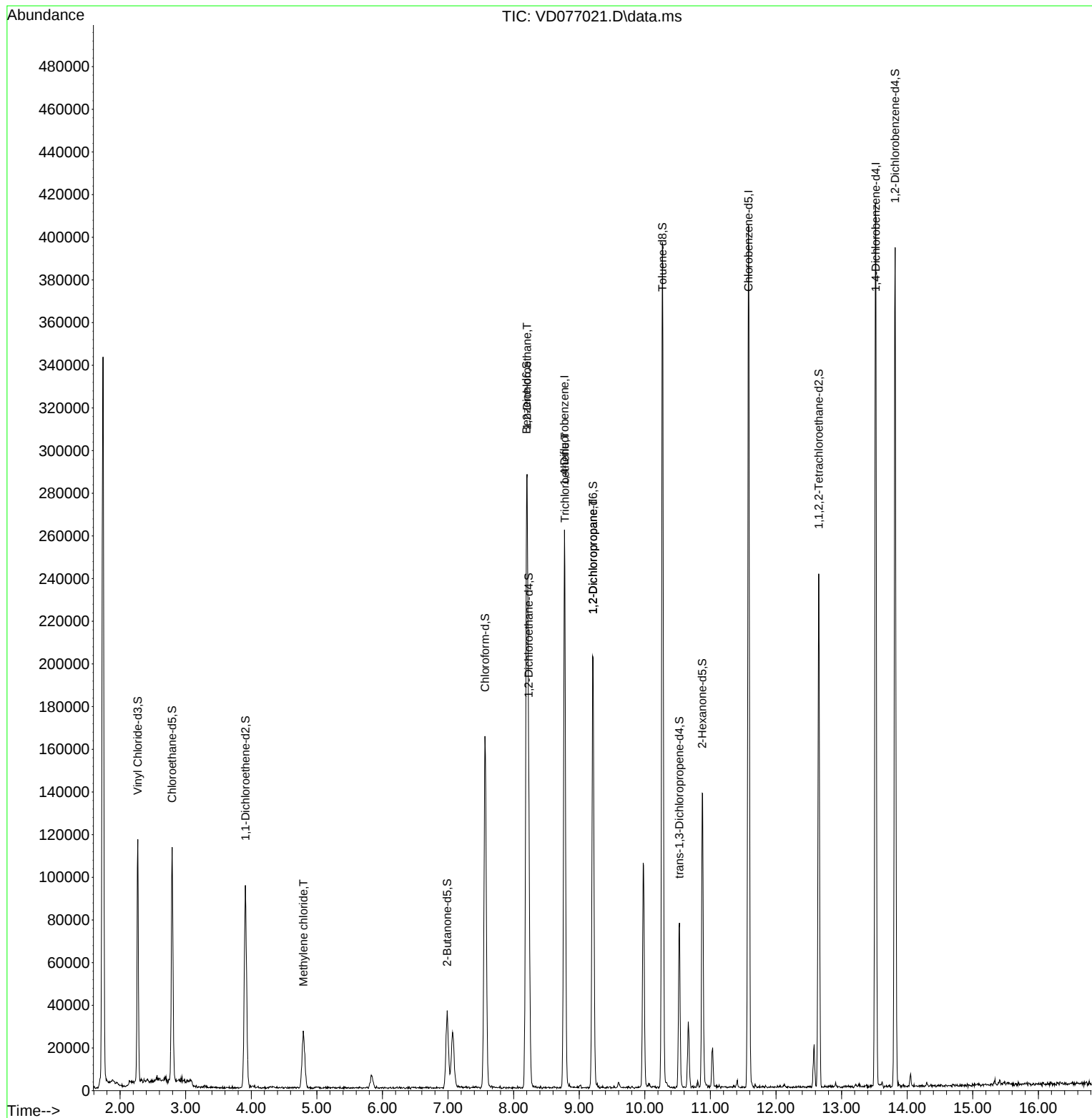
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	238002	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	245992	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	116275	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	100901	15.416	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.680%
7) Chloroethane-d5	2.793	69	111220	18.381	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.520%
11) 1,1-Dichloroethene-d2	3.911	65	26009	16.771	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.080%
21) 2-Butanone-d5	6.987	46	58677	55.838	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.680%
24) Chloroform-d	7.563	84	169963	21.930	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.720%
26) 1,2-Dichloroethane-d4	8.228	65	88594	22.932	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.720%
32) Benzene-d6	8.199	84	313079	20.243	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.960%
36) 1,2-Dichloropropane-d6	9.210	67	102450	21.545	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.160%
41) Toluene-d8	10.269	98	279115	19.684	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.720%
43) trans-1,3-Dichloroprop...	10.528	79	43942	20.439	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.760%
47) 2-Hexanone-d5	10.875	63	50883	56.018	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.040%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	116845	25.429	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.720%
66) 1,2-Dichlorobenzene-d4	13.816	152	109103	25.666	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.680%
Target Compounds						Qvalue
16) Methylene chloride	4.793	84	21026	4.212	ug/L	81
27) 1,2-Dichloroethane	8.205	62	1809	0.398	ug/L #	71
34) Trichloroethene	8.781	95	6963	1.658	ug/L #	4
37) 1,2-Dichloropropane	9.210	63	11215	2.738	ug/L #	88

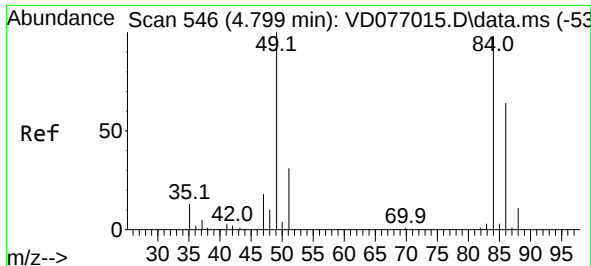
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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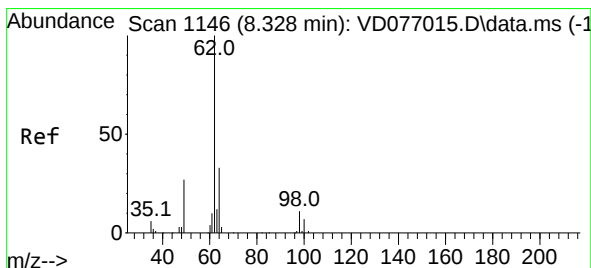
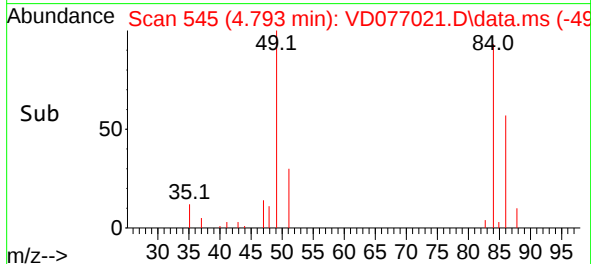
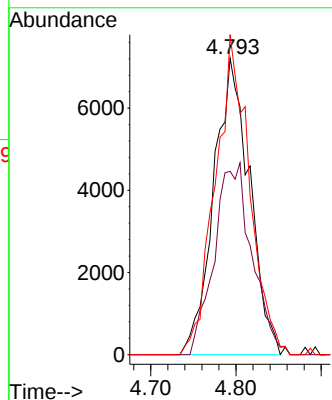
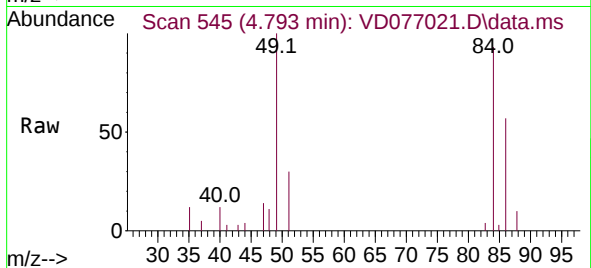




#16
Methylene chloride
Concen: 4.212 ug/L
RT: 4.793 min Scan# 54
Delta R.T. -0.006 min
Lab File: VD077021.D
Acq: 25 Aug 2023 17:49

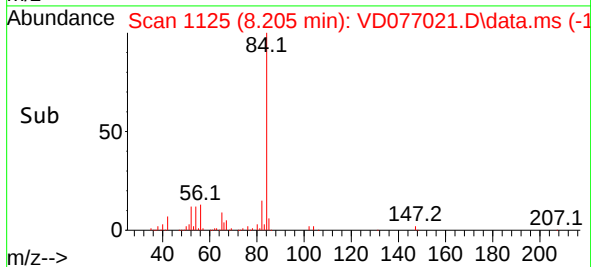
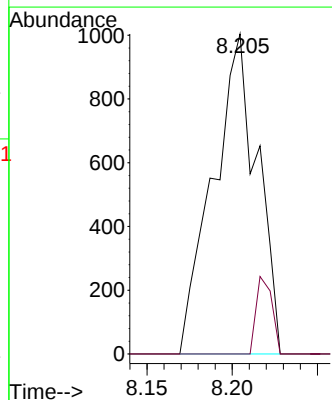
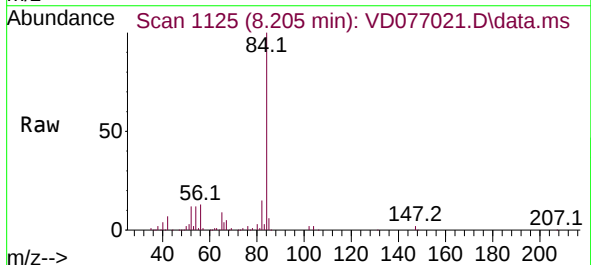
Instrument :
MSVOA_D
ClientSampleId :

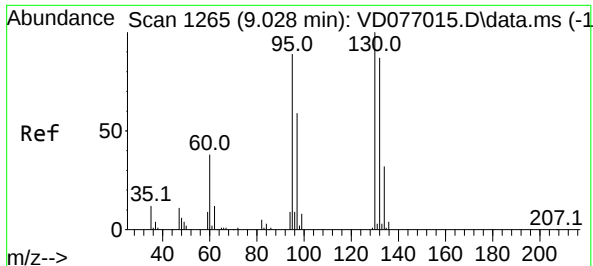
Tgt Ion: 84 Resp: 21026
Ion Ratio Lower Upper
84 100
86 61.8 45.1 83.9
49 107.9 97.2 180.6



#27
1,2-Dichloroethane
Concen: 0.398 ug/L
RT: 8.205 min Scan# 1125
Delta R.T. -0.123 min
Lab File: VD077021.D
Acq: 25 Aug 2023 17:49

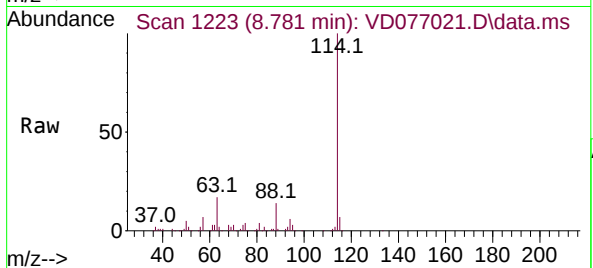
Tgt Ion: 62 Resp: 1809
Ion Ratio Lower Upper
62 100
98 0.0 8.7 13.1#



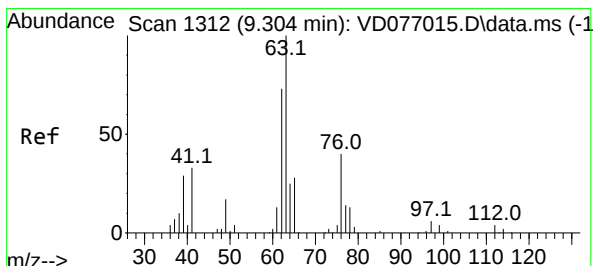
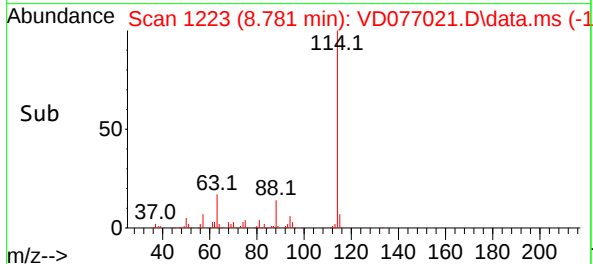
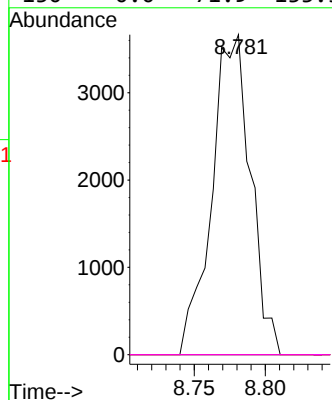


#34
 Trichloroethene
 Concen: 1.658 ug/L
 RT: 8.781 min Scan# 1265
 Delta R.T. -0.247 min
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Tgt Ion: 95 Resp: 6963
 Ion Ratio Lower Upper
 95 100
 97 0.0 43.1 80.1#
 132 0.0 71.8 133.4#
 130 0.0 71.9 133.5#



#37
 1,2-Dichloropropane
 Concen: 2.738 ug/L
 RT: 9.210 min Scan# 1296
 Delta R.T. -0.094 min
 Lab File: VD077021.D
 Acq: 25 Aug 2023 17:49

Tgt Ion: 63 Resp: 11215
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#

