

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD112423\
 Data File : VD077685.D
 Acq On : 24 Nov 2023 11:59
 Operator : JC/SY
 Sample : 05459-17RE
 Misc : 3.41G/10ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 27 00:01:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Nov 27 00:00:09 2023
 Response via : Initial Calibration

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

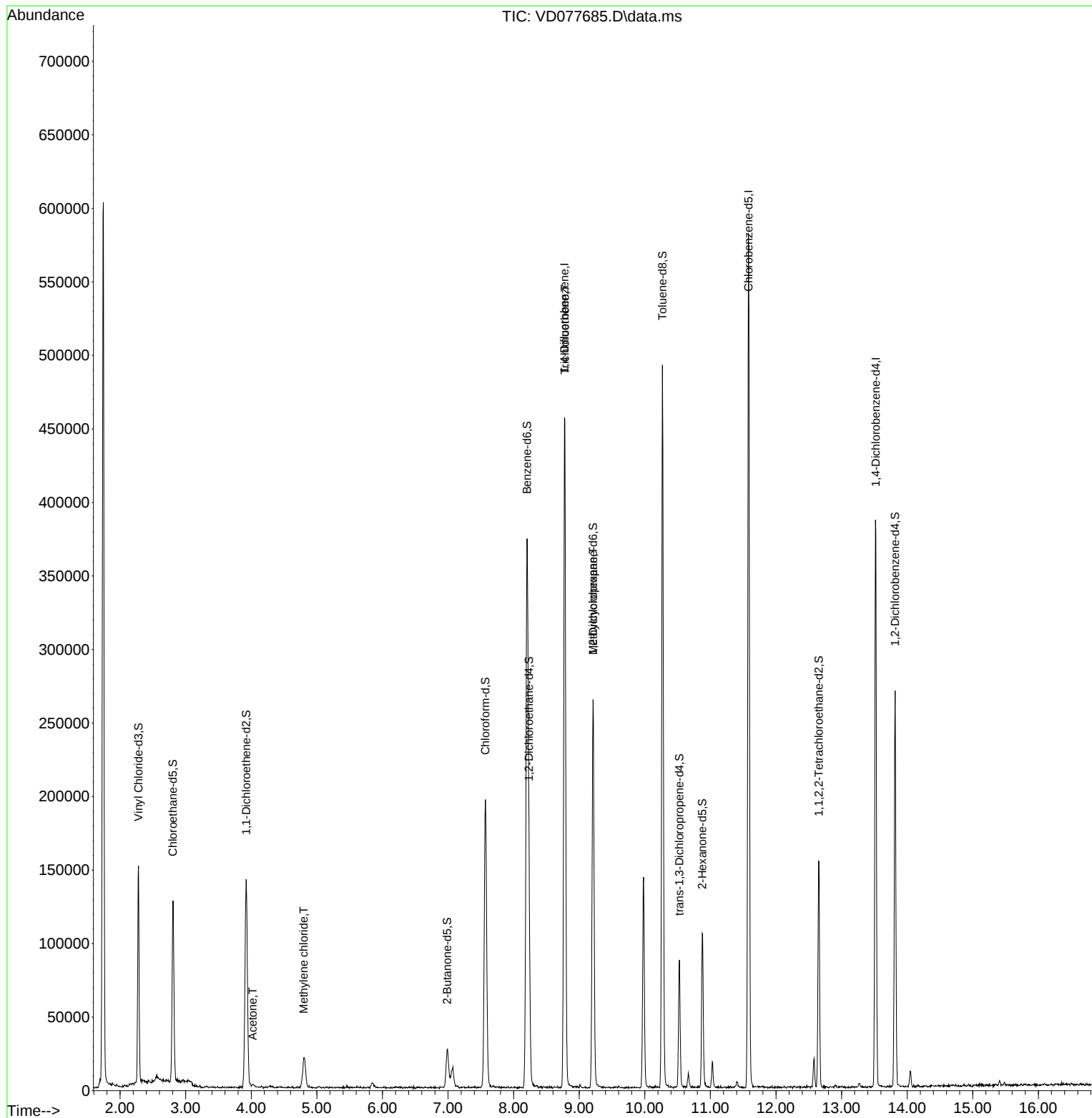
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	385500	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	317688	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	98012	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	134682	13.734	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	54.920%
7) Chloroethane-d5	2.805	69	129654	16.830	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.320%
11) 1,1-Dichloroethene-d2	3.922	65	42012	13.854	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.400%
21) 2-Butanone-d5	6.987	46	47415	27.926	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	55.860%
24) Chloroform-d	7.569	84	203291	18.255	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	73.040%
26) 1,2-Dichloroethane-d4	8.234	65	101394	17.117	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	68.480%#
32) Benzene-d6	8.205	84	368879	17.890	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	71.560%
36) 1,2-Dichloropropane-d6	9.210	67	130104	19.372	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	77.480%
41) Toluene-d8	10.269	98	319172	17.130	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	68.520%
43) trans-1,3-Dichloroprop...	10.528	79	46554	16.076	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	64.320%
47) 2-Hexanone-d5	10.875	63	36651	30.505	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.020%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	77187	17.346	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	69.400%
66) 1,2-Dichlorobenzene-d4	13.816	152	67273	19.294	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	77.160%
Target Compounds						
					Qvalue	
13) Acetone	4.022	43	3340	1.871	ug/L	59
16) Methylene chloride	4.799	84	14352	2.205	ug/L	87
34) Trichloroethene	8.781	95	11659	2.136	ug/L #	10
35) Methylcyclohexane	9.210	83	28108	2.853	ug/L #	16

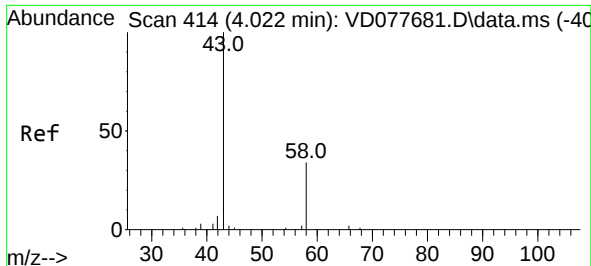
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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#13

Acetone

Concen: 1.871 ug/L

RT: 4.022 min Scan# 414

Delta R.T. 0.000 min

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Instrument :

MSVOA_D

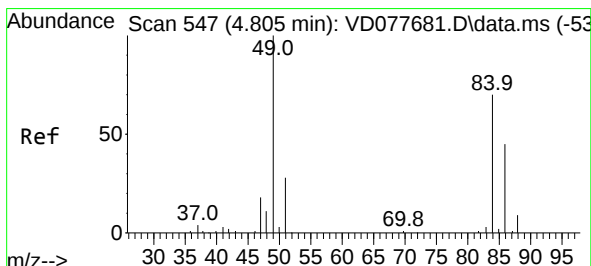
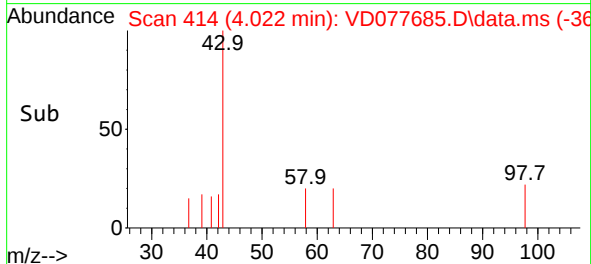
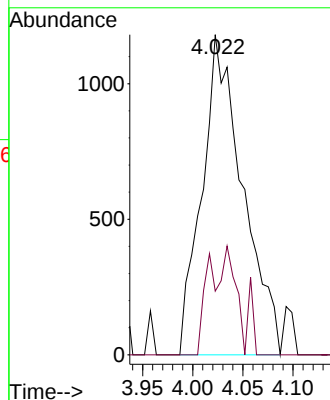
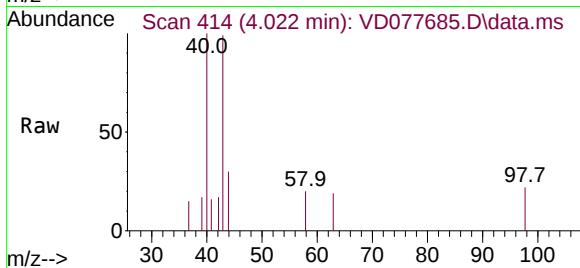
ClientSampleId :

Tgt Ion: 43 Resp: 3340

Ion Ratio Lower Upper

43 100

58 8.9 0.0 64.0



#16

Methylene chloride

Concen: 2.205 ug/L

RT: 4.799 min Scan# 546

Delta R.T. -0.006 min

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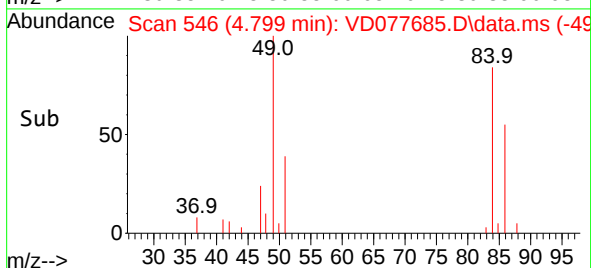
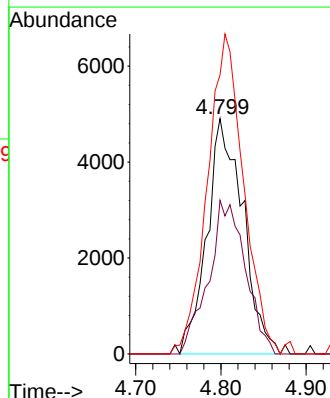
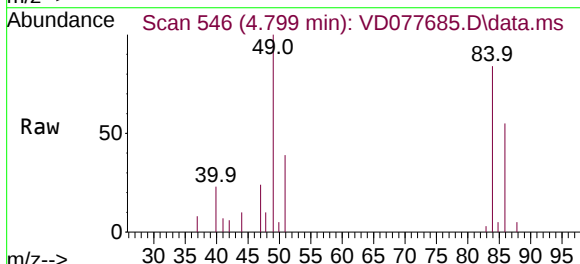
Tgt Ion: 84 Resp: 14352

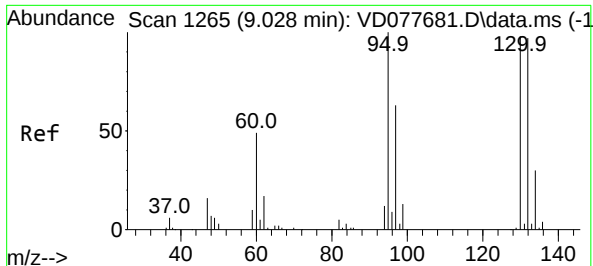
Ion Ratio Lower Upper

84 100

86 65.3 46.5 86.5

49 118.5 98.3 182.7

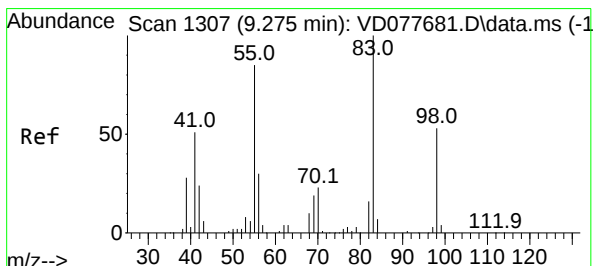
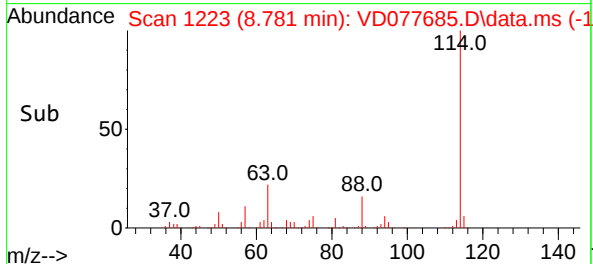
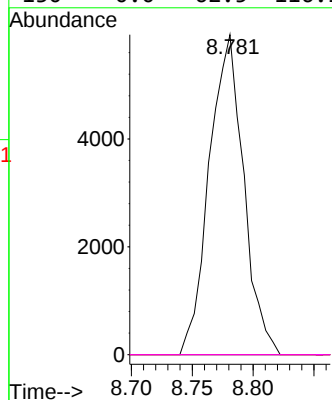
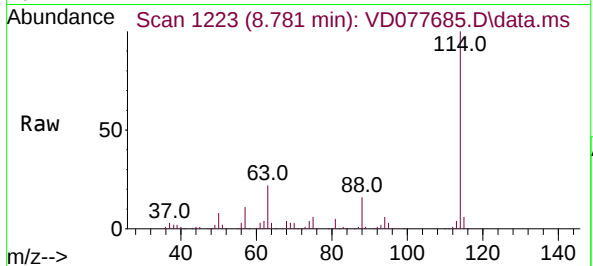




#34
Trichloroethene
Concen: 2.136 ug/L
RT: 8.781 min Scan# 11659
Delta R.T. -0.247 min
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Instrument :
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ClientSampleId :

Tgt Ion:	95	Resp:	11659
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#



#35
Methylcyclohexane
Concen: 2.853 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.065 min
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Tgt Ion:	83	Resp:	28108
Ion	Ratio	Lower	Upper
83	100		
55	0.0	66.5	99.7#
98	0.5	37.4	56.2#

