

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062923\
 Data File : VD076646.D
 Acq On : 29 Jun 2023 18:54
 Operator : KP/SY
 Sample : 03472-11
 Misc : 4.36G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 30 01:16:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 16 01:50:34 2023
 Response via : Initial Calibration

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

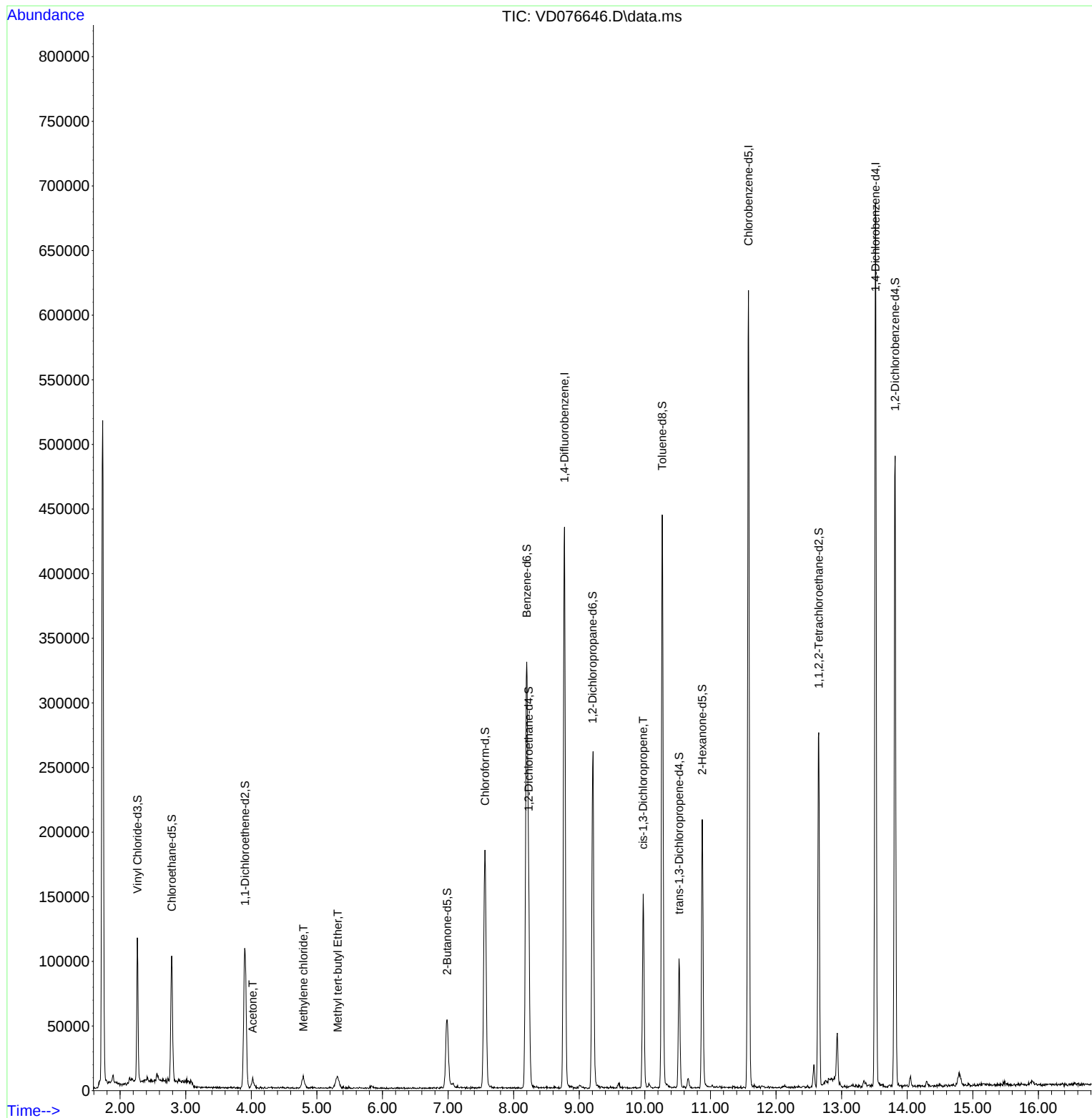
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	377695	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	346794	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	172379	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.263	65	93621	10.178	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	40.720%
7) Chloroethane-d5	2.787	69	98450	13.237	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	52.960%
11) 1,1-Dichloroethene-d2	3.905	65	32596	13.576	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.320%
21) 2-Butanone-d5	6.987	46	96621	69.361	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	138.720%#
24) Chloroform-d	7.563	84	190635	19.158	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	76.640%
26) 1,2-Dichloroethane-d4	8.228	65	115734	23.576	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.320%
32) Benzene-d6	8.198	84	334620	15.773	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	63.080%
36) 1,2-Dichloropropane-d6	9.204	67	122281	18.058	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	72.240%
41) Toluene-d8	10.263	98	303586	15.455	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	61.840%
43) trans-1,3-Dichloroprop...	10.522	79	54420	19.322	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.280%
47) 2-Hexanone-d5	10.875	63	70285	66.866	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	133.740%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	134784	27.978	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.920%
66) 1,2-Dichlorobenzene-d4	13.816	152	126788	20.066	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	80.280%
Target Compounds						
					Qvalue	
13) Acetone	4.022	43	9821	8.729	ug/L	100
16) Methylene chloride	4.793	84	5997	0.914	ug/L #	60
18) Methyl tert-butyl Ether	5.316	73	15395	1.237	ug/L #	90
39) cis-1,3-Dichloropropene	9.975	75	4368	0.457	ug/L	95

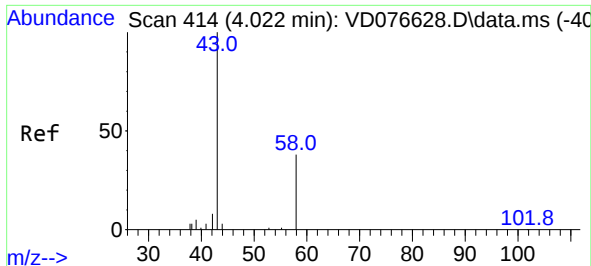
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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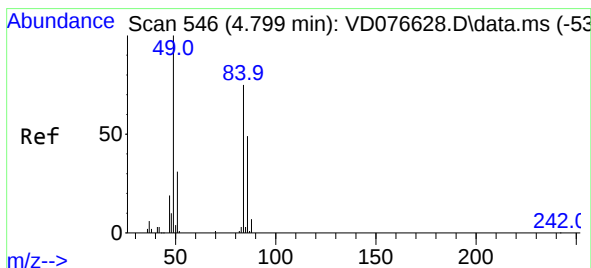
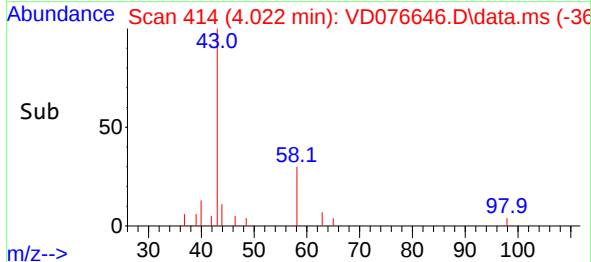
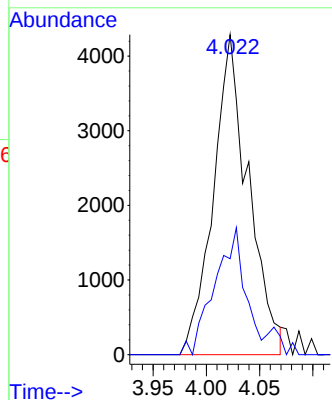
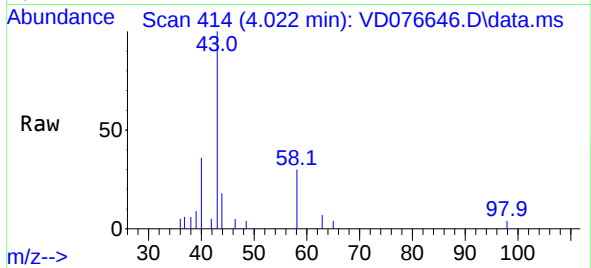




#13
Acetone
Concen: 8.729 ug/L
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD076646.D
Acq: 29 Jun 2023 18:54

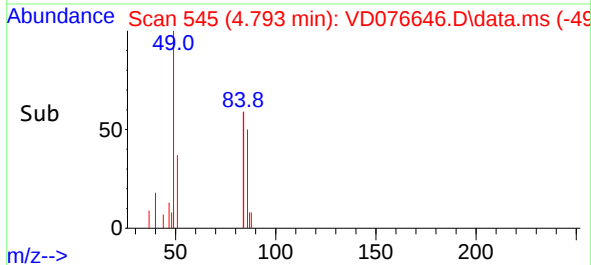
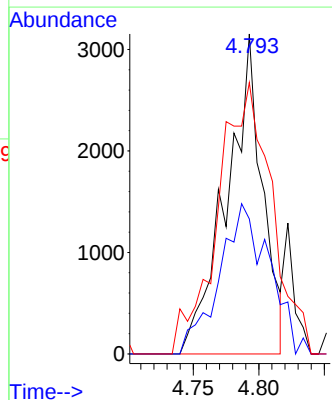
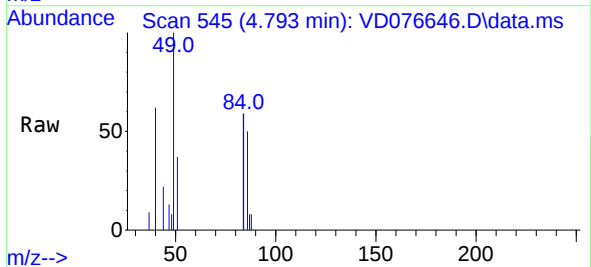
Instrument :
MSVOA_D
ClientSampleId :

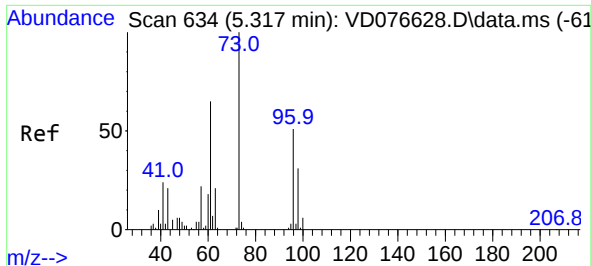
Tgt Ion: 43 Resp: 9821
Ion Ratio Lower Upper
43 100
58 33.8 0.0 67.4



#16
Methylene chloride
Concen: 0.914 ug/L
RT: 4.793 min Scan# 545
Delta R.T. 0.006 min
Lab File: VD076646.D
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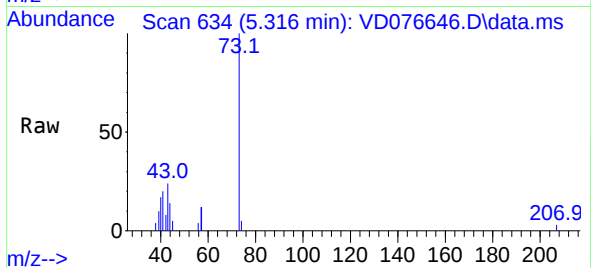
Tgt Ion: 84 Resp: 5997
Ion Ratio Lower Upper
84 100
86 42.2 45.1 83.9#
49 84.8 97.2 180.6#



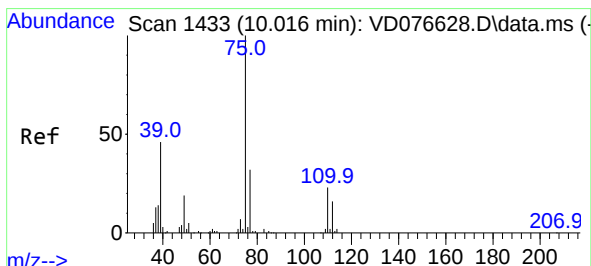
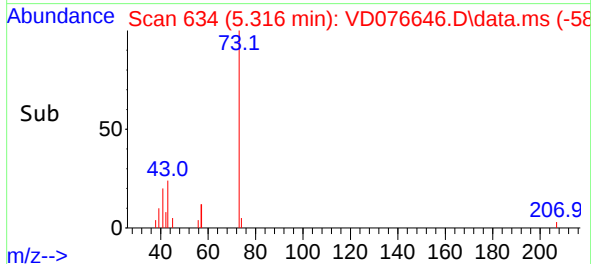
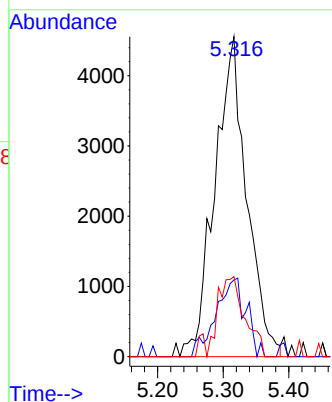


#18
Methyl tert-butyl Ether
Concen: 1.237 ug/L
RT: 5.316 min Scan# 61
Delta R.T. -0.000 min
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Instrument :
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ClientSampleId :



Tgt Ion: 73 Resp: 15395
Ion Ratio Lower Upper
73 100
43 17.1 7.2 10.8#
57 20.9 18.6 28.0



#39
cis-1,3-Dichloropropene
Concen: 0.457 ug/L
RT: 9.975 min Scan# 1426
Delta R.T. -0.041 min
Lab File: VD076646.D
Acq: 29 Jun 2023 18:54

Tgt Ion: 75 Resp: 4368
Ion Ratio Lower Upper
75 100
77 35.2 22.7 42.3

