

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062923\
 Data File : VD076645.D
 Acq On : 29 Jun 2023 18:24
 Operator : KP/SY
 Sample : 03472-10
 Misc : 5.49G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 30 01:16:30 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)

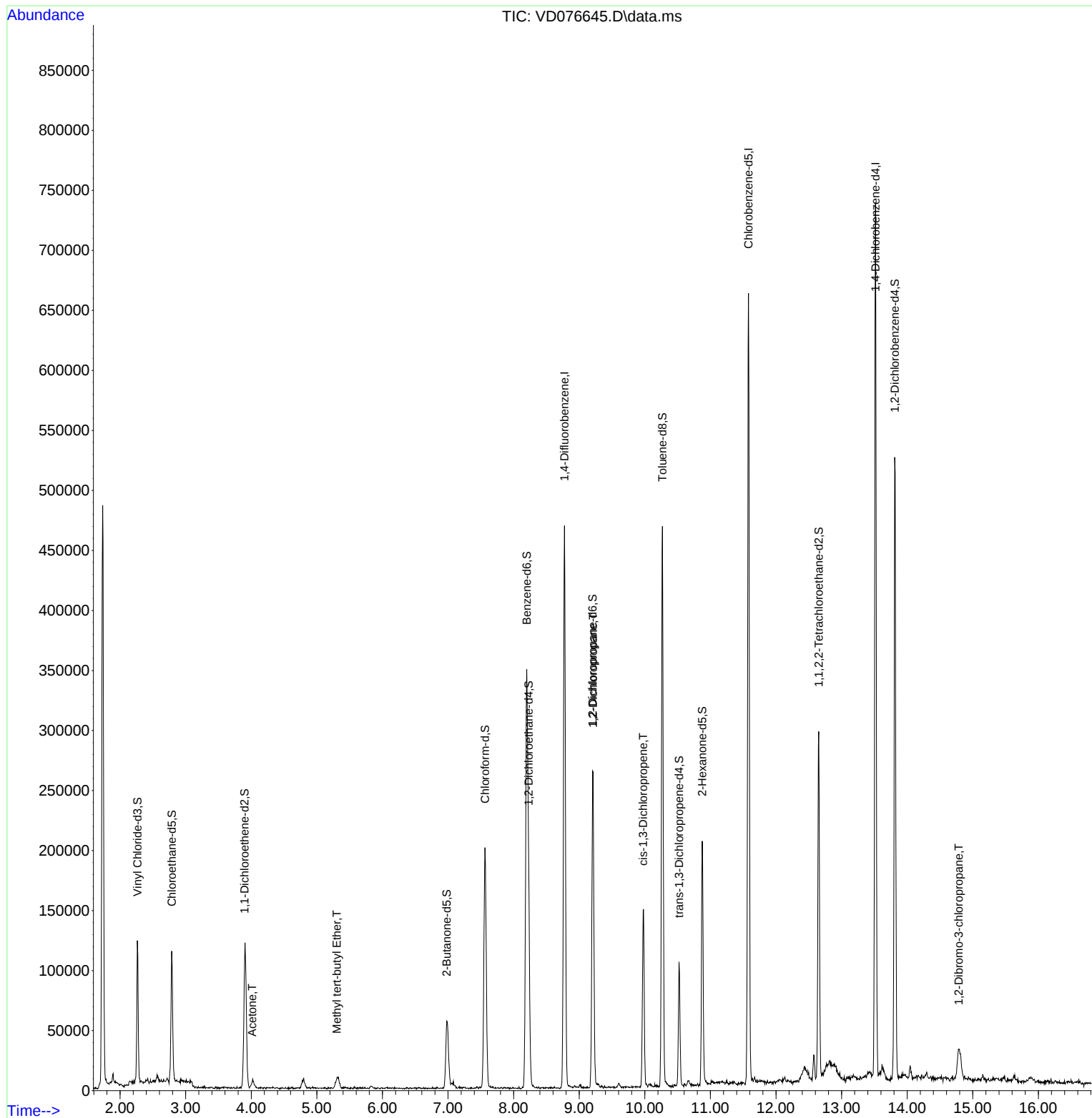
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	404046	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	376060	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	186544	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.264	65	100925	10.257	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	41.040%	
7) Chloroethane-d5	2.787	69	103919	13.061	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	52.240%	
11) 1,1-Dichloroethene-d2	3.899	65	35613	13.866	ug/L	-0.01
Spiked Amount	25.000	Range 45 - 110	Recovery	=	55.480%	
21) 2-Butanone-d5	6.981	46	102481	68.770	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	137.540%#	
24) Chloroform-d	7.563	84	205024	19.260	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	=	77.040%	
26) 1,2-Dichloroethane-d4	8.228	65	121442	23.125	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	=	92.520%	
32) Benzene-d6	8.199	84	353055	15.347	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	=	61.400%	
36) 1,2-Dichloropropane-d6	9.204	67	125925	17.149	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	=	68.600%#	
41) Toluene-d8	10.269	98	317470	14.904	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	=	59.600%	
43) trans-1,3-Dichloroprop...	10.522	79	53644	17.564	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	=	70.240%	
47) 2-Hexanone-d5	10.875	63	70926	62.225	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	124.440%	
56) 1,1,2,2-Tetrachloroeth...	12.651	84	142023	27.186	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	=	108.760%	
66) 1,2-Dichlorobenzene-d4	13.810	152	133883	19.580	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	=	78.320%	
Target Compounds						
					Qvalue	
13) Acetone	4.017	43	4871	4.047	ug/L	61
18) Methyl tert-butyl Ether	5.305	73	10322	0.776	ug/L	96
37) 1,2-Dichloropropane	9.210	63	14778	2.178	ug/L #	88
39) cis-1,3-Dichloropropene	9.975	75	4380	0.423	ug/L #	81
68) 1,2-Dibromo-3-chloropr...	14.787	75	1463	1.813	ug/L #	1

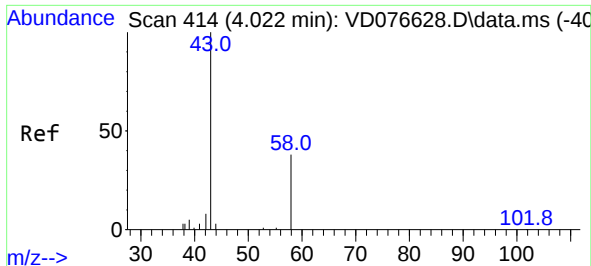
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Jun 16 01:50:34 2023
Response via : Initial Calibration

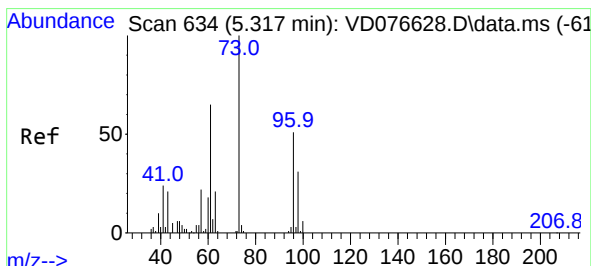
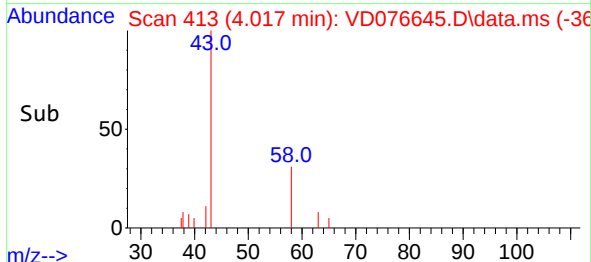
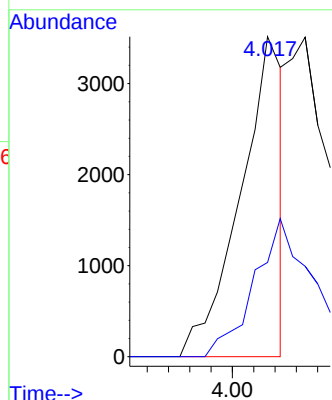
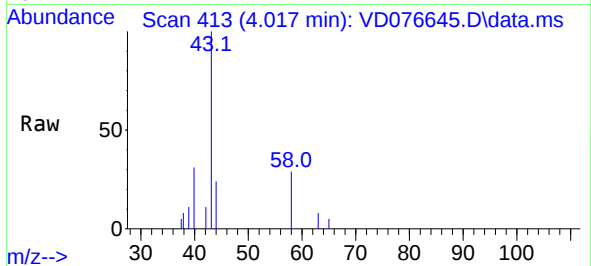




#13
Acetone
Concen: 4.047 ug/L
RT: 4.017 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD076645.D
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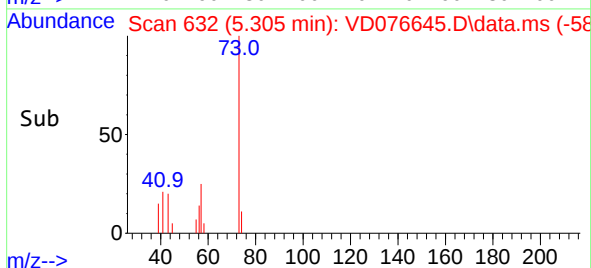
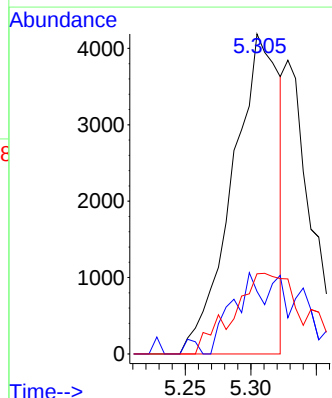
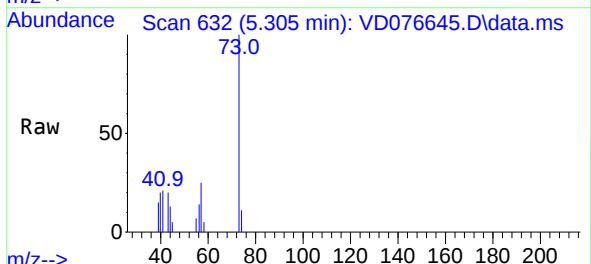
Instrument :
MSVOA_D
ClientSampleId :

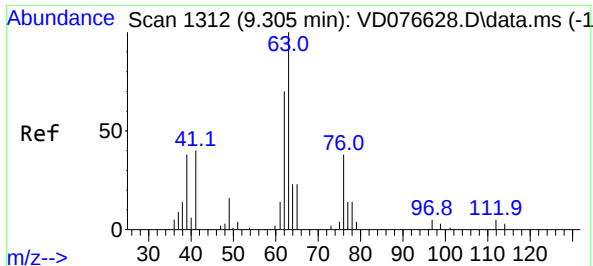
Tgt Ion: 43 Resp: 4871
Ion Ratio Lower Upper
43 100
58 55.8 0.0 67.4



#18
Methyl tert-butyl Ether
Concen: 0.776 ug/L
RT: 5.305 min Scan# 632
Delta R.T. -0.012 min
Lab File: VD076645.D
Acq: 29 Jun 2023 18:24

Tgt Ion: 73 Resp: 10322
Ion Ratio Lower Upper
73 100
43 8.6 7.2 10.8
57 20.9 18.6 28.0

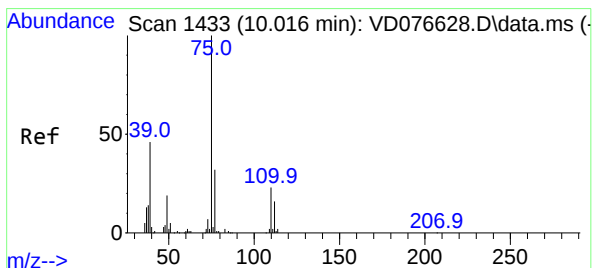
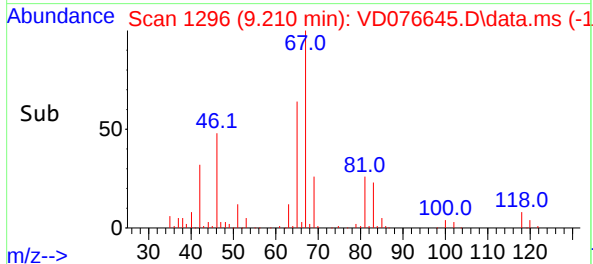
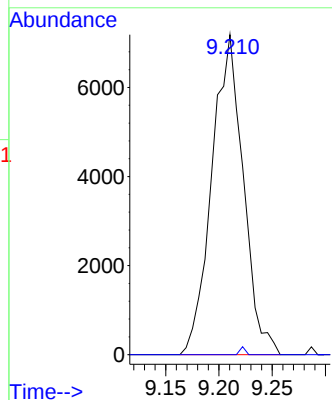
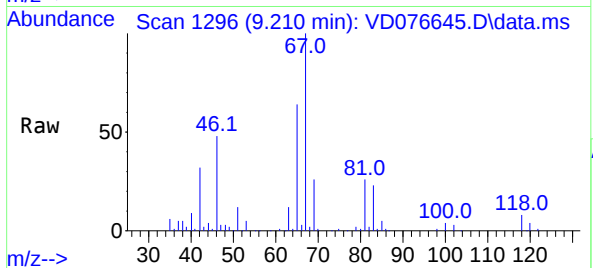




#37
1,2-Dichloropropane
Concen: 2.178 ug/L
RT: 9.210 min Scan# 11
Delta R.T. -0.094 min
Lab File: VD076645.D
Acq: 29 Jun 2023 18:24

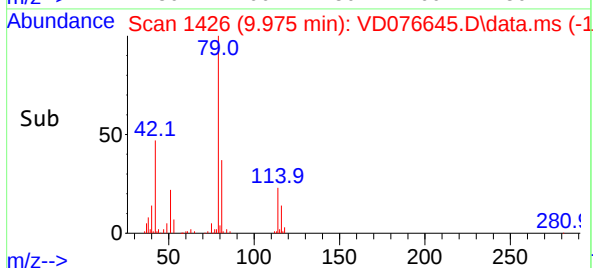
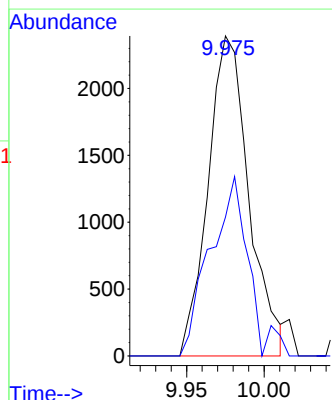
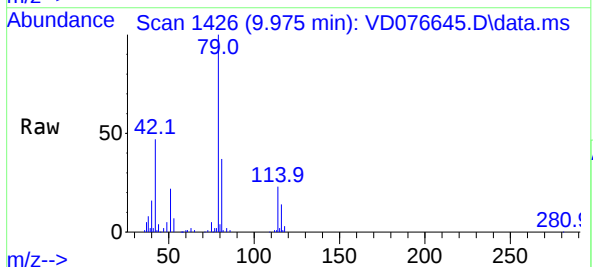
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MSVOA_D
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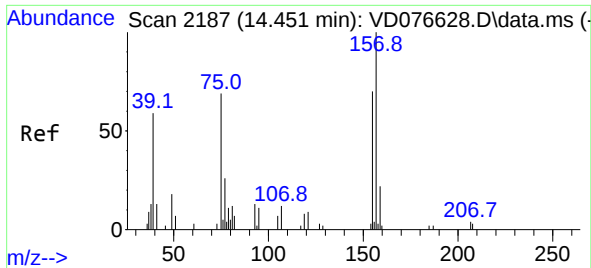
Tgt Ion: 63 Resp: 14778
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



#39
cis-1,3-Dichloropropene
Concen: 0.423 ug/L
RT: 9.975 min Scan# 1426
Delta R.T. -0.041 min
Lab File: VD076645.D
Acq: 29 Jun 2023 18:24

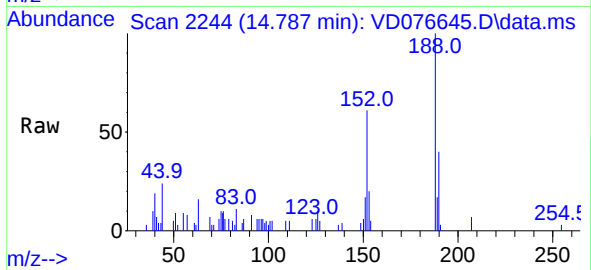
Tgt Ion: 75 Resp: 4380
Ion Ratio Lower Upper
75 100
77 43.4 22.7 42.3#





#68
1,2-Dibromo-3-chloropropane
Concen: 1.813 ug/L
RT: 14.787 min Scan# 21
Delta R.T. 0.341 min
Lab File: VD076645.D
Acq: 29 Jun 2023 18:24

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 75 Resp: 1463
Ion Ratio Lower Upper
75 100
155 0.0 76.2 114.4#
157 0.0 89.4 134.2#

