

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062723\
 Data File : VD076592.D
 Acq On : 27 Jun 2023 14:36
 Operator : KP/SY
 Sample : 03422-02
 Misc : 5.50G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A46J1

Quant Time: Jun 28 05:05:18 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)

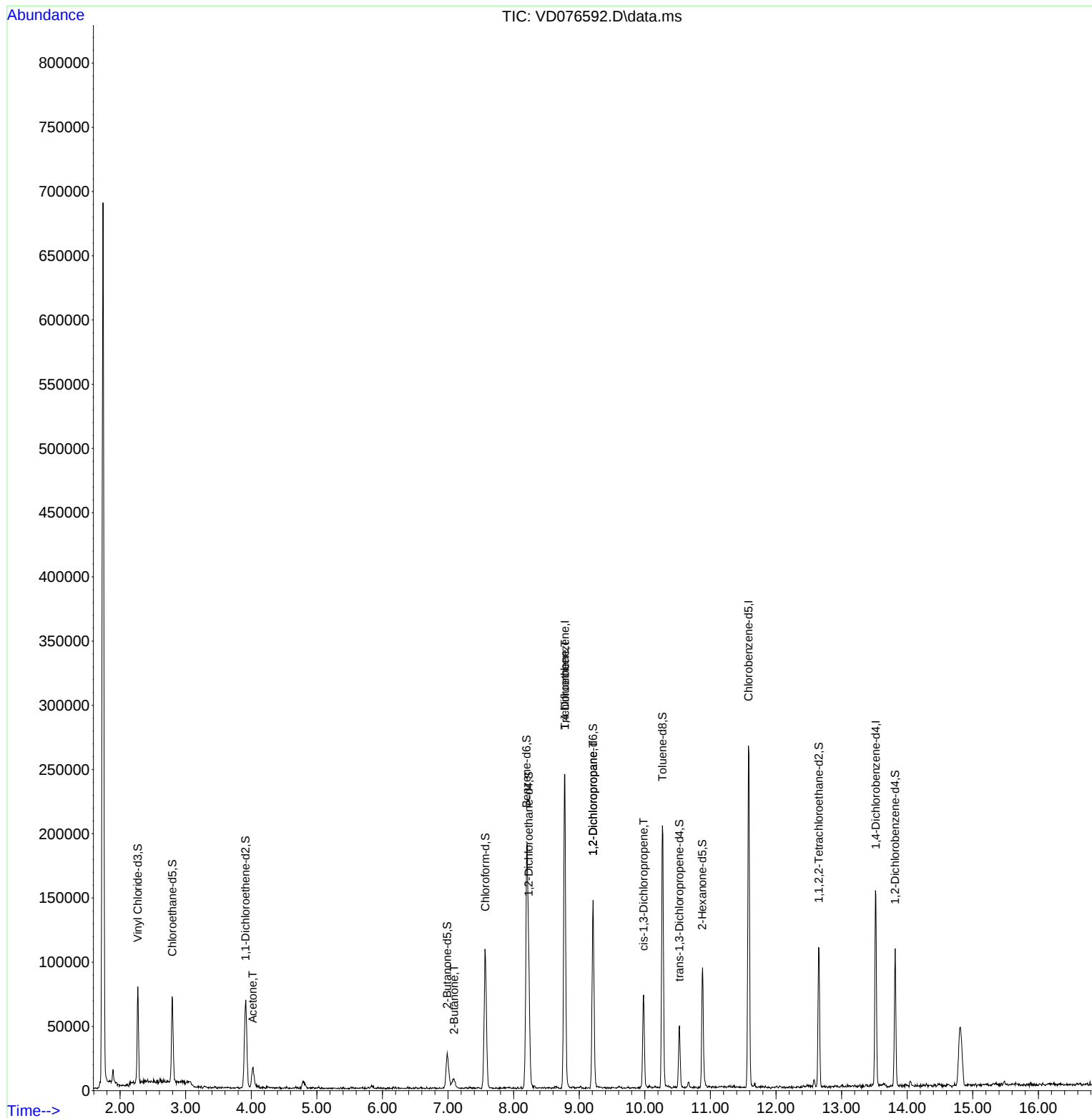
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	215317	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	153238	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	39608	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	63895	12.185	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	48.760%
7) Chloroethane-d5	2.799	69	62069	14.639	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.560%
11) 1,1-Dichloroethene-d2	3.911	65	19516	14.258	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.040%
21) 2-Butanone-d5	6.987	46	48165	60.651	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.300%
24) Chloroform-d	7.569	84	104704	18.457	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	73.840%
26) 1,2-Dichloroethane-d4	8.228	65	59841	21.383	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.520%
32) Benzene-d6	8.199	84	187424	19.994	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.960%
36) 1,2-Dichloropropane-d6	9.210	67	69982	23.389	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.560%
41) Toluene-d8	10.269	98	146475	16.876	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	67.520%
43) trans-1,3-Dichloroprop...	10.528	79	26092	20.966	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.880%
47) 2-Hexanone-d5	10.875	63	31171	67.112	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	134.220%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	54805	25.745	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.000%
66) 1,2-Dichlorobenzene-d4	13.816	152	26097	17.976	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	71.920%#
Target Compounds						
					Qvalue	
13) Acetone	4.022	43	27216	42.431	ug/L	98
22) 2-Butanone	7.093	43	12130	11.719	ug/L #	72
34) Trichloroethene	8.781	95	5704	2.189	ug/L #	4
37) 1,2-Dichloropropane	9.210	63	7534	2.725	ug/L #	88
39) cis-1,3-Dichloropropene	9.981	75	2193	0.519	ug/L	96

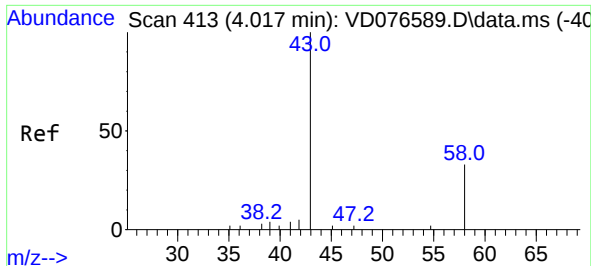
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#13

Acetone

Concen: 42.431 ug/L

RT: 4.022 min Scan# 41

Delta R.T. 0.000 min

Lab File: VD076592.D

Acq: 27 Jun 2023 14:36

Instrument :

MSVOA_D

ClientSampleId :

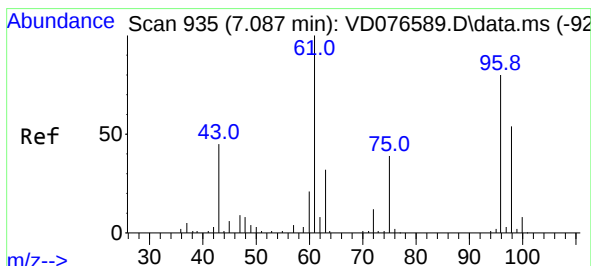
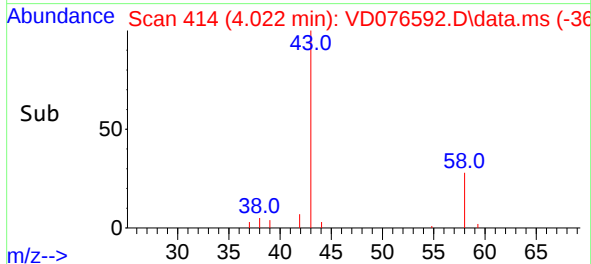
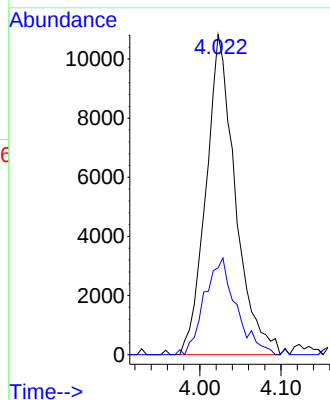
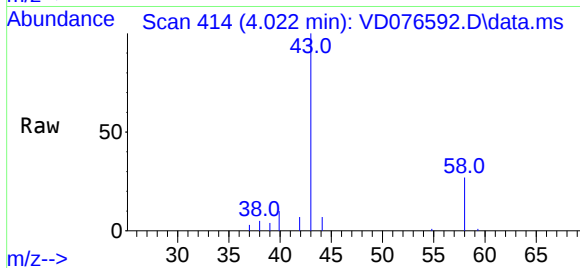
A46J1

Tgt Ion: 43 Resp: 27216

Ion Ratio Lower Upper

43 100

58 32.4 0.0 67.4



#22

2-Butanone

Concen: 11.719 ug/L

RT: 7.093 min Scan# 936

Delta R.T. 0.012 min

Lab File: VD076592.D

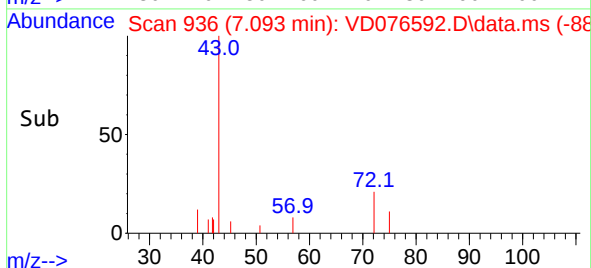
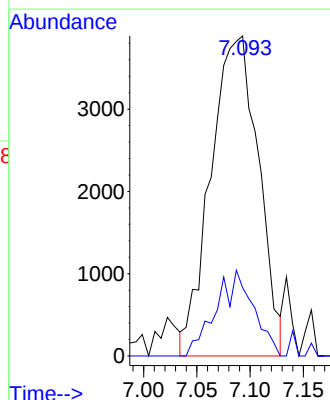
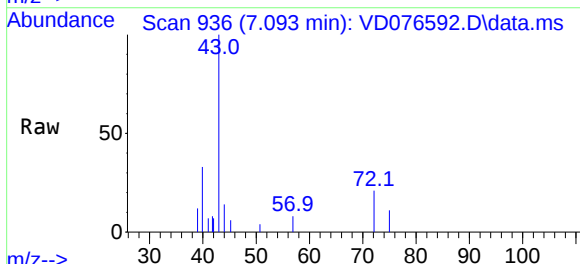
Acq: 27 Jun 2023 14:36

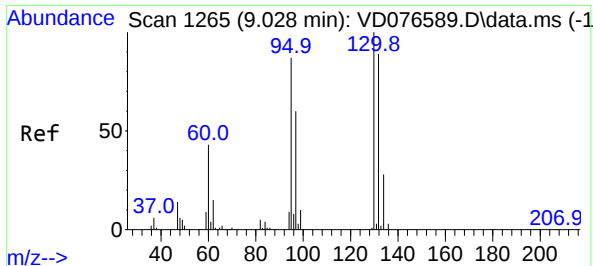
Tgt Ion: 43 Resp: 12130

Ion Ratio Lower Upper

43 100

72 11.4 12.9 38.7#



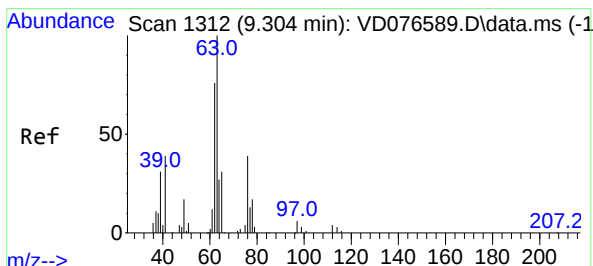
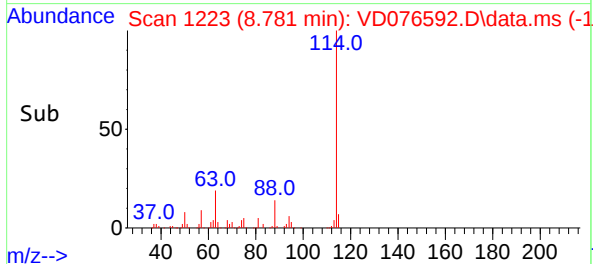
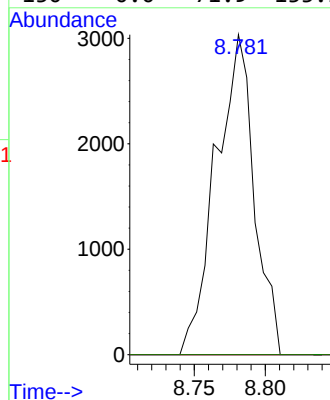
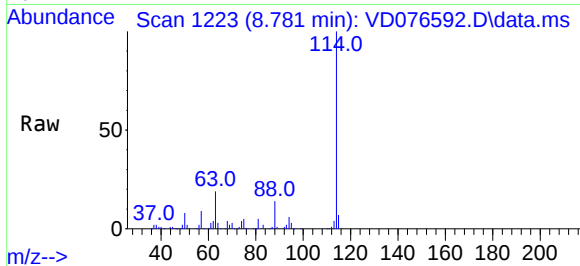


#34
Trichloroethene
Concen: 2.189 ug/L
RT: 8.781 min Scan# 11
Delta R.T. -0.247 min
Lab File: VD076592.D
Acq: 27 Jun 2023 14:36

Instrument :
MSVOA_D
ClientSampleId :
A46J1

Tgt Ion: 95 Resp: 5704

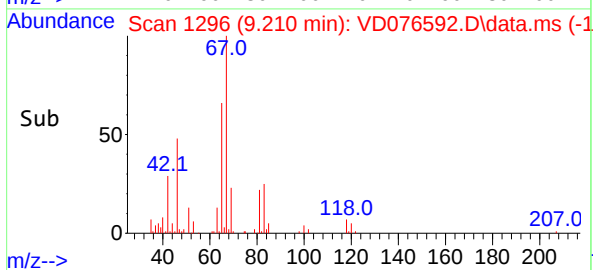
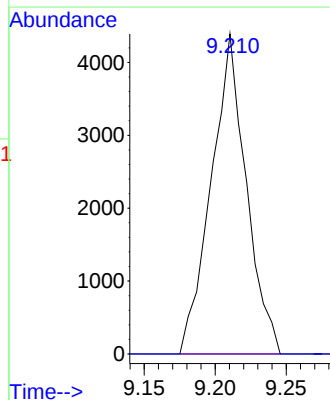
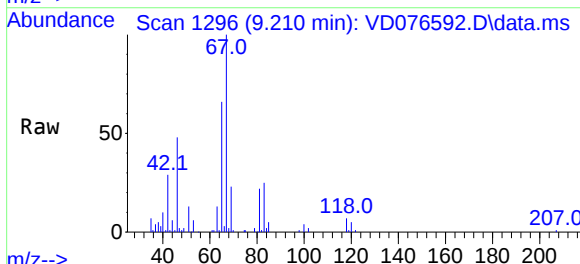
Ion	Ratio	Lower	Upper
95	100		
97	0.0	43.1	80.1#
132	0.0	71.8	133.4#
130	0.0	71.9	133.5#

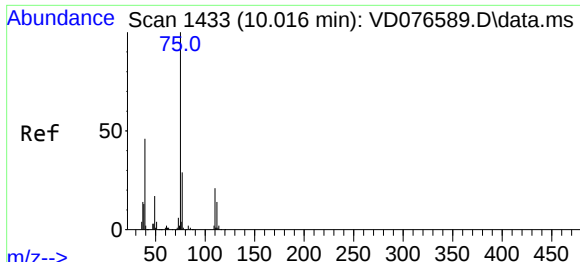


#37
1,2-Dichloropropane
Concen: 2.725 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.094 min
Lab File: VD076592.D
Acq: 27 Jun 2023 14:36

Tgt Ion: 63 Resp: 7534

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#





#39
cis-1,3-Dichloropropene
Concen: 0.519 ug/L
RT: 9.981 min Scan# 14
Delta R.T. -0.035 min
Lab File: VD076592.D
Acq: 27 Jun 2023 14:36

Instrument :
MSVOA_D
ClientSampleId :
A46J1

Tgt Ion:	75	Resp:	2193
Ion Ratio	Lower	Upper	
75	100		
77	35.0	22.7	42.3

