

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062723\
 Data File : VD076604.D
 Acq On : 27 Jun 2023 20:27
 Operator : KP/SY
 Sample : 03422-19
 Misc : 4.42G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A46L6

Quant Time: Jun 28 05:06:42 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

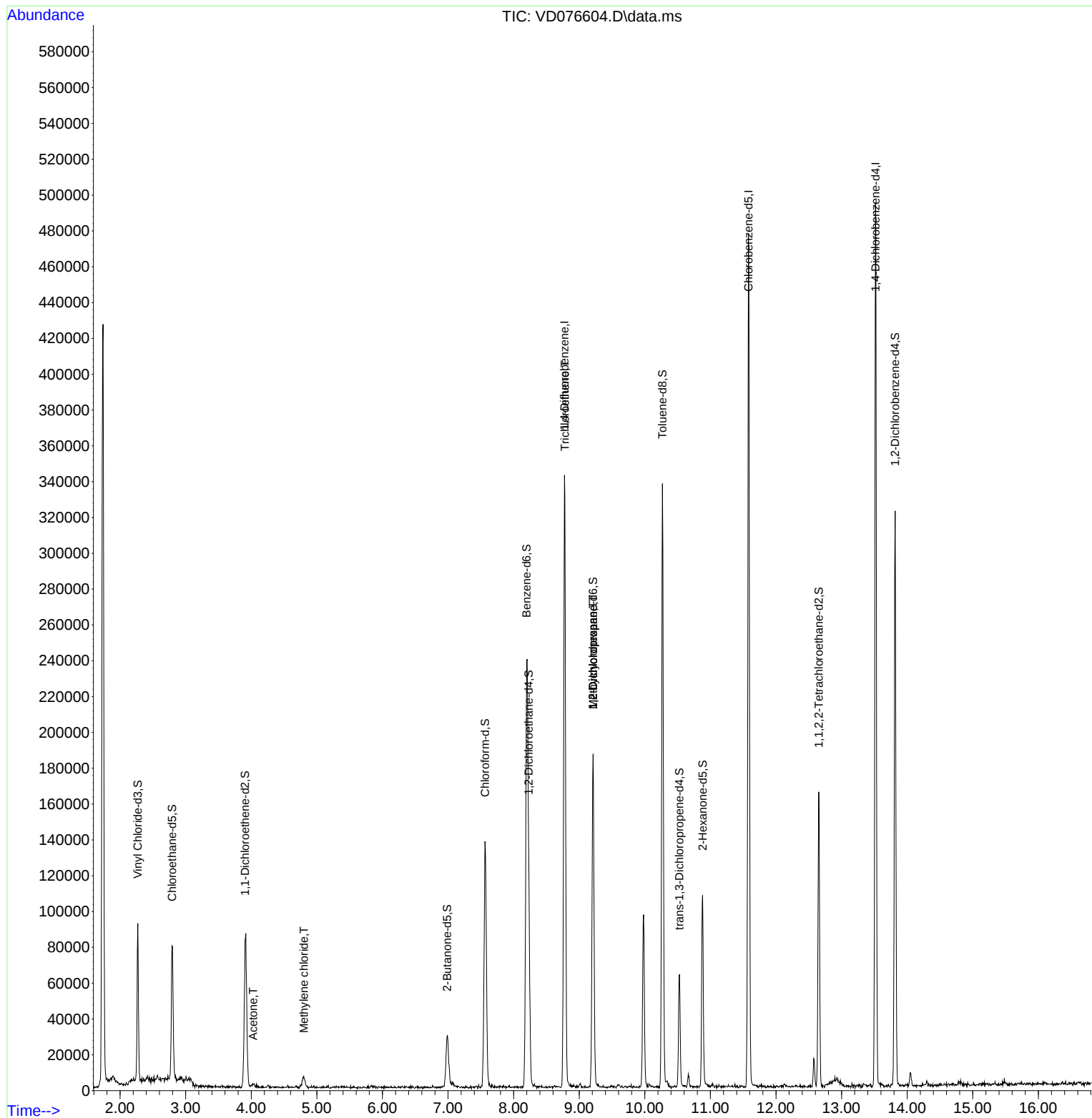
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	294207	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	265933	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	128893	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	72722	10.150	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	40.600%
7) Chloroethane-d5	2.793	69	77086	13.306	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	53.240%
11) 1,1-Dichloroethene-d2	3.905	65	24522	13.112	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.440%
21) 2-Butanone-d5	6.987	46	53532	49.334	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.660%
24) Chloroform-d	7.563	84	134719	17.380	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	69.520%
26) 1,2-Dichloroethane-d4	8.228	65	72405	18.935	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	75.760%
32) Benzene-d6	8.199	84	252375	15.514	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	62.040%
36) 1,2-Dichloropropane-d6	9.210	67	89404	17.218	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	68.880%#
41) Toluene-d8	10.269	98	226400	15.030	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	60.120%
43) trans-1,3-Dichloroprop...	10.528	79	34717	16.074	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	64.280%
47) 2-Hexanone-d5	10.881	63	39776	49.347	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.700%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	82046	22.209	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.840%
66) 1,2-Dichlorobenzene-d4	13.816	152	81945	17.345	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	69.360%#
Target Compounds						
13) Acetone	4.028	43	1952	2.227	ug/L	63
16) Methylene chloride	4.805	84	3119	0.610	ug/L	79
34) Trichloroethene	8.781	95	8738	1.933	ug/L #	4
35) Methylcyclohexane	9.210	83	20851	2.860	ug/L #	19
37) 1,2-Dichloropropane	9.210	63	10710	2.232	ug/L #	88

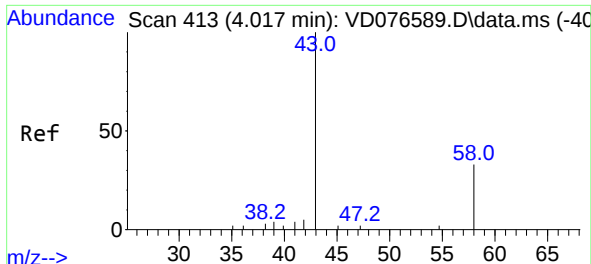
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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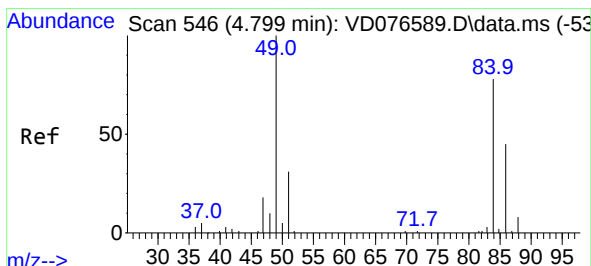
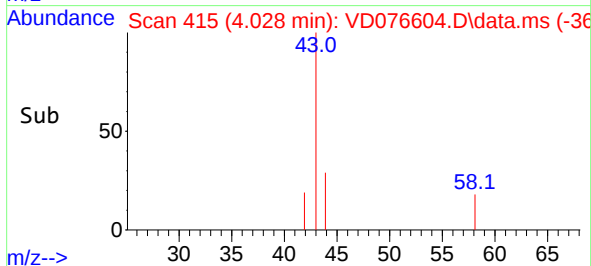
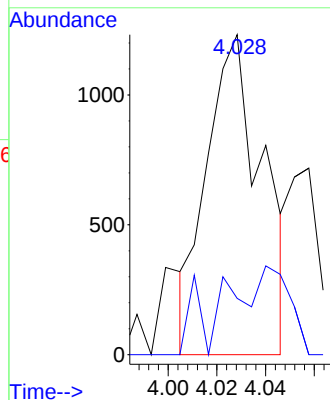
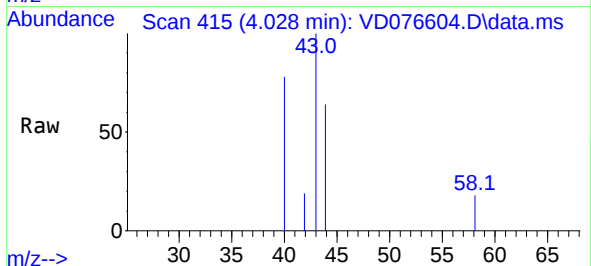




#13
Acetone
Concen: 2.227 ug/L
RT: 4.028 min Scan# 413
Delta R.T. 0.006 min
Lab File: VD076604.D
Acq: 27 Jun 2023 20:27

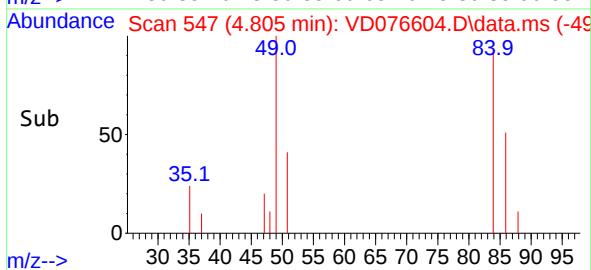
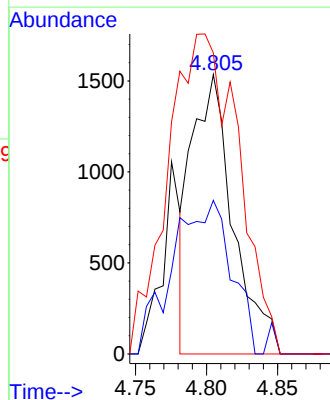
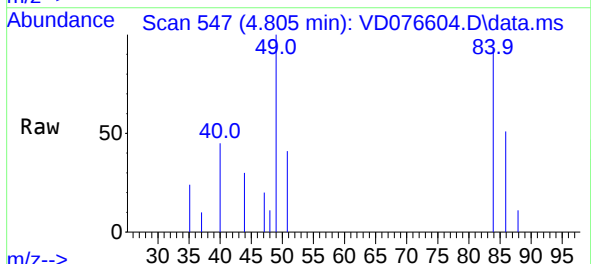
Instrument :
MSVOA_D
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A46L6

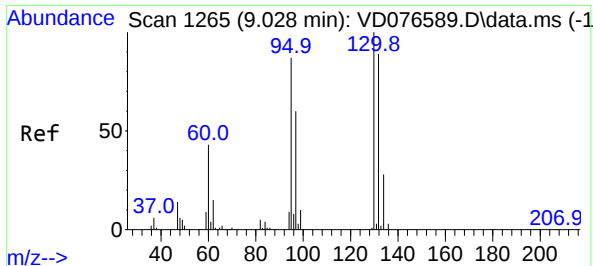
Tgt Ion: 43 Resp: 1952
Ion Ratio Lower Upper
43 100
58 12.7 0.0 67.4



#16
Methylene chloride
Concen: 0.610 ug/L
RT: 4.805 min Scan# 547
Delta R.T. 0.018 min
Lab File: VD076604.D
Acq: 27 Jun 2023 20:27

Tgt Ion: 84 Resp: 3119
Ion Ratio Lower Upper
84 100
86 55.0 45.1 83.9
49 107.8 97.2 180.6



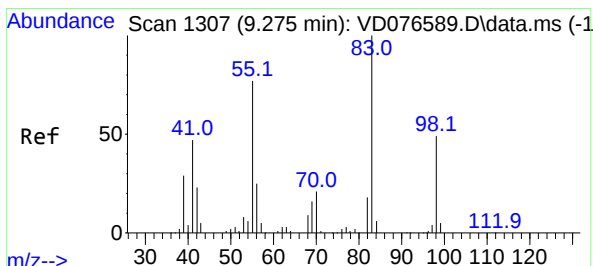
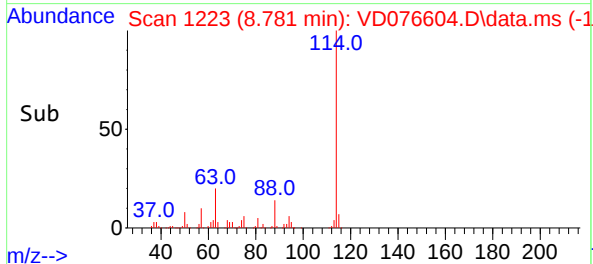
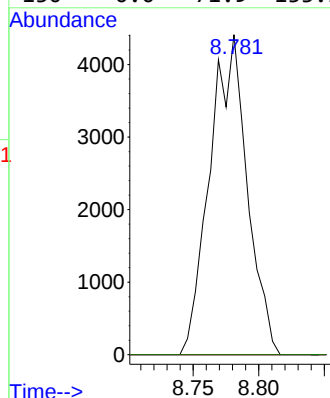
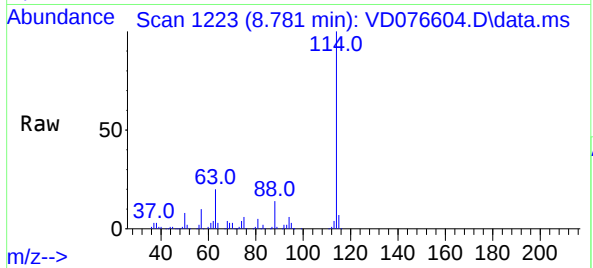


#34
Trichloroethene
Concen: 1.933 ug/L
RT: 8.781 min Scan# 11
Delta R.T. -0.247 min
Lab File: VD076604.D
Acq: 27 Jun 2023 20:27

Instrument :
MSVOA_D
ClientSampleId :
A46L6

Tgt Ion: 95 Resp: 8738

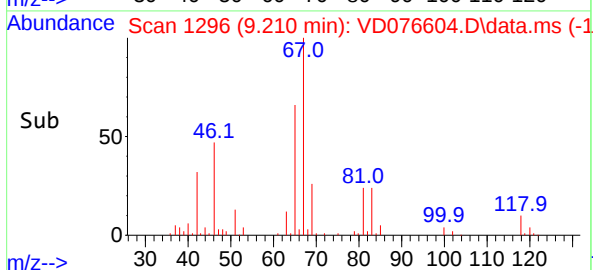
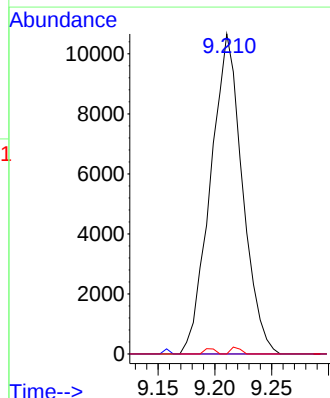
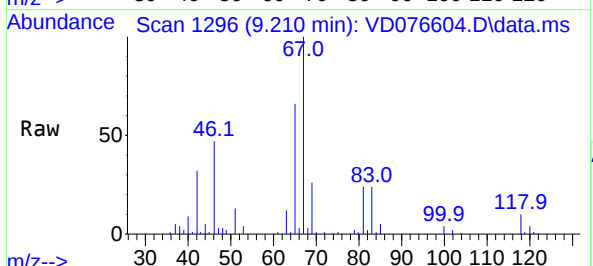
Ion	Ratio	Lower	Upper
95	100		
97	0.0	43.1	80.1#
132	0.0	71.8	133.4#
130	0.0	71.9	133.5#

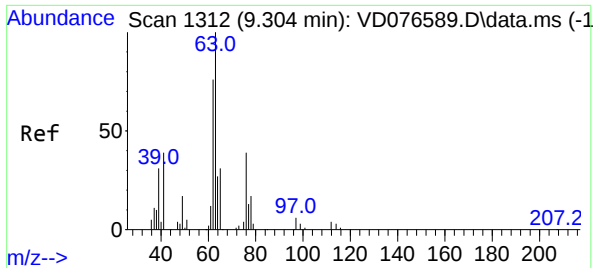


#35
Methylcyclohexane
Concen: 2.860 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.059 min
Lab File: VD076604.D
Acq: 27 Jun 2023 20:27

Tgt Ion: 83 Resp: 20851

Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.8	89.6#
98	0.7	37.8	56.6#





1,2-Dichloropropane
Concen: 2.232 ug/L
RT: 9.210 min Scan# 11
Delta R.T. -0.094 min
Lab File: VD076604.D
Acq: 27 Jun 2023 20:27

Instrument :
MSVOA_D
ClientSampleId :
A46L6

Tgt Ion: 63 Resp: 10710
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#

