

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062723\
 Data File : VD076600.D
 Acq On : 27 Jun 2023 18:31
 Operator : KP/SY
 Sample : 03422-15
 Misc : 5.23G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A46K9

Quant Time: Jun 28 05:06:15 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

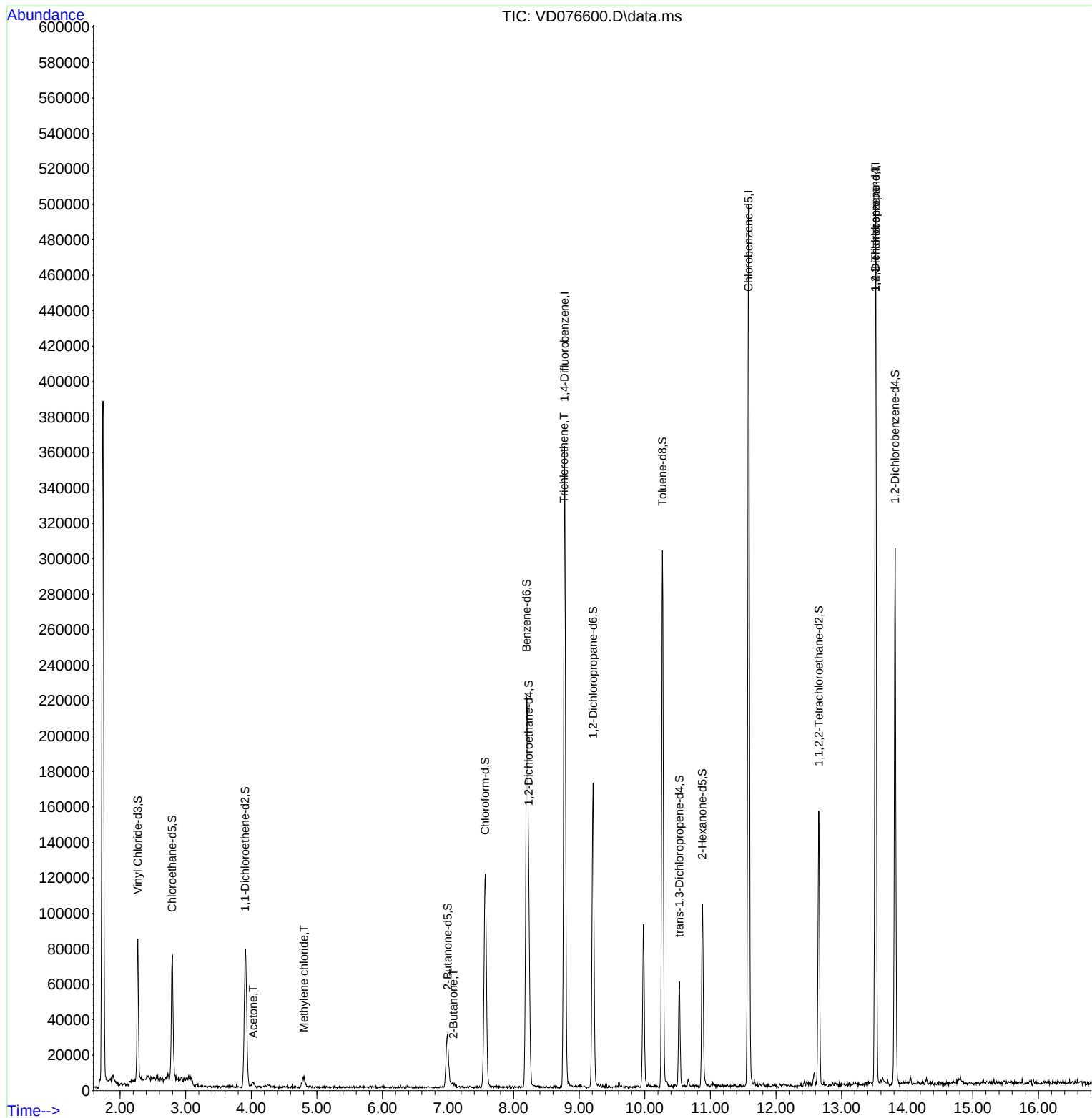
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	304652	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	279454	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	128430	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	70914	9.558	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	38.240%
7) Chloroethane-d5	2.793	69	69674	11.614	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	46.440%
11) 1,1-Dichloroethene-d2	3.905	65	23068	11.911	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	47.640%
21) 2-Butanone-d5	6.993	46	51137	45.511	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.020%
24) Chloroform-d	7.563	84	123140	15.342	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	61.360%
26) 1,2-Dichloroethane-d4	8.228	65	68996	17.425	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	69.680%#
32) Benzene-d6	8.199	84	229556	13.428	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	53.720%
36) 1,2-Dichloropropane-d6	9.210	67	82279	15.079	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	60.320%#
41) Toluene-d8	10.269	98	202773	12.810	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	51.240%
43) trans-1,3-Dichloroprop...	10.528	79	31195	13.745	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	54.960%
47) 2-Hexanone-d5	10.875	63	35284	41.657	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.320%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	76887	19.806	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.240%
66) 1,2-Dichlorobenzene-d4	13.816	152	75424	16.022	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	64.080%#
Target Compounds						
13) Acetone	4.028	43	5936	6.541	ug/L	72
16) Methylene chloride	4.805	84	3401	0.642	ug/L #	58
22) 2-Butanone	7.081	43	1512	1.032	ug/L #	49
34) Trichloroethene	8.769	95	4607	0.970	ug/L #	4
61) 1,2,3-Trichloropropane	13.516	75	17911	7.186	ug/L #	67

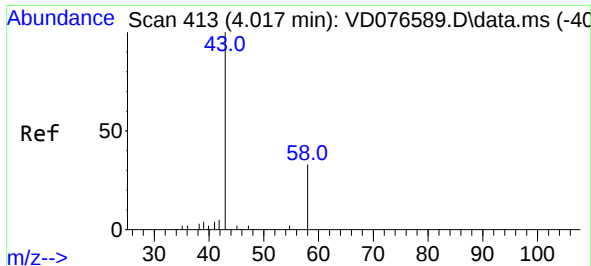
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.541 ug/L

RT: 4.028 min Scan# 413

Delta R.T. 0.006 min

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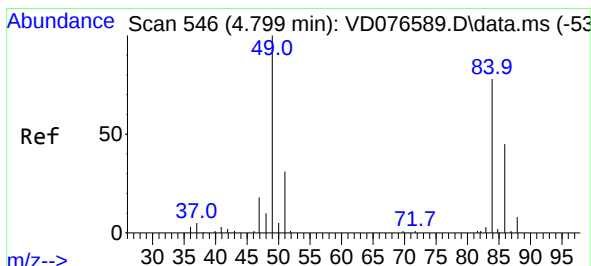
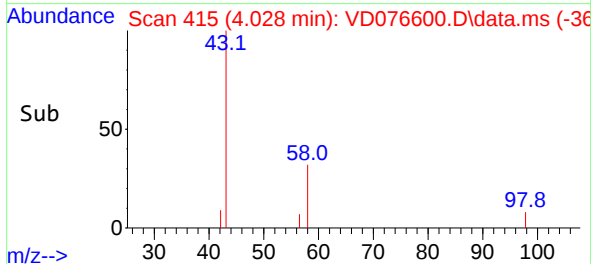
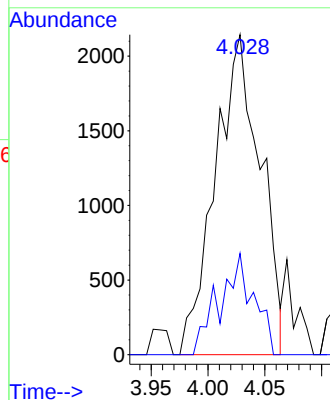
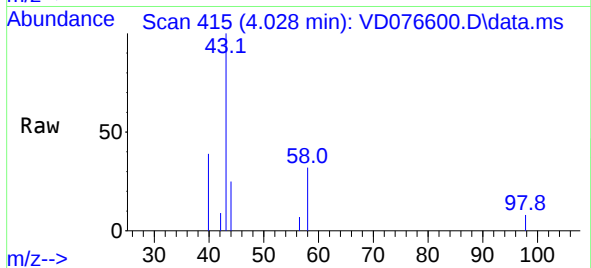
A46K9

Tgt Ion: 43 Resp: 5936

Ion Ratio Lower Upper

43 100

58 17.7 0.0 67.4



#16

Methylene chloride

Concen: 0.642 ug/L

RT: 4.805 min Scan# 547

Delta R.T. 0.018 min

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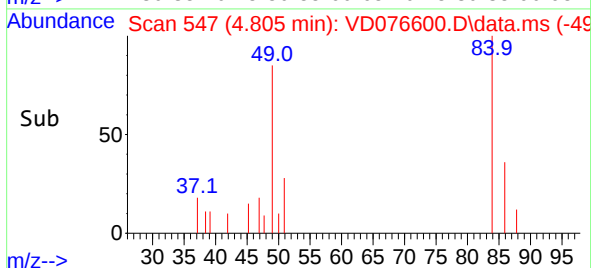
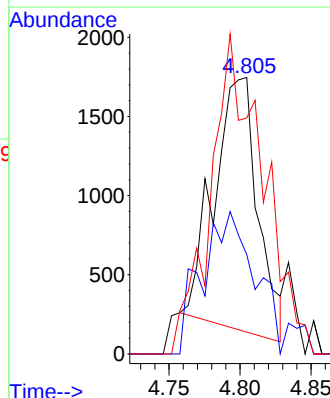
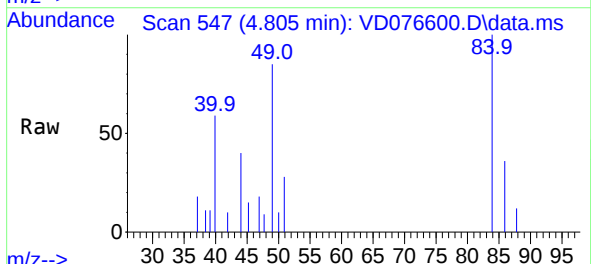
Tgt Ion: 84 Resp: 3401

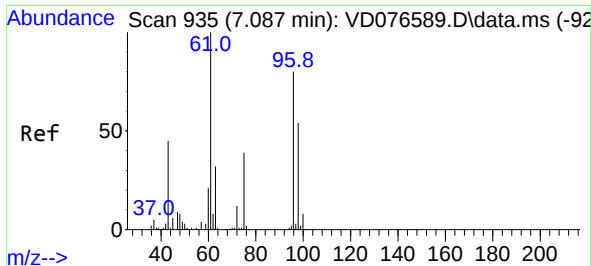
Ion Ratio Lower Upper

84 100

86 35.9 45.1 83.9#

49 85.3 97.2 180.6#

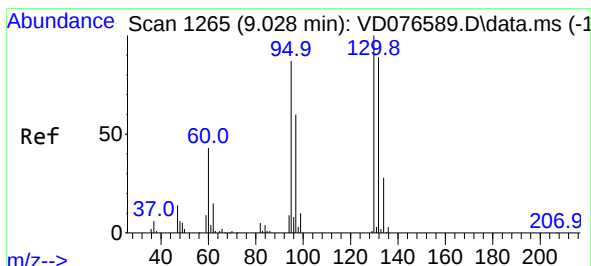
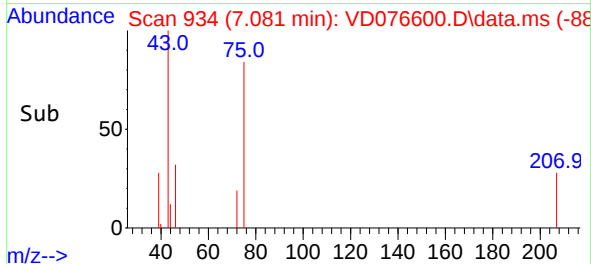
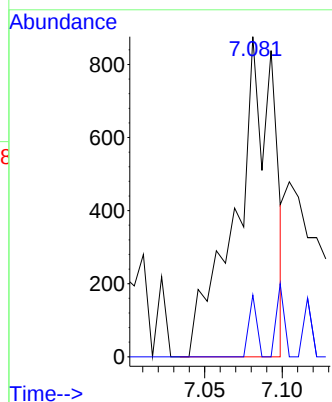
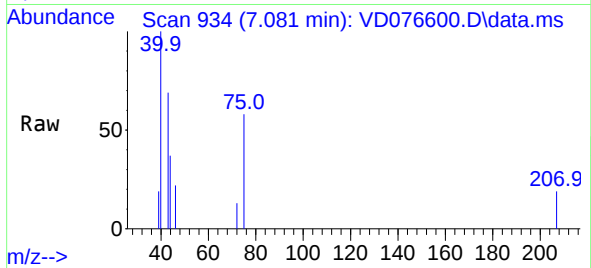




#22
2-Butanone
Concen: 1.032 ug/L
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
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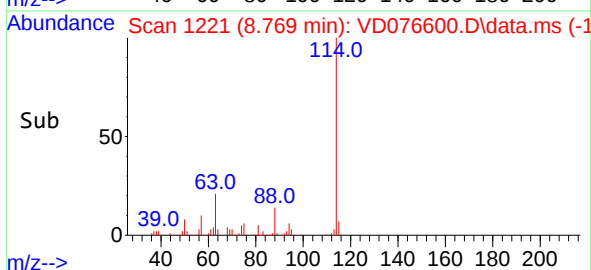
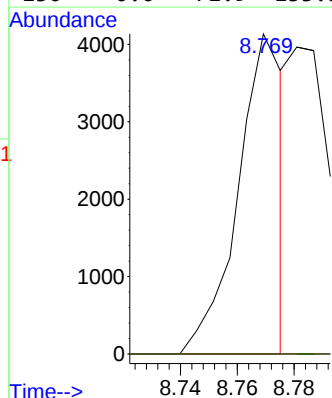
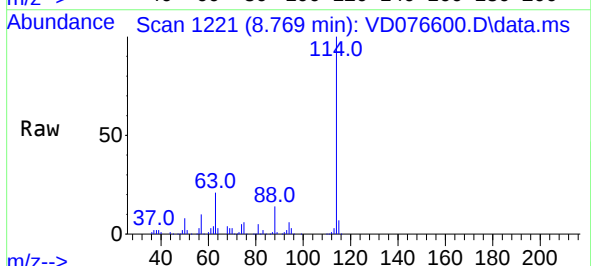
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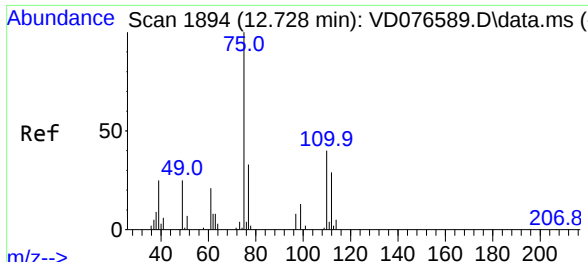
Tgt Ion: 43 Resp: 1512
Ion Ratio Lower Upper
43 100
72 0.0 12.9 38.7#



#34
Trichloroethene
Concen: 0.970 ug/L
RT: 8.769 min Scan# 1221
Delta R.T. -0.259 min
Lab File: VD076600.D
Acq: 27 Jun 2023 18:31

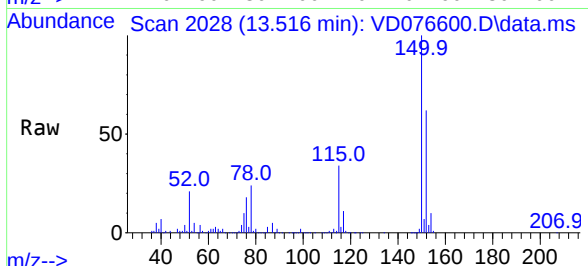
Tgt Ion: 95 Resp: 4607
Ion Ratio Lower Upper
95 100
97 0.0 43.1 80.1#
132 0.0 71.8 133.4#
130 0.0 71.9 133.5#





#61
 1,2,3-Trichloropropane
 Concen: 7.186 ug/L
 RT: 13.516 min Scan# 20
 Delta R.T. 0.788 min
 Lab File: VD076600.D
 Acq: 27 Jun 2023 18:31

Instrument :
 MSVOA_D
 ClientSampleId :
 A46K9



Tgt Ion:	75	Resp:	17911
Ion	Ratio	Lower	Upper
75	100		
77	32.9	27.2	40.8
110	2.7	31.8	47.6#

