

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061523\
 Data File : VD076448.D
 Acq On : 15 Jun 2023 20:07
 Operator : KP/SY
 Sample : 03236-18
 Misc : 5.77G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

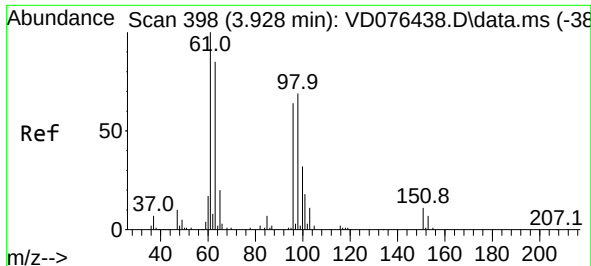
Instrument :
 MSVOA_D
 ClientSampleId :
 YBW26

Quant Time: Jun 16 02:01:20 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	216261	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	190052	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	77064	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	74513	14.148	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	56.600%
7) Chloroethane-d5	2.793	69	73453	17.249	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.000%
11) 1,1-Dichloroethene-d2	3.905	65	22010	16.010	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.040%
21) 2-Butanone-d5	6.987	46	54033	67.743	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	135.480%#
24) Chloroform-d	7.563	84	119553	20.983	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.920%
26) 1,2-Dichloroethane-d4	8.228	65	65345	23.248	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.000%
32) Benzene-d6	8.199	84	228451	19.650	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.600%
36) 1,2-Dichloropropane-d6	9.210	67	84753	22.839	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.360%
41) Toluene-d8	10.269	98	200496	18.625	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.520%
43) trans-1,3-Dichloroprop...	10.522	79	31979	20.718	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.880%
47) 2-Hexanone-d5	10.875	63	38030	66.019	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	132.040%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	77490	29.351	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	117.400%
66) 1,2-Dichlorobenzene-d4	13.816	152	60278	21.339	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.360%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	3.917	96	3277	1.168	ug/L	# 1
16) Methylene chloride	4.805	84	9551	2.541	ug/L	77
34) Trichloroethene	9.022	95	19734	6.107	ug/L	86
46) Tetrachloroethene	10.810	164	7169	2.822	ug/L	87
51) Chlorobenzene	11.604	112	4105	0.489	ug/L	90

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



#12

1,1-Dichloroethene

Concen: 1.168 ug/L

RT: 3.917 min Scan# 396

Delta R.T. -0.012 min

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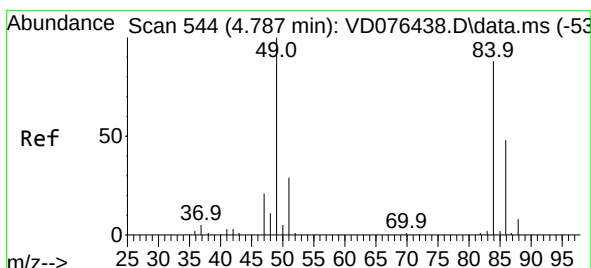
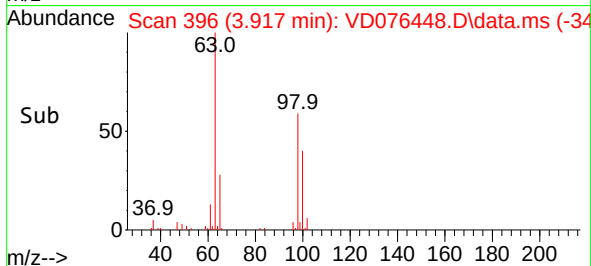
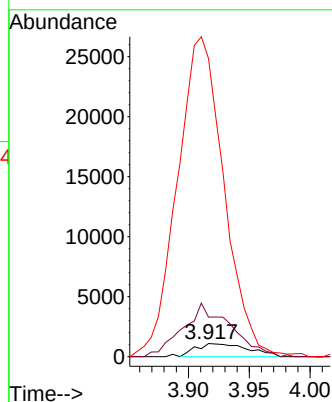
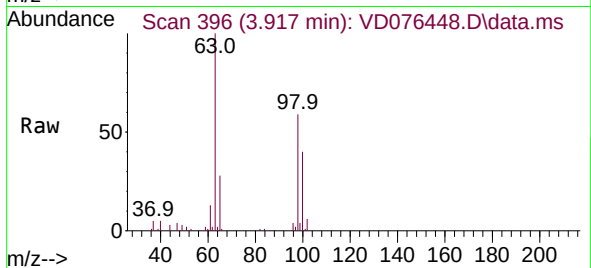
MSVOA_D

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Tgt Ion: 96 Resp: 3277

Ion	Ratio	Lower	Upper
96	100		
61	300.6	113.0	209.8#
63	2266.4	83.6	155.2#



#16

Methylene chloride

Concen: 2.541 ug/L

RT: 4.805 min Scan# 547

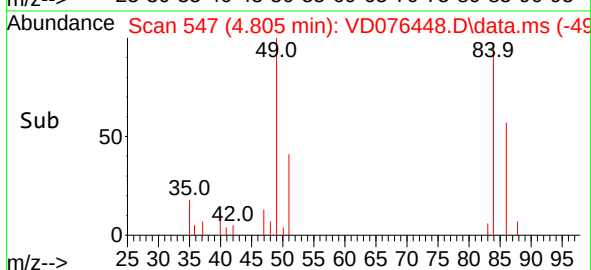
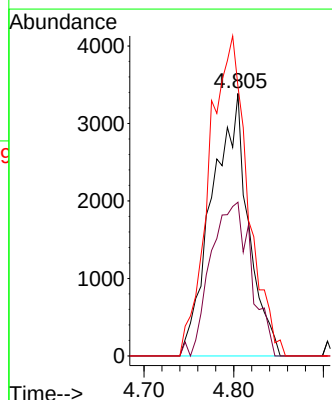
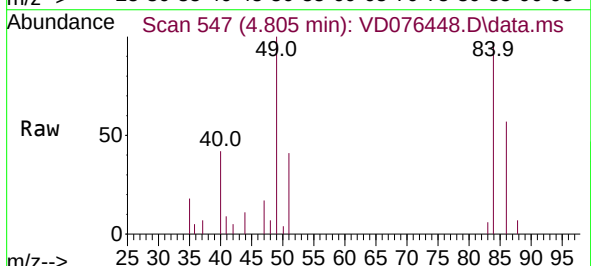
Delta R.T. 0.018 min

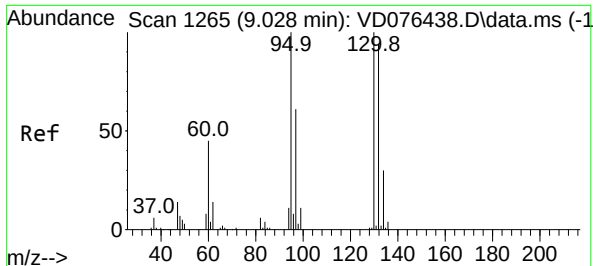
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Acq: 15 Jun 2023 20:07

Tgt Ion: 84 Resp: 9551

Ion	Ratio	Lower	Upper
84	100		
86	58.6	45.1	83.9
49	102.7	97.2	180.6



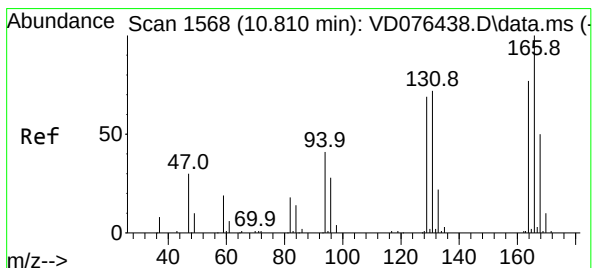
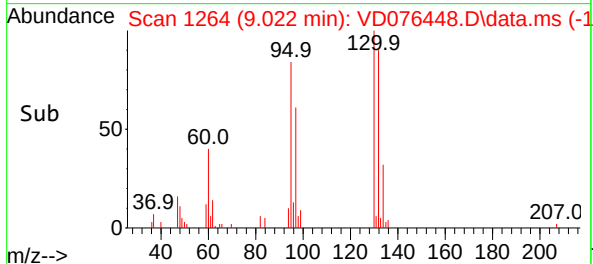
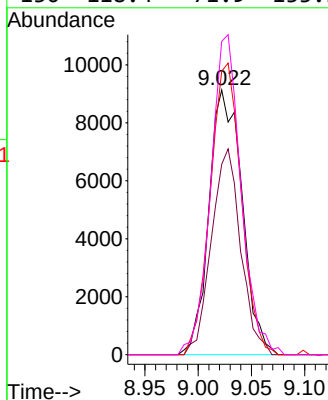
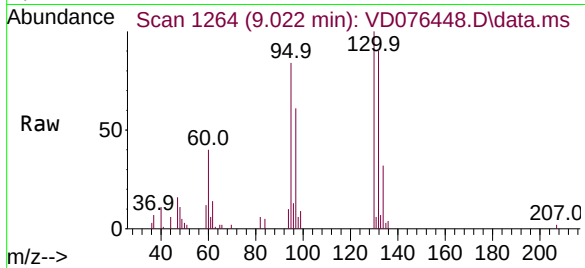


#34
Trichloroethene
Concen: 6.107 ug/L
RT: 9.022 min Scan# 1264
Delta R.T. -0.006 min
Lab File: VD076448.D
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Tgt Ion: 95 Resp: 19734

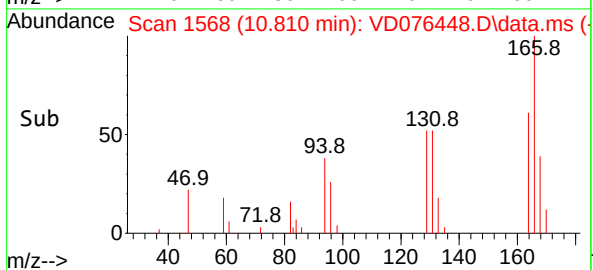
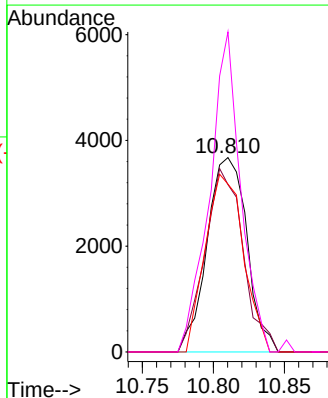
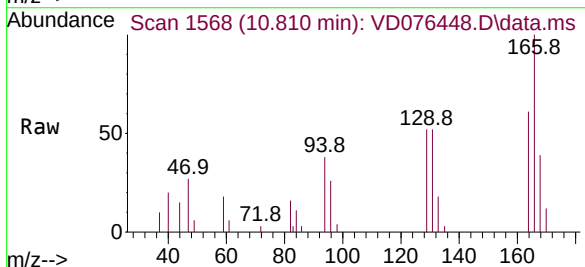
Ion	Ratio	Lower	Upper
95	100		
97	71.9	43.1	80.1
132	115.1	71.8	133.4
130	118.4	71.9	133.5

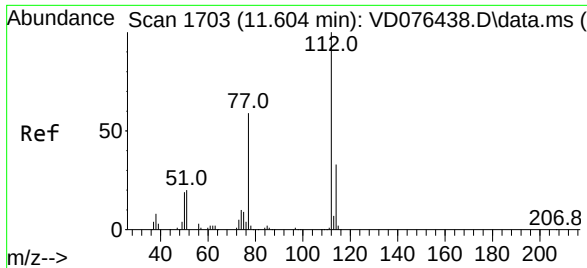


#46
Tetrachloroethene
Concen: 2.822 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD076448.D
Acq: 15 Jun 2023 20:07

Tgt Ion: 164 Resp: 7169

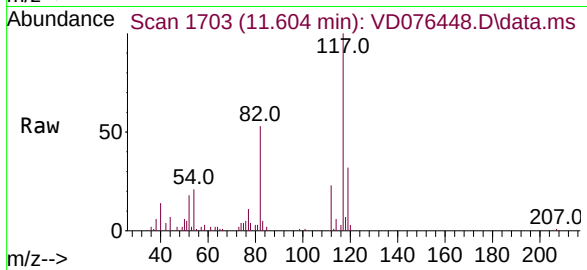
Ion	Ratio	Lower	Upper
164	100		
129	86.1	65.5	121.6
131	86.3	64.8	120.3
166	164.6	97.2	180.4





#51
Chlorobenzene
Concen: 0.489 ug/L
RT: 11.604 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076448.D
Acq: 15 Jun 2023 20:07

Instrument :
MSVOA_D
ClientSampleId :
YBW26



Tgt Ion:	112	Resp:	4105
Ion	Ratio	Lower	Upper
112	100		
114	25.2	21.5	39.9
77	47.4	43.4	65.2

