

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050522\
 Data File : VW022855.D
 Acq On : 05 May 2022 21:34
 Operator : SY/VA
 Sample : N2708-12
 Misc : 5.41g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EXL38

Quant Time: May 06 02:56:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 06 02:14:27 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

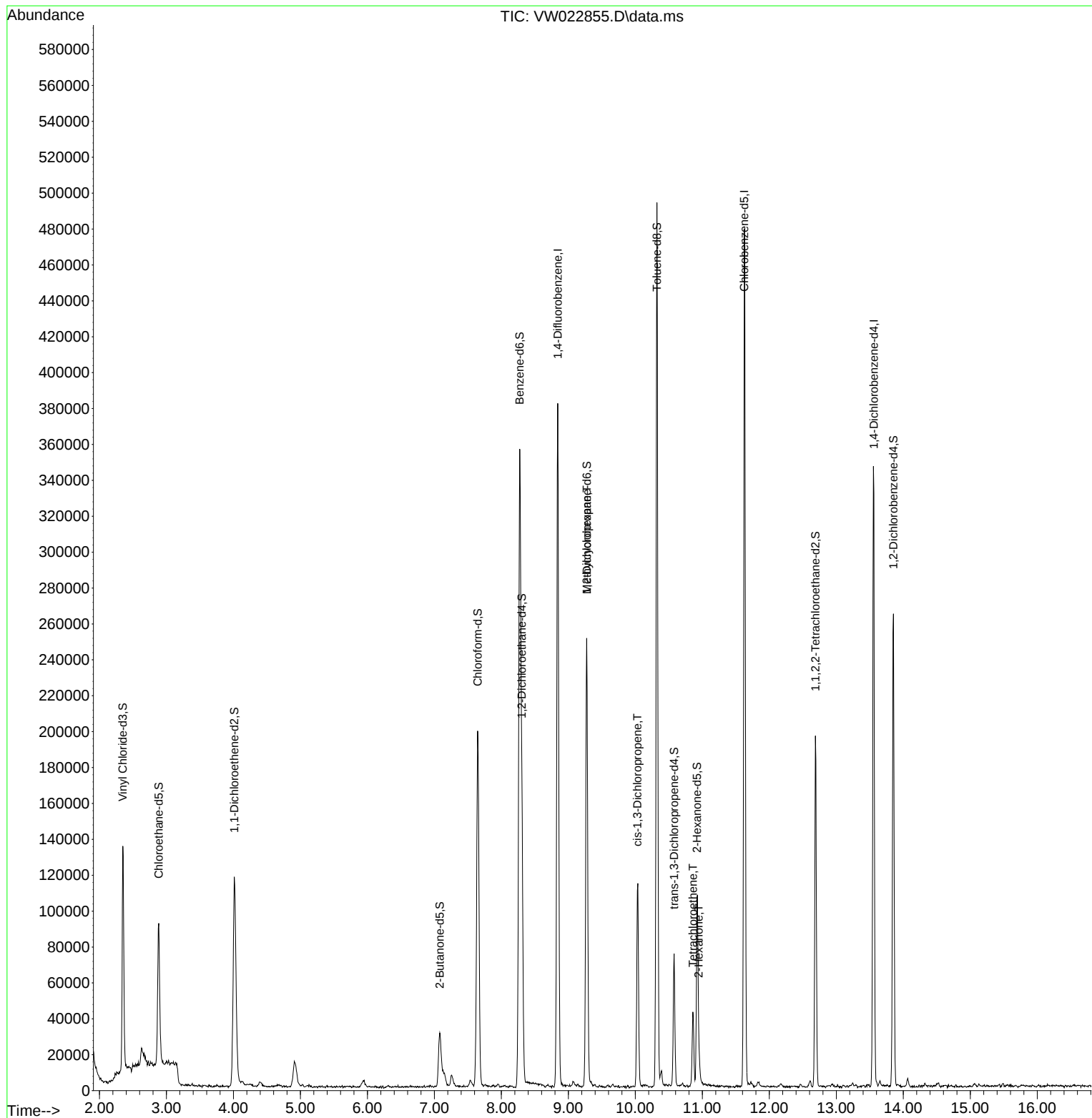
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	311179	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	259040	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	83552	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	122503	19.188	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.760%
7) Chloroethane-d5	2.885	69	91853	22.115	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.440%
11) 1,1-Dichloroethene-d2	4.013	63	112701	13.662	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.640%
21) 2-Butanone-d5	7.079	46	48140	39.659	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.320%
24) Chloroform-d	7.646	84	196891	21.596	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.400%
26) 1,2-Dichloroethane-d4	8.305	65	113597	22.718	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.880%
32) Benzene-d6	8.274	84	358778	24.029	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.120%
36) 1,2-Dichloropropane-d6	9.274	67	109627	26.138	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.560%
41) Toluene-d8	10.323	98	316140	21.919	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.680%
43) trans-1,3-Dichloroprop...	10.579	79	37652	19.497	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.000%
47) 2-Hexanone-d5	10.920	63	35147	43.898	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.800%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	91196	23.328	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.320%
66) 1,2-Dichlorobenzene-d4	13.853	152	64130	21.957	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.840%
Target Compounds						
					Qvalue	
35) Methylcyclohexane	9.274	83	28792	4.176	ug/L #	21
39) cis-1,3-Dichloropropene	10.030	75	3233	0.565	ug/L #	60
46) Tetrachloroethene	10.859	164	8163	2.588	ug/L	90
48) 2-Hexanone	10.945	43	5905	3.797	ug/L #	37

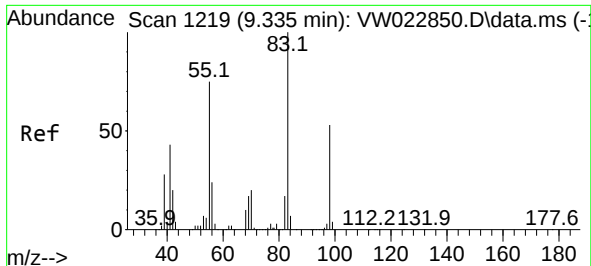
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Methylcyclohexane

Concen: 4.176 ug/L

RT: 9.274 min Scan# 11

Delta R.T. -0.061 min

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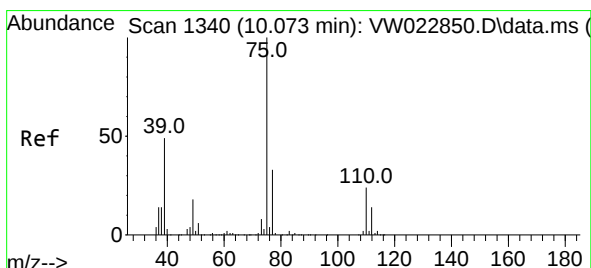
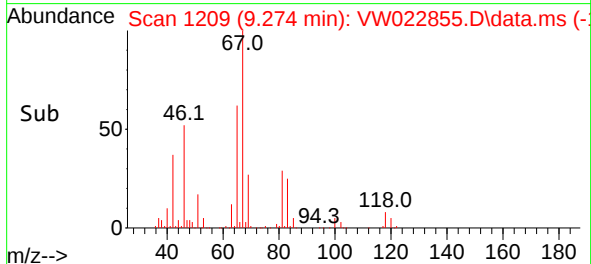
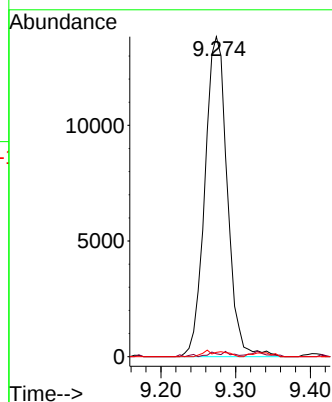
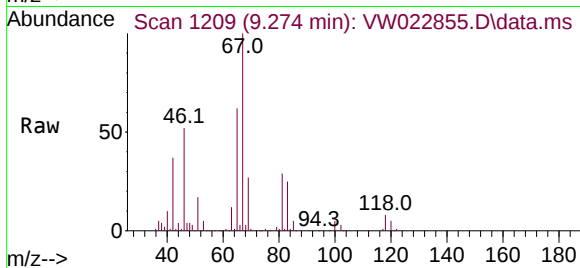
Tgt Ion: 83 Resp: 28792

Ion Ratio Lower Upper

83 100

55 0.7 55.1 82.7#

98 0.8 40.4 60.6#



#39

cis-1,3-Dichloropropene

Concen: 0.565 ug/L

RT: 10.030 min Scan# 1333

Delta R.T. -0.043 min

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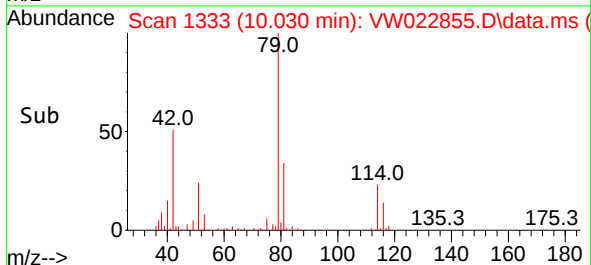
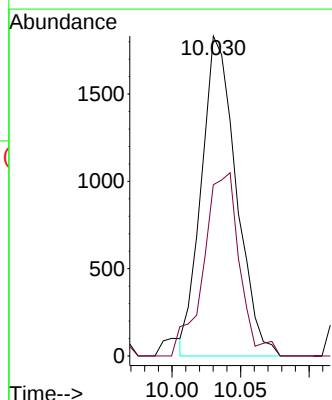
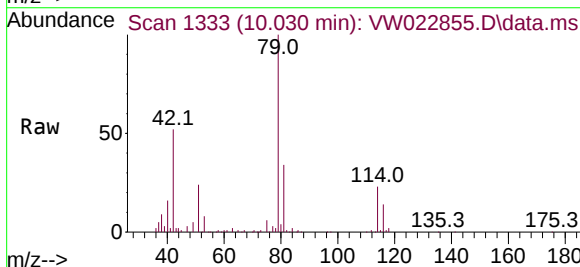
Acq: 05 May 2022 21:34

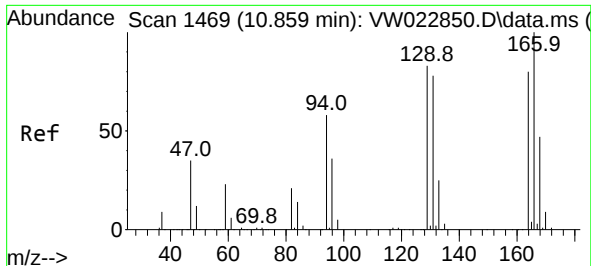
Tgt Ion: 75 Resp: 3233

Ion Ratio Lower Upper

75 100

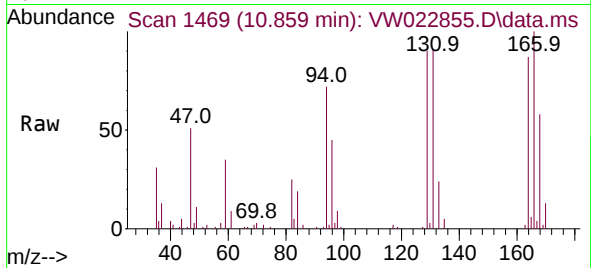
77 53.5 22.1 41.1#





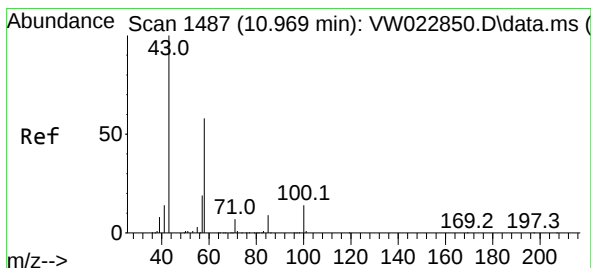
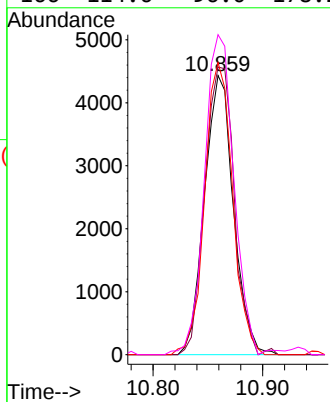
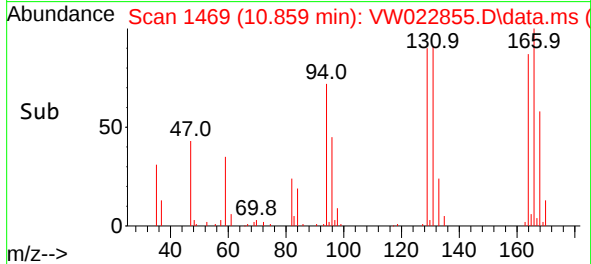
#46
Tetrachloroethene
Concen: 2.588 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
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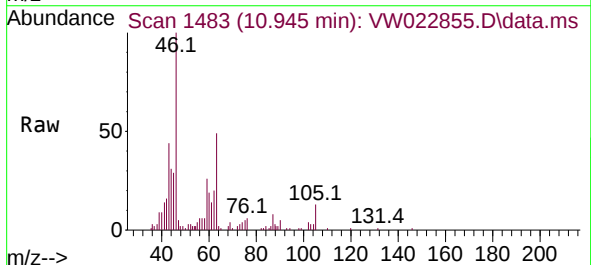


Tgt Ion:164 Resp: 8163

Ion	Ratio	Lower	Upper
164	100		
129	103.0	76.9	142.7
131	104.7	75.1	139.5
166	114.6	96.0	178.2



#48
2-Hexanone
Concen: 3.797 ug/L
RT: 10.945 min Scan# 1483
Delta R.T. -0.025 min
Lab File: VW022855.D
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Tgt Ion: 43 Resp: 5905

Ion	Ratio	Lower	Upper
43	100		
58	0.0	45.9	68.9#
57	0.0	16.2	24.2#
100	0.4	10.7	16.1#

