

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071922\
 Data File : VW023907.D
 Acq On : 20 Jul 2022 01:22
 Operator : SY/VA
 Sample : N3743-11
 Misc : 6.21g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 20 03:02:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jul 20 02:42:08 2022
 Response via : Initial Calibration

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

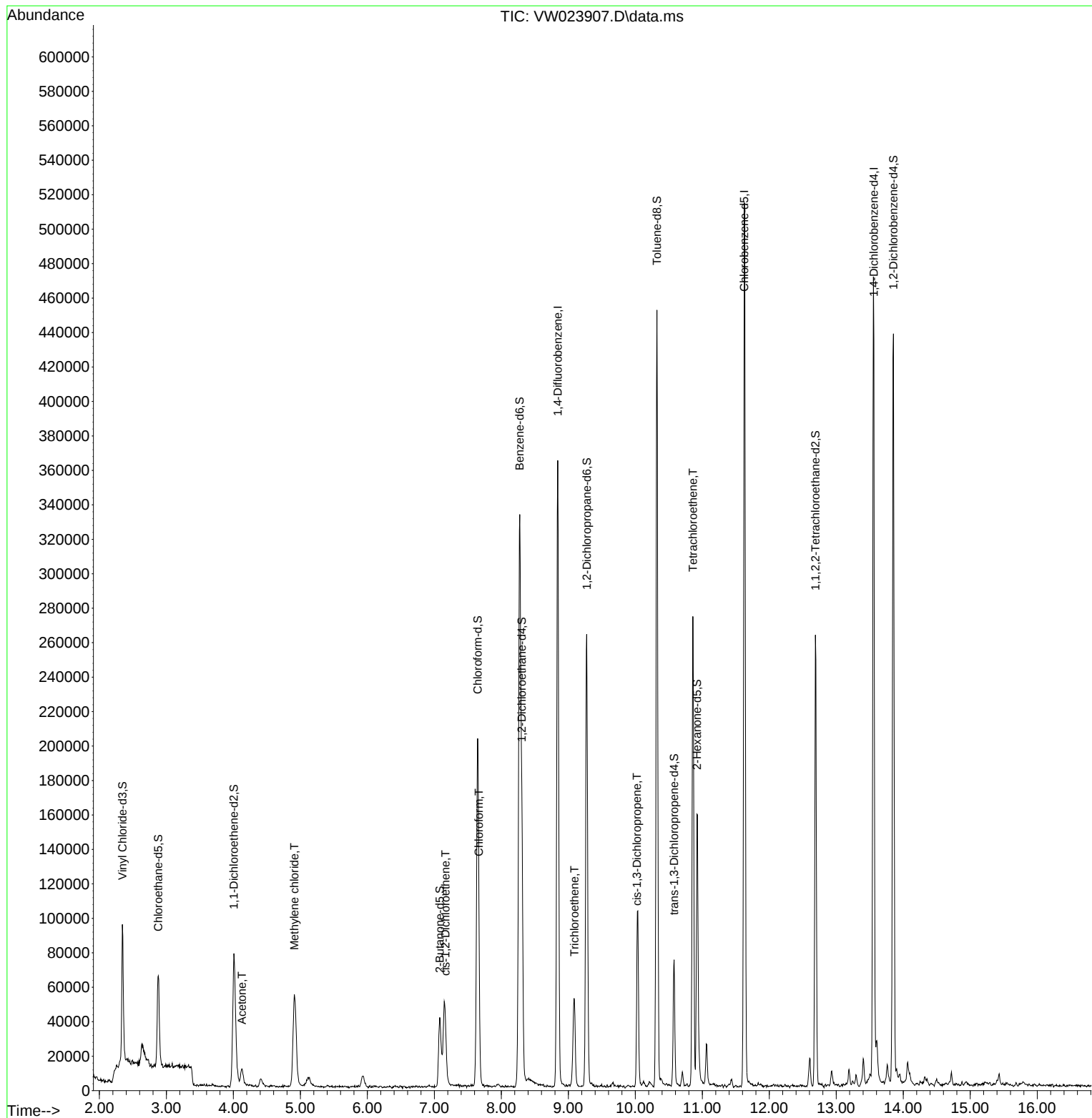
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	292666	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	279599	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	117641	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	84879	11.355	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	45.440%
7) Chloroethane-d5	2.879	69	64589	12.952	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	51.800%
11) 1,1-Dichloroethene-d2	4.007	63	77757	12.775	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.080%
21) 2-Butanone-d5	7.080	46	62746	54.118	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.240%
24) Chloroform-d	7.647	84	197489	23.177	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.720%
26) 1,2-Dichloroethane-d4	8.305	65	115614	22.185	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.720%
32) Benzene-d6	8.275	84	331746	22.825	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.280%
36) 1,2-Dichloropropane-d6	9.274	67	113052	25.822	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.280%
41) Toluene-d8	10.323	98	295790	20.064	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.240%
43) trans-1,3-Dichloroprop...	10.579	79	39364	19.182	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.720%
47) 2-Hexanone-d5	10.921	63	49747	54.037	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.080%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	122832	25.388	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.560%
66) 1,2-Dichlorobenzene-d4	13.853	152	108304	25.790	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.160%
Target Compounds					Qvalue	
13) Acetone	4.129	43	15390	18.774	ug/L	98
16) Methylene chloride	4.909	84	43700	9.549	ug/L	93
20) cis-1,2-Dichloroethene	7.165	96	4184	1.003	ug/L #	69
25) Chloroform	7.665	83	6519	0.815	ug/L	86
34) Trichloroethene	9.092	95	13185	3.142	ug/L	87
39) cis-1,3-Dichloropropene	10.024	75	3253	0.542	ug/L	87
46) Tetrachloroethene	10.860	164	52347	16.135	ug/L	90

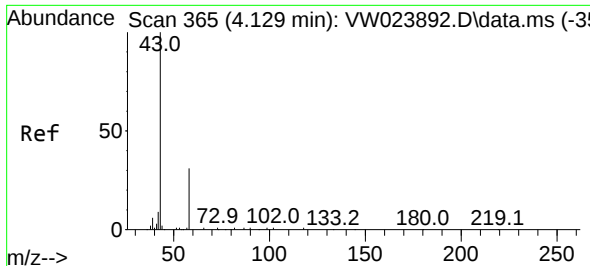
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 20 03:02:26 2022
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Quant Title : SFAM01.0
QLast Update : Wed Jul 20 02:42:08 2022
Response via : Initial Calibration

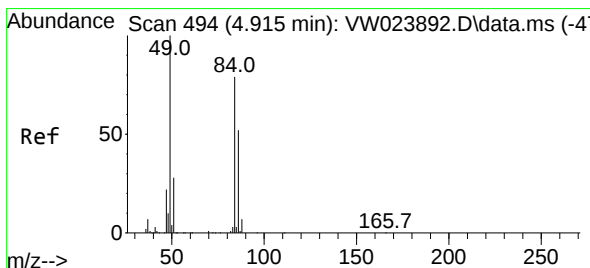
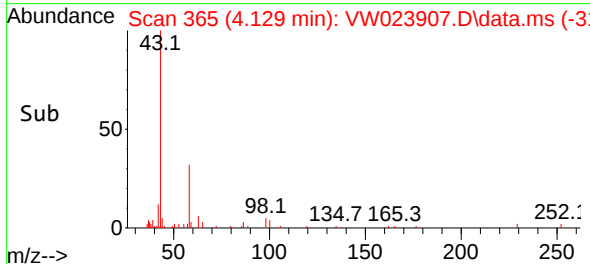
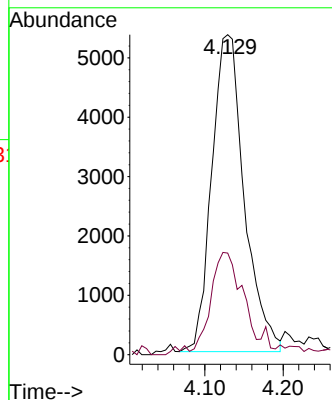
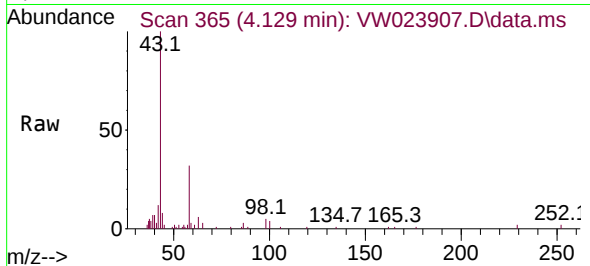




#13
Acetone
Concen: 18.774 ug/L
RT: 4.129 min Scan# 30
Delta R.T. 0.000 min
Lab File: VW023907.D
Acq: 20 Jul 2022 01:22

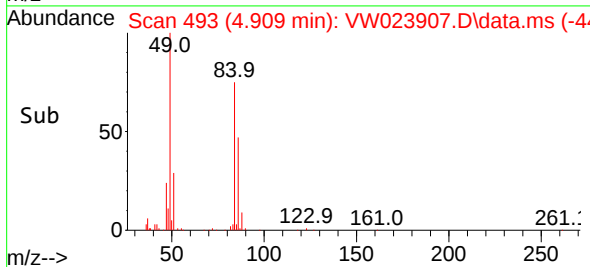
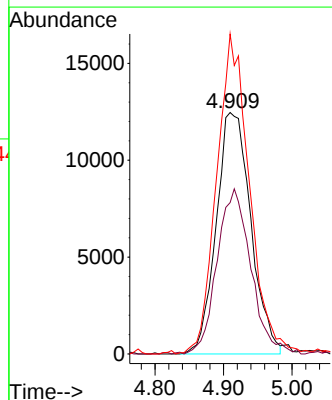
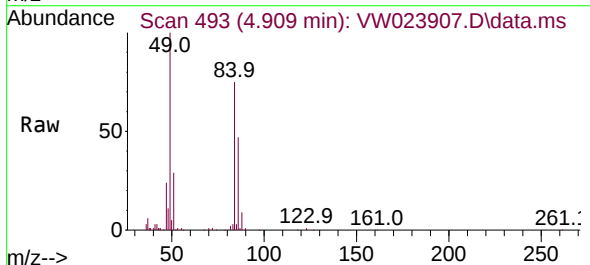
Instrument :
MSVOA_W
ClientSampleId :

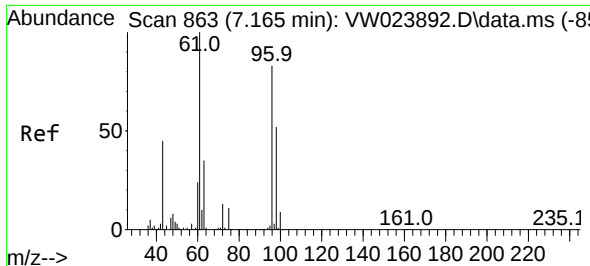
Tgt Ion: 43 Resp: 15390
Ion Ratio Lower Upper
43 100
58 31.1 0.0 64.2



#16
Methylene chloride
Concen: 9.549 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.006 min
Lab File: VW023907.D
Acq: 20 Jul 2022 01:22

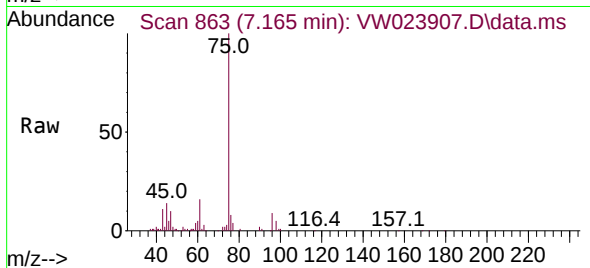
Tgt Ion: 84 Resp: 43700
Ion Ratio Lower Upper
84 100
86 62.7 42.8 79.6
49 132.6 85.4 158.6



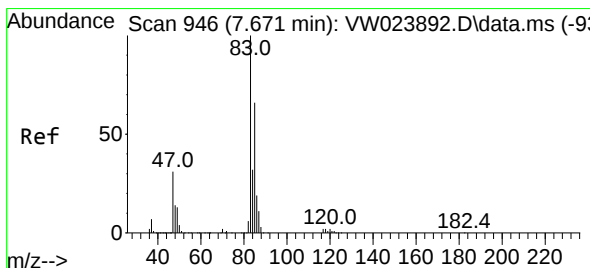
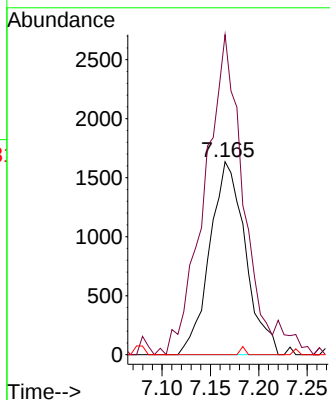
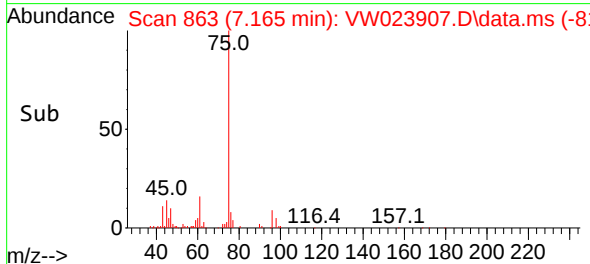


#20
 cis-1,2-Dichloroethene
 Concen: 1.003 ug/L
 RT: 7.165 min Scan# 863
 Delta R.T. 0.000 min
 Lab File: VW023907.D
 Acq: 20 Jul 2022 01:22

Instrument :
 MSVOA_W
 ClientSampleId :

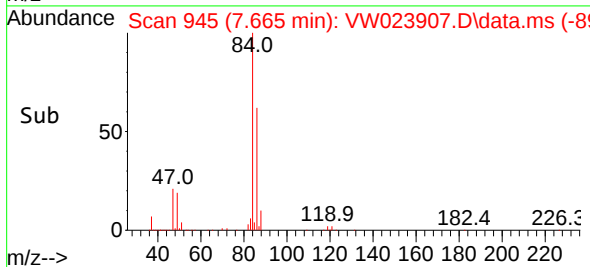
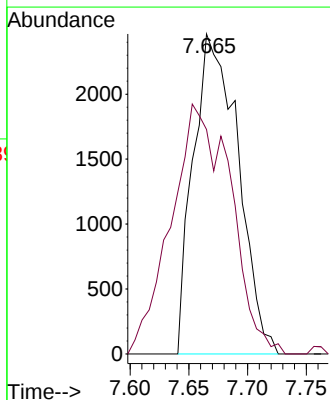
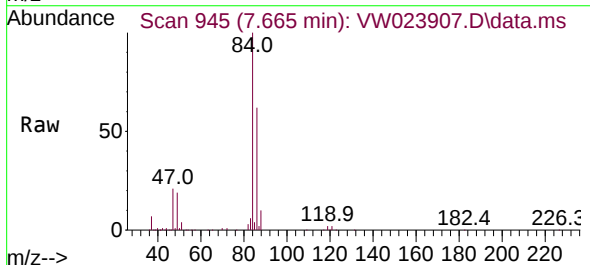


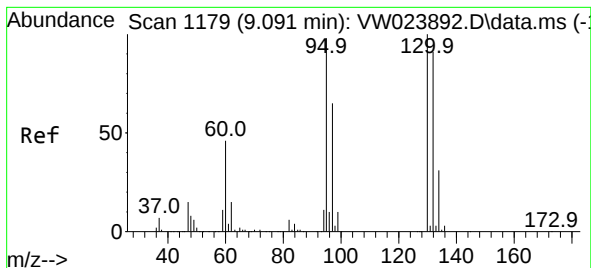
Tgt Ion: 96 Resp: 4184
 Ion Ratio Lower Upper
 96 100
 61 165.9 90.6 168.2
 68 0.0 0.2 0.4#



#25
 Chloroform
 Concen: 0.815 ug/L
 RT: 7.665 min Scan# 945
 Delta R.T. -0.006 min
 Lab File: VW023907.D
 Acq: 20 Jul 2022 01:22

Tgt Ion: 83 Resp: 6519
 Ion Ratio Lower Upper
 83 100
 85 70.1 41.9 77.9





#34

Trichloroethene

Concen: 3.142 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

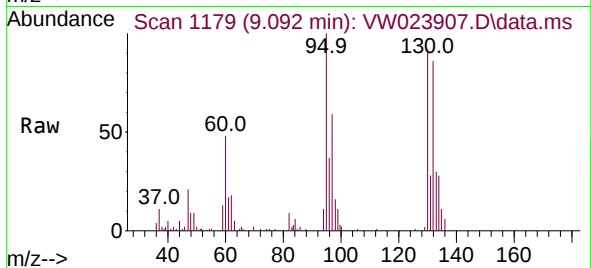
Lab File: VW023907.D

Acq: 20 Jul 2022 01:22

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 13185

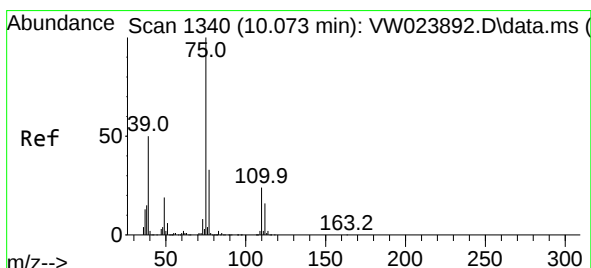
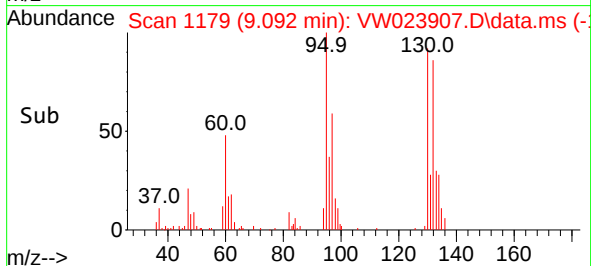
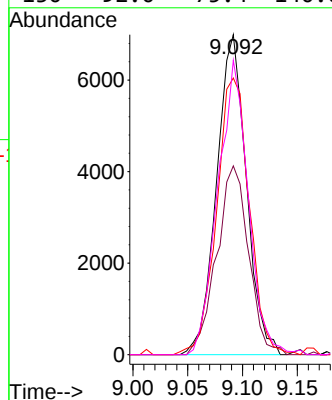
Ion Ratio Lower Upper

95 100

97 59.0 45.6 84.8

132 86.5 69.9 129.7

130 92.0 75.4 140.0



#39

cis-1,3-Dichloropropene

Concen: 0.542 ug/L

RT: 10.024 min Scan# 1332

Delta R.T. -0.049 min

Lab File: VW023907.D

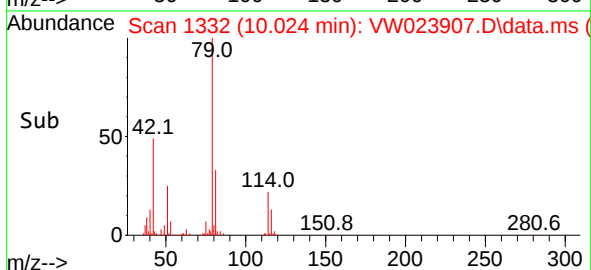
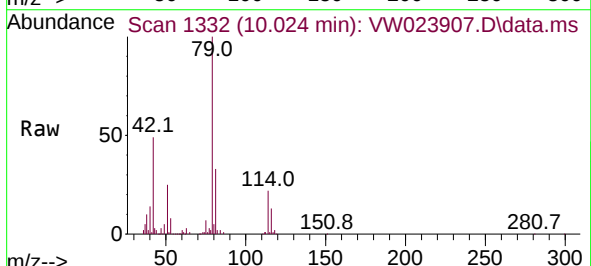
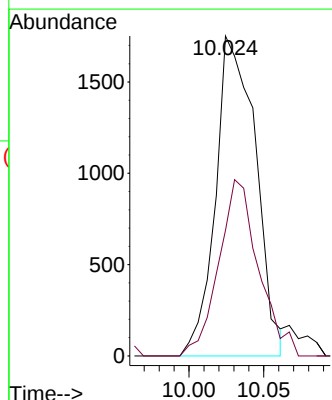
Acq: 20 Jul 2022 01:22

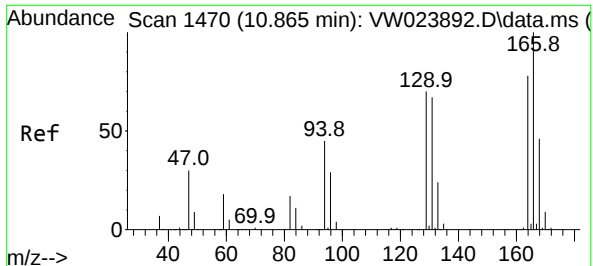
Tgt Ion: 75 Resp: 3253

Ion Ratio Lower Upper

75 100

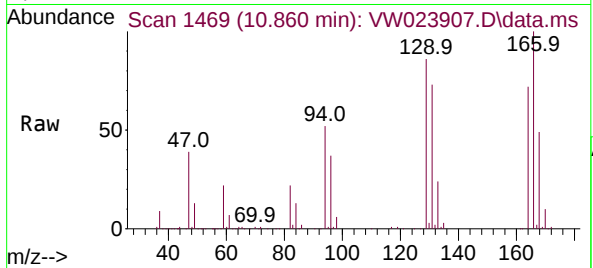
77 39.2 22.5 41.9





#46
 Tetrachloroethene
 Concen: 16.135 ug/L
 RT: 10.860 min Scan# 14
 Delta R.T. -0.006 min
 Lab File: VW023907.D
 Acq: 20 Jul 2022 01:22

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt	Ion:164	Resp:	52347
Ion	Ratio	Lower	Upper
164	100		
129	118.4	72.4	134.5
131	101.6	67.8	125.8
166	138.5	88.9	165.1

