

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071922\
 Data File : VW023903.D
 Acq On : 19 Jul 2022 23:44
 Operator : SY/VA
 Sample : N3743-07
 Misc : 5.75g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 20 03:01:40 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)

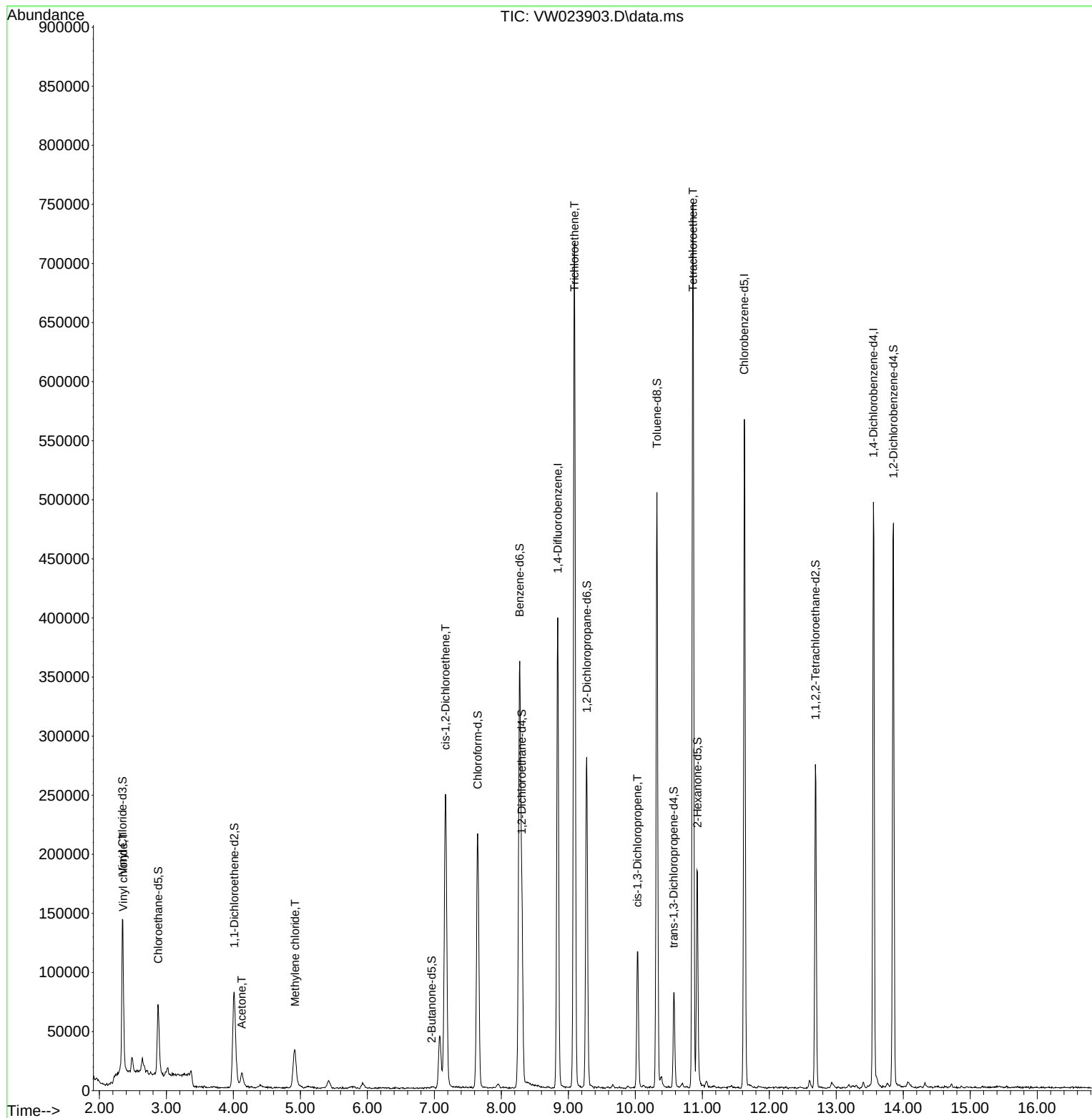
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	318492	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	296540	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	119529	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	92580	11.381	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	45.520%
7) Chloroethane-d5	2.879	69	68707	12.661	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	50.640%
11) 1,1-Dichloroethene-d2	4.013	63	84257	12.720	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.880%
21) 2-Butanone-d5	6.958	46	144	0.114	ug/L	-0.12
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.220%#
24) Chloroform-d	7.647	84	212109	22.874	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.480%
26) 1,2-Dichloroethane-d4	8.305	65	120636	21.271	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.080%
32) Benzene-d6	8.275	84	358292	23.243	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.960%
36) 1,2-Dichloropropane-d6	9.275	67	125674	27.066	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.280%
41) Toluene-d8	10.323	98	323901	20.715	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.880%
43) trans-1,3-Dichloroprop...	10.573	79	44695	20.535	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.160%
47) 2-Hexanone-d5	10.927	63	60422	61.883	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.760%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	129949	25.324	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.280%
66) 1,2-Dichlorobenzene-d4	13.853	152	117168	27.460	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.840%
Target Compounds						Qvalue
5) Vinyl chloride	2.355	62	56082	6.162	ug/L	98
13) Acetone	4.123	43	19180	21.500	ug/L	97
16) Methylene chloride	4.922	84	26696	5.360	ug/L	88
20) cis-1,2-Dichloroethene	7.165	96	144183	31.772	ug/L #	95
34) Trichloroethene	9.092	95	242449	54.484	ug/L	95
39) cis-1,3-Dichloropropene	10.030	75	3557	0.559	ug/L #	79
46) Tetrachloroethene	10.860	164	150956	43.872	ug/L	96

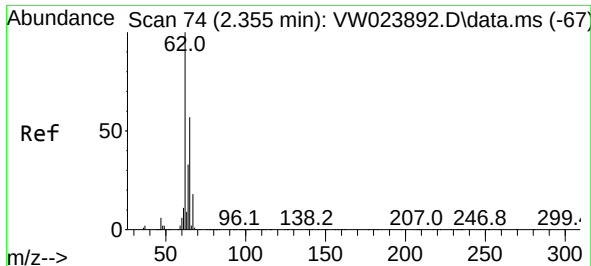
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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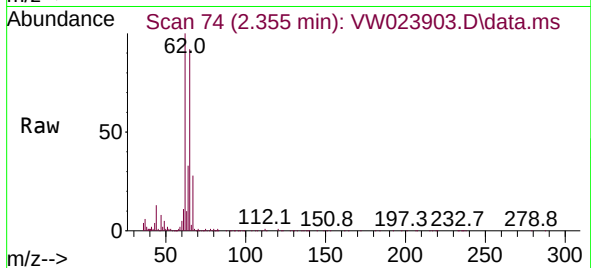
Quant Time: Jul 20 03:01:40 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0
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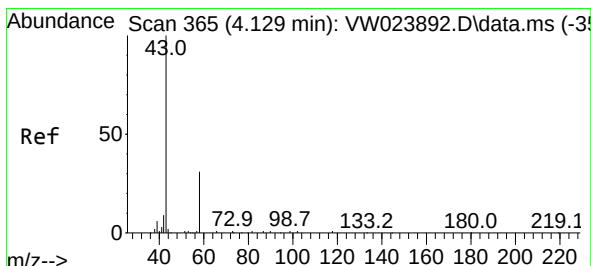
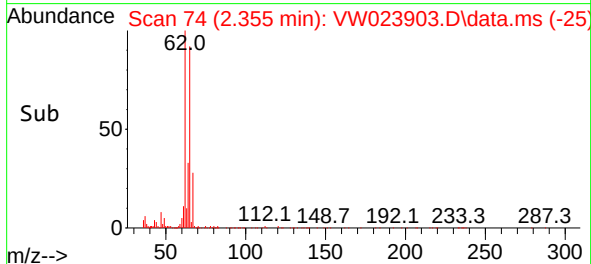
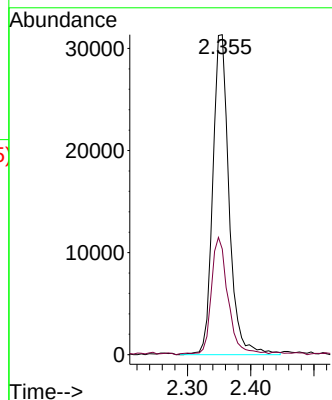


#5
 Vinyl chloride
 Concen: 6.162 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. 0.000 min
 Lab File: VW023903.D
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 ClientSampleId :

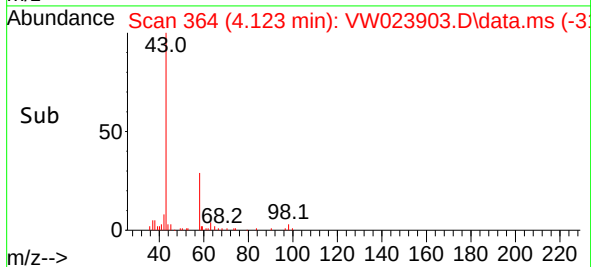
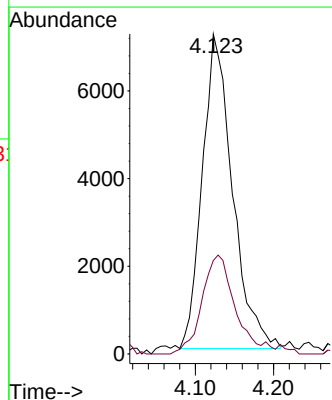
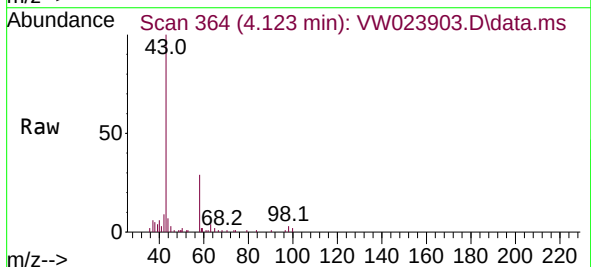


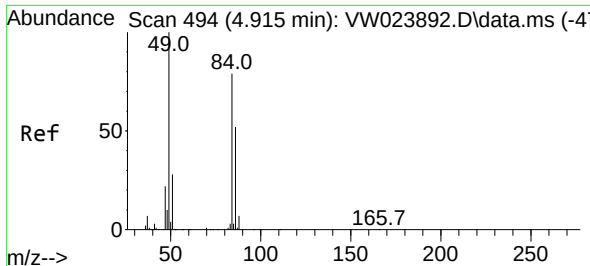
Tgt Ion: 62 Resp: 56082
 Ion Ratio Lower Upper
 62 100
 64 33.0 24.0 44.6



#13
 Acetone
 Concen: 21.500 ug/L
 RT: 4.123 min Scan# 364
 Delta R.T. -0.006 min
 Lab File: VW023903.D
 Acq: 19 Jul 2022 23:44

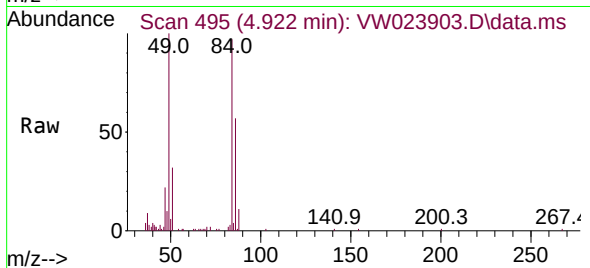
Tgt Ion: 43 Resp: 19180
 Ion Ratio Lower Upper
 43 100
 58 33.7 0.0 64.2



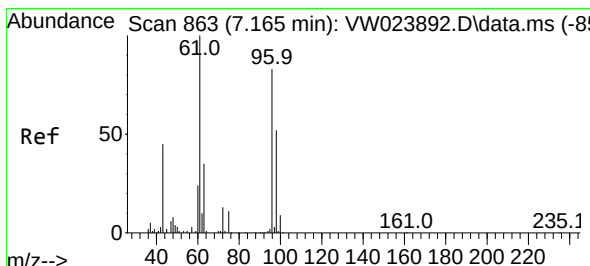
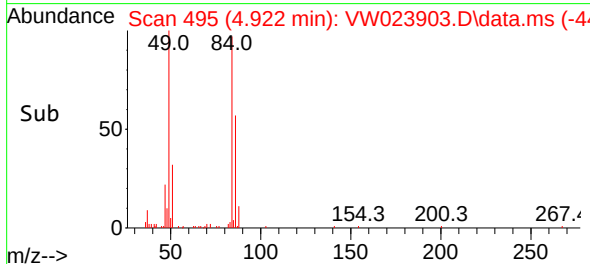
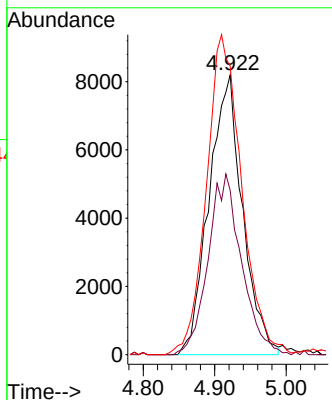


#16
Methylene chloride
Concen: 5.360 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW023903.D
Acq: 19 Jul 2022 23:44

Instrument :
MSVOA_W
ClientSampleId :

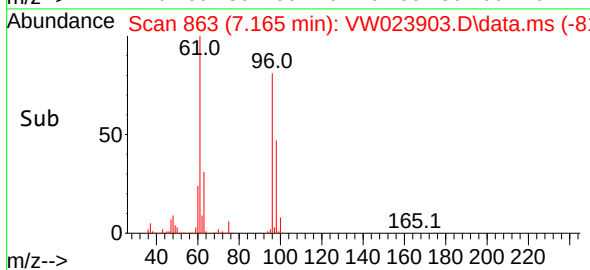
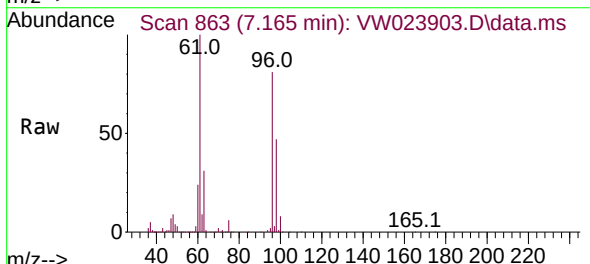
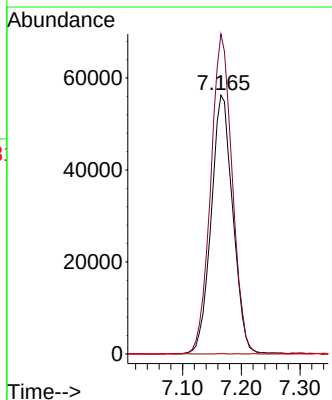


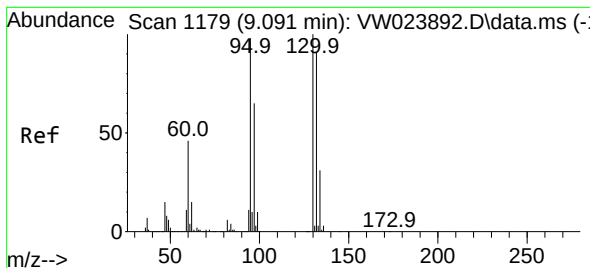
Tgt Ion: 84 Resp: 26696
Ion Ratio Lower Upper
84 100
86 58.6 42.8 79.6
49 103.1 85.4 158.6



#20
cis-1,2-Dichloroethene
Concen: 31.772 ug/L
RT: 7.165 min Scan# 863
Delta R.T. 0.000 min
Lab File: VW023903.D
Acq: 19 Jul 2022 23:44

Tgt Ion: 96 Resp: 144183
Ion Ratio Lower Upper
96 100
61 123.7 90.6 168.2
68 0.2 0.2 0.4





#34

Trichloroethene

Concen: 54.484 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

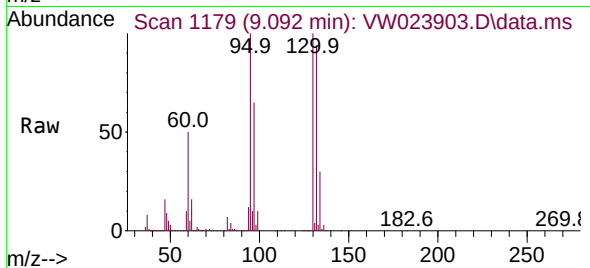
Lab File: VW023903.D

Acq: 19 Jul 2022 23:44

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 242449

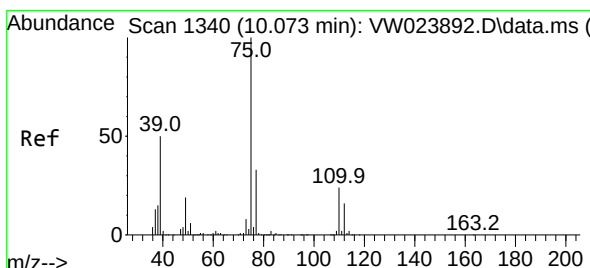
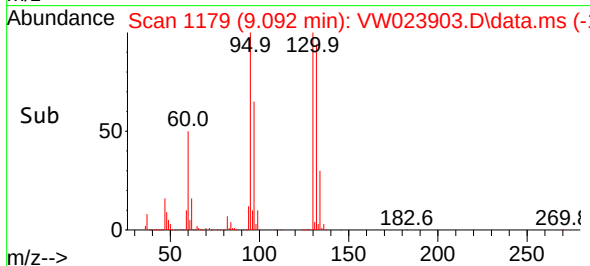
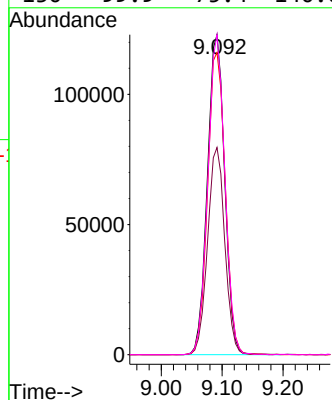
Ion Ratio Lower Upper

95 100

97 64.8 45.6 84.8

132 94.4 69.9 129.7

130 99.9 75.4 140.0



#39

cis-1,3-Dichloropropene

Concen: 0.559 ug/L

RT: 10.030 min Scan# 1333

Delta R.T. -0.042 min

Lab File: VW023903.D

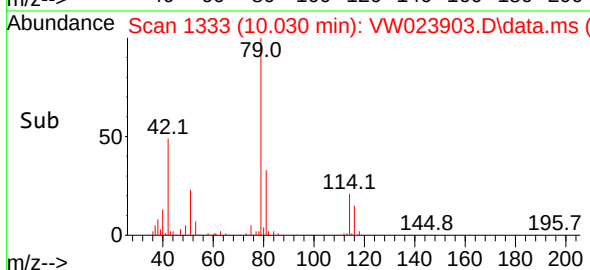
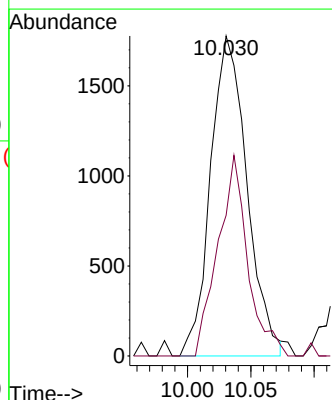
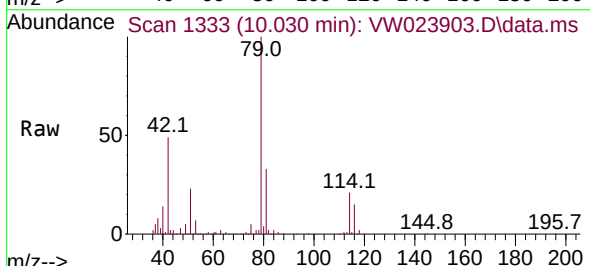
Acq: 19 Jul 2022 23:44

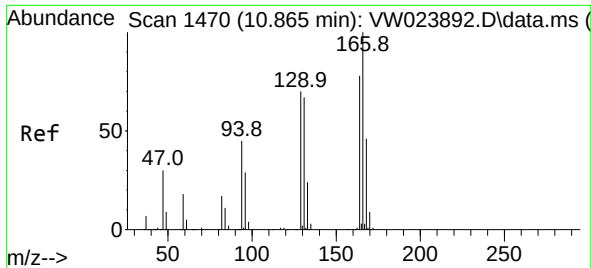
Tgt Ion: 75 Resp: 3557

Ion Ratio Lower Upper

75 100

77 44.0 22.5 41.9#





#46

Tetrachloroethene

Concen: 43.872 ug/L

RT: 10.860 min Scan# 14

Delta R.T. -0.006 min

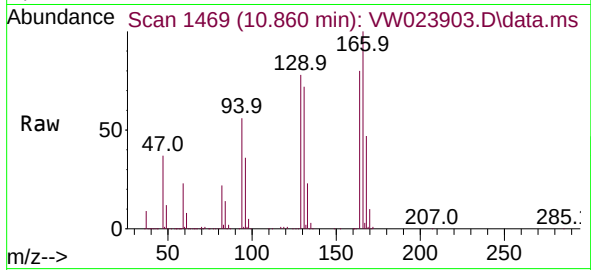
Lab File: VW023903.D

Acq: 19 Jul 2022 23:44

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:164 Resp: 150956

Ion Ratio Lower Upper

164 100

129 97.3 72.4 134.5

131 90.7 67.8 125.8

166 125.1 88.9 165.1

