

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111722\
 Data File : VW025083.D
 Acq On : 17 Nov 2022 17:53
 Operator : SY/VA
 Sample : N5679-05RE
 Misc : 6.56g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0KZ8

Quant Time: Nov 18 00:01:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM102622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Nov 17 23:58:11 2022
 Response via : Initial Calibration

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

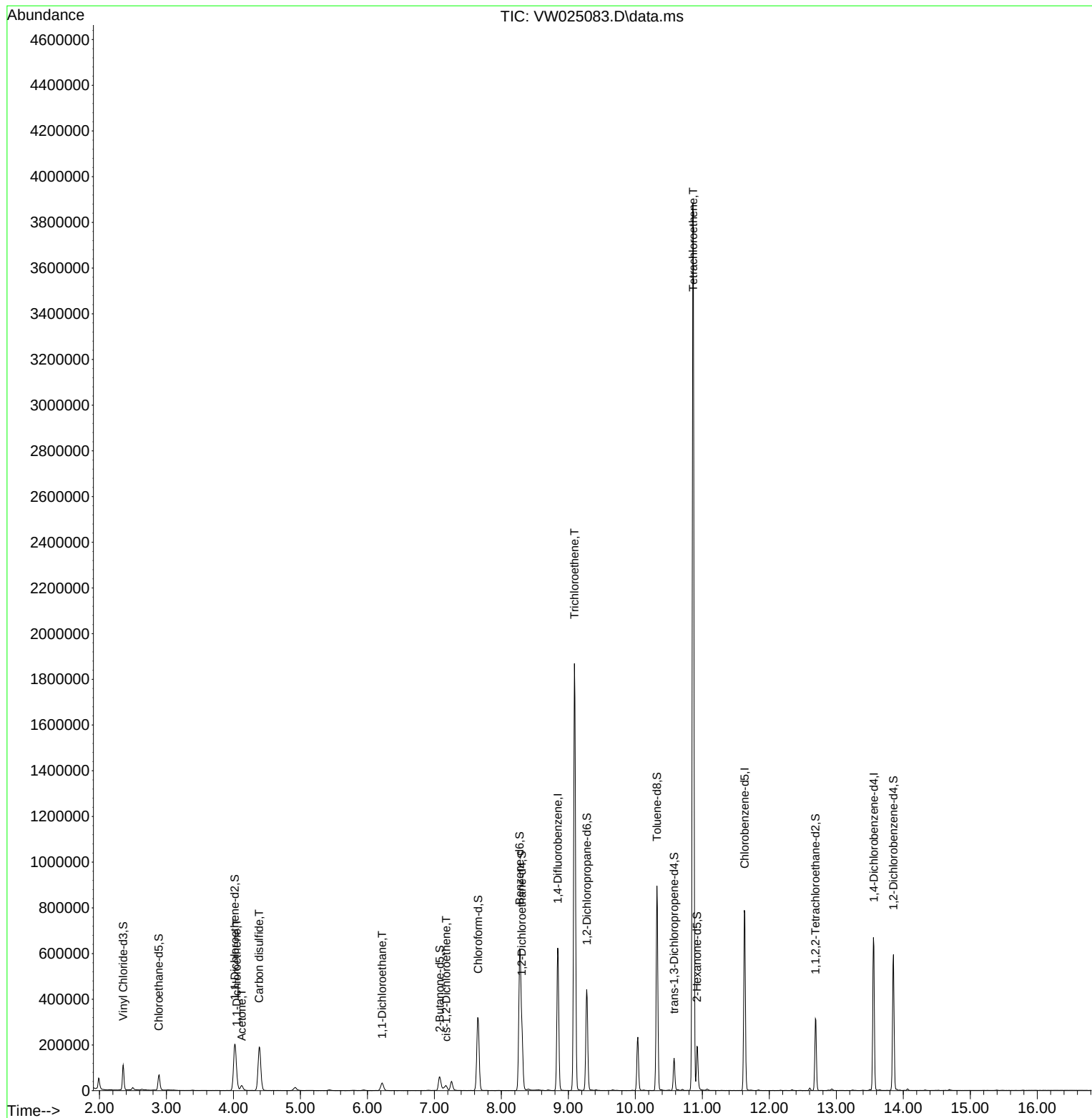
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	521741	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	449779	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	177250	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	101819	17.387	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.560%
7) Chloroethane-d5	2.885	69	75200	21.921	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.680%
11) 1,1-Dichloroethene-d2	4.019	63	200912	13.773	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.080%
21) 2-Butanone-d5	7.080	46	102190	51.703	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.400%
24) Chloroform-d	7.653	84	338508	21.379	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.520%
26) 1,2-Dichloroethane-d4	8.305	65	178197	20.105	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.440%
32) Benzene-d6	8.274	84	666646	23.124	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.480%
36) 1,2-Dichloropropane-d6	9.274	67	212305	25.133	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.520%
41) Toluene-d8	10.323	98	595301	22.180	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.720%
43) trans-1,3-Dichloroprop...	10.579	79	79067	21.109	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.440%
47) 2-Hexanone-d5	10.920	63	71229	48.815	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.620%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	163375	24.223	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.880%
66) 1,2-Dichlorobenzene-d4	13.853	152	152617	22.405	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.640%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.050	96	15459	2.389	ug/L	# 1
13) Acetone	4.123	43	37994	27.060	ug/L	99
14) Carbon disulfide	4.385	76	430236	22.757	ug/L	100
19) 1,1-Dichloroethane	6.220	63	47997	3.741	ug/L	96
20) cis-1,2-Dichloroethene	7.177	96	10169	1.346	ug/L	83
34) Trichloroethene	9.091	95	671002	93.584	ug/L	98
46) Tetrachloroethene	10.865	164	862128	168.130	ug/L	95

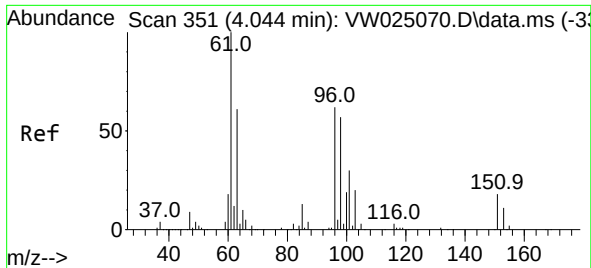
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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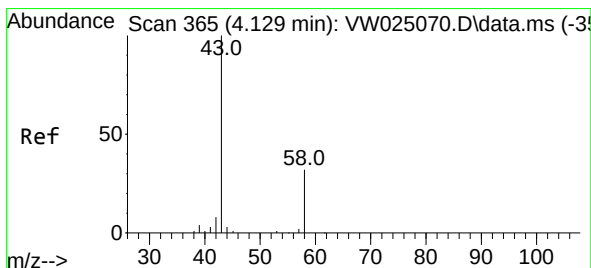
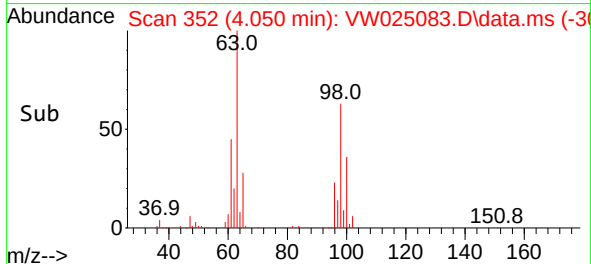
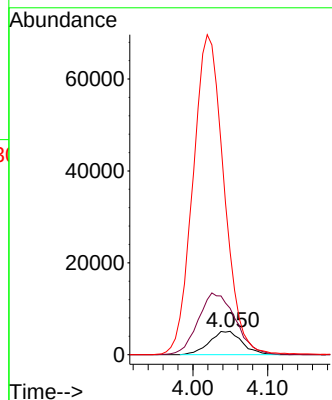
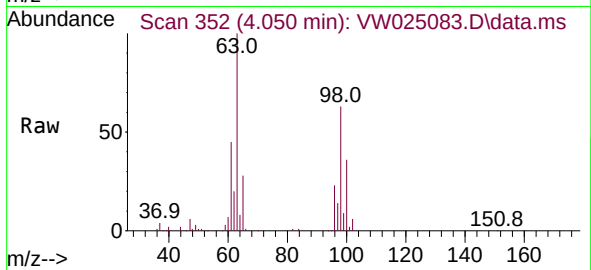




#12
1,1-Dichloroethene
Concen: 2.389 ug/L
RT: 4.050 min Scan# 351
Delta R.T. 0.006 min
Lab File: VW025083.D
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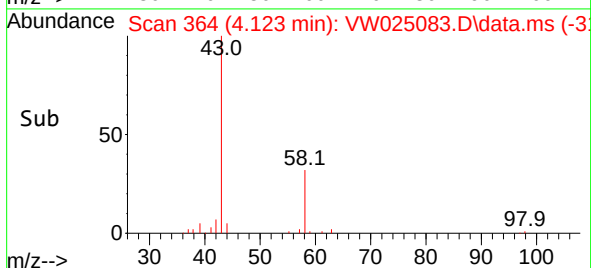
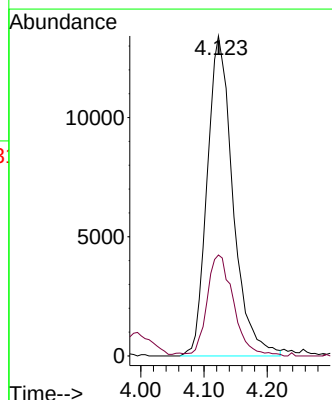
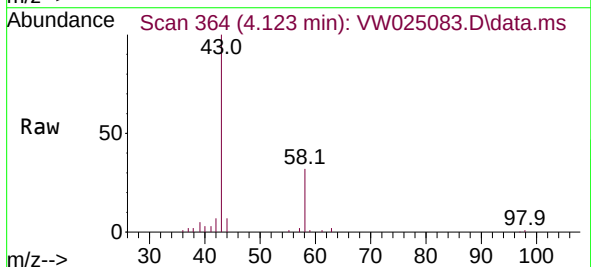
Instrument :
MSVOA_W
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C0KZ8

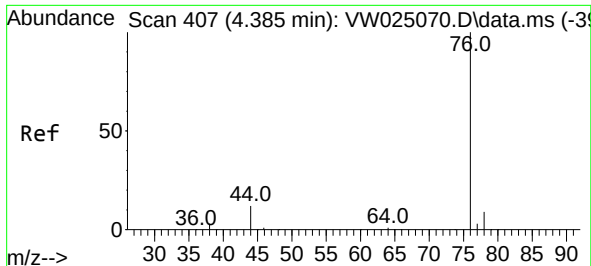
Tgt Ion: 96 Resp: 15459
Ion Ratio Lower Upper
96 100
61 199.0 126.2 234.4
63 440.5 98.3 182.7#



#13
Acetone
Concen: 27.060 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.006 min
Lab File: VW025083.D
Acq: 17 Nov 2022 17:53

Tgt Ion: 43 Resp: 37994
Ion Ratio Lower Upper
43 100
58 32.3 0.0 65.4

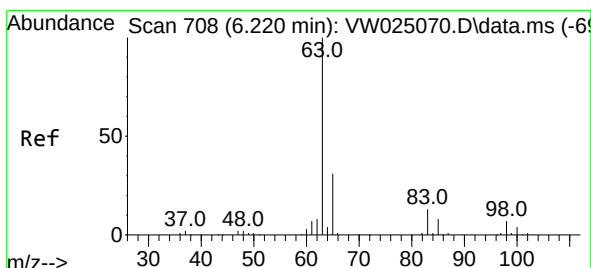
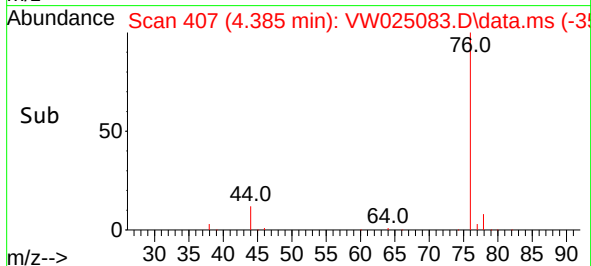
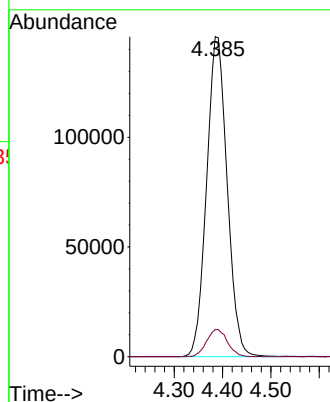
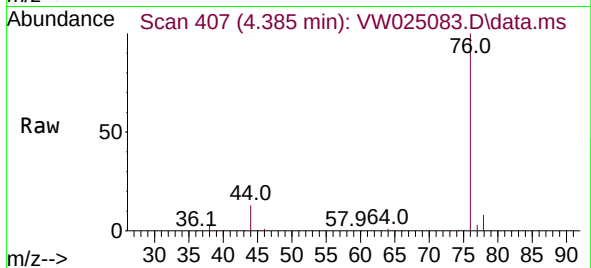




#14
Carbon disulfide
Concen: 22.757 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
Lab File: VW025083.D
Acq: 17 Nov 2022 17:53

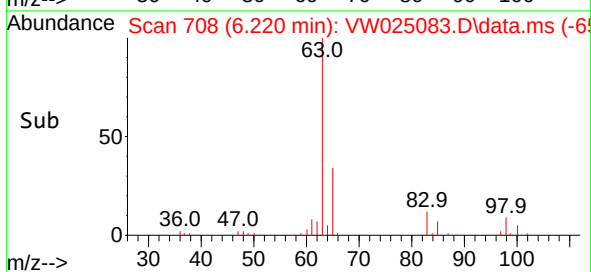
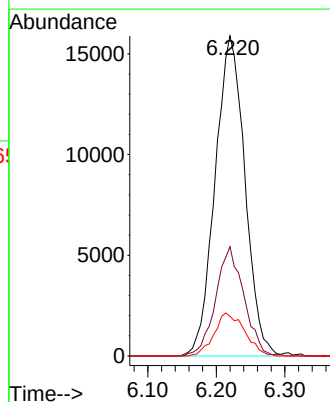
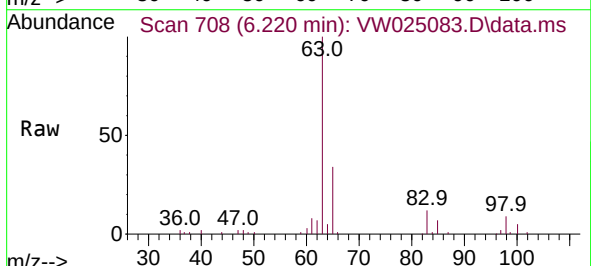
Instrument :
MSVOA_W
ClientSampleId :
C0KZ8

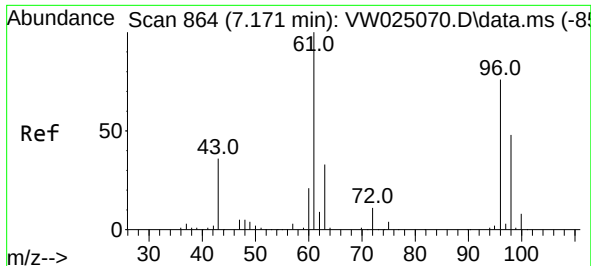
Tgt Ion: 76 Resp: 430236
Ion Ratio Lower Upper
76 100
78 8.5 6.8 10.2



#19
1,1-Dichloroethane
Concen: 3.741 ug/L
RT: 6.220 min Scan# 708
Delta R.T. -0.000 min
Lab File: VW025083.D
Acq: 17 Nov 2022 17:53

Tgt Ion: 63 Resp: 47997
Ion Ratio Lower Upper
63 100
65 34.2 22.2 41.2
83 12.4 9.7 17.9

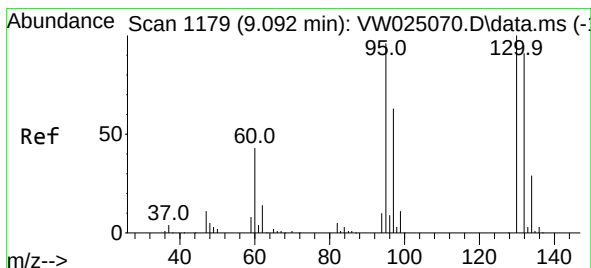
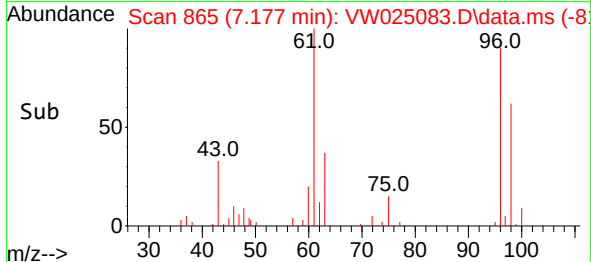
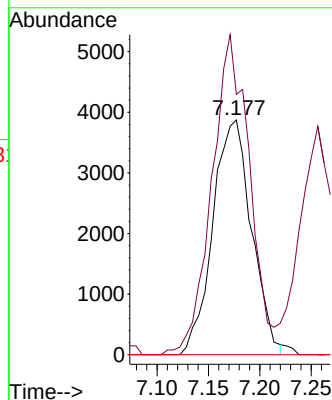
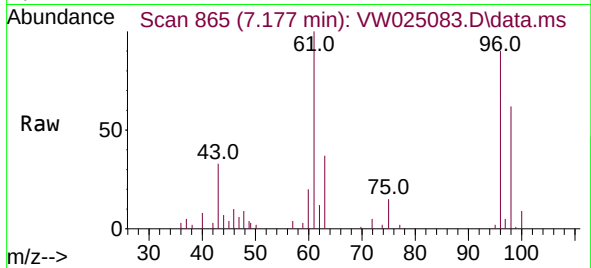




#20
 cis-1,2-Dichloroethene
 Concen: 1.346 ug/L
 RT: 7.177 min Scan# 865
 Delta R.T. 0.006 min
 Lab File: VW025083.D
 Acq: 17 Nov 2022 17:53

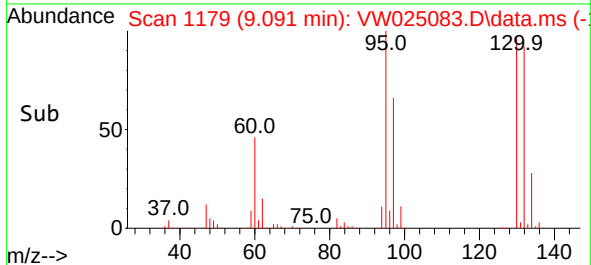
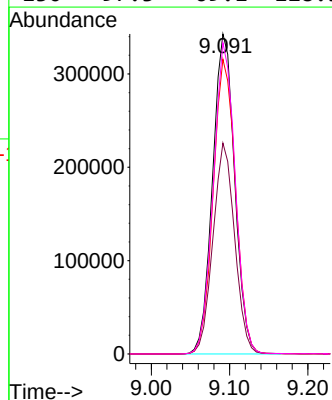
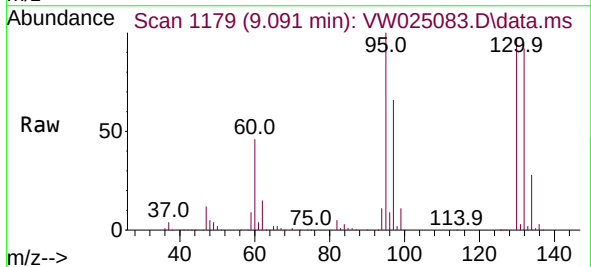
Instrument :
 MSVOA_W
 ClientSampleId :
 COKZ8

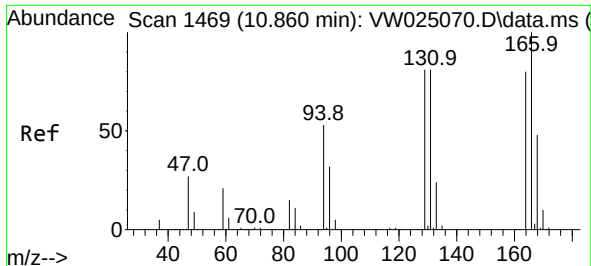
Tgt Ion: 96 Resp: 10169
 Ion Ratio Lower Upper
 96 100
 61 110.8 91.8 170.6
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 93.584 ug/L
 RT: 9.091 min Scan# 1179
 Delta R.T. -0.000 min
 Lab File: VW025083.D
 Acq: 17 Nov 2022 17:53

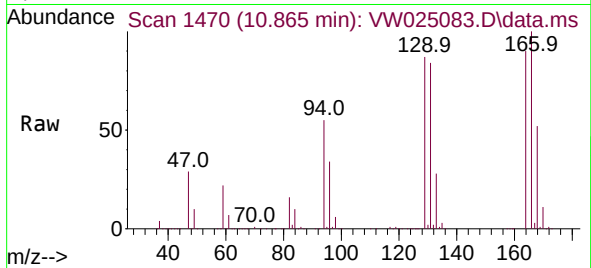
Tgt Ion: 95 Resp: 671002
 Ion Ratio Lower Upper
 95 100
 97 65.9 44.7 83.1
 132 92.1 62.6 116.2
 130 97.3 69.1 128.3





#46
 Tetrachloroethene
 Concen: 168.130 ug/L
 RT: 10.865 min Scan# 14
 Delta R.T. 0.006 min
 Lab File: VW025083.D
 Acq: 17 Nov 2022 17:53

Instrument :
 MSVOA_W
 ClientSampleId :
 C0KZ8



Tgt Ion:164 Resp: 862128
 Ion Ratio Lower Upper
 164 100
 129 97.1 72.9 135.5
 131 93.8 70.1 130.3
 166 111.3 80.2 148.9

