

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111722\
 Data File : VW025079.D
 Acq On : 17 Nov 2022 16:17
 Operator : SY/VA
 Sample : N5679-06RE
 Misc : 6.12g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0L01

Quant Time: Nov 18 00:01:08 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)

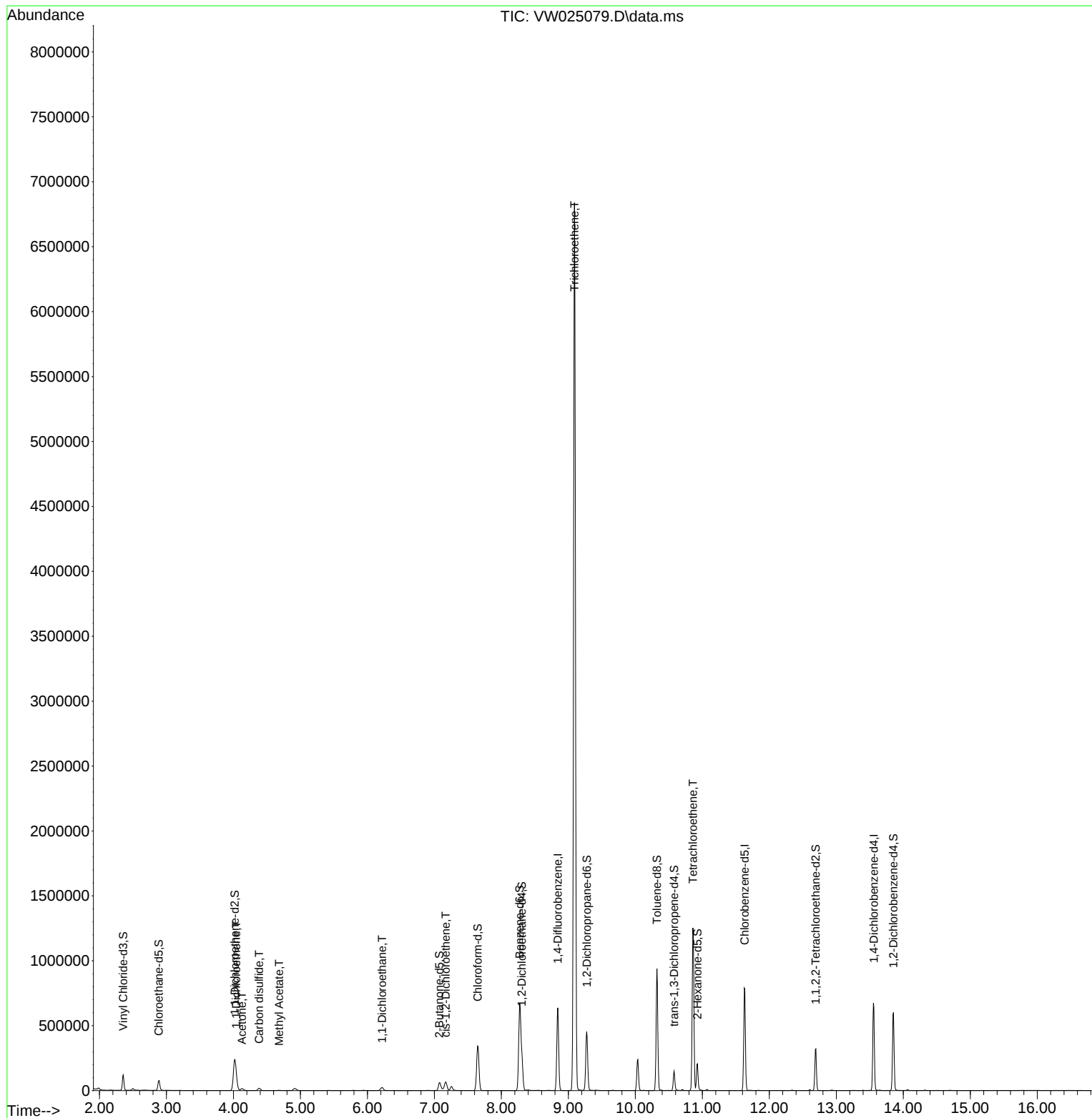
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	521028	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	450078	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	178173	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	108900	18.621	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.480%
7) Chloroethane-d5	2.885	69	85992	25.101	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.400%
11) 1,1-Dichloroethene-d2	4.019	63	232778	15.979	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.920%
21) 2-Butanone-d5	7.073	46	105576	53.490	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.980%
24) Chloroform-d	7.646	84	361950	22.890	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.560%
26) 1,2-Dichloroethane-d4	8.305	65	185631	20.972	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.880%
32) Benzene-d6	8.274	84	708439	24.557	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.240%
36) 1,2-Dichloropropane-d6	9.274	67	219044	25.914	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.640%
41) Toluene-d8	10.323	98	611067	22.752	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.000%
43) trans-1,3-Dichloroprop...	10.579	79	83595	22.303	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.200%
47) 2-Hexanone-d5	10.926	63	75927	52.000	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.000%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	168065	24.902	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.600%
66) 1,2-Dichlorobenzene-d4	13.853	152	157134	22.949	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.800%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.043	96	34260	5.301	ug/L #	49
13) Acetone	4.129	43	27085	19.317	ug/L	100
14) Carbon disulfide	4.385	76	39715	2.104	ug/L	98
15) Methyl Acetate	4.684	43	4735	1.696	ug/L #	64
19) 1,1-Dichloroethane	6.220	63	33883	2.644	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	39019	5.173	ug/L	91
34) Trichloroethene	9.091	95	2460199	342.892	ug/L	98
46) Tetrachloroethene	10.859	164	278620	54.300	ug/L	95

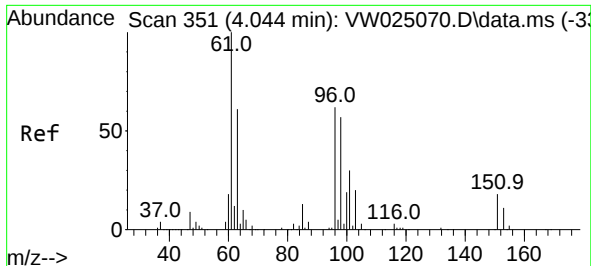
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Thu Nov 17 23:58:11 2022
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 5.301 ug/L

RT: 4.043 min Scan# 351

Delta R.T. -0.000 min

Lab File: VW025079.D

Acq: 17 Nov 2022 16:17

Instrument :

MSVOA_W

ClientSampleId :

COL01

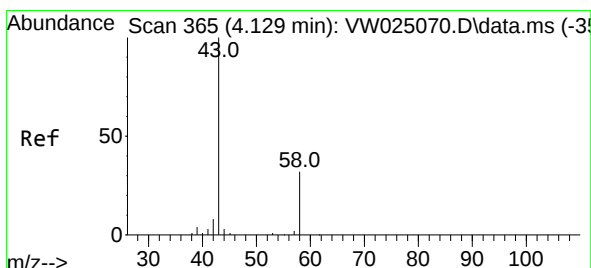
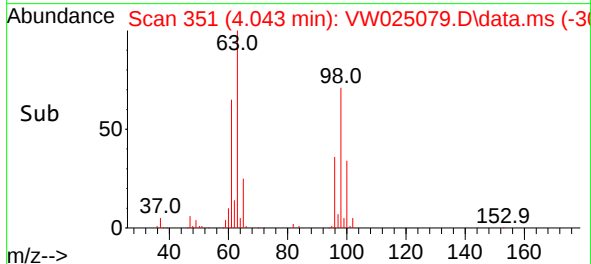
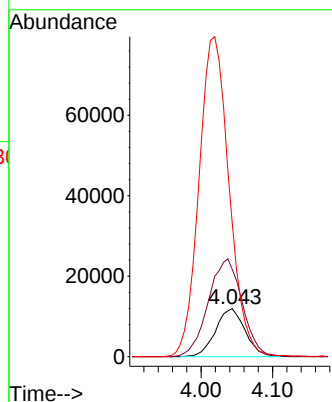
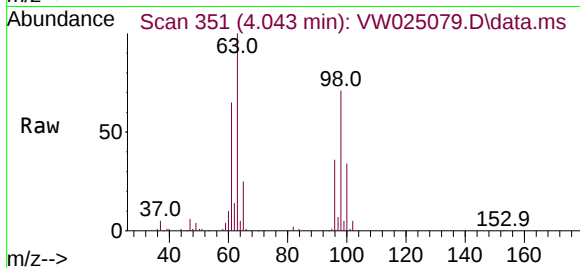
Tgt Ion: 96 Resp: 34260

Ion Ratio Lower Upper

96 100

61 182.3 126.2 234.4

63 279.9 98.3 182.7#



#13

Acetone

Concen: 19.317 ug/L

RT: 4.129 min Scan# 365

Delta R.T. -0.000 min

Lab File: VW025079.D

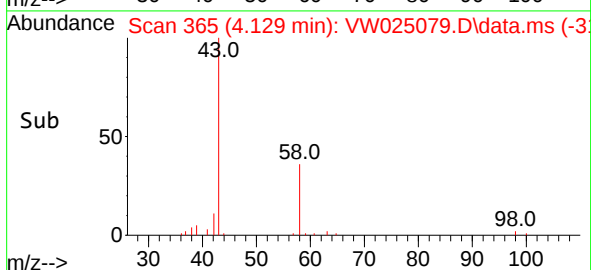
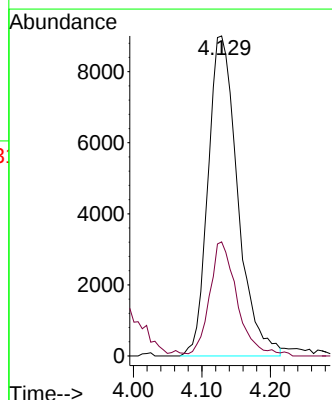
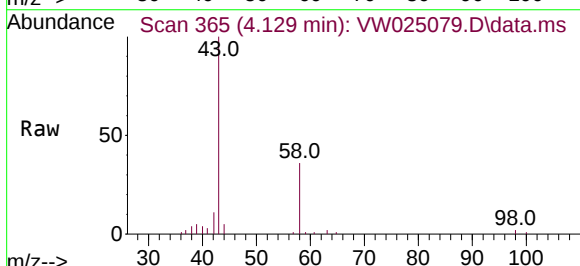
Acq: 17 Nov 2022 16:17

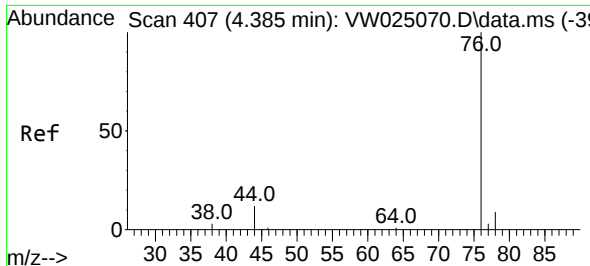
Tgt Ion: 43 Resp: 27085

Ion Ratio Lower Upper

43 100

58 32.5 0.0 65.4

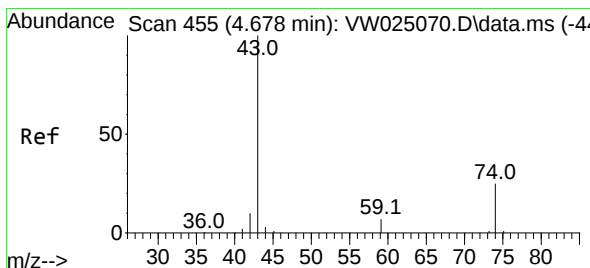
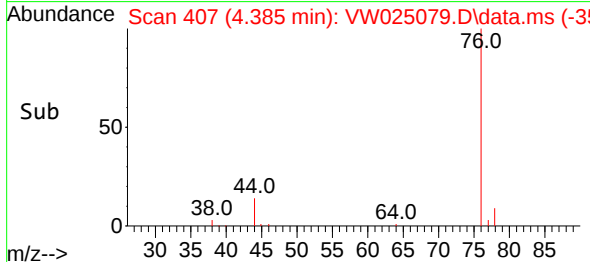
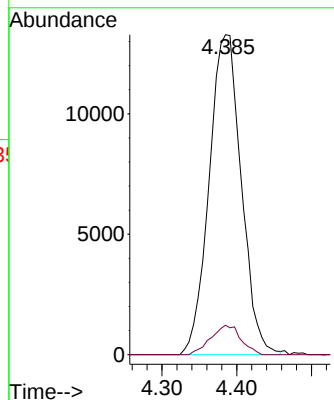
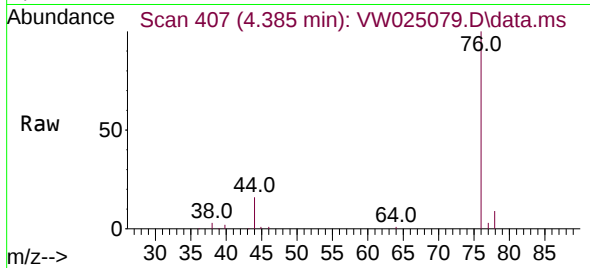




#14
Carbon disulfide
Concen: 2.104 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
Lab File: VW025079.D
Acq: 17 Nov 2022 16:17

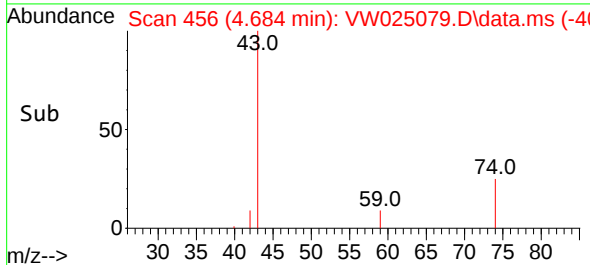
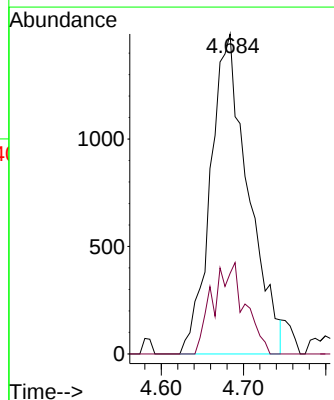
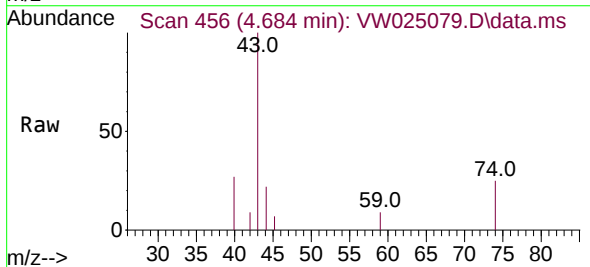
Instrument :
MSVOA_W
ClientSampleId :
COL01

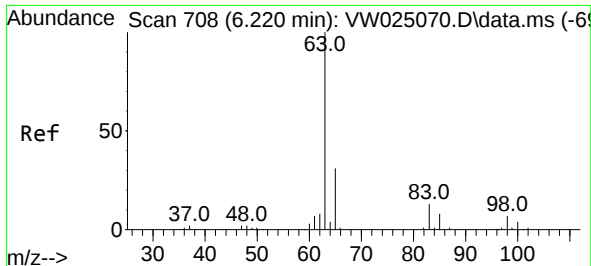
Tgt Ion: 76 Resp: 39715
Ion Ratio Lower Upper
76 100
78 9.2 6.8 10.2



#15
Methyl Acetate
Concen: 1.696 ug/L
RT: 4.684 min Scan# 456
Delta R.T. 0.006 min
Lab File: VW025079.D
Acq: 17 Nov 2022 16:17

Tgt Ion: 43 Resp: 4735
Ion Ratio Lower Upper
43 100
74 7.7 20.6 30.8#

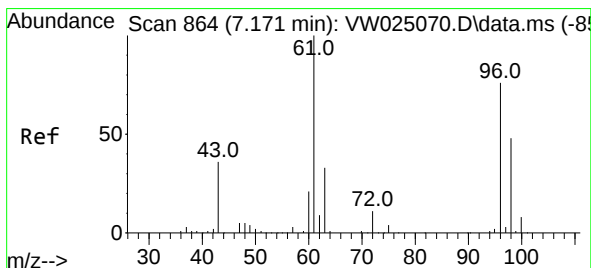
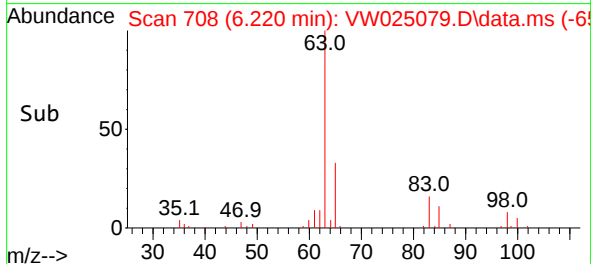
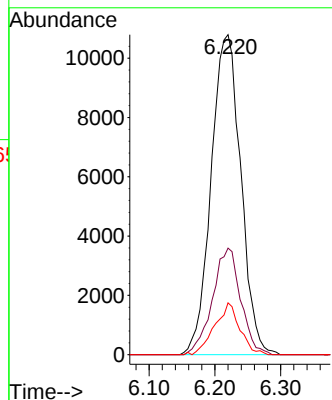
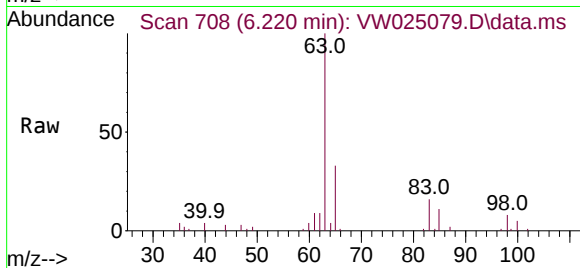




#19
1,1-Dichloroethane
Concen: 2.644 ug/L
RT: 6.220 min Scan# 708
Delta R.T. -0.000 min
Lab File: VW025079.D
Acq: 17 Nov 2022 16:17

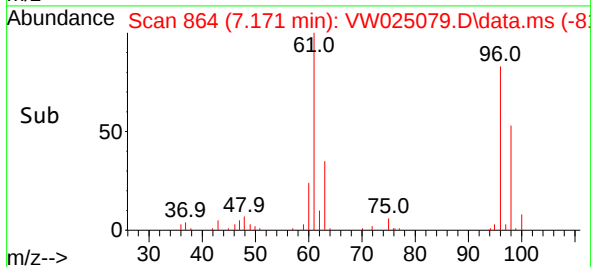
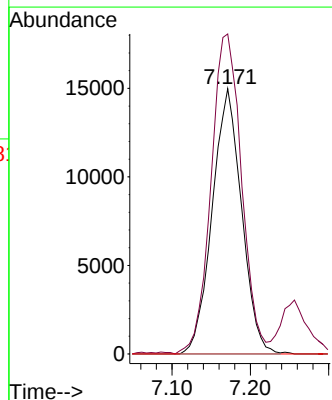
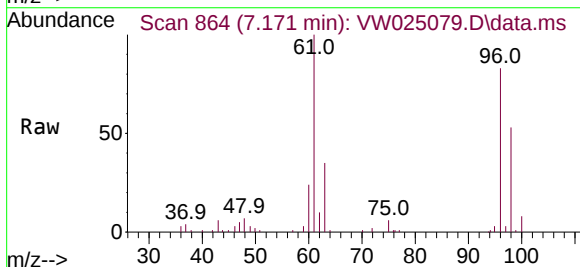
Instrument :
MSVOA_W
ClientSampleId :
COL01

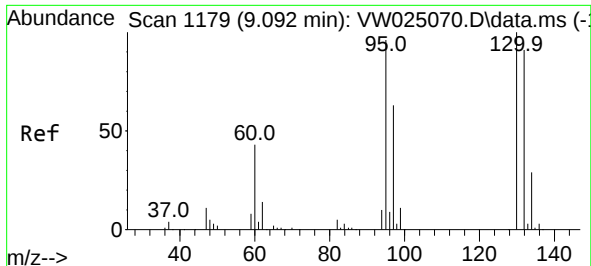
Tgt Ion: 63 Resp: 33883
Ion Ratio Lower Upper
63 100
65 33.3 22.2 41.2
83 16.2 9.7 17.9



#20
cis-1,2-Dichloroethene
Concen: 5.173 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW025079.D
Acq: 17 Nov 2022 16:17

Tgt Ion: 96 Resp: 39019
Ion Ratio Lower Upper
96 100
61 120.6 91.8 170.6
68 0.0 0.0 0.0



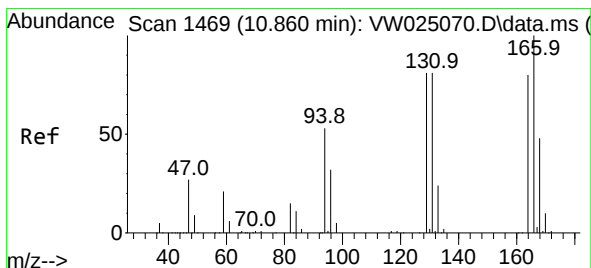
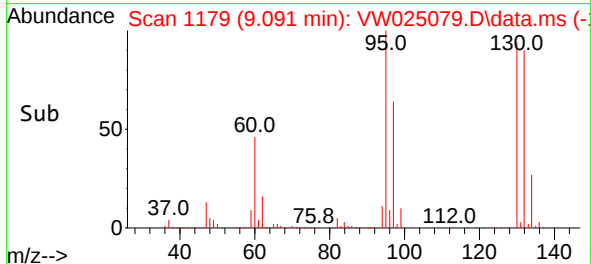
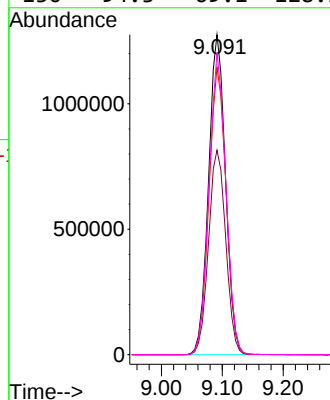
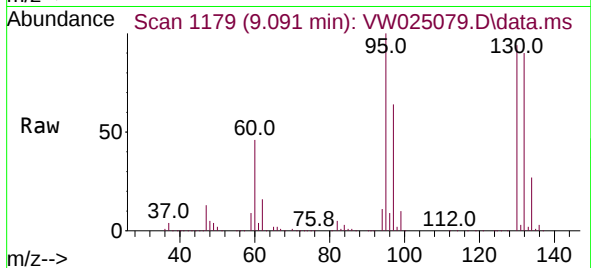


#34
Trichloroethene
Concen: 342.892 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW025079.D
Acq: 17 Nov 2022 16:17

Instrument :
MSVOA_W
ClientSampleId :
COL01

Tgt Ion: 95 Resp: 2460199

Ion	Ratio	Lower	Upper
95	100		
97	63.9	44.7	83.1
132	89.8	62.6	116.2
130	94.3	69.1	128.3



#46
Tetrachloroethene
Concen: 54.300 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW025079.D
Acq: 17 Nov 2022 16:17

Tgt Ion: 164 Resp: 278620

Ion	Ratio	Lower	Upper
164	100		
129	103.5	72.9	135.5
131	95.9	70.1	130.3
166	125.7	80.2	148.9

