

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081622\
 Data File : VW024258.D
 Acq On : 16 Aug 2022 17:02
 Operator : SY/VA
 Sample : N4221-03
 Misc : 6.10g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0KP4

Quant Time: Aug 17 01:03:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Aug 17 01:00:38 2022
 Response via : Initial Calibration

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

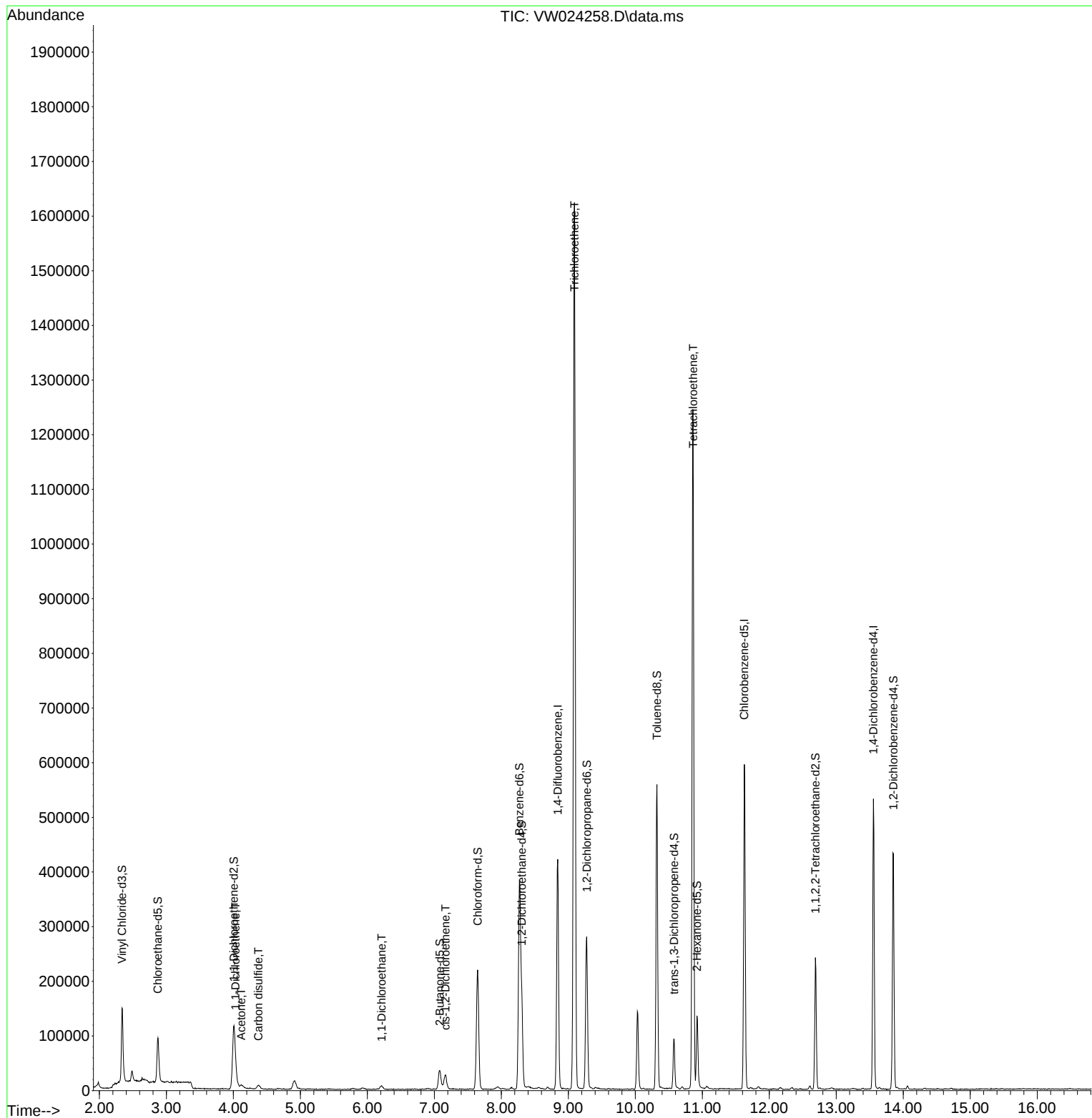
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	342962	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	317251	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	130539	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.337	65	144138	20.106	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.440%
7) Chloroethane-d5	2.873	69	94409	21.141	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.560%
11) 1,1-Dichloroethene-d2	4.007	63	123492	15.115	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.480%
21) 2-Butanone-d5	7.080	46	57089	42.805	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.600%
24) Chloroform-d	7.647	84	215276	20.745	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.000%
26) 1,2-Dichloroethane-d4	8.305	65	120443	20.905	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.640%
32) Benzene-d6	8.269	84	396990	21.218	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.880%
36) 1,2-Dichloropropane-d6	9.274	67	124493	22.536	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.160%
41) Toluene-d8	10.323	98	358872	20.521	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.080%
43) trans-1,3-Dichloroprop...	10.579	79	48593	20.083	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.320%
47) 2-Hexanone-d5	10.921	63	42982	42.124	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.240%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	109348	20.402	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.600%
66) 1,2-Dichlorobenzene-d4	13.853	152	108086	22.627	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.520%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	4.032	96	6858	1.663	ug/L #	1
13) Acetone	4.117	43	9659	9.837	ug/L	92
14) Carbon disulfide	4.373	76	17163	1.301	ug/L	95
19) 1,1-Dichloroethane	6.214	63	4879	0.582	ug/L #	88
20) cis-1,2-Dichloroethene	7.165	96	12370	2.366	ug/L #	92
34) Trichloroethene	9.092	95	533662	107.754	ug/L	94
46) Tetrachloroethene	10.866	164	260939	65.080	ug/L	97

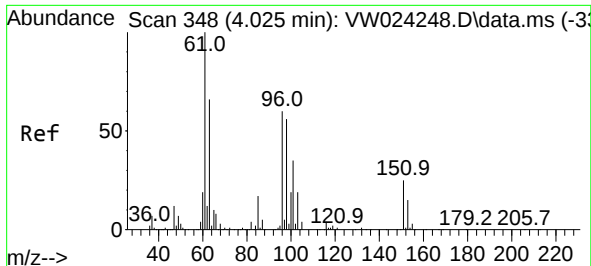
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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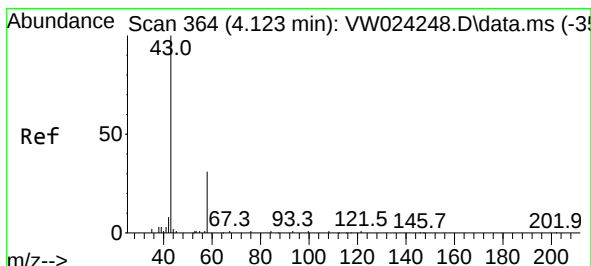
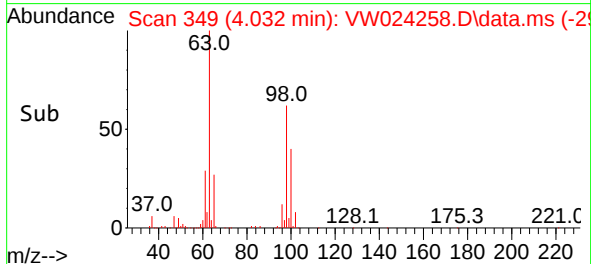
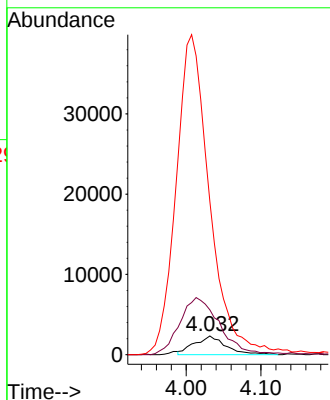
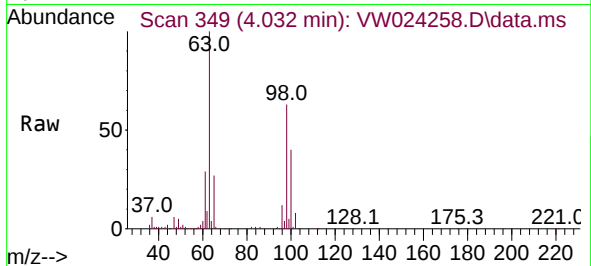




#12
 1,1-Dichloroethene
 Concen: 1.663 ug/L
 RT: 4.032 min Scan# 348
 Delta R.T. 0.006 min
 Lab File: VW024258.D
 Acq: 16 Aug 2022 17:02

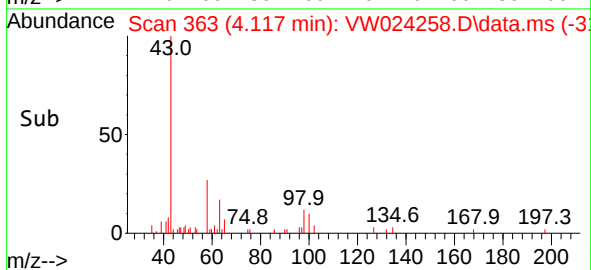
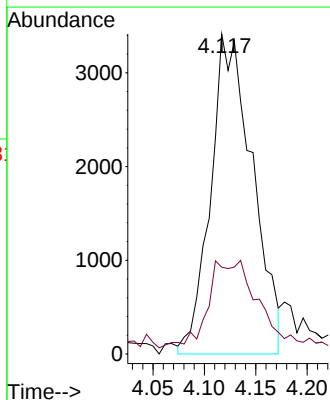
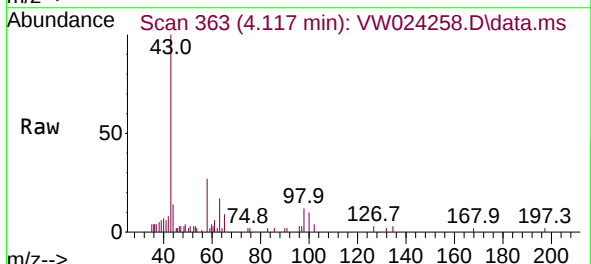
Instrument :
 MSVOA_W
 ClientSampleId :
 C0KP4

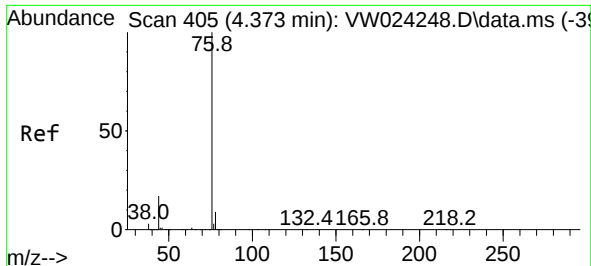
Tgt Ion: 96 Resp: 6858
 Ion Ratio Lower Upper
 96 100
 61 240.3 123.1 228.5#
 63 820.6 84.9 157.7#



#13
 Acetone
 Concen: 9.837 ug/L
 RT: 4.117 min Scan# 363
 Delta R.T. -0.006 min
 Lab File: VW024258.D
 Acq: 16 Aug 2022 17:02

Tgt Ion: 43 Resp: 9659
 Ion Ratio Lower Upper
 43 100
 58 12.7 0.0 31.8

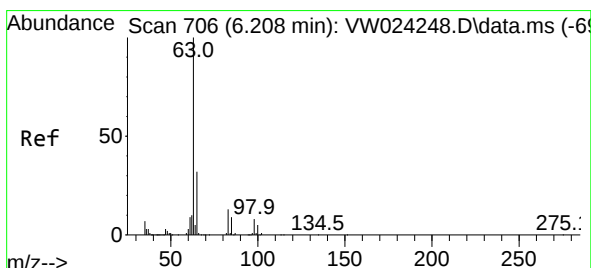
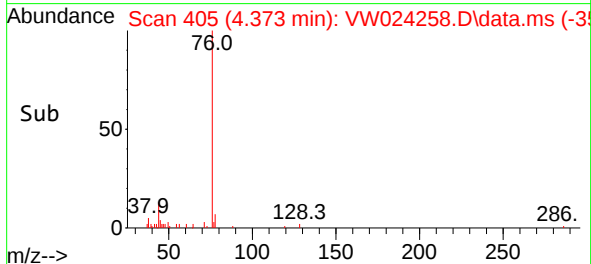
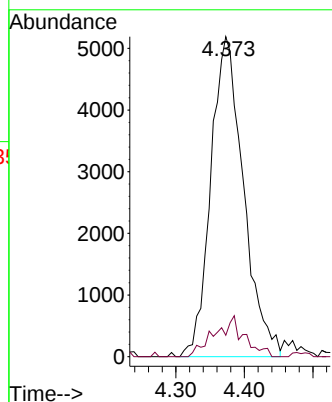
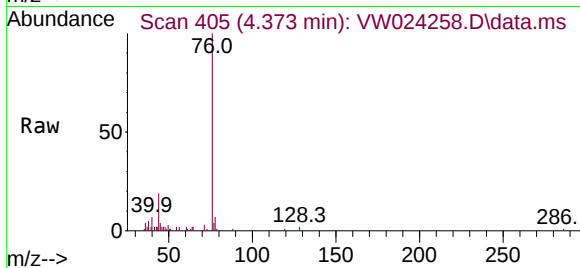




#14
Carbon disulfide
Concen: 1.301 ug/L
RT: 4.373 min Scan# 405
Delta R.T. 0.000 min
Lab File: VW024258.D
Acq: 16 Aug 2022 17:02

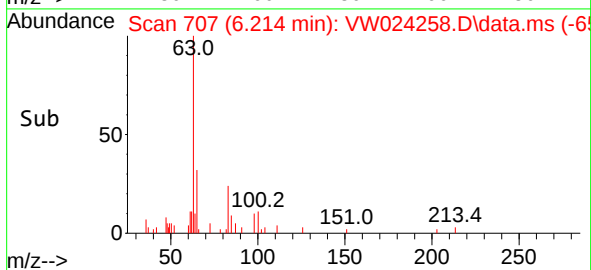
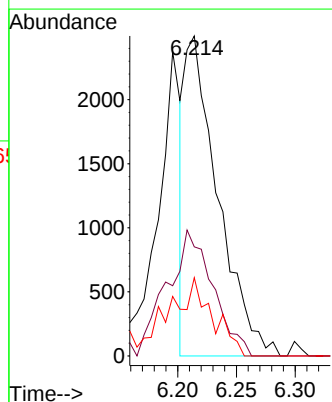
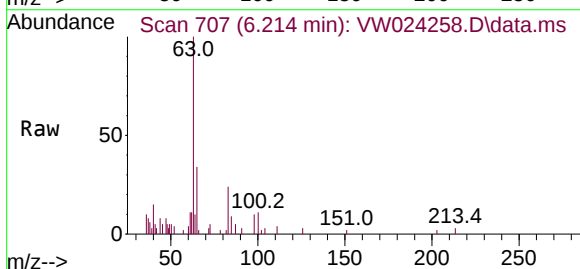
Instrument :
MSVOA_W
ClientSampleId :
C0KP4

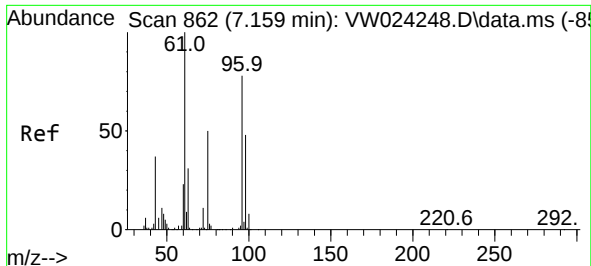
Tgt Ion: 76 Resp: 17163
Ion Ratio Lower Upper
76 100
78 8.1 7.9 11.9



#19
1,1-Dichloroethane
Concen: 0.582 ug/L
RT: 6.214 min Scan# 707
Delta R.T. 0.006 min
Lab File: VW024258.D
Acq: 16 Aug 2022 17:02

Tgt Ion: 63 Resp: 4879
Ion Ratio Lower Upper
63 100
65 34.1 22.0 41.0
83 24.4 9.2 17.0#

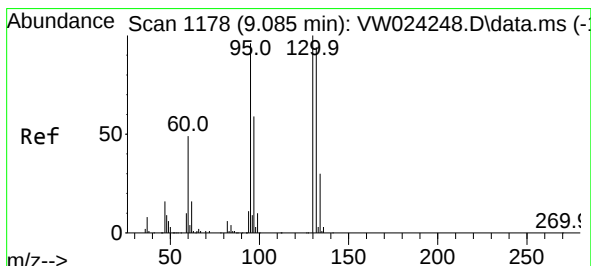
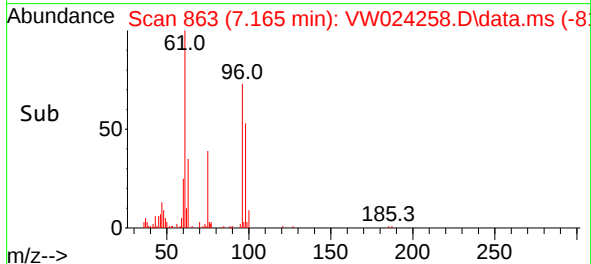
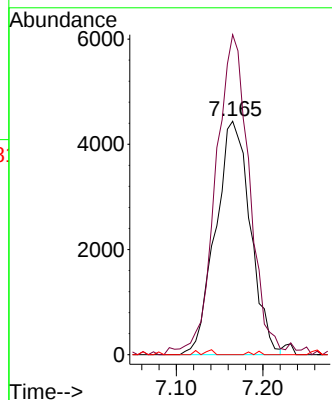
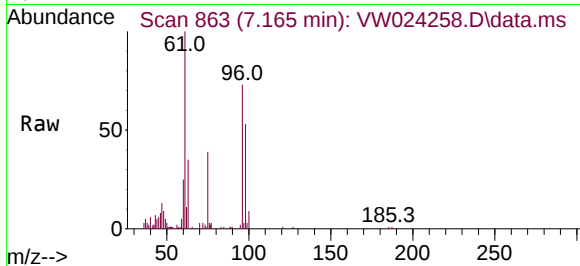




#20
 cis-1,2-Dichloroethene
 Concen: 2.366 ug/L
 RT: 7.165 min Scan# 862
 Delta R.T. 0.006 min
 Lab File: VW024258.D
 Acq: 16 Aug 2022 17:02

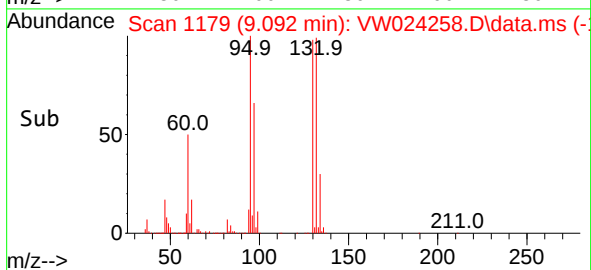
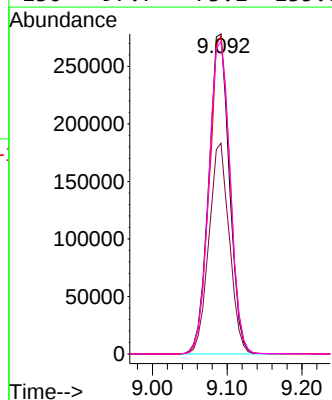
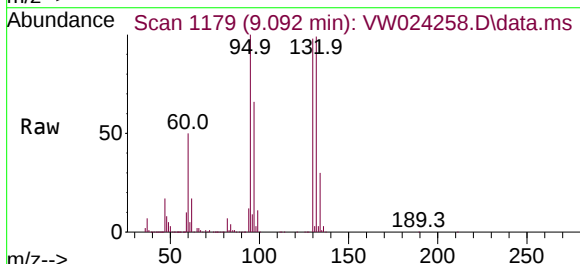
Instrument :
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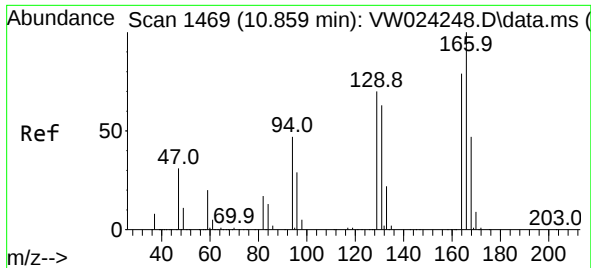
Tgt Ion: 96 Resp: 12370
 Ion Ratio Lower Upper
 96 100
 61 137.1 89.5 166.3
 68 0.0 0.1 0.1#



#34
 Trichloroethene
 Concen: 107.754 ug/L
 RT: 9.092 min Scan# 1179
 Delta R.T. 0.006 min
 Lab File: VW024258.D
 Acq: 16 Aug 2022 17:02

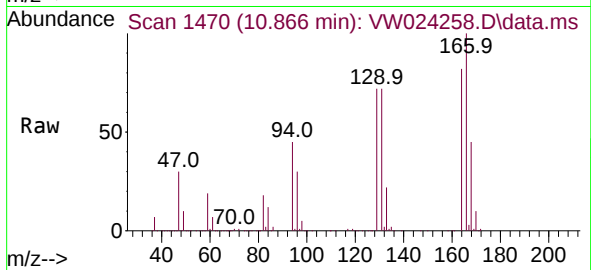
Tgt Ion: 95 Resp: 533662
 Ion Ratio Lower Upper
 95 100
 97 65.8 41.6 77.2
 132 99.4 67.0 124.4
 130 97.7 73.1 135.8





#46
 Tetrachloroethene
 Concen: 65.080 ug/L
 RT: 10.866 min Scan# 14
 Delta R.T. 0.006 min
 Lab File: VW024258.D
 Acq: 16 Aug 2022 17:02

Instrument :
 MSVOA_W
 ClientSampleId :
 C0KP4



Tgt Ion:	164	Resp:	260939
Ion	Ratio	Lower	Upper
164	100		
129	87.6	63.1	117.3
131	87.9	63.9	118.7
166	121.9	86.8	161.2

