

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081722\
 Data File : VW024266.D
 Acq On : 17 Aug 2022 11:41
 Operator : SY/VA
 Sample : N4221-03RE
 Misc : 5.49g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0KP4

Quant Time: Aug 18 01:04:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Aug 18 01:04:13 2022
 Response via : Initial Calibration

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

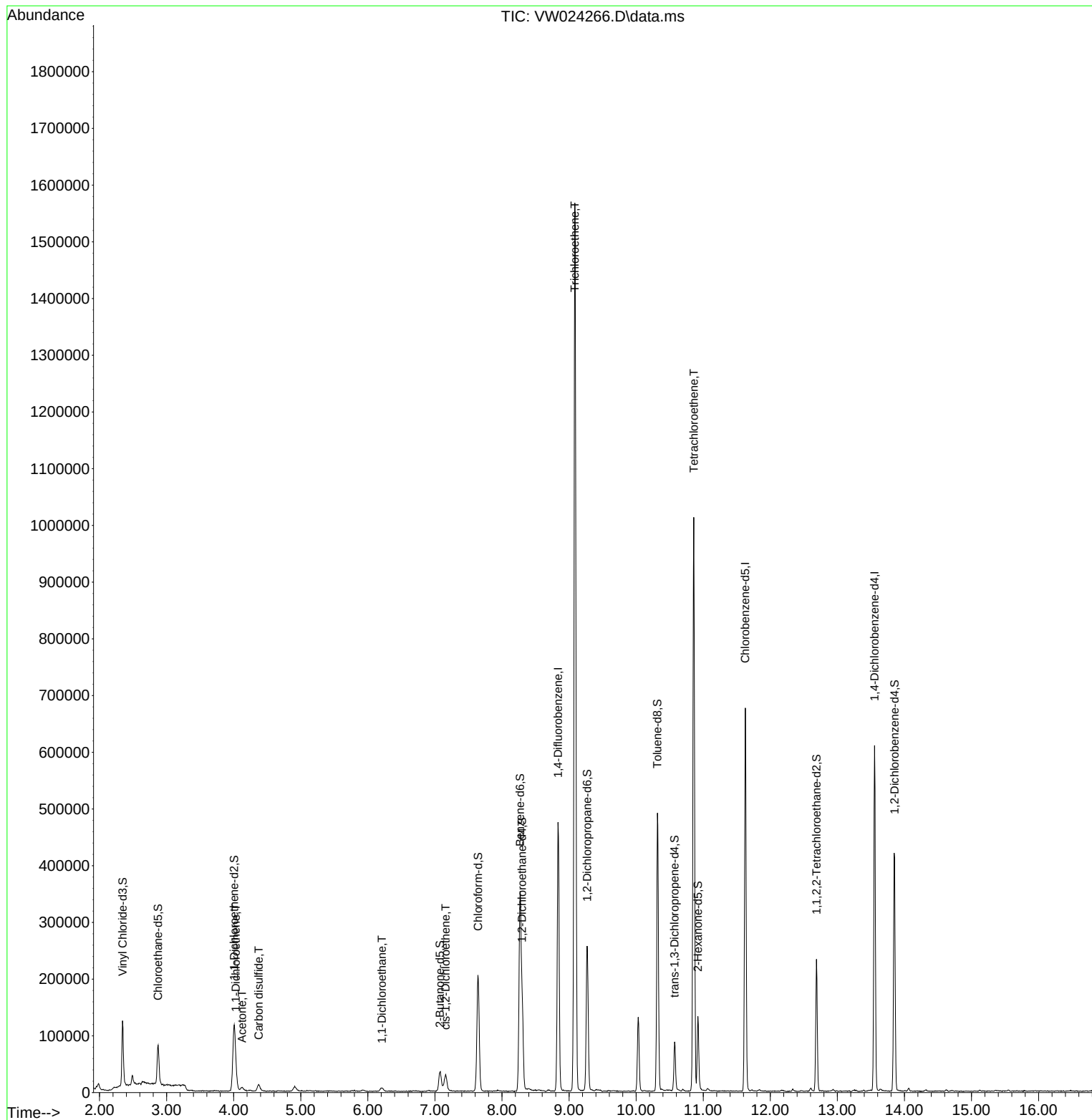
Internal Standards						
1) 1,4-Difluorobenzene	8.835	114	386515	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	351982	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	152969	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	109854	13.597	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	54.400%
7) Chloroethane-d5	2.873	69	78297	15.557	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.240%
11) 1,1-Dichloroethene-d2	4.007	63	114205	12.404	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	49.600%
21) 2-Butanone-d5	7.074	46	55931	37.211	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.420%
24) Chloroform-d	7.641	84	205031	17.531	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	70.120%
26) 1,2-Dichloroethane-d4	8.299	65	110705	17.050	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	68.200%#
32) Benzene-d6	8.269	84	357790	17.236	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	68.960%
36) 1,2-Dichloropropane-d6	9.268	67	111961	18.267	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	73.080%
41) Toluene-d8	10.317	98	321439	16.567	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	66.280%
43) trans-1,3-Dichloroprop...	10.573	79	45841	17.076	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	68.320%
47) 2-Hexanone-d5	10.921	63	41743	36.873	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.740%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	105299	17.708	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	70.840%
66) 1,2-Dichlorobenzene-d4	13.853	152	111674	19.950	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	79.800%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.031	96	9241	1.989	ug/L #	1
13) Acetone	4.123	43	10567	9.549	ug/L	85
14) Carbon disulfide	4.373	76	25370	1.706	ug/L #	91
19) 1,1-Dichloroethane	6.208	63	8297	0.878	ug/L	91
20) cis-1,2-Dichloroethene	7.159	96	12837	2.178	ug/L #	87
34) Trichloroethene	9.085	95	515326	93.784	ug/L	96
46) Tetrachloroethene	10.860	164	210561	47.334	ug/L	87

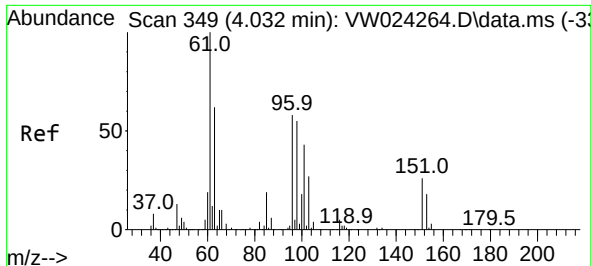
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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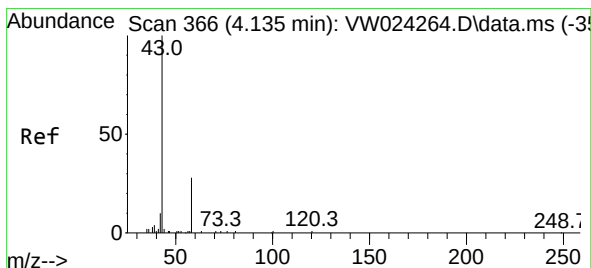
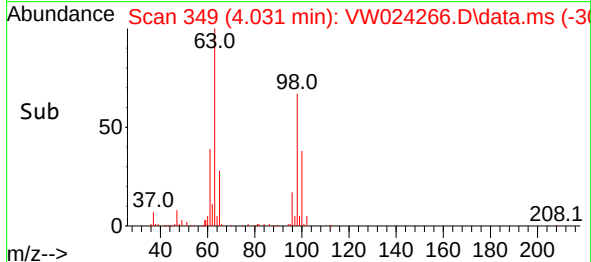
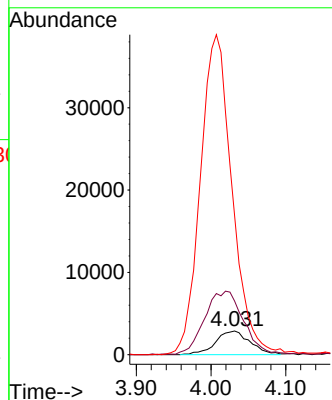
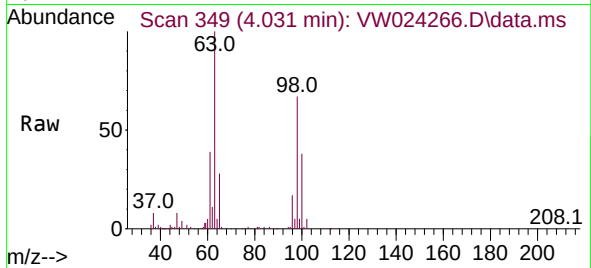




#12
1,1-Dichloroethene
Concen: 1.989 ug/L
RT: 4.031 min Scan# 349
Delta R.T. -0.000 min
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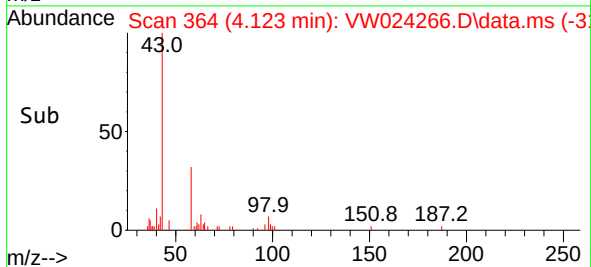
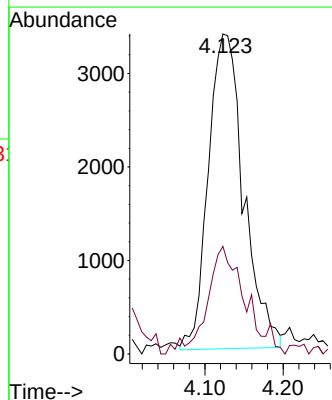
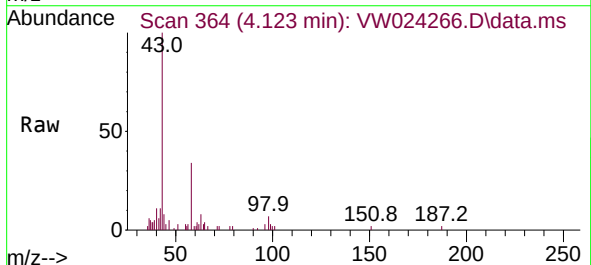
Instrument :
MSVOA_W
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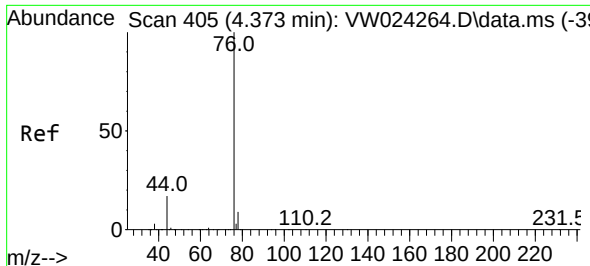
Tgt Ion: 96 Resp: 9241
Ion Ratio Lower Upper
96 100
61 227.0 123.1 228.5
63 588.8 84.9 157.7#



#13
Acetone
Concen: 9.549 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.012 min
Lab File: VW024266.D
Acq: 17 Aug 2022 11:41

Tgt Ion: 43 Resp: 10567
Ion Ratio Lower Upper
43 100
58 22.4 0.0 31.8

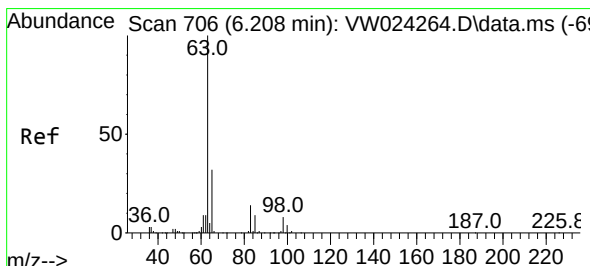
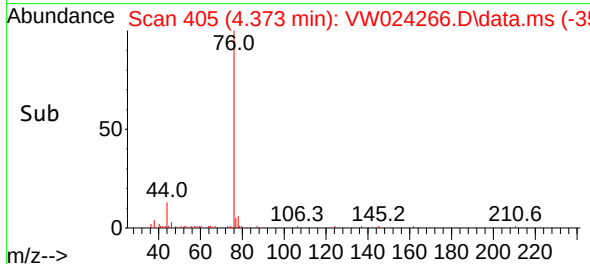
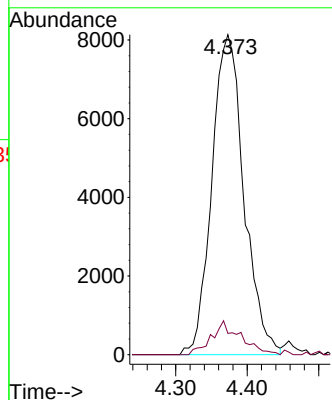
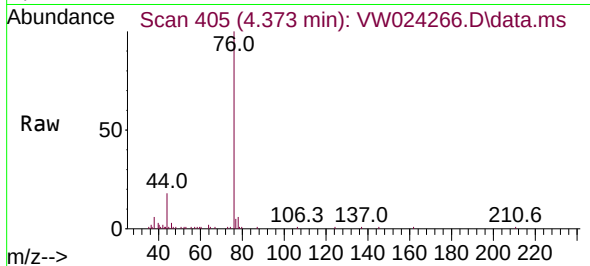




#14
Carbon disulfide
Concen: 1.706 ug/L
RT: 4.373 min Scan# 405
Delta R.T. -0.000 min
Lab File: VW024266.D
Acq: 17 Aug 2022 11:41

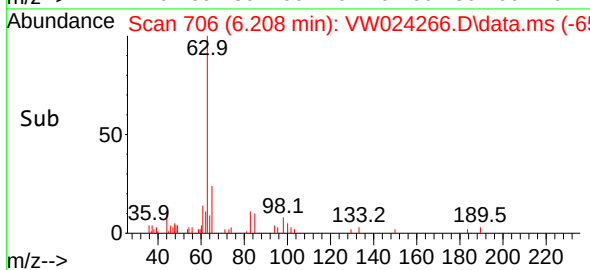
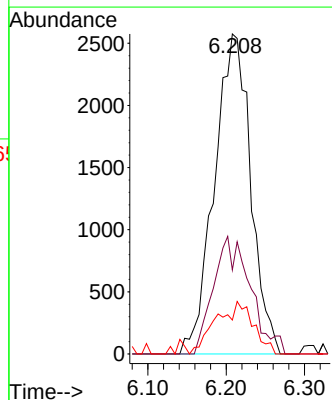
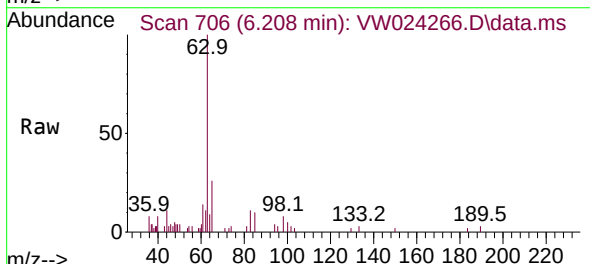
Instrument :
MSVOA_W
ClientSampleId :
C0KP4

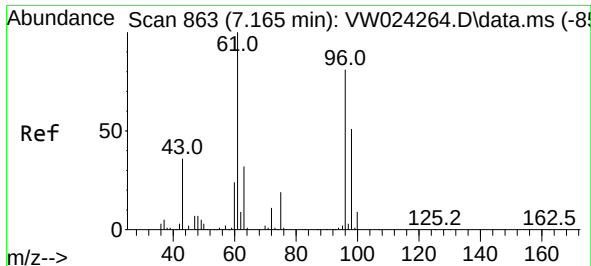
Tgt Ion: 76 Resp: 25370
Ion Ratio Lower Upper
76 100
78 6.7 7.9 11.9#



#19
1,1-Dichloroethane
Concen: 0.878 ug/L
RT: 6.208 min Scan# 706
Delta R.T. -0.000 min
Lab File: VW024266.D
Acq: 17 Aug 2022 11:41

Tgt Ion: 63 Resp: 8297
Ion Ratio Lower Upper
63 100
65 26.3 22.0 41.0
83 10.6 9.2 17.0

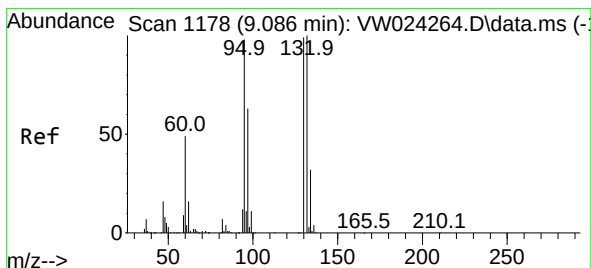
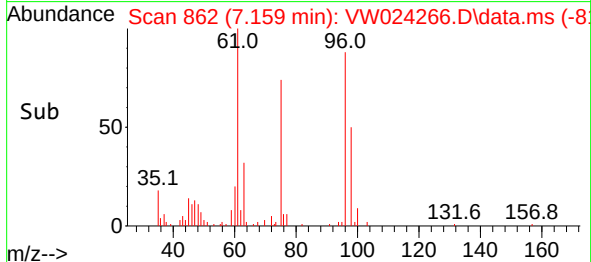
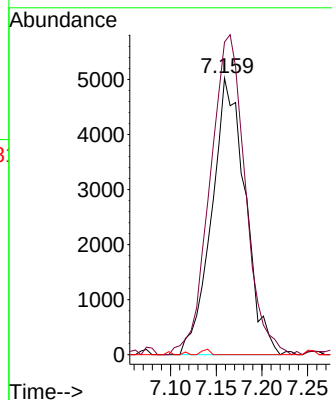
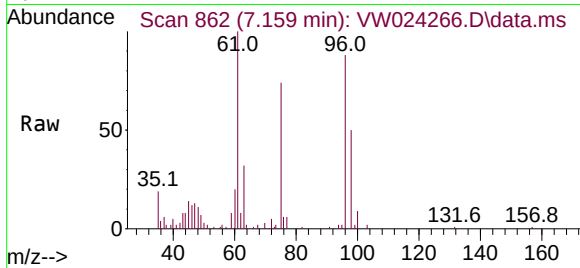




#20
 cis-1,2-Dichloroethene
 Concen: 2.178 ug/L
 RT: 7.159 min Scan# 862
 Delta R.T. -0.006 min
 Lab File: VW024266.D
 Acq: 17 Aug 2022 11:41

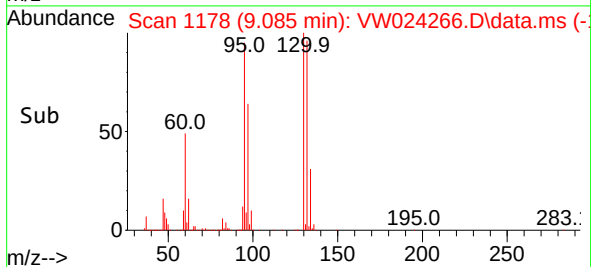
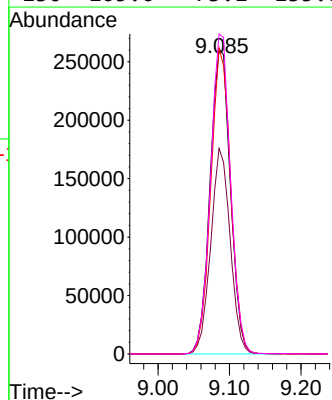
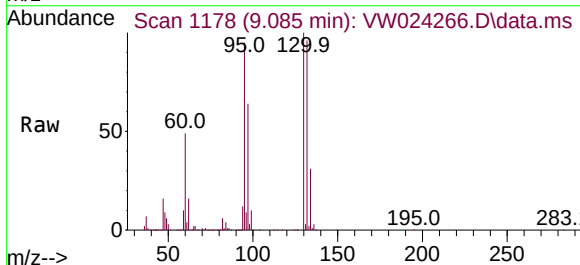
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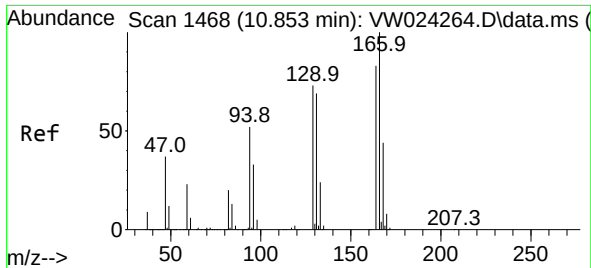
Tgt Ion: 96 Resp: 12837
 Ion Ratio Lower Upper
 96 100
 61 113.1 89.5 166.3
 68 0.0 0.1 0.1#



#34
 Trichloroethene
 Concen: 93.784 ug/L
 RT: 9.085 min Scan# 1178
 Delta R.T. -0.000 min
 Lab File: VW024266.D
 Acq: 17 Aug 2022 11:41

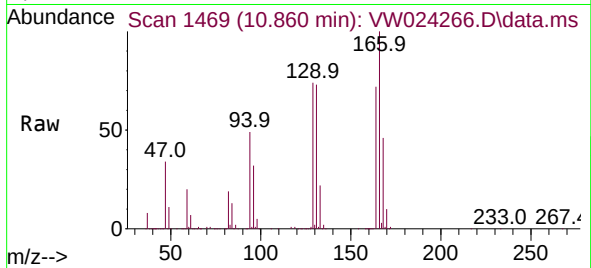
Tgt Ion: 95 Resp: 515326
 Ion Ratio Lower Upper
 95 100
 97 67.4 41.6 77.2
 132 100.4 67.0 124.4
 130 105.0 73.1 135.8





#46
 Tetrachloroethene
 Concen: 47.334 ug/L
 RT: 10.860 min Scan# 1469
 Delta R.T. 0.006 min
 Lab File: VW024266.D
 Acq: 17 Aug 2022 11:41

Instrument :
 MSVOA_W
 ClientSampleId :
 C0KP4



Tgt Ion:	164	Resp:	210561
Ion	Ratio	Lower	Upper
164	100		
129	103.5	63.1	117.3
131	101.6	63.9	118.7
166	139.7	86.8	161.2

