

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081622\
 Data File : VW024260.D
 Acq On : 16 Aug 2022 17:51
 Operator : SY/VA
 Sample : N4221-06
 Misc : 6.51g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0KP8

Quant Time: Aug 17 01:04:02 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

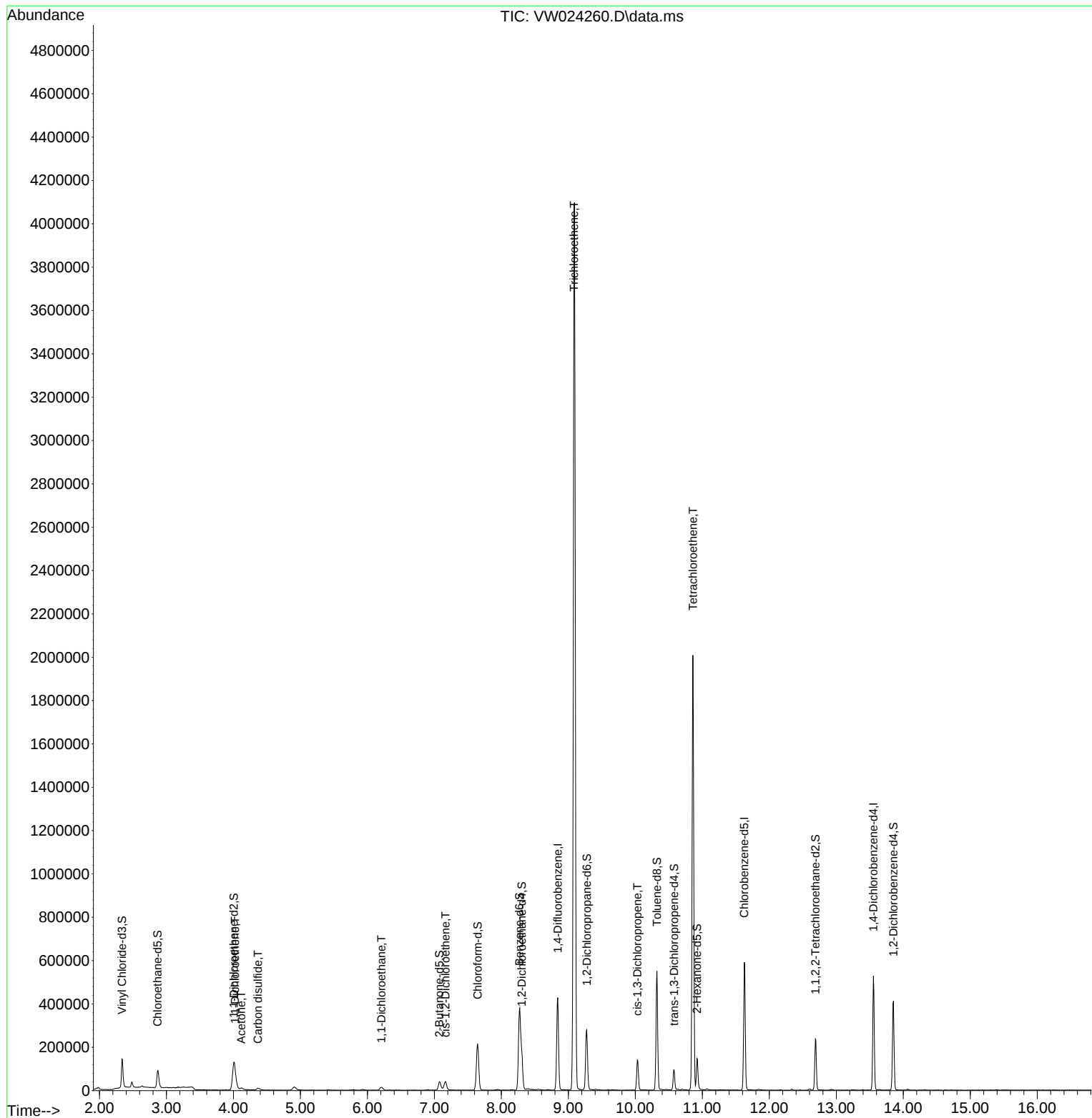
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	343643	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	311823	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	124404	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.337	65	133918	18.644	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.560%
7) Chloroethane-d5	2.867	69	91403	20.427	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.720%
11) 1,1-Dichloroethene-d2	4.007	63	128912	15.748	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.000%
21) 2-Butanone-d5	7.074	46	61001	45.647	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.300%
24) Chloroform-d	7.647	84	214068	20.588	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.360%
26) 1,2-Dichloroethane-d4	8.305	65	120741	20.916	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.680%
32) Benzene-d6	8.268	84	384895	20.929	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.720%
36) 1,2-Dichloropropane-d6	9.274	67	123902	22.819	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.280%
41) Toluene-d8	10.323	98	348292	20.262	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.040%
43) trans-1,3-Dichloroprop...	10.579	79	50277	21.140	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.560%
47) 2-Hexanone-d5	10.920	63	46317	46.183	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.360%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	113410	21.528	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.120%
66) 1,2-Dichlorobenzene-d4	13.853	152	101597	22.317	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.280%
Target Compounds						
12) 1,1-Dichloroethene	4.025	96	20959	5.073	ug/L #	6
13) Acetone	4.117	43	13114	13.329	ug/L	87
14) Carbon disulfide	4.367	76	21117	1.597	ug/L	98
19) 1,1-Dichloroethane	6.208	63	17931	2.134	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	20363	3.886	ug/L #	100
34) Trichloroethene	9.085	95	1379338	283.356	ug/L	94
39) cis-1,3-Dichloropropene	10.030	75	4365	0.652	ug/L #	77
46) Tetrachloroethene	10.859	164	411340	104.377	ug/L	95

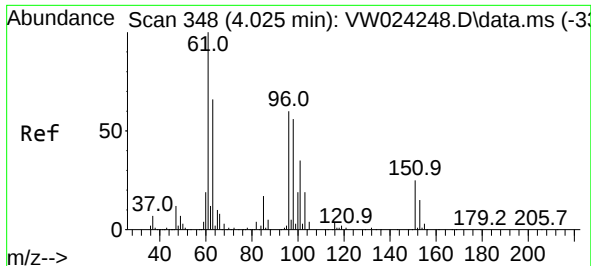
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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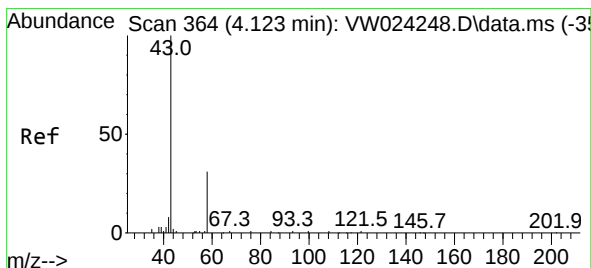
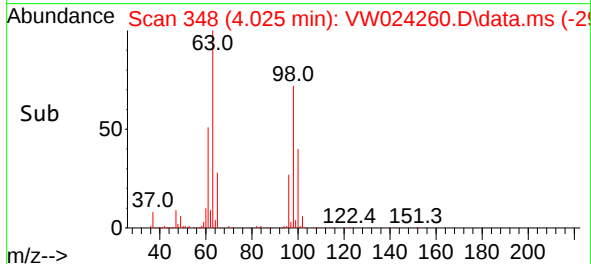
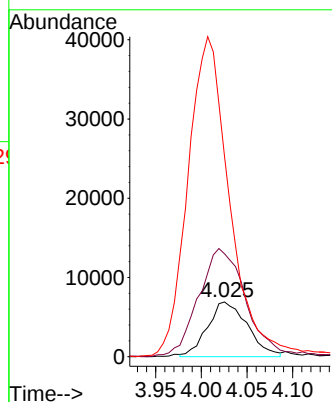
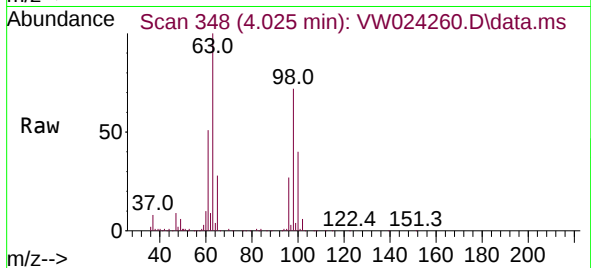




#12
1,1-Dichloroethene
Concen: 5.073 ug/L
RT: 4.025 min Scan# 34
Delta R.T. 0.000 min
Lab File: VW024260.D
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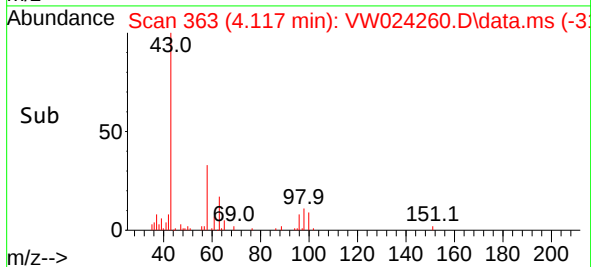
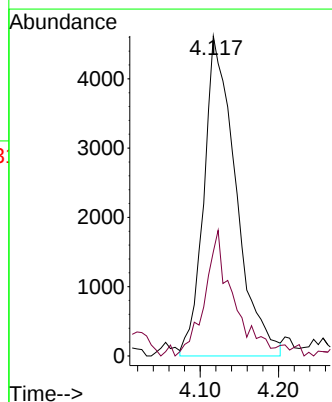
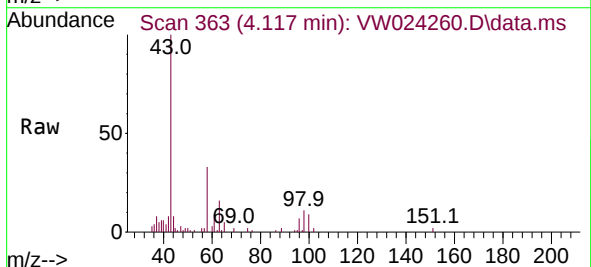
Instrument :
MSVOA_W
ClientSampleId :
C0KP8

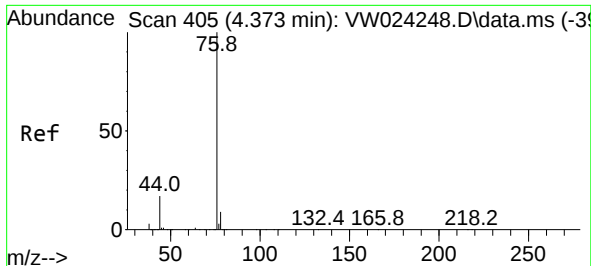
Tgt Ion: 96 Resp: 20959
Ion Ratio Lower Upper
96 100
61 187.7 123.1 228.5
63 365.7 84.9 157.7#



#13
Acetone
Concen: 13.329 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.006 min
Lab File: VW024260.D
Acq: 16 Aug 2022 17:51

Tgt Ion: 43 Resp: 13114
Ion Ratio Lower Upper
43 100
58 21.2 0.0 31.8

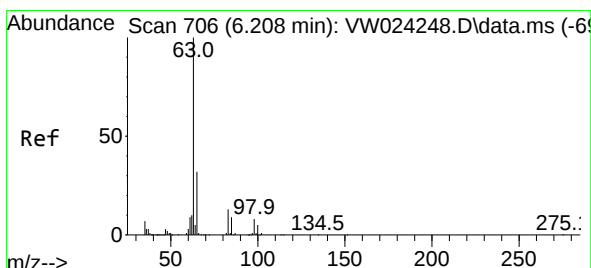
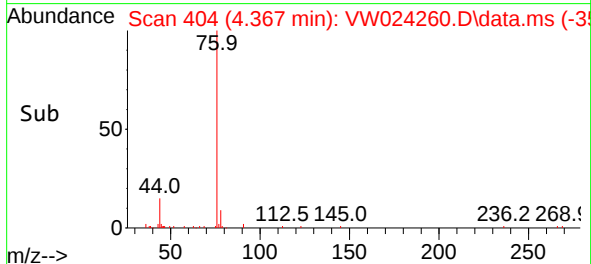
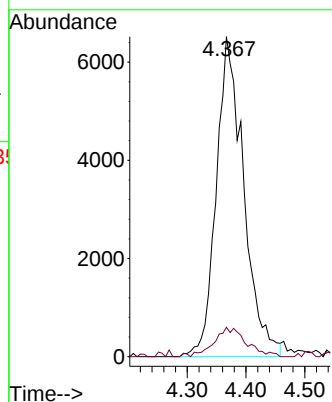
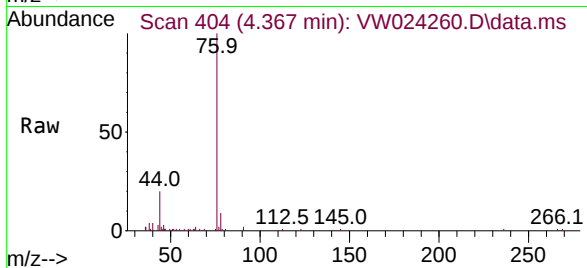




#14
Carbon disulfide
Concen: 1.597 ug/L
RT: 4.367 min Scan# 405
Delta R.T. -0.006 min
Lab File: VW024260.D
Acq: 16 Aug 2022 17:51

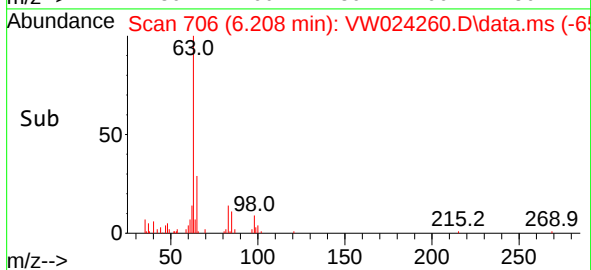
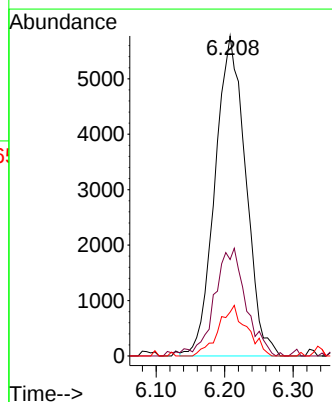
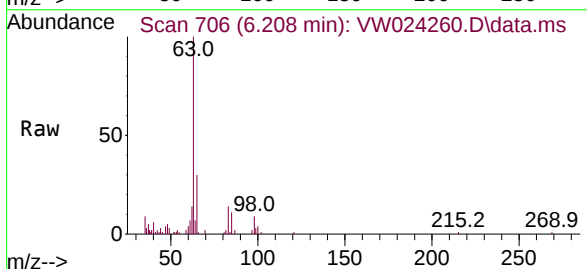
Instrument :
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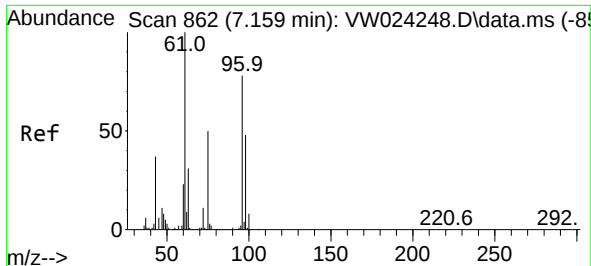
Tgt Ion: 76 Resp: 21117
Ion Ratio Lower Upper
76 100
78 9.2 7.9 11.9



#19
1,1-Dichloroethane
Concen: 2.134 ug/L
RT: 6.208 min Scan# 706
Delta R.T. 0.000 min
Lab File: VW024260.D
Acq: 16 Aug 2022 17:51

Tgt Ion: 63 Resp: 17931
Ion Ratio Lower Upper
63 100
65 30.1 22.0 41.0
83 13.7 9.2 17.0

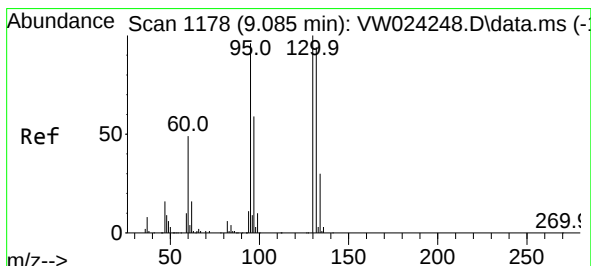
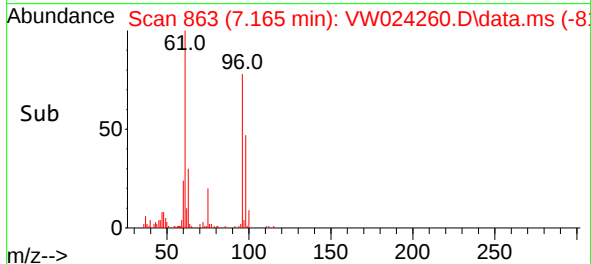
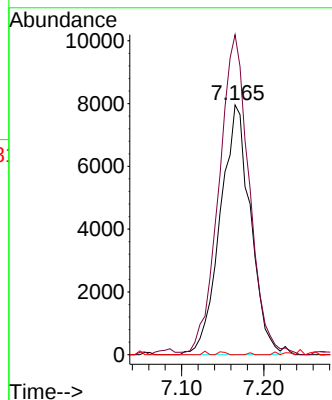
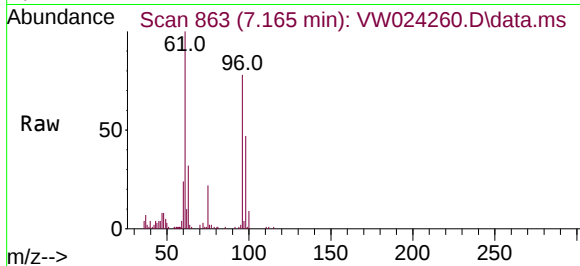




#20
cis-1,2-Dichloroethene
Concen: 3.886 ug/L
RT: 7.165 min Scan# 862
Delta R.T. 0.006 min
Lab File: VW024260.D
Acq: 16 Aug 2022 17:51

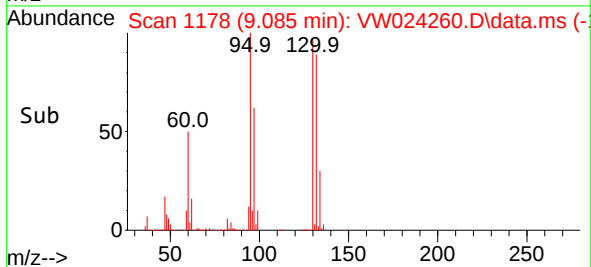
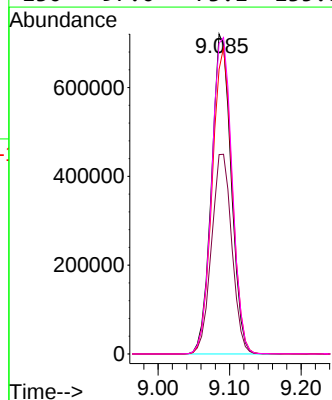
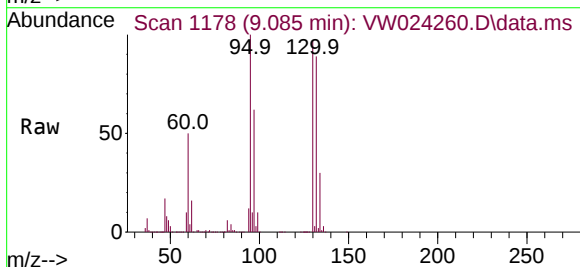
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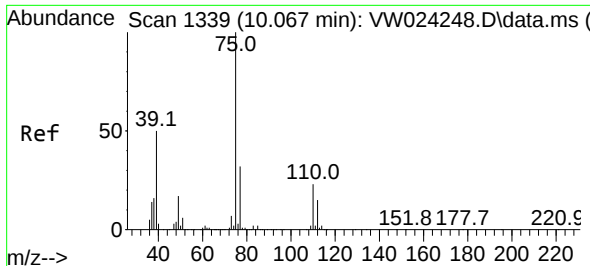
Tgt Ion: 96 Resp: 20363
Ion Ratio Lower Upper
96 100
61 128.1 89.5 166.3
68 0.0 0.1 0.1#



#34
Trichloroethene
Concen: 283.356 ug/L
RT: 9.085 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VW024260.D
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Tgt Ion: 95 Resp: 1379338
Ion Ratio Lower Upper
95 100
97 62.3 41.6 77.2
132 89.0 67.0 124.4
130 97.0 73.1 135.8

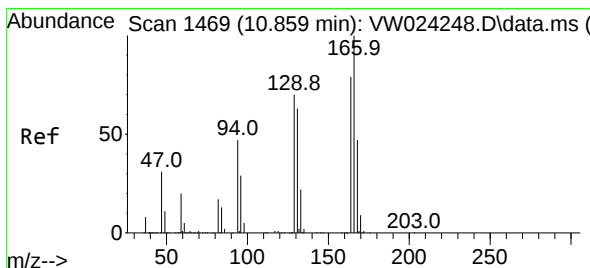
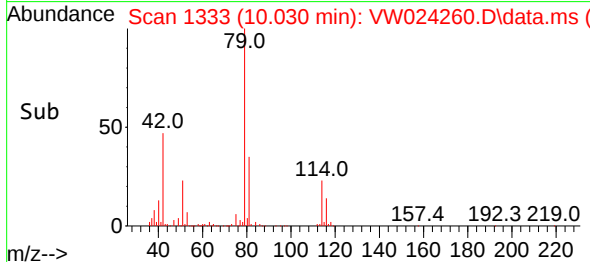
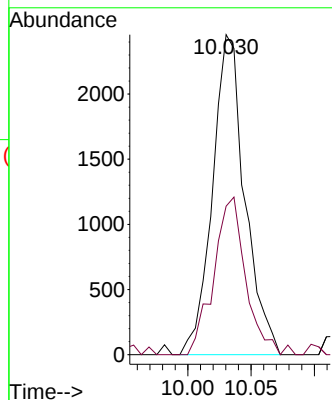
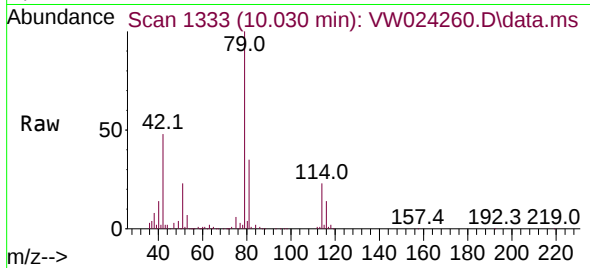




#39
 cis-1,3-Dichloropropene
 Concen: 0.652 ug/L
 RT: 10.030 min Scan# 11
 Delta R.T. -0.036 min
 Lab File: VW024260.D
 Acq: 16 Aug 2022 17:51

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 MSVOA_W
 ClientSampleId :
 C0KP8

Tgt Ion: 75 Resp: 4365
 Ion Ratio Lower Upper
 75 100
 77 46.4 23.4 43.6#



#46
 Tetrachloroethene
 Concen: 104.377 ug/L
 RT: 10.859 min Scan# 1469
 Delta R.T. 0.000 min
 Lab File: VW024260.D
 Acq: 16 Aug 2022 17:51

Tgt Ion:164 Resp: 411340
 Ion Ratio Lower Upper
 164 100
 129 94.2 63.1 117.3
 131 96.3 63.9 118.7
 166 130.1 86.8 161.2

