

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081622\
 Data File : VW024257.D
 Acq On : 16 Aug 2022 16:38
 Operator : SY/VA
 Sample : N4221-01
 Misc : 6.30g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0KP2

Quant Time: Aug 17 01:03:21 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)

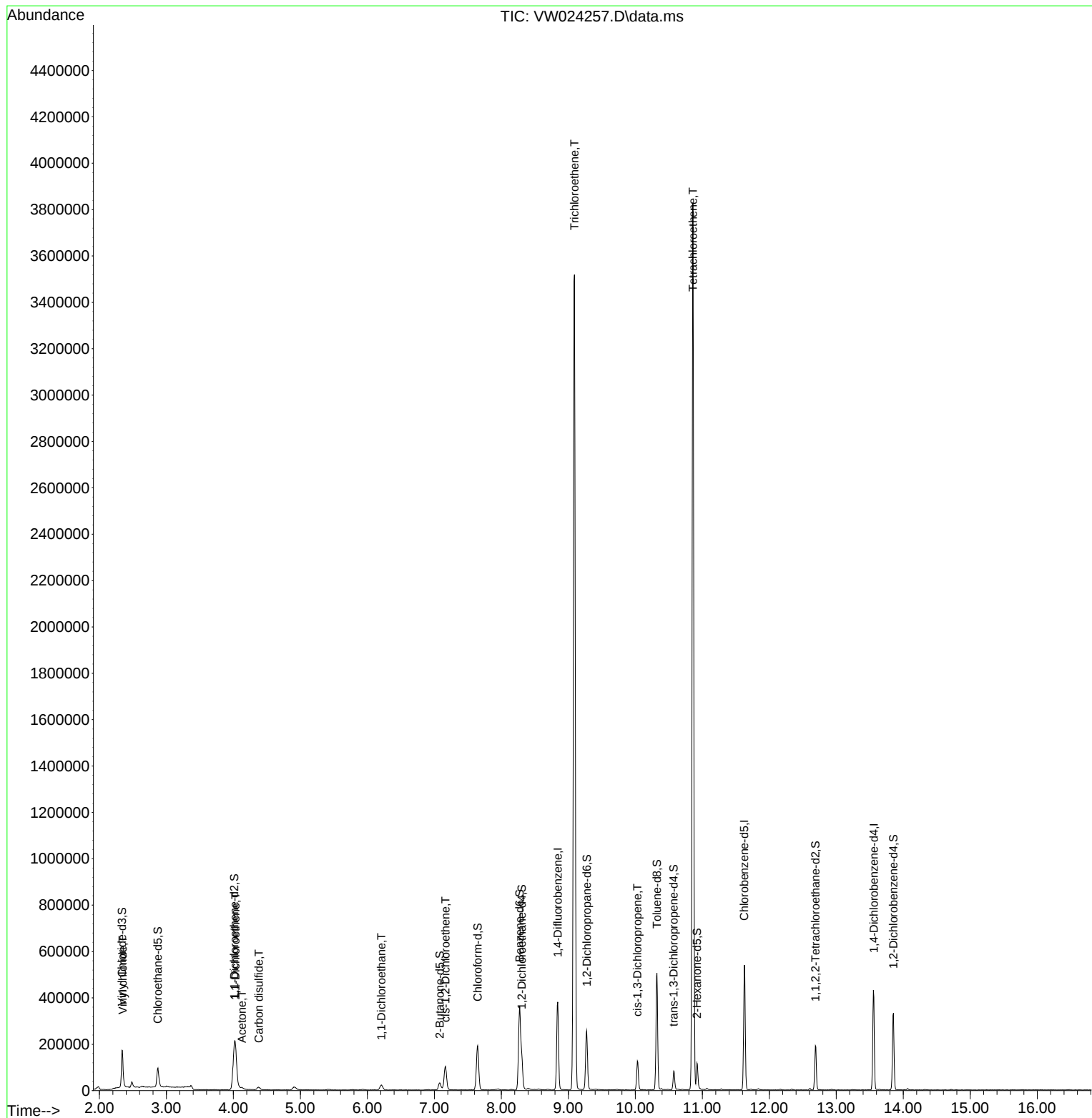
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	297635	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	281510	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	101375	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.337	65	144877	23.287	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.160%
7) Chloroethane-d5	2.873	69	94158	24.296	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.200%
11) 1,1-Dichloroethene-d2	4.013	63	157971	22.280	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.120%
21) 2-Butanone-d5	7.080	46	48514	41.915	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.820%
24) Chloroform-d	7.647	84	187741	20.847	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.400%
26) 1,2-Dichloroethane-d4	8.305	65	105938	21.188	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.760%
32) Benzene-d6	8.275	84	350477	21.110	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.440%
36) 1,2-Dichloropropane-d6	9.274	67	112495	22.949	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.800%
41) Toluene-d8	10.323	98	330369	21.289	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.160%
43) trans-1,3-Dichloroprop...	10.573	79	43636	20.324	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.280%
47) 2-Hexanone-d5	10.920	63	36819	40.665	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.340%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	93232	19.603	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	78.400%
66) 1,2-Dichlorobenzene-d4	13.853	152	79837	21.521	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.080%
Target Compounds						Qvalue
5) Vinyl chloride	2.349	62	23822	3.485	ug/L	87
12) 1,1-Dichloroethene	4.031	96	91603	25.600	ug/L	95
13) Acetone	4.129	43	11052	12.969	ug/L	90
14) Carbon disulfide	4.379	76	25571	2.233	ug/L #	88
19) 1,1-Dichloroethane	6.208	63	29091	3.997	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	55060	12.133	ug/L #	99
34) Trichloroethene	9.092	95	1189504	270.671	ug/L	90
39) cis-1,3-Dichloropropene	10.030	75	3952	0.654	ug/L #	62
46) Tetrachloroethene	10.860	164	711195	199.898	ug/L	87

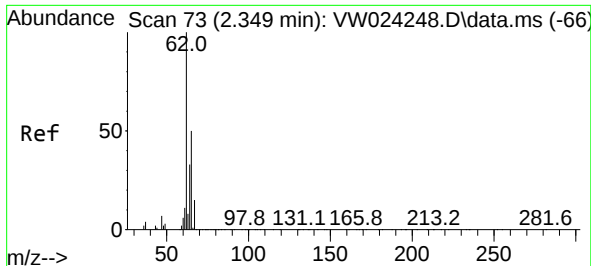
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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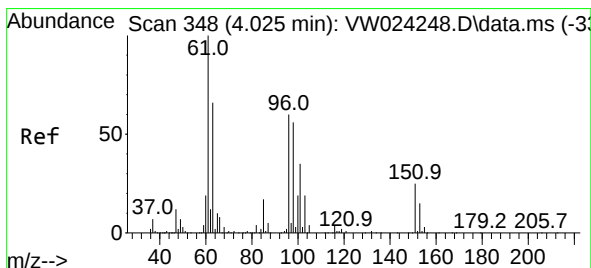
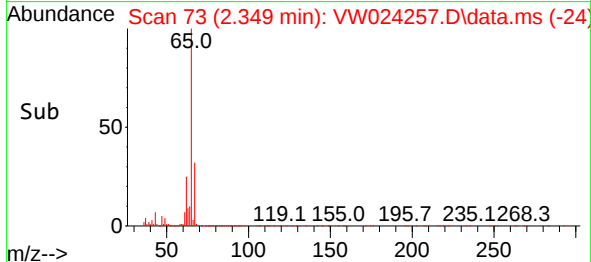
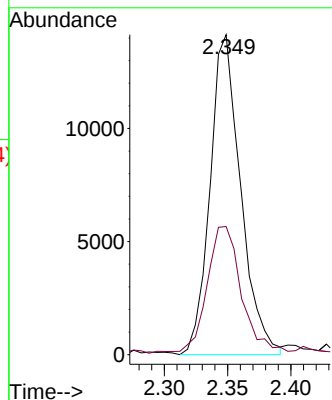
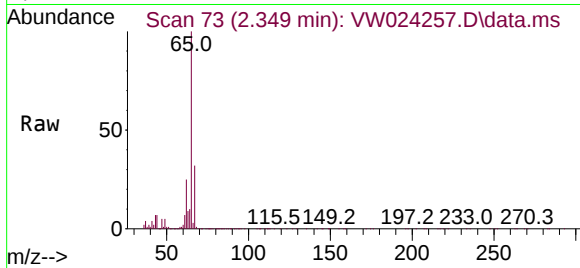




#5
 Vinyl chloride
 Concen: 3.485 ug/L
 RT: 2.349 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VW024257.D
 Acq: 16 Aug 2022 16:38

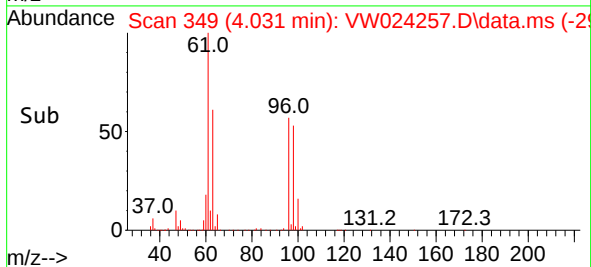
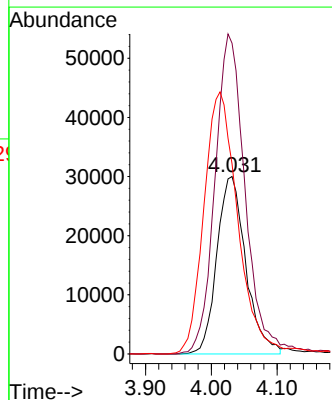
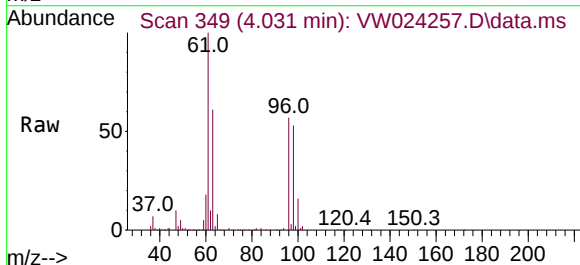
Instrument :
 MSVOA_W
 ClientSampleId :
 C0KP2

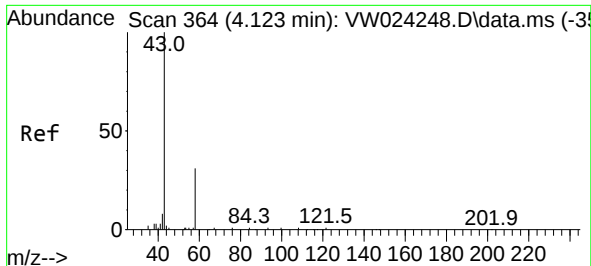
Tgt Ion: 62 Resp: 23822
 Ion Ratio Lower Upper
 62 100
 64 40.0 22.7 42.3



#12
 1,1-Dichloroethene
 Concen: 25.600 ug/L
 RT: 4.031 min Scan# 349
 Delta R.T. 0.006 min
 Lab File: VW024257.D
 Acq: 16 Aug 2022 16:38

Tgt Ion: 96 Resp: 91603
 Ion Ratio Lower Upper
 96 100
 61 175.1 123.1 228.5
 63 107.1 84.9 157.7

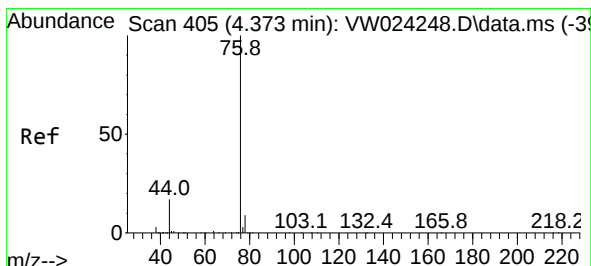
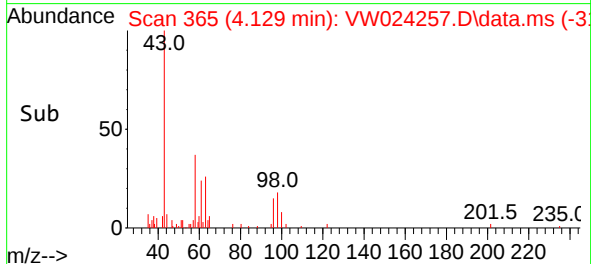
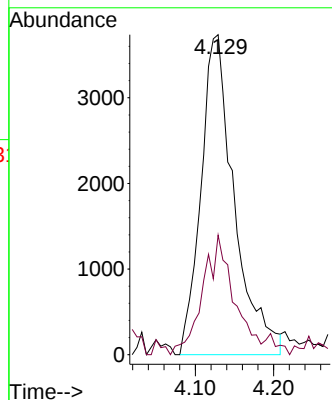
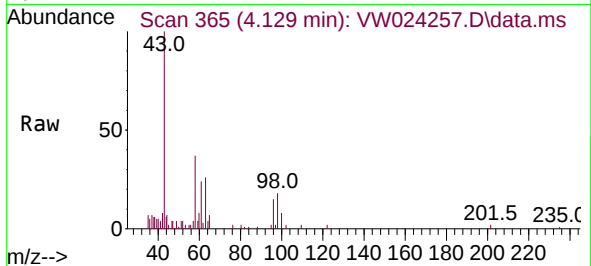




#13
Acetone
Concen: 12.969 ug/L
RT: 4.129 min Scan# 30
Delta R.T. 0.006 min
Lab File: VW024257.D
Acq: 16 Aug 2022 16:38

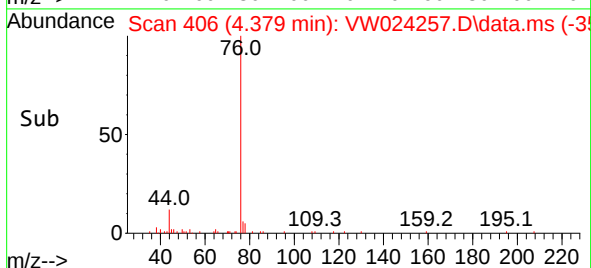
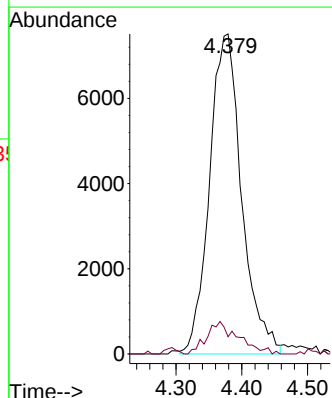
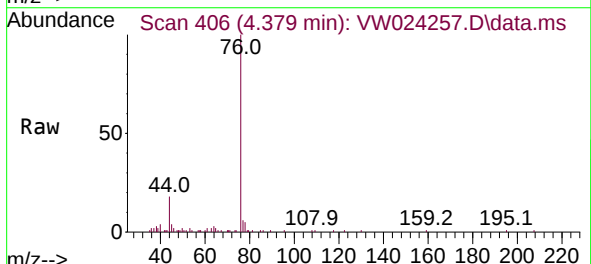
Instrument :
MSVOA_W
ClientSampleId :
C0KP2

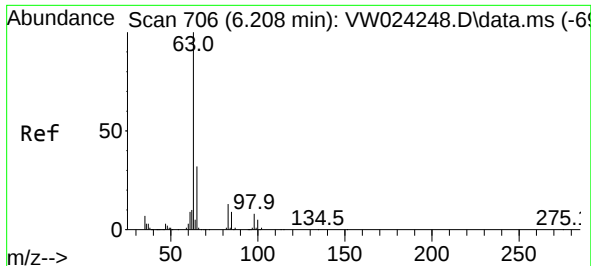
Tgt Ion: 43 Resp: 11052
Ion Ratio Lower Upper
43 100
58 20.3 0.0 31.8



#14
Carbon disulfide
Concen: 2.233 ug/L
RT: 4.379 min Scan# 406
Delta R.T. 0.006 min
Lab File: VW024257.D
Acq: 16 Aug 2022 16:38

Tgt Ion: 76 Resp: 25571
Ion Ratio Lower Upper
76 100
78 5.4 7.9 11.9#





#19

1,1-Dichloroethane

Concen: 3.997 ug/L

RT: 6.208 min Scan# 706

Delta R.T. 0.000 min

Lab File: VW024257.D

Acq: 16 Aug 2022 16:38

Instrument :

MSVOA_W

ClientSampleId :

C0KP2

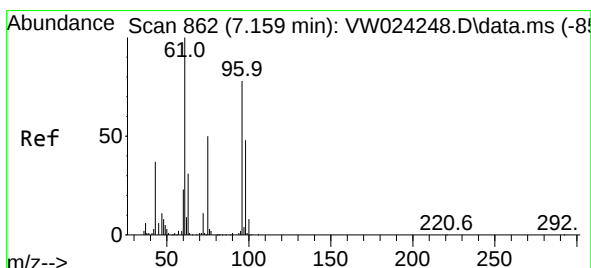
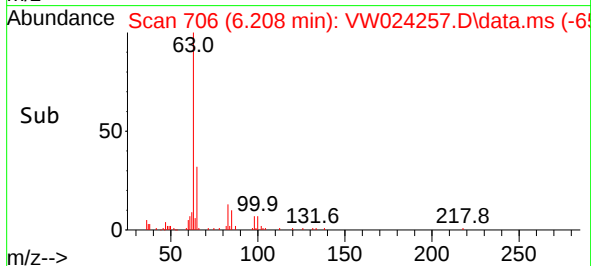
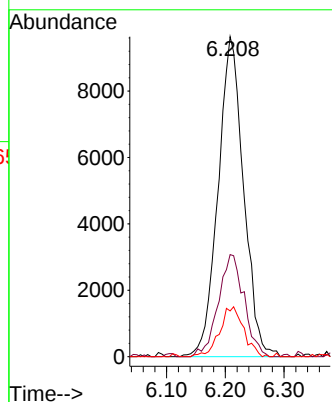
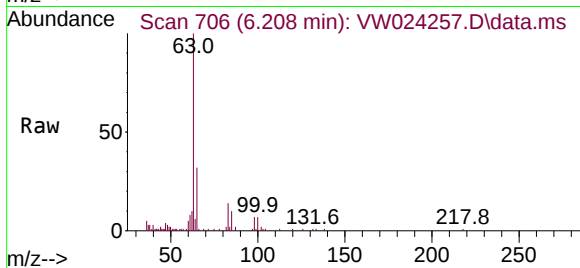
Tgt Ion: 63 Resp: 29091

Ion Ratio Lower Upper

63 100

65 31.9 22.0 41.0

83 14.3 9.2 17.0



#20

cis-1,2-Dichloroethene

Concen: 12.133 ug/L

RT: 7.165 min Scan# 863

Delta R.T. 0.006 min

Lab File: VW024257.D

Acq: 16 Aug 2022 16:38

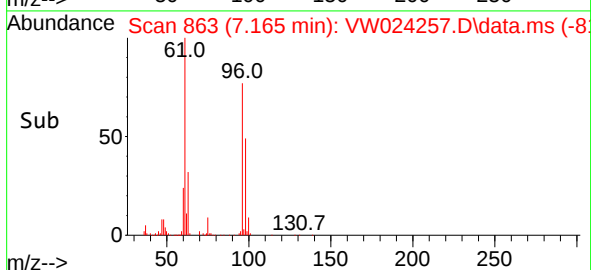
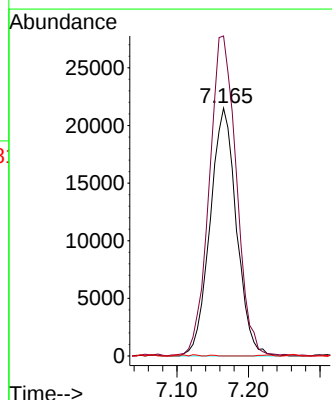
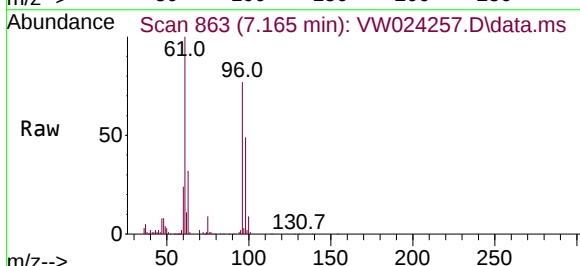
Tgt Ion: 96 Resp: 55060

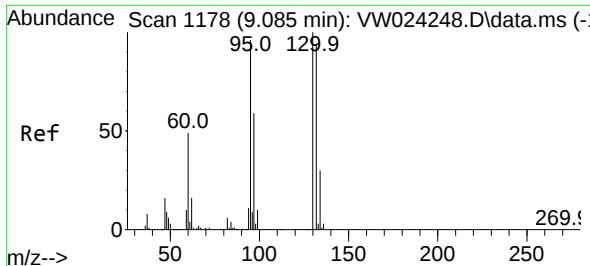
Ion Ratio Lower Upper

96 100

61 129.1 89.5 166.3

68 0.0 0.1 0.1#

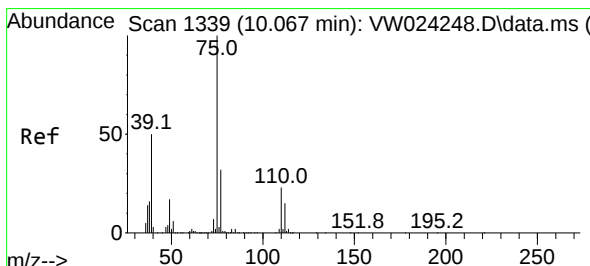
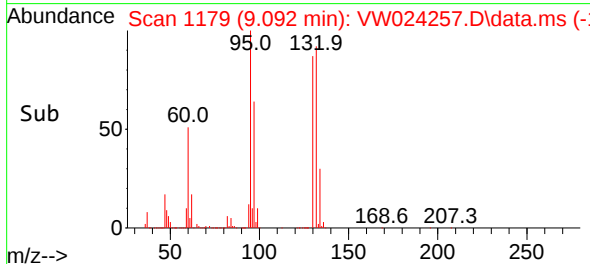
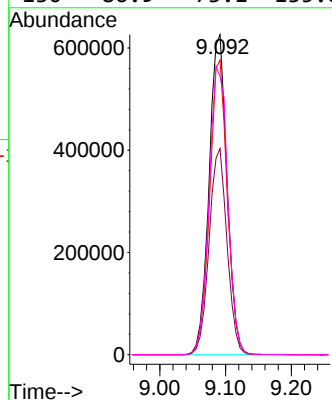
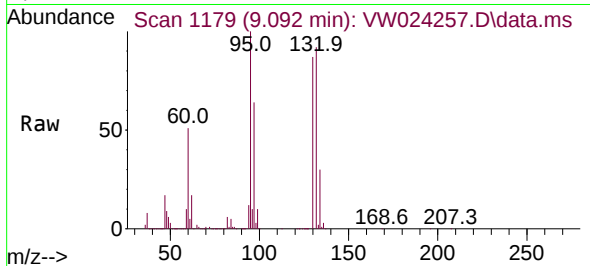




#34
Trichloroethene
Concen: 270.671 ug/L
RT: 9.092 min Scan# 1178
Delta R.T. 0.006 min
Lab File: VW024257.D
Acq: 16 Aug 2022 16:38

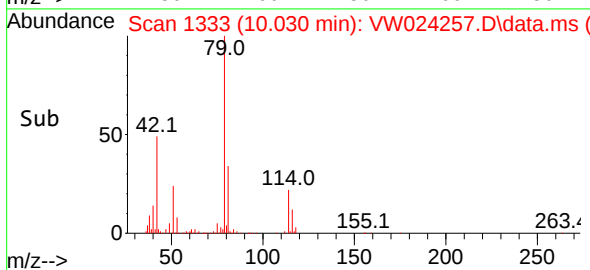
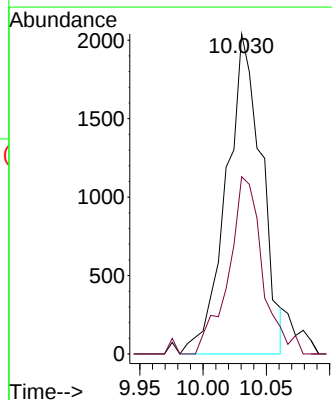
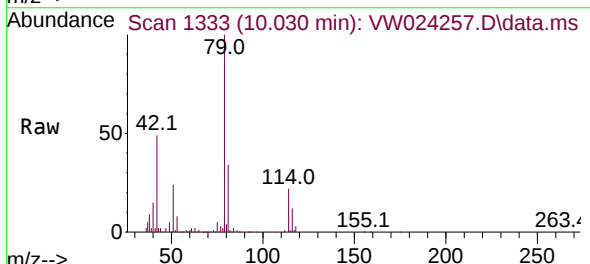
Instrument :
MSVOA_W
ClientSampleId :
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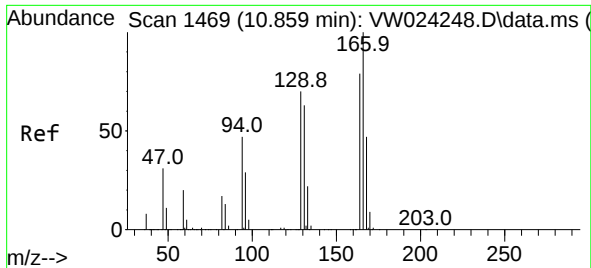
Tgt Ion: 95 Resp: 1189504
Ion Ratio Lower Upper
95 100
97 64.4 41.6 77.2
132 92.0 67.0 124.4
130 86.9 73.1 135.8



#39
cis-1,3-Dichloropropene
Concen: 0.654 ug/L
RT: 10.030 min Scan# 1333
Delta R.T. -0.036 min
Lab File: VW024257.D
Acq: 16 Aug 2022 16:38

Tgt Ion: 75 Resp: 3952
Ion Ratio Lower Upper
75 100
77 55.4 23.4 43.6#





#46

Tetrachloroethene

Concen: 199.898 ug/L

RT: 10.860 min Scan# 14

Delta R.T. 0.000 min

Lab File: VW024257.D

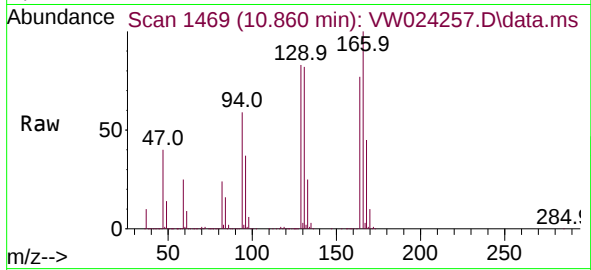
Acq: 16 Aug 2022 16:38

Instrument :

MSVOA_W

ClientSampleId :

C0KP2



Tgt Ion:164 Resp: 711195

Ion Ratio Lower Upper

164 100

129 108.1 63.1 117.3

131 106.8 63.9 118.7

166 130.2 86.8 161.2

