

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062023\
 Data File : VW026271.D
 Acq On : 20 Jun 2023 15:44
 Operator : SY/MD
 Sample : 03334-12
 Misc : 4.57g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 YBW16

Quant Time: Jun 21 01:14:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 21 01:09:17 2023
 Response via : Initial Calibration

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

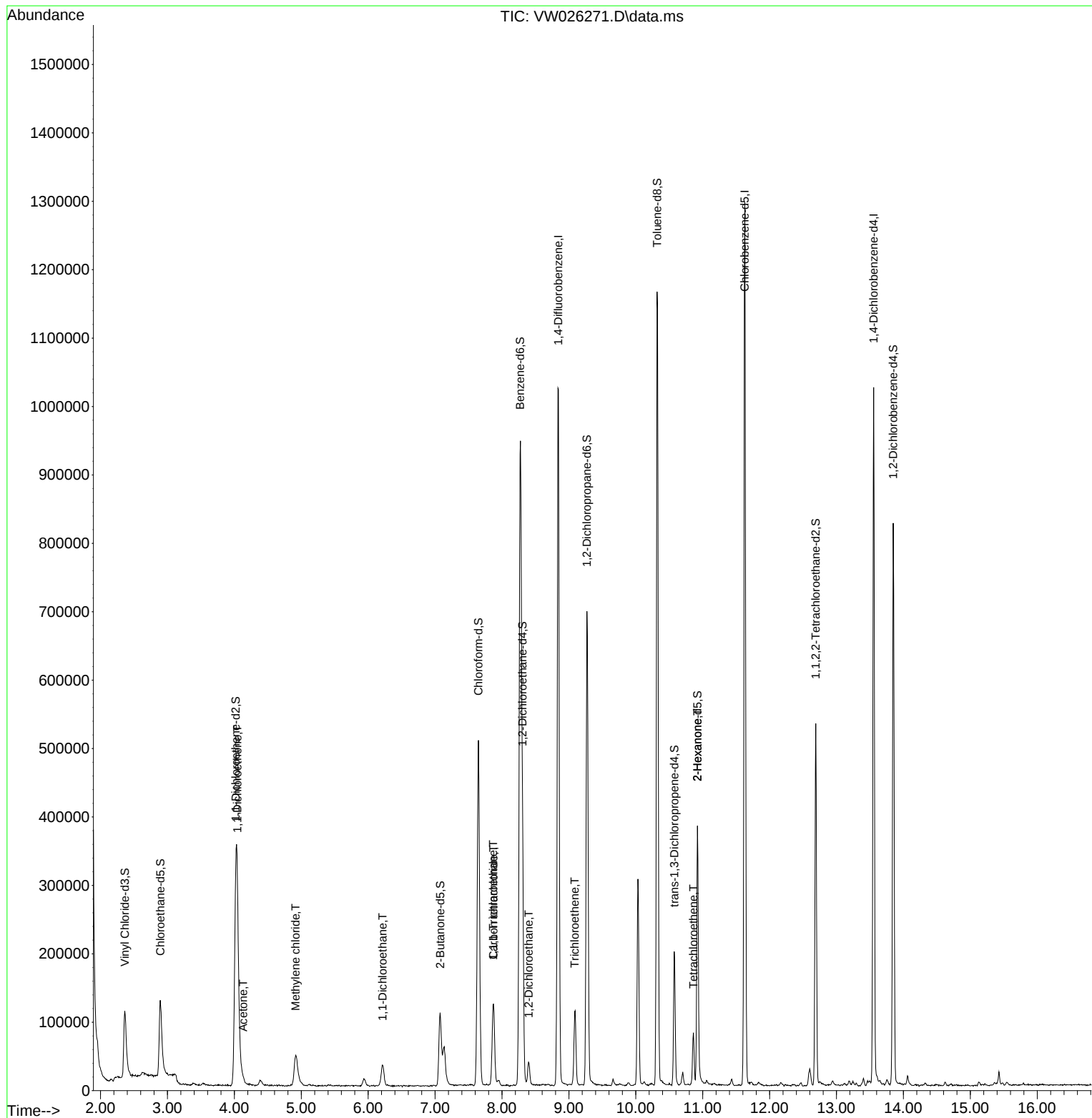
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	801995	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	658192	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	237210	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	174937	15.505	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.040%
7) Chloroethane-d5	2.893	69	174511	20.663	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.640%
11) 1,1-Dichloroethene-d2	4.021	65	96485	17.343	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.360%
21) 2-Butanone-d5	7.075	46	191444	58.284	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.560%
24) Chloroform-d	7.648	84	492706	20.979	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.920%
26) 1,2-Dichloroethane-d4	8.307	65	289413	22.536	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.160%
32) Benzene-d6	8.270	84	942181	21.274	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.080%
36) 1,2-Dichloropropane-d6	9.270	67	322046	22.952	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.800%
41) Toluene-d8	10.319	98	760269	19.357	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.440%
43) trans-1,3-Dichloroprop...	10.575	79	105503	18.975	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.880%
47) 2-Hexanone-d5	10.922	63	123371	55.763	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.520%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	260234	25.487	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.960%
66) 1,2-Dichlorobenzene-d4	13.848	152	197170	21.716	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.880%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.045	96	115012	11.263	ug/L	92
13) Acetone	4.131	43	9065	3.567	ug/L	94
16) Methylene chloride	4.917	84	42730	3.338	ug/L	95
19) 1,1-Dichloroethane	6.216	63	46266	1.984	ug/L	96
27) 1,2-Dichloroethane	8.398	62	30622	2.044	ug/L	97
30) 1,1,1-Trichloroethane	7.868	97	97097	6.079	ug/L	99
31) Carbon tetrachloride	7.874	117	12477	0.856	ug/L	100
34) Trichloroethene	9.087	95	39648	3.434	ug/L	93
46) Tetrachloroethene	10.861	164	16173	1.980	ug/L	97
48) 2-Hexanone	10.922	43	18137	3.573	ug/L #	67

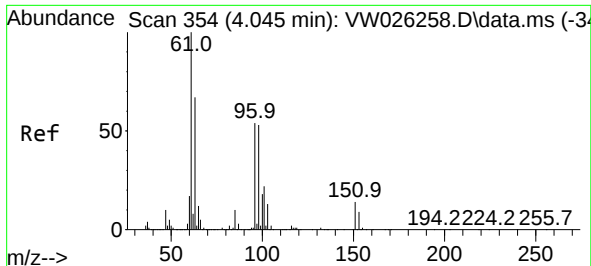
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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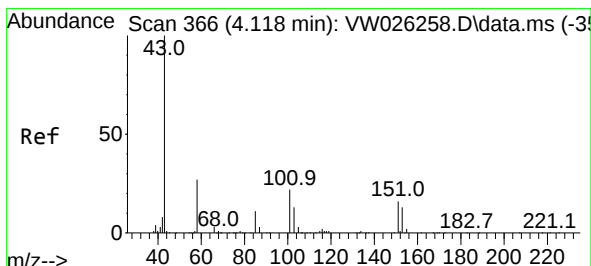
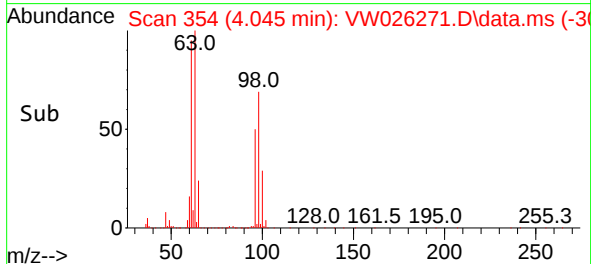
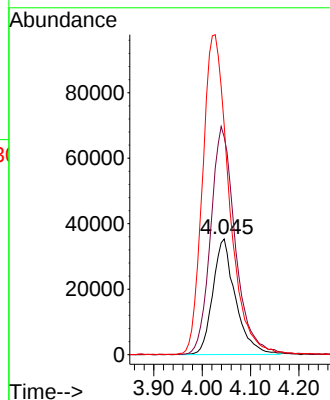
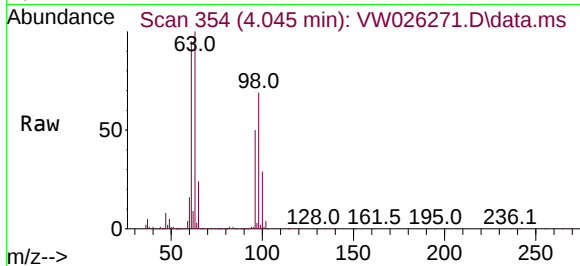




#12
1,1-Dichloroethene
Concen: 11.263 ug/L
RT: 4.045 min Scan# 31
Delta R.T. 0.000 min
Lab File: VW026271.D
Acq: 20 Jun 2023 15:44

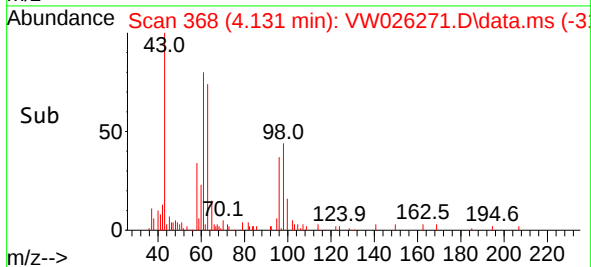
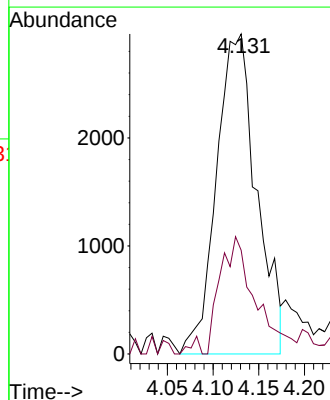
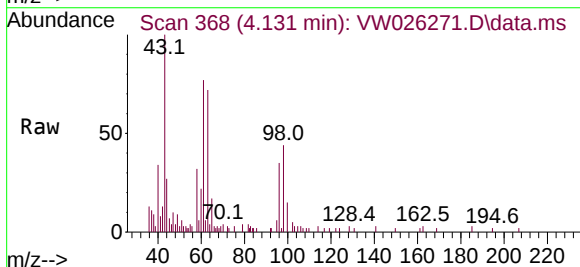
Instrument :
MSVOA_W
ClientSampleId :
YBW16

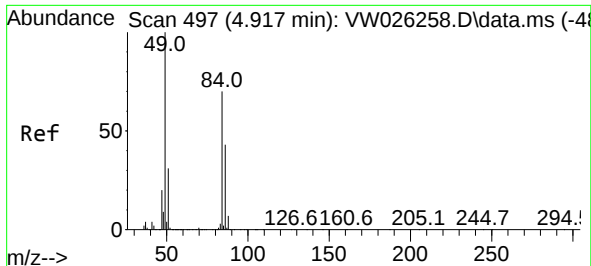
Tgt Ion: 96 Resp: 115012
Ion Ratio Lower Upper
96 100
61 188.0 140.6 261.0
63 198.2 131.7 244.5



#13
Acetone
Concen: 3.567 ug/L
RT: 4.131 min Scan# 368
Delta R.T. 0.013 min
Lab File: VW026271.D
Acq: 20 Jun 2023 15:44

Tgt Ion: 43 Resp: 9065
Ion Ratio Lower Upper
43 100
58 32.5 0.0 58.2

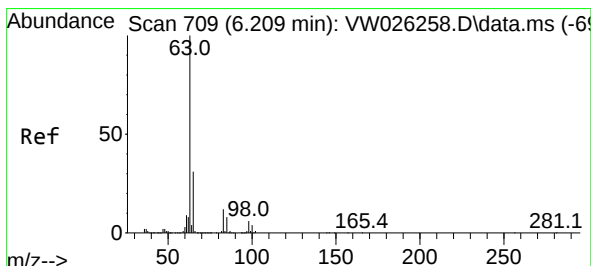
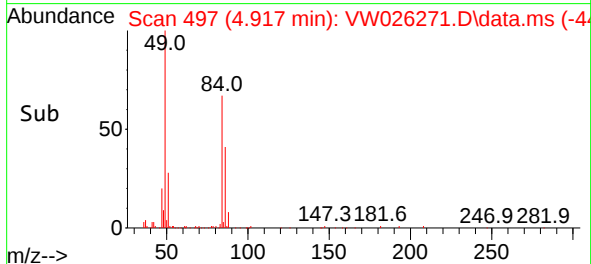
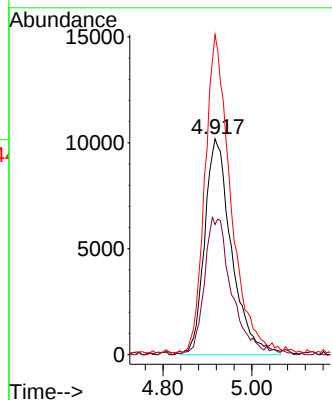
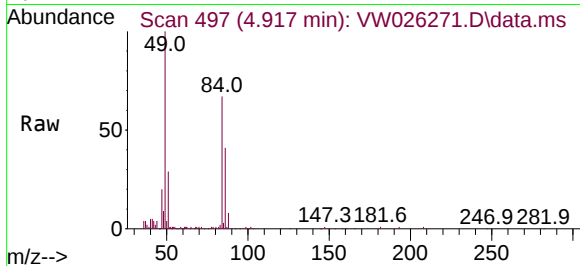




#16
Methylene chloride
Concen: 3.338 ug/L
RT: 4.917 min Scan# 49
Delta R.T. 0.000 min
Lab File: VW026271.D
Acq: 20 Jun 2023 15:44

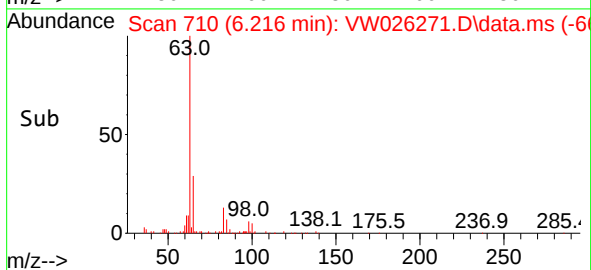
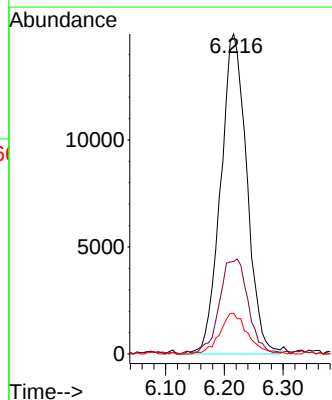
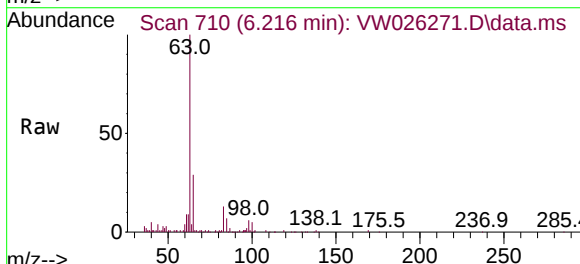
Instrument :
MSVOA_W
ClientSampleId :
YBW16

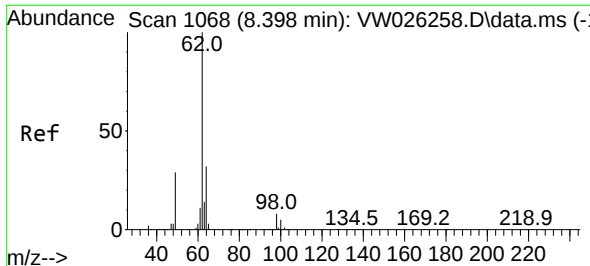
Tgt Ion:	84	Resp:	42730
Ion	Ratio	Lower	Upper
84	100		
86	60.3	44.2	82.0
49	148.3	98.8	183.6



#19
1,1-Dichloroethane
Concen: 1.984 ug/L
RT: 6.216 min Scan# 710
Delta R.T. 0.007 min
Lab File: VW026271.D
Acq: 20 Jun 2023 15:44

Tgt Ion:	63	Resp:	46266
Ion	Ratio	Lower	Upper
63	100		
65	28.9	22.3	41.5
83	12.7	9.1	16.9





#27

1,2-Dichloroethane

Concen: 2.044 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW026271.D

Acq: 20 Jun 2023 15:44

Instrument :

MSVOA_W

ClientSampleId :

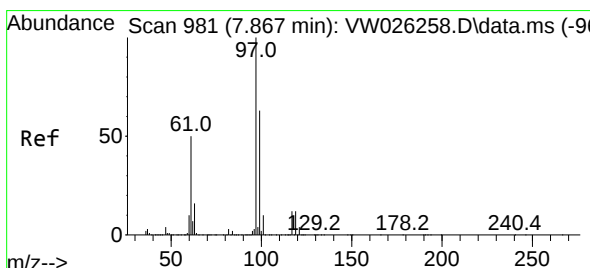
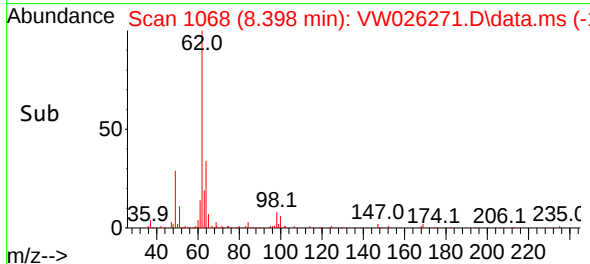
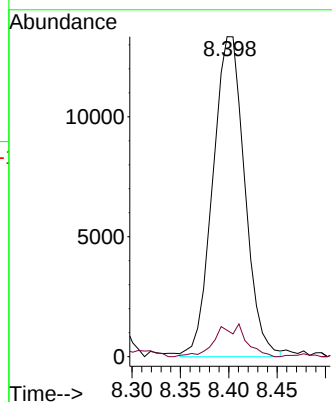
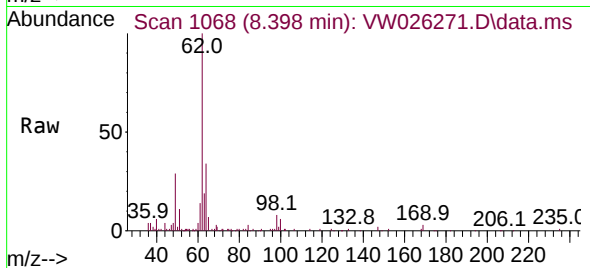
YBW16

Tgt Ion: 62 Resp: 30622

Ion Ratio Lower Upper

62 100

98 8.2 7.4 11.2



#30

1,1,1-Trichloroethane

Concen: 6.079 ug/L

RT: 7.868 min Scan# 981

Delta R.T. 0.000 min

Lab File: VW026271.D

Acq: 20 Jun 2023 15:44

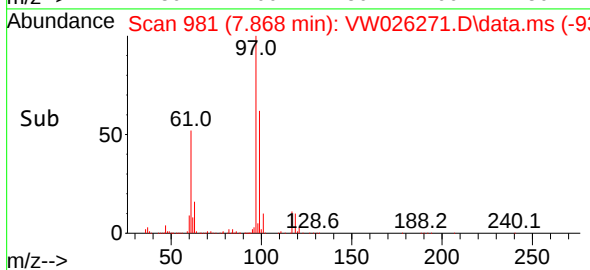
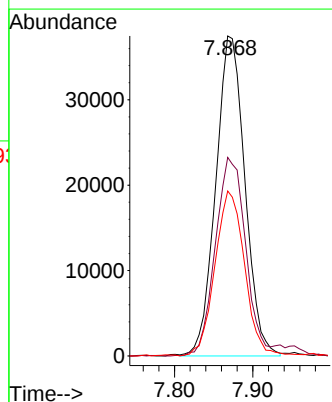
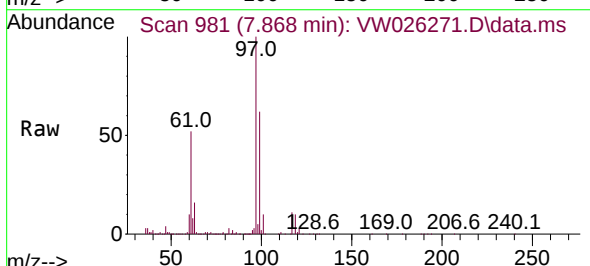
Tgt Ion: 97 Resp: 97097

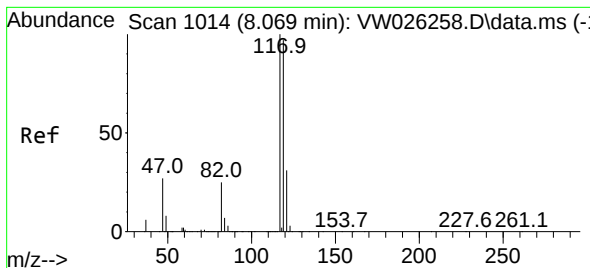
Ion Ratio Lower Upper

97 100

99 63.9 50.6 76.0

61 52.1 40.5 60.7





#31

Carbon tetrachloride

Concen: 0.856 ug/L

RT: 7.874 min Scan# 91

Delta R.T. -0.195 min

Lab File: VW026271.D

Acq: 20 Jun 2023 15:44

Instrument :

MSVOA_W

ClientSampleId :

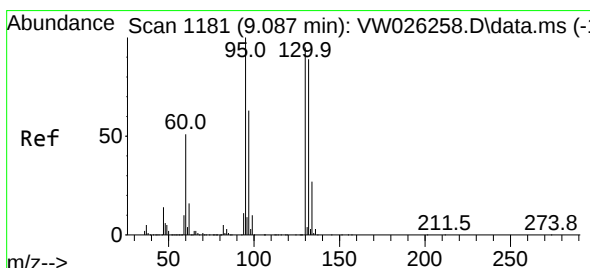
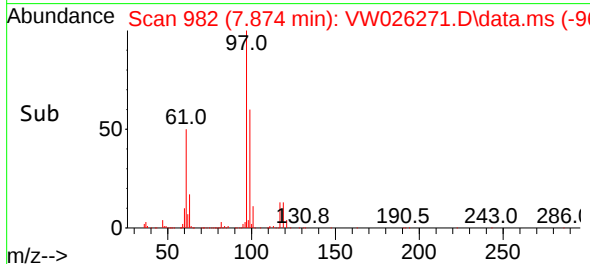
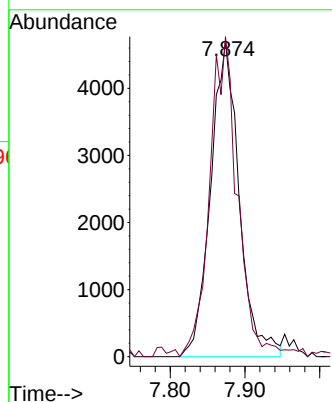
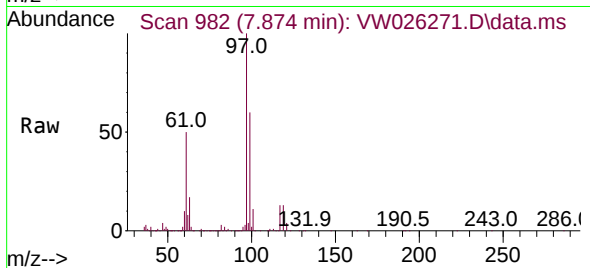
YBW16

Tgt Ion:117 Resp: 12477

Ion Ratio Lower Upper

117 100

119 96.4 77.4 116.2



#34

Trichloroethene

Concen: 3.434 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. 0.000 min

Lab File: VW026271.D

Acq: 20 Jun 2023 15:44

Tgt Ion: 95 Resp: 39648

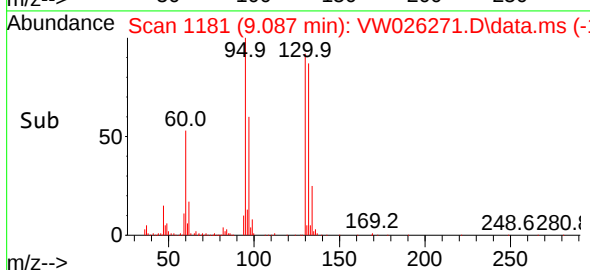
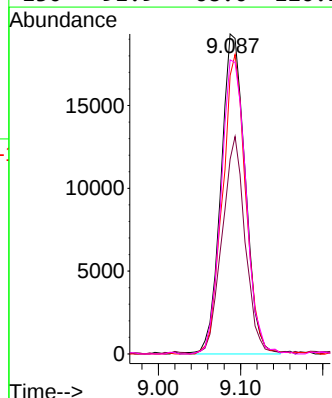
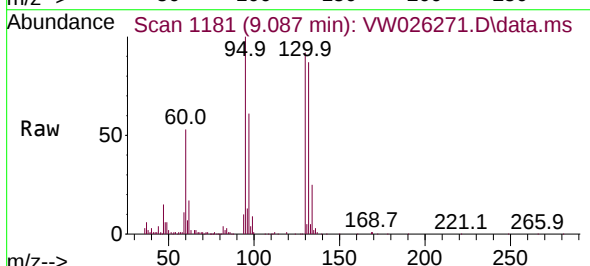
Ion Ratio Lower Upper

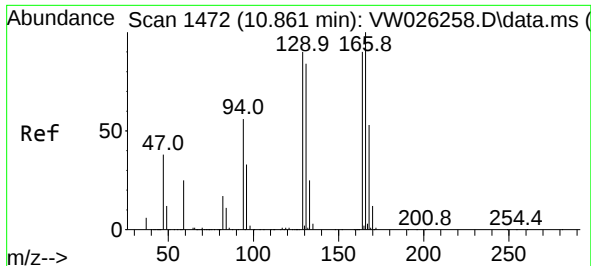
95 100

97 60.9 45.9 85.3

132 87.0 67.1 124.7

130 91.9 68.0 126.2

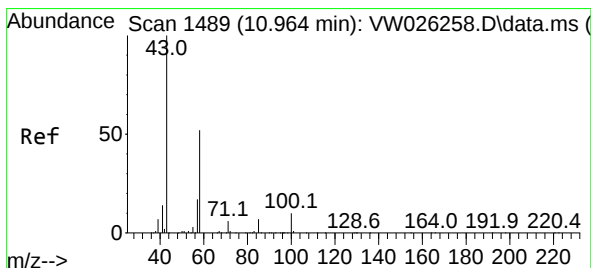
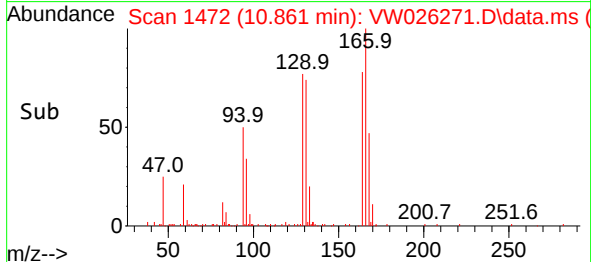
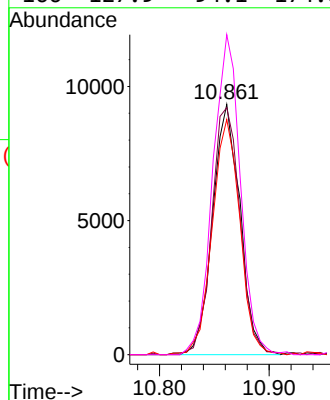
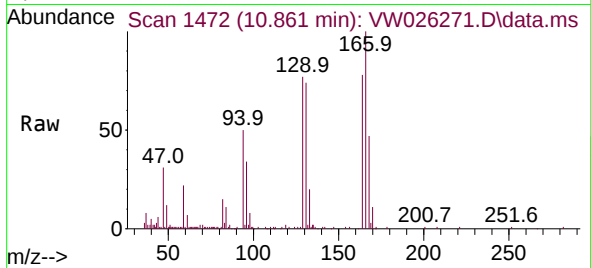




#46
Tetrachloroethene
Concen: 1.980 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW026271.D
Acq: 20 Jun 2023 15:44

Instrument :
MSVOA_W
ClientSampleId :
YBW16

Tgt Ion:	164	Resp:	16173
Ion	Ratio	Lower	Upper
164	100		
129	98.7	68.5	127.1
131	94.0	67.1	124.7
166	127.9	94.1	174.8



#48
2-Hexanone
Concen: 3.573 ug/L
RT: 10.922 min Scan# 1482
Delta R.T. -0.042 min
Lab File: VW026271.D
Acq: 20 Jun 2023 15:44

Tgt Ion:	43	Resp:	18137
Ion	Ratio	Lower	Upper
43	100		
58	24.4	42.2	63.2#
57	27.0	14.2	21.2#
100	2.5	8.3	12.5#

