

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062023\
 Data File : VW026276.D
 Acq On : 20 Jun 2023 17:44
 Operator : SY/MD
 Sample : 03334-07
 Misc : 5.68g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

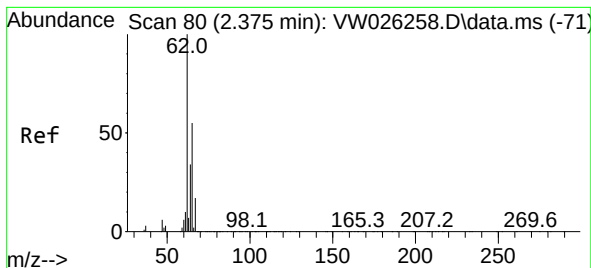
Instrument :
 MSVOA_W
 ClientSampleId :
 YBW02

Quant Time: Jun 21 01:15:31 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	8.837	114	578827	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	465519	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	163646	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	138760	17.041	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.160%
7) Chloroethane-d5	2.893	69	132400	21.721	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.880%
11) 1,1-Dichloroethene-d2	4.021	65	74395	18.528	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.120%
21) 2-Butanone-d5	7.075	46	199414	84.117	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	168.240%#
24) Chloroform-d	7.648	84	369758	21.814	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.240%
26) 1,2-Dichloroethane-d4	8.502	65	112	0.012	ug/L	0.20
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.040%#
32) Benzene-d6	8.276	84	701359	22.390	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.560%
36) 1,2-Dichloropropane-d6	9.270	67	247635	24.954	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.800%
41) Toluene-d8	10.325	98	544103	19.587	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.360%
43) trans-1,3-Dichloroprop...	10.575	79	78921	20.069	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.280%
47) 2-Hexanone-d5	10.922	63	118911	75.993	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	151.980%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	241616	33.458	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	133.840%#
66) 1,2-Dichlorobenzene-d4	13.848	152	142945	22.821	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.280%
Target Compounds						Qvalue
5) Vinyl chloride	2.369	62	83404	8.576	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	12811	1.623	ug/L #	41
12) 1,1-Dichloroethene	4.045	96	1038342	140.894	ug/L #	54
13) Acetone	4.125	43	12408	6.764	ug/L	48
16) Methylene chloride	4.911	84	16644	1.802	ug/L	99
19) 1,1-Dichloroethane	6.222	63	57687	3.427	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	25541	2.916	ug/L	96
25) Chloroform	7.679	83	11029	0.703	ug/L	95
27) 1,2-Dichloroethane	8.398	62	11113	1.028	ug/L #	89
30) 1,1,1-Trichloroethane	7.874	97	90565	8.017	ug/L	99
33) Benzene	8.319	78	36531	1.146	ug/L	100
34) Trichloroethene	9.093	95	6508	0.797	ug/L	90

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



#5

Vinyl chloride

Concen: 8.576 ug/L

RT: 2.369 min Scan# 79

Delta R.T. -0.006 min

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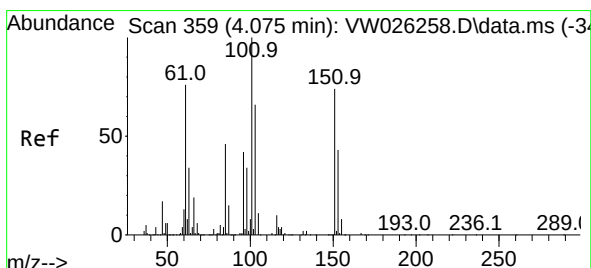
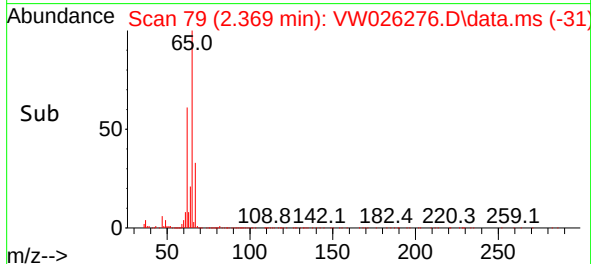
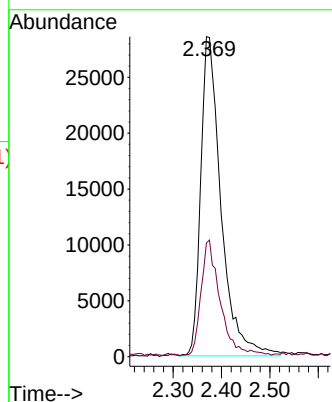
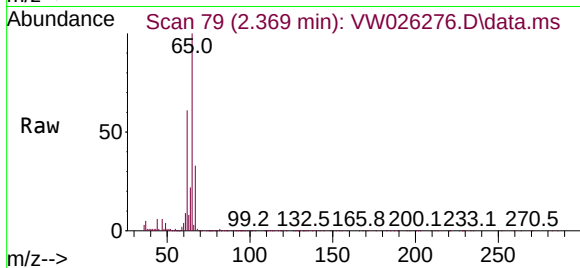
YBW02

Tgt Ion: 62 Resp: 83404

Ion Ratio Lower Upper

62 100

64 35.5 22.7 42.1



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 1.623 ug/L

RT: 4.064 min Scan# 357

Delta R.T. -0.012 min

Lab File: VW026276.D

Acq: 20 Jun 2023 17:44

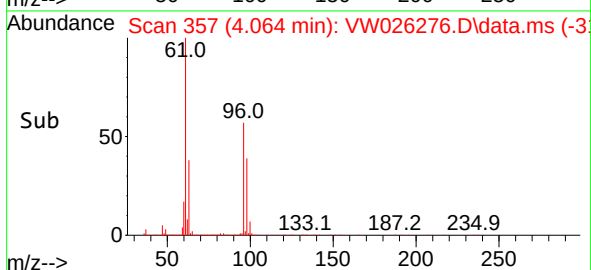
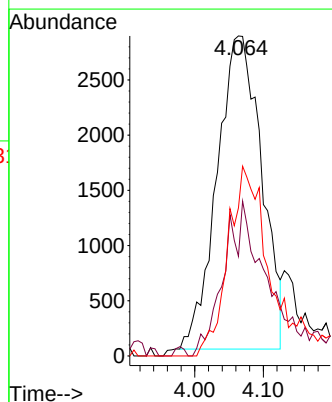
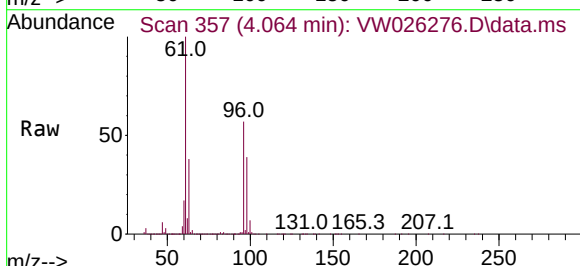
Tgt Ion: 101 Resp: 12811

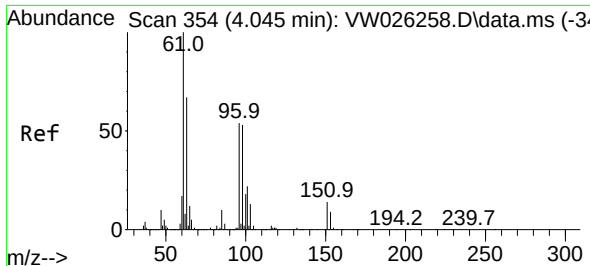
Ion Ratio Lower Upper

101 100

85 23.4 36.1 54.1#

151 6.8 55.1 82.7#

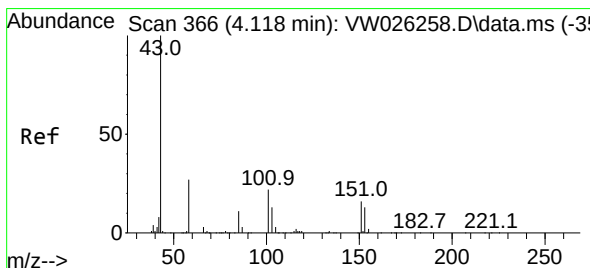
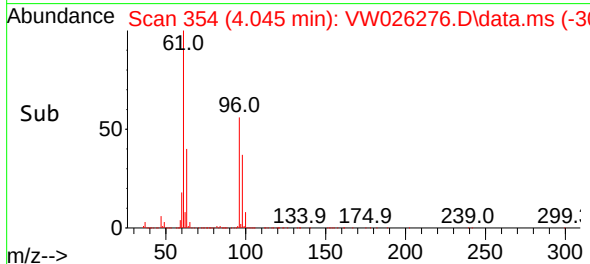
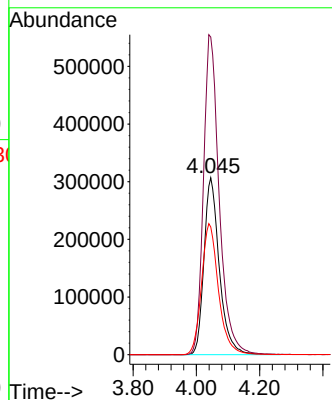
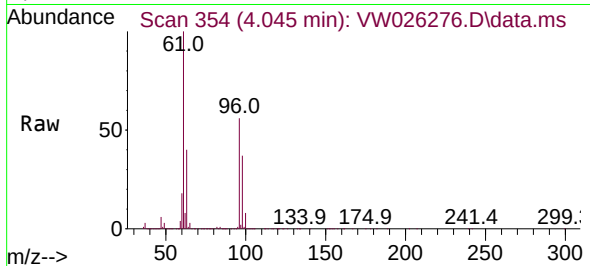




#12
1,1-Dichloroethene
Concen: 140.894 ug/L
RT: 4.045 min Scan# 354
Delta R.T. 0.000 min
Lab File: VW026276.D
Acq: 20 Jun 2023 17:44

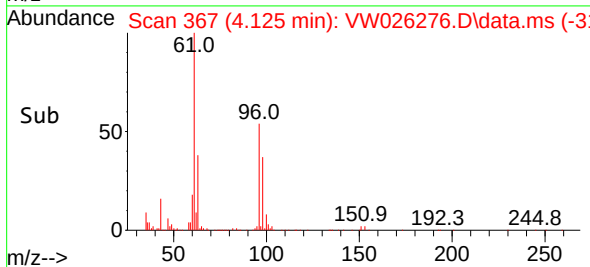
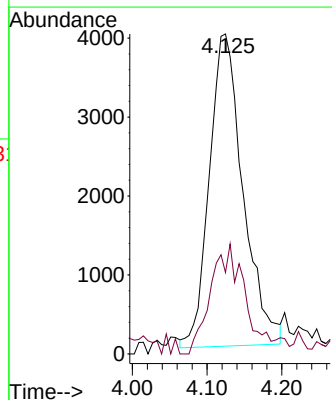
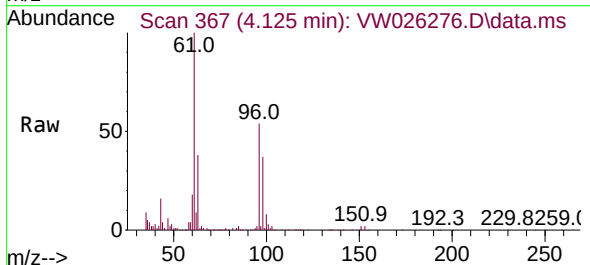
Instrument :
MSVOA_W
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YBW02

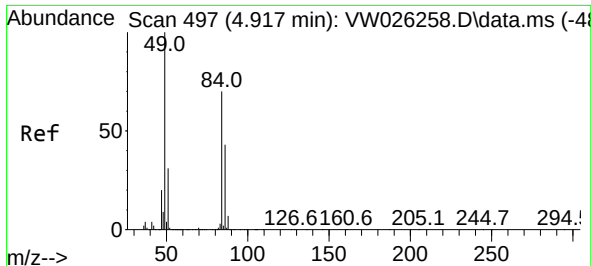
Tgt Ion: 96 Resp: 1038342
Ion Ratio Lower Upper
96 100
61 179.5 140.6 261.0
63 72.1 131.7 244.5#



#13
Acetone
Concen: 6.764 ug/L
RT: 4.125 min Scan# 367
Delta R.T. 0.006 min
Lab File: VW026276.D
Acq: 20 Jun 2023 17:44

Tgt Ion: 43 Resp: 12408
Ion Ratio Lower Upper
43 100
58 1.5 0.0 58.2

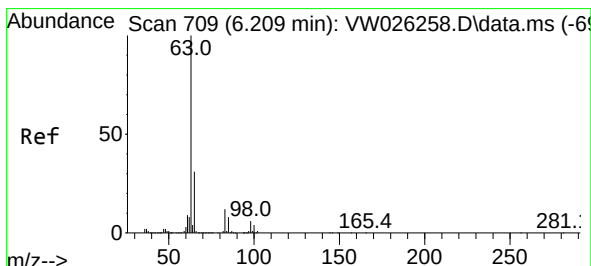
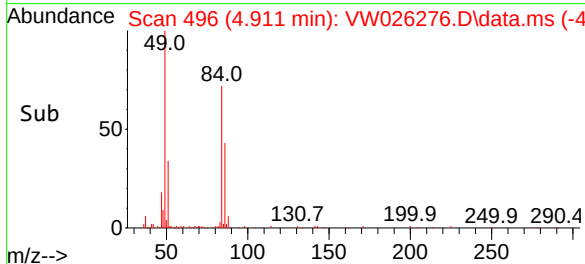
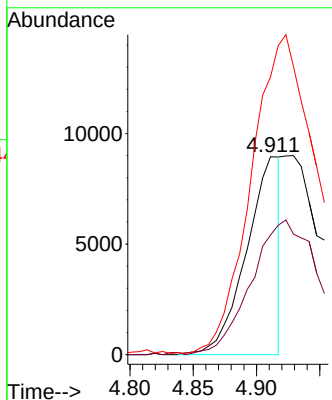
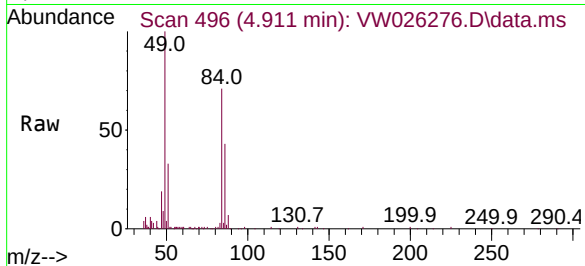




#16
Methylene chloride
Concen: 1.802 ug/L
RT: 4.911 min Scan# 496
Delta R.T. -0.006 min
Lab File: VW026276.D
Acq: 20 Jun 2023 17:44

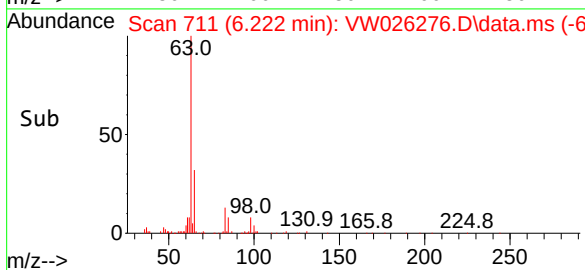
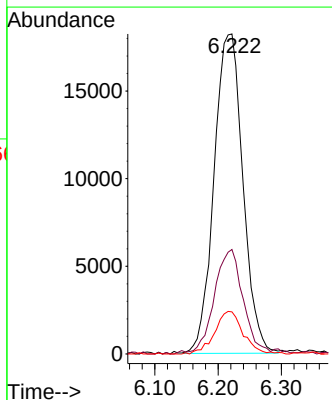
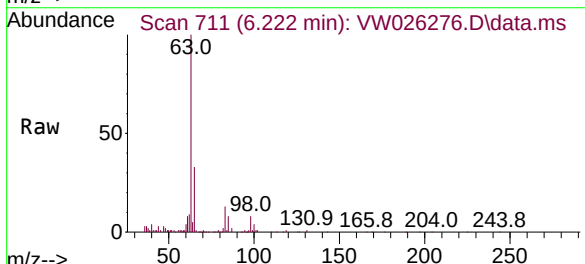
Instrument :
MSVOA_W
ClientSampleId :
YBW02

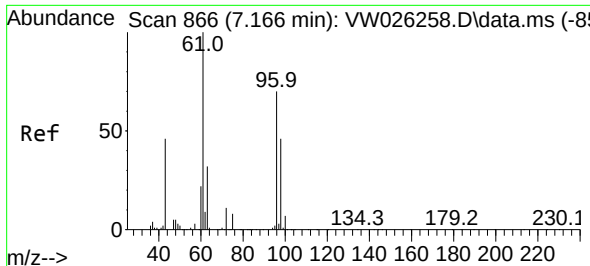
Tgt Ion: 84 Resp: 16644
Ion Ratio Lower Upper
84 100
86 60.5 44.2 82.0
49 140.4 98.8 183.6



#19
1,1-Dichloroethane
Concen: 3.427 ug/L
RT: 6.222 min Scan# 711
Delta R.T. 0.013 min
Lab File: VW026276.D
Acq: 20 Jun 2023 17:44

Tgt Ion: 63 Resp: 57687
Ion Ratio Lower Upper
63 100
65 32.6 22.3 41.5
83 13.1 9.1 16.9

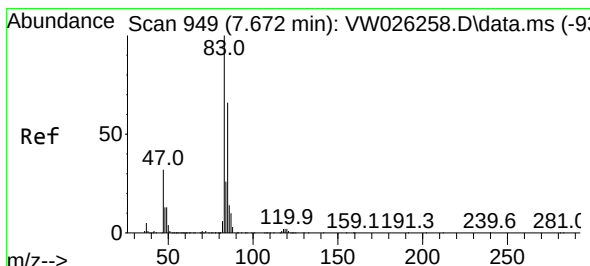
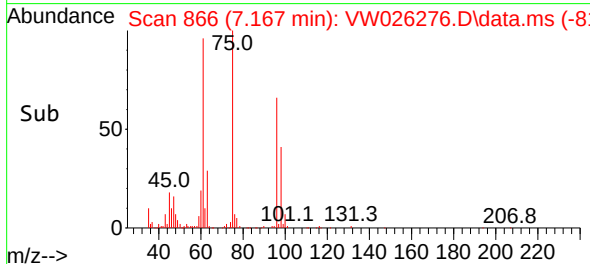
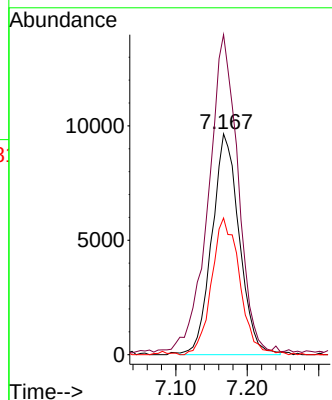
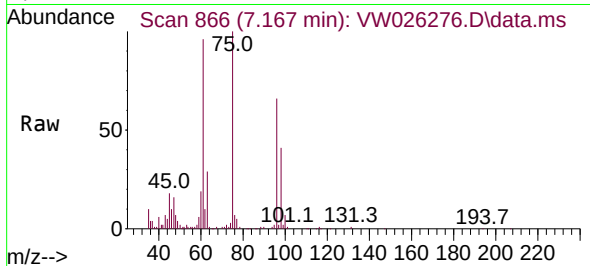




#20
cis-1,2-Dichloroethene
Concen: 2.916 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW026276.D
Acq: 20 Jun 2023 17:44

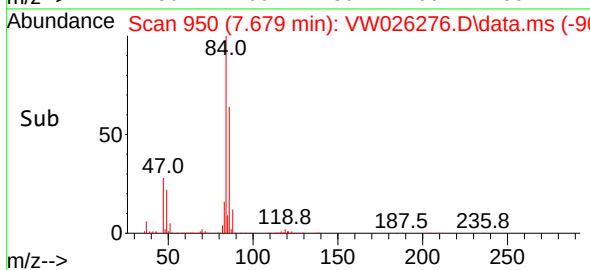
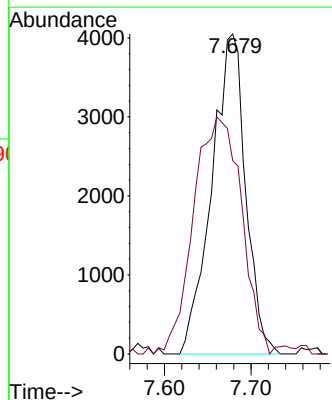
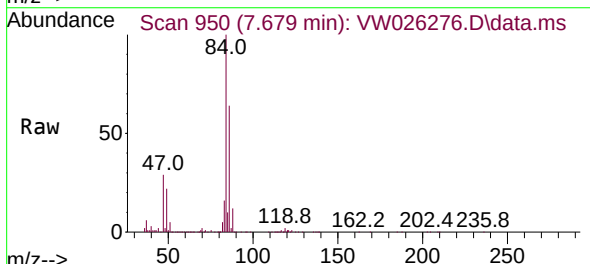
Instrument :
MSVOA_W
ClientSampleId :
YBW02

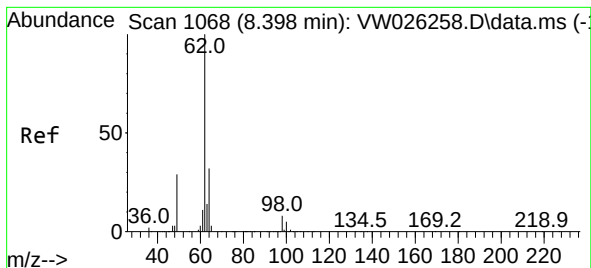
Tgt Ion: 96 Resp: 25541
Ion Ratio Lower Upper
96 100
61 145.0 98.4 182.8
98 61.9 45.2 84.0



#25
Chloroform
Concen: 0.703 ug/L
RT: 7.679 min Scan# 950
Delta R.T. 0.006 min
Lab File: VW026276.D
Acq: 20 Jun 2023 17:44

Tgt Ion: 83 Resp: 11029
Ion Ratio Lower Upper
83 100
85 60.4 45.1 83.7





#27

1,2-Dichloroethane

Concen: 1.028 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW026276.D

Acq: 20 Jun 2023 17:44

Instrument :

MSVOA_W

ClientSampleId :

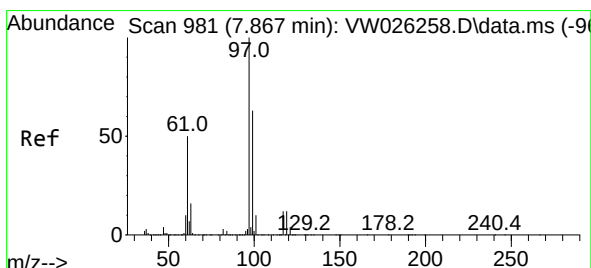
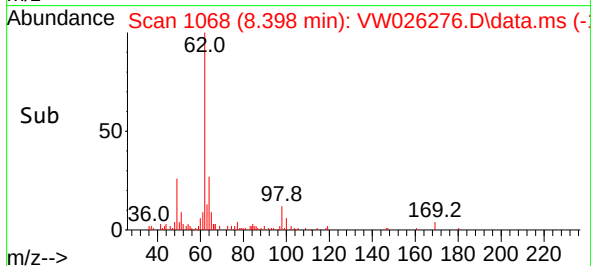
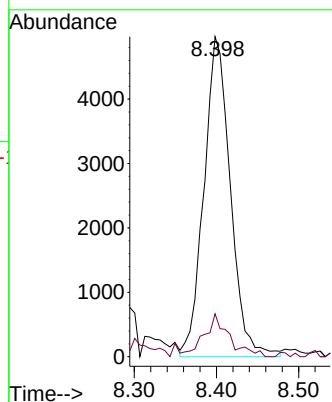
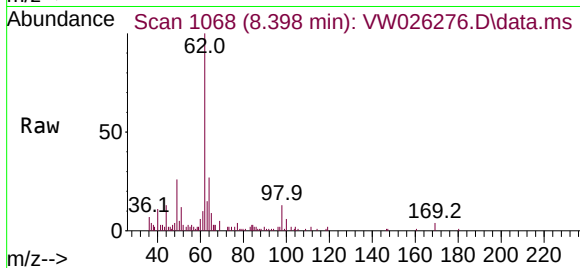
YBW02

Tgt Ion: 62 Resp: 11113

Ion Ratio Lower Upper

62 100

98 13.4 7.4 11.2#



#30

1,1,1-Trichloroethane

Concen: 8.017 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.006 min

Lab File: VW026276.D

Acq: 20 Jun 2023 17:44

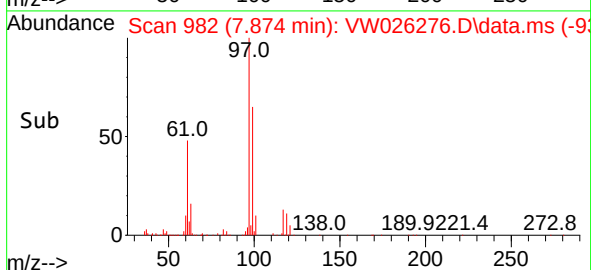
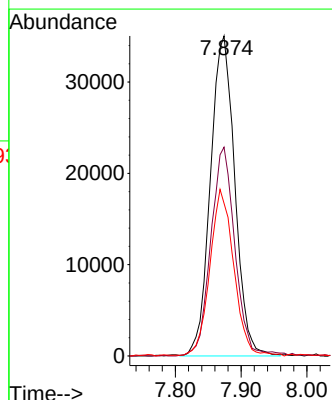
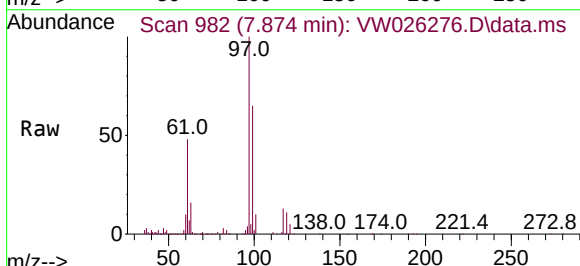
Tgt Ion: 97 Resp: 90565

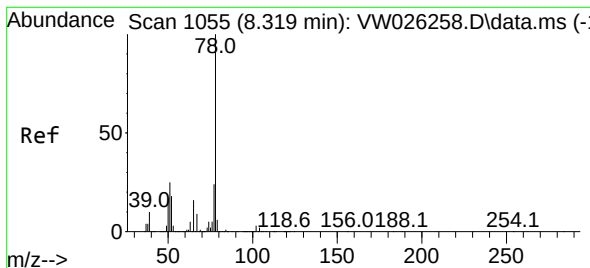
Ion Ratio Lower Upper

97 100

99 63.9 50.6 76.0

61 50.2 40.5 60.7





#33

Benzene

Concen: 1.146 ug/L

RT: 8.319 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VW026276.D

Acq: 20 Jun 2023 17:44

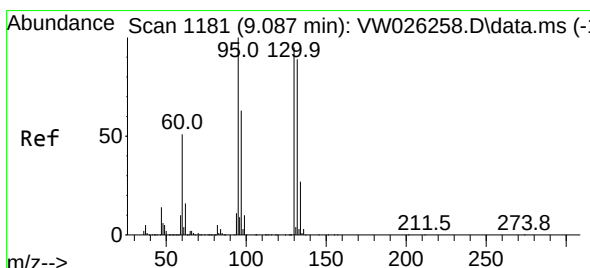
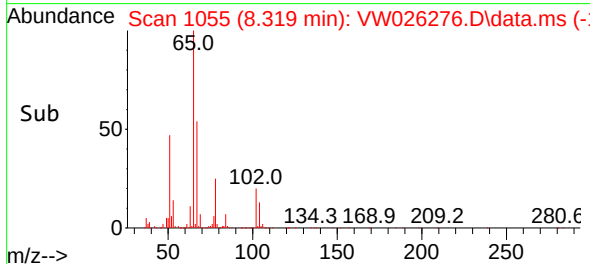
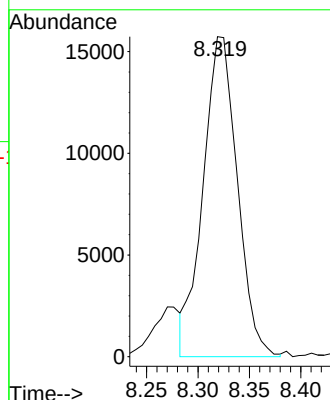
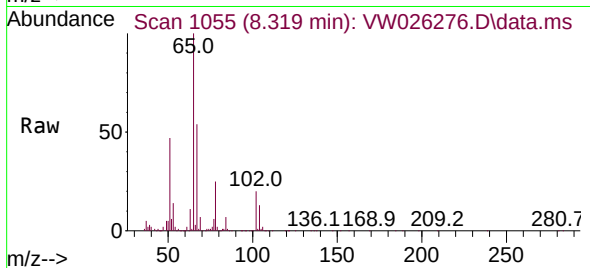
Instrument :

MSVOA_W

ClientSampleId :

YBW02

Tgt Ion: 78 Resp: 36531



#34

Trichloroethene

Concen: 0.797 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.006 min

Lab File: VW026276.D

Acq: 20 Jun 2023 17:44

Tgt Ion: 95 Resp: 6508

Ion Ratio Lower Upper

95 100

97 76.4 45.9 85.3

132 109.7 67.1 124.7

130 94.8 68.0 126.2

