

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061623\
 Data File : VW026235.D
 Acq On : 16 Jun 2023 18:05
 Operator : SY/MD
 Sample : 03307-10
 Misc : 3.76g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 YBW11

Quant Time: Jun 17 00:07:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 16 23:58:43 2023
 Response via : Initial Calibration

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

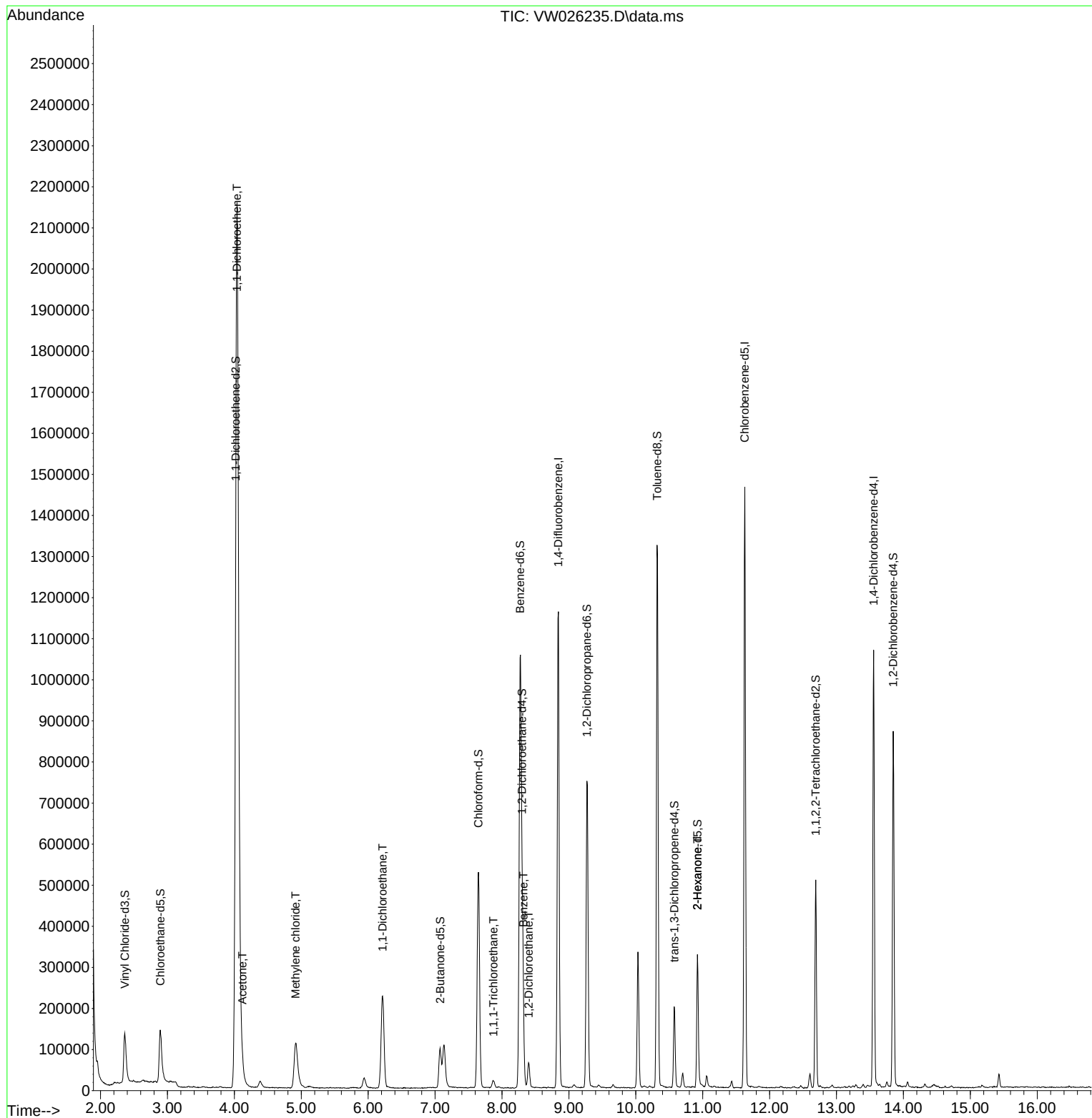
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	910965	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	744715	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	252933	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	205346	16.023	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.080%
7) Chloroethane-d5	2.893	69	197456	20.583	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.320%
11) 1,1-Dichloroethene-d2	4.021	65	113179	17.911	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.640%
21) 2-Butanone-d5	7.075	46	172312	46.184	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.360%
24) Chloroform-d	7.648	84	536564	20.114	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.440%
26) 1,2-Dichloroethane-d4	8.301	65	298573	20.468	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.880%
32) Benzene-d6	8.270	84	1051471	20.983	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.920%
36) 1,2-Dichloropropane-d6	9.270	67	350572	22.082	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.320%
41) Toluene-d8	10.319	98	841661	18.939	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.760%
43) trans-1,3-Dichloroprop...	10.575	79	104912	16.676	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	66.720%
47) 2-Hexanone-d5	10.922	63	104031	41.558	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.120%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	250272	21.664	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.640%
66) 1,2-Dichlorobenzene-d4	13.848	152	209219	21.611	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.440%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.039	96	1251651	107.915	ug/L #	58
13) Acetone	4.119	43	14023	4.857	ug/L	92
16) Methylene chloride	4.917	84	99237	6.825	ug/L	97
19) 1,1-Dichloroethane	6.216	63	337765	12.749	ug/L	99
27) 1,2-Dichloroethane	8.398	62	54412	3.197	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	13210	0.731	ug/L	95
33) Benzene	8.319	78	42756	0.838	ug/L	100
48) 2-Hexanone	10.922	43	15748	2.742	ug/L #	68

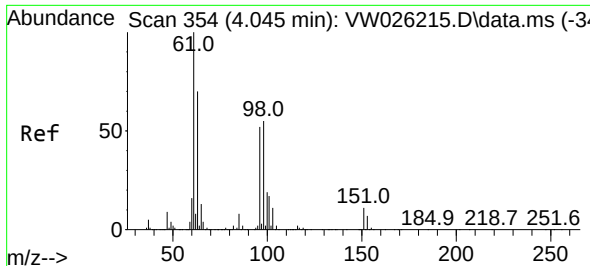
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Jun 16 23:58:43 2023
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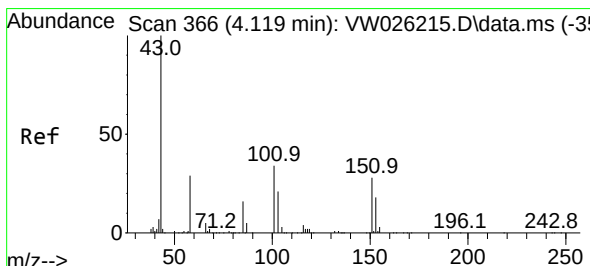
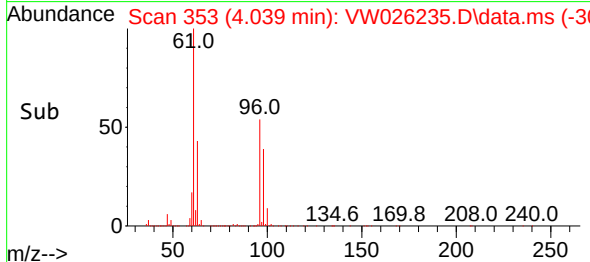
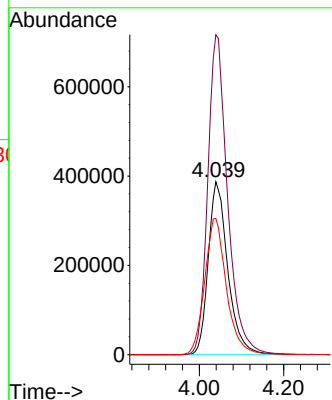
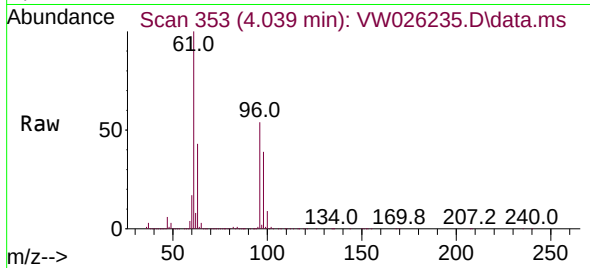




#12
1,1-Dichloroethene
Concen: 107.915 ug/L
RT: 4.039 min Scan# 353
Delta R.T. -0.006 min
Lab File: VW026235.D
Acq: 16 Jun 2023 18:05

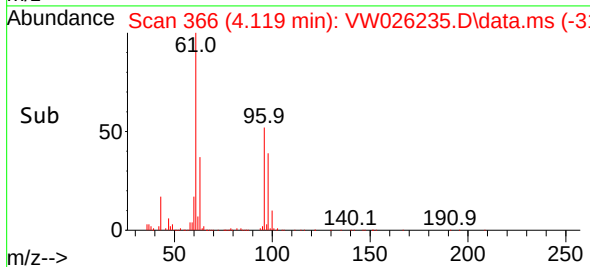
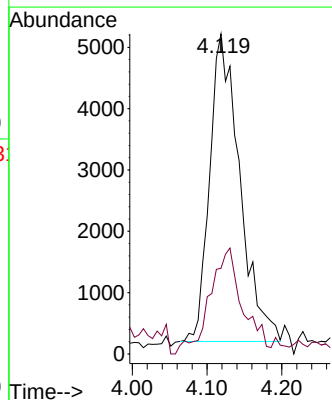
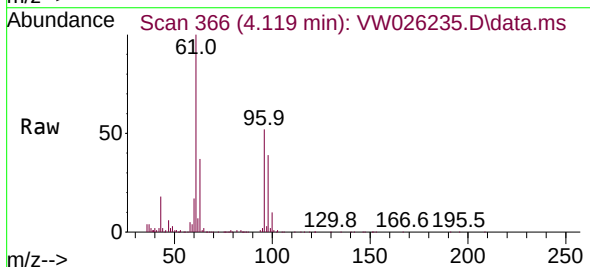
Instrument :
MSVOA_W
ClientSampleId :
YBW11

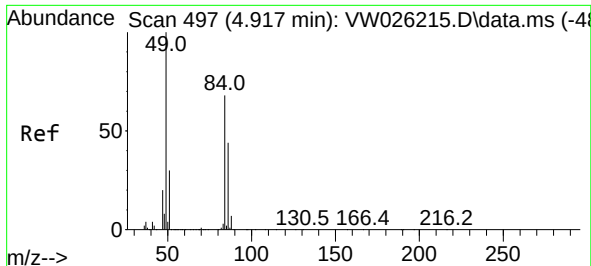
Tgt Ion: 96 Resp: 1251651
Ion Ratio Lower Upper
96 100
61 185.1 140.6 261.0
63 78.7 131.7 244.5#



#13
Acetone
Concen: 4.857 ug/L
RT: 4.119 min Scan# 366
Delta R.T. -0.000 min
Lab File: VW026235.D
Acq: 16 Jun 2023 18:05

Tgt Ion: 43 Resp: 14023
Ion Ratio Lower Upper
43 100
58 25.0 0.0 58.2

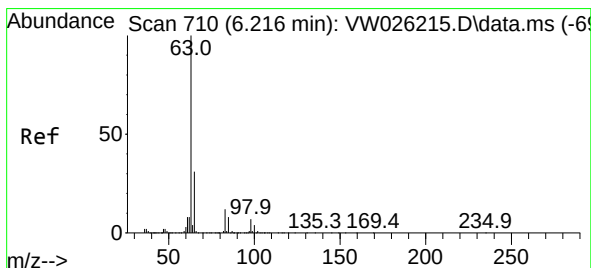
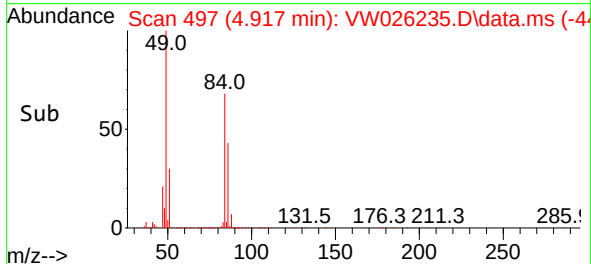
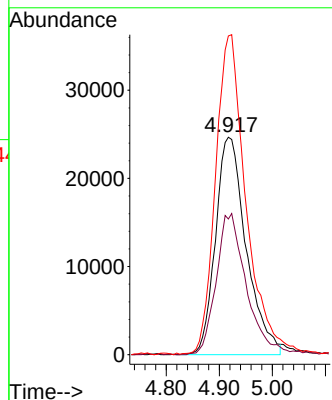
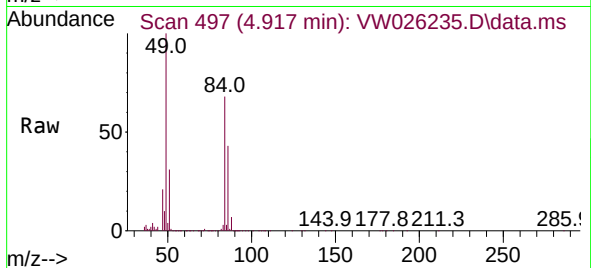




#16
Methylene chloride
Concen: 6.825 ug/L
RT: 4.917 min Scan# 49
Delta R.T. -0.000 min
Lab File: VW026235.D
Acq: 16 Jun 2023 18:05

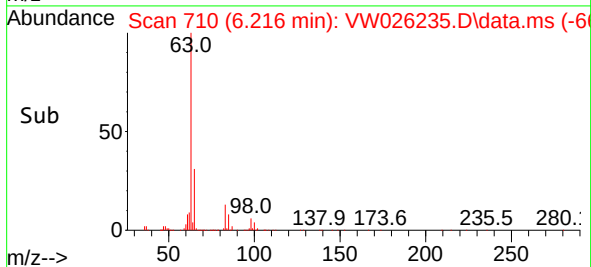
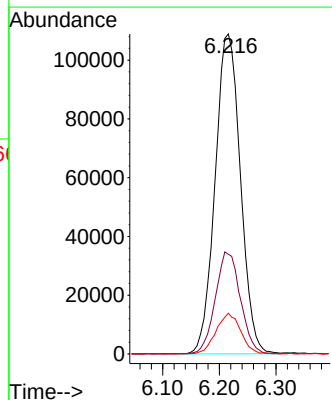
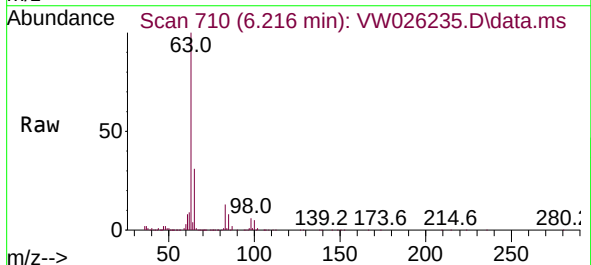
Instrument :
MSVOA_W
ClientSampleId :
YBW11

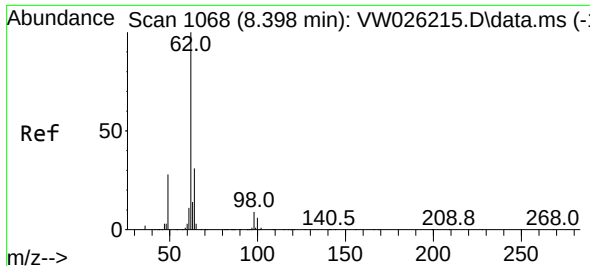
Tgt Ion: 84 Resp: 99237
Ion Ratio Lower Upper
84 100
86 62.4 44.2 82.0
49 146.6 98.8 183.6



#19
1,1-Dichloroethane
Concen: 12.749 ug/L
RT: 6.216 min Scan# 710
Delta R.T. -0.000 min
Lab File: VW026235.D
Acq: 16 Jun 2023 18:05

Tgt Ion: 63 Resp: 337765
Ion Ratio Lower Upper
63 100
65 31.1 22.3 41.5
83 12.7 9.1 16.9





#27

1,2-Dichloroethane

Concen: 3.197 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW026235.D

Acq: 16 Jun 2023 18:05

Instrument :

MSVOA_W

ClientSampleId :

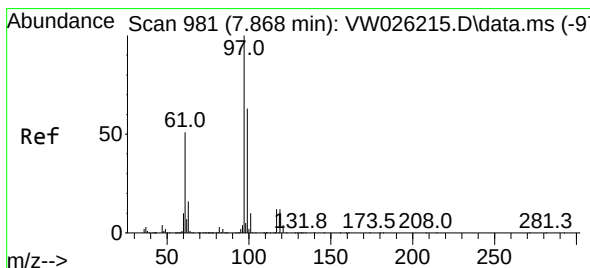
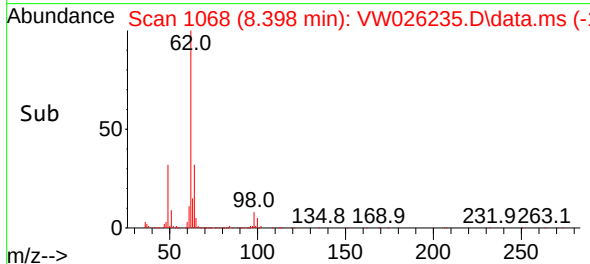
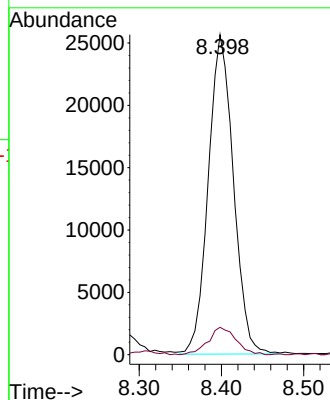
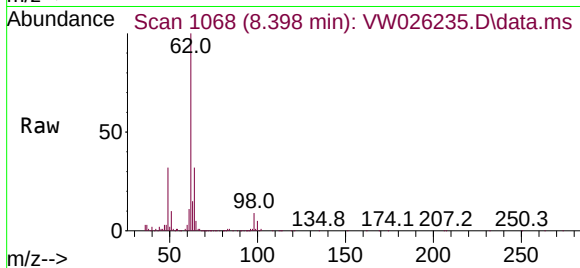
YBW11

Tgt Ion: 62 Resp: 54412

Ion Ratio Lower Upper

62 100

98 8.5 7.4 11.2



#30

1,1,1-Trichloroethane

Concen: 0.731 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.006 min

Lab File: VW026235.D

Acq: 16 Jun 2023 18:05

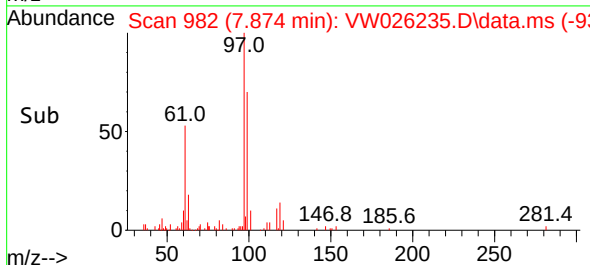
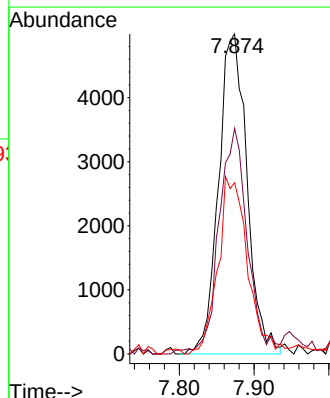
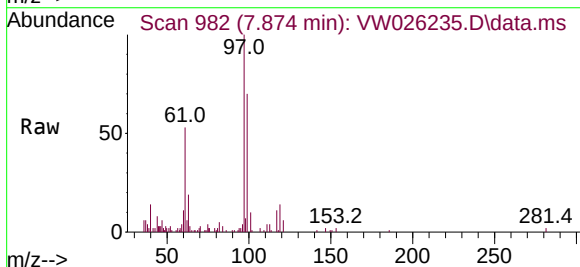
Tgt Ion: 97 Resp: 13210

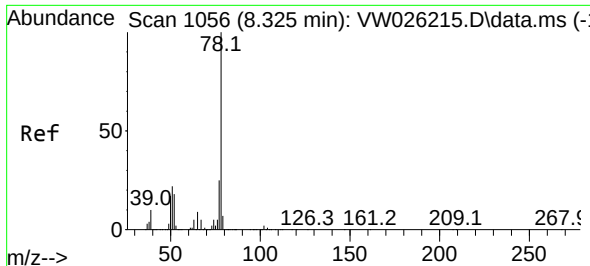
Ion Ratio Lower Upper

97 100

99 66.2 50.6 76.0

61 55.0 40.5 60.7

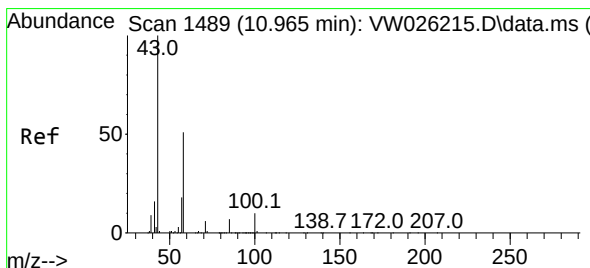
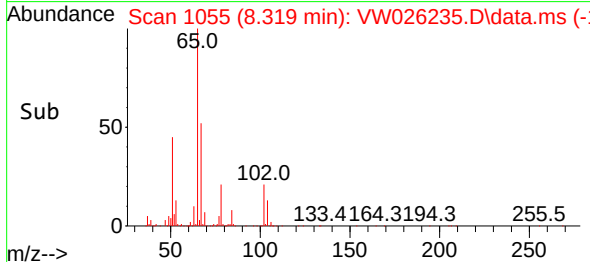
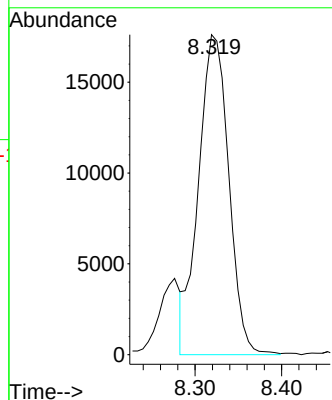
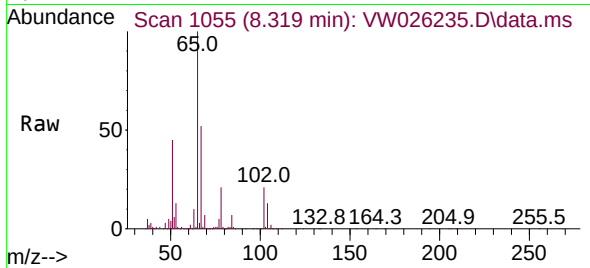




#33
Benzene
Concen: 0.838 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW026235.D
Acq: 16 Jun 2023 18:05

Instrument :
MSVOA_W
ClientSampleId :
YBW11

Tgt Ion: 78 Resp: 42756



#48
2-Hexanone
Concen: 2.742 ug/L
RT: 10.922 min Scan# 1482
Delta R.T. -0.043 min
Lab File: VW026235.D
Acq: 16 Jun 2023 18:05

Tgt Ion: 43 Resp: 15748
Ion Ratio Lower Upper
43 100
58 26.3 42.2 63.2#
57 26.7 14.2 21.2#
100 2.5 8.3 12.5#

