

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062023\
 Data File : VW026274.D
 Acq On : 20 Jun 2023 16:56
 Operator : SY/MD
 Sample : 03334-16
 Misc : 4.95g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 YBW20

Quant Time: Jun 21 01:15:01 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)

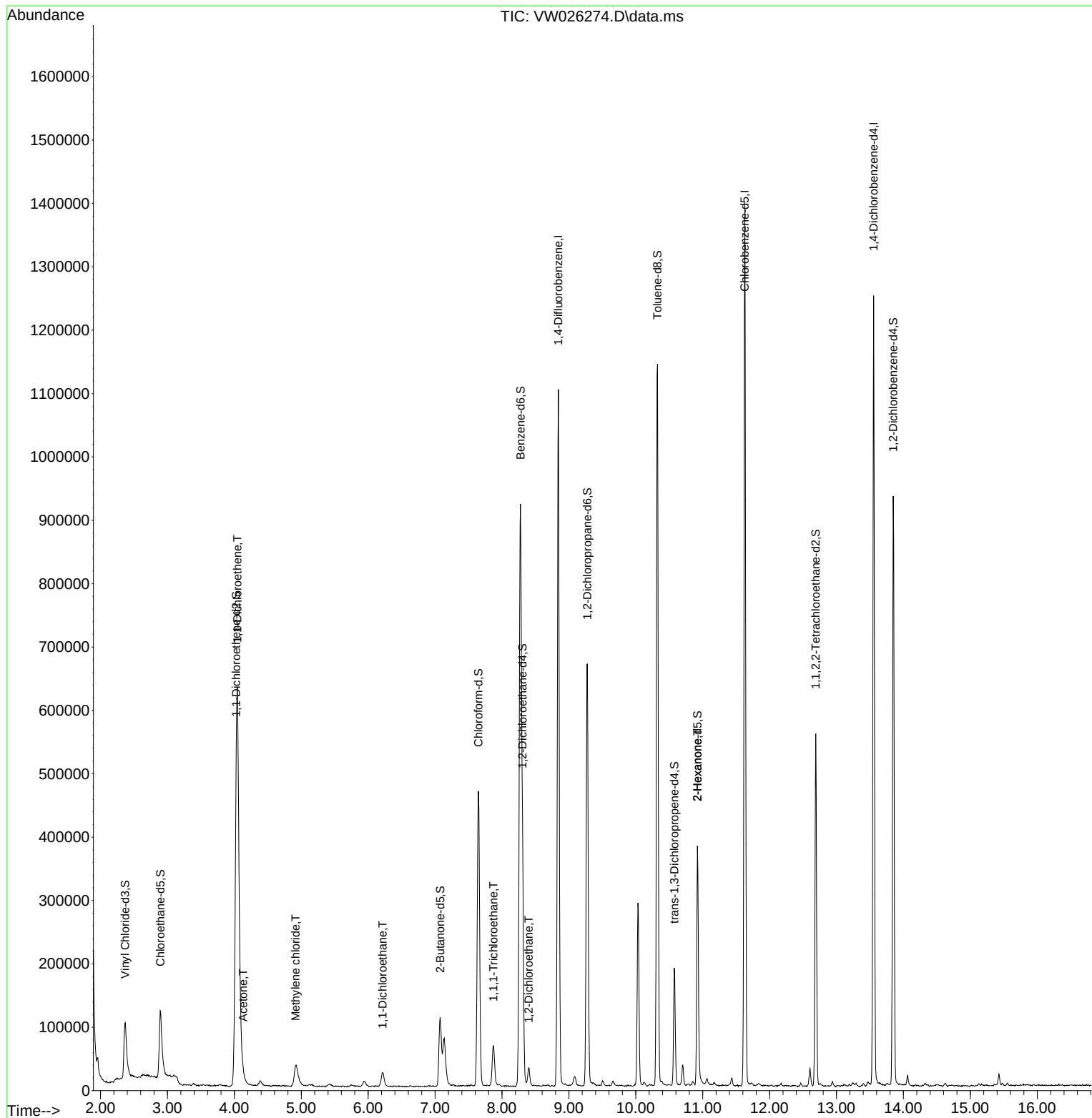
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	833487	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	705347	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	287155	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	168559	14.376	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.520%
7) Chloroethane-d5	2.893	69	168268	19.171	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.680%
11) 1,1-Dichloroethene-d2	4.027	65	91621	15.847	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.400%
21) 2-Butanone-d5	7.075	46	195067	57.143	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.280%
24) Chloroform-d	7.648	84	468383	19.190	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	76.760%
26) 1,2-Dichloroethane-d4	8.307	65	285185	21.368	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.480%
32) Benzene-d6	8.276	84	904196	19.051	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.200%
36) 1,2-Dichloropropane-d6	9.276	67	314353	20.906	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.640%
41) Toluene-d8	10.325	98	732288	17.398	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	69.600%
43) trans-1,3-Dichloroprop...	10.575	79	101295	17.000	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	68.000%
47) 2-Hexanone-d5	10.922	63	123108	51.924	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.840%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	277868	25.395	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.560%
66) 1,2-Dichlorobenzene-d4	13.848	152	222447	20.239	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	80.960%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.045	96	329628	31.062	ug/L #	76
13) Acetone	4.131	43	7689	2.911	ug/L	93
16) Methylene chloride	4.917	84	30704	2.308	ug/L	92
19) 1,1-Dichloroethane	6.216	63	31890	1.316	ug/L	98
27) 1,2-Dichloroethane	8.398	62	25210	1.619	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	51634	3.017	ug/L	98
48) 2-Hexanone	10.922	43	17038	3.132	ug/L #	69

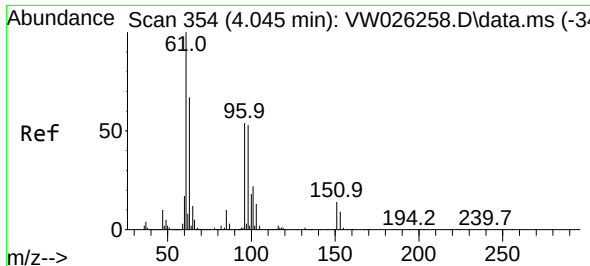
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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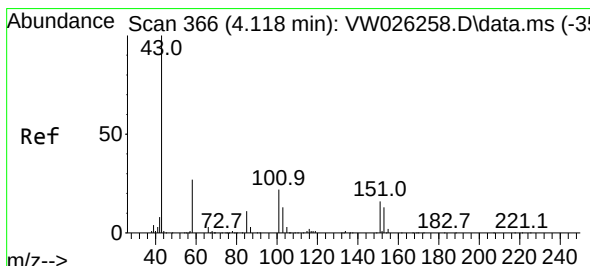
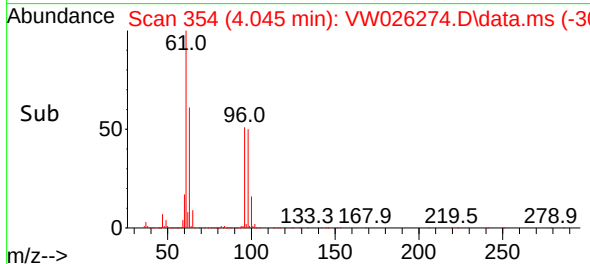
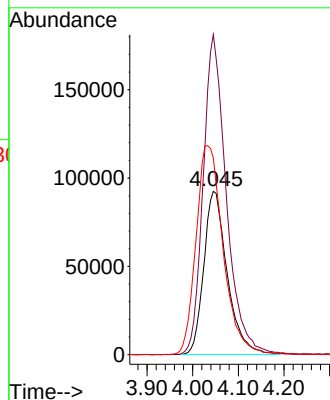
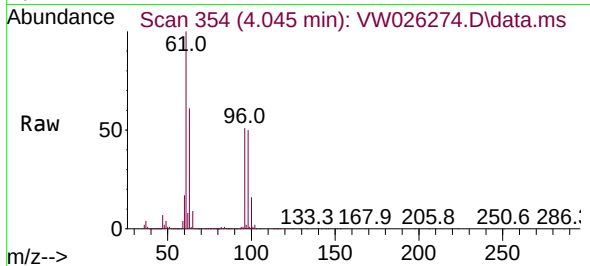




#12
1,1-Dichloroethene
Concen: 31.062 ug/L
RT: 4.045 min Scan# 31
Delta R.T. 0.000 min
Lab File: VW026274.D
Acq: 20 Jun 2023 16:56

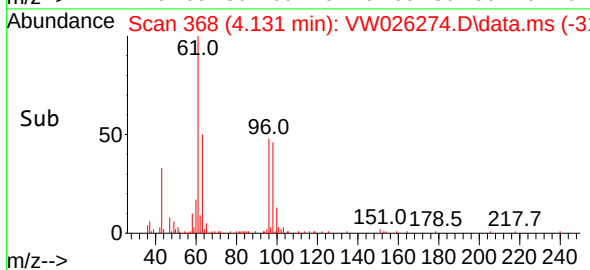
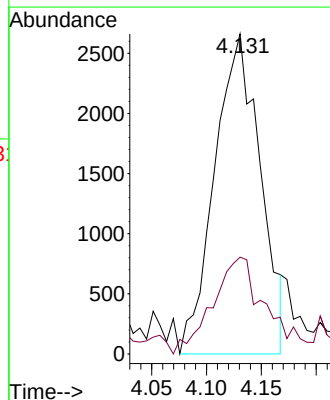
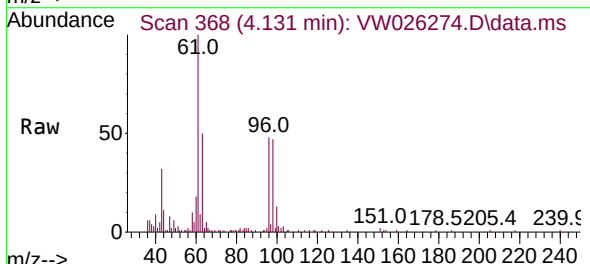
Instrument :
MSVOA_W
ClientSampleId :
YBW20

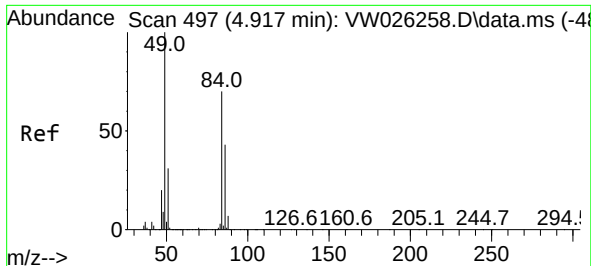
Tgt Ion: 96 Resp: 329628
Ion Ratio Lower Upper
96 100
61 195.8 140.6 261.0
63 120.4 131.7 244.5#



#13
Acetone
Concen: 2.911 ug/L
RT: 4.131 min Scan# 368
Delta R.T. 0.012 min
Lab File: VW026274.D
Acq: 20 Jun 2023 16:56

Tgt Ion: 43 Resp: 7689
Ion Ratio Lower Upper
43 100
58 25.4 0.0 58.2

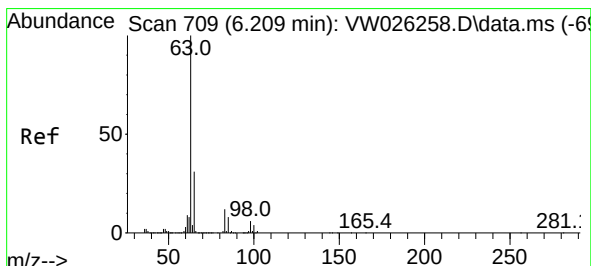
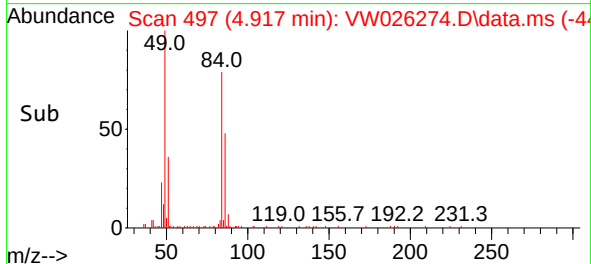
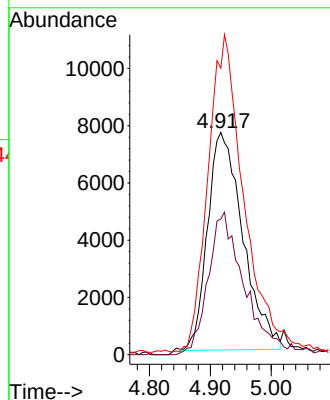
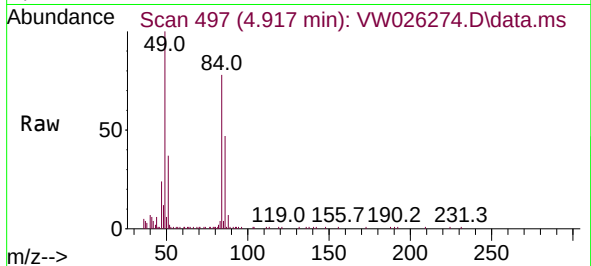




#16
Methylene chloride
Concen: 2.308 ug/L
RT: 4.917 min Scan# 49
Delta R.T. 0.000 min
Lab File: VW026274.D
Acq: 20 Jun 2023 16:56

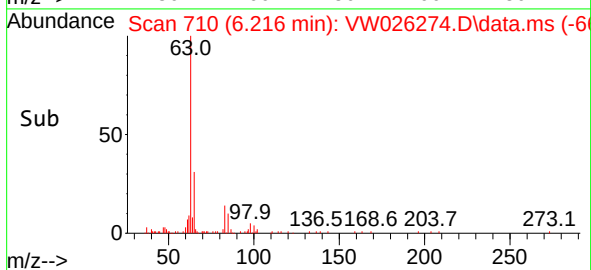
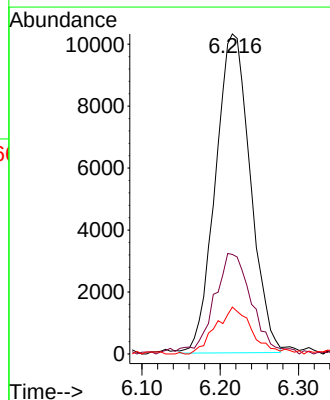
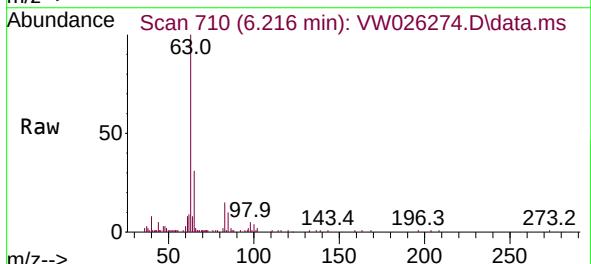
Instrument :
MSVOA_W
ClientSampleId :
YBW20

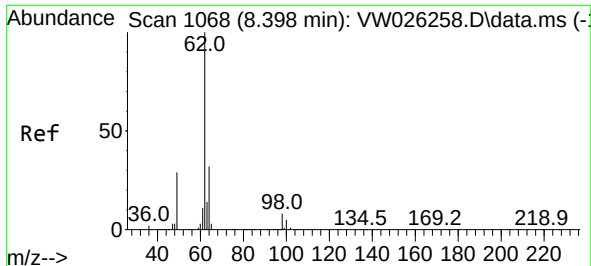
Tgt Ion:	84	Resp:	30704
Ion	Ratio	Lower	Upper
84	100		
86	61.1	44.2	82.0
49	129.0	98.8	183.6



#19
1,1-Dichloroethane
Concen: 1.316 ug/L
RT: 6.216 min Scan# 710
Delta R.T. 0.006 min
Lab File: VW026274.D
Acq: 20 Jun 2023 16:56

Tgt Ion:	63	Resp:	31890
Ion	Ratio	Lower	Upper
63	100		
65	31.1	22.3	41.5
83	14.7	9.1	16.9





#27

1,2-Dichloroethane

Concen: 1.619 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW026274.D

Acq: 20 Jun 2023 16:56

Instrument :

MSVOA_W

ClientSampleId :

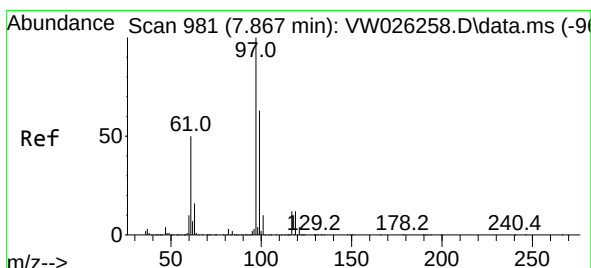
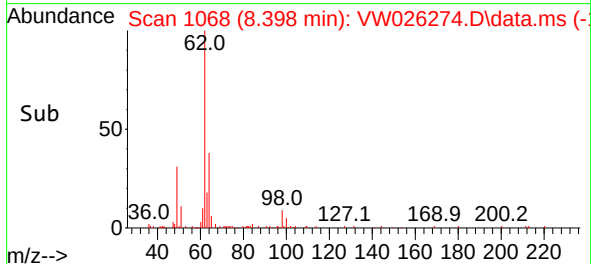
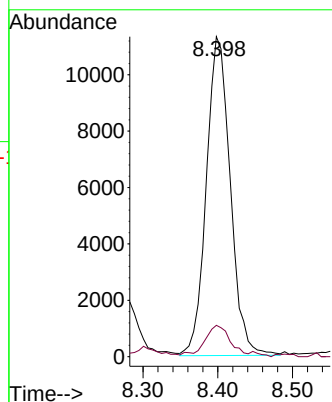
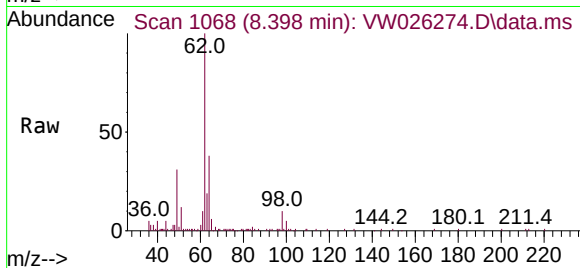
YBW20

Tgt Ion: 62 Resp: 25210

Ion Ratio Lower Upper

62 100

98 9.8 7.4 11.2



#30

1,1,1-Trichloroethane

Concen: 3.017 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.006 min

Lab File: VW026274.D

Acq: 20 Jun 2023 16:56

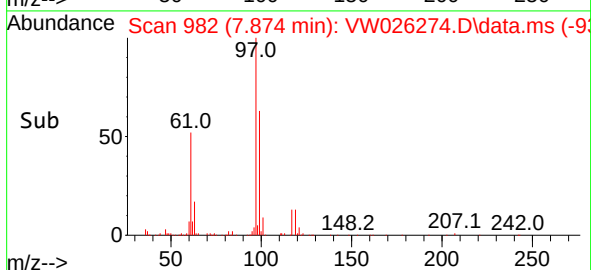
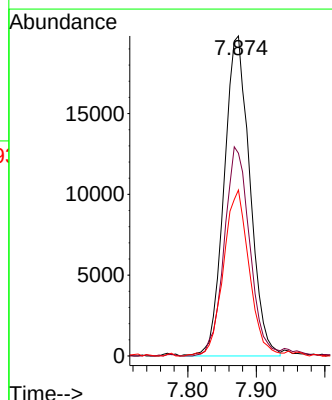
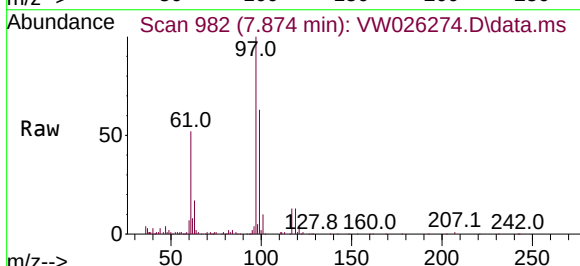
Tgt Ion: 97 Resp: 51634

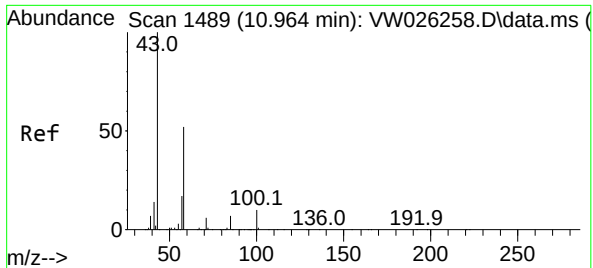
Ion Ratio Lower Upper

97 100

99 64.6 50.6 76.0

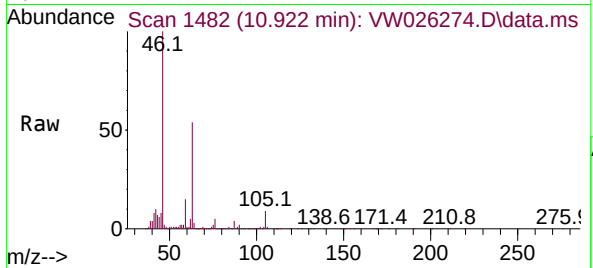
61 51.6 40.5 60.7





#48
 2-Hexanone
 Concen: 3.132 ug/L
 RT: 10.922 min Scan# 14
 Delta R.T. -0.042 min
 Lab File: VW026274.D
 Acq: 20 Jun 2023 16:56

Instrument :
 MSVOA_W
 ClientSampleId :
 YBW20



Tgt Ion: 43	Resp: 17038
Ion Ratio	Lower Upper
43	100
58	28.1 42.2 63.2#
57	31.3 14.2 21.2#
100	4.9 8.3 12.5#

