

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
 Data File : VW026477.D
 Acq On : 30 Jun 2023 17:05
 Operator : SY/MD
 Sample : 03478-13
 Misc : 3.06g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 YBW60

Quant Time: Jun 30 23:43:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 30 23:38:58 2023
 Response via : Initial Calibration

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

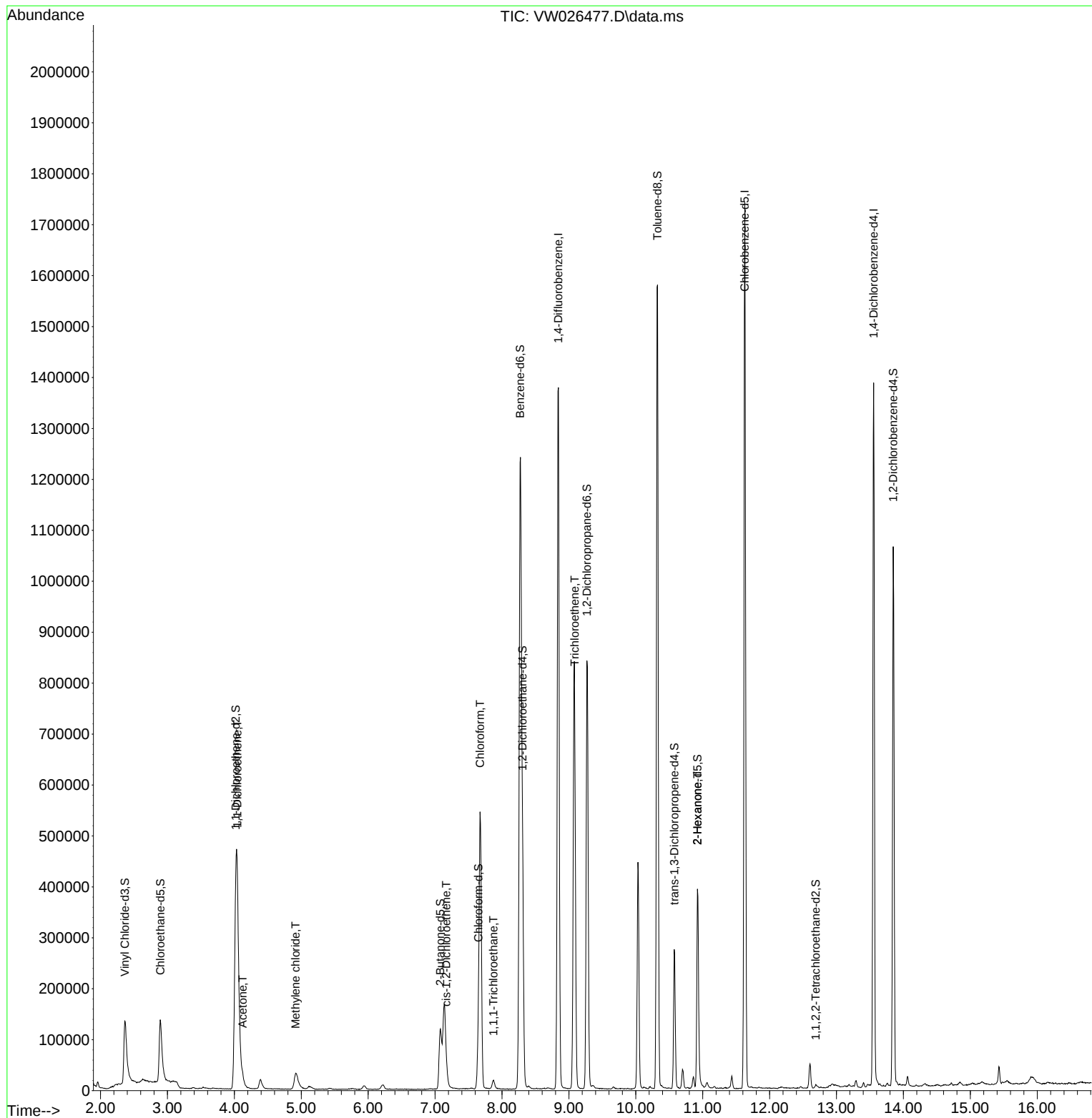
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	1131843	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	922728	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	345252	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	251089	19.484	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.920%
7) Chloroethane-d5	2.893	69	206806	19.708	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.840%
11) 1,1-Dichloroethene-d2	4.021	65	129839	20.136	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.560%
21) 2-Butanone-d5	7.075	46	205366	42.167	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.340%
24) Chloroform-d	7.648	84	102112	3.701	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	14.800%#
26) 1,2-Dichloroethane-d4	8.307	65	349058	23.148	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.600%
32) Benzene-d6	8.270	84	1275287	23.764	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.040%
36) 1,2-Dichloropropane-d6	9.270	67	419248	24.512	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.040%
41) Toluene-d8	10.325	98	1065258	22.472	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.880%
43) trans-1,3-Dichloroprop...	10.575	79	151630	21.994	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.960%
47) 2-Hexanone-d5	10.922	63	120340	42.072	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.140%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	2934	0.222	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	0.880%#
66) 1,2-Dichlorobenzene-d4	13.848	152	259050	21.548	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.200%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.045	96	171701	13.546	ug/L	87
13) Acetone	4.124	43	19720	5.732	ug/L	99
16) Methylene chloride	4.917	84	31345	1.639	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	12418	0.804	ug/L	88
25) Chloroform	7.673	83	507351	19.053	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	13579	0.691	ug/L	98
34) Trichloroethene	9.087	95	102730	6.979	ug/L	97
48) 2-Hexanone	10.922	43	18632	2.636	ug/L #	82

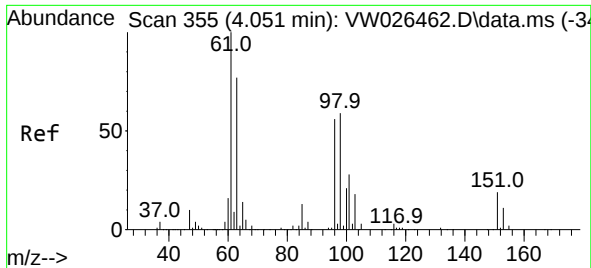
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Jun 30 23:38:58 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 13.546 ug/L

RT: 4.045 min Scan# 355

Delta R.T. -0.006 min

Lab File: VW026477.D

Acq: 30 Jun 2023 17:05

Instrument :

MSVOA_W

ClientSampleId :

YBW60

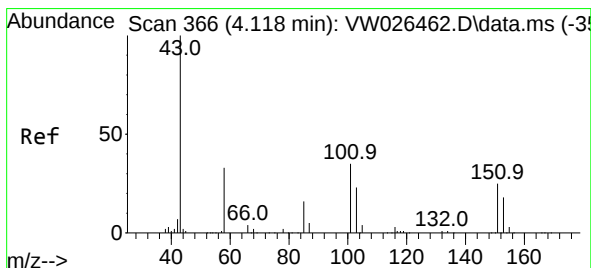
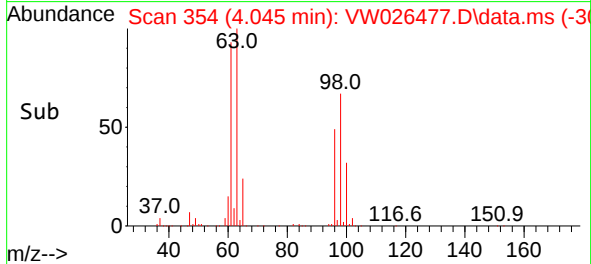
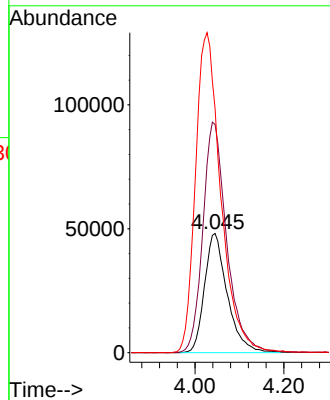
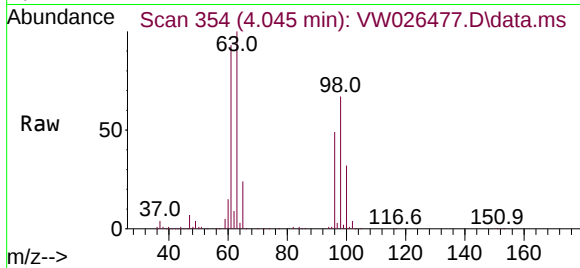
Tgt Ion: 96 Resp: 171701

Ion Ratio Lower Upper

96 100

61 191.3 134.0 248.8

63 204.8 117.1 217.5



#13

Acetone

Concen: 5.732 ug/L

RT: 4.124 min Scan# 367

Delta R.T. 0.006 min

Lab File: VW026477.D

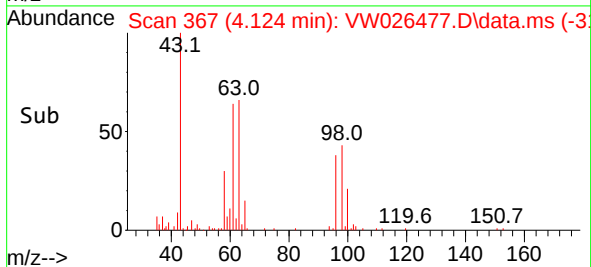
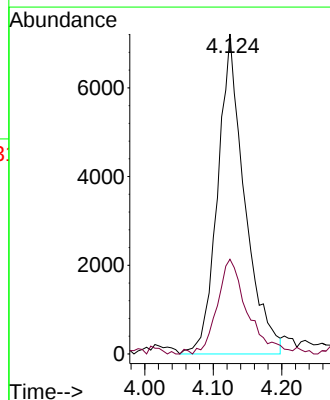
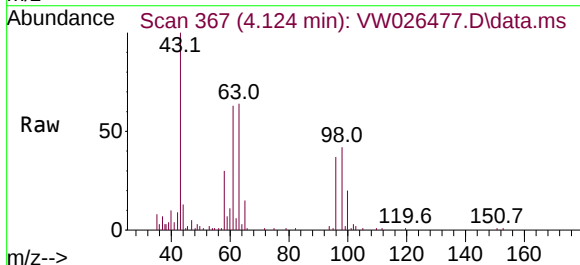
Acq: 30 Jun 2023 17:05

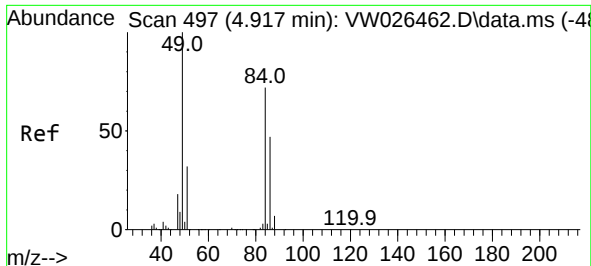
Tgt Ion: 43 Resp: 19720

Ion Ratio Lower Upper

43 100

58 31.0 0.0 63.2

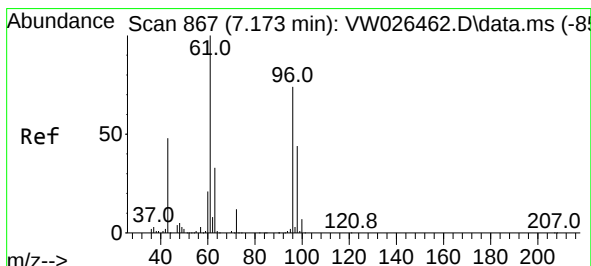
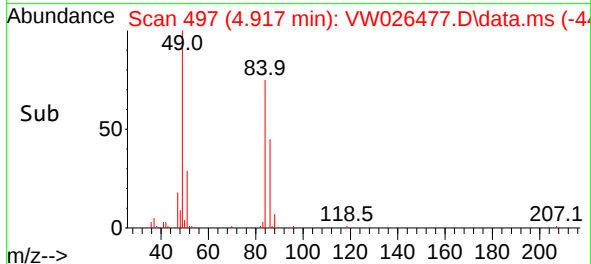
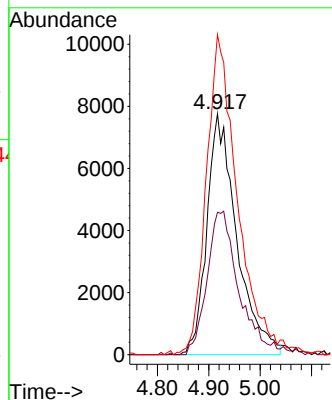
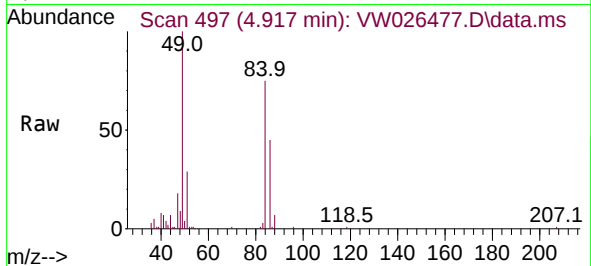




#16
Methylene chloride
Concen: 1.639 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW026477.D
Acq: 30 Jun 2023 17:05

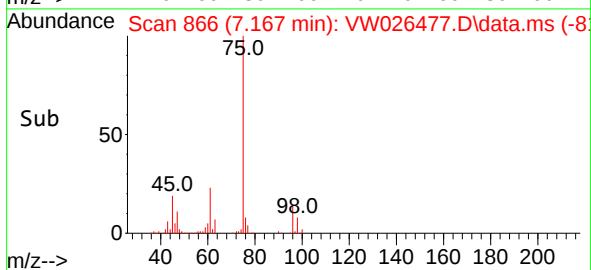
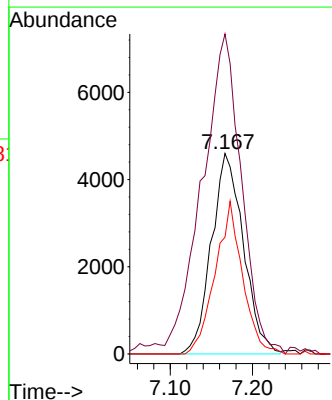
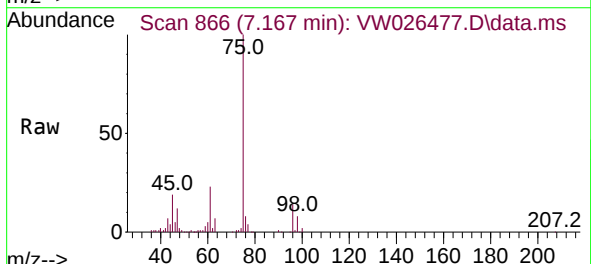
Instrument :
MSVOA_W
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YBW60

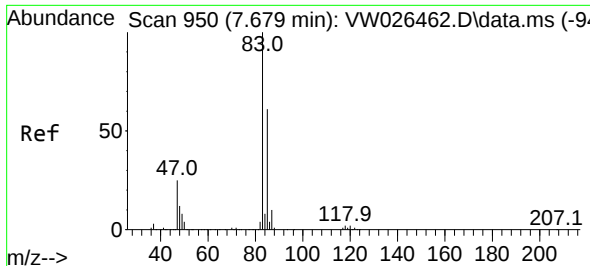
Tgt Ion:	84	Resp:	31345
Ion	Ratio	Lower	Upper
84	100		
86	59.1	44.1	81.9
49	132.8	94.1	174.8



#20
cis-1,2-Dichloroethene
Concen: 0.804 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW026477.D
Acq: 30 Jun 2023 17:05

Tgt Ion:	96	Resp:	12418
Ion	Ratio	Lower	Upper
96	100		
61	159.7	99.3	184.5
98	58.3	44.3	82.3

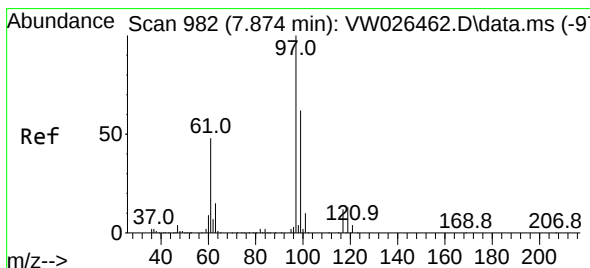
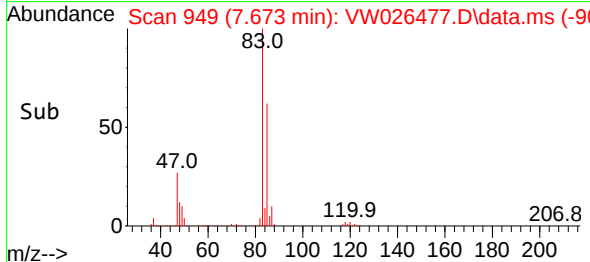
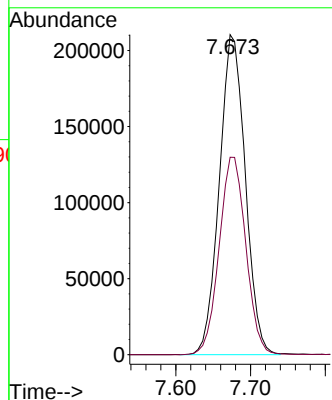
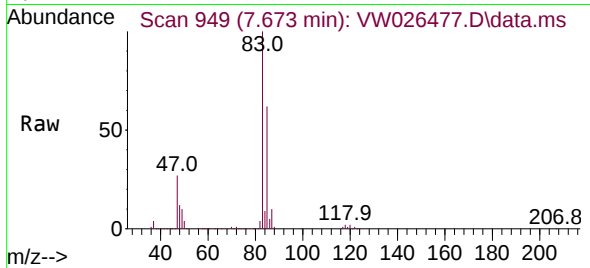




#25
Chloroform
Concen: 19.053 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW026477.D
Acq: 30 Jun 2023 17:05

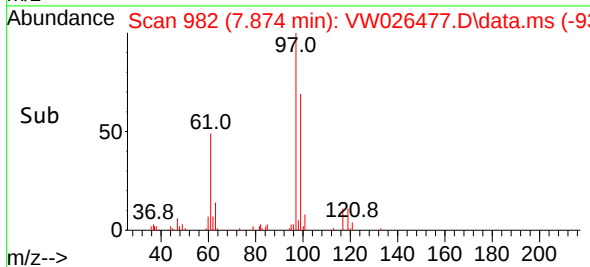
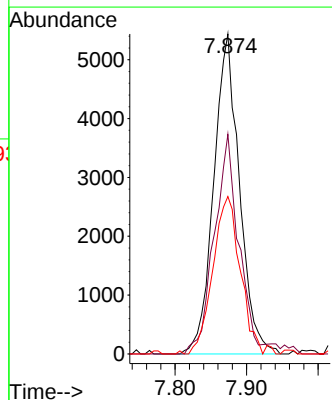
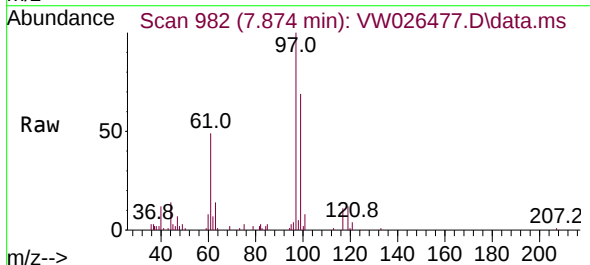
Instrument :
MSVOA_W
ClientSampleId :
YBW60

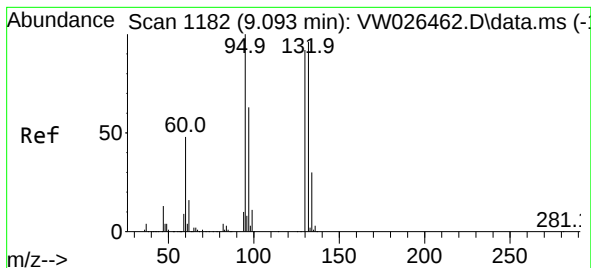
Tgt Ion: 83 Resp: 507351
Ion Ratio Lower Upper
83 100
85 61.7 44.4 82.4



#30
1,1,1-Trichloroethane
Concen: 0.691 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW026477.D
Acq: 30 Jun 2023 17:05

Tgt Ion: 97 Resp: 13579
Ion Ratio Lower Upper
97 100
99 64.8 51.3 76.9
61 52.0 39.5 59.3





#34

Trichloroethene

Concen: 6.979 ug/L

RT: 9.087 min Scan# 1182

Delta R.T. -0.006 min

Lab File: VW026477.D

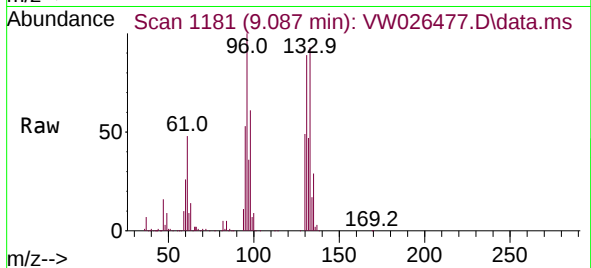
Acq: 30 Jun 2023 17:05

Instrument :

MSVOA_W

ClientSampleId :

YBW60



Tgt Ion: 95 Resp: 102730

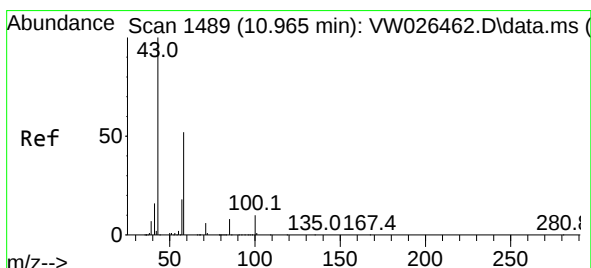
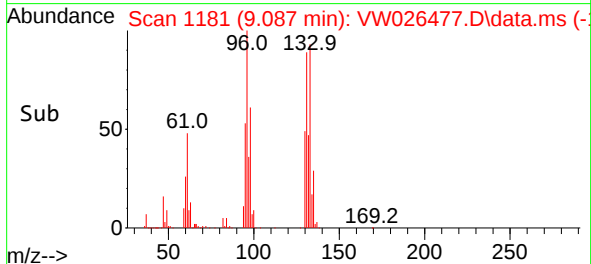
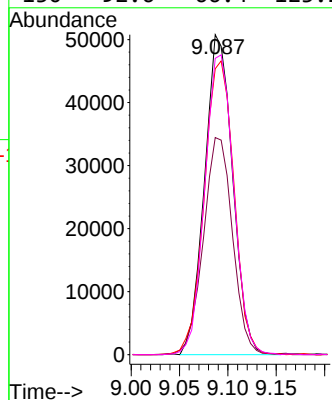
Ion Ratio Lower Upper

95 100

97 67.9 44.1 81.9

132 89.3 61.8 114.8

130 92.6 66.4 123.2



#48

2-Hexanone

Concen: 2.636 ug/L

RT: 10.922 min Scan# 1482

Delta R.T. -0.043 min

Lab File: VW026477.D

Acq: 30 Jun 2023 17:05

Tgt Ion: 43 Resp: 18632

Ion Ratio Lower Upper

43 100

58 42.6 42.1 63.1

57 28.4 14.5 21.7#

100 0.7 8.5 12.7#

