

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091223\
 Data File : VW027072.D
 Acq On : 12 Sep 2023 16:42
 Operator : SY/MD
 Sample : 04330-12
 Misc : 5.42g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 13 03:09:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Sep 09 02:59:49 2023
 Response via : Initial Calibration

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

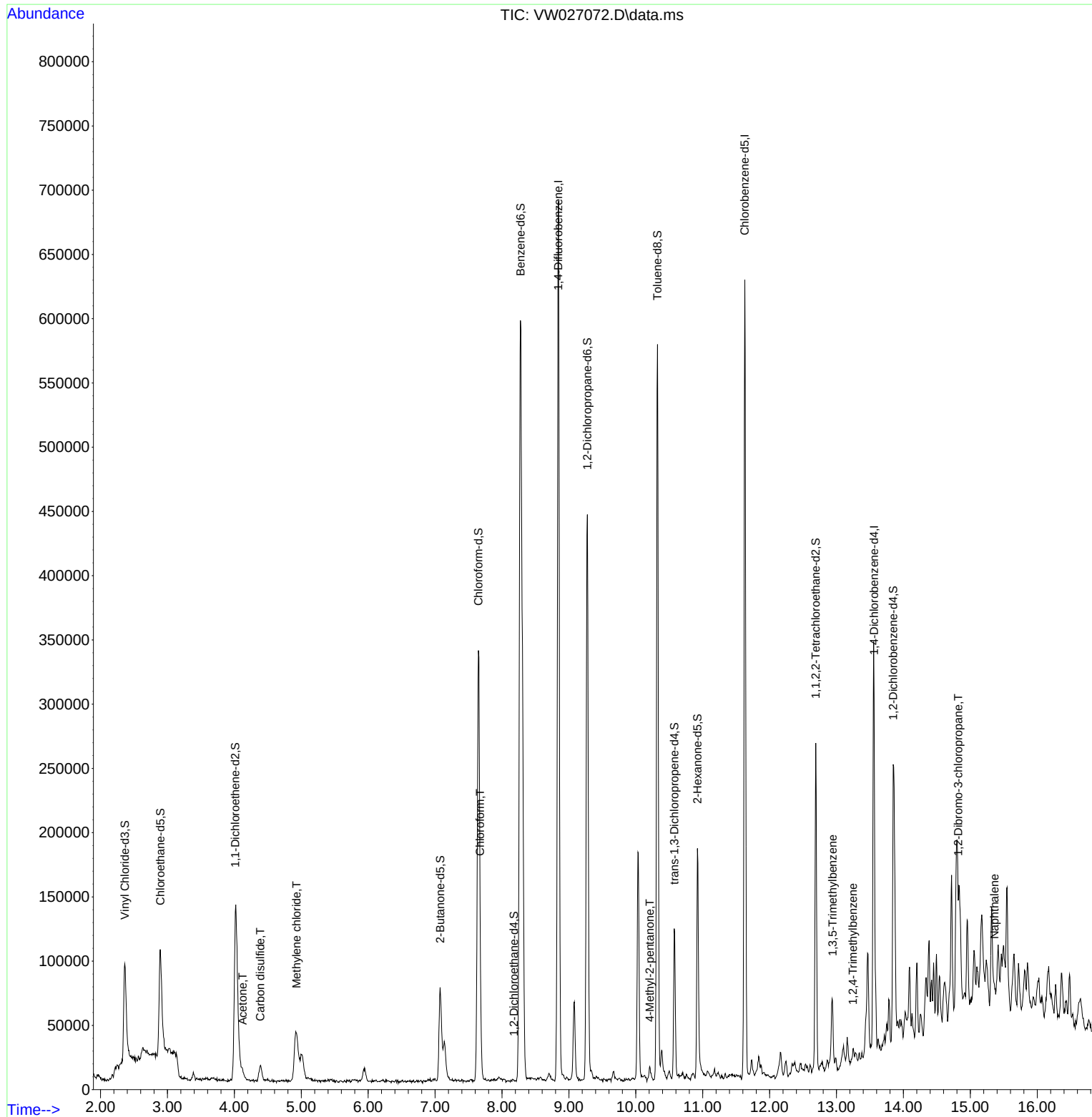
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	573668	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	364024	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.562	152	87049	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	142145	13.869	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.480%
7) Chloroethane-d5	2.893	69	142822	17.266	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.080%
11) 1,1-Dichloroethene-d2	4.015	65	53887	14.267	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.080%
21) 2-Butanone-d5	7.075	46	117765	59.634	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.260%
24) Chloroform-d	7.648	84	352180	20.631	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.520%
26) 1,2-Dichloroethane-d4	8.179	65	143	0.016	ug/L	-0.13
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.080%#
32) Benzene-d6	8.276	84	643062	26.932	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.720%
36) 1,2-Dichloropropane-d6	9.276	67	216525	30.889	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	123.560%#
41) Toluene-d8	10.325	98	390060	18.044	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	72.160%
43) trans-1,3-Dichloroprop...	10.575	79	67837	24.938	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.760%
47) 2-Hexanone-d5	10.922	63	59813	91.398	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	182.800%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	125215	23.018	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.080%
66) 1,2-Dichlorobenzene-d4	13.848	152	57925	19.240	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	76.960%
Target Compounds						Qvalue
13) Acetone	4.124	43	8204	4.745	ug/L	86
14) Carbon disulfide	4.387	76	24756	0.952	ug/L #	84
16) Methylene chloride	4.929	84	46179	4.155	ug/L	90
25) Chloroform	7.673	83	28818	1.757	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	5773	1.760	ug/L #	94
62) 1,3,5-Trimethylbenzene	12.940	105	14128	1.485	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	6057	0.651	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.818	75	1008	2.669	ug/L #	18
71) Naphthalene	15.360	128	6159	1.134	ug/L #	84

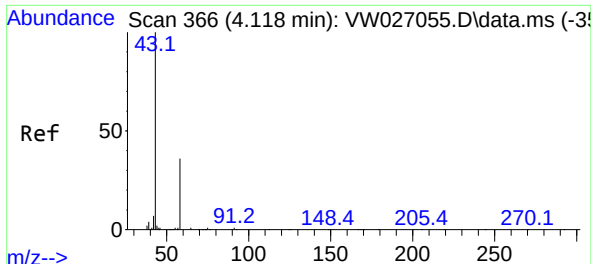
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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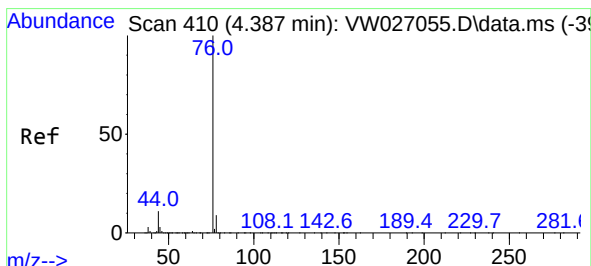
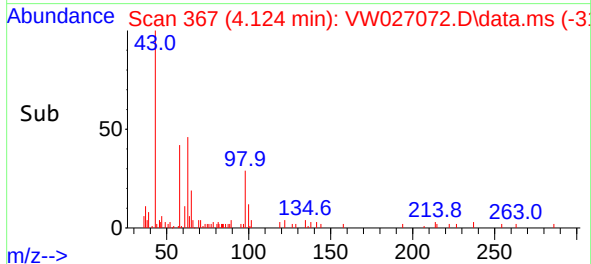
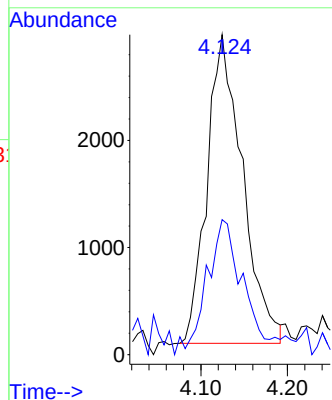
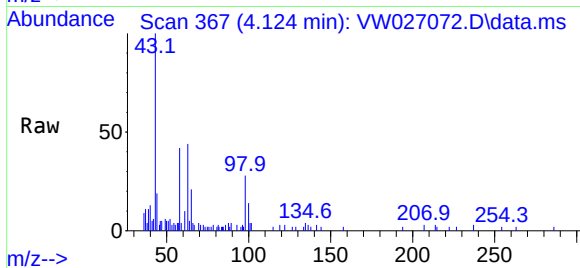




#13
Acetone
Concen: 4.745 ug/L
RT: 4.124 min Scan# 367
Delta R.T. 0.006 min
Lab File: VW027072.D
Acq: 12 Sep 2023 16:42

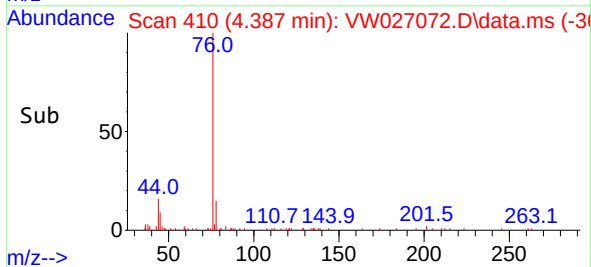
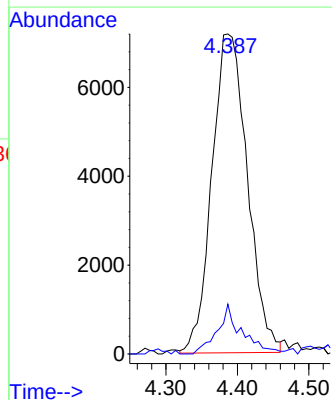
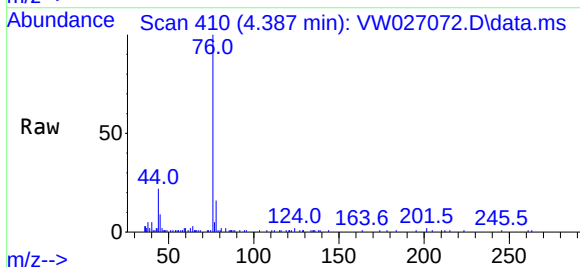
Instrument :
MSVOA_W
ClientSampleId :

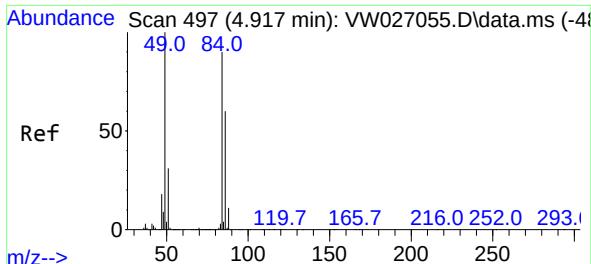
Tgt Ion: 43 Resp: 8204
Ion Ratio Lower Upper
43 100
58 41.0 0.0 66.4



#14
Carbon disulfide
Concen: 0.952 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.006 min
Lab File: VW027072.D
Acq: 12 Sep 2023 16:42

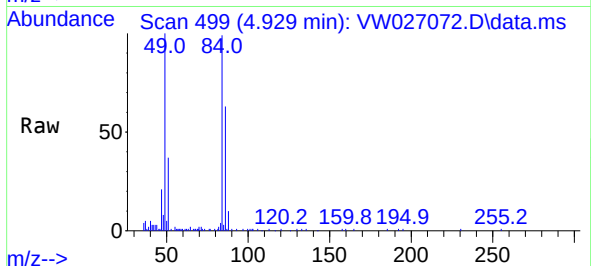
Tgt Ion: 76 Resp: 24756
Ion Ratio Lower Upper
76 100
78 15.5 7.8 11.8#





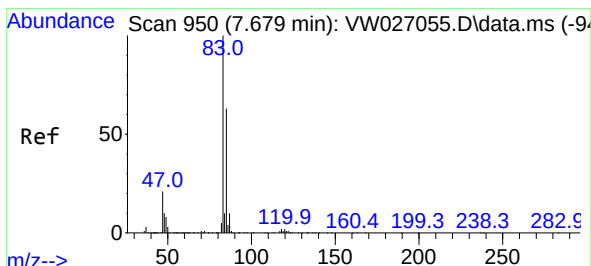
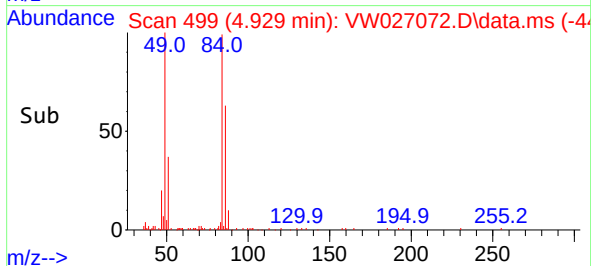
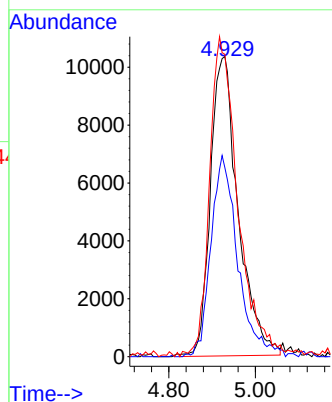
#16
Methylene chloride
Concen: 4.155 ug/L
RT: 4.929 min Scan# 499
Delta R.T. 0.006 min
Lab File: VW027072.D
Acq: 12 Sep 2023 16:42

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 84 Resp: 46179

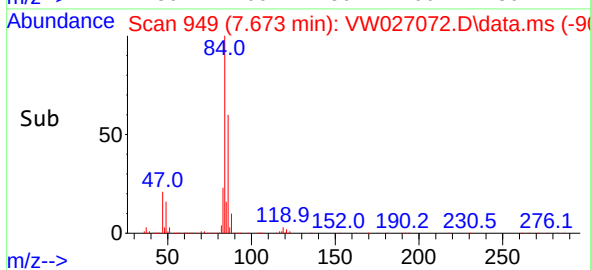
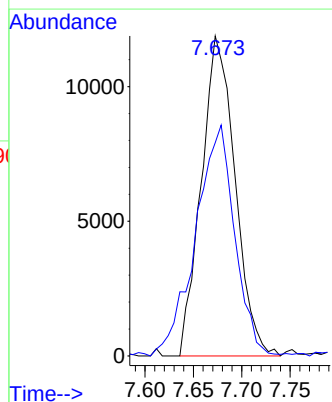
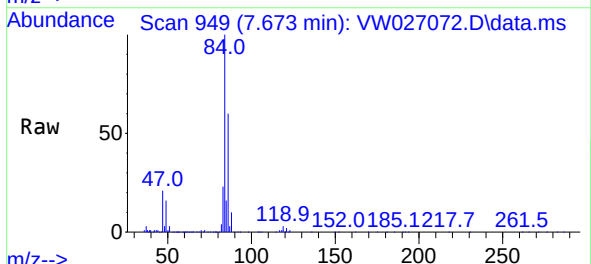
Ion	Ratio	Lower	Upper
84	100		
86	63.0	44.1	81.9
49	100.7	82.1	152.5

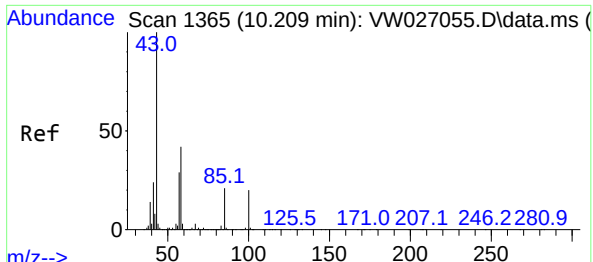


#25
Chloroform
Concen: 1.757 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW027072.D
Acq: 12 Sep 2023 16:42

Tgt Ion: 83 Resp: 28818

Ion	Ratio	Lower	Upper
83	100		
85	66.6	47.3	87.9

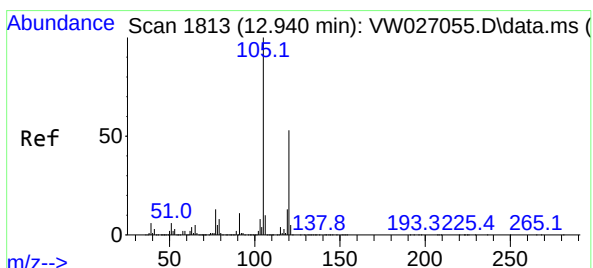
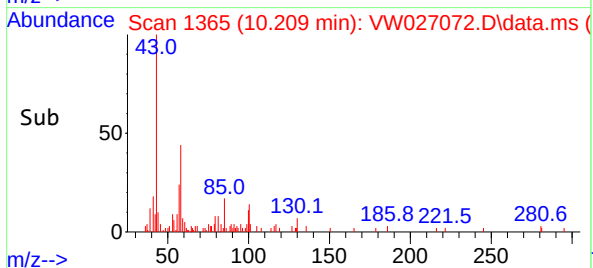
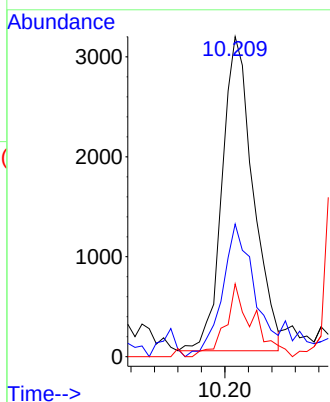
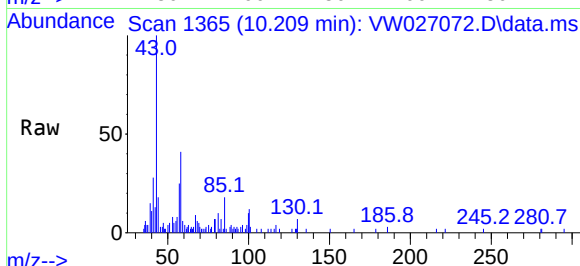




#40
4-Methyl-2-pentanone
Concen: 1.760 ug/L
RT: 10.209 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW027072.D
Acq: 12 Sep 2023 16:42

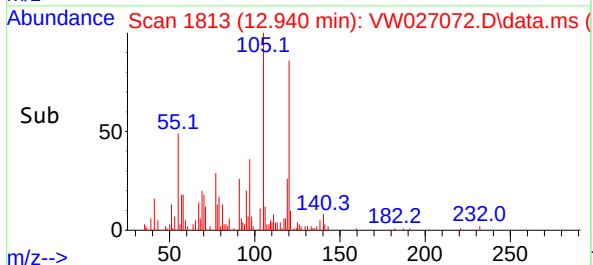
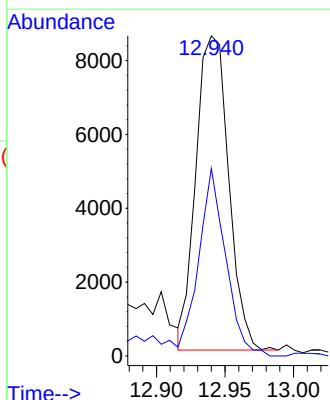
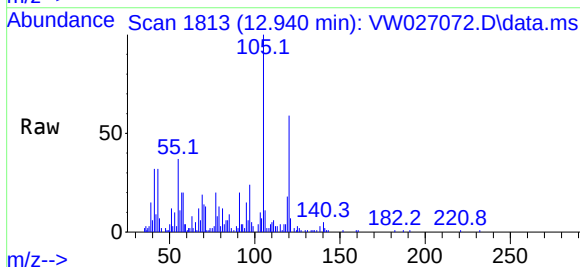
Instrument :
MSVOA_W
ClientSampleId :

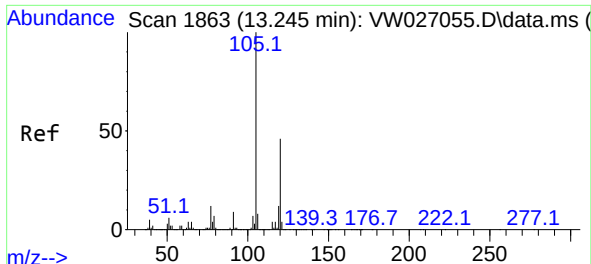
Tgt Ion:	43	Resp:	5773
Ion	Ratio	Lower	Upper
43	100		
58	43.9	33.4	50.2
100	10.9	13.0	19.4#



#62
1,3,5-Trimethylbenzene
Concen: 1.485 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW027072.D
Acq: 12 Sep 2023 16:42

Tgt Ion:	105	Resp:	14128
Ion	Ratio	Lower	Upper
105	100		
120	49.2	39.0	58.6





#63

1,2,4-Trimethylbenzene

Concen: 0.651 ug/L

RT: 13.245 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW027072.D

Acq: 12 Sep 2023 16:42

Instrument :

MSVOA_W

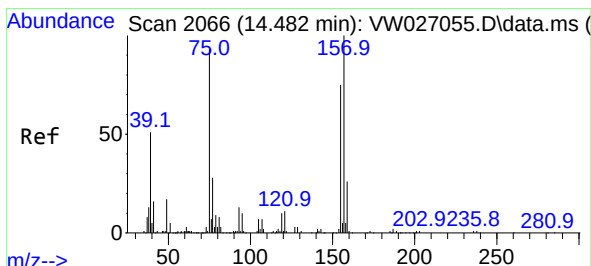
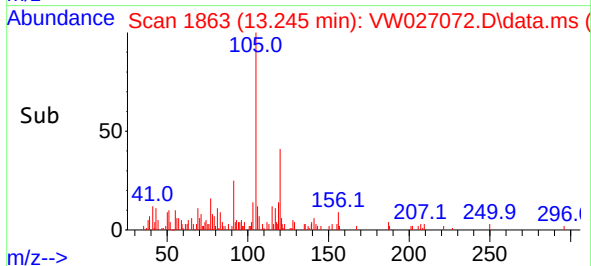
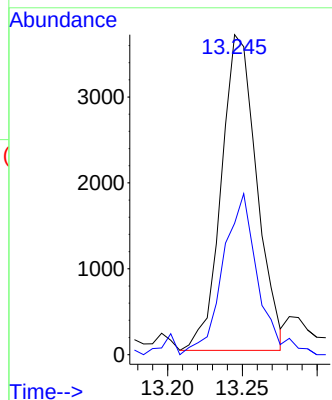
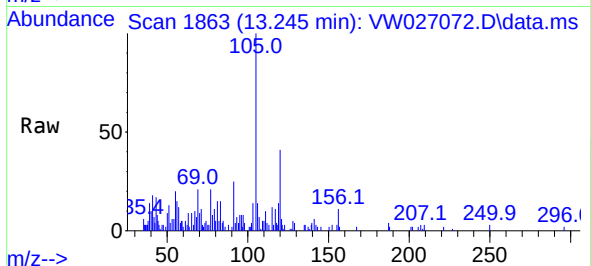
ClientSampleId :

Tgt Ion:105 Resp: 6057

Ion Ratio Lower Upper

105 100

120 50.7 36.3 54.5



#68

1,2-Dibromo-3-chloropropane

Concen: 2.669 ug/L

RT: 14.818 min Scan# 2121

Delta R.T. 0.335 min

Lab File: VW027072.D

Acq: 12 Sep 2023 16:42

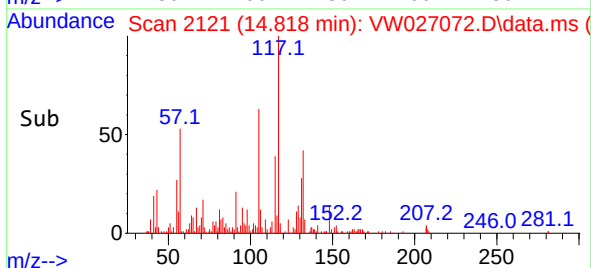
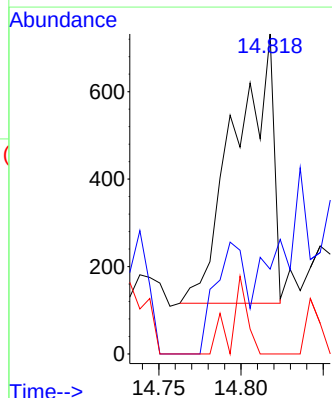
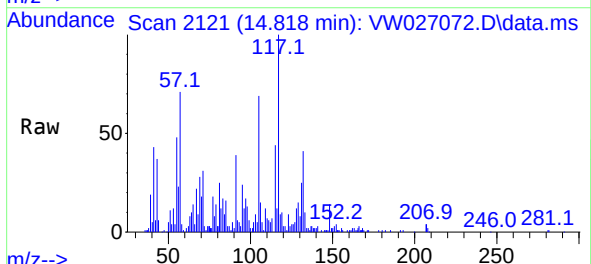
Tgt Ion: 75 Resp: 1008

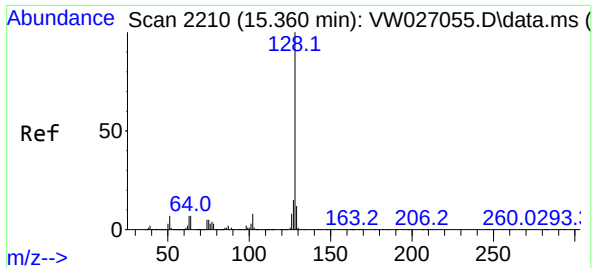
Ion Ratio Lower Upper

75 100

155 20.3 65.9 98.9#

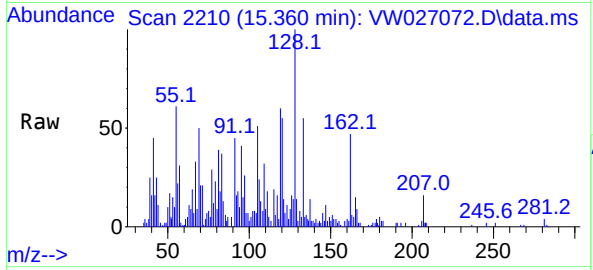
157 0.0 68.7 103.1#





#71
Naphthalene
Concen: 1.134 ug/L
RT: 15.360 min Scan# 21
Delta R.T. -0.000 min
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Instrument :
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ClientSampleId :



Tgt Ion:128 Resp: 6159

Ion	Ratio	Lower	Upper
128	100		
127	6.4	10.9	16.3#
129	6.0	8.9	13.3#

