

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092024\
 Data File : VW030172.D
 Acq On : 20 Sep 2024 13:39
 Operator : SY/MD
 Sample : P4109-08
 Misc : 8.01g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 20 23:53:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 20 23:43:18 2024
 Response via : Initial Calibration

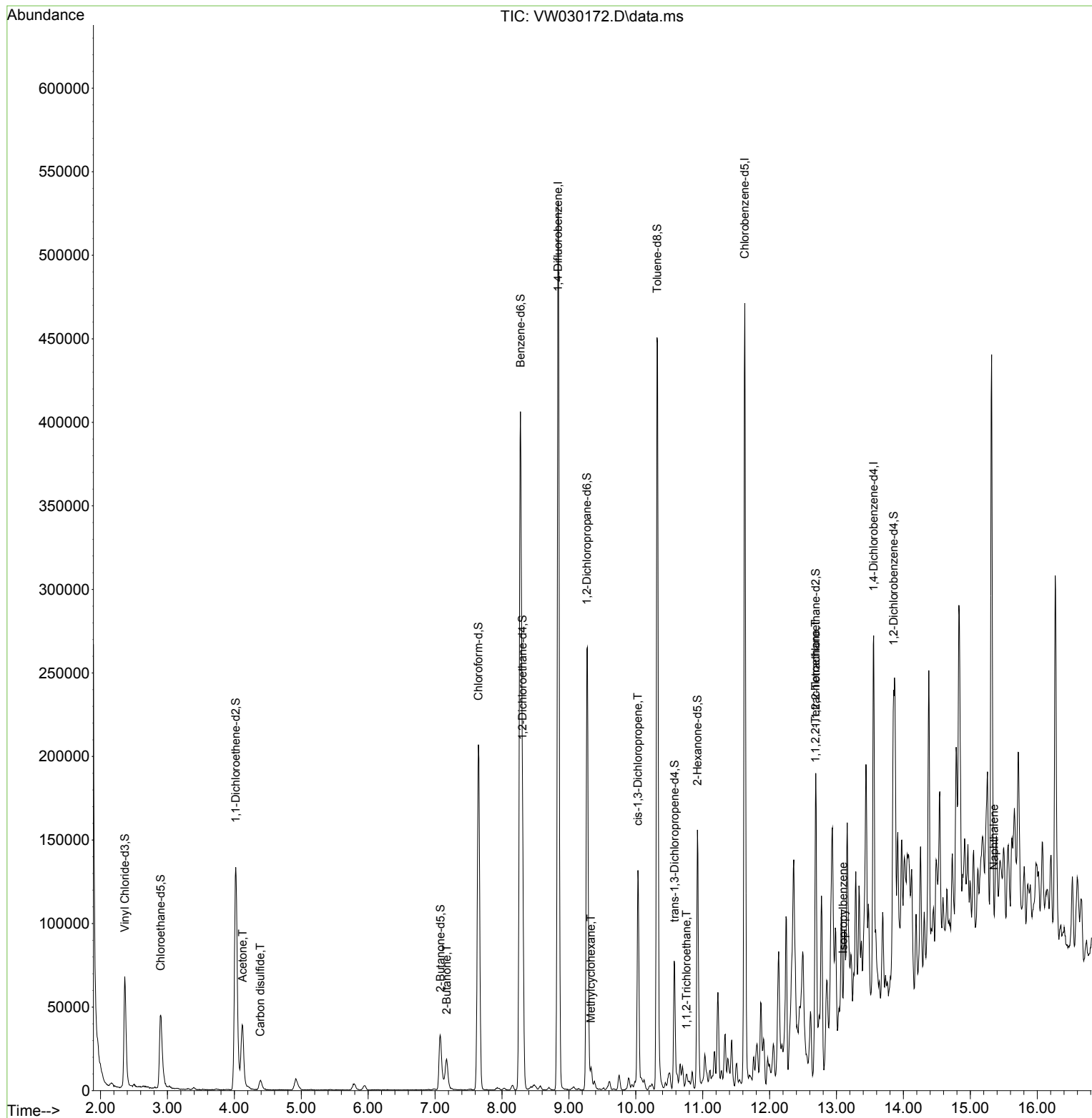
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	460516	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	267080	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	63371	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	94468	15.885	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.520%
7) Chloroethane-d5	2.899	69	75814	18.057	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.240%
11) 1,1-Dichloroethene-d2	4.021	65	46936	15.795	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.200%
21) 2-Butanone-d5	7.081	46	57298	39.789	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.580%
24) Chloroform-d	7.648	84	222317	17.558	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	70.240%
26) 1,2-Dichloroethane-d4	8.307	65	118960	18.709	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	74.840%
32) Benzene-d6	8.276	84	432398	28.103	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	112.400%
36) 1,2-Dichloropropane-d6	9.270	67	133138	28.026	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.120%
41) Toluene-d8	10.319	98	300240	21.775	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.120%
43) trans-1,3-Dichloroprop...	10.581	79	44652	23.461	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.840%
47) 2-Hexanone-d5	10.922	63	48172	66.268	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	132.540%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	74471	21.056	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.240%
66) 1,2-Dichlorobenzene-d4	13.855	152	37944	17.638	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	70.560%#
Target Compounds						
13) Acetone	4.125	43	63259	38.289	ug/L	98
14) Carbon disulfide	4.387	76	8919	0.571	ug/L #	94
22) 2-Butanone	7.173	43	27982	14.308	ug/L	98
35) Methylcyclohexane	9.331	83	3680	0.542	ug/L	92
39) cis-1,3-Dichloropropene	10.032	75	3082	0.476	ug/L #	62
45) 1,1,2-Trichloroethane	10.758	97	2749	0.854	ug/L #	23
57) 1,1,2,2-Tetrachloroethane	12.684	83	3313	0.862	ug/L #	58
60) Isopropylbenzene	13.099	105	4359	0.467	ug/L	93
71) Naphthalene	15.354	128	2153	0.507	ug/L #	76

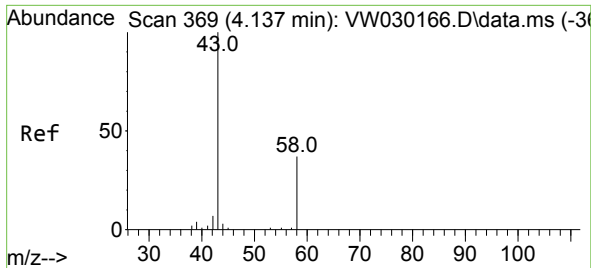
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Sep 20 23:43:18 2024
Response via : Initial Calibration





#13

Acetone

Concen: 38.289 ug/L

RT: 4.125 min Scan# 3

Delta R.T. -0.012 min

Lab File: VW030172.D

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Instrument :

MSVOA_W

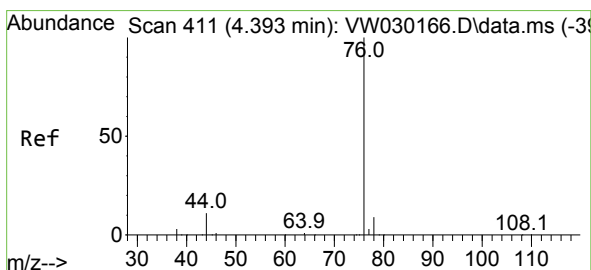
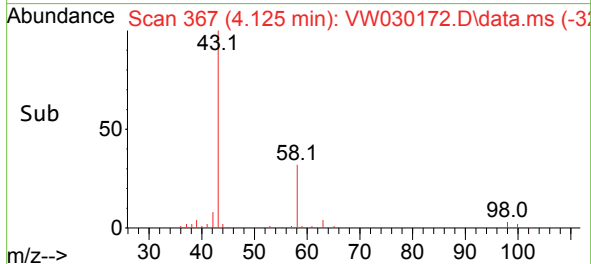
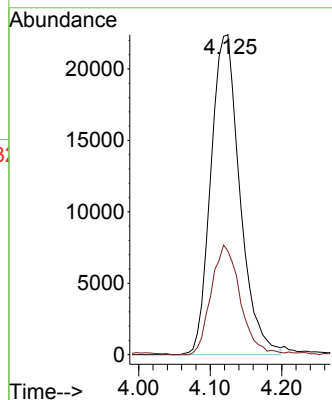
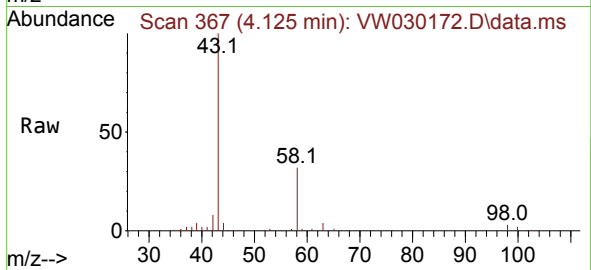
ClientSampleId :

Tgt Ion: 43 Resp: 63259

Ion Ratio Lower Upper

43 100

58 33.8 0.0 65.0



#14

Carbon disulfide

Concen: 0.571 ug/L

RT: 4.387 min Scan# 410

Delta R.T. -0.006 min

Lab File: VW030172.D

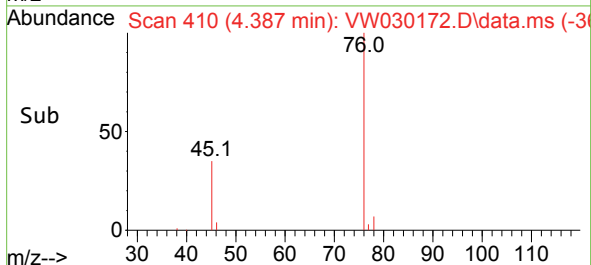
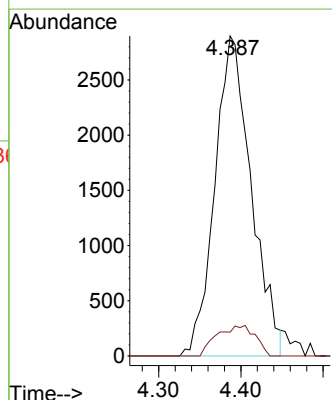
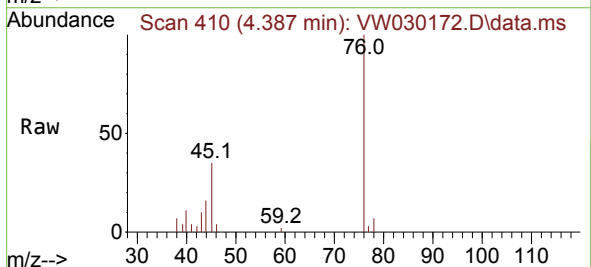
Acq: 20 Sep 2024 13:39

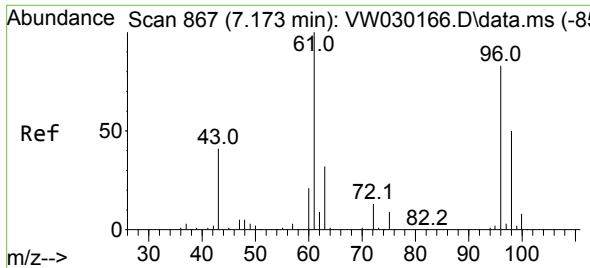
Tgt Ion: 76 Resp: 8919

Ion Ratio Lower Upper

76 100

78 7.5 7.6 11.4#

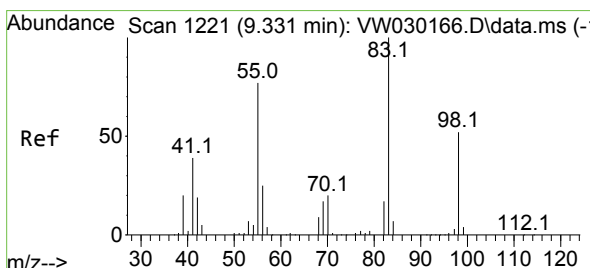
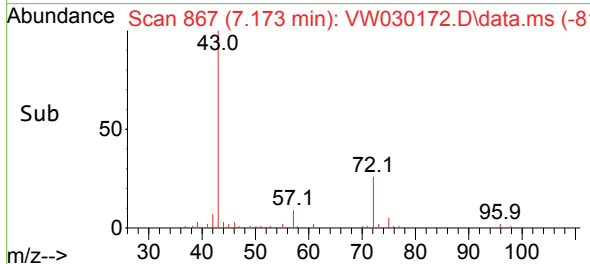
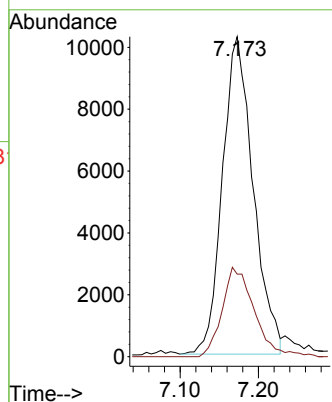
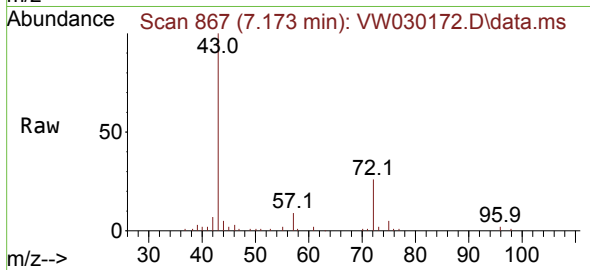




#22
2-Butanone
Concen: 14.308 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW030172.D
Acq: 20 Sep 2024 13:39

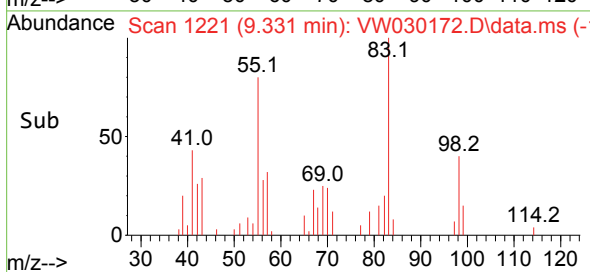
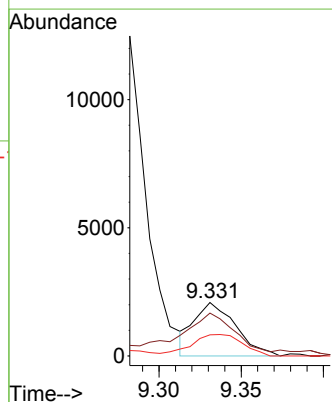
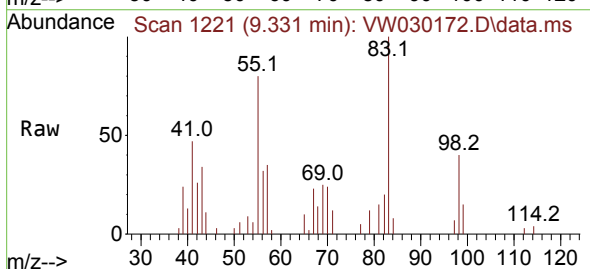
Instrument :
MSVOA_W
ClientSampleId :

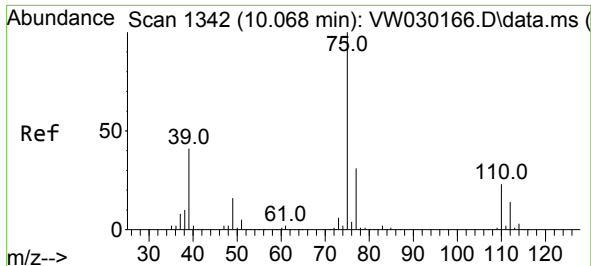
Tgt Ion: 43 Resp: 27982
Ion Ratio Lower Upper
43 100
72 28.7 13.9 41.7



#35
Methylcyclohexane
Concen: 0.542 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. 0.000 min
Lab File: VW030172.D
Acq: 20 Sep 2024 13:39

Tgt Ion: 83 Resp: 3680
Ion Ratio Lower Upper
83 100
55 90.2 63.0 94.6
98 49.0 38.7 58.1

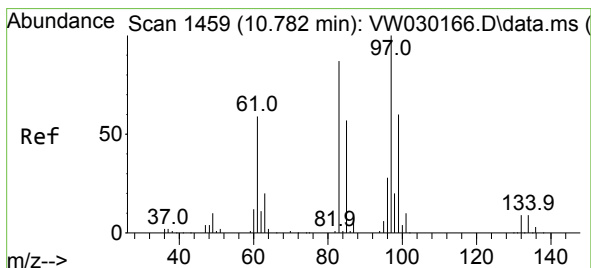
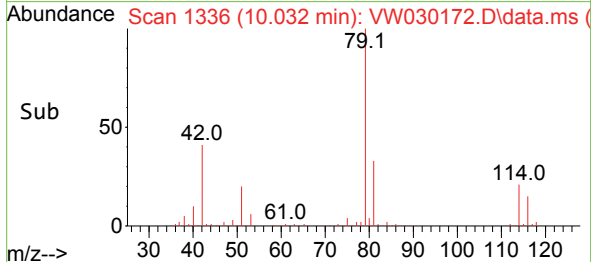
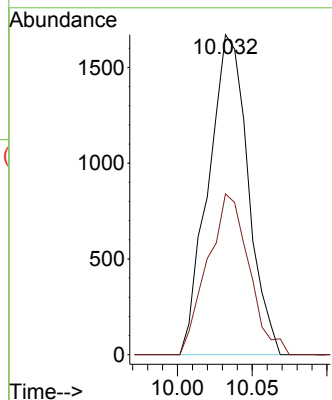
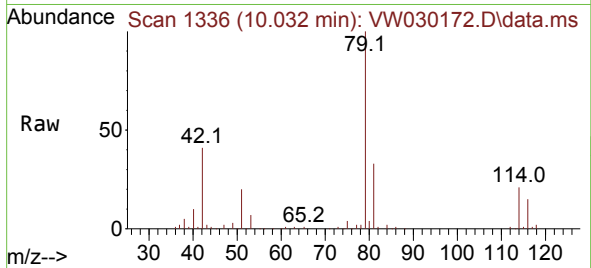




#39
cis-1,3-Dichloropropene
Concen: 0.476 ug/L
RT: 10.032 min Scan# 11
Delta R.T. -0.036 min
Lab File: VW030172.D
Acq: 20 Sep 2024 13:39

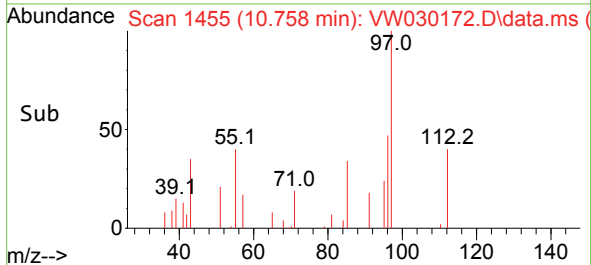
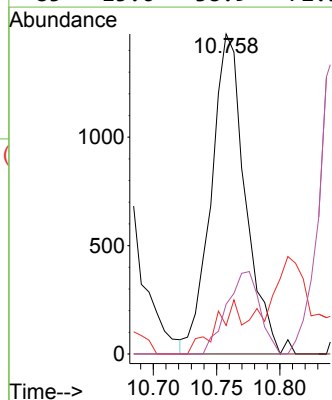
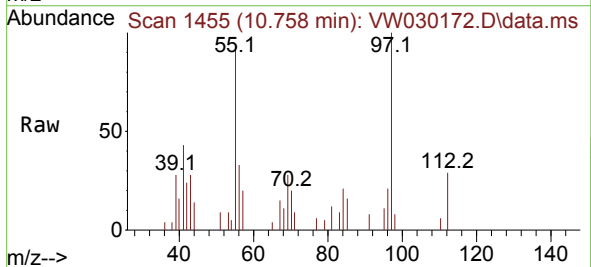
Instrument :
MSVOA_W
ClientSampleId :

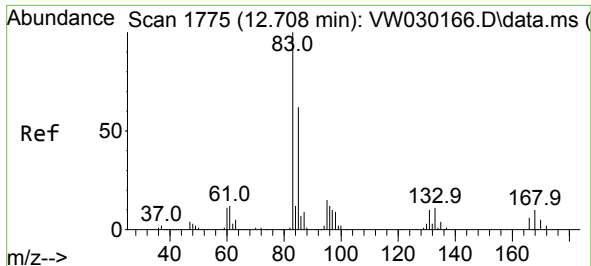
Tgt Ion: 75 Resp: 3082
Ion Ratio Lower Upper
75 100
77 50.3 20.7 38.5#



#45
1,1,2-Trichloroethane
Concen: 0.854 ug/L
RT: 10.758 min Scan# 1455
Delta R.T. -0.024 min
Lab File: VW030172.D
Acq: 20 Sep 2024 13:39

Tgt Ion: 97 Resp: 2749
Ion Ratio Lower Upper
97 100
99 0.0 45.6 84.8#
83 8.9 64.0 119.0#
85 15.6 38.9 72.3#





#57

1,1,2,2-Tetrachloroethane

Concen: 0.862 ug/L

RT: 12.684 min Scan# 1

Delta R.T. -0.024 min

Lab File: VW030172.D

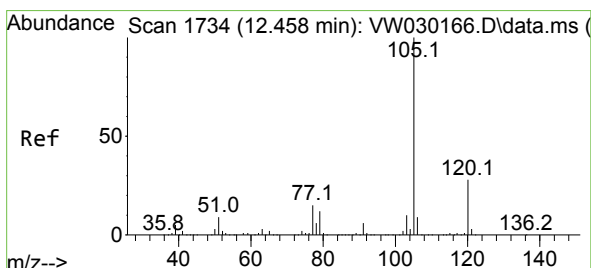
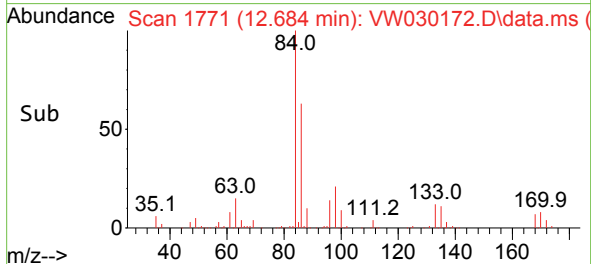
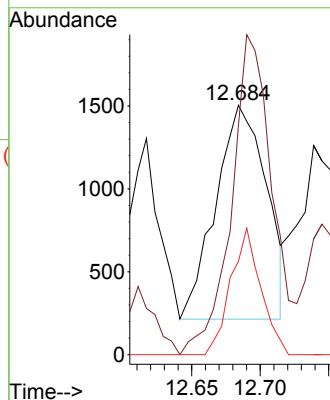
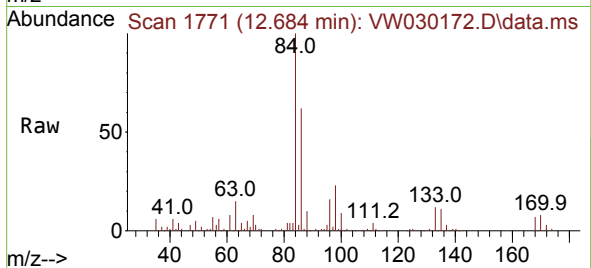
Acq: 20 Sep 2024 13:39

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83	Resp: 3313
Ion Ratio	Lower Upper
83	100
85	92.0 44.5 82.7#
131	37.4 7.4 11.2#



#60

Isopropylbenzene

Concen: 0.467 ug/L

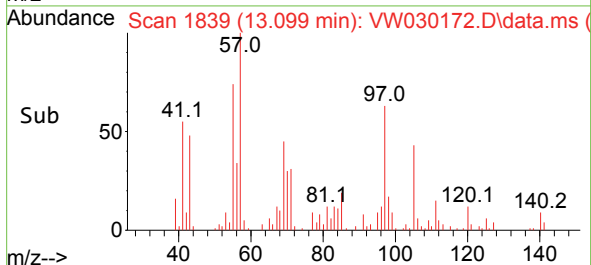
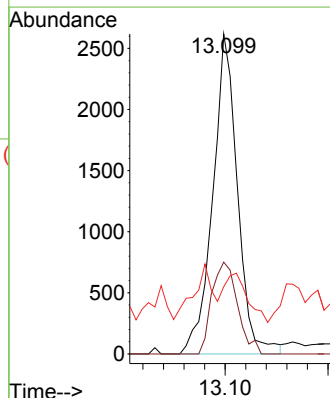
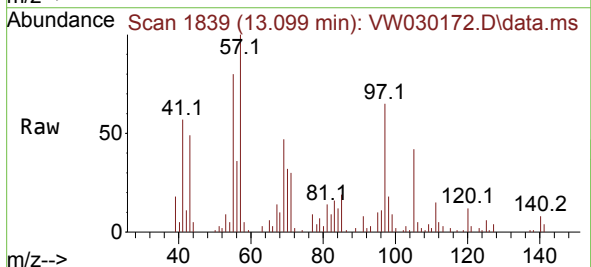
RT: 13.099 min Scan# 1839

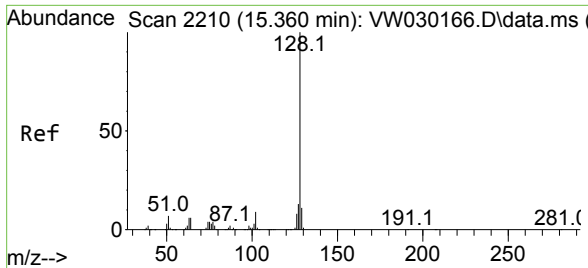
Delta R.T. 0.640 min

Lab File: VW030172.D

Acq: 20 Sep 2024 13:39

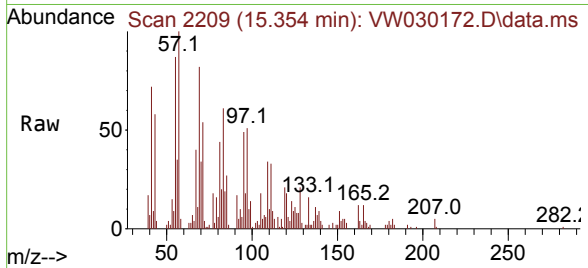
Tgt Ion: 105	Resp: 4359
Ion Ratio	Lower Upper
105	100
120	29.8 20.2 30.2
77	14.5 13.0 19.4





#71
Naphthalene
Concen: 0.507 ug/L
RT: 15.354 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW030172.D
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Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.1	15.1#
129	5.2	8.4	12.6#

