

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082824\
 Data File : VW030072.D
 Acq On : 28 Aug 2024 13:33
 Operator : SY/MD
 Sample : P3721-14
 Misc : 3.75g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 29 01:14:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Aug 29 01:10:06 2024
 Response via : Initial Calibration

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

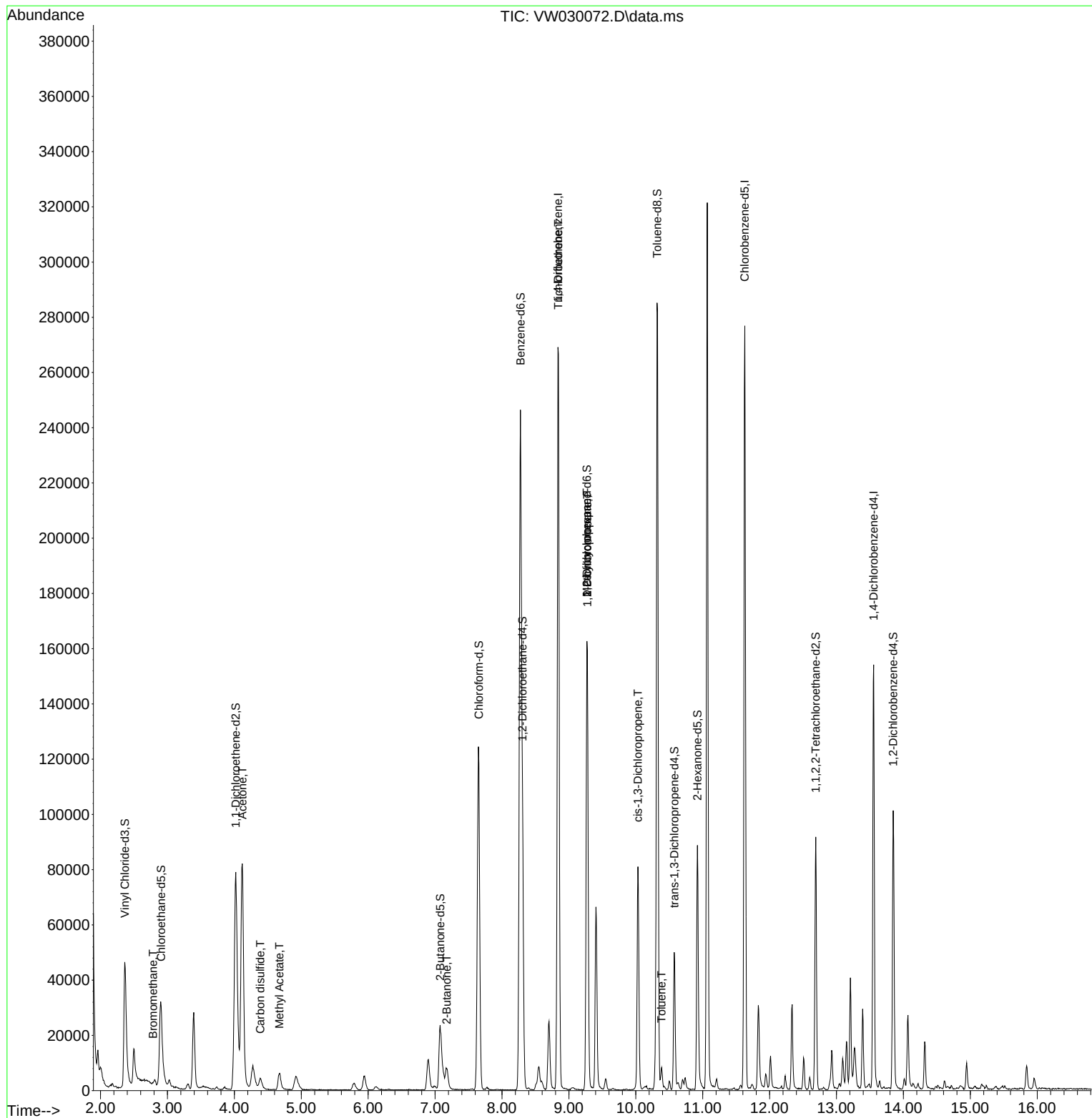
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	219449	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	147944	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	38195	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	70676	21.642	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.560%
7) Chloroethane-d5	2.905	69	51880	22.384	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.520%
11) 1,1-Dichloroethene-d2	4.021	65	29699	21.286	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.160%
21) 2-Butanone-d5	7.075	46	39615	60.854	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.700%
24) Chloroform-d	7.654	84	126225	21.329	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.320%
26) 1,2-Dichloroethane-d4	8.307	65	71114	23.666	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.680%
32) Benzene-d6	8.276	84	241393	27.642	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.560%
36) 1,2-Dichloropropane-d6	9.270	67	77815	30.414	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	121.640%#
41) Toluene-d8	10.318	98	185465	23.334	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.320%
43) trans-1,3-Dichloroprop...	10.575	79	27575	26.201	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.800%
47) 2-Hexanone-d5	10.922	63	30448	77.757	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	155.520%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	45424	24.114	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.440%
66) 1,2-Dichlorobenzene-d4	13.848	152	24465	17.709	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	70.840%#
Target Compounds						Qvalue
6) Bromomethane	2.783	94	928	0.431	ug/L	95
13) Acetone	4.118	43	140978	236.767	ug/L	97
14) Carbon disulfide	4.387	76	7116	0.815	ug/L	96
15) Methyl Acetate	4.673	43	12603	10.856	ug/L	93
22) 2-Butanone	7.173	43	13338	15.654	ug/L	95
34) Trichloroethene	8.843	95	6855	2.686	ug/L #	8
35) Methylcyclohexane	9.270	83	18281	4.373	ug/L #	22
37) 1,2-Dichloropropane	9.276	63	8940	3.725	ug/L #	86
39) cis-1,3-Dichloropropene	10.032	75	2245	0.608	ug/L	87
42) Toluene	10.386	91	5124	0.508	ug/L	91

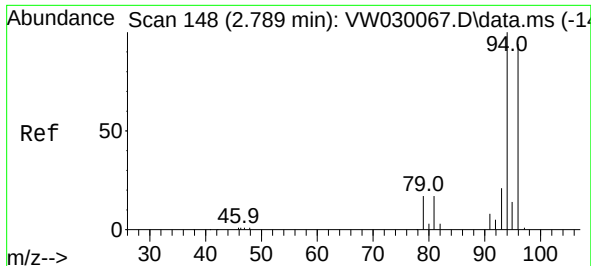
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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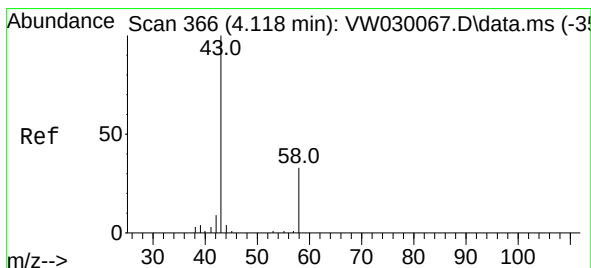
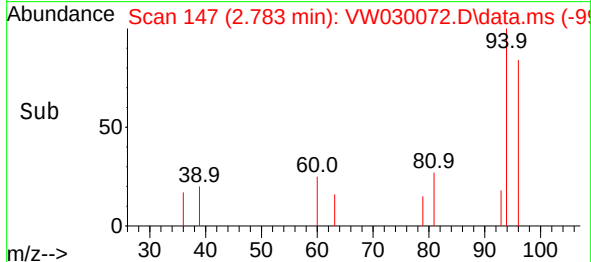
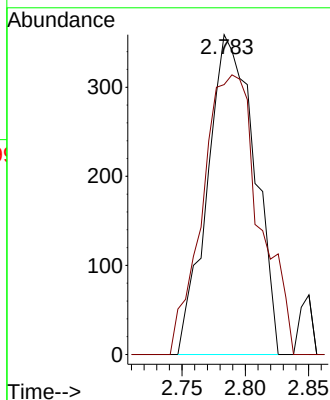
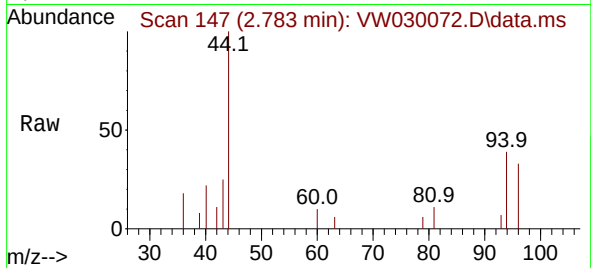




#6
Bromomethane
Concen: 0.431 ug/L
RT: 2.783 min Scan# 14
Delta R.T. -0.006 min
Lab File: VW030072.D
Acq: 28 Aug 2024 13:33

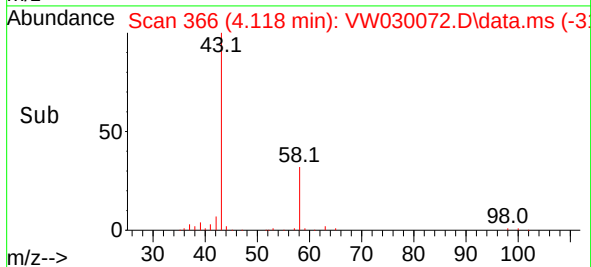
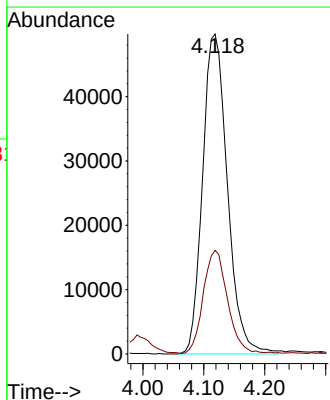
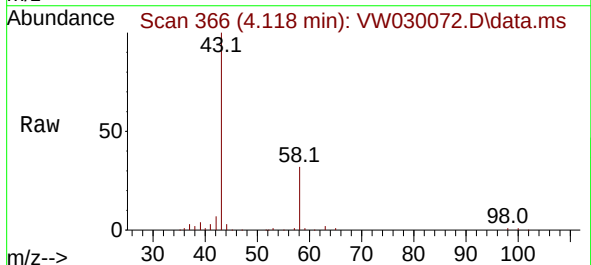
Instrument :
MSVOA_W
ClientSampleId :

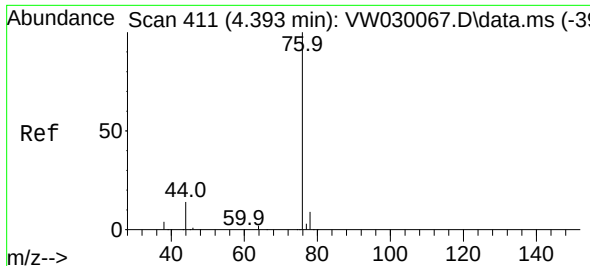
Tgt Ion: 94 Resp: 928
Ion Ratio Lower Upper
94 100
96 84.4 62.4 115.8



#13
Acetone
Concen: 236.767 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.000 min
Lab File: VW030072.D
Acq: 28 Aug 2024 13:33

Tgt Ion: 43 Resp: 140978
Ion Ratio Lower Upper
43 100
58 31.5 0.0 66.4

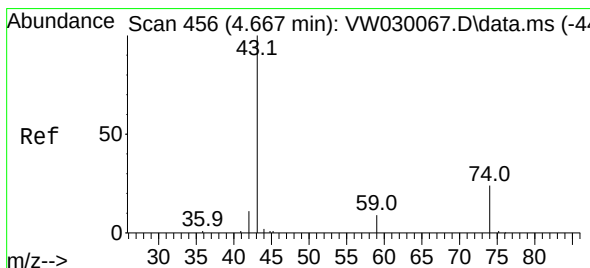
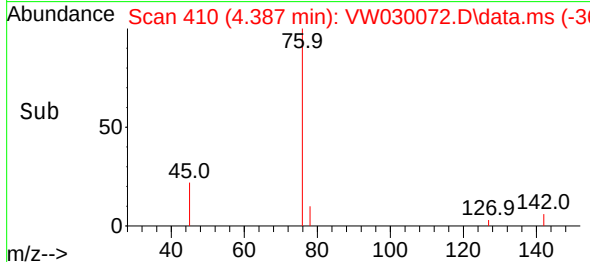
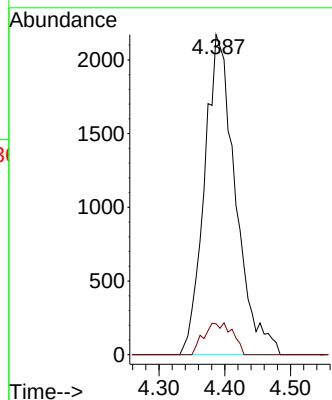
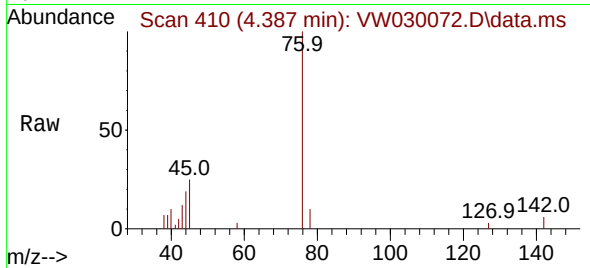




#14
Carbon disulfide
Concen: 0.815 ug/L
RT: 4.387 min Scan# 411
Delta R.T. -0.006 min
Lab File: VW030072.D
Acq: 28 Aug 2024 13:33

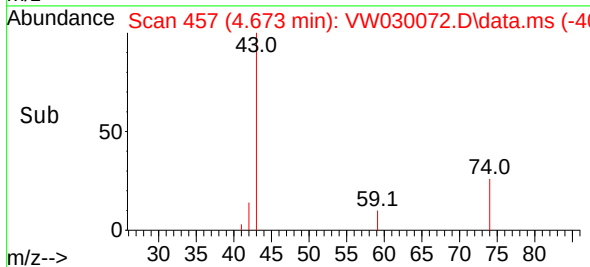
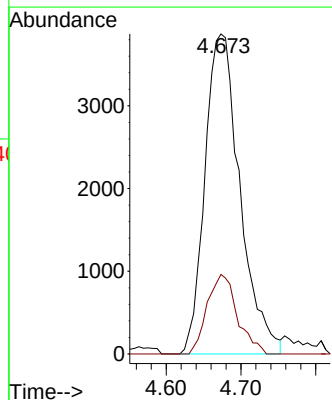
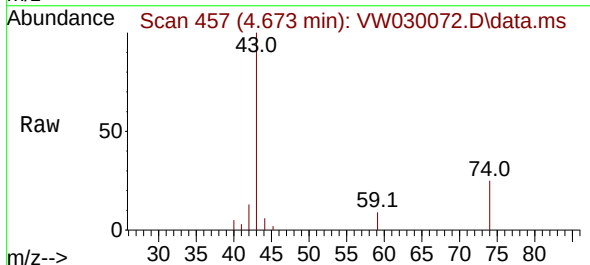
Instrument :
MSVOA_W
ClientSampleId :

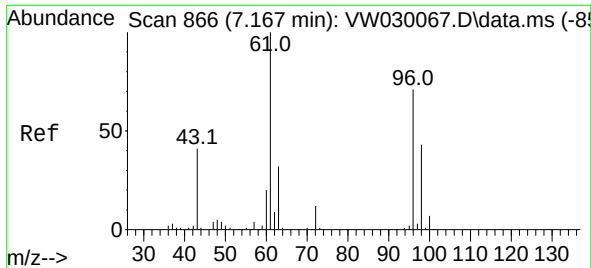
Tgt Ion: 76 Resp: 7116
Ion Ratio Lower Upper
76 100
78 9.7 6.6 9.8



#15
Methyl Acetate
Concen: 10.856 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.006 min
Lab File: VW030072.D
Acq: 28 Aug 2024 13:33

Tgt Ion: 43 Resp: 12603
Ion Ratio Lower Upper
43 100
74 21.4 19.9 29.9

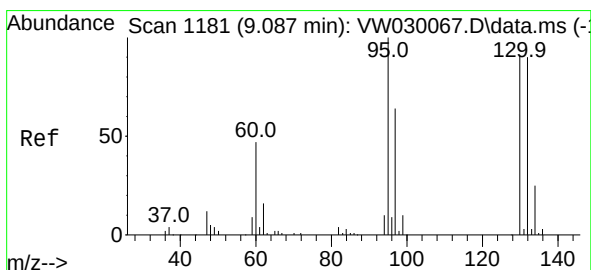
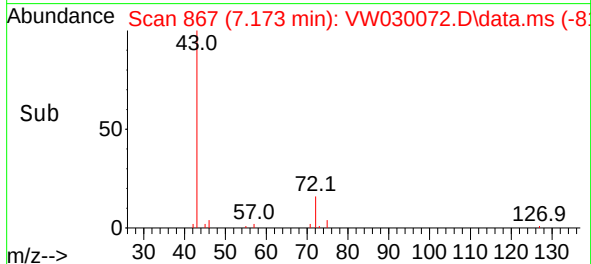
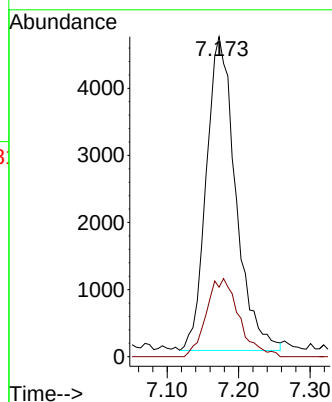
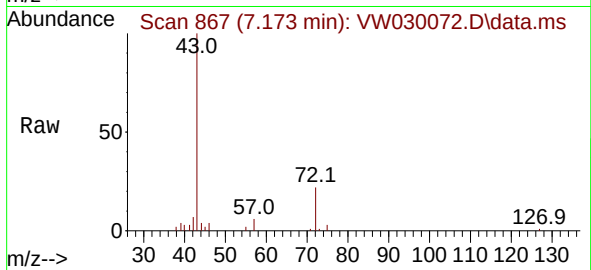




#22
2-Butanone
Concen: 15.654 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW030072.D
Acq: 28 Aug 2024 13:33

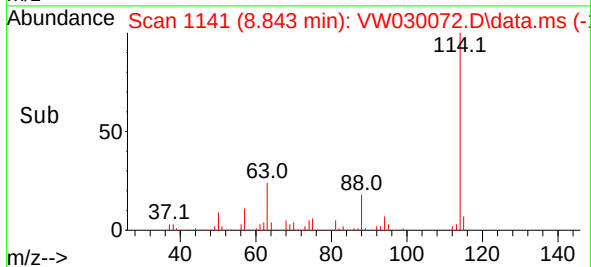
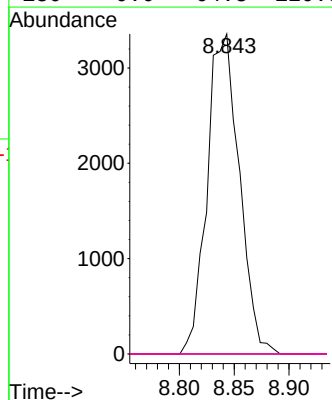
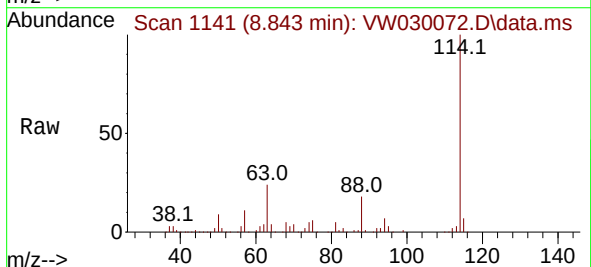
Instrument :
MSVOA_W
ClientSampleId :

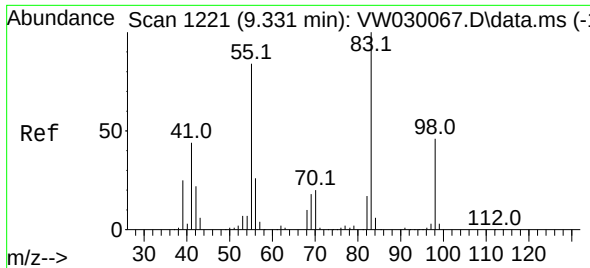
Tgt Ion: 43 Resp: 13338
Ion Ratio Lower Upper
43 100
72 27.3 15.0 45.1



#34
Trichloroethene
Concen: 2.686 ug/L
RT: 8.843 min Scan# 1141
Delta R.T. -0.244 min
Lab File: VW030072.D
Acq: 28 Aug 2024 13:33

Tgt Ion: 95 Resp: 6855
Ion Ratio Lower Upper
95 100
97 0.0 43.3 80.5#
132 0.0 63.6 118.0#
130 0.0 64.8 120.3#





#35

Methylcyclohexane

Concen: 4.373 ug/L

RT: 9.270 min Scan# 1211

Delta R.T. -0.061 min

Lab File: VW030072.D

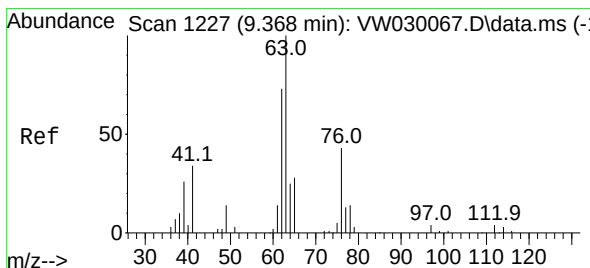
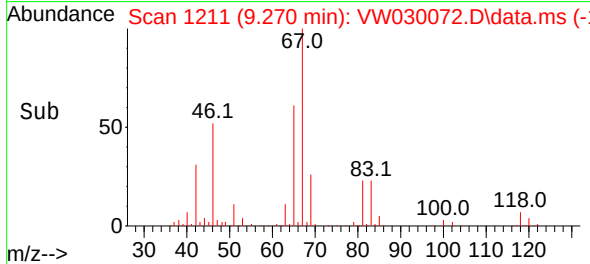
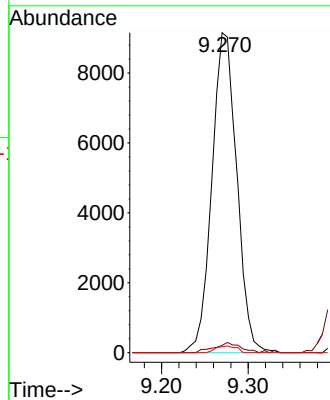
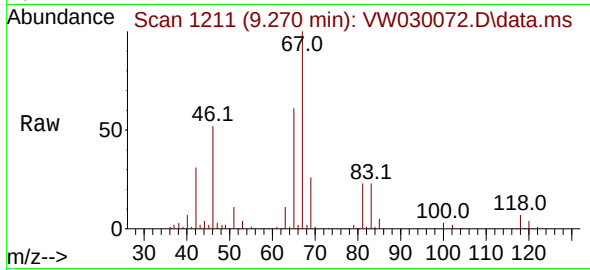
Acq: 28 Aug 2024 13:33

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	18281
Ion Ratio	Lower	Upper	
83	100		
55	3.3	59.0	88.6#
98	1.7	38.2	57.4#



#37

1,2-Dichloropropane

Concen: 3.725 ug/L

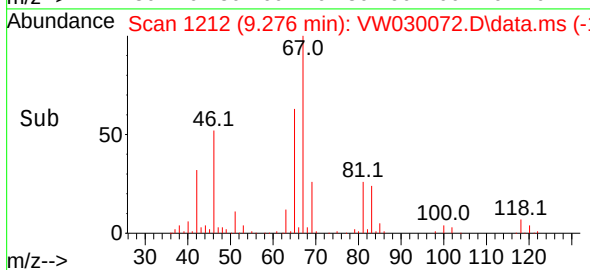
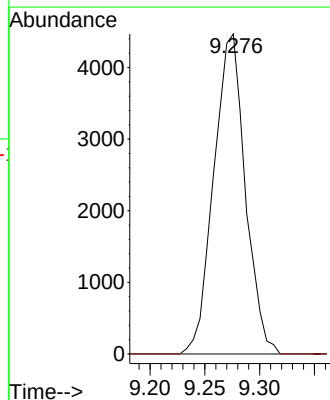
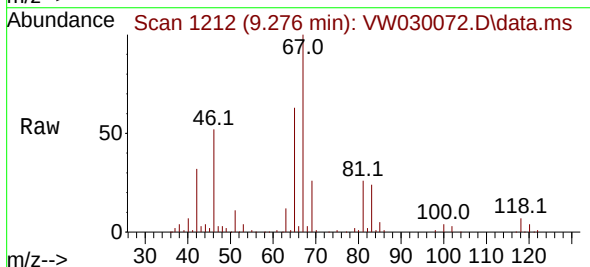
RT: 9.276 min Scan# 1212

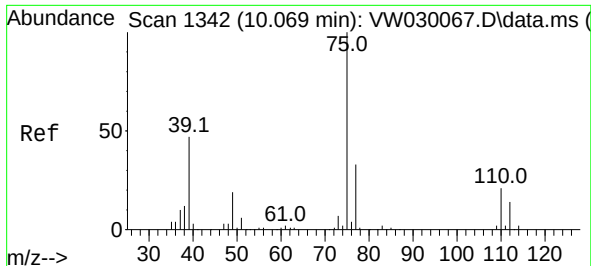
Delta R.T. -0.092 min

Lab File: VW030072.D

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Tgt Ion:	63	Resp:	8940
Ion Ratio	Lower	Upper	
63	100		
112	0.0	3.7	5.5#





#39

cis-1,3-Dichloropropene

Concen: 0.608 ug/L

RT: 10.032 min Scan# 1336

Delta R.T. -0.037 min

Lab File: VW030072.D

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Instrument :

MSVOA_W

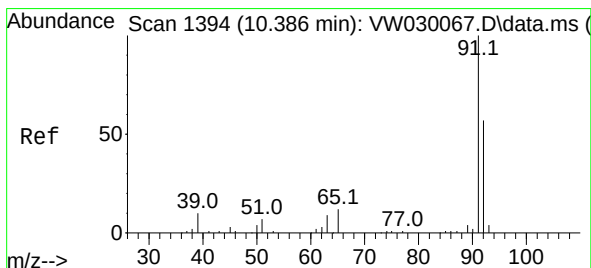
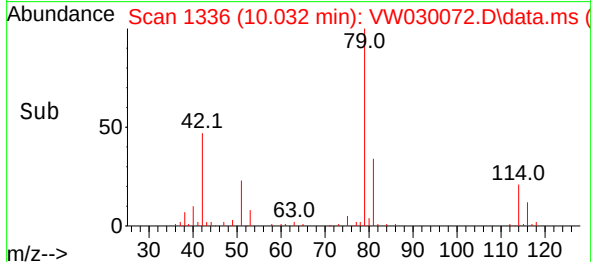
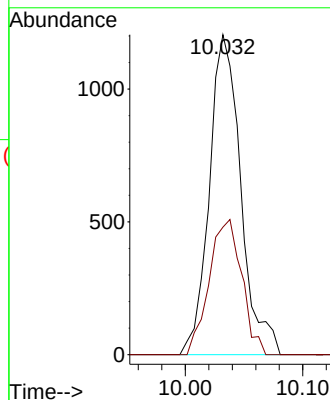
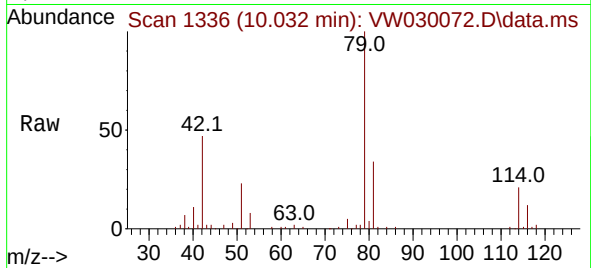
ClientSampleId :

Tgt Ion: 75 Resp: 2245

Ion Ratio Lower Upper

75 100

77 39.8 22.8 42.4



#42

Toluene

Concen: 0.508 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW030072.D

Acq: 28 Aug 2024 13:33

Tgt Ion: 91 Resp: 5124

Ion Ratio Lower Upper

91 100

92 50.1 39.5 73.4

