

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100824\
 Data File : VW030444.D
 Acq On : 08 Oct 2024 13:48
 Operator : SY/MD
 Sample : P4329-07
 Misc : 49.7g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 09 01:18:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092724SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Oct 09 01:13:46 2024
 Response via : Initial Calibration

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

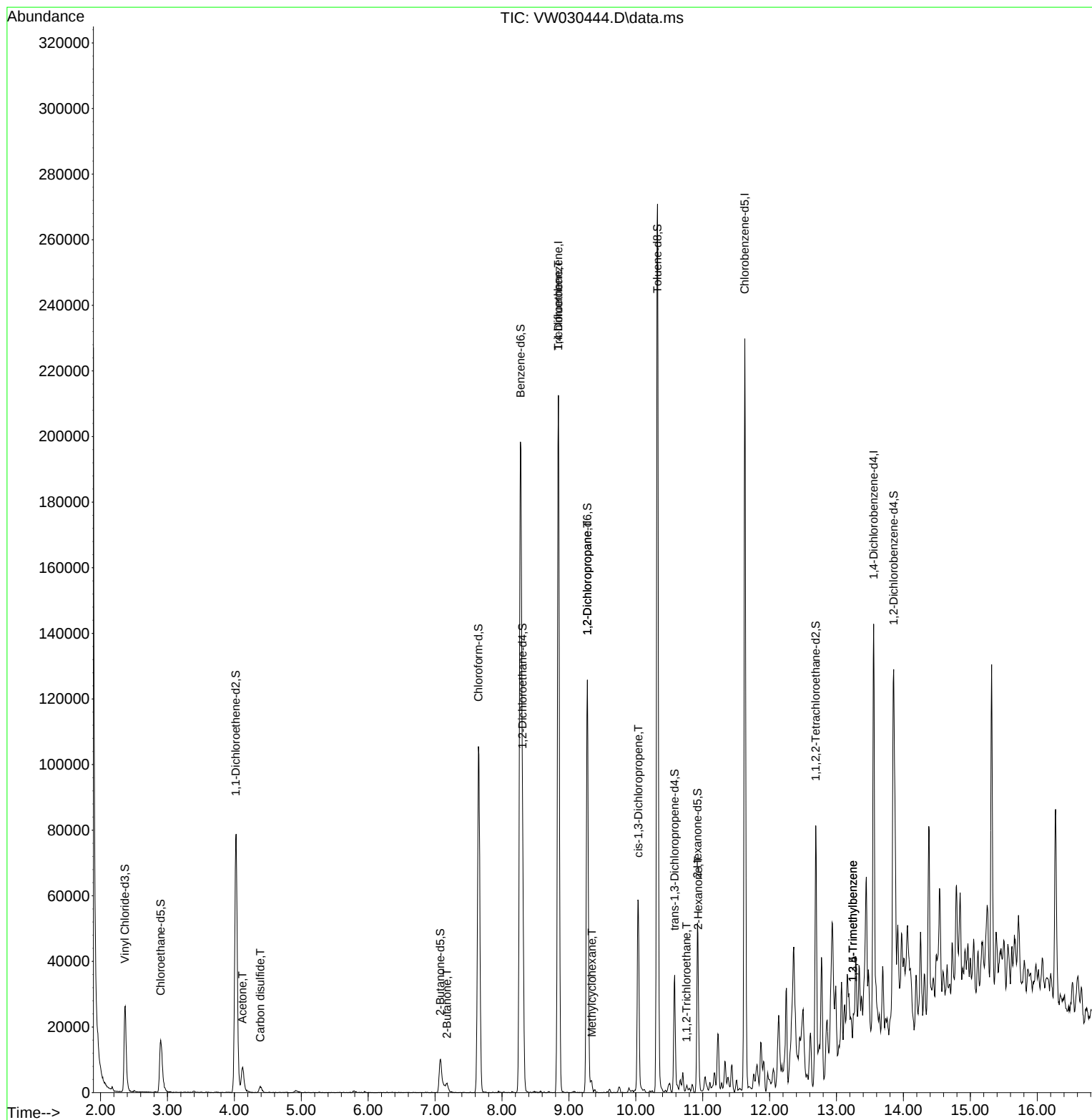
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	188522	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	133307	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	36689	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	36178	24.558	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	98.240%		
7) Chloroethane-d5	2.899	69	25875	24.140	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	96.560%		
11) 1,1-Dichloroethene-d2	4.021	65	24744	23.010	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	92.040%		
21) 2-Butanone-d5	7.075	46	17114	28.888	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	57.780%		
24) Chloroform-d	7.648	84	111348	21.985	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	87.960%		
26) 1,2-Dichloroethane-d4	8.307	65	56116	21.228	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	84.920%		
32) Benzene-d6	8.276	84	218125	29.194	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	116.760%		
36) 1,2-Dichloropropane-d6	9.276	67	58015	25.817	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	103.280%		
41) Toluene-d8	10.325	98	184472	26.926	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	107.720%		
43) trans-1,3-Dichloroprop...	10.581	79	20692	22.138	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	88.560%		
47) 2-Hexanone-d5	10.922	63	16133	43.477	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	86.960%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	32259	19.211	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	76.840%		
66) 1,2-Dichlorobenzene-d4	13.854	152	28782	23.628	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	94.520%		
Target Compounds						Qvalue
13) Acetone	4.118	43	12062	19.194	ug/L	96
14) Carbon disulfide	4.387	76	2771	0.380	ug/L	99
22) 2-Butanone	7.179	43	4605	5.732	ug/L	98
34) Trichloroethene	8.843	95	6091	2.820	ug/L #	4
35) Methylcyclohexane	9.343	83	1135	0.342	ug/L #	92
37) 1,2-Dichloropropane	9.276	63	6810	3.179	ug/L #	87
39) cis-1,3-Dichloropropene	10.038	75	1706	0.519	ug/L #	70
45) 1,1,2-Trichloroethane	10.757	97	733	0.486	ug/L #	16
48) 2-Hexanone	10.934	43	4375	5.392	ug/L #	37
62) 1,3,5-Trimethylbenzene	13.245	105	2768	0.657	ug/L	94
63) 1,2,4-Trimethylbenzene	13.245	105	2768	0.665	ug/L	99

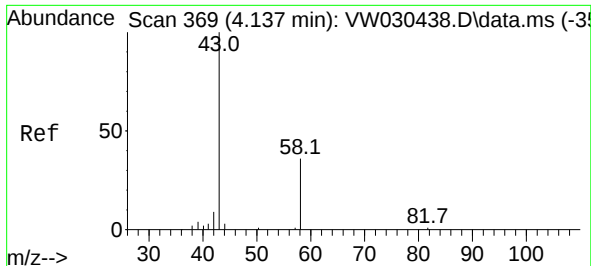
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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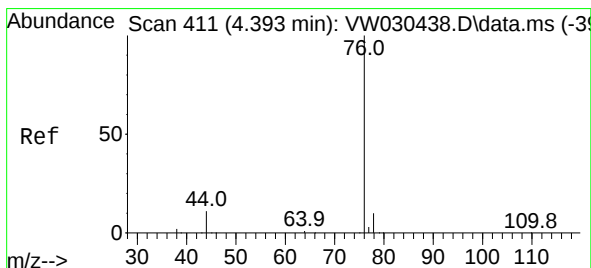
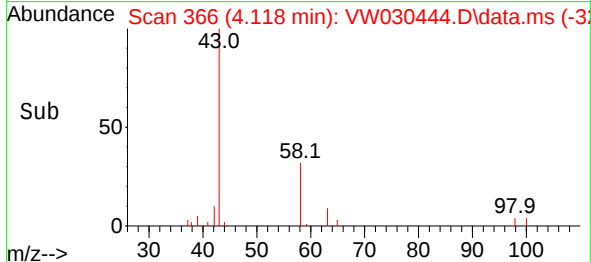
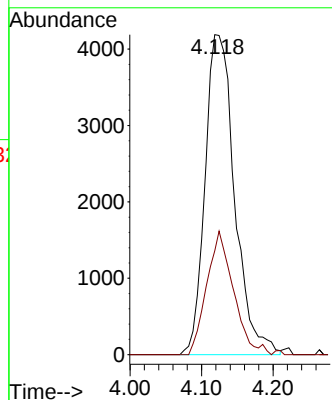
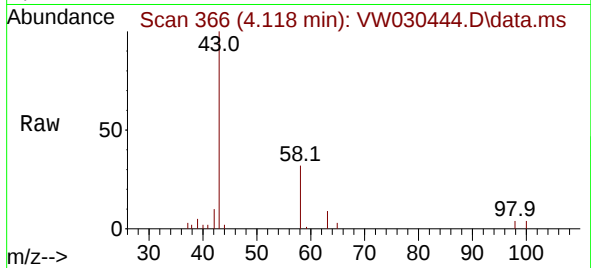




#13
Acetone
Concen: 19.194 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.018 min
Lab File: VW030444.D
Acq: 08 Oct 2024 13:48

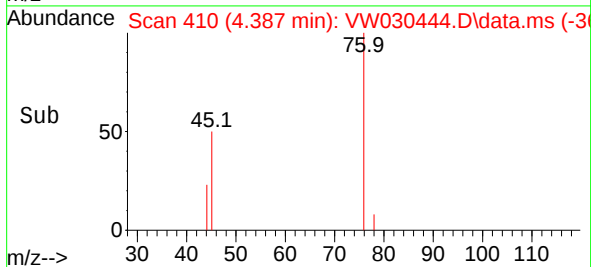
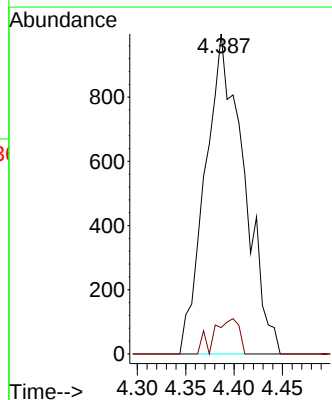
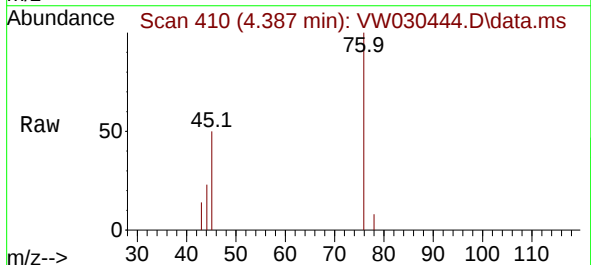
Instrument :
MSVOA_W
ClientSampleId :

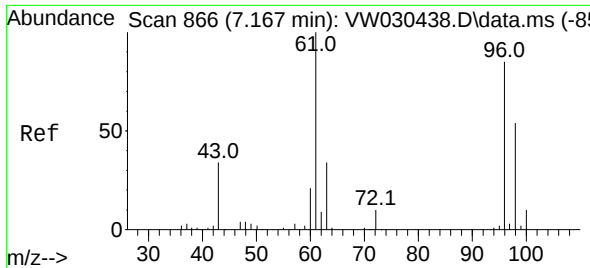
Tgt Ion: 43 Resp: 12062
Ion Ratio Lower Upper
43 100
58 34.2 0.0 64.0



#14
Carbon disulfide
Concen: 0.380 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.006 min
Lab File: VW030444.D
Acq: 08 Oct 2024 13:48

Tgt Ion: 76 Resp: 2771
Ion Ratio Lower Upper
76 100
78 8.2 6.8 10.2

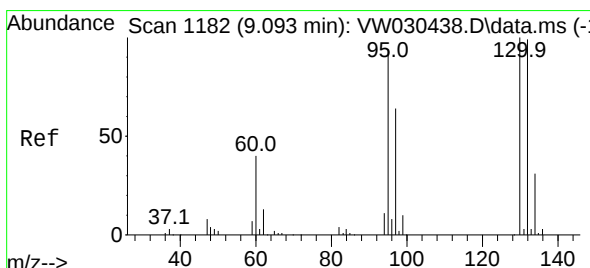
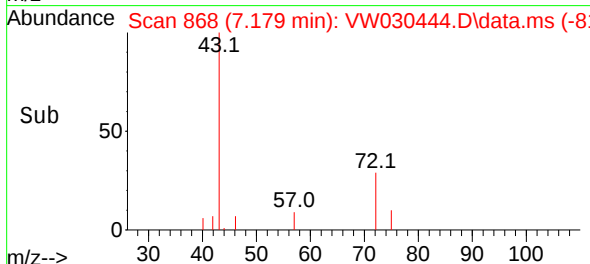
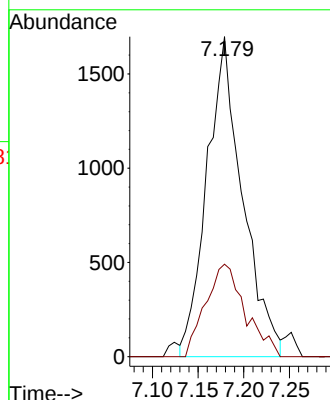
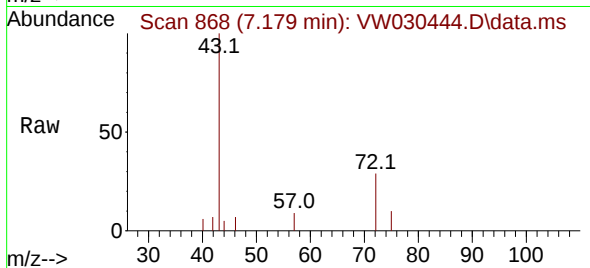




#22
2-Butanone
Concen: 5.732 ug/L
RT: 7.179 min Scan# 866
Delta R.T. 0.012 min
Lab File: VW030444.D
Acq: 08 Oct 2024 13:48

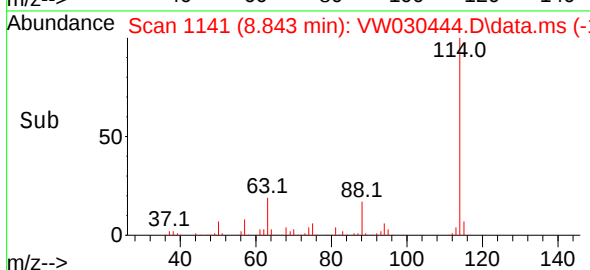
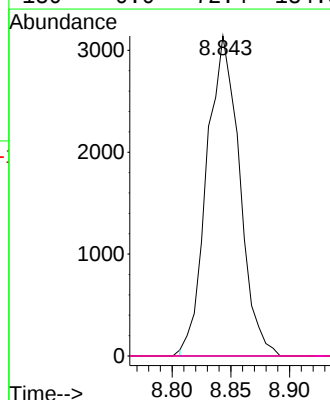
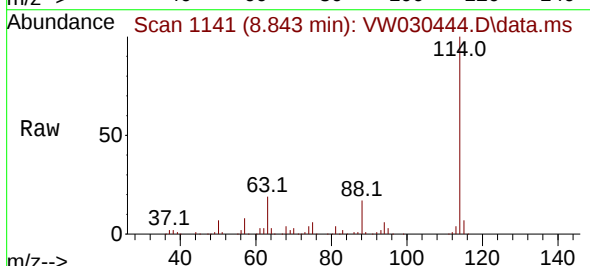
Instrument :
MSVOA_W
ClientSampleId :

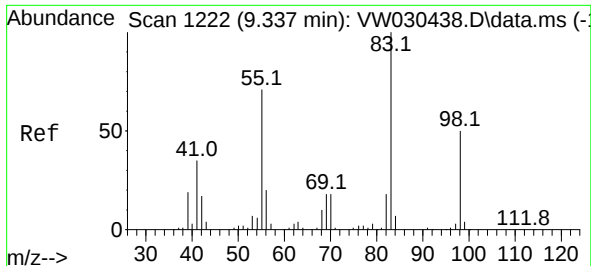
Tgt Ion: 43 Resp: 4605
Ion Ratio Lower Upper
43 100
72 27.3 14.1 42.3



#34
Trichloroethene
Concen: 2.820 ug/L
RT: 8.843 min Scan# 1141
Delta R.T. -0.250 min
Lab File: VW030444.D
Acq: 08 Oct 2024 13:48

Tgt Ion: 95 Resp: 6091
Ion Ratio Lower Upper
95 100
97 0.0 47.5 88.1#
132 0.0 66.7 123.9#
130 0.0 72.4 134.5#





#35

Methylcyclohexane

Concen: 0.342 ug/L

RT: 9.343 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW030444.D

Acq: 08 Oct 2024 13:48

Instrument :

MSVOA_W

ClientSampleId :

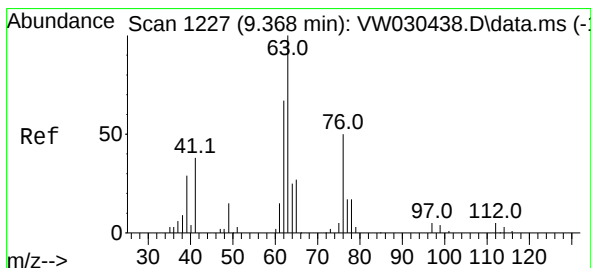
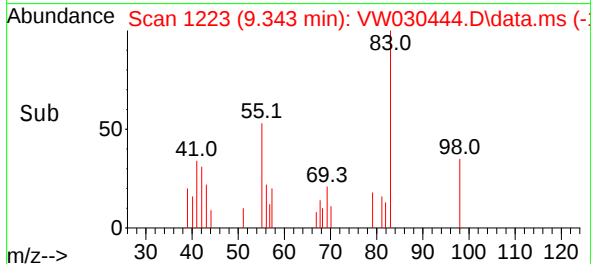
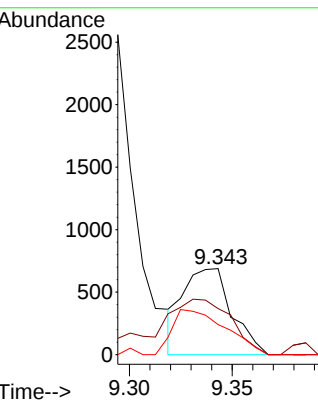
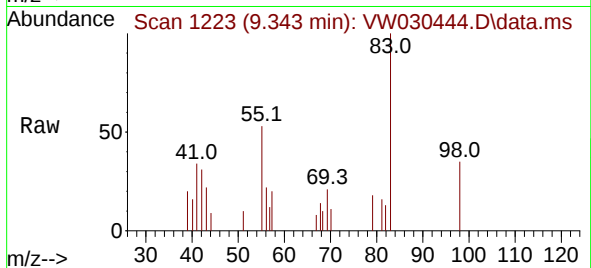
Tgt Ion: 83 Resp: 1135

Ion Ratio Lower Upper

83 100

55 79.6 61.7 92.5

98 57.6 37.2 55.8#



#37

1,2-Dichloropropane

Concen: 3.179 ug/L

RT: 9.276 min Scan# 1212

Delta R.T. -0.092 min

Lab File: VW030444.D

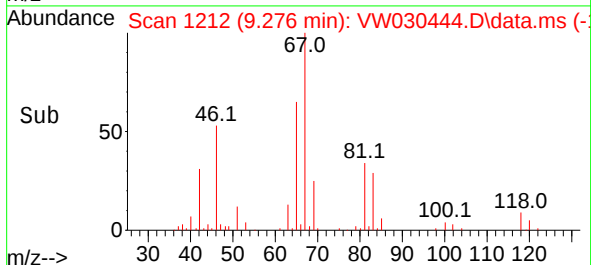
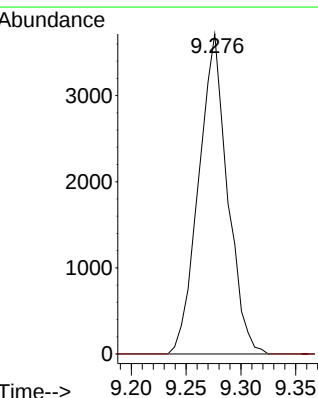
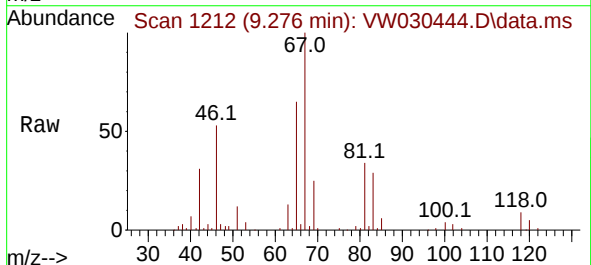
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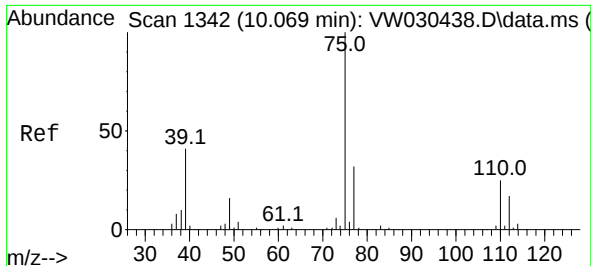
Tgt Ion: 63 Resp: 6810

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#





#39

cis-1,3-Dichloropropene

Concen: 0.519 ug/L

RT: 10.038 min Scan# 14

Delta R.T. -0.031 min

Lab File: VW030444.D

Acq: 08 Oct 2024 13:48

Instrument :

MSVOA_W

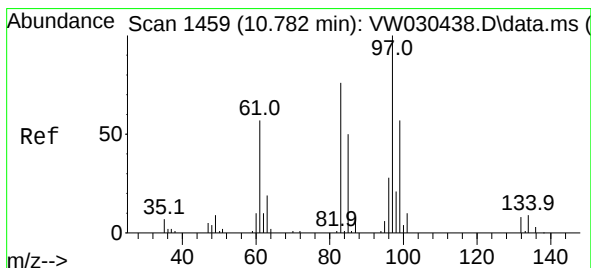
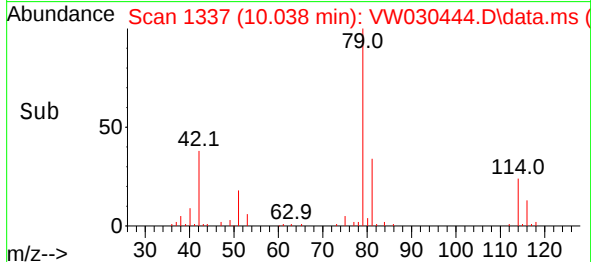
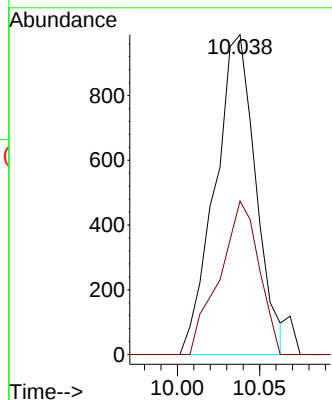
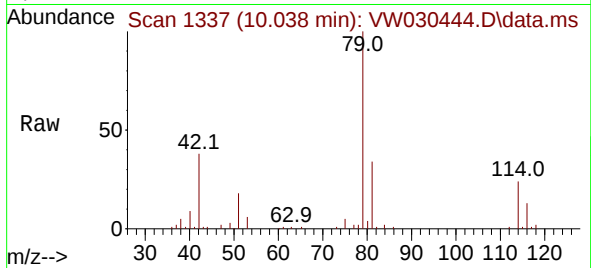
ClientSampleId :

Tgt Ion: 75 Resp: 1706

Ion Ratio Lower Upper

75 100

77 48.0 22.0 40.8#



#45

1,1,2-Trichloroethane

Concen: 0.486 ug/L

RT: 10.757 min Scan# 1455

Delta R.T. -0.025 min

Lab File: VW030444.D

Acq: 08 Oct 2024 13:48

Tgt Ion: 97 Resp: 733

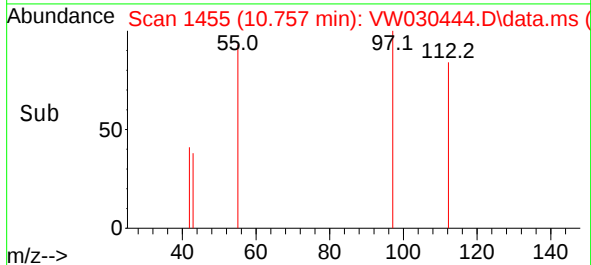
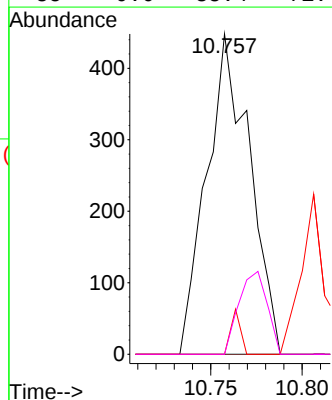
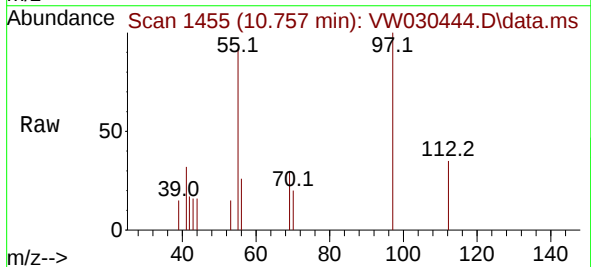
Ion Ratio Lower Upper

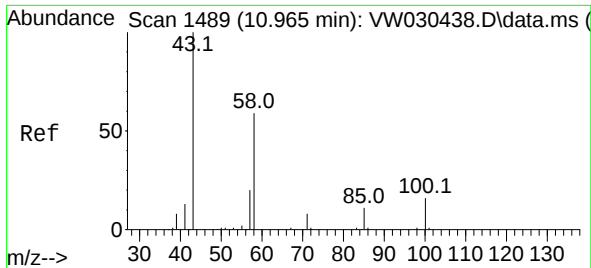
97 100

99 0.0 40.8 75.8#

83 0.0 59.1 109.7#

85 0.0 38.4 71.4#





#48

2-Hexanone

Concen: 5.392 ug/L

RT: 10.934 min Scan# 1484

Delta R.T. -0.031 min

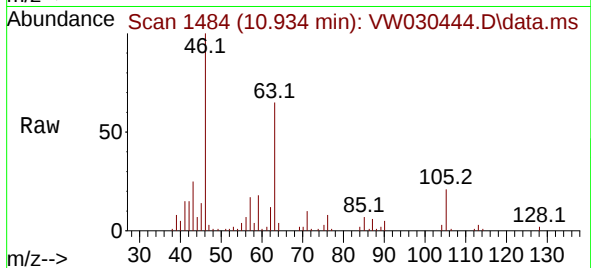
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Instrument :

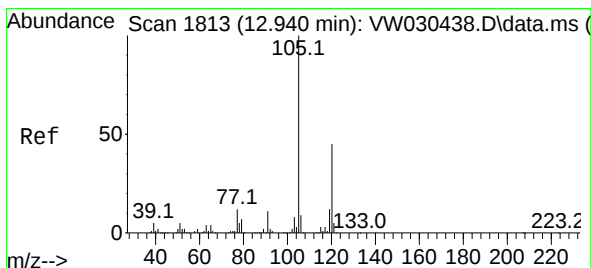
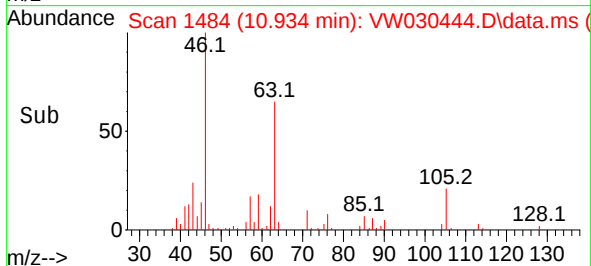
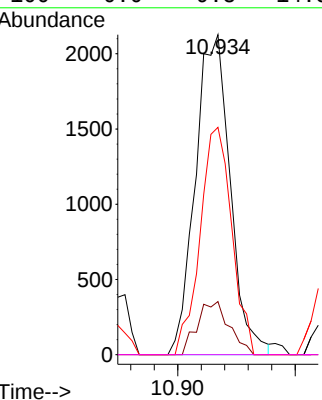
MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 4375

Ion	Ratio	Lower	Upper
43	100		
58	15.3	46.1	69.1#
57	64.6	15.3	22.9#
100	0.0	9.8	14.8#



#62

1,3,5-Trimethylbenzene

Concen: 0.657 ug/L

RT: 13.245 min Scan# 1863

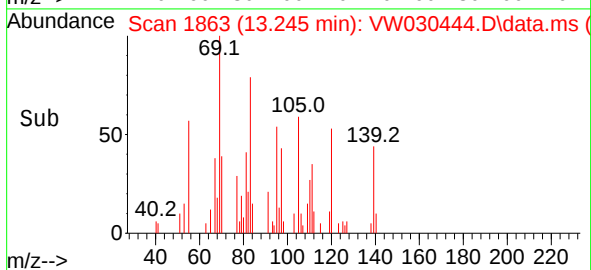
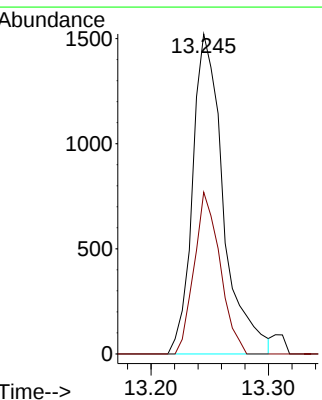
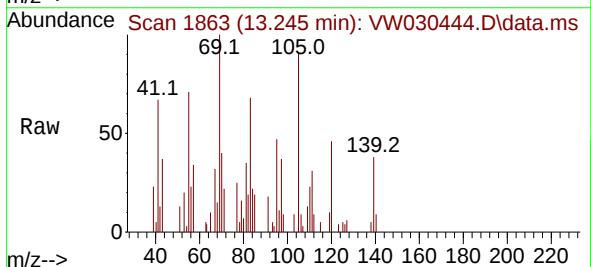
Delta R.T. 0.305 min

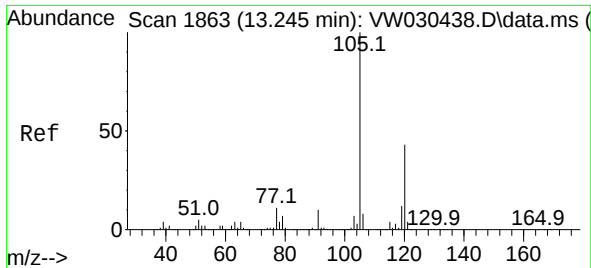
Lab File: VW030444.D

Acq: 08 Oct 2024 13:48

Tgt Ion: 105 Resp: 2768

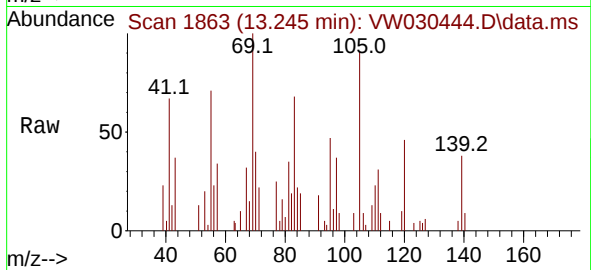
Ion	Ratio	Lower	Upper
105	100		
120	42.4	37.4	56.0





#63
1,2,4-Trimethylbenzene
Concen: 0.665 ug/L
RT: 13.245 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW030444.D
Acq: 08 Oct 2024 13:48

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:105 Resp: 2768
Ion Ratio Lower Upper
105 100
120 42.4 34.4 51.6

