

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092024\
 Data File : VW030169.D
 Acq On : 20 Sep 2024 11:33
 Operator : SY/MD
 Sample : P4109-02
 Misc : 4.62g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 20 23:52:20 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)

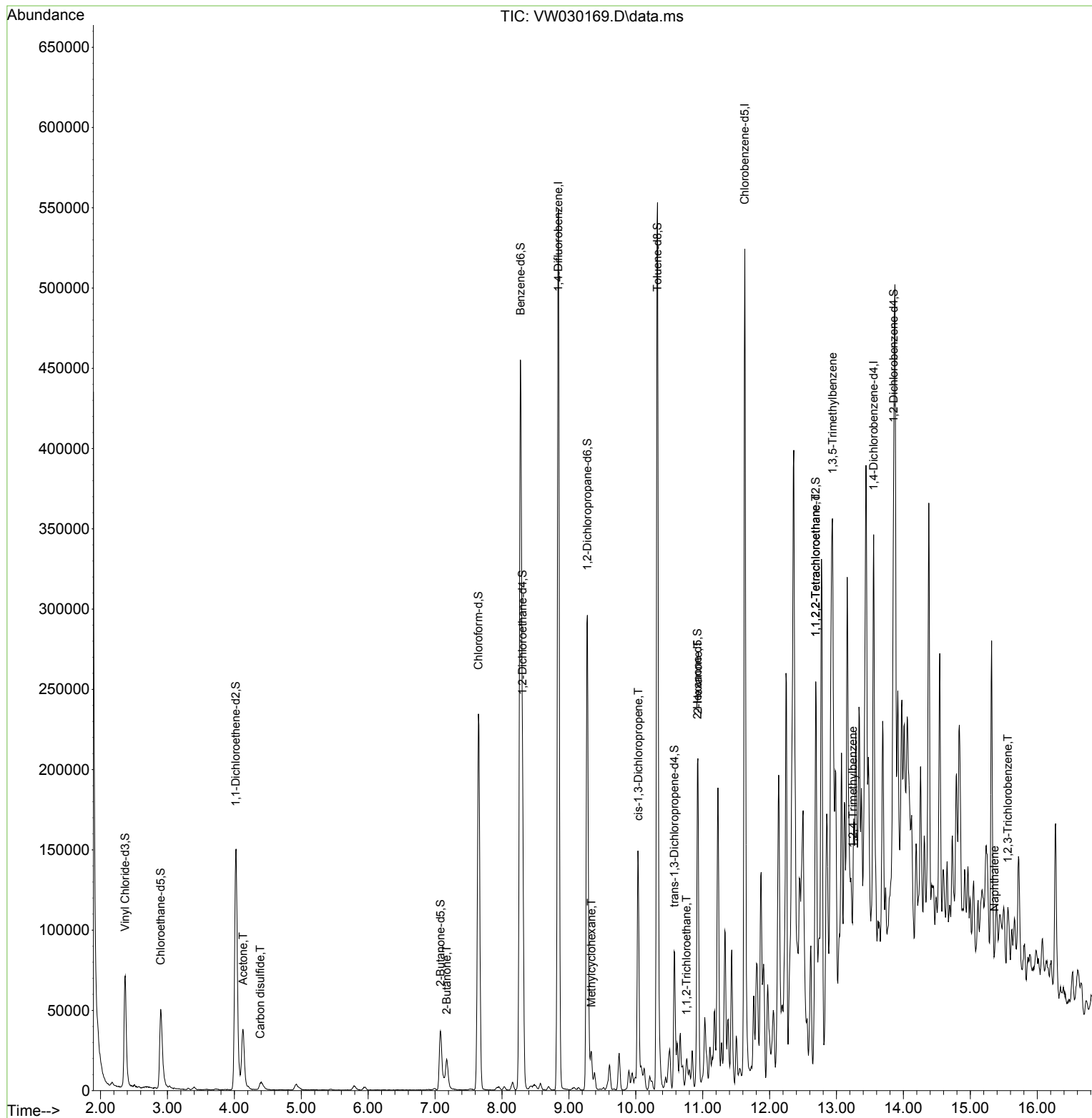
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	475614	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	294693	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	68701	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	101762	16.568	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.280%
7) Chloroethane-d5	2.899	69	81231	18.733	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.920%
11) 1,1-Dichloroethene-d2	4.021	65	51126	16.659	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.640%
21) 2-Butanone-d5	7.081	46	62506	42.028	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.060%
24) Chloroform-d	7.648	84	247478	18.924	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	75.680%
26) 1,2-Dichloroethane-d4	8.307	65	132391	20.160	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.640%
32) Benzene-d6	8.276	84	482547	28.424	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	113.680%
36) 1,2-Dichloropropane-d6	9.276	67	146663	27.980	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.920%
41) Toluene-d8	10.325	98	349425	22.968	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.880%
43) trans-1,3-Dichloroprop...	10.575	79	50569	24.080	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.320%
47) 2-Hexanone-d5	10.922	63	55291	68.934	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	137.860%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	82964	21.260	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.040%
66) 1,2-Dichlorobenzene-d4	13.854	152	45027	19.307	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	77.240%
Target Compounds						
					Qvalue	
13) Acetone	4.131	43	63091	36.975	ug/L	97
14) Carbon disulfide	4.387	76	8952	0.555	ug/L	97
22) 2-Butanone	7.173	43	28717	14.218	ug/L	99
35) Methylcyclohexane	9.337	83	6788	0.905	ug/L	89
39) cis-1,3-Dichloropropene	10.038	75	3448	0.483	ug/L #	71
45) 1,1,2-Trichloroethane	10.757	97	5987	1.685	ug/L #	23
48) 2-Hexanone	10.928	43	33460	17.437	ug/L #	28
57) 1,1,2,2-Tetrachloroethane	12.690	83	7303	1.722	ug/L #	91
62) 1,3,5-Trimethylbenzene	12.940	105	2168	0.292	ug/L	93
63) 1,2,4-Trimethylbenzene	13.245	105	9870	1.281	ug/L	95
71) Naphthalene	15.360	128	2005	0.436	ug/L #	87
72) 1,2,3-Trichlorobenzene	15.561	180	744	0.335	ug/L #	1

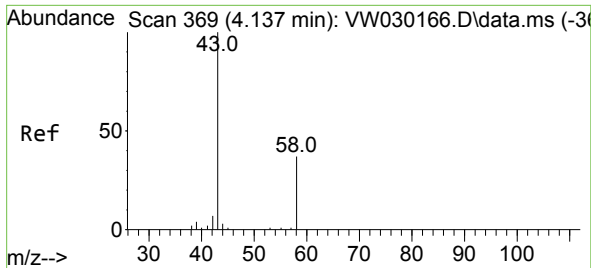
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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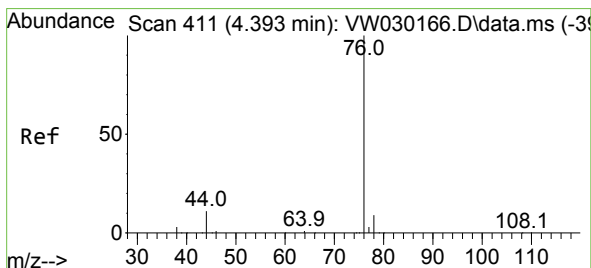
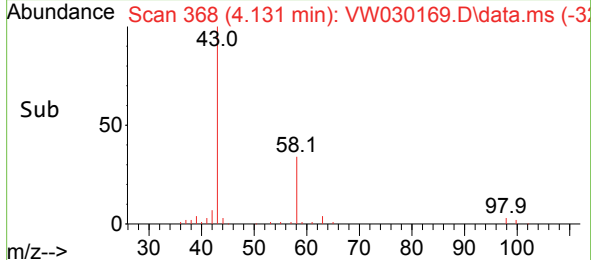
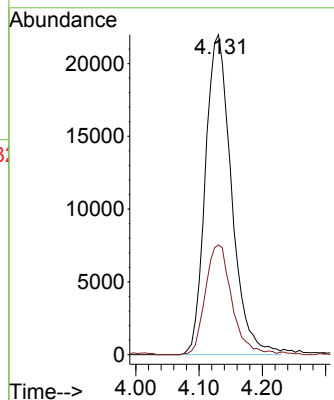
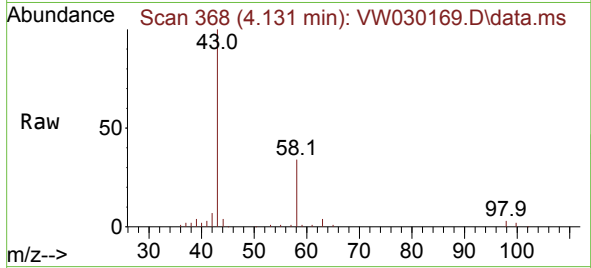




#13
Acetone
Concen: 36.975 ug/L
RT: 4.131 min Scan# 30
Delta R.T. -0.006 min
Lab File: VW030169.D
Acq: 20 Sep 2024 11:33

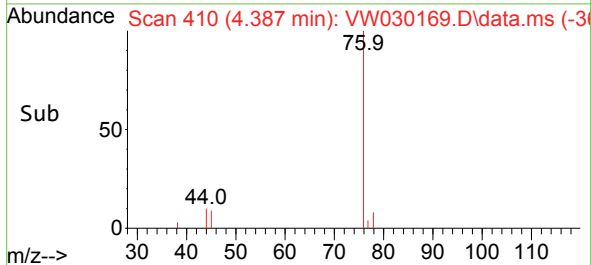
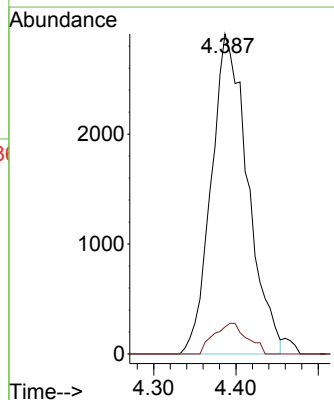
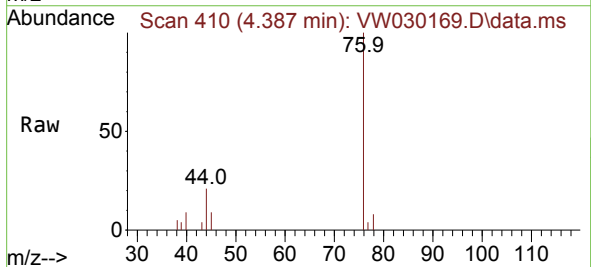
Instrument :
MSVOA_W
ClientSampleId :

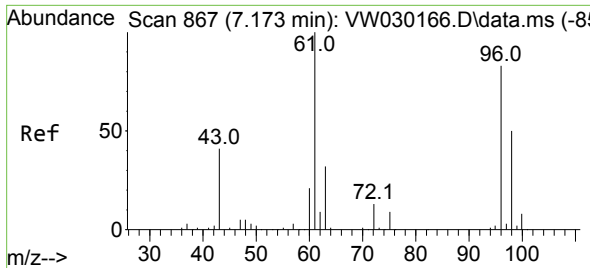
Tgt Ion: 43 Resp: 63091
Ion Ratio Lower Upper
43 100
58 34.4 0.0 65.0



#14
Carbon disulfide
Concen: 0.555 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.006 min
Lab File: VW030169.D
Acq: 20 Sep 2024 11:33

Tgt Ion: 76 Resp: 8952
Ion Ratio Lower Upper
76 100
78 8.5 7.6 11.4

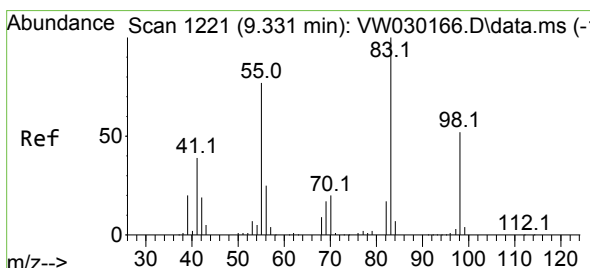
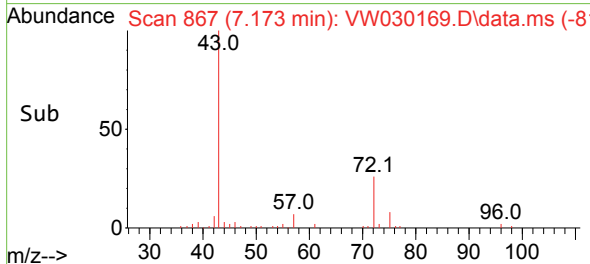
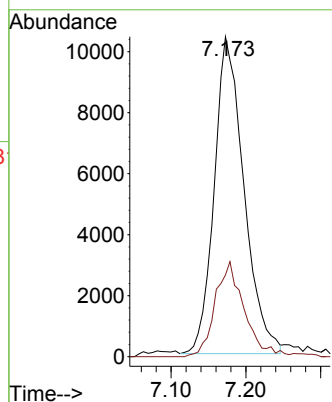
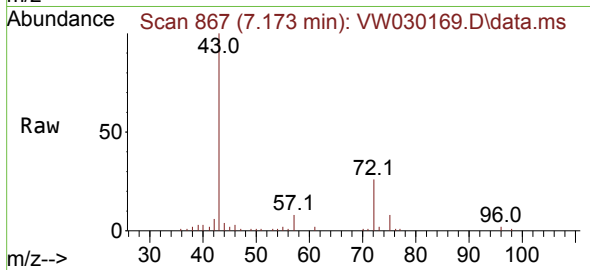




#22
2-Butanone
Concen: 14.218 ug/L
RT: 7.173 min Scan# 80
Delta R.T. 0.000 min
Lab File: VW030169.D
Acq: 20 Sep 2024 11:33

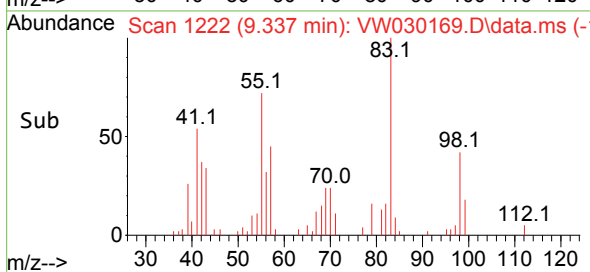
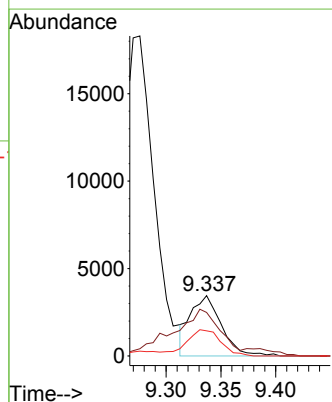
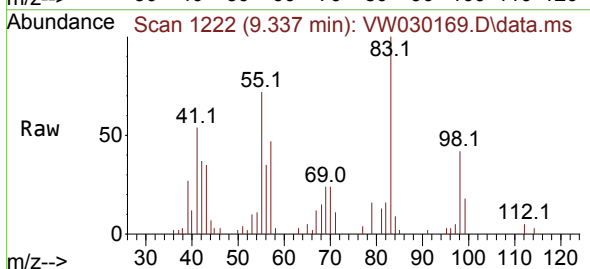
Instrument :
MSVOA_W
ClientSampleId :

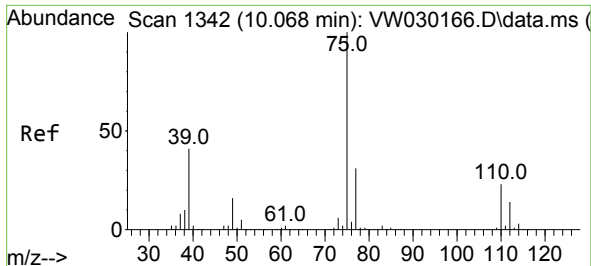
Tgt Ion: 43 Resp: 28717
Ion Ratio Lower Upper
43 100
72 28.3 13.9 41.7



#35
Methylcyclohexane
Concen: 0.905 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.006 min
Lab File: VW030169.D
Acq: 20 Sep 2024 11:33

Tgt Ion: 83 Resp: 6788
Ion Ratio Lower Upper
83 100
55 93.1 63.0 94.6
98 46.9 38.7 58.1





#39

cis-1,3-Dichloropropene

Concen: 0.483 ug/L

RT: 10.038 min Scan# 11

Delta R.T. -0.030 min

Lab File: VW030169.D

Acq: 20 Sep 2024 11:33

Instrument :

MSVOA_W

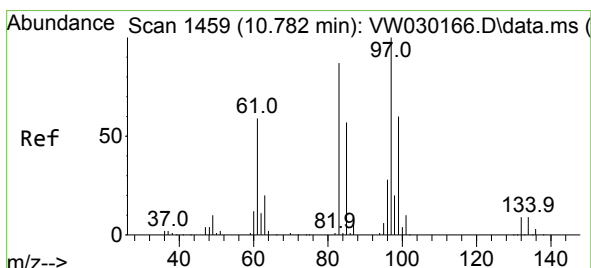
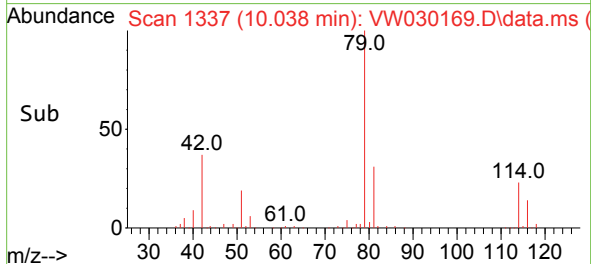
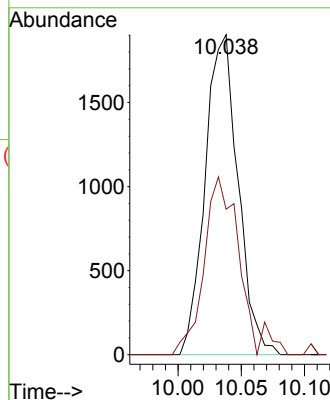
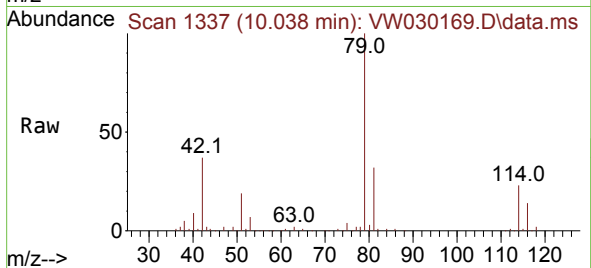
ClientSampleId :

Tgt Ion: 75 Resp: 3448

Ion Ratio Lower Upper

75 100

77 45.4 20.7 38.5#



#45

1,1,2-Trichloroethane

Concen: 1.685 ug/L

RT: 10.757 min Scan# 1455

Delta R.T. -0.024 min

Lab File: VW030169.D

Acq: 20 Sep 2024 11:33

Tgt Ion: 97 Resp: 5987

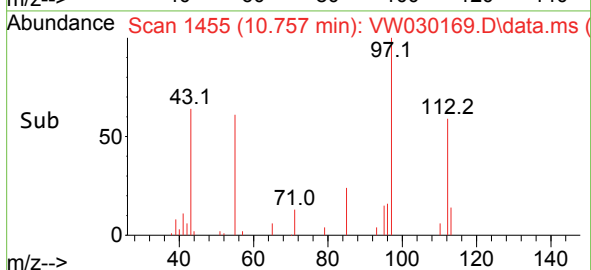
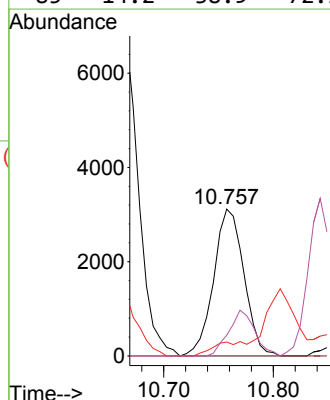
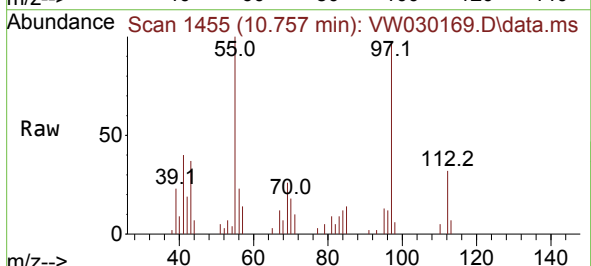
Ion Ratio Lower Upper

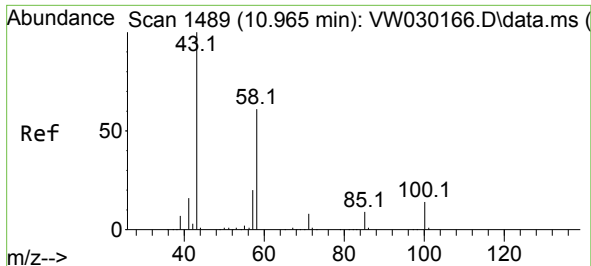
97 100

99 0.0 45.6 84.8#

83 9.5 64.0 119.0#

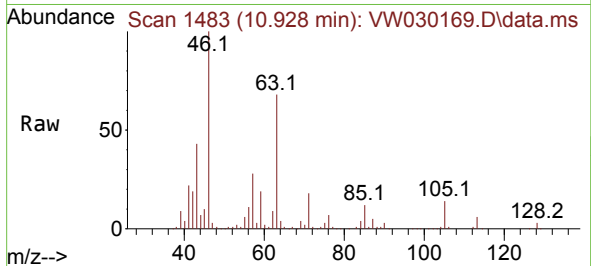
85 14.2 38.9 72.3#



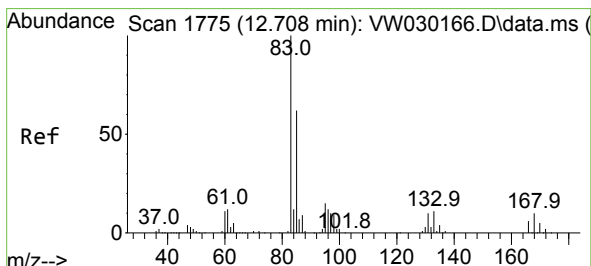
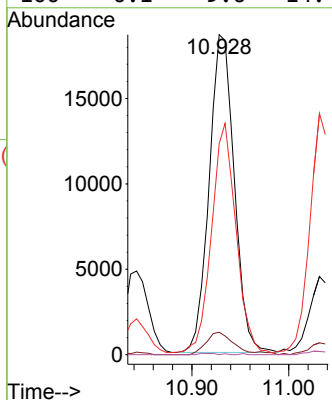
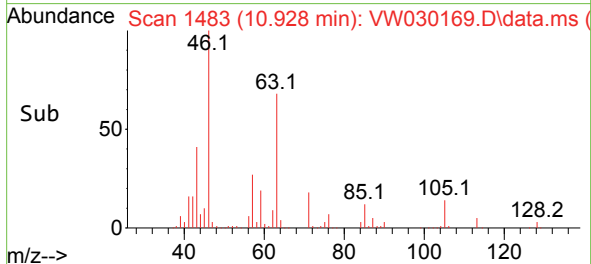


#48
2-Hexanone
Concen: 17.437 ug/L
RT: 10.928 min Scan# 1483
Delta R.T. -0.037 min
Lab File: VW030169.D
Acq: 20 Sep 2024 11:33

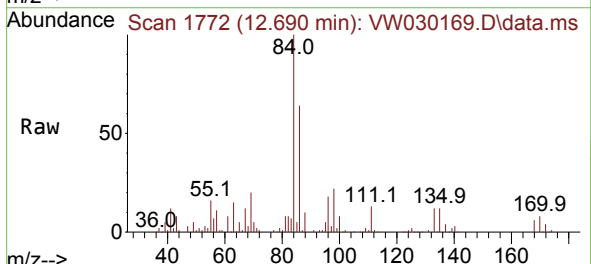
Instrument :
MSVOA_W
ClientSampleId :



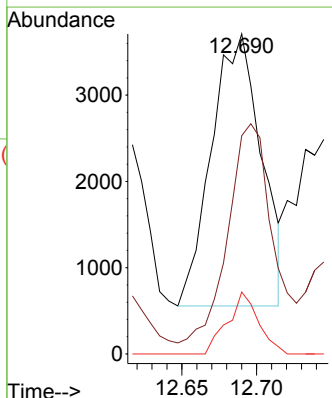
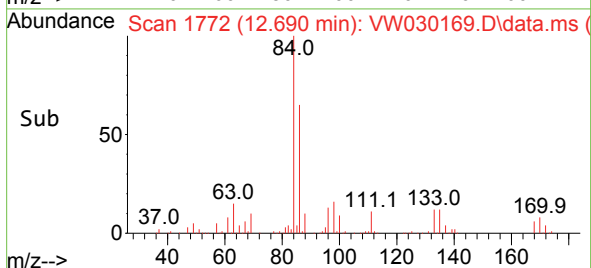
Tgt Ion: 43 Resp: 33460
Ion Ratio Lower Upper
43 100
58 7.6 44.8 67.2#
57 70.1 15.4 23.2#
100 0.1 9.6 14.4#

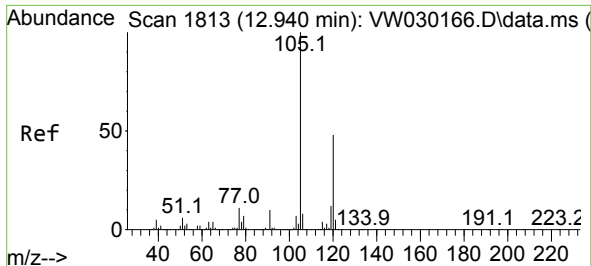


#57
1,1,2,2-Tetrachloroethane
Concen: 1.722 ug/L
RT: 12.690 min Scan# 1772
Delta R.T. -0.018 min
Lab File: VW030169.D
Acq: 20 Sep 2024 11:33



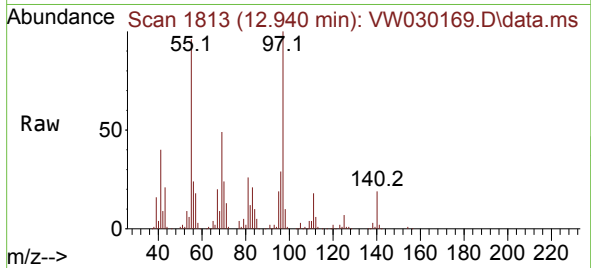
Tgt Ion: 83 Resp: 7303
Ion Ratio Lower Upper
83 100
85 68.2 44.5 82.7
131 19.4 7.4 11.2#



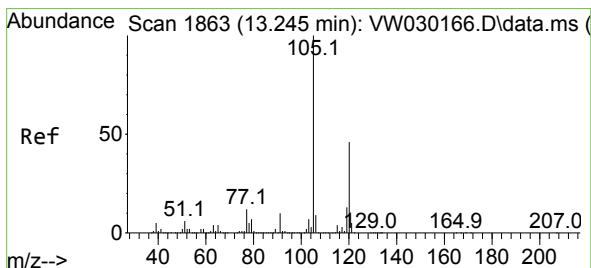
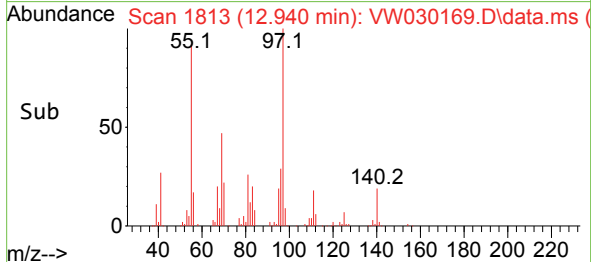
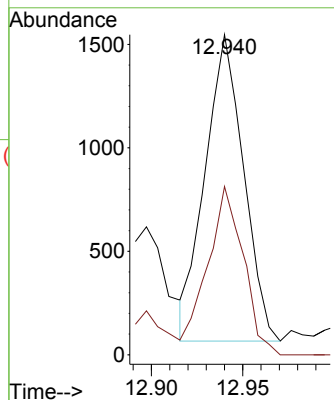


#62
 1,3,5-Trimethylbenzene
 Concen: 0.292 ug/L
 RT: 12.940 min Scan# 1813
 Delta R.T. 0.000 min
 Lab File: VW030169.D
 Acq: 20 Sep 2024 11:33

Instrument :
 MSVOA_W
 ClientSampleId :

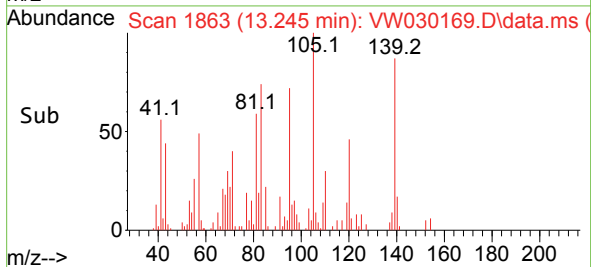
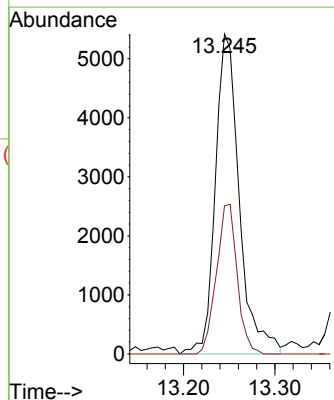
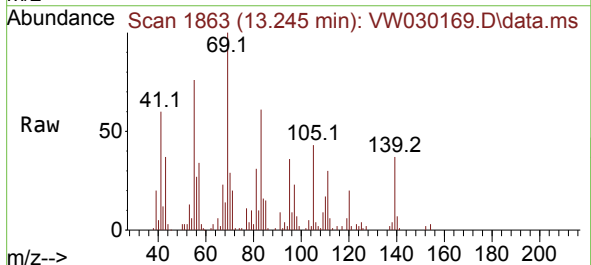


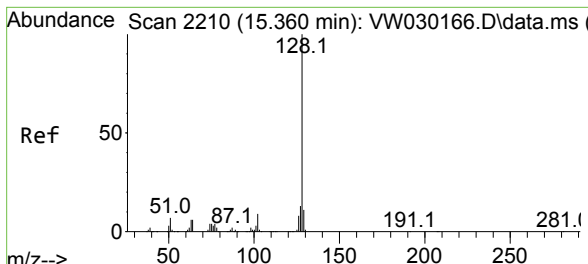
Tgt Ion:105 Resp: 2168
 Ion Ratio Lower Upper
 105 100
 120 51.3 37.3 55.9



#63
 1,2,4-Trimethylbenzene
 Concen: 1.281 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VW030169.D
 Acq: 20 Sep 2024 11:33

Tgt Ion:105 Resp: 9870
 Ion Ratio Lower Upper
 105 100
 120 40.6 34.8 52.2

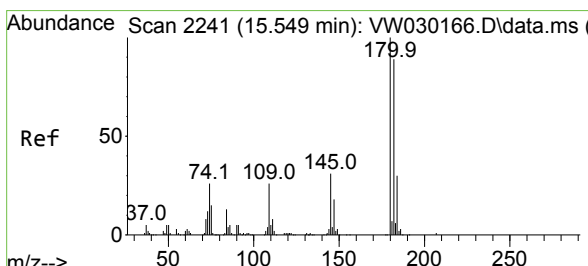
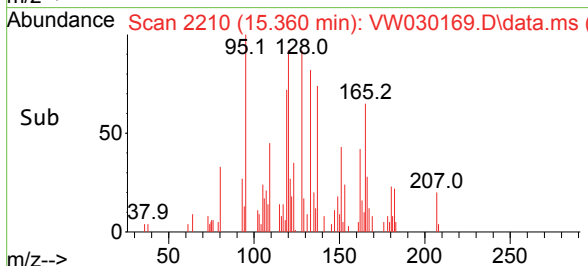
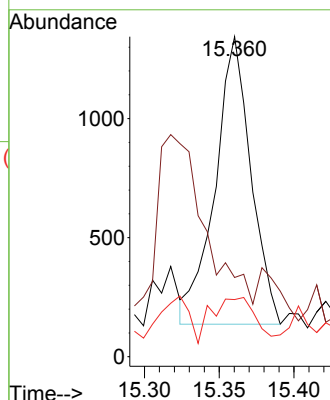
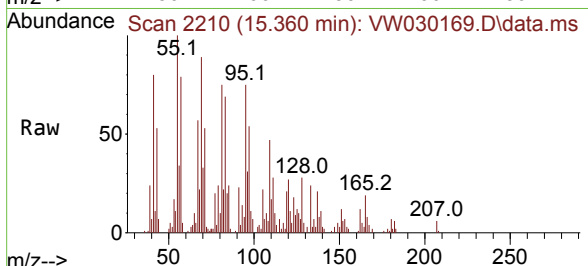




#71
Naphthalene
Concen: 0.436 ug/L
RT: 15.360 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW030169.D
Acq: 20 Sep 2024 11:33

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 2005
Ion Ratio Lower Upper
128 100
127 10.6 10.1 15.1
129 19.4 8.4 12.6#



#72
1,2,3-Trichlorobenzene
Concen: 0.335 ug/L
RT: 15.561 min Scan# 2243
Delta R.T. 0.012 min
Lab File: VW030169.D
Acq: 20 Sep 2024 11:33

Tgt Ion:180 Resp: 744
Ion Ratio Lower Upper
180 100
182 69.9 76.4 114.6#
145 254.4 26.2 39.4#

