

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121324\
 Data File : VW031238.D
 Acq On : 13 Dec 2024 15:45
 Operator : SY/MD
 Sample : P5155-22
 Misc : 4.07g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 14 00:46:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 14 00:44:31 2024
 Response via : Initial Calibration

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

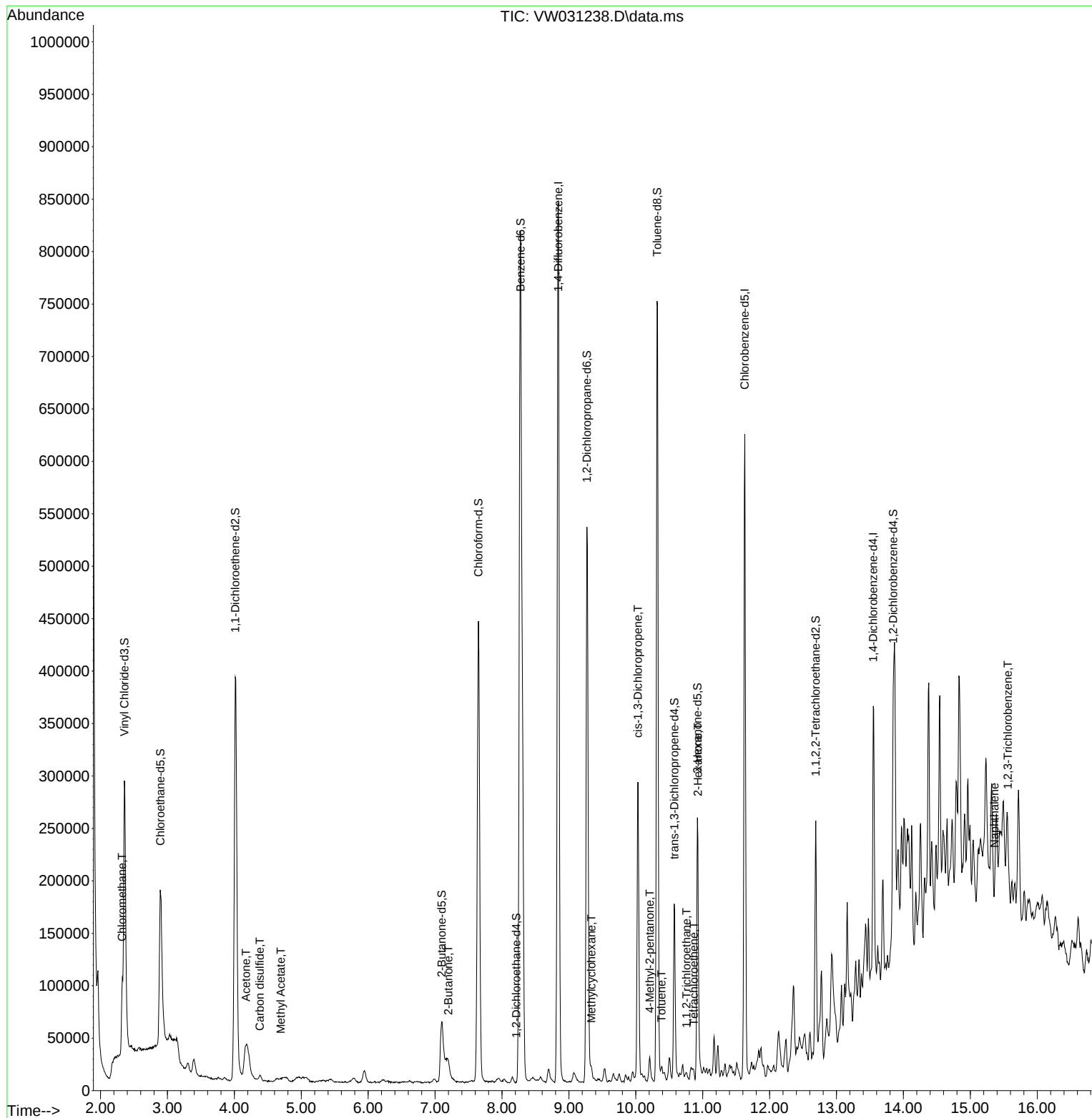
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	722319	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	323849	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	72890	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.356	65	331307	30.484	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	= 121.920%		
7) Chloroethane-d5	2.893	69	239663	29.811	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	= 119.240%		
11) 1,1-Dichloroethene-d2	4.015	65	125284	24.302	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	= 97.200%		
21) 2-Butanone-d5	7.100	46	127102	62.100	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	= 124.200%		
24) Chloroform-d	7.648	84	450777	22.777	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	= 91.120%		
26) 1,2-Dichloroethane-d4	8.215	65	134	0.013	ug/L	-0.09
Spiked Amount	25.000	Range 70 - 130	Recovery	= 0.040%#		
32) Benzene-d6	8.276	84	829683	39.971	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	= 159.880%#		
36) 1,2-Dichloropropane-d6	9.270	67	247449	40.904	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	= 163.600%#		
41) Toluene-d8	10.318	98	493867	25.576	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	= 102.320%		
43) trans-1,3-Dichloroprop...	10.575	79	94937	34.035	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	= 136.160%#		
47) 2-Hexanone-d5	10.922	63	87671	107.764	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	= 215.520%#		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	99946	26.313	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	= 105.240%		
66) 1,2-Dichlorobenzene-d4	13.848	152	50256	18.572	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	= 74.280%#		
Target Compounds						
					Qvalue	
3) Chloromethane	2.320	50	4173	0.569	ug/L	94
13) Acetone	4.173	43	109634	38.463	ug/L #	100
14) Carbon disulfide	4.381	76	10126	0.351	ug/L #	92
15) Methyl Acetate	4.691	43	2427	0.750	ug/L	94
22) 2-Butanone	7.197	43	39291	11.376	ug/L	90
35) Methylcyclohexane	9.337	83	4272	0.434	ug/L #	66
39) cis-1,3-Dichloropropene	10.032	75	7517	0.891	ug/L #	63
40) 4-Methyl-2-pentanone	10.209	43	11596	4.378	ug/L	94
42) Toluene	10.386	91	8353	0.383	ug/L	92
45) 1,1,2-Trichloroethane	10.757	97	1632	0.491	ug/L #	35
46) Tetrachloroethene	10.867	164	1213	0.293	ug/L	92
48) 2-Hexanone	10.928	43	16650	7.391	ug/L #	59
71) Naphthalene	15.360	128	2318	0.470	ug/L #	81
72) 1,2,3-Trichlorobenzene	15.561	180	1548	0.682	ug/L #	42

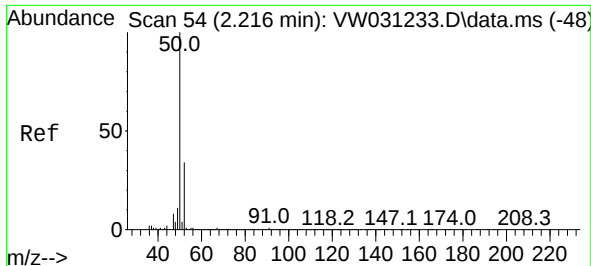
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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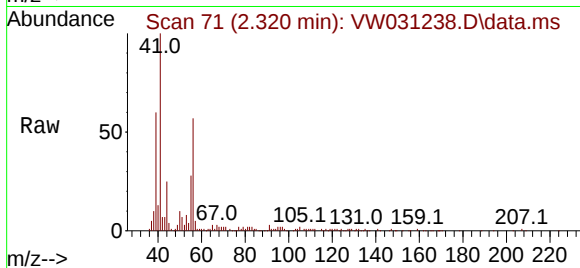
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Quant Title : SFAM01.0
QLast Update : Sat Dec 14 00:44:31 2024
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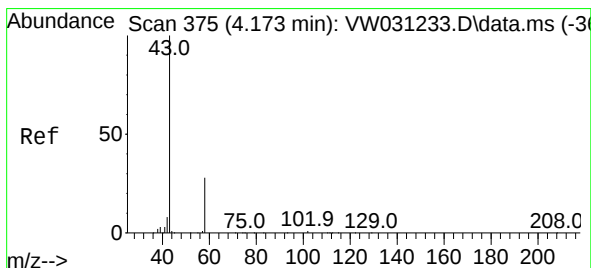
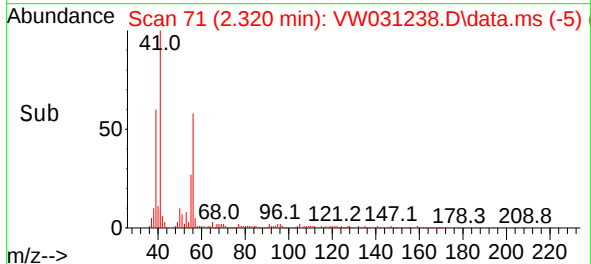
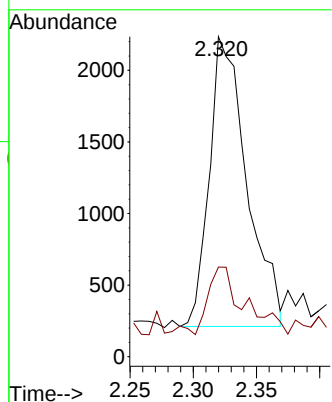


#3
Chloromethane
Concen: 0.569 ug/L
RT: 2.320 min Scan# 71
Delta R.T. 0.104 min
Lab File: VW031238.D
Acq: 13 Dec 2024 15:45

Instrument :
MSVOA_W
ClientSampleId :

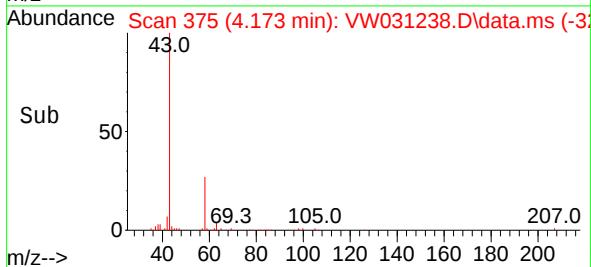
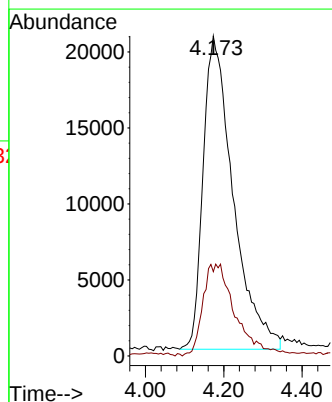
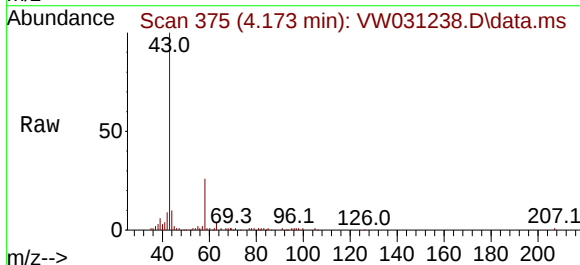


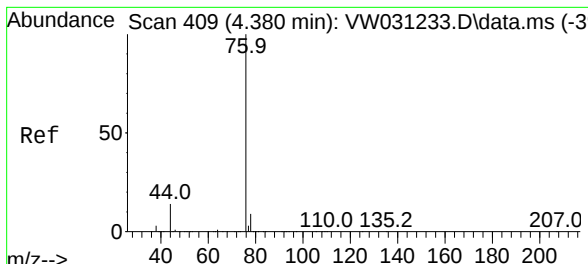
Tgt Ion: 50 Resp: 4173
Ion Ratio Lower Upper
50 100
52 28.0 22.0 41.0



#13
Acetone
Concen: 38.463 ug/L
RT: 4.173 min Scan# 375
Delta R.T. 0.000 min
Lab File: VW031238.D
Acq: 13 Dec 2024 15:45

Tgt Ion: 43 Resp: 109634
Ion Ratio Lower Upper
43 100
58 11.2 0.0 0.0#

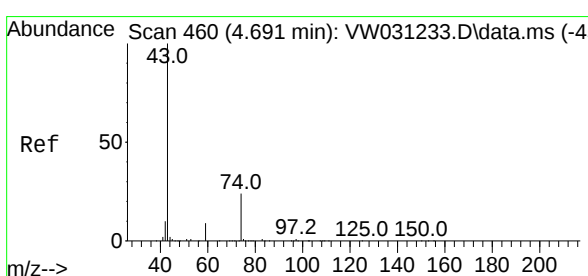
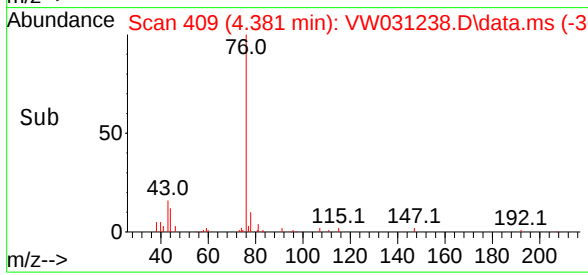
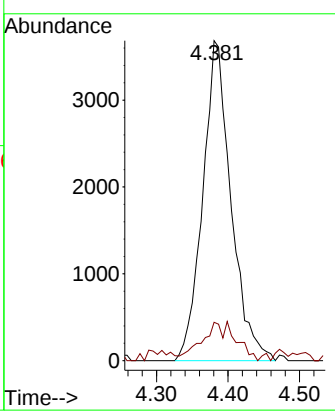
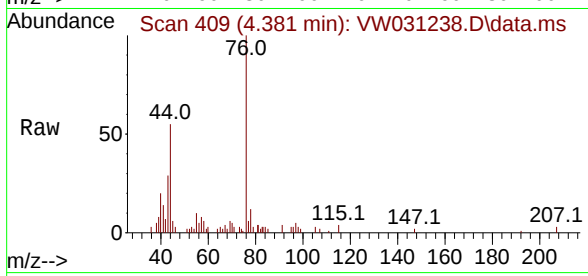




#14
Carbon disulfide
Concen: 0.351 ug/L
RT: 4.381 min Scan# 409
Delta R.T. 0.000 min
Lab File: VW031238.D
Acq: 13 Dec 2024 15:45

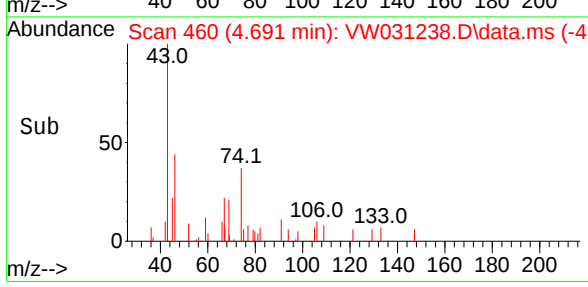
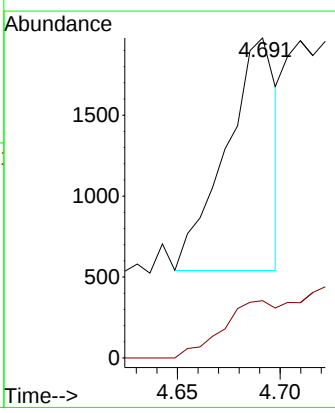
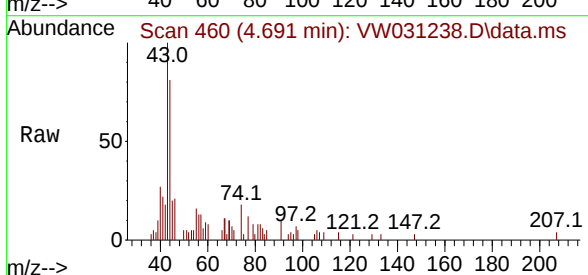
Instrument :
MSVOA_W
ClientSampleId :

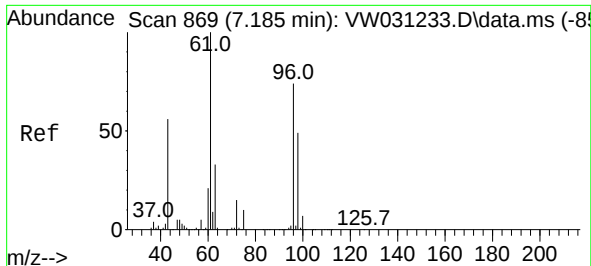
Tgt Ion: 76 Resp: 10126
Ion Ratio Lower Upper
76 100
78 12.0 7.3 10.9#



#15
Methyl Acetate
Concen: 0.750 ug/L
RT: 4.691 min Scan# 460
Delta R.T. 0.000 min
Lab File: VW031238.D
Acq: 13 Dec 2024 15:45

Tgt Ion: 43 Resp: 2427
Ion Ratio Lower Upper
43 100
74 26.5 18.9 28.3





#22

2-Butanone

Concen: 11.376 ug/L

RT: 7.197 min Scan# 81

Delta R.T. 0.012 min

Lab File: VW031238.D

Acq: 13 Dec 2024 15:45

Instrument :

MSVOA_W

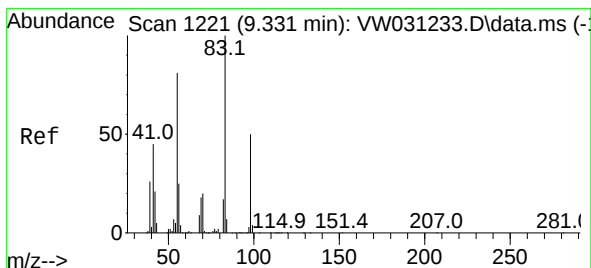
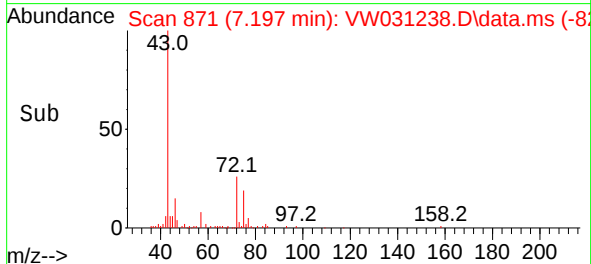
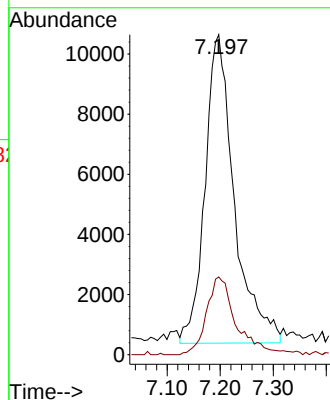
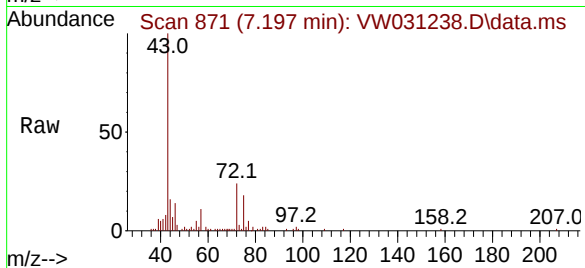
ClientSampleId :

Tgt Ion: 43 Resp: 39291

Ion Ratio Lower Upper

43 100

72 21.5 13.3 39.8



#35

Methylcyclohexane

Concen: 0.434 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW031238.D

Acq: 13 Dec 2024 15:45

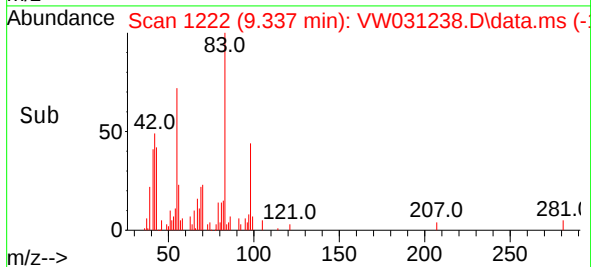
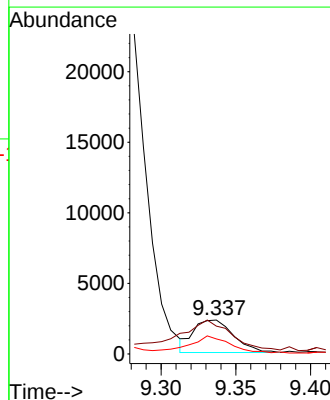
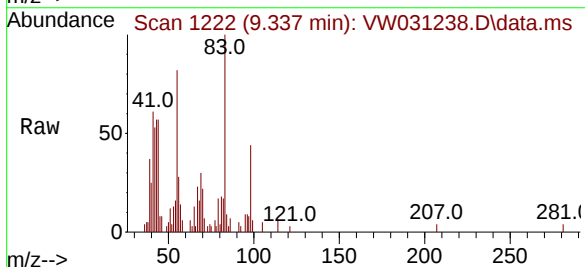
Tgt Ion: 83 Resp: 4272

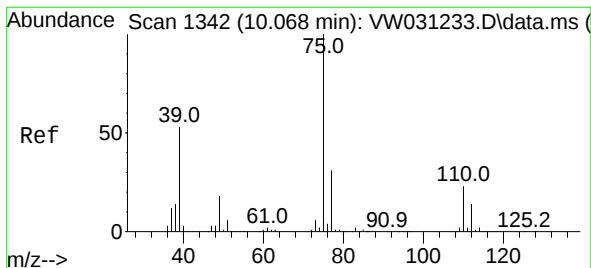
Ion Ratio Lower Upper

83 100

55 122.3 62.6 93.8#

98 54.2 39.8 59.6

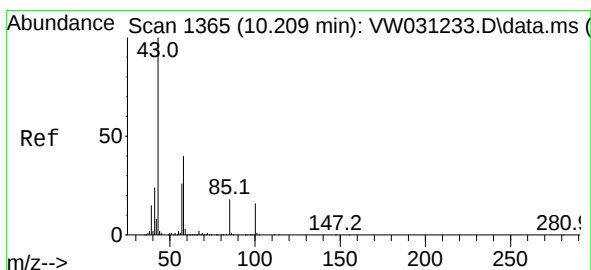
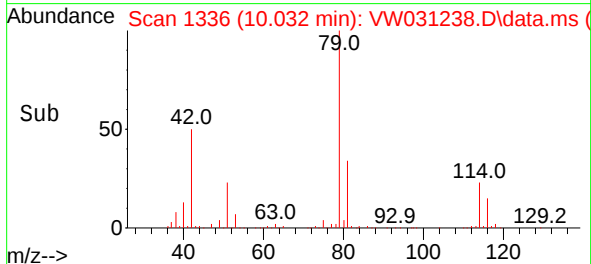
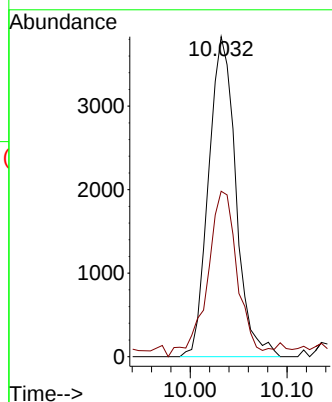
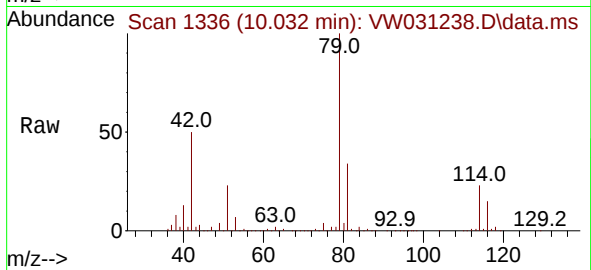




#39
cis-1,3-Dichloropropene
Concen: 0.891 ug/L
RT: 10.032 min Scan# 1336
Delta R.T. -0.036 min
Lab File: VW031238.D
Acq: 13 Dec 2024 15:45

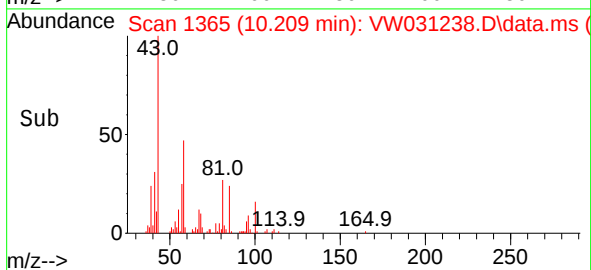
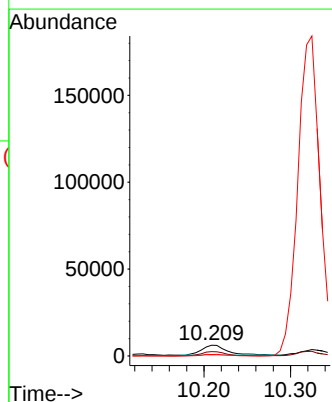
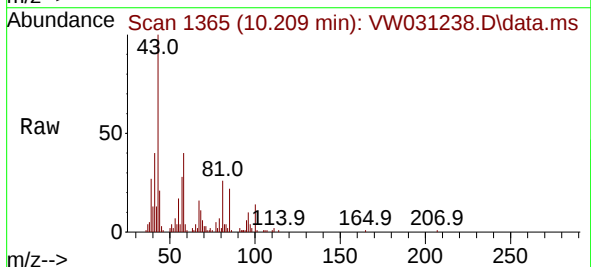
Instrument :
MSVOA_W
ClientSampleId :

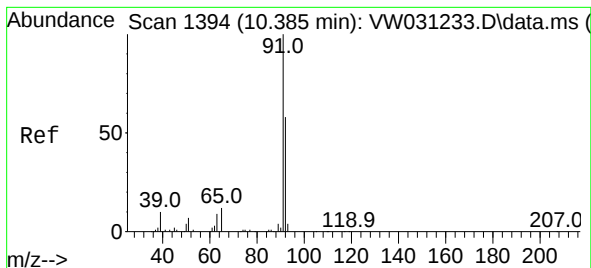
Tgt Ion: 75 Resp: 7517
Ion Ratio Lower Upper
75 100
77 51.7 21.8 40.4#



#40
4-Methyl-2-pentanone
Concen: 4.378 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. 0.000 min
Lab File: VW031238.D
Acq: 13 Dec 2024 15:45

Tgt Ion: 43 Resp: 11596
Ion Ratio Lower Upper
43 100
58 43.8 31.1 46.7
100 16.4 13.0 19.6





#42

Toluene

Concen: 0.383 ug/L

RT: 10.386 min Scan# 14

Delta R.T. 0.000 min

Lab File: VW031238.D

Acq: 13 Dec 2024 15:45

Instrument :

MSVOA_W

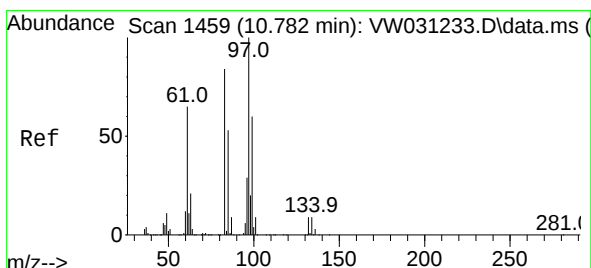
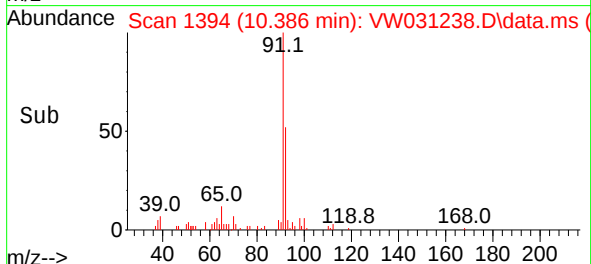
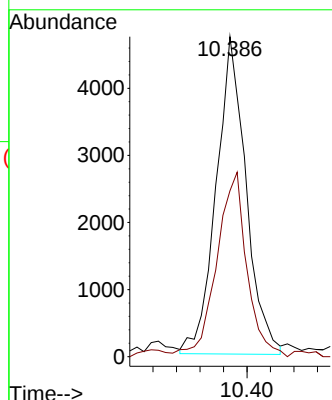
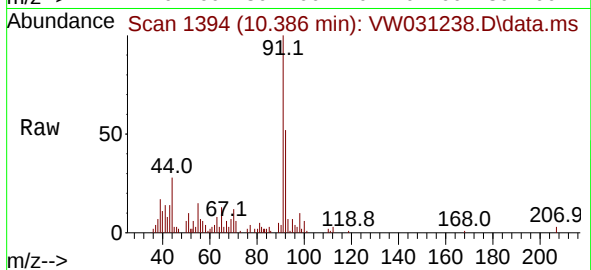
ClientSampleId :

Tgt Ion: 91 Resp: 8353

Ion Ratio Lower Upper

91 100

92 51.8 40.3 74.9



#45

1,1,2-Trichloroethane

Concen: 0.491 ug/L

RT: 10.757 min Scan# 1455

Delta R.T. -0.024 min

Lab File: VW031238.D

Acq: 13 Dec 2024 15:45

Tgt Ion: 97 Resp: 1632

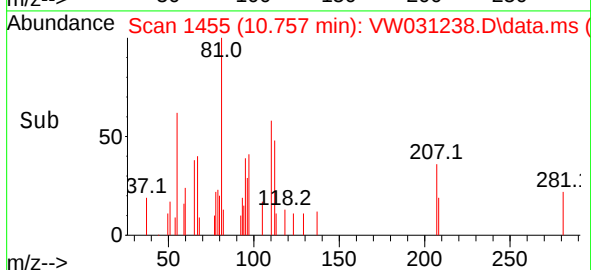
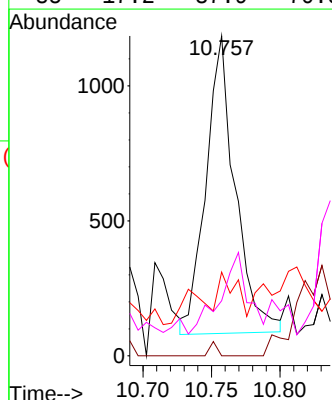
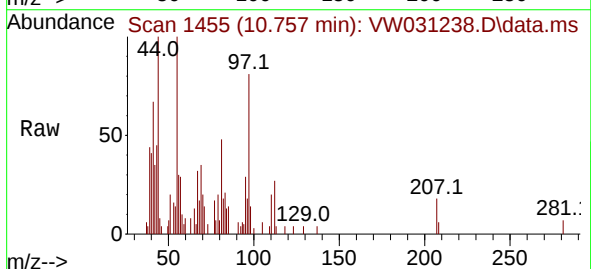
Ion Ratio Lower Upper

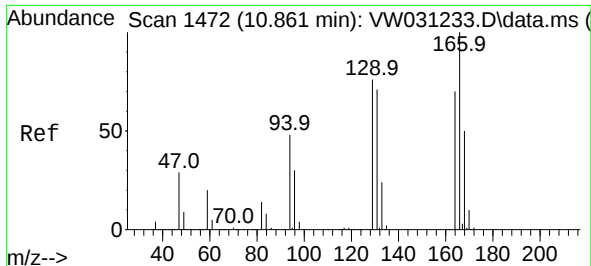
97 100

99 0.0 43.0 80.0#

83 26.2 56.4 104.7#

85 17.2 37.9 70.3#





#46

Tetrachloroethene

Concen: 0.293 ug/L

RT: 10.867 min Scan# 1472

Delta R.T. 0.006 min

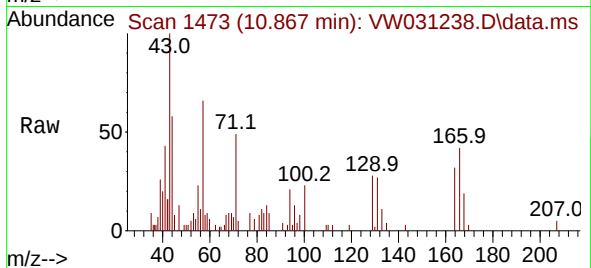
Lab File: VW031238.D

Acq: 13 Dec 2024 15:45

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:164 Resp: 1213

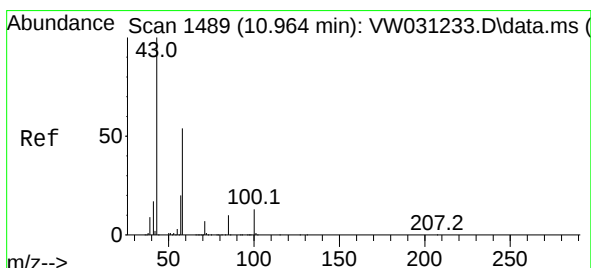
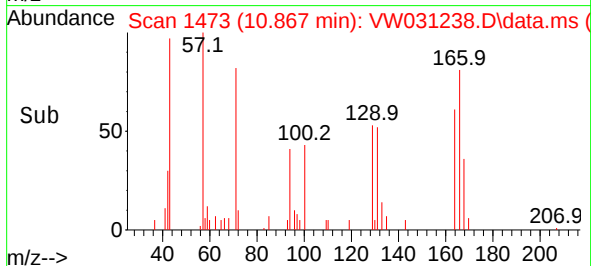
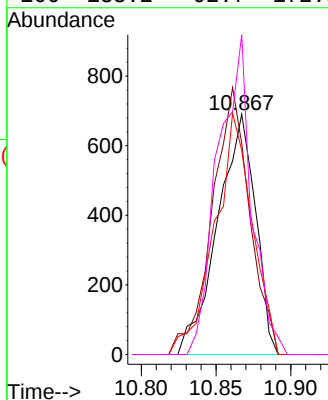
Ion Ratio Lower Upper

164 100

129 87.8 73.5 136.5

131 85.1 66.6 123.8

166 133.2 92.7 172.3



#48

2-Hexanone

Concen: 7.391 ug/L

RT: 10.928 min Scan# 1483

Delta R.T. -0.036 min

Lab File: VW031238.D

Acq: 13 Dec 2024 15:45

Tgt Ion: 43 Resp: 16650

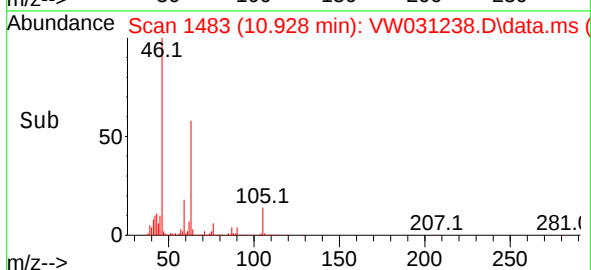
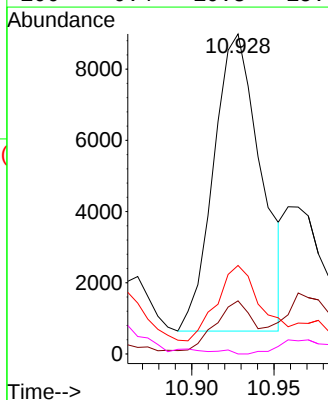
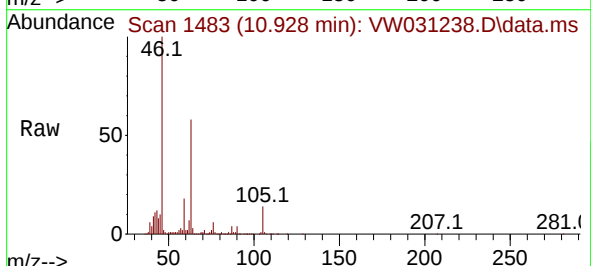
Ion Ratio Lower Upper

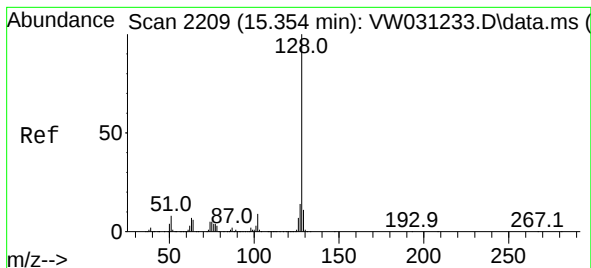
43 100

58 13.9 43.0 64.6#

57 23.5 15.7 23.5#

100 0.4 10.3 15.5#





#71

Naphthalene

Concen: 0.470 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VW031238.D

Acq: 13 Dec 2024 15:45

Instrument :

MSVOA_W

ClientSampleId :

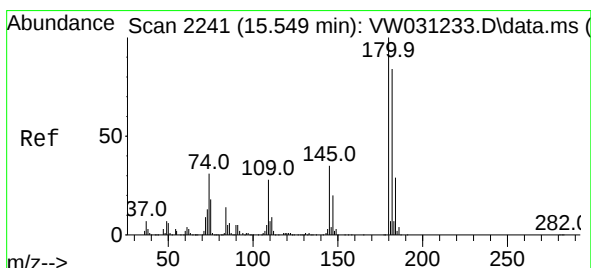
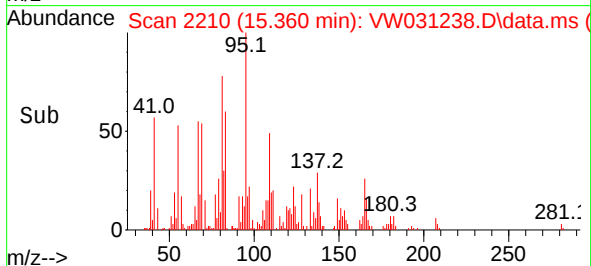
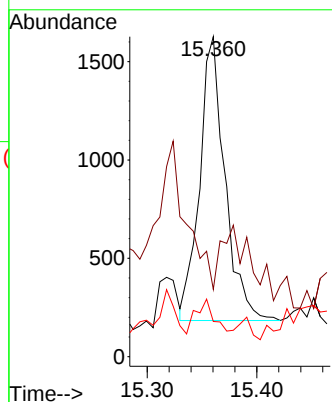
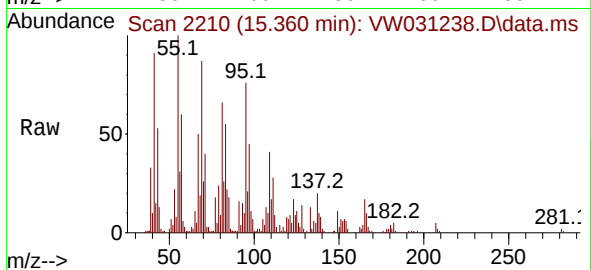
Tgt Ion:128 Resp: 2318

Ion Ratio Lower Upper

128 100

127 0.0 10.7 16.1#

129 10.7 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 0.682 ug/L

RT: 15.561 min Scan# 2243

Delta R.T. 0.012 min

Lab File: VW031238.D

Acq: 13 Dec 2024 15:45

Tgt Ion:180 Resp: 1548

Ion Ratio Lower Upper

180 100

182 38.2 75.0 112.4#

145 0.0 27.8 41.6#

