

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121824\
 Data File : VW031333.D
 Acq On : 18 Dec 2024 12:26
 Operator : SY/MD
 Sample : P5265-01
 Misc : 7.44g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 19 00:22:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 19 00:20:44 2024
 Response via : Initial Calibration

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

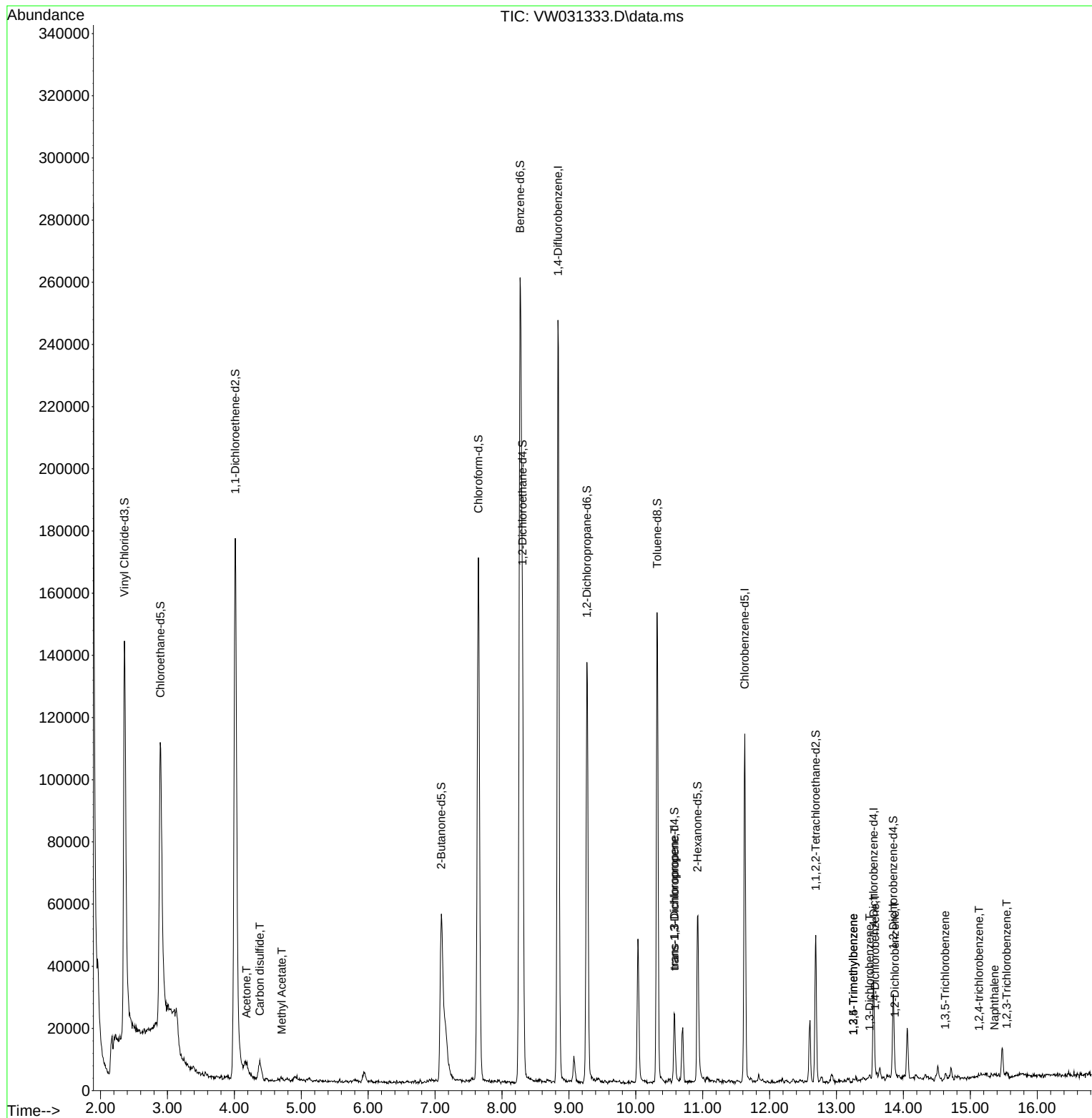
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	204364	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	58089	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	7936	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	210861	68.575	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	274.280%#
7) Chloroethane-d5	2.893	69	151994	66.823	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	267.280%#
11) 1,1-Dichloroethene-d2	4.015	65	61020	41.836	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	167.360%#
21) 2-Butanone-d5	7.094	46	108057	186.602	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	373.200%#
24) Chloroform-d	7.648	84	169070	30.194	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	120.760%
26) 1,2-Dichloroethane-d4	8.307	65	110877	39.429	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	157.720%#
32) Benzene-d6	8.270	84	268629	72.151	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	288.600%#
36) 1,2-Dichloropropane-d6	9.270	67	62594	57.685	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	230.720%#
41) Toluene-d8	10.319	98	101941	29.432	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	117.720%
43) trans-1,3-Dichloroprop...	10.575	79	12393	24.769	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.080%
47) 2-Hexanone-d5	10.922	63	19175	131.402	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	262.800%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	22518	33.051	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	132.200%#
66) 1,2-Dichlorobenzene-d4	13.848	152	6925	23.505	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.040%
Target Compounds						Qvalue
13) Acetone	4.179	43	9817	12.173	ug/L #	100
14) Carbon disulfide	4.381	76	13835	1.693	ug/L #	94
15) Methyl Acetate	4.710	43	819	0.894	ug/L	92
44) trans-1,3-Dichloropropene	10.581	75	807	0.653	ug/L #	72
62) 1,3,5-Trimethylbenzene	13.251	105	548	0.498	ug/L	90
63) 1,2,4-Trimethylbenzene	13.251	105	548	0.515	ug/L	94
64) 1,3-Dichlorobenzene	13.495	146	307	0.583	ug/L #	66
65) 1,4-Dichlorobenzene	13.574	146	457	0.877	ug/L #	87
67) 1,2-Dichlorobenzene	13.873	146	291	0.642	ug/L #	62
69) 1,3,5-Trichlorobenzene	14.623	180	195	0.529	ug/L #	80
70) 1,2,4-trichlorobenzene	15.129	180	397	1.295	ug/L #	86
71) Naphthalene	15.360	128	945	1.758	ug/L #	86
72) 1,2,3-Trichlorobenzene	15.543	180	132	0.534	ug/L #	1

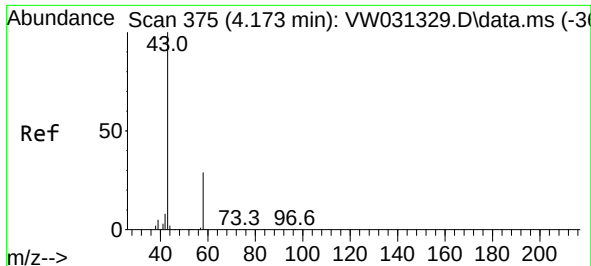
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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Response via : Initial Calibration

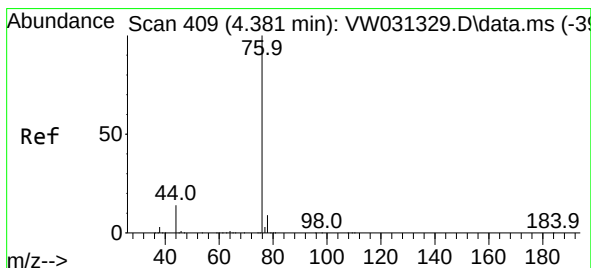
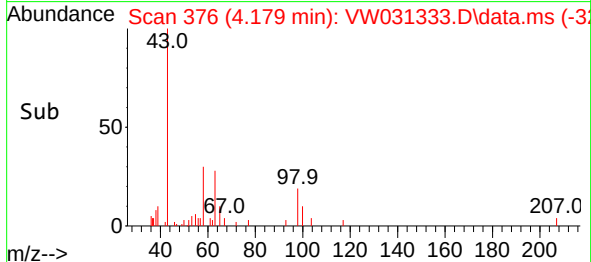
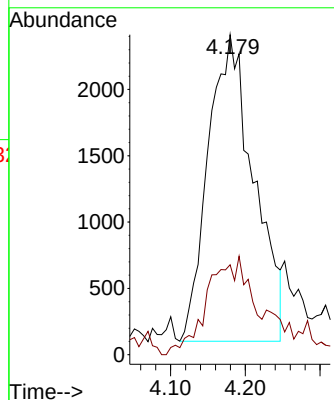
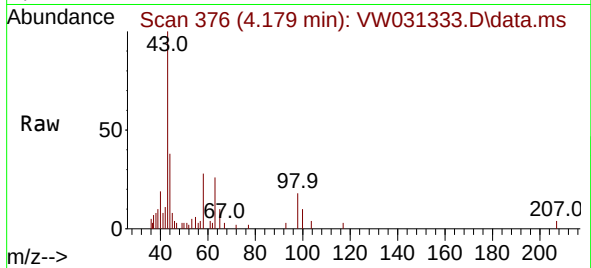




#13
Acetone
Concen: 12.173 ug/L
RT: 4.179 min Scan# 375
Delta R.T. 0.006 min
Lab File: VW031333.D
Acq: 18 Dec 2024 12:26

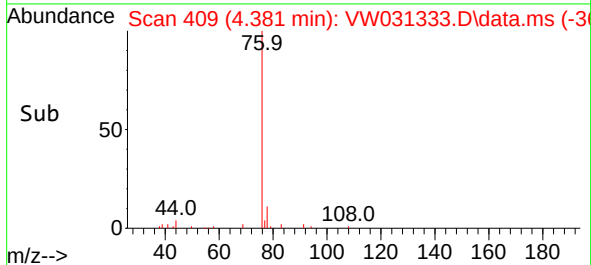
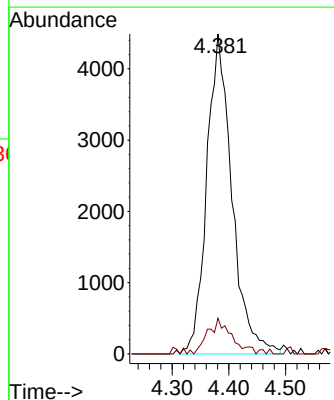
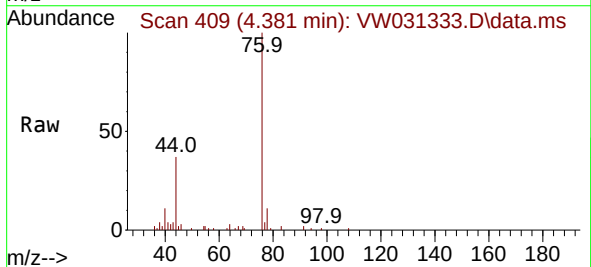
Instrument :
MSVOA_W
ClientSampleId :

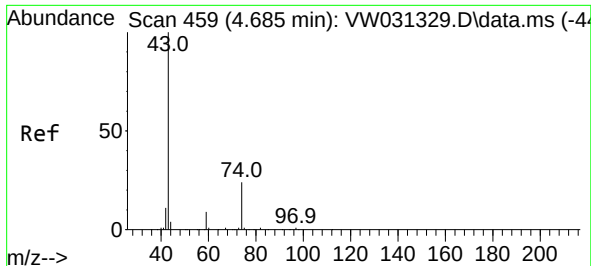
Tgt Ion: 43 Resp: 9817
Ion Ratio Lower Upper
43 100
58 13.2 0.0 0.0#



#14
Carbon disulfide
Concen: 1.693 ug/L
RT: 4.381 min Scan# 409
Delta R.T. 0.000 min
Lab File: VW031333.D
Acq: 18 Dec 2024 12:26

Tgt Ion: 76 Resp: 13835
Ion Ratio Lower Upper
76 100
78 11.1 7.3 10.9#

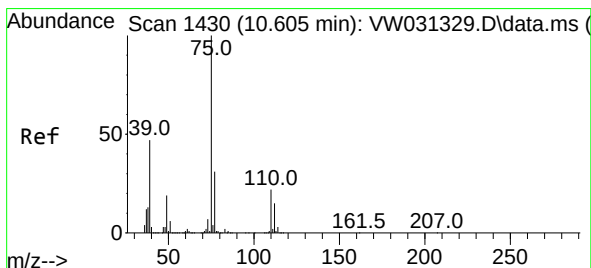
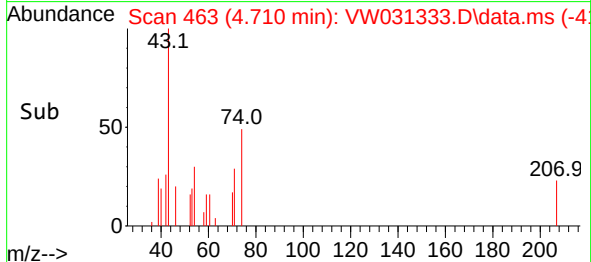
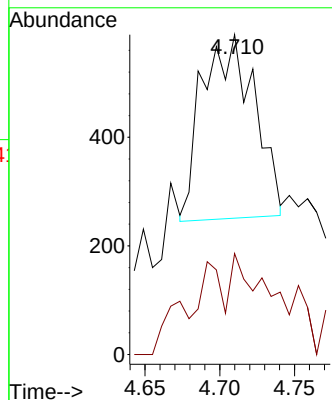
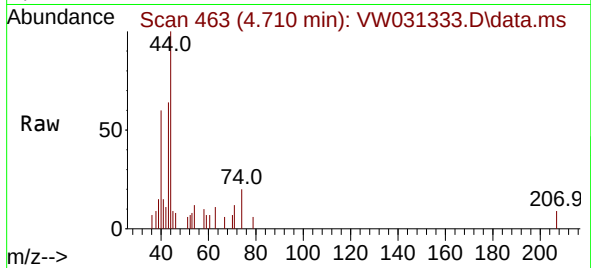




#15
Methyl Acetate
Concen: 0.894 ug/L
RT: 4.710 min Scan# 419
Delta R.T. 0.024 min
Lab File: VW031333.D
Acq: 18 Dec 2024 12:26

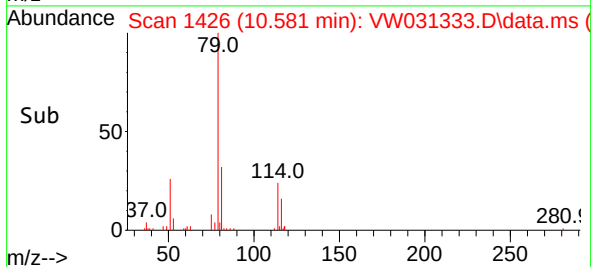
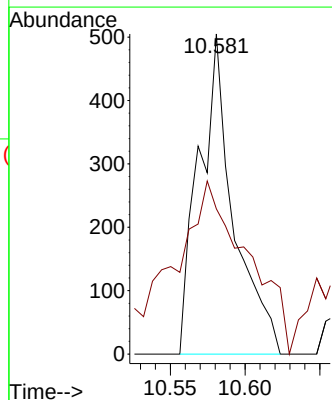
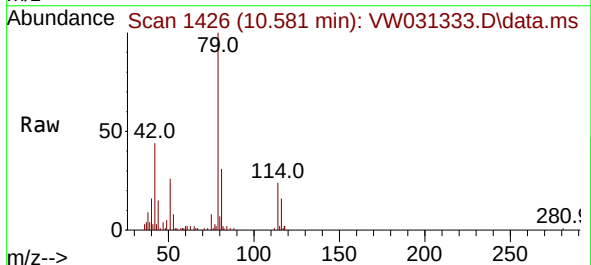
Instrument :
MSVOA_W
ClientSampleId :

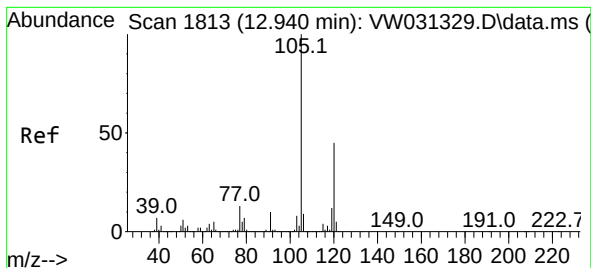
Tgt Ion: 43 Resp: 819
Ion Ratio Lower Upper
43 100
74 19.8 18.9 28.3



#44
trans-1,3-Dichloropropene
Concen: 0.653 ug/L
RT: 10.581 min Scan# 1426
Delta R.T. -0.024 min
Lab File: VW031333.D
Acq: 18 Dec 2024 12:26

Tgt Ion: 75 Resp: 807
Ion Ratio Lower Upper
75 100
77 45.3 21.2 39.4#

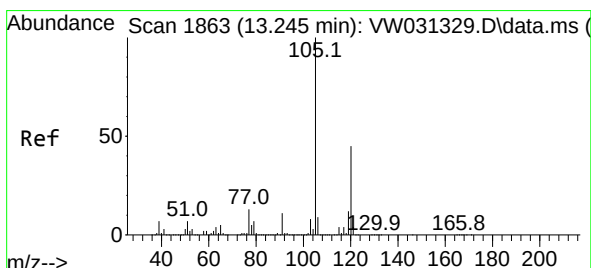
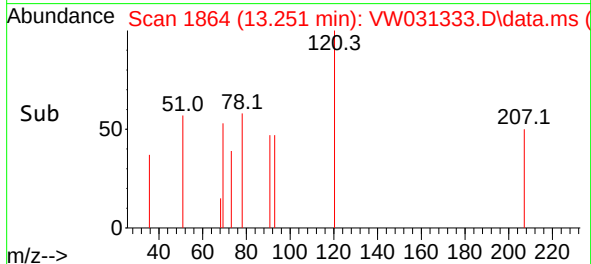
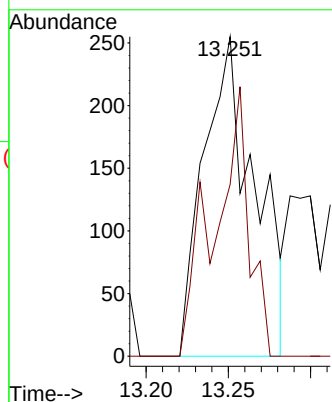
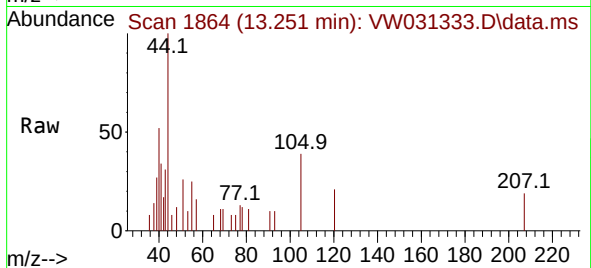




#62
1,3,5-Trimethylbenzene
Concen: 0.498 ug/L
RT: 13.251 min Scan# 1864
Delta R.T. 0.311 min
Lab File: VW031333.D
Acq: 18 Dec 2024 12:26

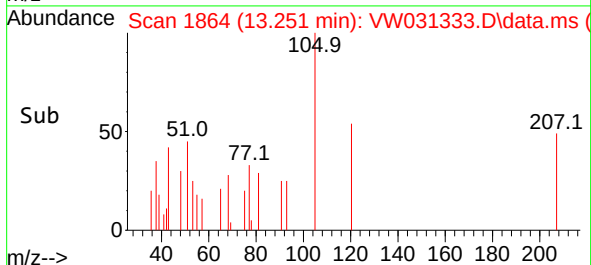
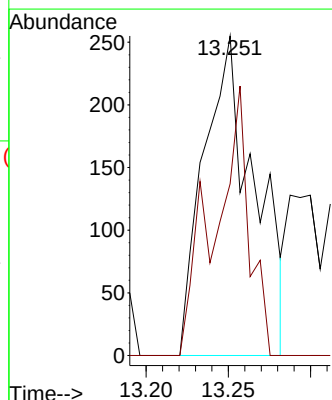
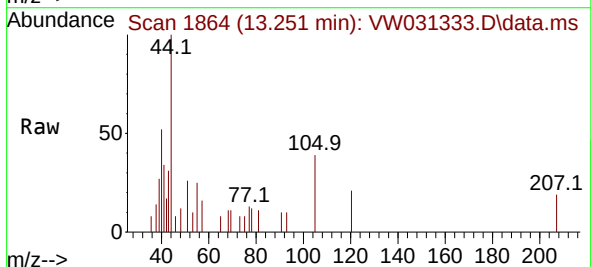
Instrument :
MSVOA_W
ClientSampleId :

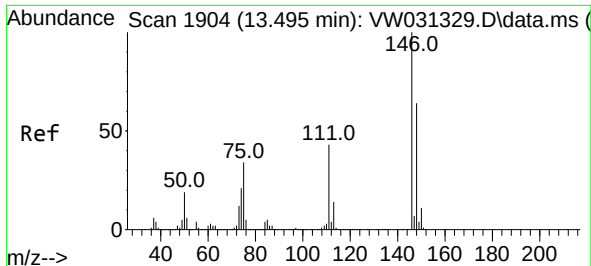
Tgt Ion:105 Resp: 548
Ion Ratio Lower Upper
105 100
120 40.0 37.3 55.9



#63
1,2,4-Trimethylbenzene
Concen: 0.515 ug/L
RT: 13.251 min Scan# 1864
Delta R.T. 0.006 min
Lab File: VW031333.D
Acq: 18 Dec 2024 12:26

Tgt Ion:105 Resp: 548
Ion Ratio Lower Upper
105 100
120 40.0 35.0 52.4

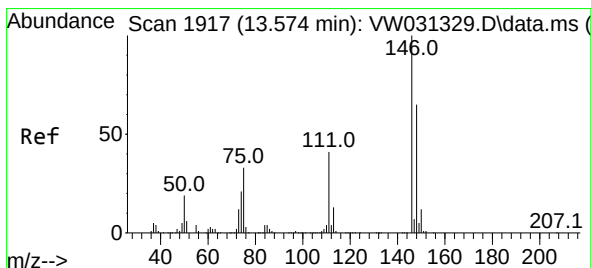
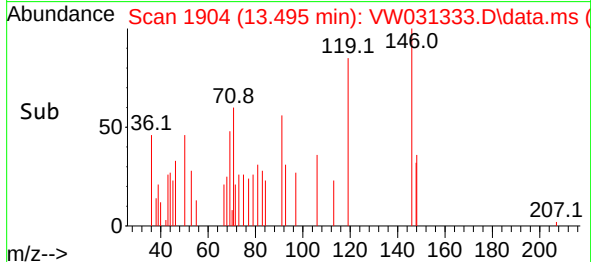
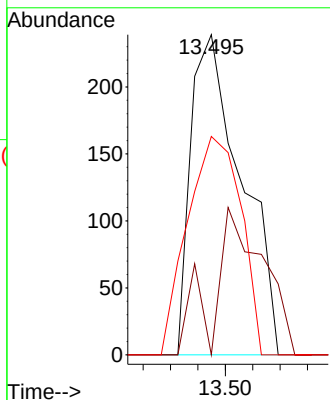
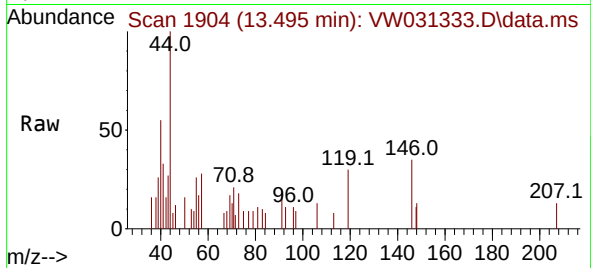




#64
1,3-Dichlorobenzene
Concen: 0.583 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW031333.D
Acq: 18 Dec 2024 12:26

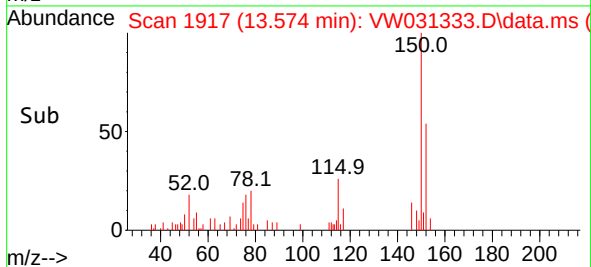
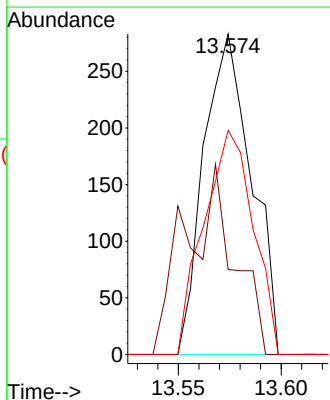
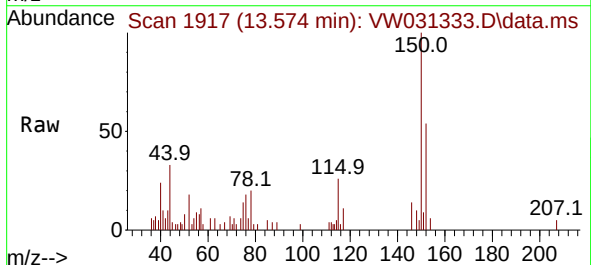
Instrument :
MSVOA_W
ClientSampleId :

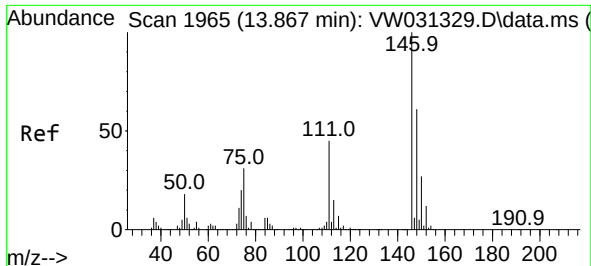
Tgt Ion:146 Resp: 307
Ion Ratio Lower Upper
146 100
111 0.0 27.6 51.2#
148 68.2 41.0 76.2



#65
1,4-Dichlorobenzene
Concen: 0.877 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW031333.D
Acq: 18 Dec 2024 12:26

Tgt Ion:146 Resp: 457
Ion Ratio Lower Upper
146 100
111 26.5 30.7 56.9#
148 70.0 46.5 86.3





#67

1,2-Dichlorobenzene

Concen: 0.642 ug/L

RT: 13.873 min Scan# 1965

Delta R.T. 0.006 min

Lab File: VW031333.D

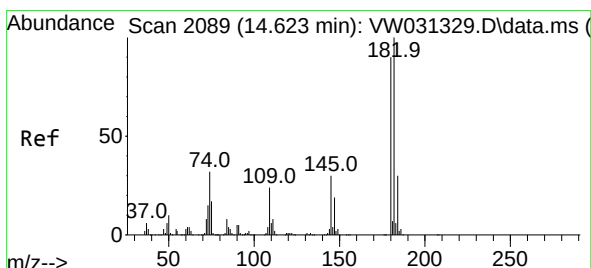
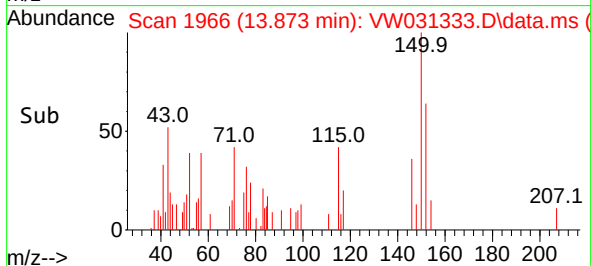
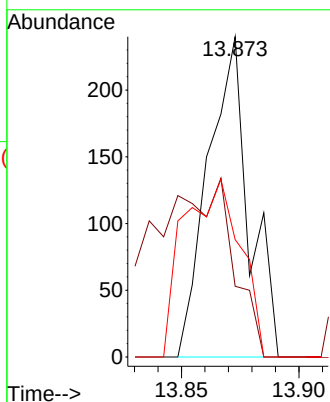
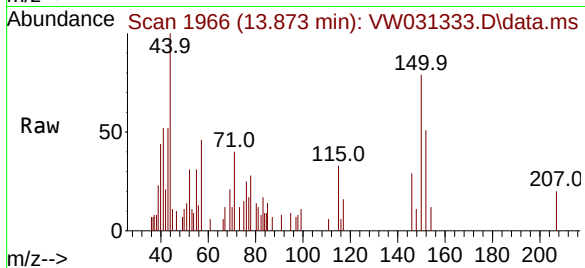
Acq: 18 Dec 2024 12:26

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:146	Resp:	291
Ion Ratio	Lower	Upper
146	100	
111	22.1	38.6 58.0#
148	36.7	53.6 80.4#



#69

1,3,5-Trichlorobenzene

Concen: 0.529 ug/L

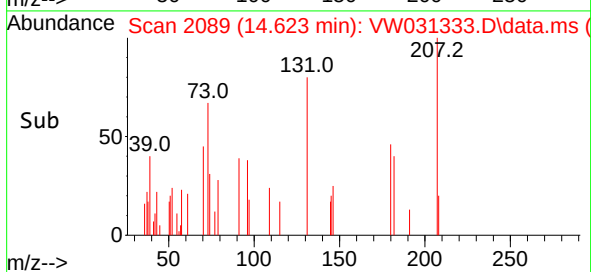
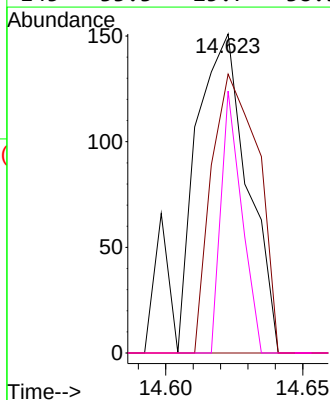
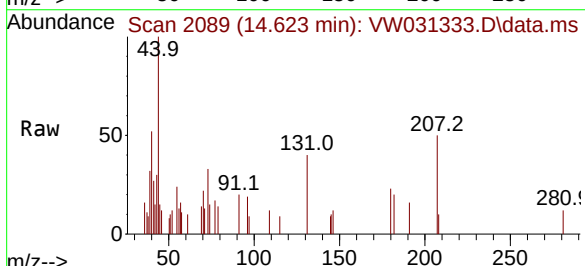
RT: 14.623 min Scan# 2089

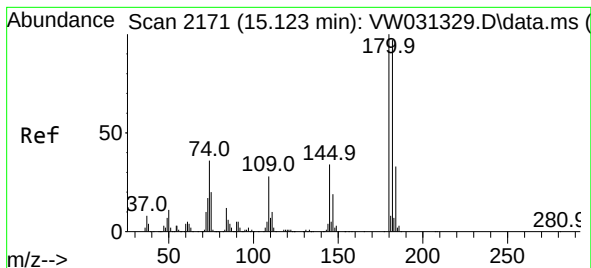
Delta R.T. 0.000 min

Lab File: VW031333.D

Acq: 18 Dec 2024 12:26

Tgt Ion:180	Resp:	195
Ion Ratio	Lower	Upper
180	100	
182	80.0	75.0 112.4
184	0.0	24.6 36.8#
145	33.3	25.7 38.5





#70

1,2,4-trichlorobenzene

Concen: 1.295 ug/L

RT: 15.129 min Scan# 2171

Delta R.T. 0.006 min

Lab File: VW031333.D

Acq: 18 Dec 2024 12:26

Instrument :

MSVOA_W

ClientSampleId :

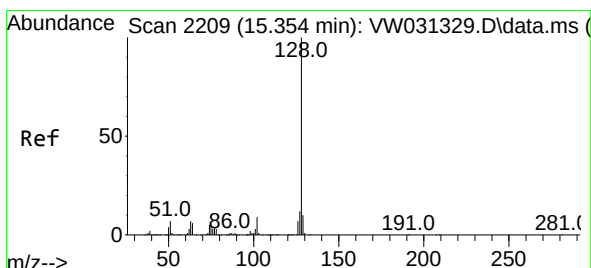
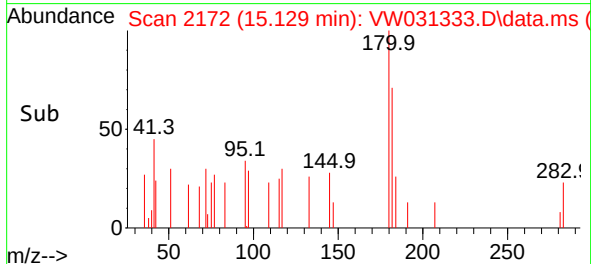
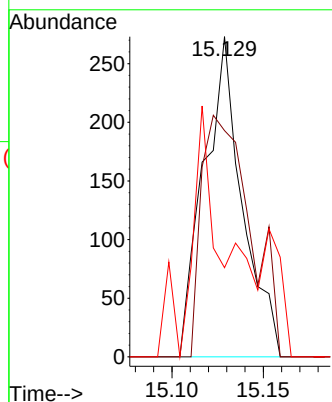
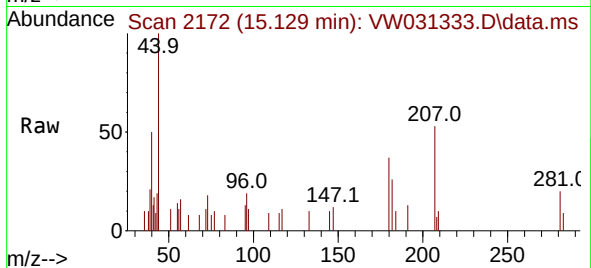
Tgt Ion:180 Resp: 397

Ion Ratio Lower Upper

180 100

182 85.6 78.2 117.2

145 21.9 26.7 40.1#



#71

Naphthalene

Concen: 1.758 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VW031333.D

Acq: 18 Dec 2024 12:26

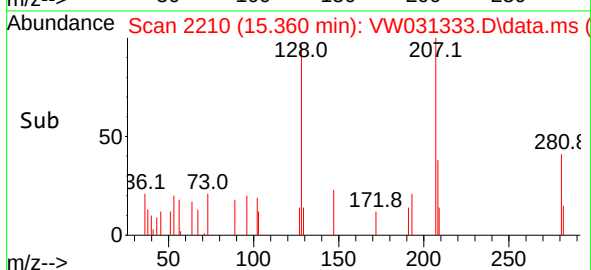
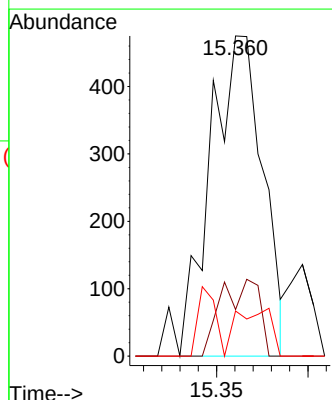
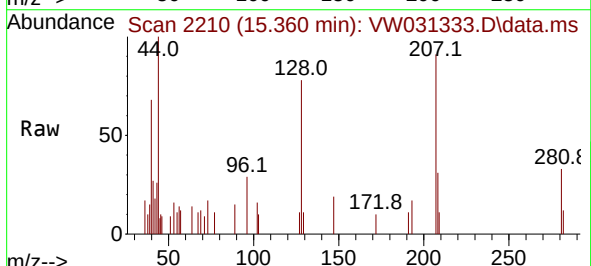
Tgt Ion:128 Resp: 945

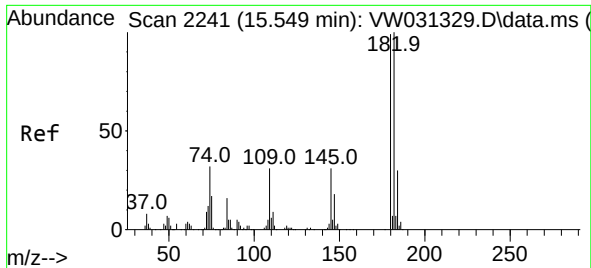
Ion Ratio Lower Upper

128 100

127 8.5 10.7 16.1#

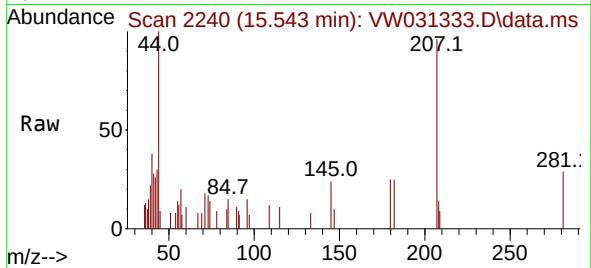
129 4.8 8.6 13.0#





#72
 1,2,3-Trichlorobenzene
 Concen: 0.534 ug/L
 RT: 15.543 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW031333.D
 Acq: 18 Dec 2024 12:26

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:180 Resp: 132
 Ion Ratio Lower Upper
 180 100
 182 134.8 75.0 112.4#
 145 187.9 27.8 41.6#

