

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120924\
 Data File : VW031162.D
 Acq On : 09 Dec 2024 15:13
 Operator : SY/MD
 Sample : P5066-19
 Misc : 4.97g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 10 01:13:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Dec 10 01:12:15 2024
 Response via : Initial Calibration

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

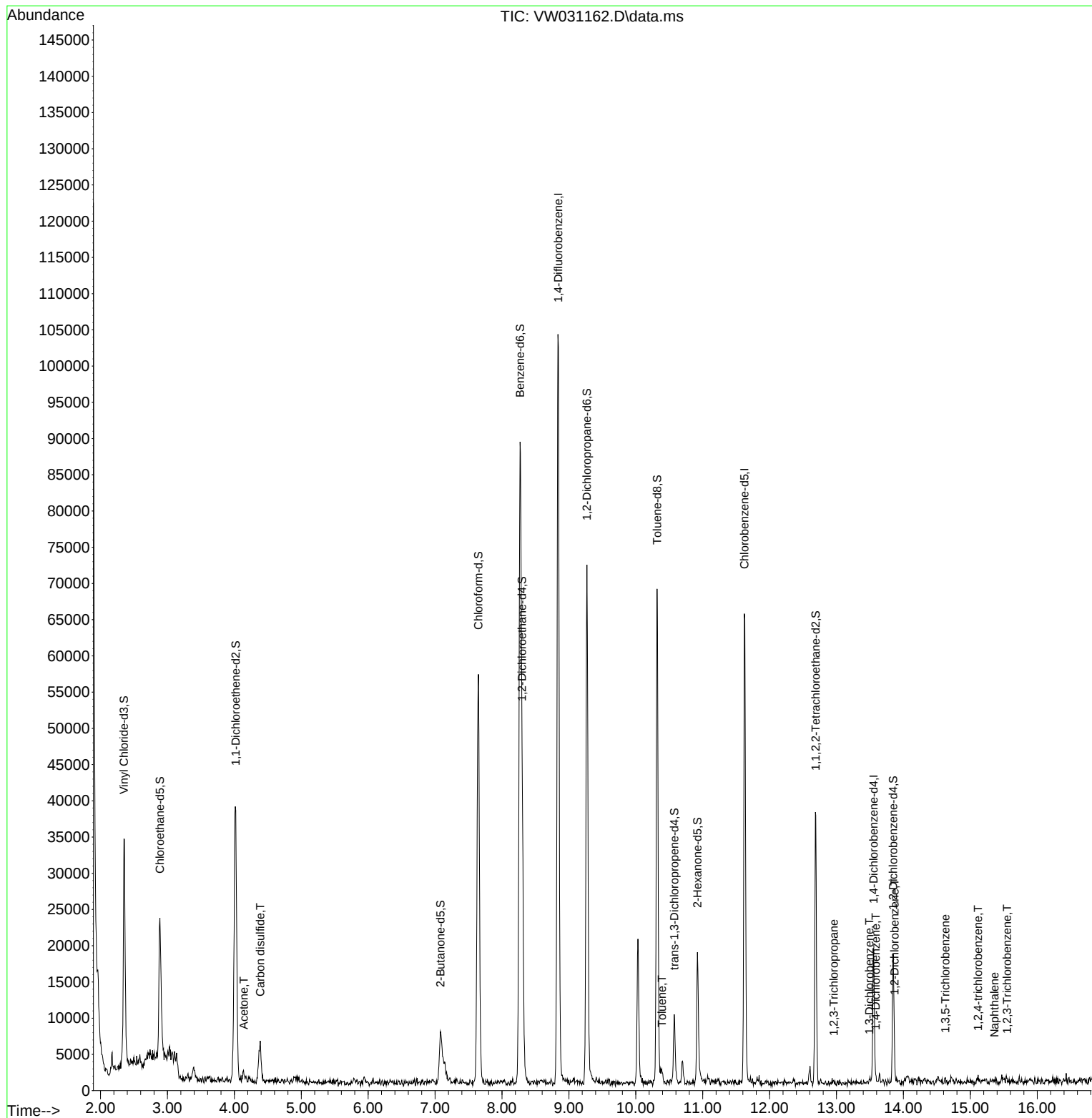
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	80540	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.623	117	33708	25.000	ug/L	# 0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	4125	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.351	65	33020	26.641	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	= 106.560%	
7) Chloroethane-d5	2.887	69	26415	27.470	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	= 109.880%	
11) 1,1-Dichloroethene-d2	4.021	65	12812	22.657	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 90.640%	
21) 2-Butanone-d5	7.081	46	12507	57.700	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	= 115.400%	
24) Chloroform-d	7.648	84	58761	24.910	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 99.640%	
26) 1,2-Dichloroethane-d4	8.301	65	29223	25.176	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 100.720%	
32) Benzene-d6	8.270	84	87741	42.351	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 169.400%#	
36) 1,2-Dichloropropane-d6	9.270	67	33376	54.997	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 220.000%#	
41) Toluene-d8	10.319	98	43873	23.466	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 93.880%	
43) trans-1,3-Dichloroprop...	10.575	79	5293	21.664	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 86.640%	
47) 2-Hexanone-d5	10.922	63	5699	80.155	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 160.300%#	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	18562	45.321	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 181.280%#	
66) 1,2-Dichlorobenzene-d4	13.848	152	4069	27.772	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 111.080%	
Target Compounds						
13) Acetone	4.143	43	2142	5.489	ug/L	59
14) Carbon disulfide	4.387	76	10361	2.762	ug/L	98
42) Toluene	10.392	91	1040	0.433	ug/L #	75
61) 1,2,3-Trichloropropane	12.958	75	44	0.571	ug/L #	1
64) 1,3-Dichlorobenzene	13.489	146	122	0.420	ug/L #	59
65) 1,4-Dichlorobenzene	13.586	146	252	0.859	ug/L #	47
67) 1,2-Dichlorobenzene	13.867	146	207	0.815	ug/L #	26
69) 1,3,5-Trichlorobenzene	14.629	180	89	0.451	ug/L #	51
70) 1,2,4-trichlorobenzene	15.117	180	116	0.750	ug/L #	75
71) Naphthalene	15.360	128	430	1.725	ug/L #	69
72) 1,2,3-Trichlorobenzene	15.549	180	87	0.657	ug/L #	79

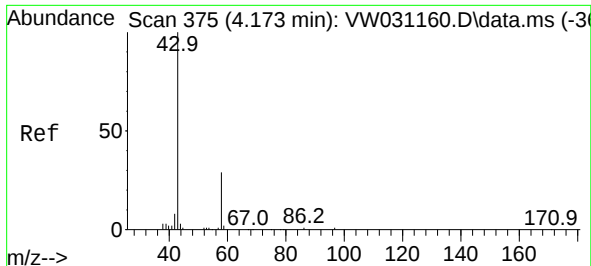
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Tue Dec 10 01:12:15 2024
Response via : Initial Calibration





#13

Acetone

Concen: 5.489 ug/L

RT: 4.143 min Scan# 31

Delta R.T. -0.030 min

Lab File: VW031162.D

Acq: 09 Dec 2024 15:13

Instrument :

MSVOA_W

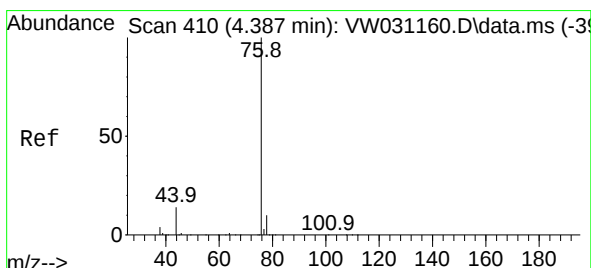
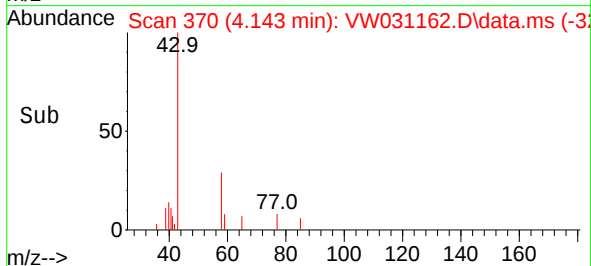
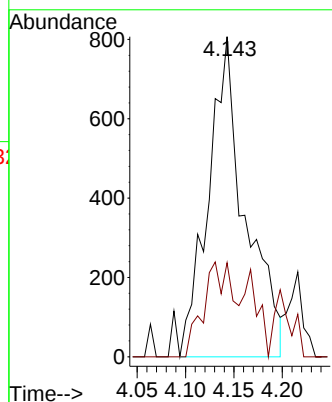
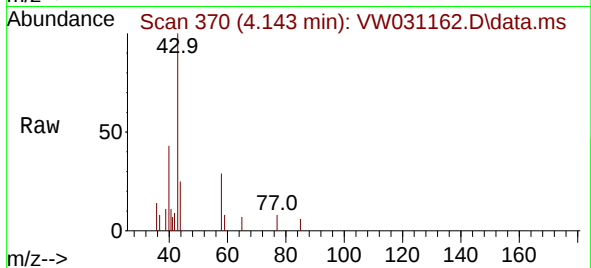
ClientSampleId :

Tgt Ion: 43 Resp: 2142

Ion Ratio Lower Upper

43 100

58 10.4 0.0 67.2



#14

Carbon disulfide

Concen: 2.762 ug/L

RT: 4.387 min Scan# 410

Delta R.T. 0.000 min

Lab File: VW031162.D

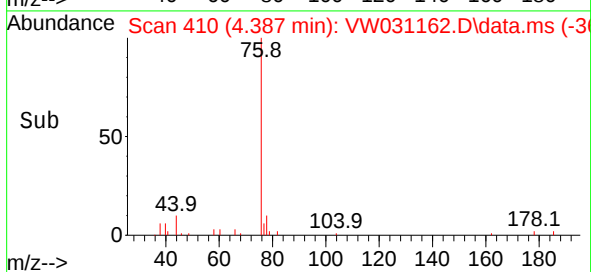
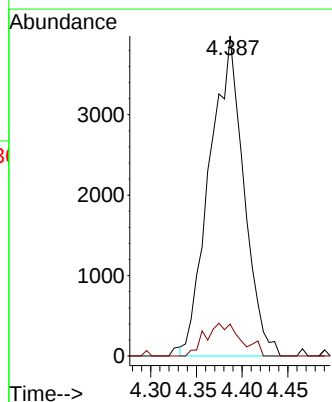
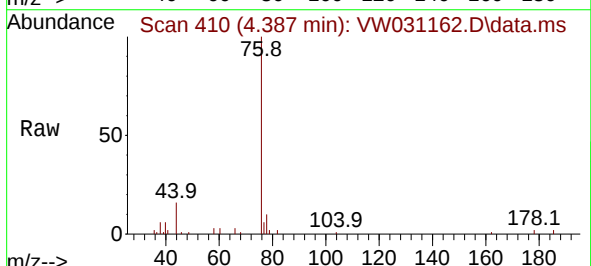
Acq: 09 Dec 2024 15:13

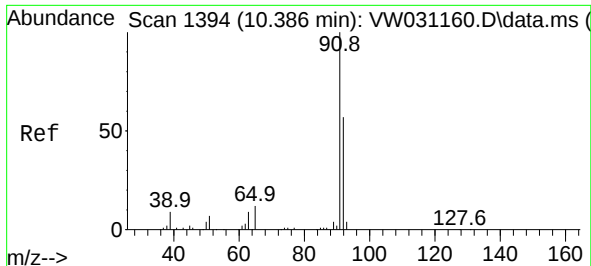
Tgt Ion: 76 Resp: 10361

Ion Ratio Lower Upper

76 100

78 10.0 7.4 11.2





#42

Toluene

Concen: 0.433 ug/L

RT: 10.392 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW031162.D

Acq: 09 Dec 2024 15:13

Instrument :

MSVOA_W

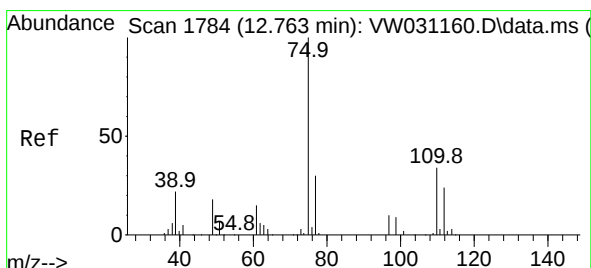
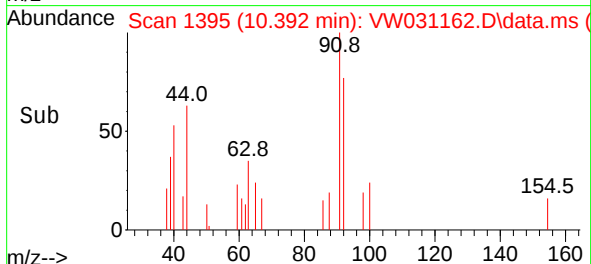
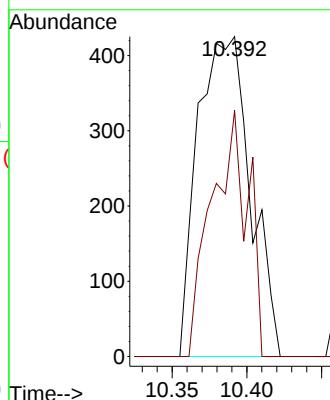
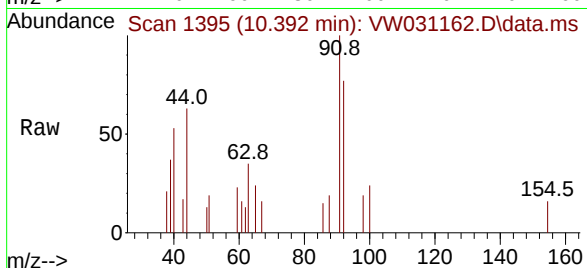
ClientSampleId :

Tgt Ion: 91 Resp: 1040

Ion Ratio Lower Upper

91 100

92 76.9 40.8 75.8#



#61

1,2,3-Trichloropropane

Concen: 0.571 ug/L

RT: 12.958 min Scan# 1816

Delta R.T. 0.195 min

Lab File: VW031162.D

Acq: 09 Dec 2024 15:13

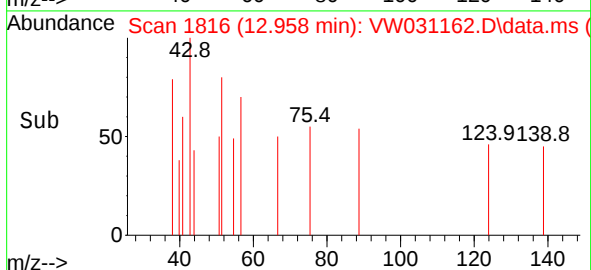
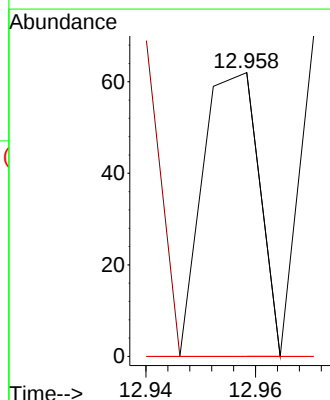
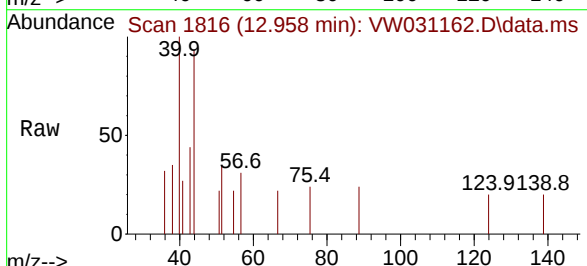
Tgt Ion: 75 Resp: 44

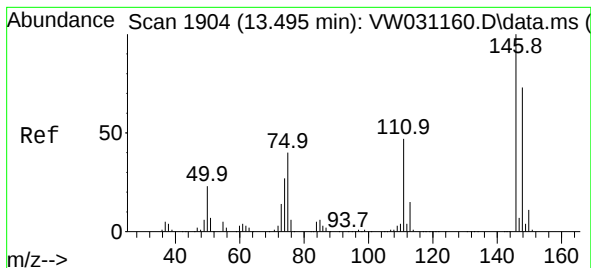
Ion Ratio Lower Upper

75 100

77 147.7 25.4 38.2#

110 0.0 33.1 49.7#





#64

1,3-Dichlorobenzene

Concen: 0.420 ug/L

RT: 13.489 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VW031162.D

Acq: 09 Dec 2024 15:13

Instrument :

MSVOA_W

ClientSampleId :

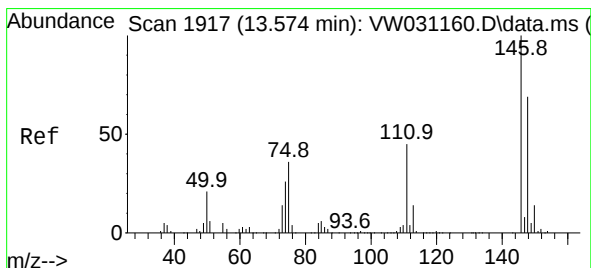
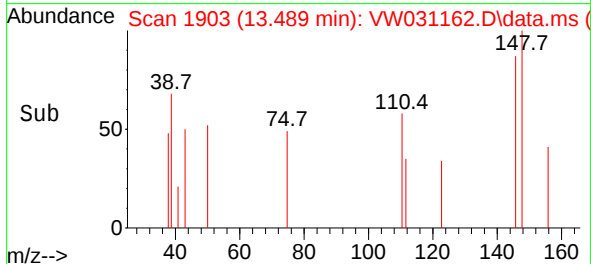
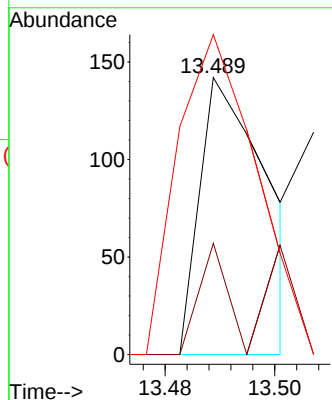
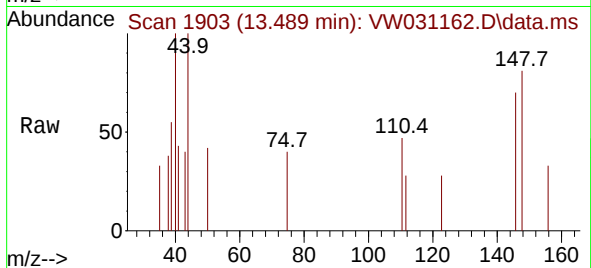
Tgt Ion:146 Resp: 122

Ion Ratio Lower Upper

146 100

111 40.1 28.5 52.9

148 115.5 44.1 81.9#



#65

1,4-Dichlorobenzene

Concen: 0.859 ug/L

RT: 13.586 min Scan# 1919

Delta R.T. 0.012 min

Lab File: VW031162.D

Acq: 09 Dec 2024 15:13

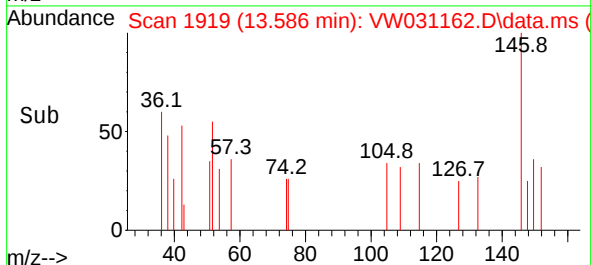
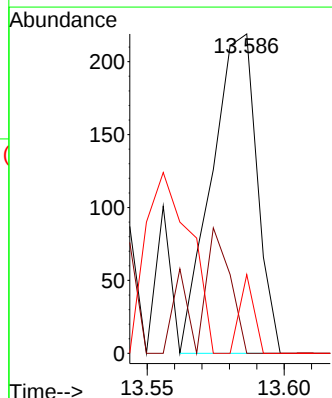
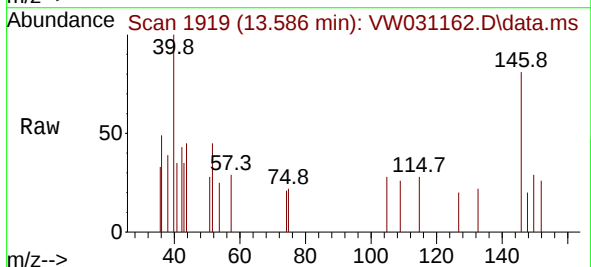
Tgt Ion:146 Resp: 252

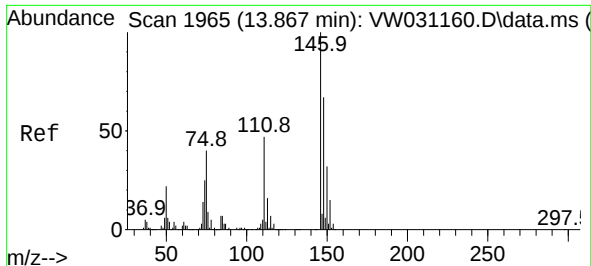
Ion Ratio Lower Upper

146 100

111 0.0 26.6 49.4#

148 24.7 42.1 78.1#

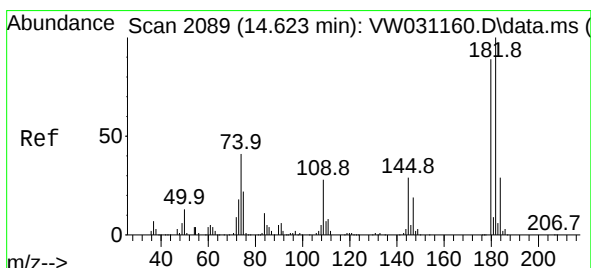
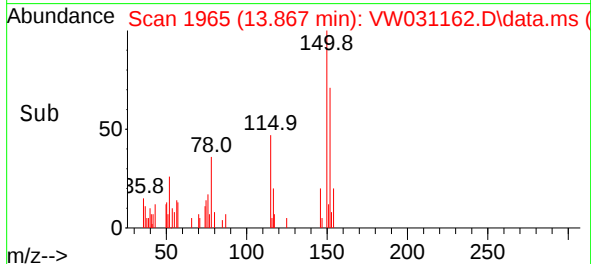
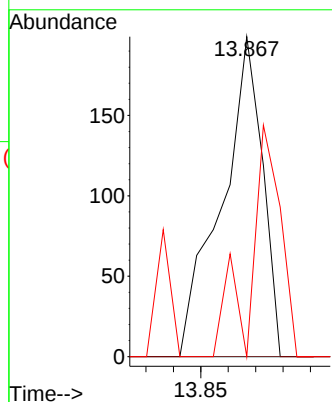
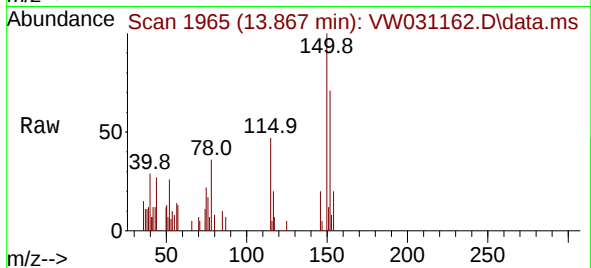




#67
1,2-Dichlorobenzene
Concen: 0.815 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW031162.D
Acq: 09 Dec 2024 15:13

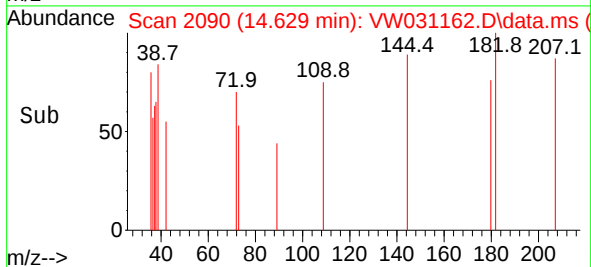
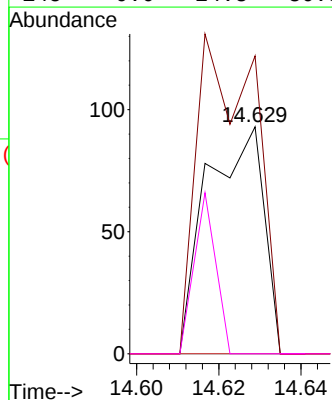
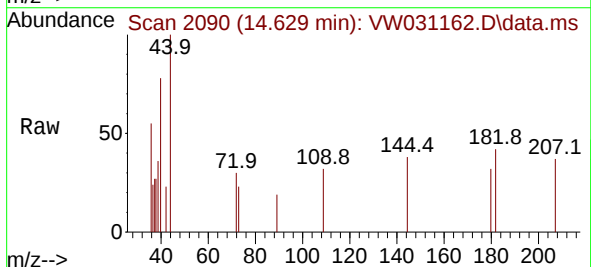
Instrument :
MSVOA_W
ClientSampleId :

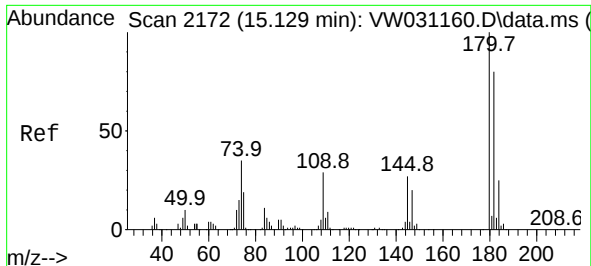
Tgt Ion:146 Resp: 207
Ion Ratio Lower Upper
146 100
111 0.0 30.9 46.3#
148 0.0 50.0 75.0#



#69
1,3,5-Trichlorobenzene
Concen: 0.451 ug/L
RT: 14.629 min Scan# 2090
Delta R.T. 0.006 min
Lab File: VW031162.D
Acq: 09 Dec 2024 15:13

Tgt Ion:180 Resp: 89
Ion Ratio Lower Upper
180 100
182 142.7 78.2 117.2#
184 0.0 24.0 36.0#
145 0.0 24.3 36.5#





#70

1,2,4-trichlorobenzene

Concen: 0.750 ug/L

RT: 15.117 min Scan# 2170

Delta R.T. -0.012 min

Lab File: VW031162.D

Acq: 09 Dec 2024 15:13

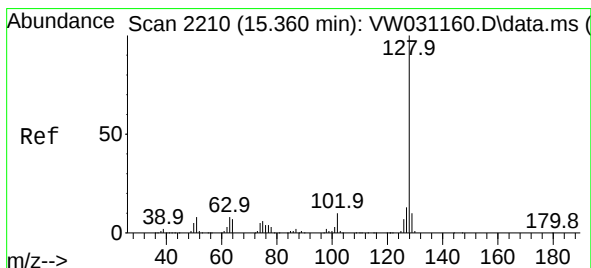
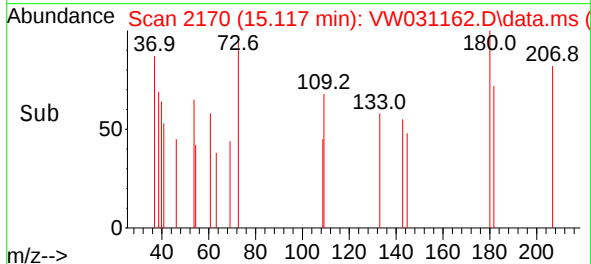
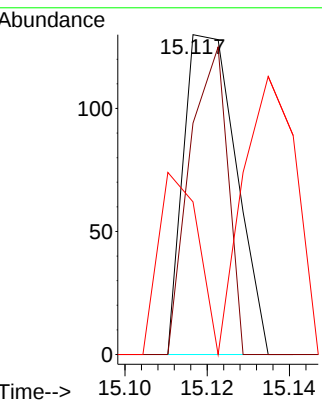
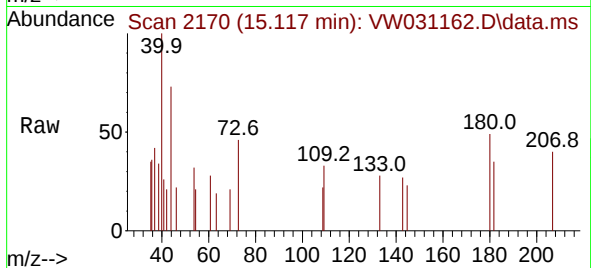
Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 116

Ion	Ratio	Lower	Upper
180	100		
182	69.0	76.1	114.1#
145	43.1	25.7	38.5#



#71

Naphthalene

Concen: 1.725 ug/L

RT: 15.360 min Scan# 2210

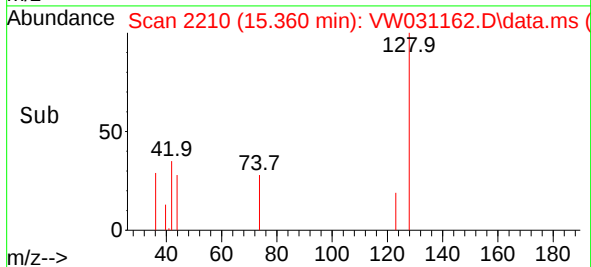
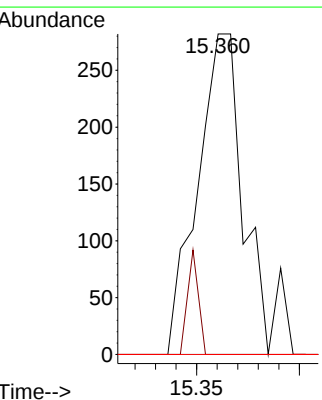
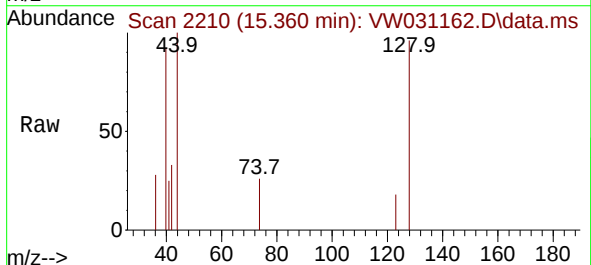
Delta R.T. 0.000 min

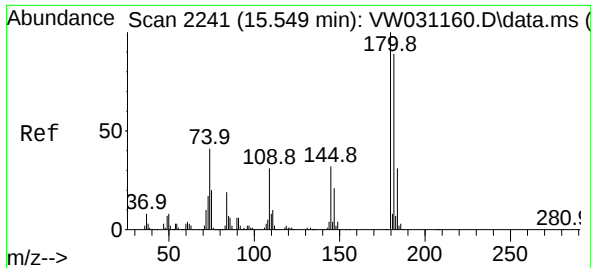
Lab File: VW031162.D

Acq: 09 Dec 2024 15:13

Tgt Ion:128 Resp: 430

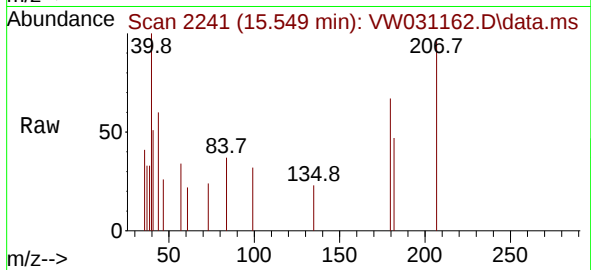
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.4	15.6#
129	0.0	8.3	12.5#





#72
 1,2,3-Trichlorobenzene
 Concen: 0.657 ug/L
 RT: 15.549 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW031162.D
 Acq: 09 Dec 2024 15:13

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	180	Resp:	87
Ion Ratio	Lower	Upper	
180	100		
182	106.9	78.7	118.1
145	0.0	26.3	39.5#

