

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121024\
 Data File : VW031198.D
 Acq On : 10 Dec 2024 17:54
 Operator : SY/MD
 Sample : P5155-03
 Misc : 3.09g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 11 00:33:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 11 00:26:57 2024
 Response via : Initial Calibration

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

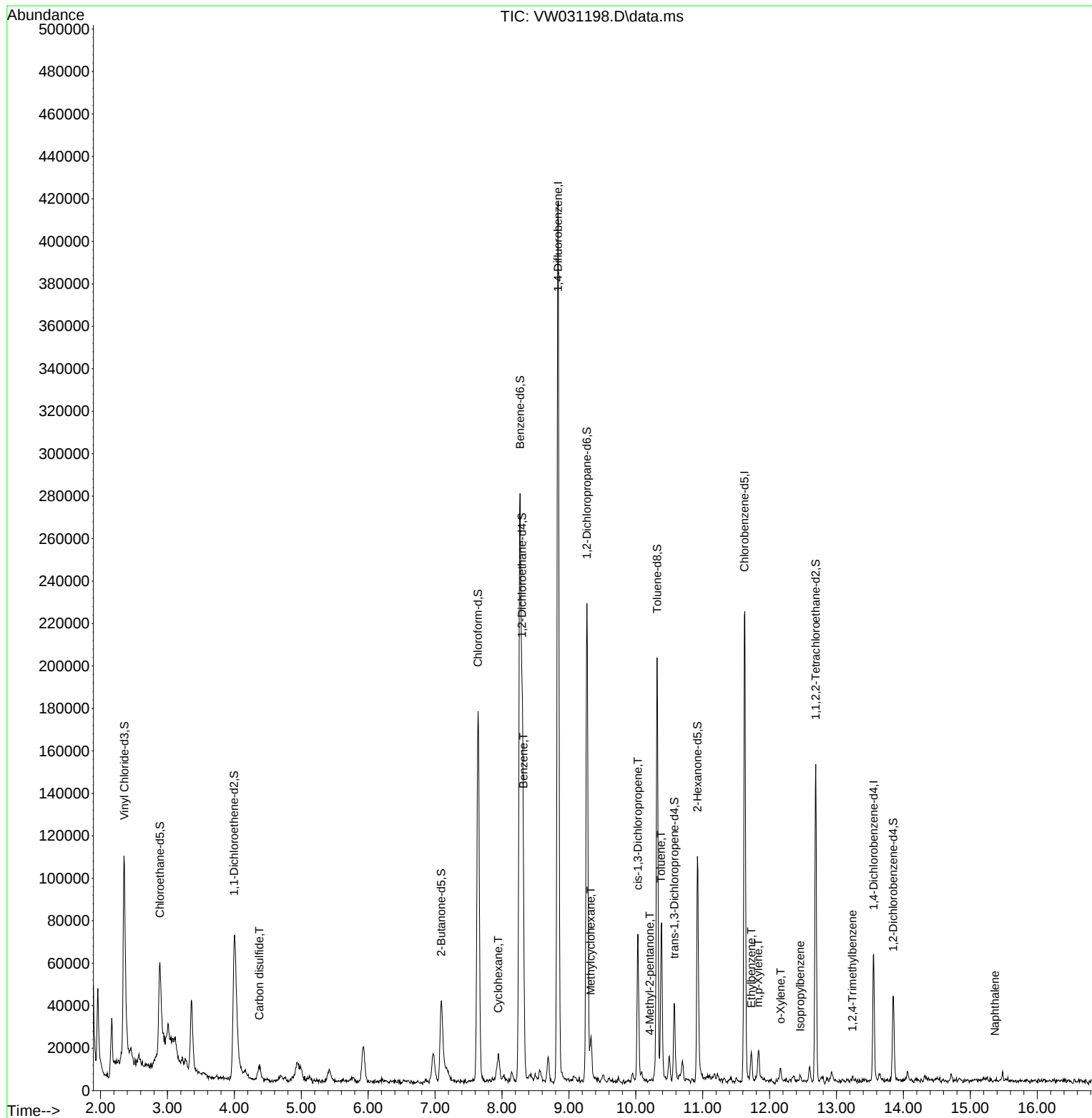
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	310158	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.623	117	112798	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	14328	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	87782	18.391	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.560%
7) Chloroethane-d5	2.887	69	65358	17.649	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.600%
11) 1,1-Dichloroethene-d2	3.997	65	31890	14.644	ug/L	-0.02
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.560%
21) 2-Butanone-d5	7.094	46	72388	86.719	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	173.440%#
24) Chloroform-d	7.642	84	180298	19.848	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.400%
26) 1,2-Dichloroethane-d4	8.301	65	114099	25.525	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.120%
32) Benzene-d6	8.270	84	267029	38.517	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	154.080%#
36) 1,2-Dichloropropane-d6	9.270	67	107126	52.751	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	211.000%#
41) Toluene-d8	10.319	98	121134	19.361	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.440%
43) trans-1,3-Dichloroprop...	10.575	79	20653	25.261	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.040%
47) 2-Hexanone-d5	10.922	63	33912	142.533	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	285.060%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	75290	54.935	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	219.720%#
66) 1,2-Dichlorobenzene-d4	13.848	152	9101	17.883	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	71.520%#
Target Compounds						
					Qvalue	
14) Carbon disulfide	4.375	76	10426	0.722	ug/L	# 93
29) Cyclohexane	7.941	56	1463	0.515	ug/L	# 1
33) Benzene	8.319	78	50079	6.565	ug/L	100
35) Methylcyclohexane	9.325	83	6377	1.905	ug/L	# 87
39) cis-1,3-Dichloropropene	10.032	75	2059	0.719	ug/L	87
40) 4-Methyl-2-pentanone	10.209	43	844	0.993	ug/L	# 63
42) Toluene	10.380	91	52772	6.568	ug/L	90
52) Ethylbenzene	11.727	91	7698	0.845	ug/L	99
53) m,p-Xylene	11.831	106	2581	0.762	ug/L	65
54) o-Xylene	12.166	106	1455	0.462	ug/L	68
60) Isopropylbenzene	12.458	105	1069	0.462	ug/L	# 74
63) 1,2,4-Trimethylbenzene	13.239	105	1327	0.742	ug/L	98
71) Naphthalene	15.366	128	597	0.690	ug/L	98

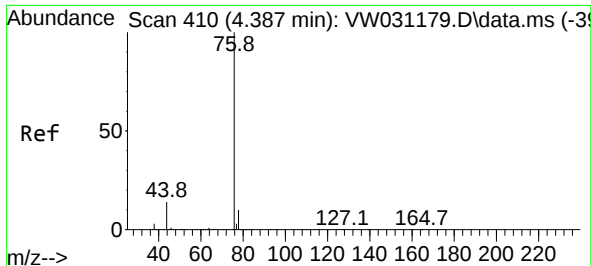
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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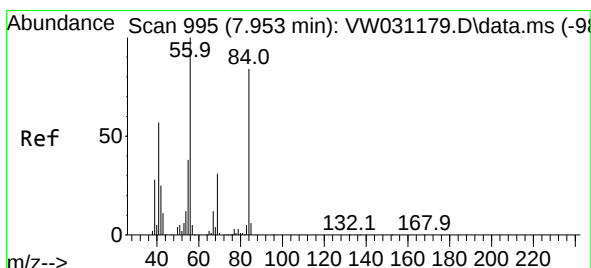
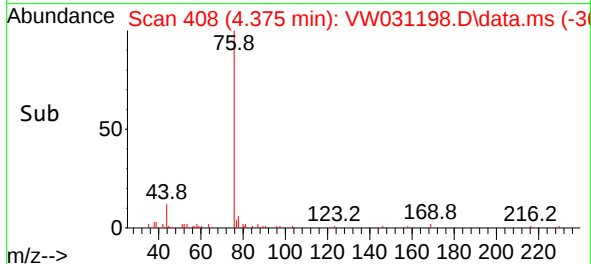
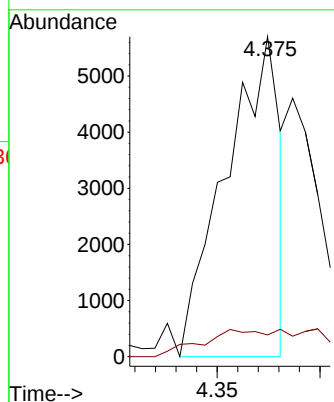
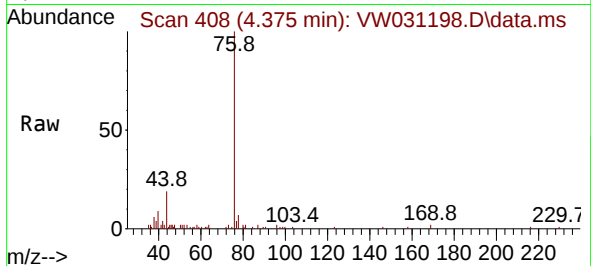




#14
Carbon disulfide
Concen: 0.722 ug/L
RT: 4.375 min Scan# 408
Delta R.T. -0.012 min
Lab File: VW031198.D
Acq: 10 Dec 2024 17:54

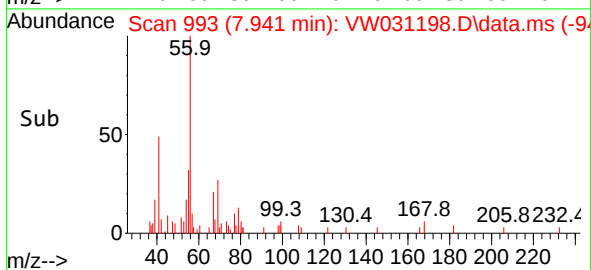
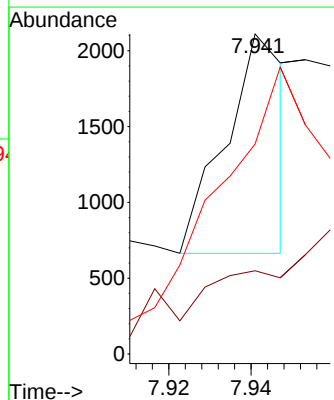
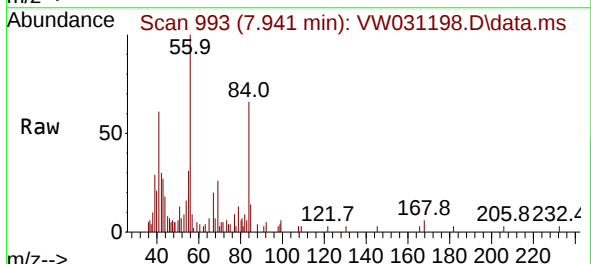
Instrument :
MSVOA_W
ClientSampleId :

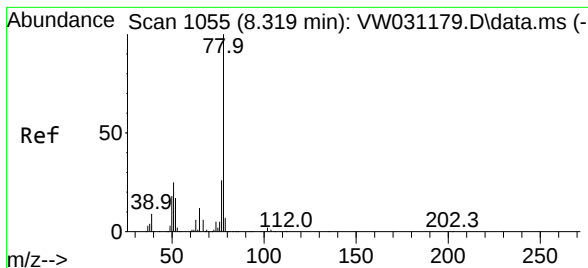
Tgt Ion: 76 Resp: 10426
Ion Ratio Lower Upper
76 100
78 6.8 7.4 11.2#



#29
Cyclohexane
Concen: 0.515 ug/L
RT: 7.941 min Scan# 993
Delta R.T. -0.012 min
Lab File: VW031198.D
Acq: 10 Dec 2024 17:54

Tgt Ion: 56 Resp: 1463
Ion Ratio Lower Upper
56 100
69 41.0 25.4 38.2#
84 288.6 71.1 106.7#





#33

Benzene

Concen: 6.565 ug/L

RT: 8.319 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VW031198.D

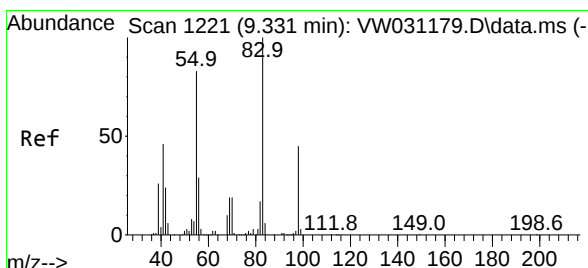
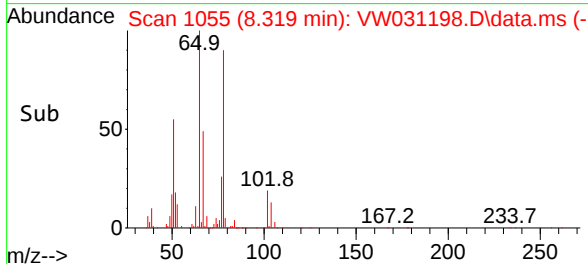
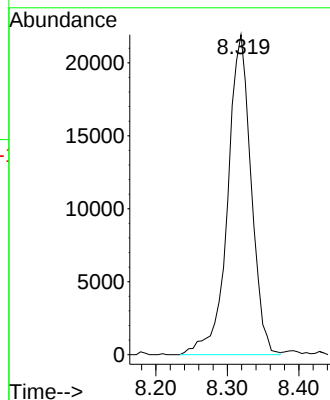
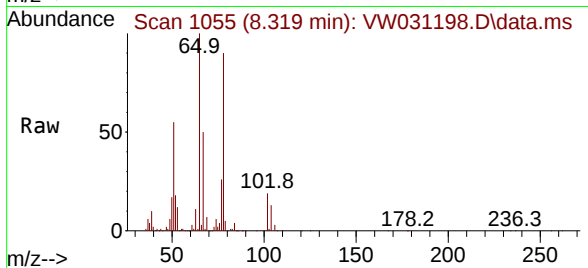
Acq: 10 Dec 2024 17:54

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 78 Resp: 50079



#35

Methylcyclohexane

Concen: 1.905 ug/L

RT: 9.325 min Scan# 1220

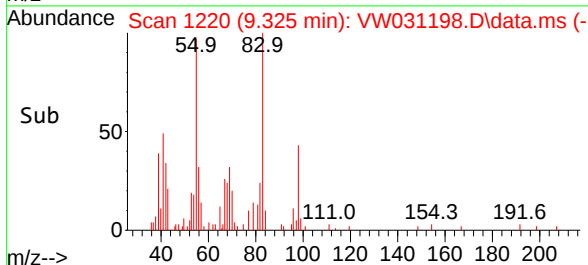
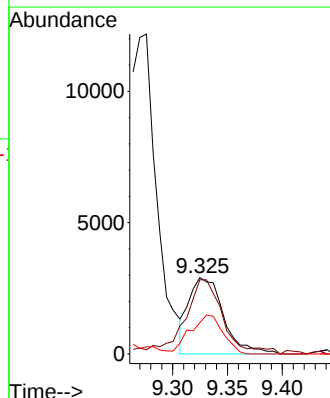
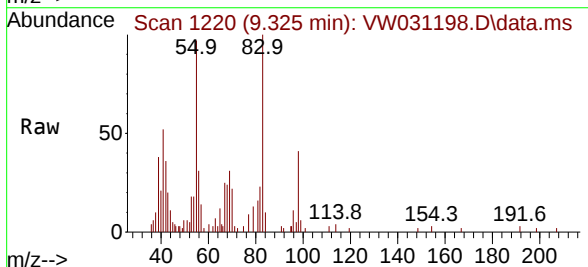
Delta R.T. -0.006 min

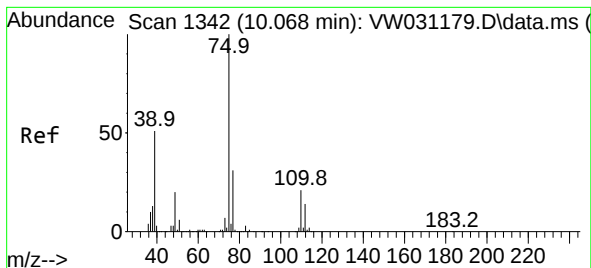
Lab File: VW031198.D

Acq: 10 Dec 2024 17:54

Tgt Ion: 83 Resp: 6377

Ion	Ratio	Lower	Upper
83	100		
55	92.1	59.5	89.3
98	47.6	38.7	58.1

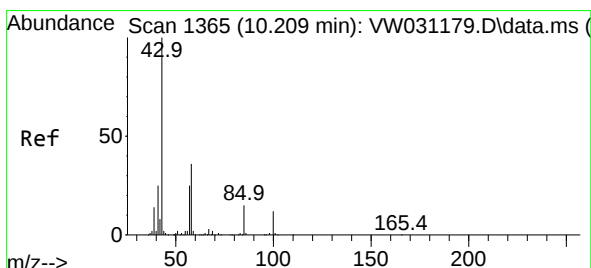
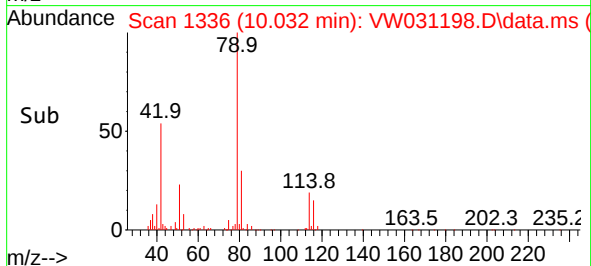
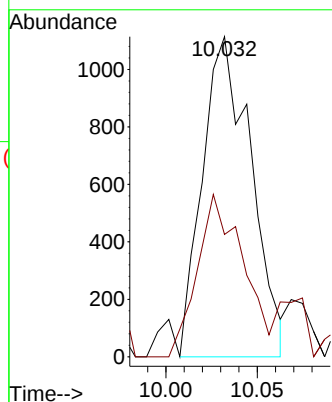
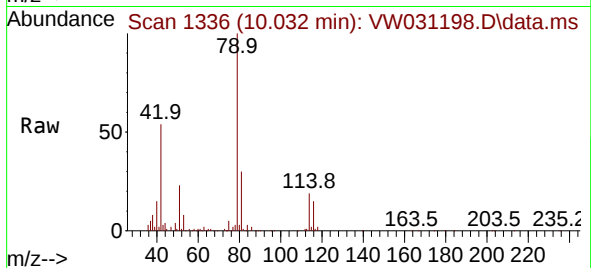




#39
cis-1,3-Dichloropropene
Concen: 0.719 ug/L
RT: 10.032 min Scan# 11
Delta R.T. -0.036 min
Lab File: VW031198.D
Acq: 10 Dec 2024 17:54

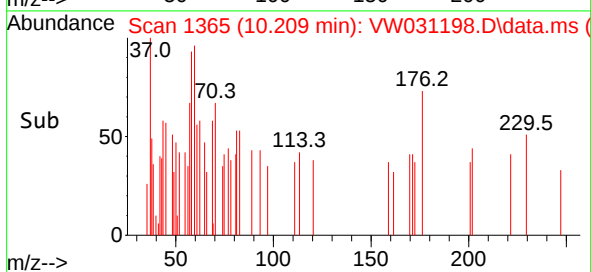
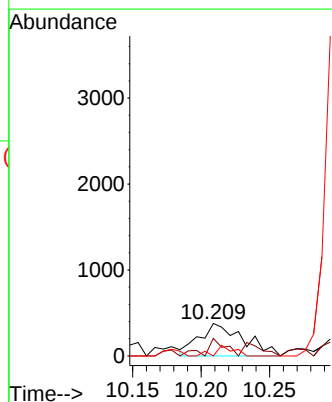
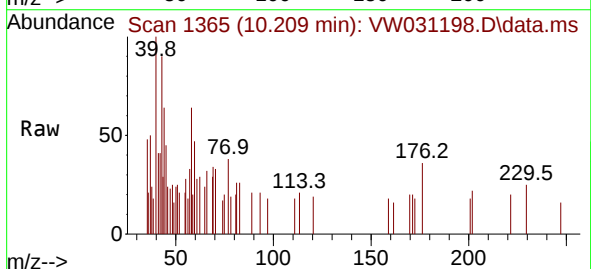
Instrument :
MSVOA_W
ClientSampleId :

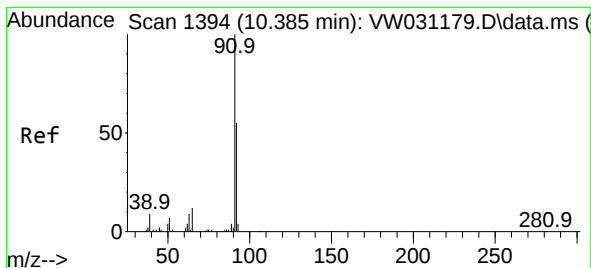
Tgt Ion: 75 Resp: 2059
Ion Ratio Lower Upper
75 100
77 38.2 21.6 40.2



#40
4-Methyl-2-pentanone
Concen: 0.993 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. 0.000 min
Lab File: VW031198.D
Acq: 10 Dec 2024 17:54

Tgt Ion: 43 Resp: 844
Ion Ratio Lower Upper
43 100
58 18.1 33.7 50.5#
100 2.4 14.2 21.2#





#42

Toluene

Concen: 6.568 ug/L

RT: 10.380 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW031198.D

Acq: 10 Dec 2024 17:54

Instrument :

MSVOA_W

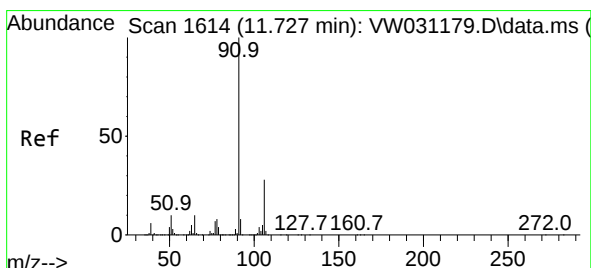
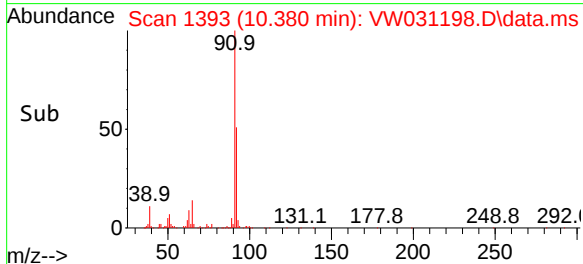
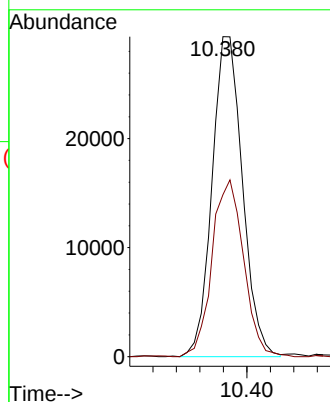
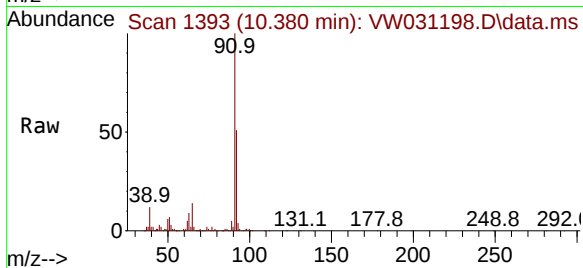
ClientSampleId :

Tgt Ion: 91 Resp: 52772

Ion Ratio Lower Upper

91 100

92 50.6 40.8 75.8



#52

Ethylbenzene

Concen: 0.845 ug/L

RT: 11.727 min Scan# 1614

Delta R.T. 0.000 min

Lab File: VW031198.D

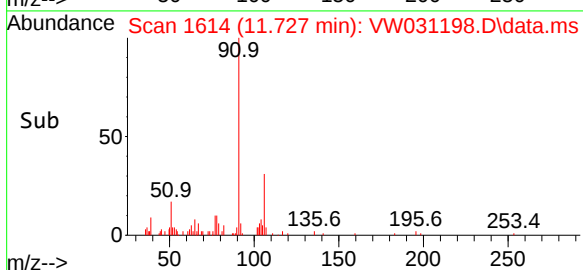
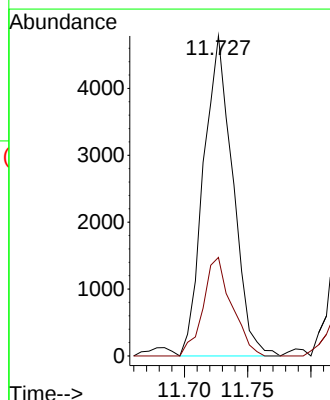
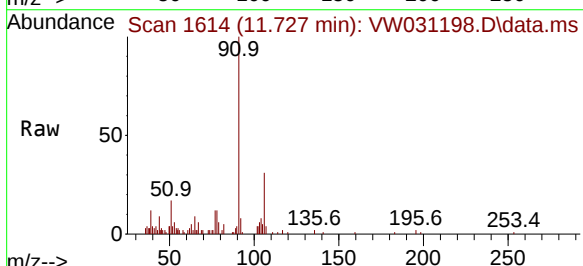
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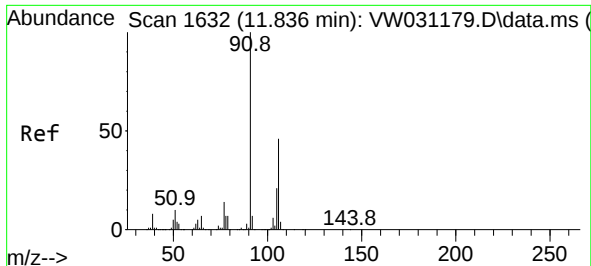
Tgt Ion: 91 Resp: 7698

Ion Ratio Lower Upper

91 100

106 30.8 21.3 39.5





#53

m,p-Xylene

Concen: 0.762 ug/L

RT: 11.831 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW031198.D

Acq: 10 Dec 2024 17:54

Instrument :

MSVOA_W

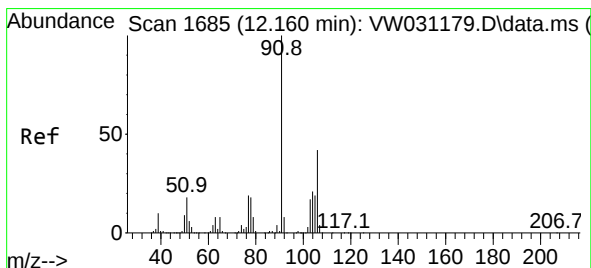
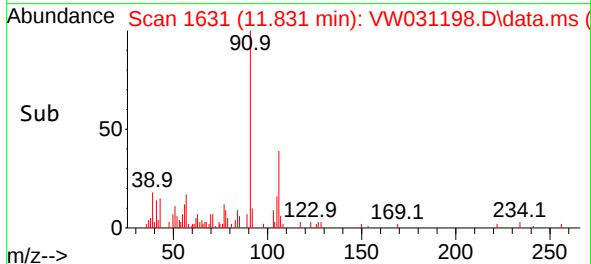
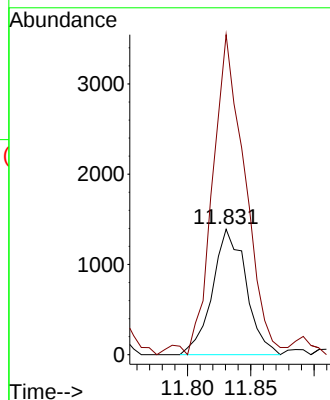
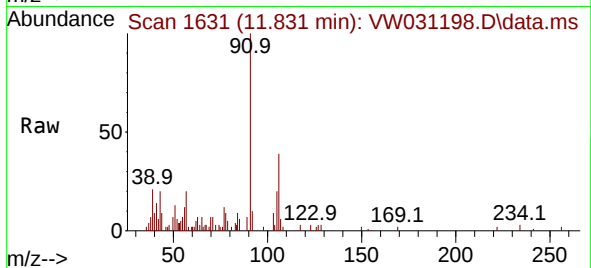
ClientSampleId :

Tgt Ion:106 Resp: 2581

Ion Ratio Lower Upper

106 100

91 254.9 140.9 261.7



#54

o-Xylene

Concen: 0.462 ug/L

RT: 12.166 min Scan# 1686

Delta R.T. 0.006 min

Lab File: VW031198.D

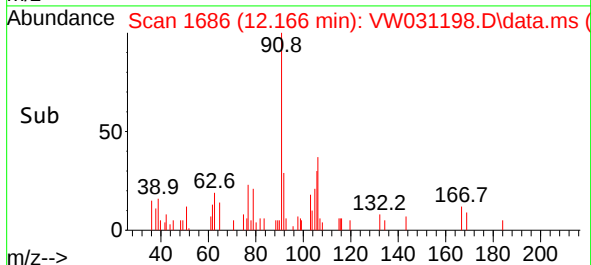
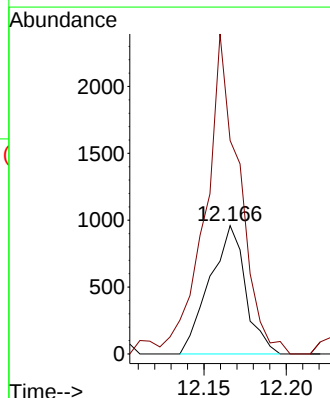
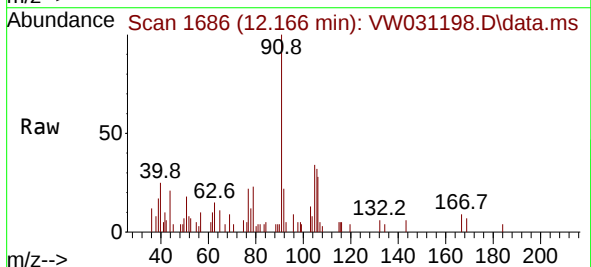
Acq: 10 Dec 2024 17:54

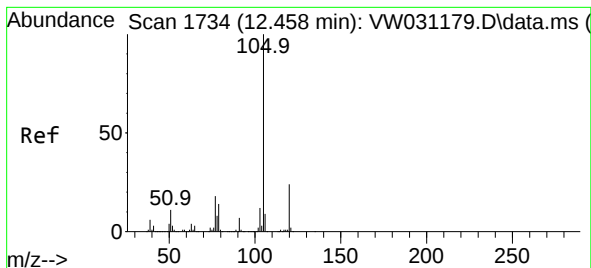
Tgt Ion:106 Resp: 1455

Ion Ratio Lower Upper

106 100

91 166.3 152.7 283.5





#60

Isopropylbenzene

Concen: 0.462 ug/L

RT: 12.458 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031198.D

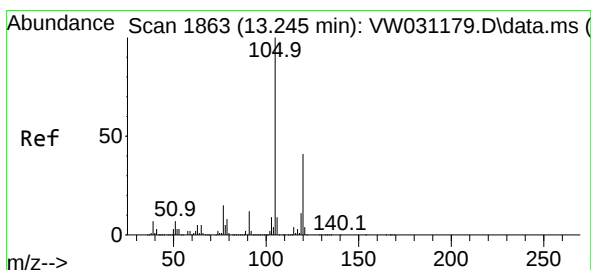
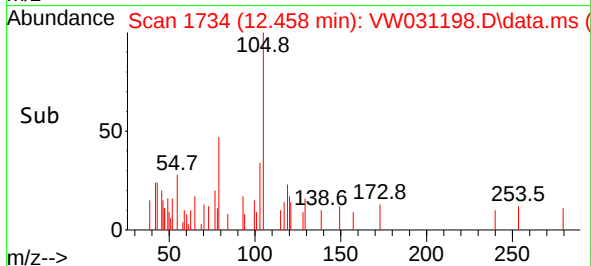
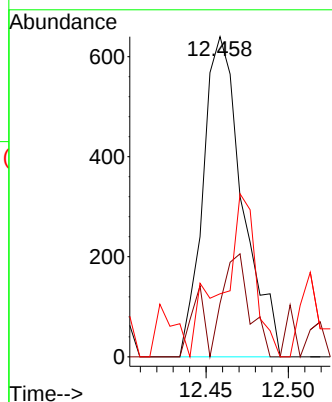
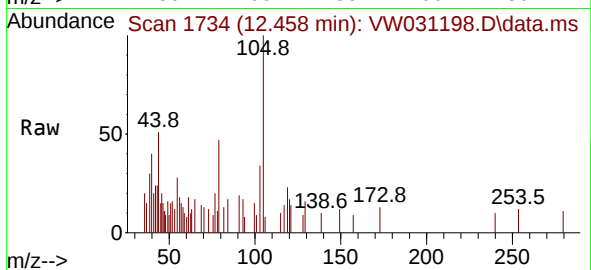
Acq: 10 Dec 2024 17:54

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	105	Resp:	1069
Ion	Ratio	Lower	Upper
105	100		
120	7.4	21.5	32.3#
77	13.4	12.3	18.5



#63

1,2,4-Trimethylbenzene

Concen: 0.742 ug/L

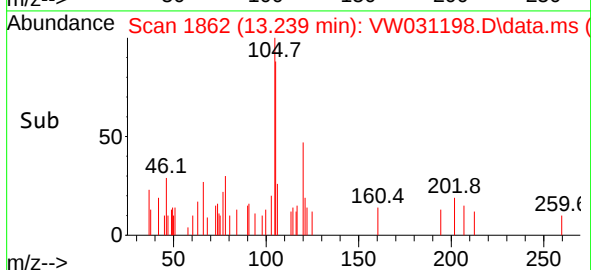
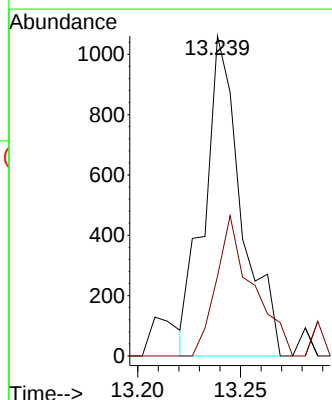
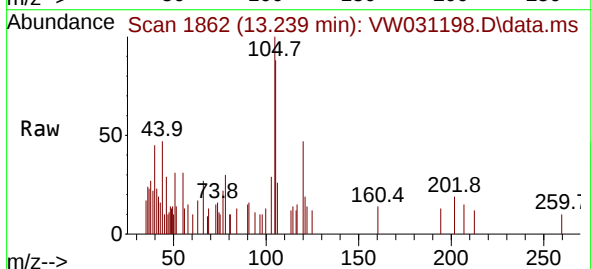
RT: 13.239 min Scan# 1862

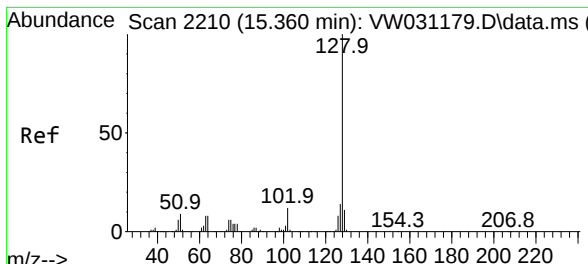
Delta R.T. -0.006 min

Lab File: VW031198.D

Acq: 10 Dec 2024 17:54

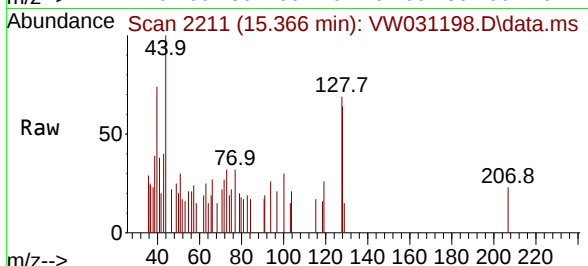
Tgt Ion:	105	Resp:	1327
Ion	Ratio	Lower	Upper
105	100		
120	43.2	35.4	53.0





#71
 Naphthalene
 Concen: 0.690 ug/L
 RT: 15.366 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW031198.D
 Acq: 10 Dec 2024 17:54

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:128 Resp: 597

Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.4	15.6
129	11.6	8.3	12.5

