

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121024\
 Data File : VW031194.D
 Acq On : 10 Dec 2024 16:18
 Operator : SY/MD
 Sample : P5153-05
 Misc : 3.68g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 11 00:31:45 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)

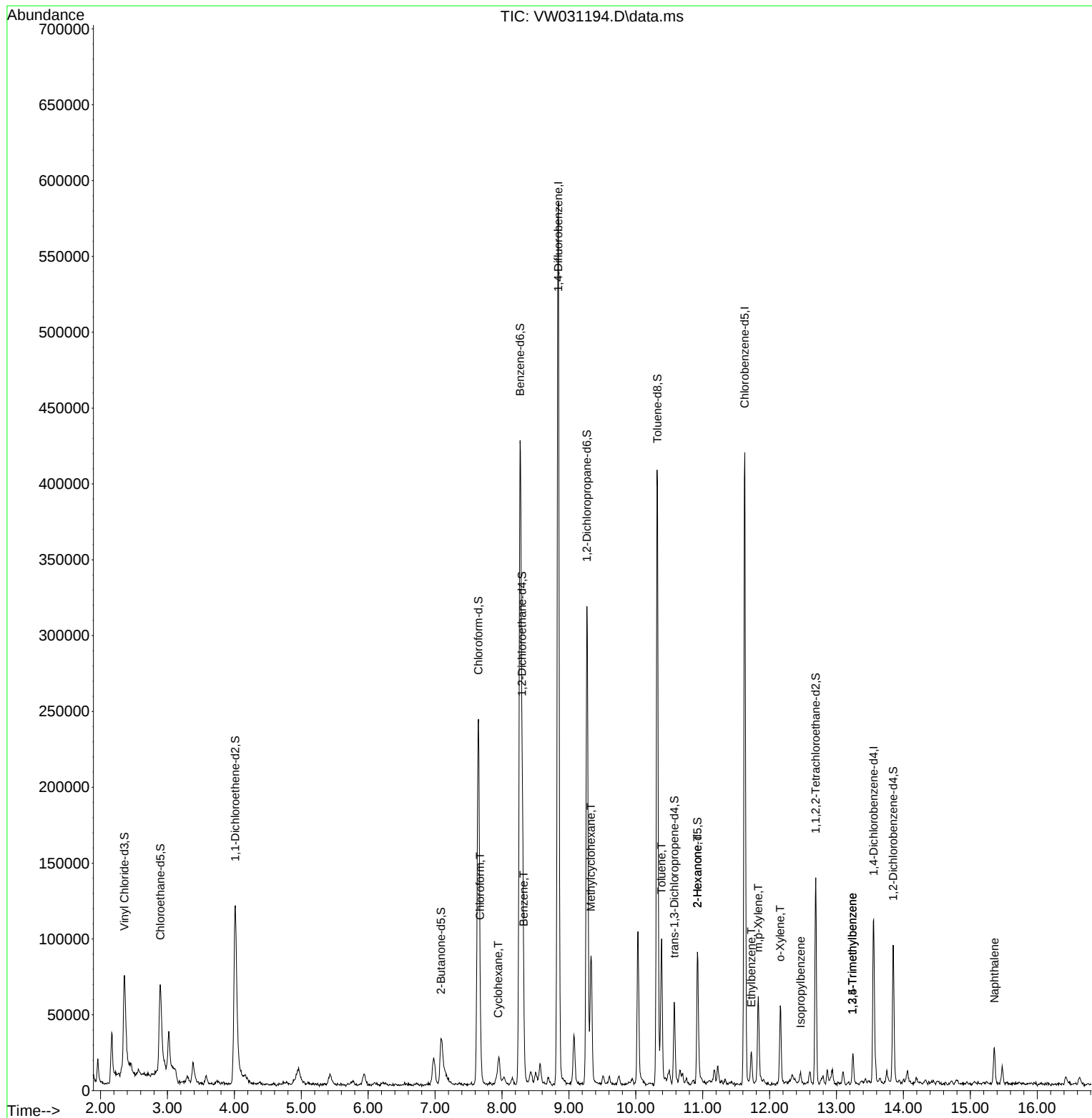
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	445487	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.629	117	210193	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	25740	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	100308	14.632	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.520%
7) Chloroethane-d5	2.893	69	96696	18.180	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.720%
11) 1,1-Dichloroethene-d2	4.015	65	46064	14.727	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.920%
21) 2-Butanone-d5	7.087	46	60657	50.591	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.180%
24) Chloroform-d	7.648	84	241836	18.535	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	74.120%
26) 1,2-Dichloroethane-d4	8.301	65	136717	21.294	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.160%
32) Benzene-d6	8.270	84	420118	32.520	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	130.080%
36) 1,2-Dichloropropane-d6	9.270	67	147940	39.094	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	156.360%#
41) Toluene-d8	10.325	98	254798	21.855	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.400%
43) trans-1,3-Dichloroprop...	10.575	79	29103	19.102	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.400%
47) 2-Hexanone-d5	10.922	63	27990	63.132	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.260%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	67268	26.339	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.360%
66) 1,2-Dichlorobenzene-d4	13.848	152	21085	23.062	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.240%
Target Compounds						Qvalue
25) Chloroform	7.673	83	17821	1.385	ug/L	94
29) Cyclohexane	7.941	56	3468	0.655	ug/L	# 26
33) Benzene	8.325	78	16655	1.172	ug/L	100
35) Methylcyclohexane	9.331	83	29743	4.767	ug/L	# 84
42) Toluene	10.386	91	65272	4.359	ug/L	99
48) 2-Hexanone	10.922	43	5053	3.527	ug/L	# 66
52) Ethylbenzene	11.727	91	11880	0.700	ug/L	93
53) m,p-Xylene	11.830	106	14262	2.258	ug/L	75
54) o-Xylene	12.160	106	11946	2.033	ug/L	76
60) Isopropylbenzene	12.464	105	4256	1.024	ug/L	# 90
62) 1,3,5-Trimethylbenzene	13.239	105	9973	3.048	ug/L	87
63) 1,2,4-Trimethylbenzene	13.239	105	9973	3.103	ug/L	96
71) Naphthalene	15.360	128	18921	12.165	ug/L	97

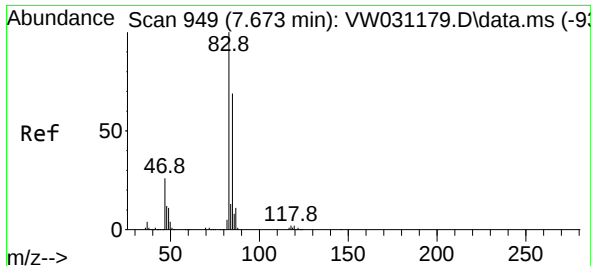
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

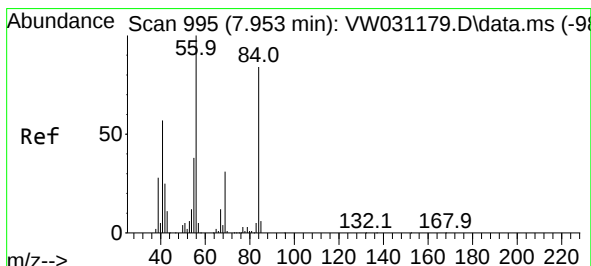
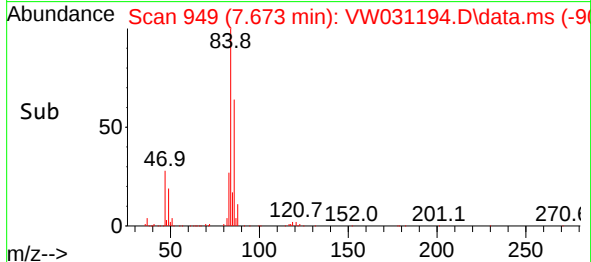
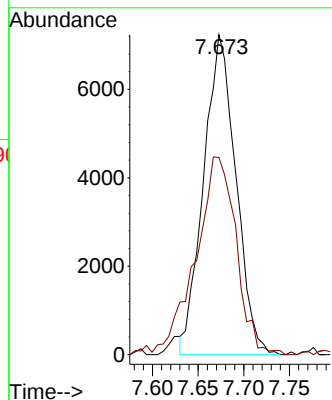
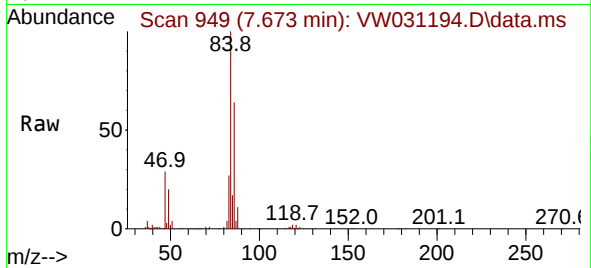




#25
Chloroform
Concen: 1.385 ug/L
RT: 7.673 min Scan# 949
Delta R.T. 0.000 min
Lab File: VW031194.D
Acq: 10 Dec 2024 16:18

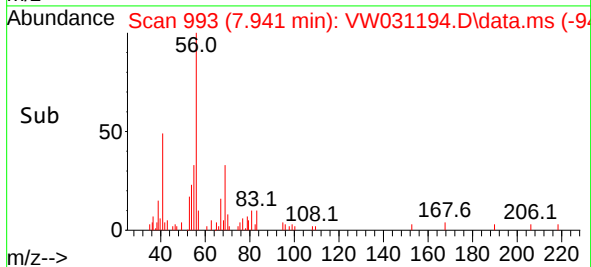
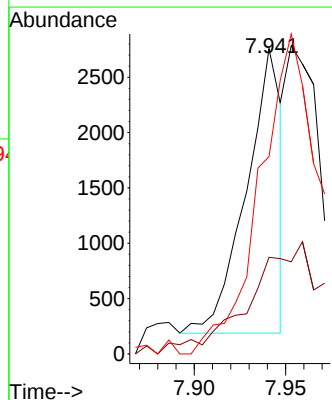
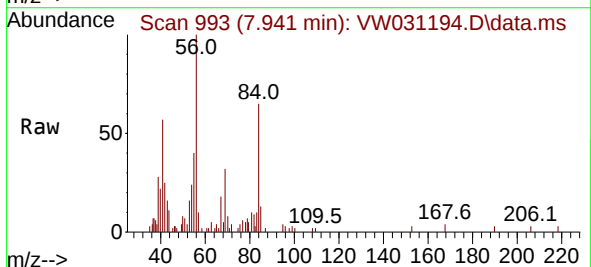
Instrument :
MSVOA_W
ClientSampleId :

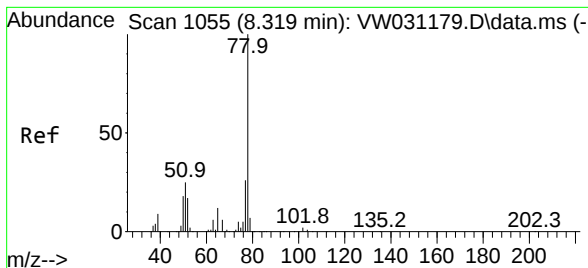
Tgt Ion: 83 Resp: 17821
Ion Ratio Lower Upper
83 100
85 61.7 46.5 86.3



#29
Cyclohexane
Concen: 0.655 ug/L
RT: 7.941 min Scan# 993
Delta R.T. -0.012 min
Lab File: VW031194.D
Acq: 10 Dec 2024 16:18

Tgt Ion: 56 Resp: 3468
Ion Ratio Lower Upper
56 100
69 39.6 25.4 38.2#
84 0.0 71.1 106.7#





#33

Benzene

Concen: 1.172 ug/L

RT: 8.325 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VW031194.D

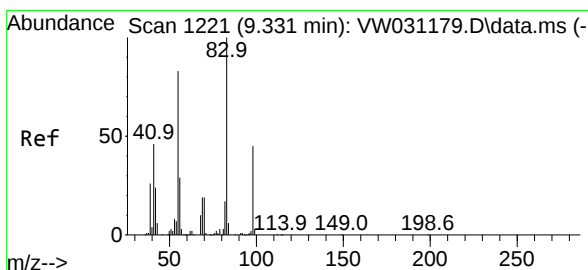
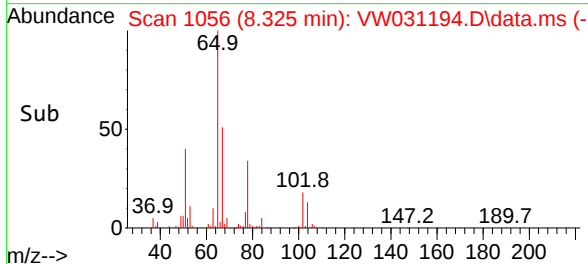
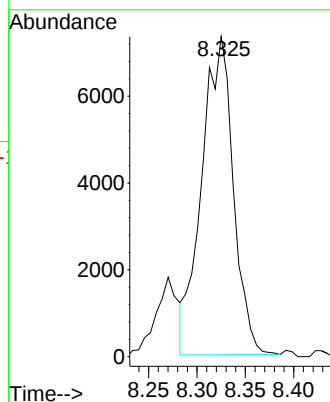
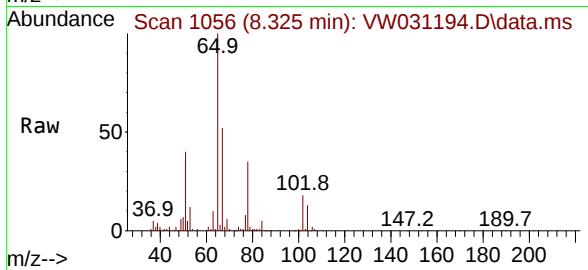
Acq: 10 Dec 2024 16:18

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 78 Resp: 16655



#35

Methylcyclohexane

Concen: 4.767 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. 0.000 min

Lab File: VW031194.D

Acq: 10 Dec 2024 16:18

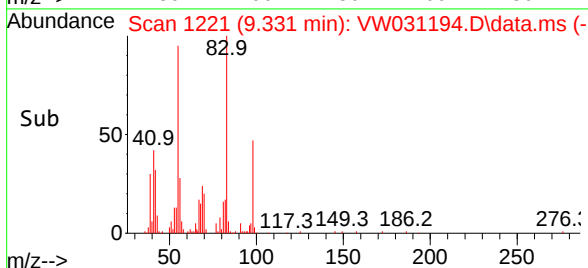
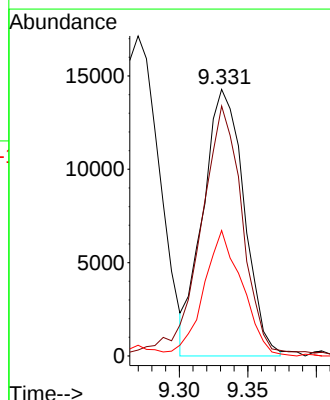
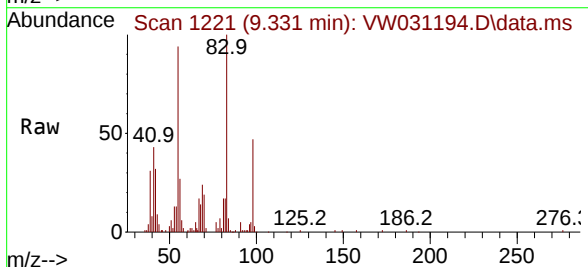
Tgt Ion: 83 Resp: 29743

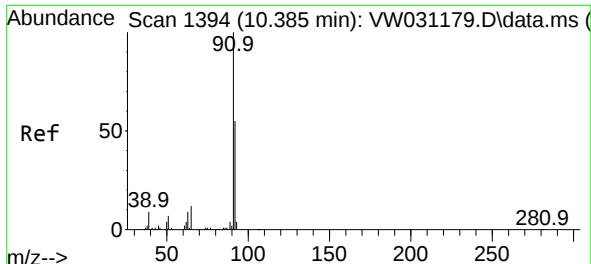
Ion Ratio Lower Upper

83 100

55 93.7 59.5 89.3#

98 44.2 38.7 58.1

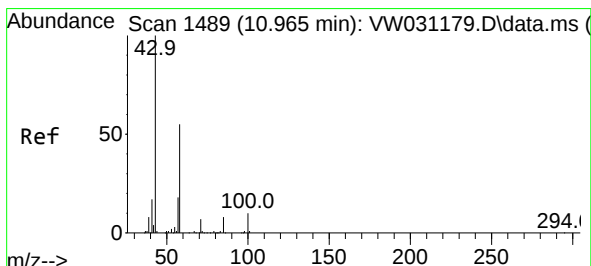
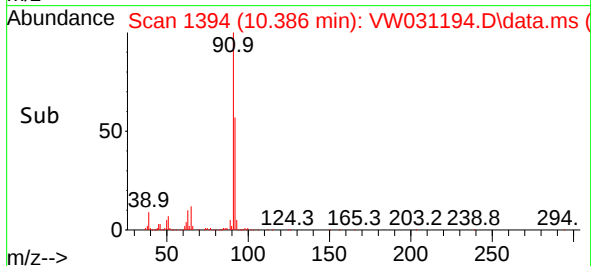
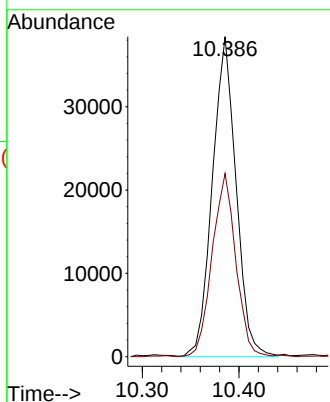
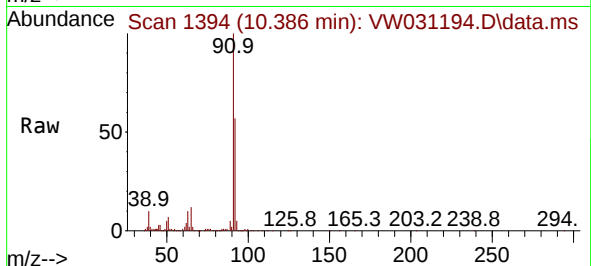




#42
Toluene
Concen: 4.359 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031194.D
Acq: 10 Dec 2024 16:18

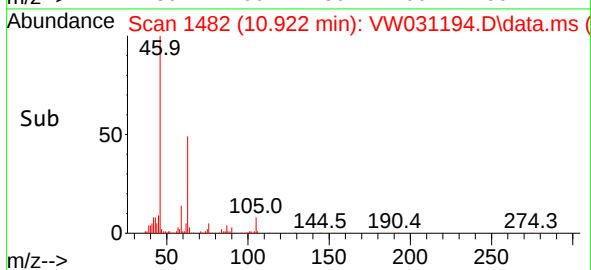
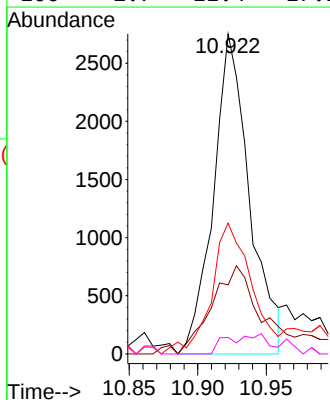
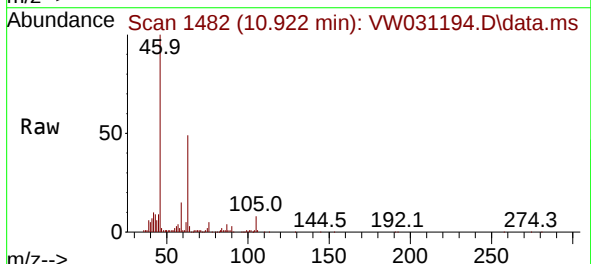
Instrument :
MSVOA_W
ClientSampleId :

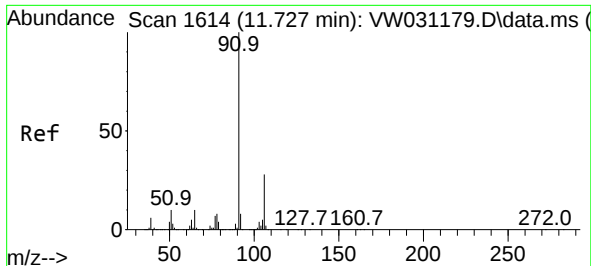
Tgt Ion: 91 Resp: 65272
Ion Ratio Lower Upper
91 100
92 57.3 40.8 75.8



#48
2-Hexanone
Concen: 3.527 ug/L
RT: 10.922 min Scan# 1482
Delta R.T. -0.043 min
Lab File: VW031194.D
Acq: 10 Dec 2024 16:18

Tgt Ion: 43 Resp: 5053
Ion Ratio Lower Upper
43 100
58 37.0 49.8 74.6#
57 39.4 16.6 24.8#
100 2.7 11.4 17.2#

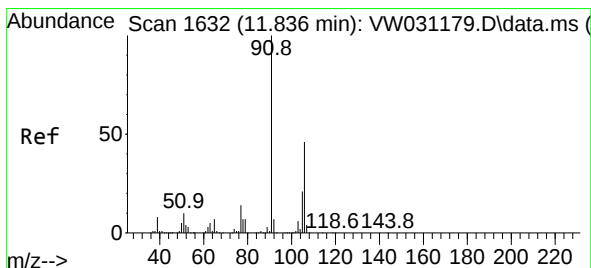
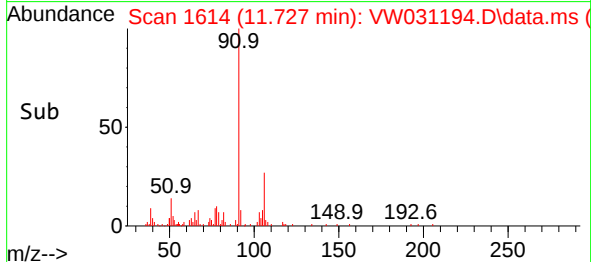
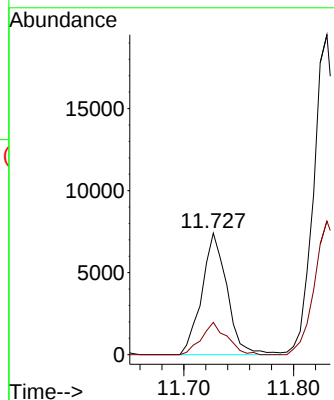
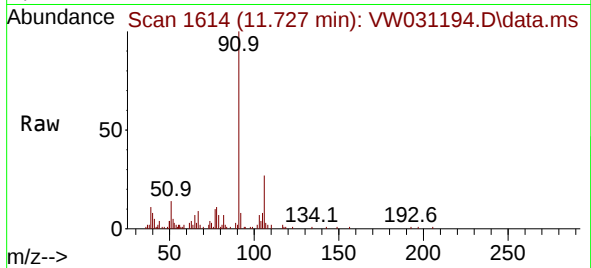




#52
Ethylbenzene
Concen: 0.700 ug/L
RT: 11.727 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031194.D
Acq: 10 Dec 2024 16:18

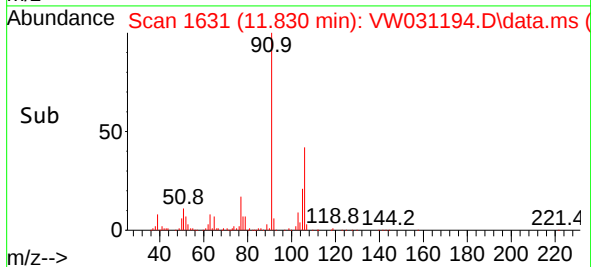
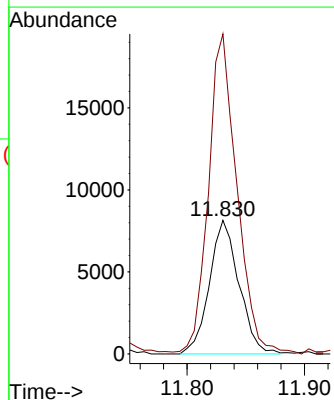
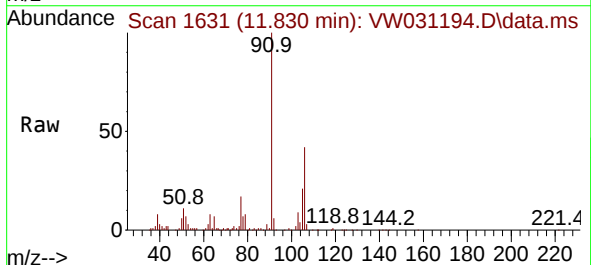
Instrument :
MSVOA_W
ClientSampleId :

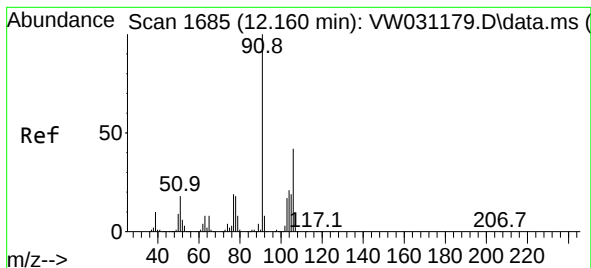
Tgt Ion: 91 Resp: 11880
Ion Ratio Lower Upper
91 100
106 26.6 21.3 39.5



#53
m,p-Xylene
Concen: 2.258 ug/L
RT: 11.830 min Scan# 1631
Delta R.T. -0.006 min
Lab File: VW031194.D
Acq: 10 Dec 2024 16:18

Tgt Ion:106 Resp: 14262
Ion Ratio Lower Upper
106 100
91 239.6 140.9 261.7





#54

o-Xylene

Concen: 2.033 ug/L

RT: 12.160 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031194.D

Acq: 10 Dec 2024 16:18

Instrument :

MSVOA_W

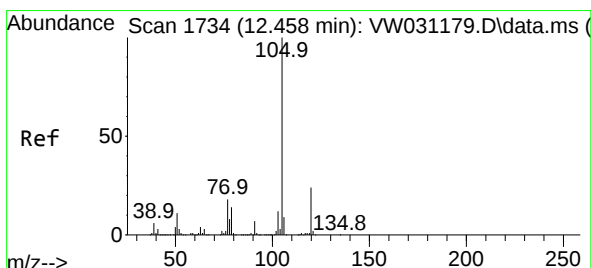
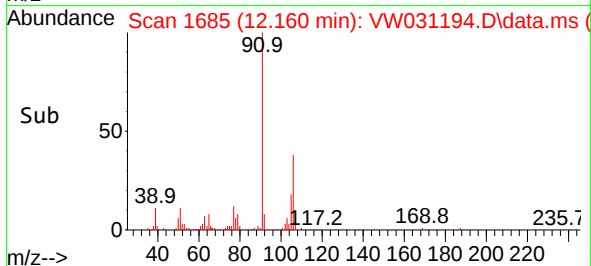
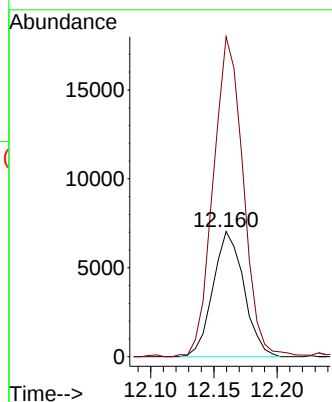
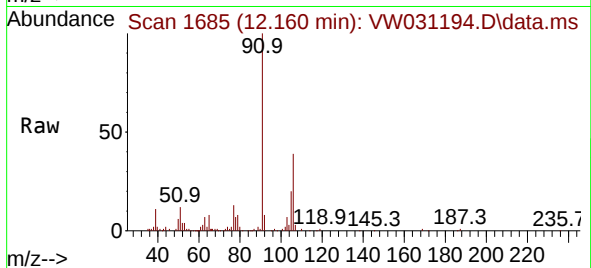
ClientSampleId :

Tgt Ion:106 Resp: 11946

Ion Ratio Lower Upper

106 100

91 255.8 152.7 283.5



#60

Isopropylbenzene

Concen: 1.024 ug/L

RT: 12.464 min Scan# 1735

Delta R.T. 0.006 min

Lab File: VW031194.D

Acq: 10 Dec 2024 16:18

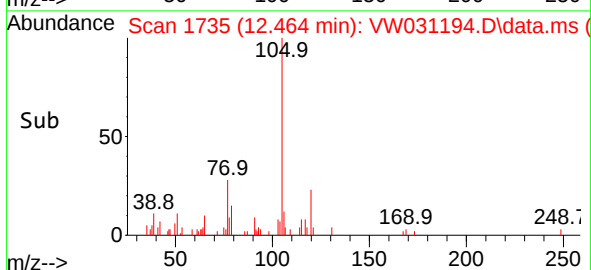
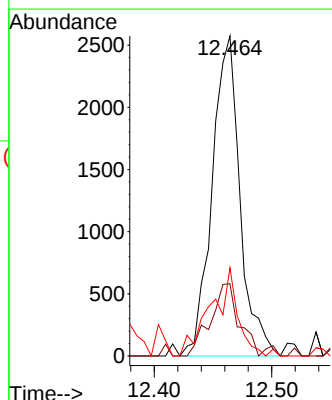
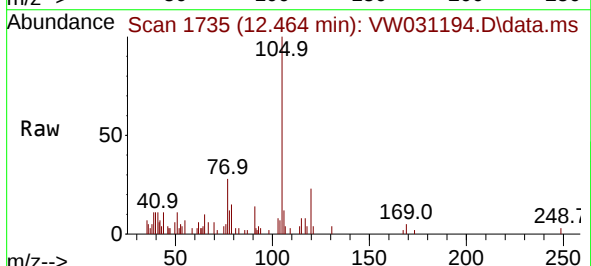
Tgt Ion:105 Resp: 4256

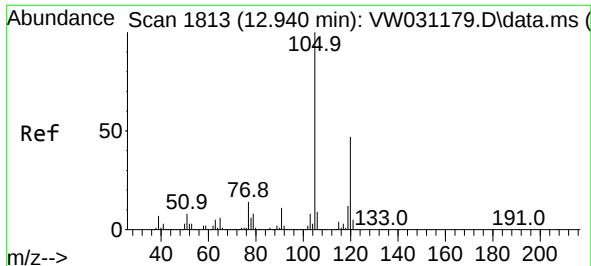
Ion Ratio Lower Upper

105 100

120 21.8 21.5 32.3

77 11.4 12.3 18.5#





#62

1,3,5-Trimethylbenzene

Concen: 3.048 ug/L

RT: 13.239 min Scan# 1862

Delta R.T. 0.299 min

Lab File: VW031194.D

Acq: 10 Dec 2024 16:18

Instrument :

MSVOA_W

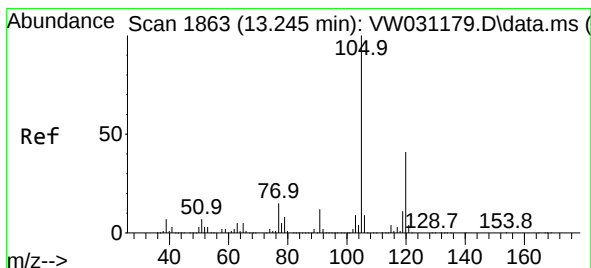
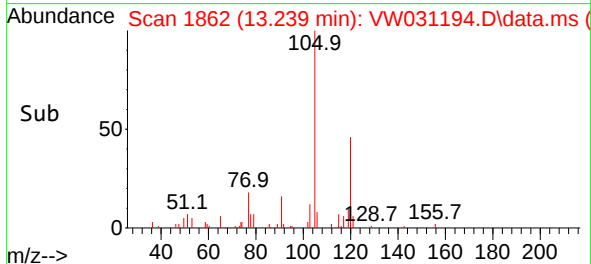
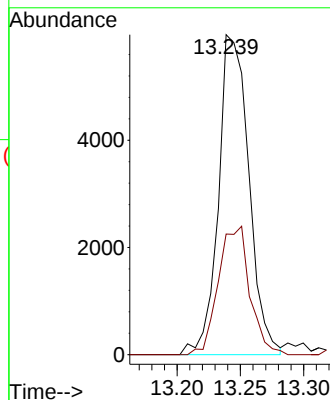
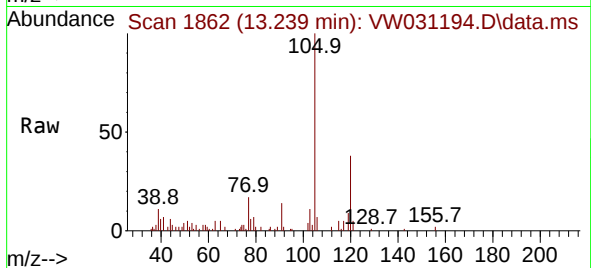
ClientSampleId :

Tgt Ion:105 Resp: 9973

Ion Ratio Lower Upper

105 100

120 41.5 40.5 60.7



#63

1,2,4-Trimethylbenzene

Concen: 3.103 ug/L

RT: 13.239 min Scan# 1862

Delta R.T. -0.006 min

Lab File: VW031194.D

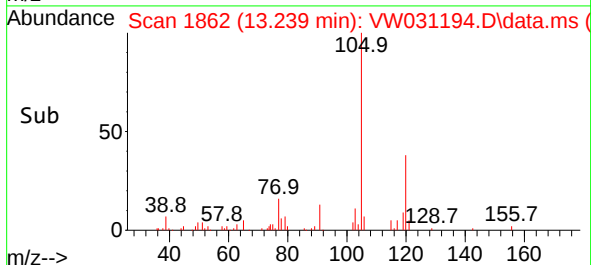
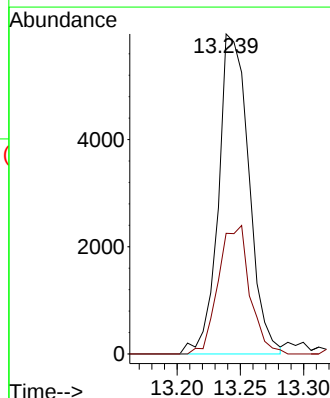
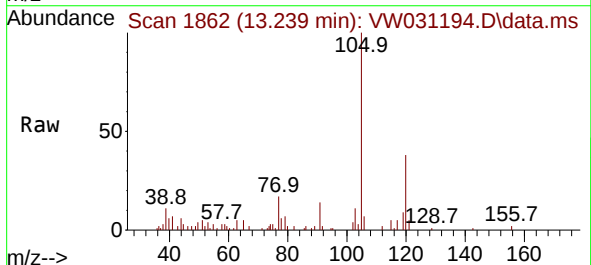
Acq: 10 Dec 2024 16:18

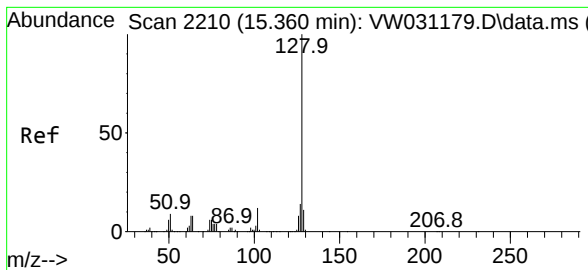
Tgt Ion:105 Resp: 9973

Ion Ratio Lower Upper

105 100

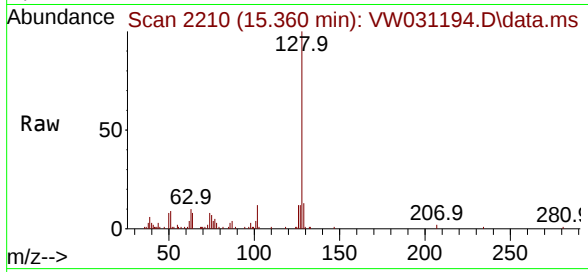
120 41.5 35.4 53.0





#71
Naphthalene
Concen: 12.165 ug/L
RT: 15.360 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW031194.D
Acq: 10 Dec 2024 16:18

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:	128	Resp:	18921
Ion	Ratio	Lower	Upper
128	100		
127	14.9	10.4	15.6
129	10.1	8.3	12.5

