

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102023\
 Data File : VW027373.D
 Acq On : 20 Oct 2023 14:58
 Operator : SY/MD
 Sample : 04961-01
 Misc : 5.47g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 21 04:29:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Oct 21 04:25:20 2023
 Response via : Initial Calibration

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

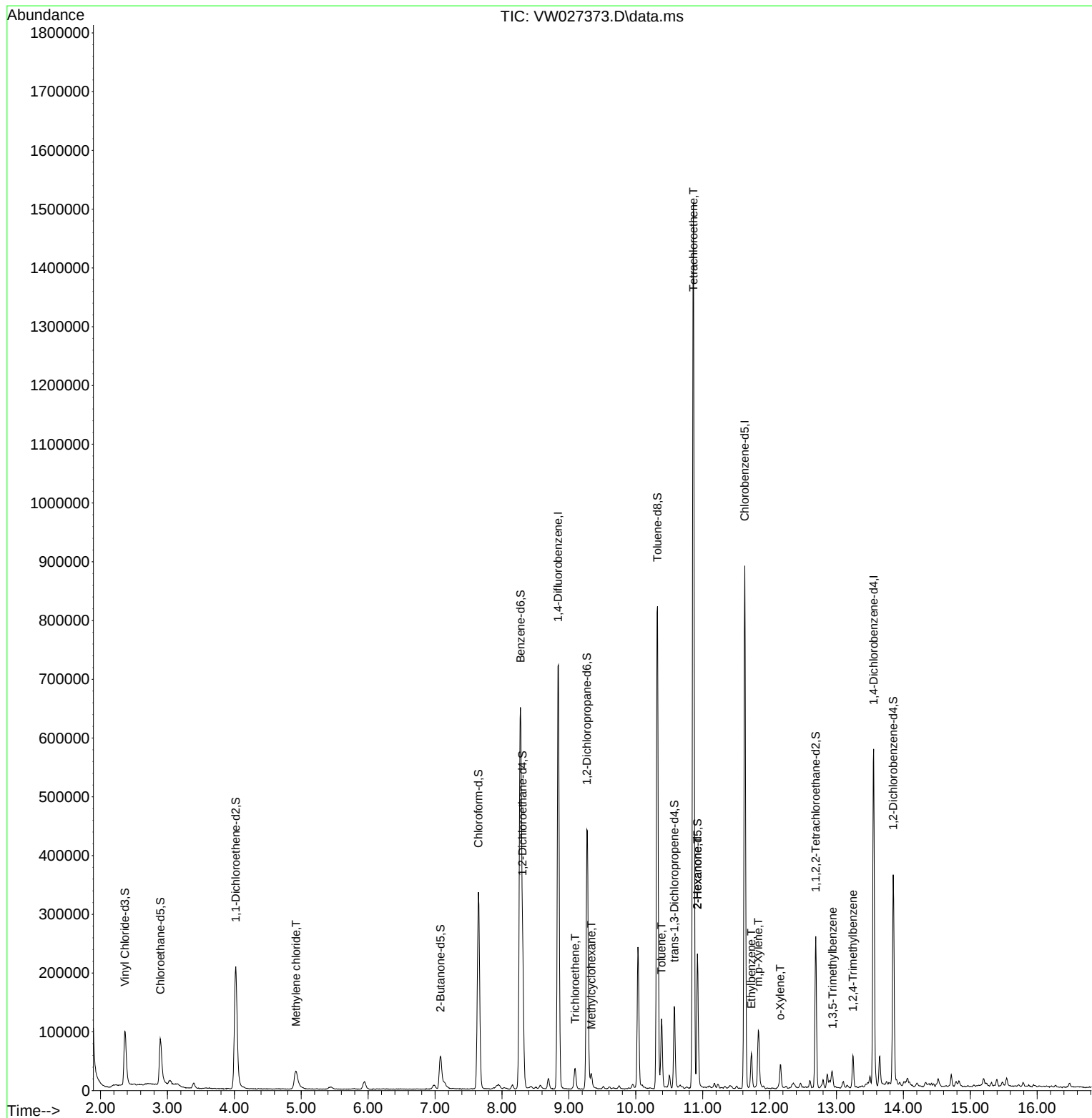
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	594316	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	457505	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	139770	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	142690	15.732	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	62.920%		
7) Chloroethane-d5	2.893	69	115559	17.744	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	70.960%		
11) 1,1-Dichloroethene-d2	4.021	65	75084	16.521	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	66.080%		
21) 2-Butanone-d5	7.081	46	101747	33.750	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	67.500%		
24) Chloroform-d	7.648	84	334822	18.902	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	75.600%		
26) 1,2-Dichloroethane-d4	8.307	65	177612	18.666	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	74.680%		
32) Benzene-d6	8.276	84	674501	21.791	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	87.160%		
36) 1,2-Dichloropropane-d6	9.270	67	213472	22.579	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	90.320%		
41) Toluene-d8	10.325	98	530556	18.902	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	75.600%		
43) trans-1,3-Dichloroprop...	10.575	79	77241	17.919	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	71.680%		
47) 2-Hexanone-d5	10.922	63	76000	38.854	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	77.700%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	131341	18.620	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	74.480%		
66) 1,2-Dichlorobenzene-d4	13.849	152	85297	16.840	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	67.360%#		
Target Compounds						Qvalue
16) Methylene chloride	4.923	84	24298	2.234	ug/L	97
34) Trichloroethene	9.093	95	12056	1.526	ug/L	89
35) Methylcyclohexane	9.337	83	8709	0.617	ug/L #	82
42) Toluene	10.386	91	83003	2.646	ug/L	100
46) Tetrachloroethene	10.861	164	313082	57.409	ug/L	93
48) 2-Hexanone	10.922	43	11024	2.679	ug/L #	67
52) Ethylbenzene	11.727	91	39966	1.096	ug/L	98
53) m,p-Xylene	11.831	106	26594	1.924	ug/L	97
54) o-Xylene	12.160	106	10284	0.777	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	9186	0.502	ug/L	96
63) 1,2,4-Trimethylbenzene	13.245	105	29716	1.658	ug/L	98

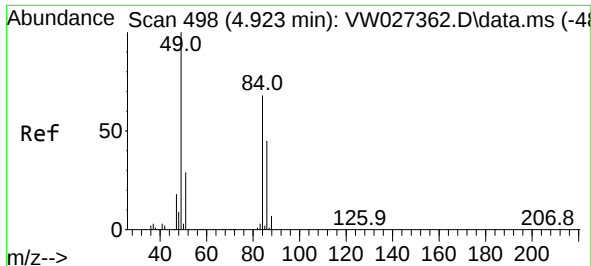
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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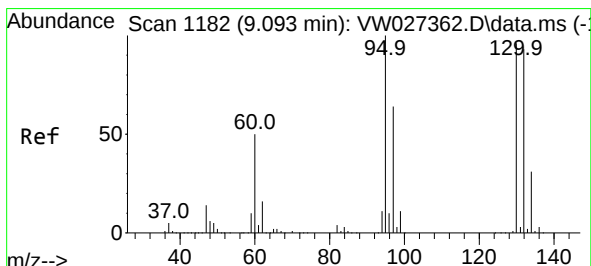
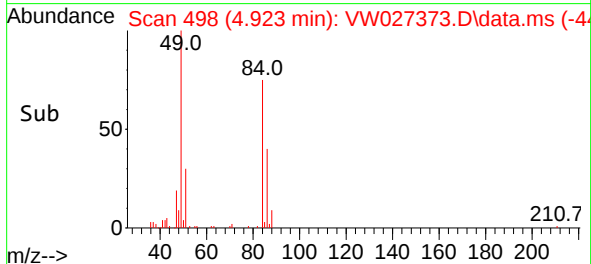
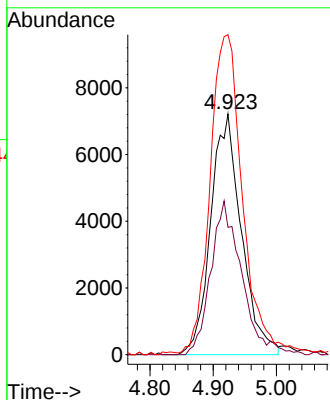
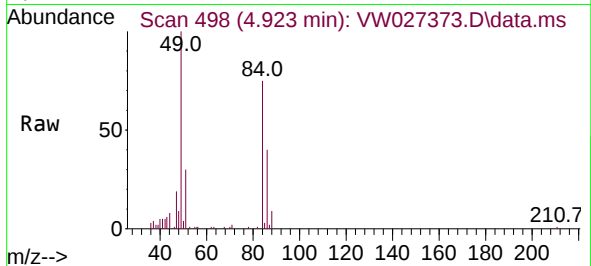




#16
Methylene chloride
Concen: 2.234 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.001 min
Lab File: VW027373.D
Acq: 20 Oct 2023 14:58

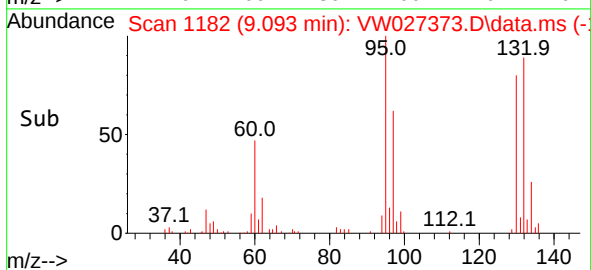
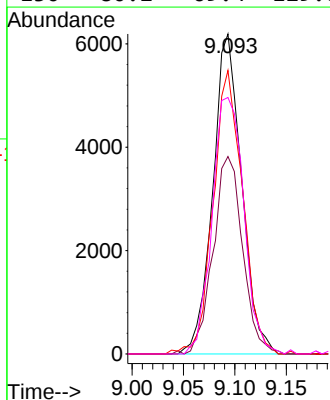
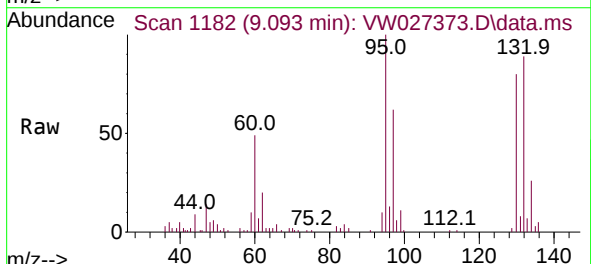
Instrument :
MSVOA_W
ClientSampleId :

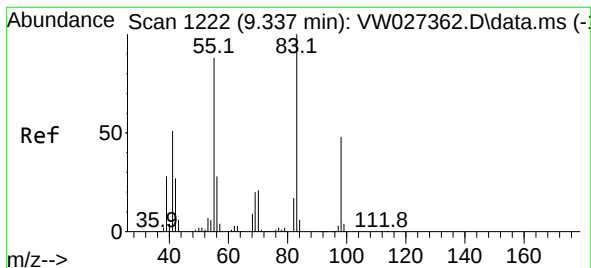
Tgt Ion: 84 Resp: 24298
Ion Ratio Lower Upper
84 100
86 52.9 41.3 76.7
49 133.0 92.8 172.4



#34
Trichloroethene
Concen: 1.526 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. 0.001 min
Lab File: VW027373.D
Acq: 20 Oct 2023 14:58

Tgt Ion: 95 Resp: 12056
Ion Ratio Lower Upper
95 100
97 61.7 43.4 80.6
132 88.6 67.6 125.6
130 80.2 69.4 129.0





#35

Methylcyclohexane

Concen: 0.617 ug/L

RT: 9.337 min Scan# 11

Delta R.T. 0.001 min

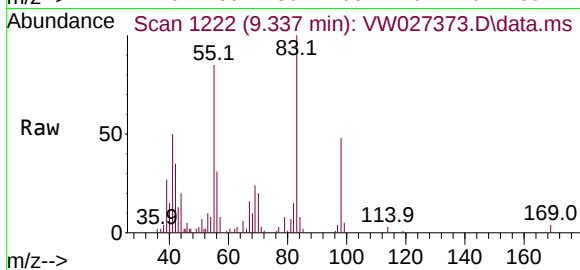
Lab File: VW027373.D

Acq: 20 Oct 2023 14:58

Instrument :

MSVOA_W

ClientSampleId :



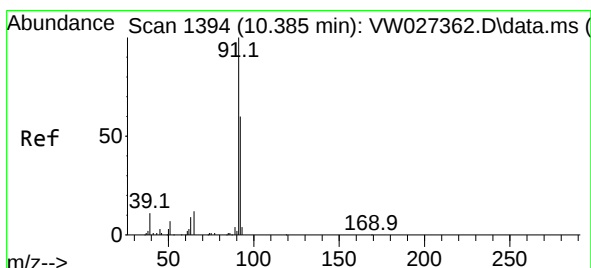
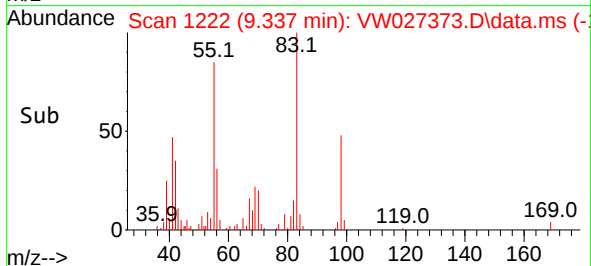
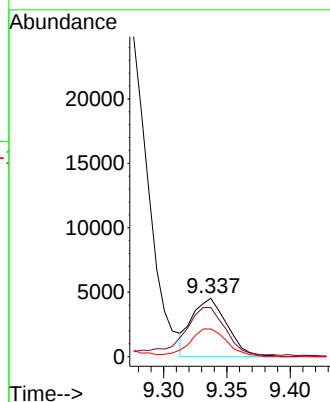
Tgt Ion: 83 Resp: 8709

Ion Ratio Lower Upper

83 100

55 105.2 65.8 98.8#

98 51.0 38.1 57.1



#42

Toluene

Concen: 2.646 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.001 min

Lab File: VW027373.D

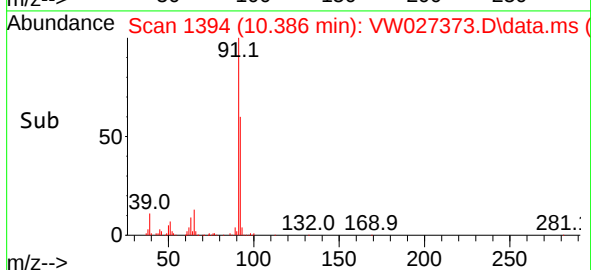
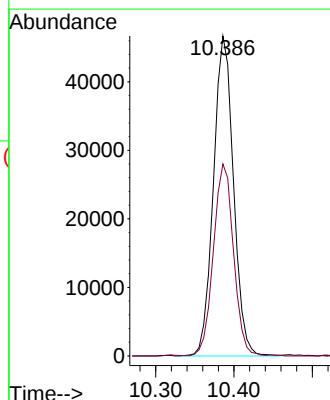
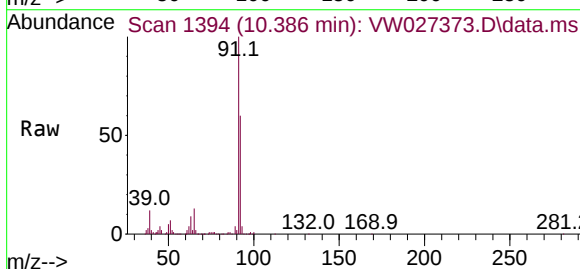
Acq: 20 Oct 2023 14:58

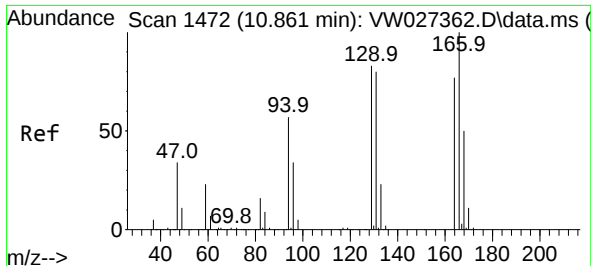
Tgt Ion: 91 Resp: 83003

Ion Ratio Lower Upper

91 100

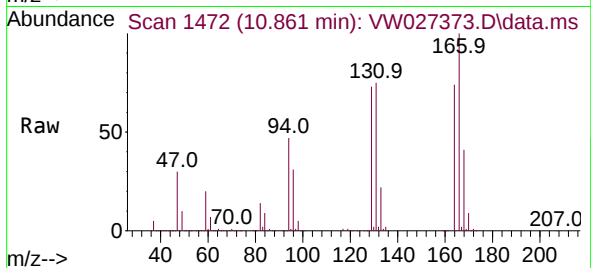
92 60.0 42.1 78.1



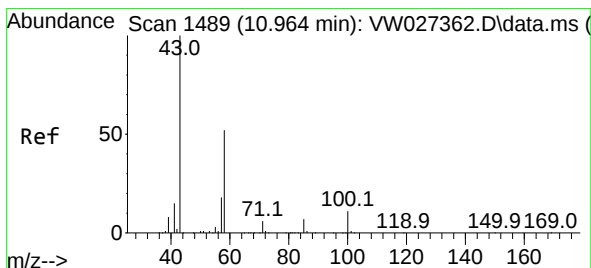
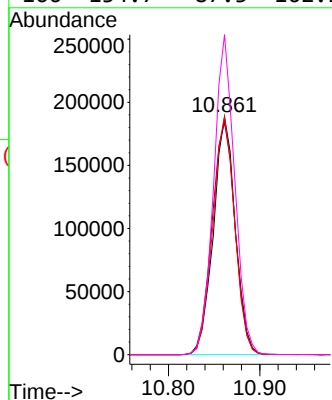
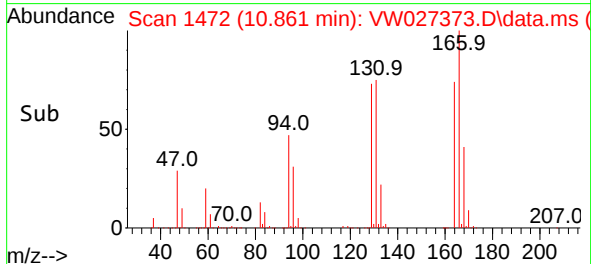


#46
Tetrachloroethene
Concen: 57.409 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.001 min
Lab File: VW027373.D
Acq: 20 Oct 2023 14:58

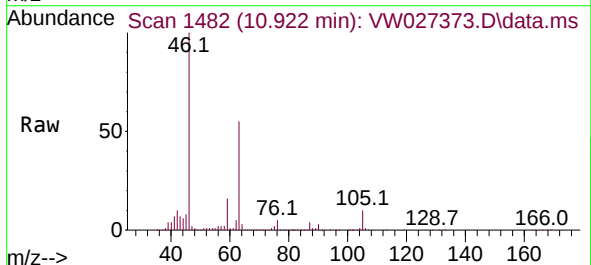
Instrument :
MSVOA_W
ClientSampleId :



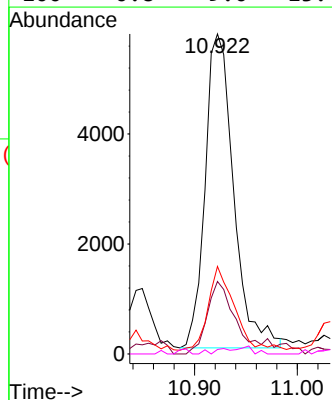
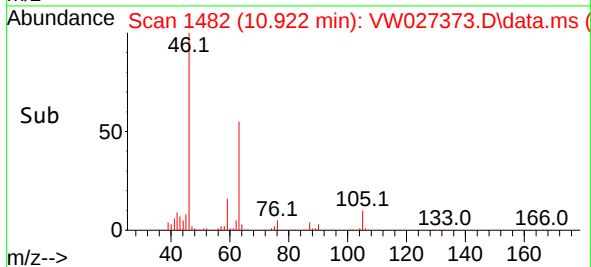
Tgt Ion:	164	Resp:	313082
Ion	Ratio	Lower	Upper
164	100		
129	97.7	74.7	138.7
131	100.4	73.2	136.0
166	134.7	87.3	162.1

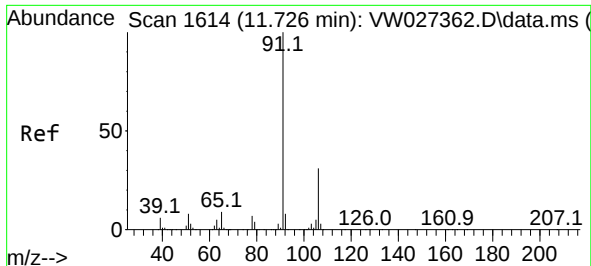


#48
2-Hexanone
Concen: 2.679 ug/L
RT: 10.922 min Scan# 1482
Delta R.T. -0.042 min
Lab File: VW027373.D
Acq: 20 Oct 2023 14:58



Tgt Ion:	43	Resp:	11024
Ion	Ratio	Lower	Upper
43	100		
58	22.5	42.2	63.4#
57	23.3	15.1	22.7#
100	0.8	9.0	13.4#





#52

Ethylbenzene

Concen: 1.096 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.001 min

Lab File: VW027373.D

Acq: 20 Oct 2023 14:58

Instrument :

MSVOA_W

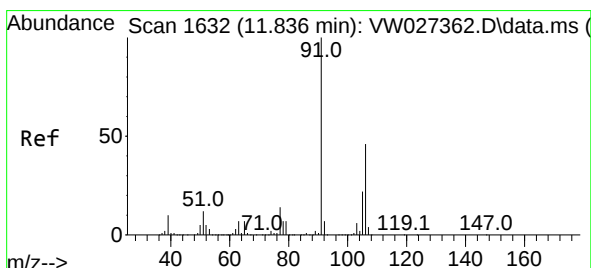
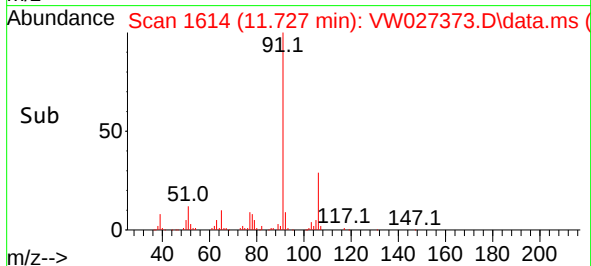
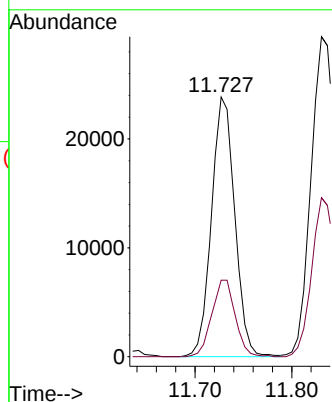
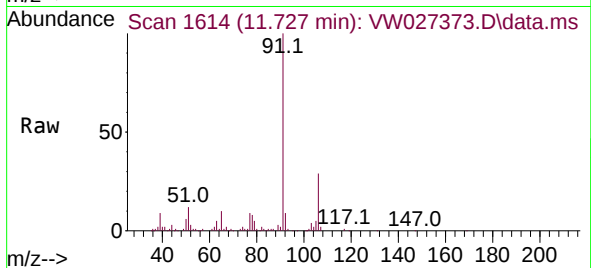
ClientSampleId :

Tgt Ion: 91 Resp: 39966

Ion Ratio Lower Upper

91 100

106 29.5 19.8 36.8



#53

m,p-Xylene

Concen: 1.924 ug/L

RT: 11.831 min Scan# 1631

Delta R.T. -0.006 min

Lab File: VW027373.D

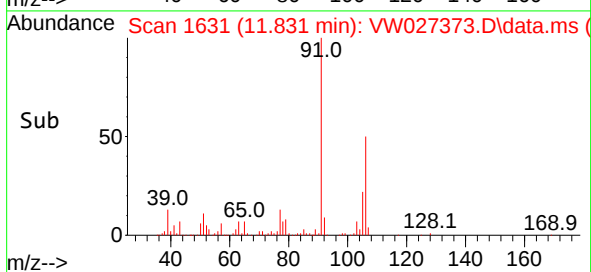
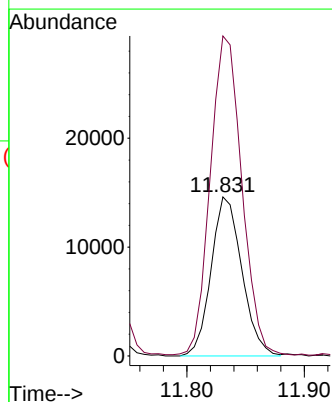
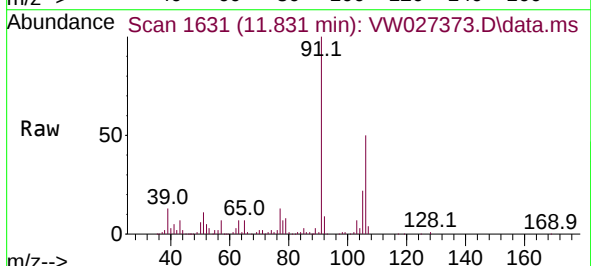
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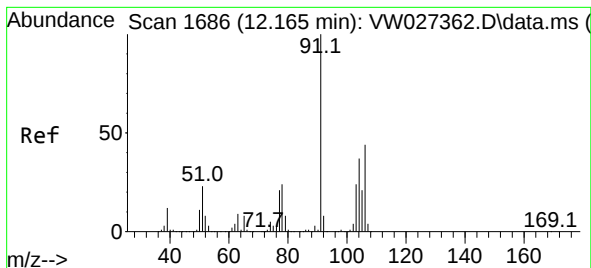
Tgt Ion: 106 Resp: 26594

Ion Ratio Lower Upper

106 100

91 201.1 144.5 268.4





#54

o-Xylene

Concen: 0.777 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW027373.D

Acq: 20 Oct 2023 14:58

Instrument :

MSVOA_W

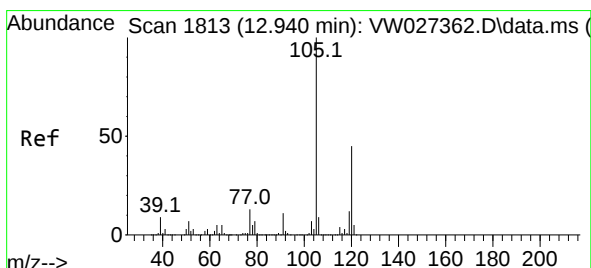
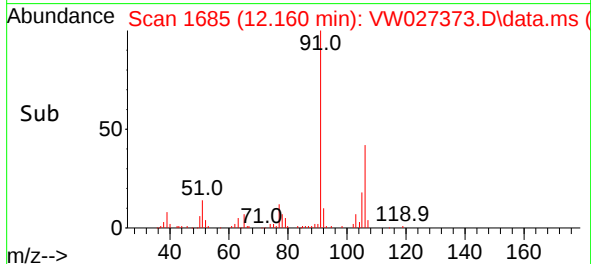
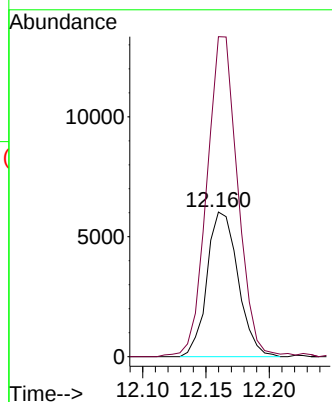
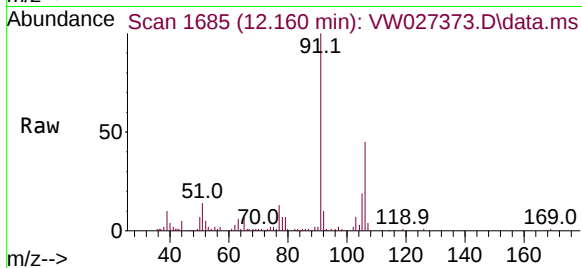
ClientSampleId :

Tgt Ion:106 Resp: 10284

Ion Ratio Lower Upper

106 100

91 221.2 152.0 282.2



#62

1,3,5-Trimethylbenzene

Concen: 0.502 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.001 min

Lab File: VW027373.D

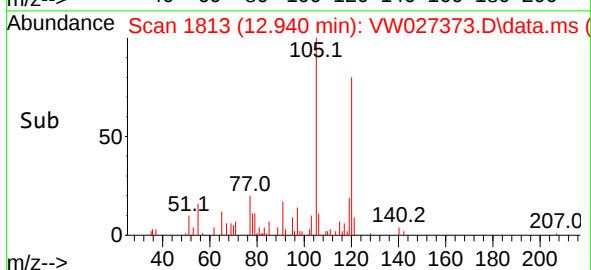
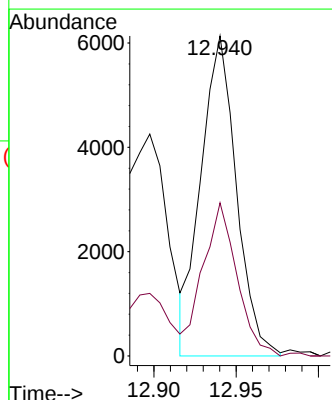
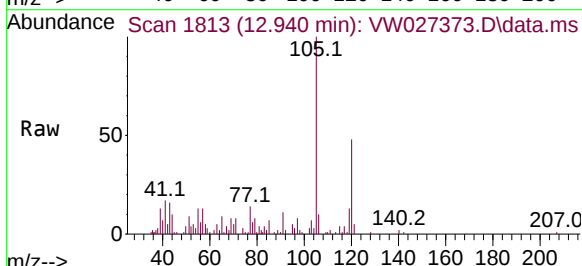
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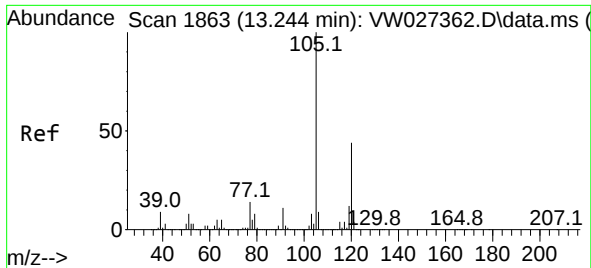
Tgt Ion:105 Resp: 9186

Ion Ratio Lower Upper

105 100

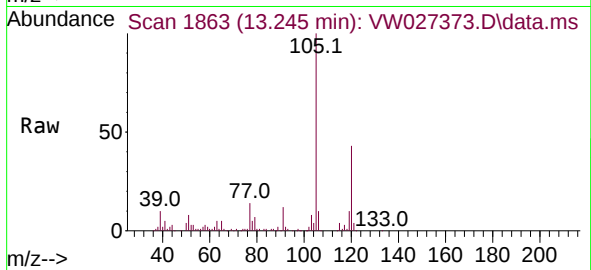
120 46.0 38.8 58.2





#63
 1,2,4-Trimethylbenzene
 Concen: 1.658 ug/L
 RT: 13.245 min Scan# 11
 Delta R.T. 0.001 min
 Lab File: VW027373.D
 Acq: 20 Oct 2023 14:58

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
105	100		
120	42.8	35.4	53.2

