

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 :
 E0LH8

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)

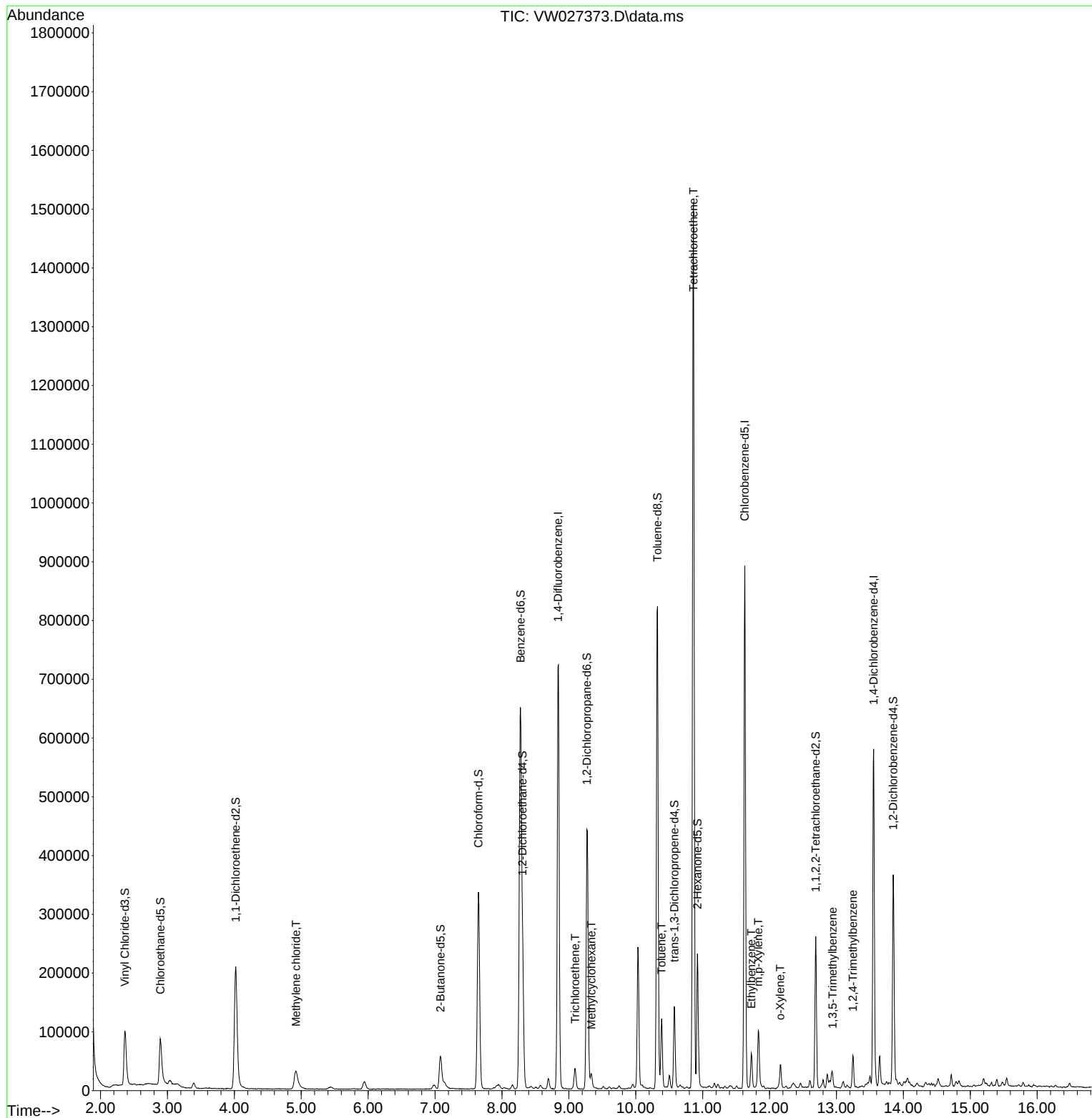
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	594316	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	457505	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	139770	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	142690	15.732	ug/L	0.00
Spiked Amount	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
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

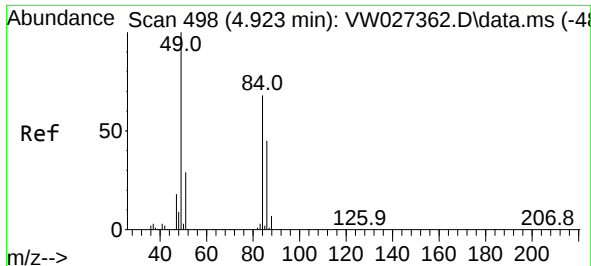
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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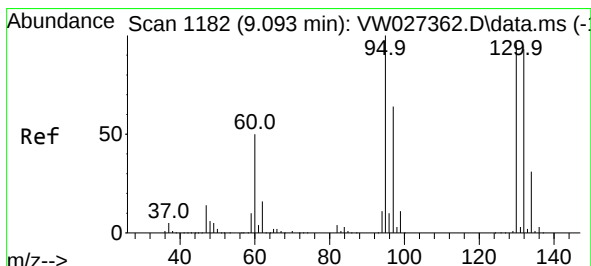
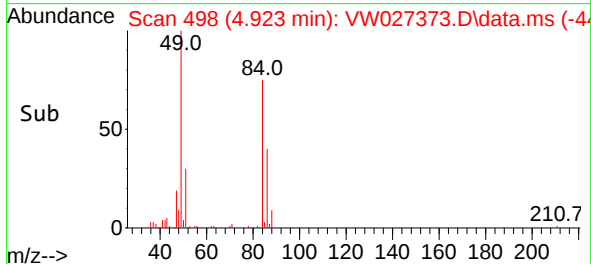
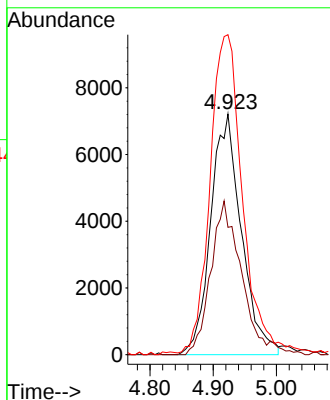
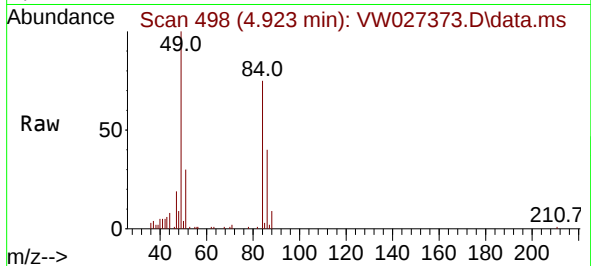




#16
Methylene chloride
Concen: 2.234 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.001 min
Lab File: VW027373.D
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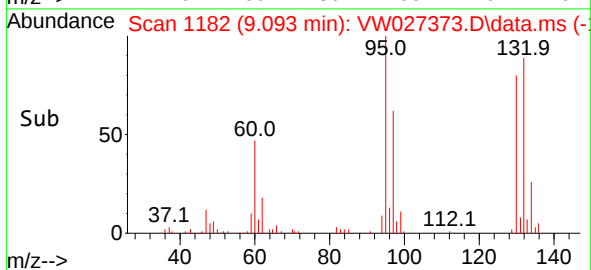
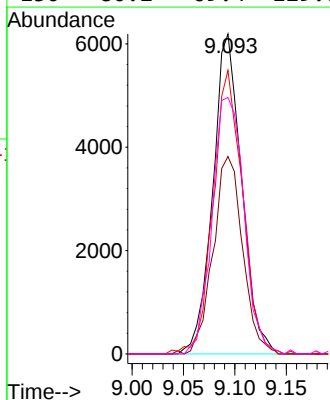
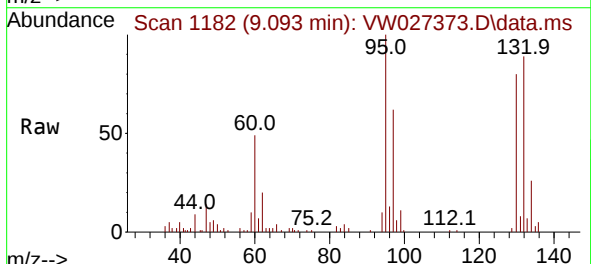
Instrument :
MSVOA_W
ClientSampleId :
E0LH8

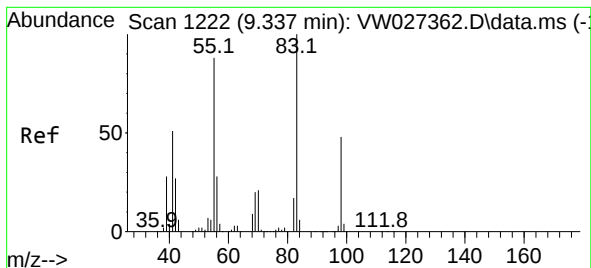
Tgt Ion: 84 Resp: 24298
Ion Ratio Lower Upper
84 100
86 52.9 41.3 76.7
49 133.0 92.8 172.4



#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 :

E0LH8

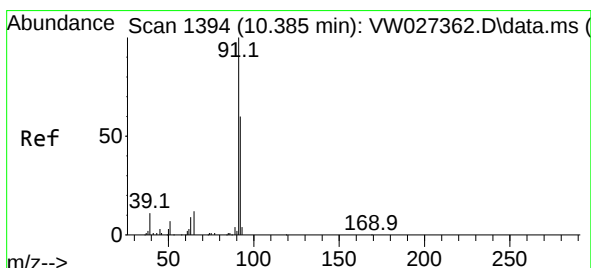
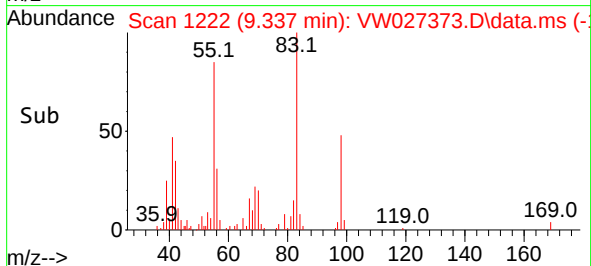
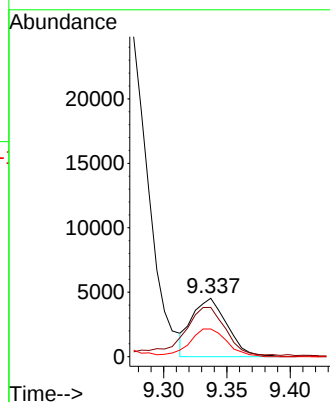
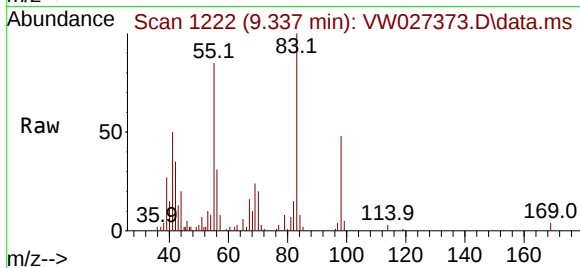
Tgt Ion: 83 Resp: 8709

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

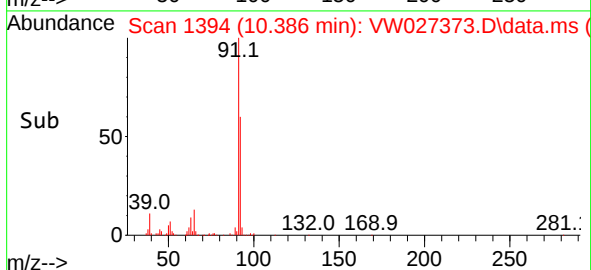
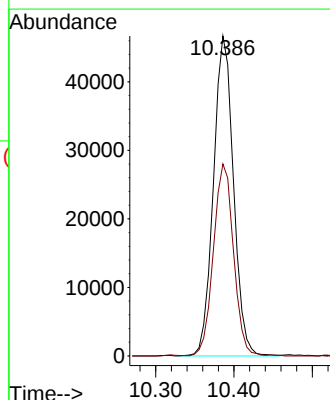
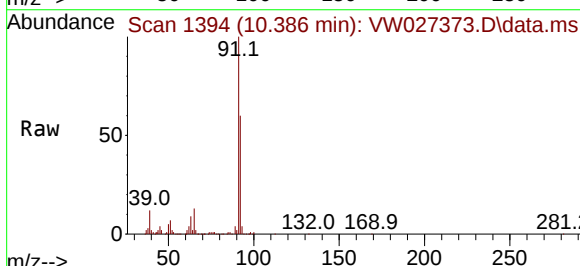
Acq: 20 Oct 2023 14:58

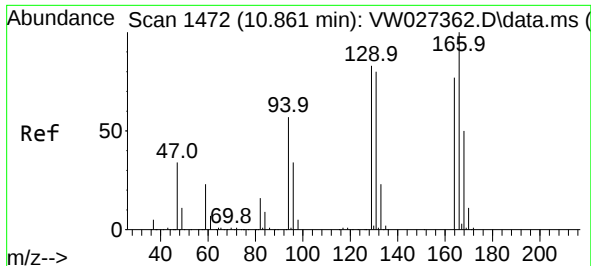
Tgt Ion: 91 Resp: 83003

Ion Ratio Lower Upper

91 100

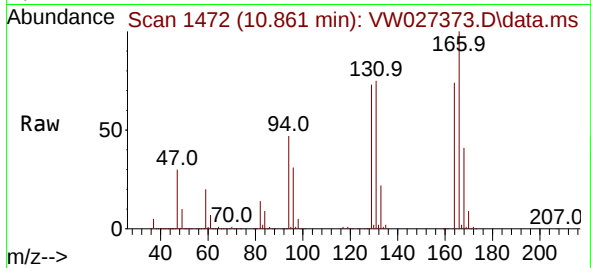
92 60.0 42.1 78.1



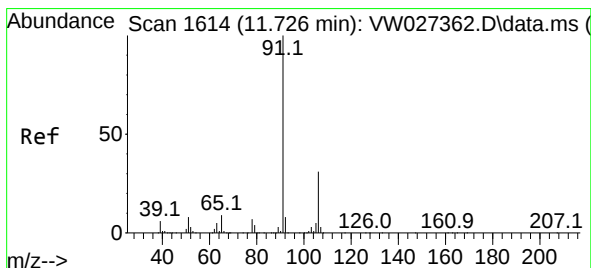
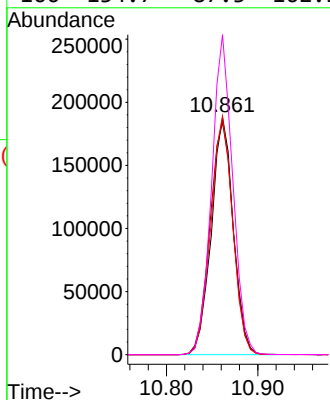
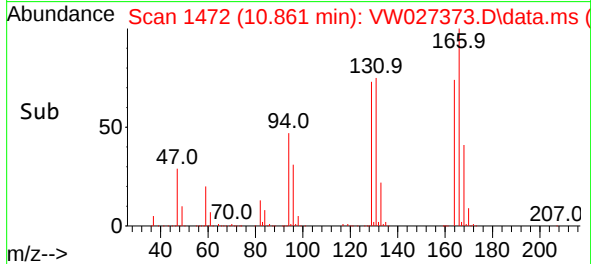


#46
Tetrachloroethene
Concen: 57.409 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.001 min
Lab File: VW027373.D
Acq: 20 Oct 2023 14:58

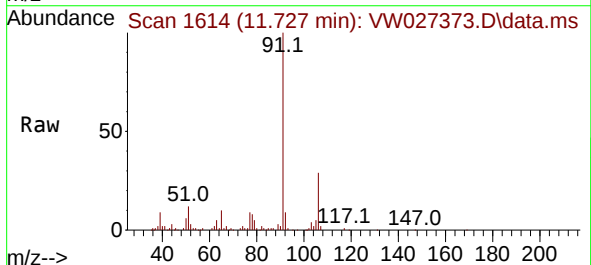
Instrument :
MSVOA_W
ClientSampleId :
E0LH8



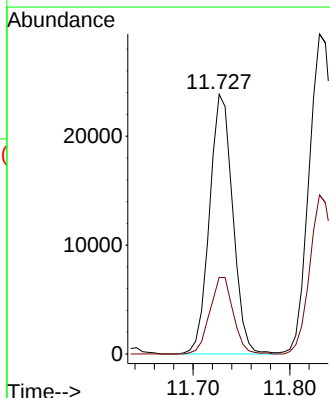
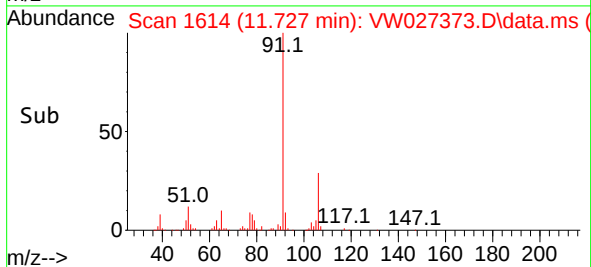
Tgt Ion:164 Resp: 313082
Ion Ratio Lower Upper
164 100
129 97.7 74.7 138.7
131 100.4 73.2 136.0
166 134.7 87.3 162.1

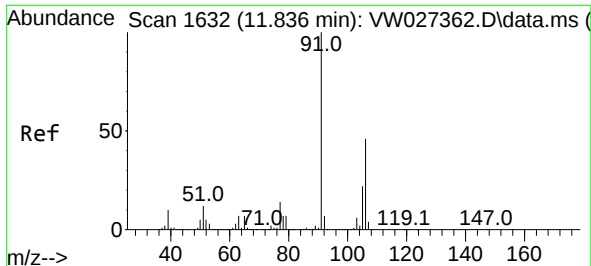


#52
Ethylbenzene
Concen: 1.096 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.001 min
Lab File: VW027373.D
Acq: 20 Oct 2023 14:58



Tgt Ion: 91 Resp: 39966
Ion Ratio Lower Upper
91 100
106 29.5 19.8 36.8

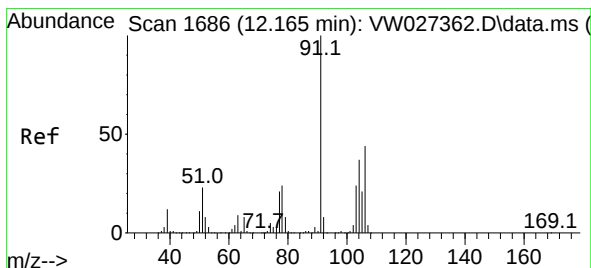
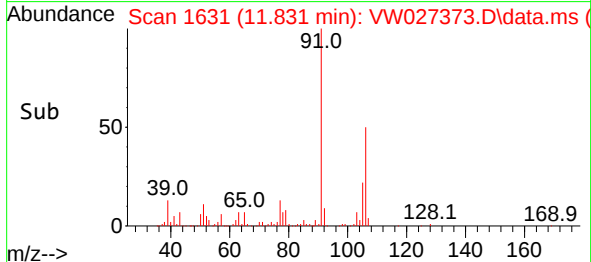
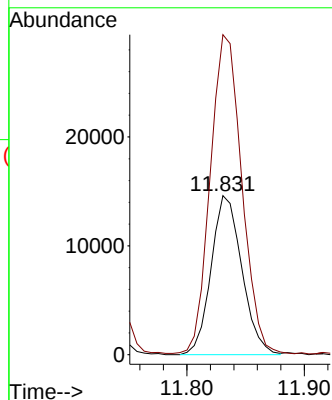
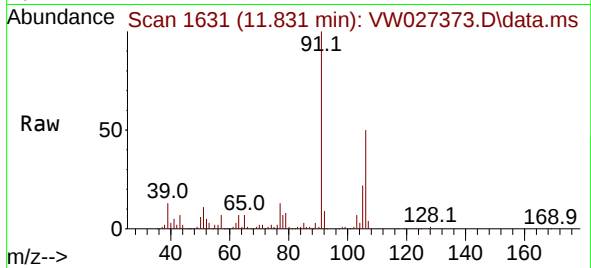




#53
m,p-Xylene
Concen: 1.924 ug/L
RT: 11.831 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW027373.D
Acq: 20 Oct 2023 14:58

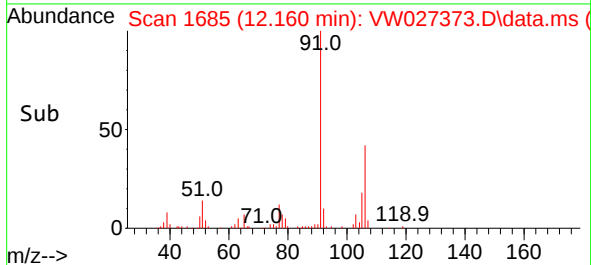
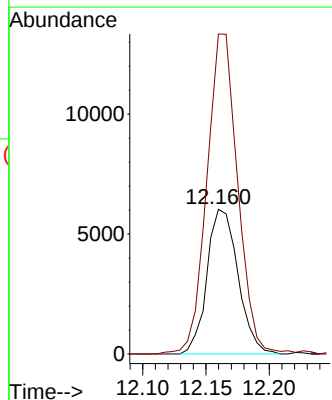
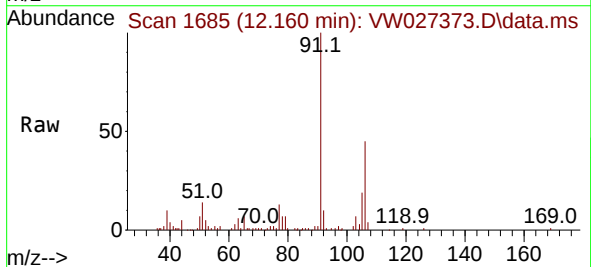
Instrument :
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ClientSampleId :
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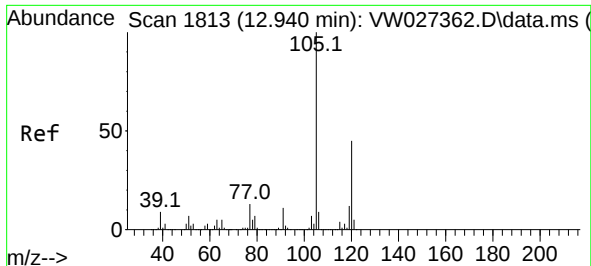
Tgt Ion:106 Resp: 26594
Ion Ratio Lower Upper
106 100
91 201.1 144.5 268.4



#54
o-Xylene
Concen: 0.777 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW027373.D
Acq: 20 Oct 2023 14:58

Tgt Ion:106 Resp: 10284
Ion Ratio Lower Upper
106 100
91 221.2 152.0 282.2

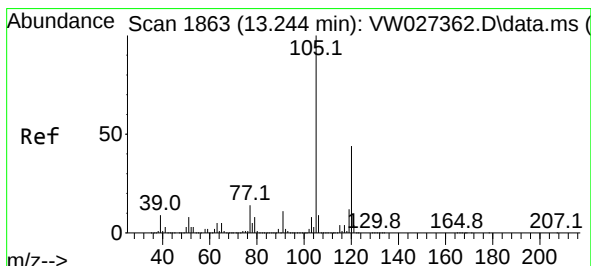
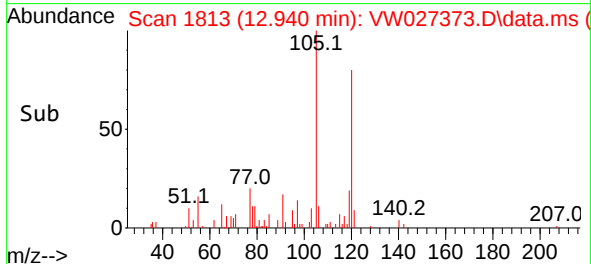
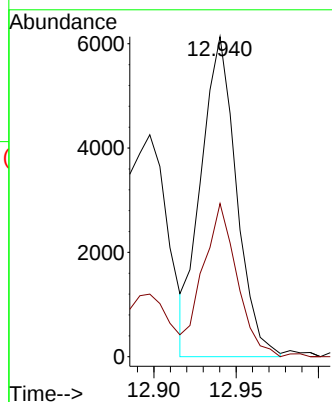
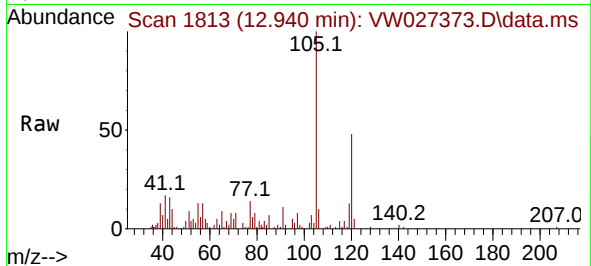




#62
1,3,5-Trimethylbenzene
Concen: 0.502 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.001 min
Lab File: VW027373.D
Acq: 20 Oct 2023 14:58

Instrument :
MSVOA_W
ClientSampleId :
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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# 1863
Delta R.T. 0.001 min
Lab File: VW027373.D
Acq: 20 Oct 2023 14:58

Tgt Ion:105 Resp: 29716
Ion Ratio Lower Upper
105 100
120 42.8 35.4 53.2

