

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
 Data File : VW024380.D
 Acq On : 27 Aug 2022 05:20
 Operator : SY/VA
 Sample : N4345-04
 Misc : 6.27g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 27 05:43:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Aug 27 02:57:08 2022
 Response via : Initial Calibration

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

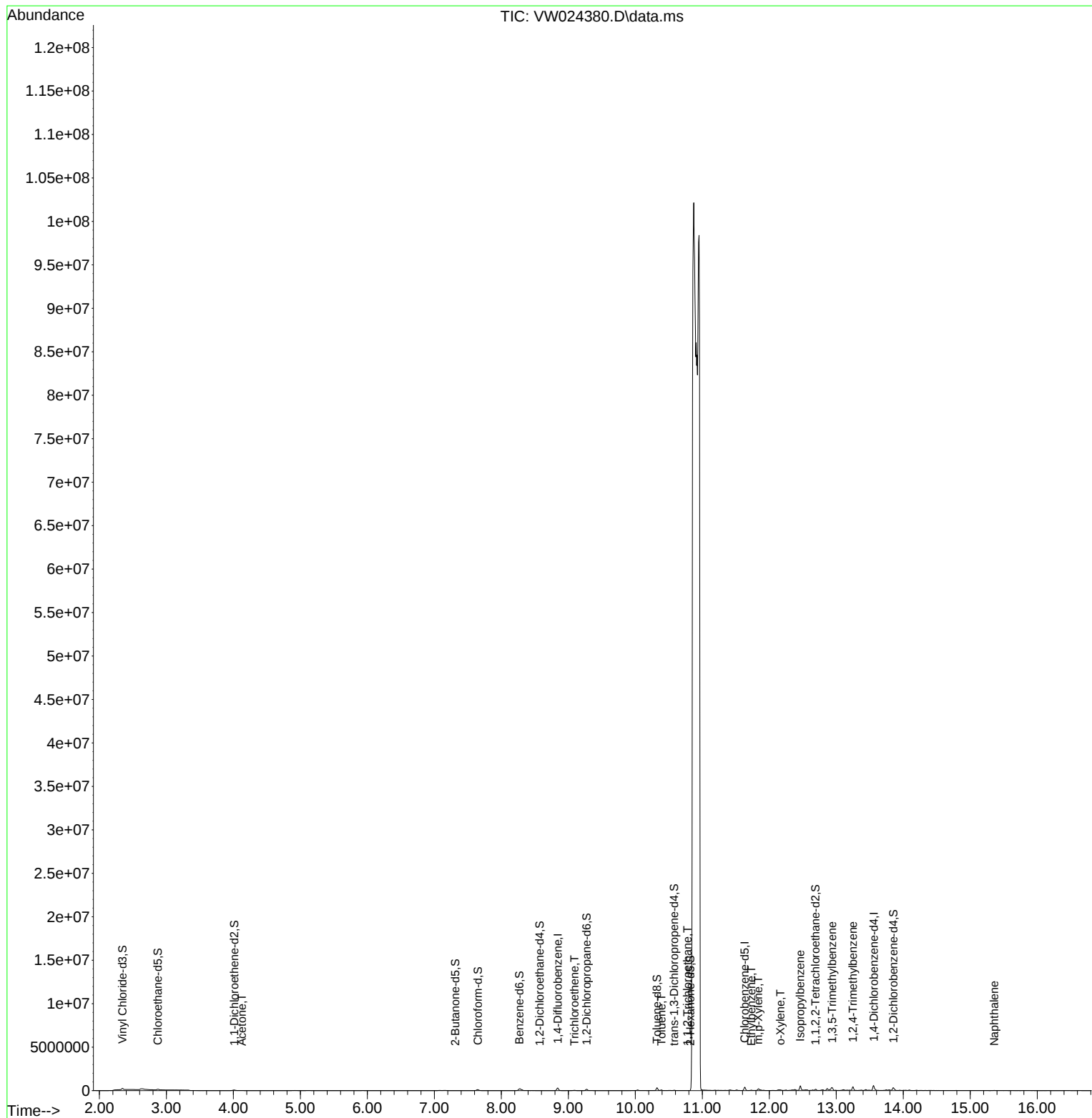
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	236678	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	190514	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	122562	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	147390	22.591	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.360%
7) Chloroethane-d5	2.873	69	90243	18.461	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.840%
11) 1,1-Dichloroethene-d2	4.013	63	76313	13.487	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.960%
21) 2-Butanone-d5	7.311	46	341	0.284	ug/L	0.23
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.560%#
24) Chloroform-d	7.653	84	105469	13.861	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	55.440%
26) 1,2-Dichloroethane-d4	8.573	65	117	0.025	ug/L	0.27
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.120%#
32) Benzene-d6	8.269	84	212519	19.469	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	77.880%
36) 1,2-Dichloropropane-d6	9.274	67	61406	18.089	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	72.360%
41) Toluene-d8	10.323	98	200018	19.273	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.080%
43) trans-1,3-Dichloroprop...	10.579	79	22201	13.975	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	55.920%
47) 2-Hexanone-d5	10.823	63	59	0.078	ug/L	-0.10
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.160%#
56) 1,1,2,2-Tetrachloroeth...	12.689	84	58206	15.144	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	60.560%
66) 1,2-Dichlorobenzene-d4	13.853	152	74573	16.157	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	64.640%#
Target Compounds						
					Qvalue	
13) Acetone	4.129	43	3374	4.705	ug/L	82
34) Trichloroethene	9.092	95	11222	3.590	ug/L	94
42) Toluene	10.390	91	48583	3.711	ug/L	96
45) 1,1,2-Trichloroethane	10.780	97	1344	0.538	ug/L #	36
52) Ethylbenzene	11.731	91	14233	0.983	ug/L	92
53) m,p-Xylene	11.835	106	19561	3.442	ug/L	94
54) o-Xylene	12.164	106	12931	2.434	ug/L	91
60) Isopropylbenzene	12.463	105	299581	18.404	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	101436	7.728	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	210249	16.491	ug/L	99
71) Naphthalene	15.359	128	11106	1.295	ug/L #	87

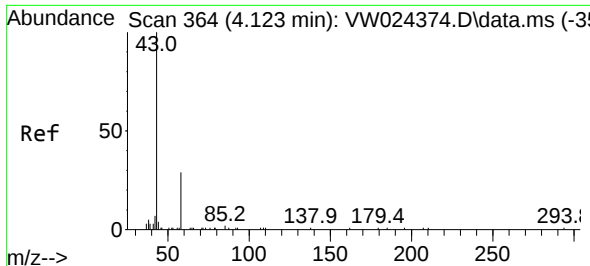
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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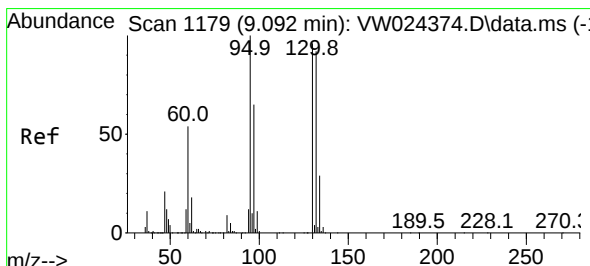
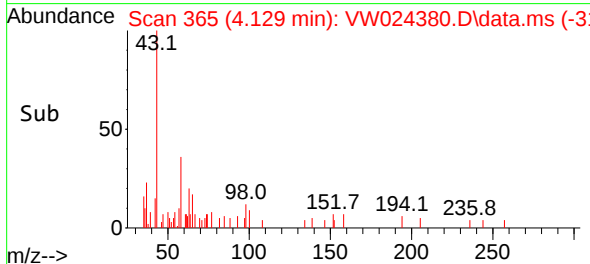
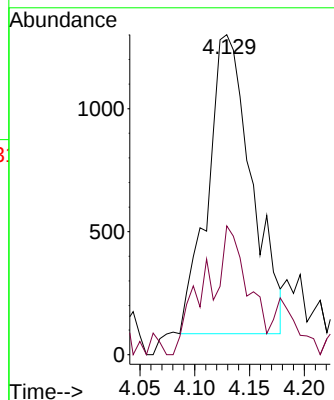
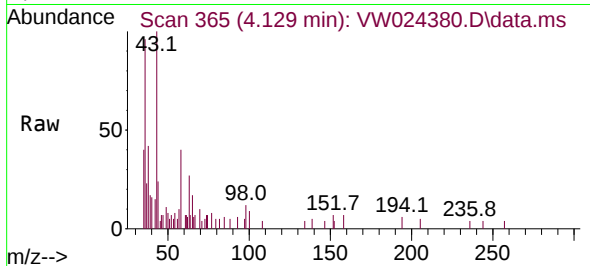




#13
Acetone
Concen: 4.705 ug/L
RT: 4.129 min Scan# 30
Delta R.T. 0.006 min
Lab File: VW024380.D
Acq: 27 Aug 2022 05:20

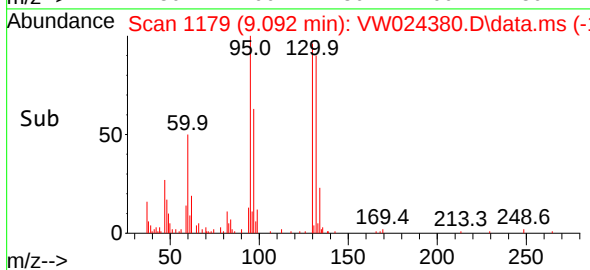
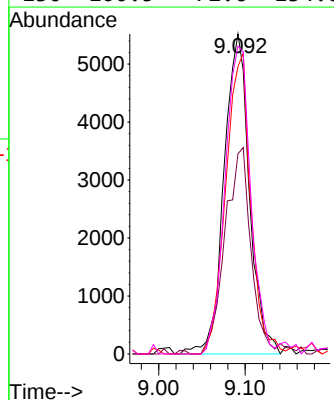
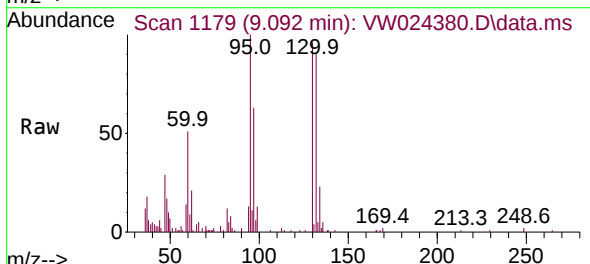
Instrument :
MSVOA_W
ClientSampleId :

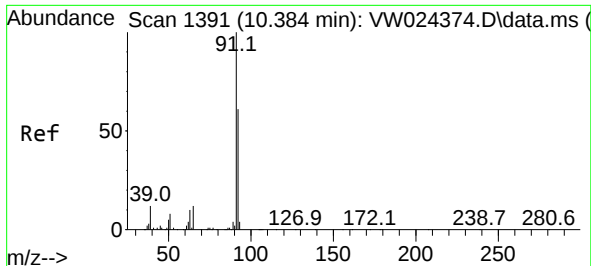
Tgt Ion: 43 Resp: 3374
Ion Ratio Lower Upper
43 100
58 19.3 0.0 58.4



#34
Trichloroethene
Concen: 3.590 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW024380.D
Acq: 27 Aug 2022 05:20

Tgt Ion: 95 Resp: 11222
Ion Ratio Lower Upper
95 100
97 62.6 48.4 89.8
132 89.8 68.6 127.4
130 100.5 72.6 134.8

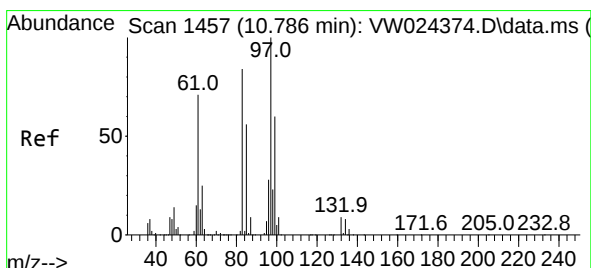
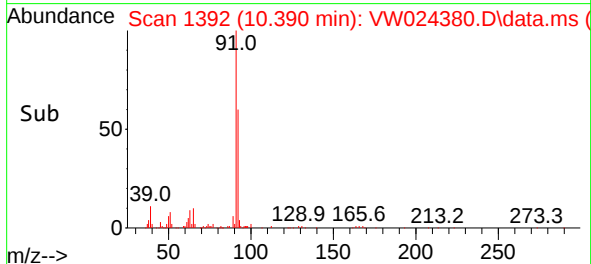
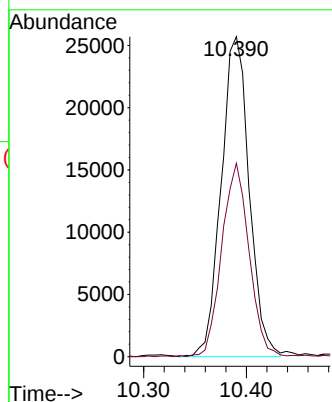
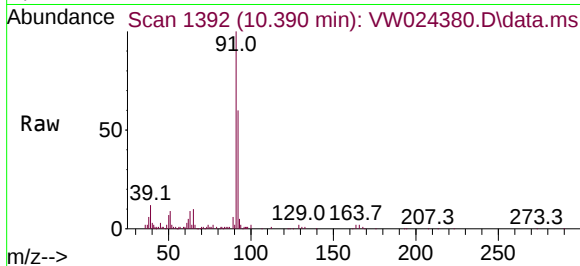




#42
Toluene
Concen: 3.711 ug/L
RT: 10.390 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW024380.D
Acq: 27 Aug 2022 05:20

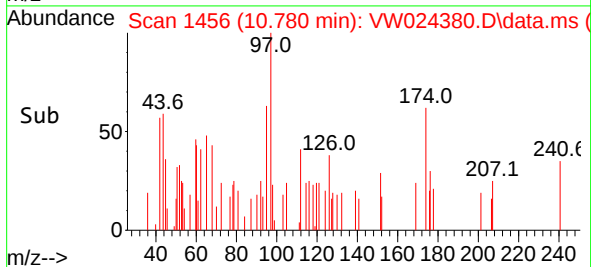
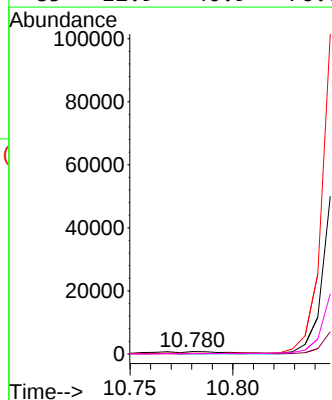
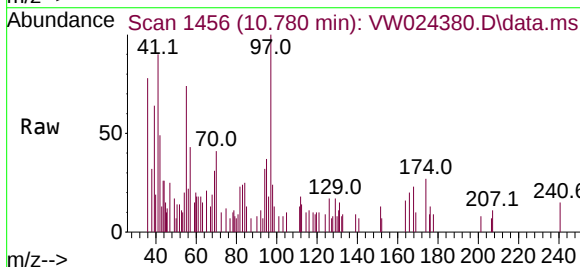
Instrument :
MSVOA_W
ClientSampleId :

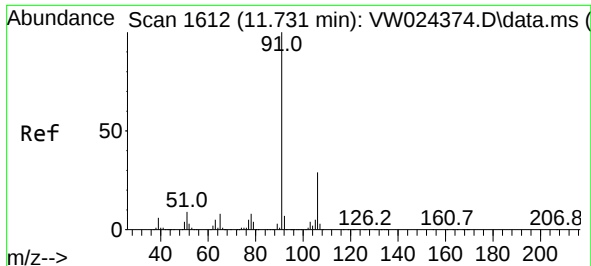
Tgt Ion: 91 Resp: 48583
Ion Ratio Lower Upper
91 100
92 60.5 40.0 74.4



#45
1,1,2-Trichloroethane
Concen: 0.538 ug/L
RT: 10.780 min Scan# 1456
Delta R.T. -0.006 min
Lab File: VW024380.D
Acq: 27 Aug 2022 05:20

Tgt Ion: 97 Resp: 1344
Ion Ratio Lower Upper
97 100
99 12.6 40.4 75.0#
83 24.3 60.1 111.5#
85 12.9 40.9 76.0#

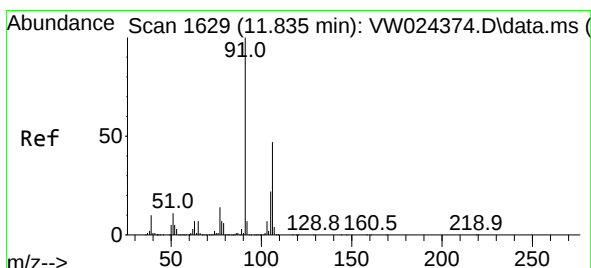
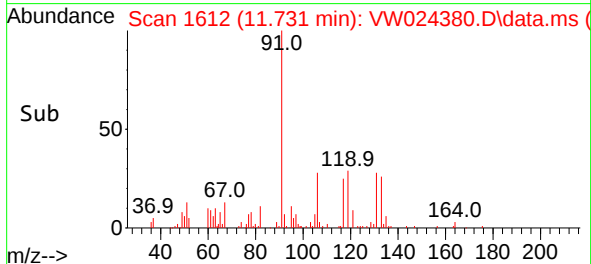
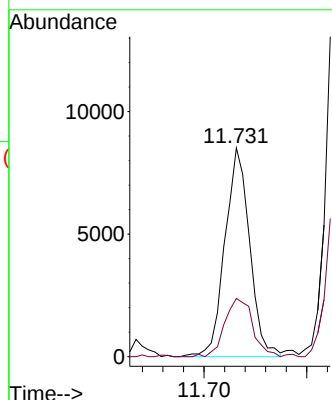
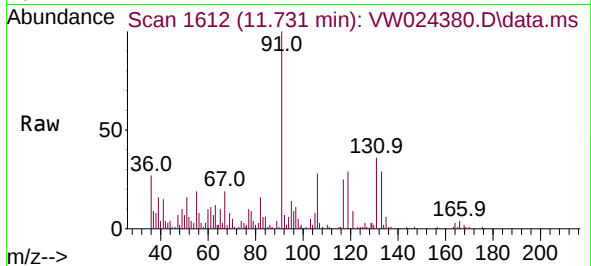




#52
Ethylbenzene
Concen: 0.983 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW024380.D
Acq: 27 Aug 2022 05:20

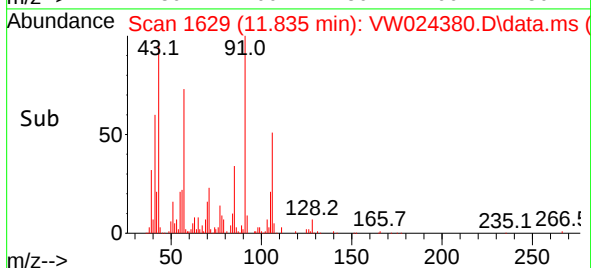
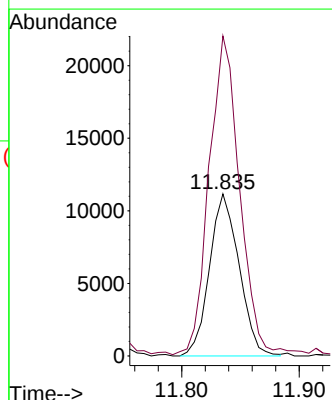
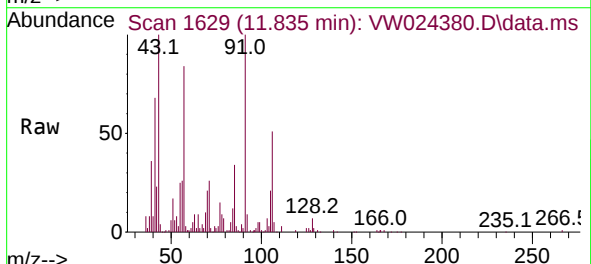
Instrument :
MSVOA_W
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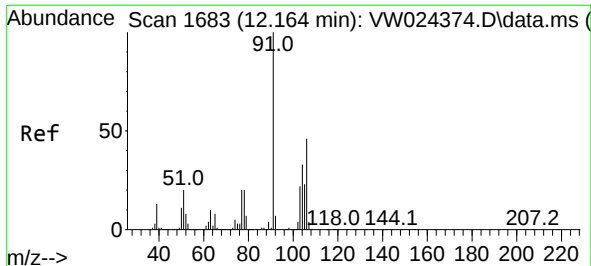
Tgt Ion: 91 Resp: 14233
Ion Ratio Lower Upper
91 100
106 27.9 22.7 42.3



#53
m,p-Xylene
Concen: 3.442 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW024380.D
Acq: 27 Aug 2022 05:20

Tgt Ion:106 Resp: 19561
Ion Ratio Lower Upper
106 100
91 197.4 144.3 267.9

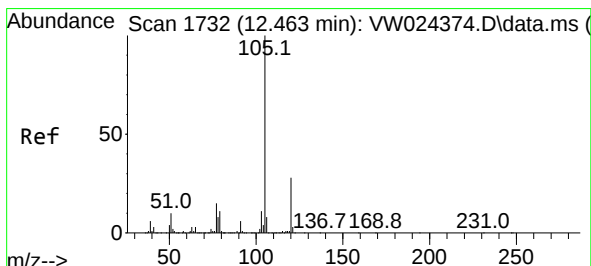
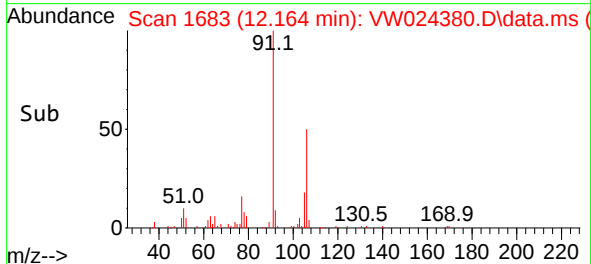
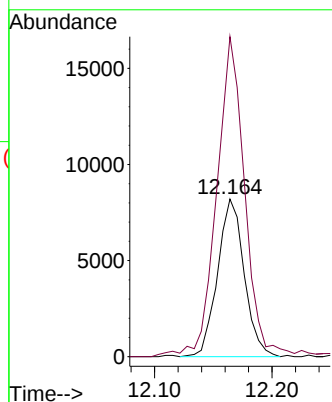
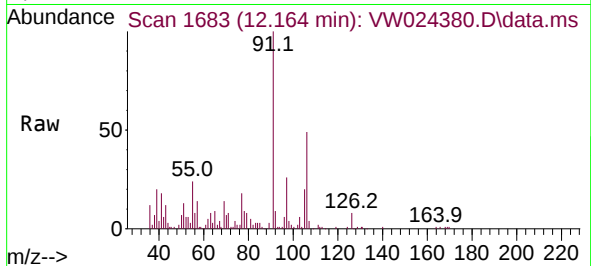




#54
o-Xylene
Concen: 2.434 ug/L
RT: 12.164 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW024380.D
Acq: 27 Aug 2022 05:20

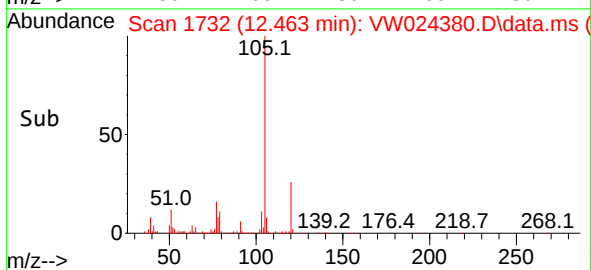
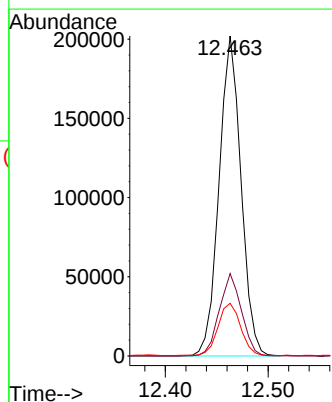
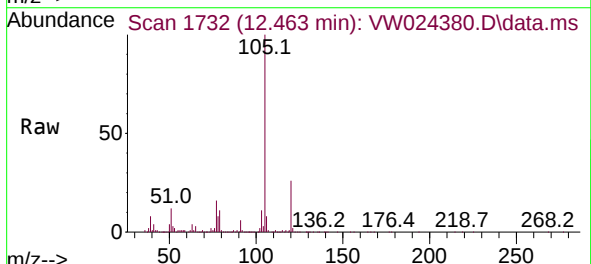
Instrument :
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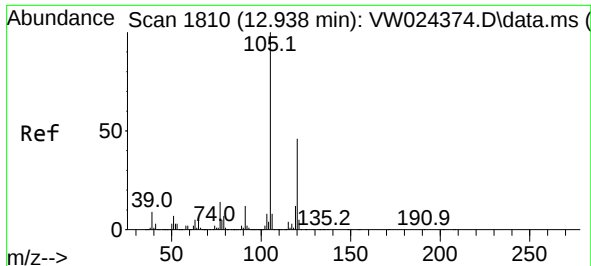
Tgt Ion:106 Resp: 12931
Ion Ratio Lower Upper
106 100
91 203.1 152.1 282.5



#60
Isopropylbenzene
Concen: 18.404 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW024380.D
Acq: 27 Aug 2022 05:20

Tgt Ion:105 Resp: 299581
Ion Ratio Lower Upper
105 100
120 25.9 21.4 32.0
77 16.8 13.0 19.6

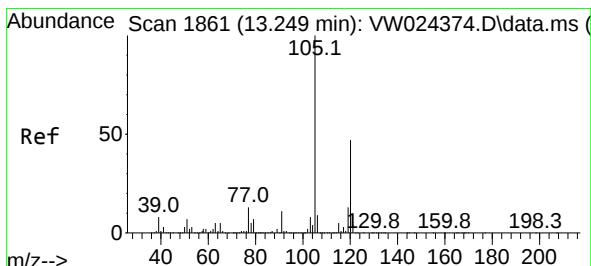
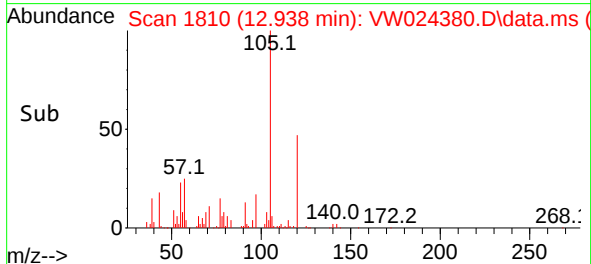
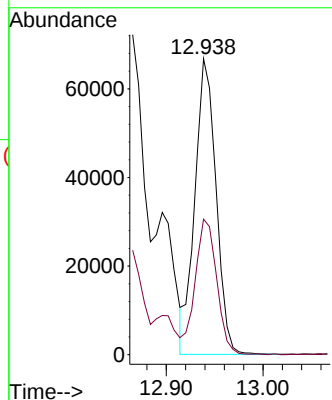
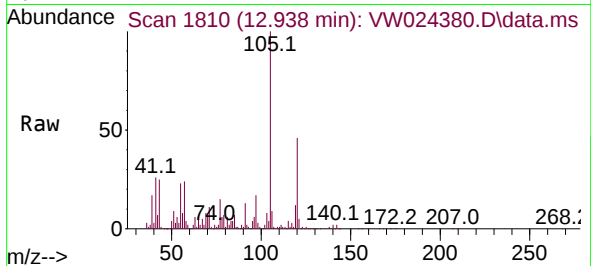




#62
 1,3,5-Trimethylbenzene
 Concen: 7.728 ug/L
 RT: 12.938 min Scan# 1810
 Delta R.T. 0.000 min
 Lab File: VW024380.D
 Acq: 27 Aug 2022 05:20

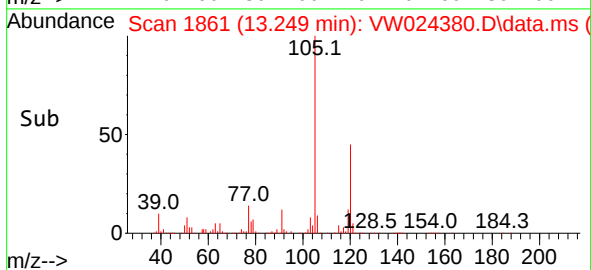
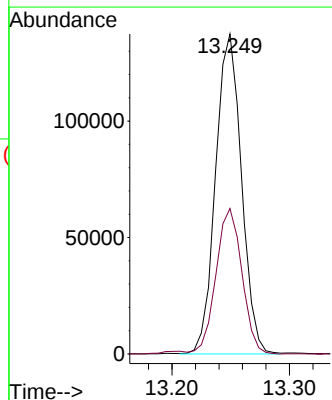
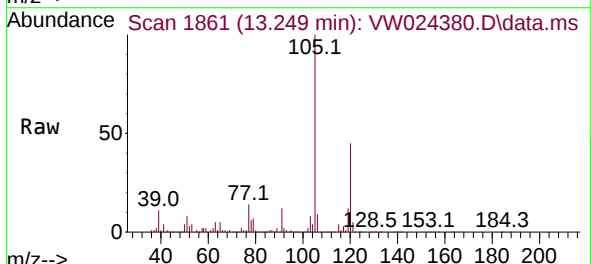
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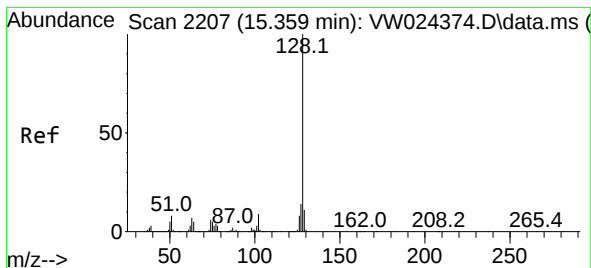
Tgt Ion:105 Resp: 101436
 Ion Ratio Lower Upper
 105 100
 120 47.0 38.4 57.6



#63
 1,2,4-Trimethylbenzene
 Concen: 16.491 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. 0.000 min
 Lab File: VW024380.D
 Acq: 27 Aug 2022 05:20

Tgt Ion:105 Resp: 210249
 Ion Ratio Lower Upper
 105 100
 120 45.6 36.2 54.2





#71

Naphthalene

Concen: 1.295 ug/L

RT: 15.359 min Scan# 21

Delta R.T. 0.000 min

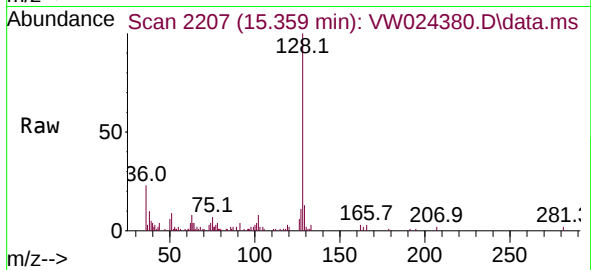
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Acq: 27 Aug 2022 05:20

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	128	Resp:	11106
Ion	Ratio	Lower	Upper
128	100		
127	6.5	10.5	15.7#
129	13.2	8.3	12.5#

