

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042622\
 Data File : VW022630.D
 Acq On : 26 Apr 2022 17:26
 Operator : SY/VA
 Sample : N2562-08RE
 Misc : 5.13g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW469RE

Quant Time: Apr 27 01:40:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Apr 27 01:34:11 2022
 Response via : Initial Calibration

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

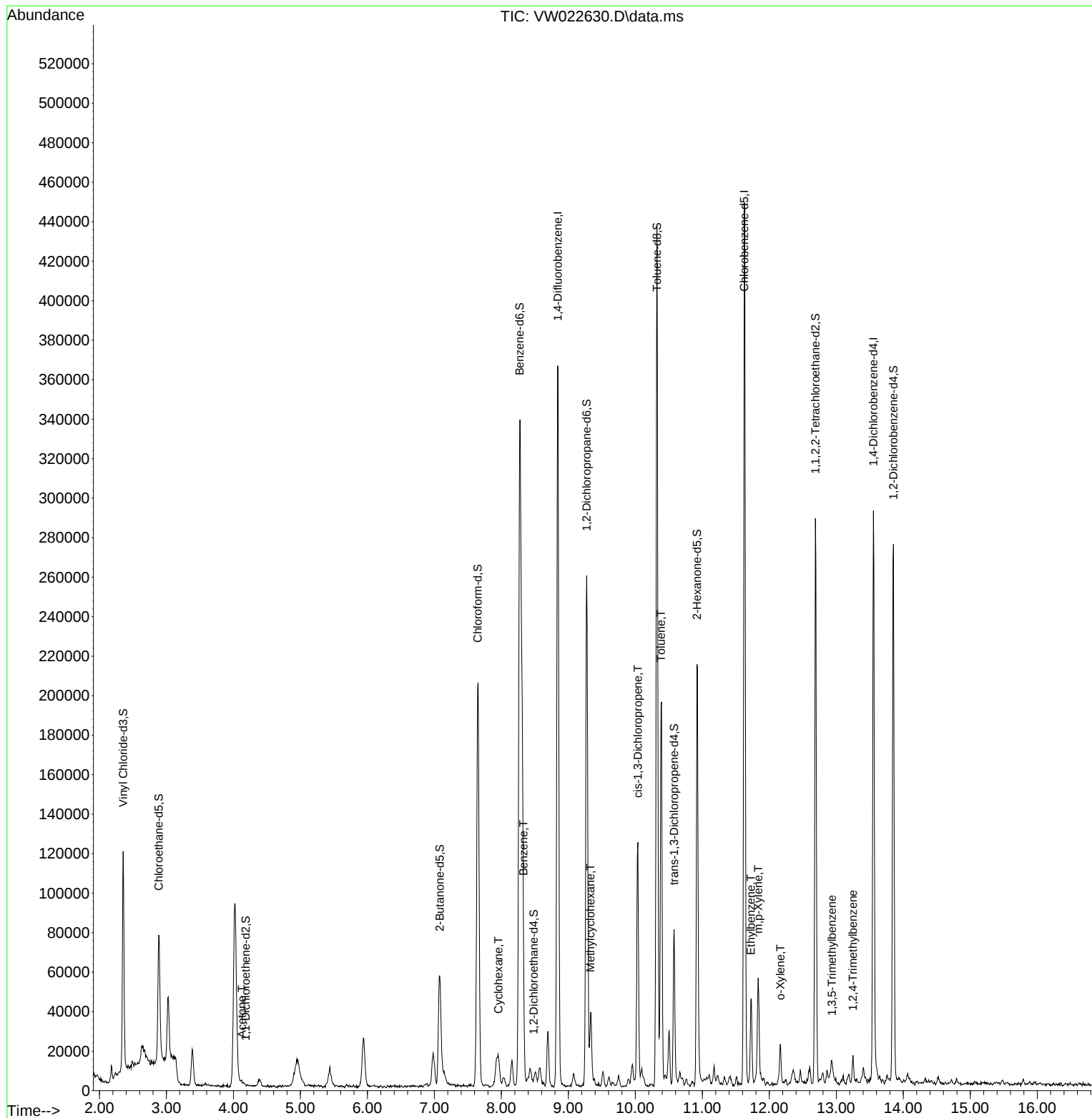
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	298765	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	237464	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	71282	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	91774	13.895	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.600%
7) Chloroethane-d5	2.885	69	79120	19.114	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.440%
11) 1,1-Dichloroethene-d2	4.184	63	91	0.011	ug/L	0.16
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.040%#
21) 2-Butanone-d5	7.080	46	94560	82.004	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	164.000%#
24) Chloroform-d	7.647	84	202440	21.678	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.720%
26) 1,2-Dichloroethane-d4	8.482	65	105	0.020	ug/L	0.18
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.080%#
32) Benzene-d6	8.274	84	347294	23.938	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.760%
36) 1,2-Dichloropropane-d6	9.274	67	116021	27.634	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.520%
41) Toluene-d8	10.323	98	271829	19.131	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.520%
43) trans-1,3-Dichloroprop...	10.579	79	41151	20.768	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.080%
47) 2-Hexanone-d5	10.920	63	74526	95.407	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	190.820%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	131763	36.909	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	147.640%#
66) 1,2-Dichlorobenzene-d4	13.853	152	67128	26.587	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.360%
Target Compounds						Qvalue
13) Acetone	4.129	43	3116	3.969	ug/L	56
29) Cyclohexane	7.957	56	9476	1.394	ug/L #	60
33) Benzene	8.329	78	38516	2.389	ug/L	100
35) Methylcyclohexane	9.329	83	14105	1.821	ug/L	97
39) cis-1,3-Dichloropropene	10.036	75	4355	0.711	ug/L #	81
42) Toluene	10.384	91	140960	7.630	ug/L	98
52) Ethylbenzene	11.725	91	29919	1.445	ug/L	97
53) m,p-Xylene	11.835	106	13224	1.680	ug/L	97
54) o-Xylene	12.164	106	5175	0.688	ug/L	88
62) 1,3,5-Trimethylbenzene	12.932	105	2333	0.358	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	6885	0.695	ug/L	96

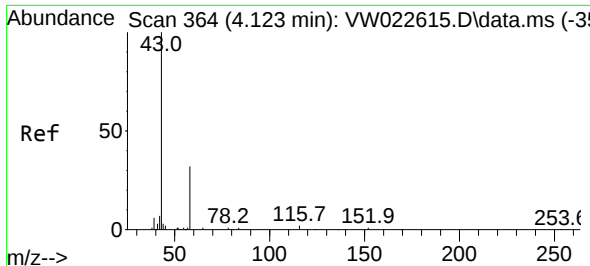
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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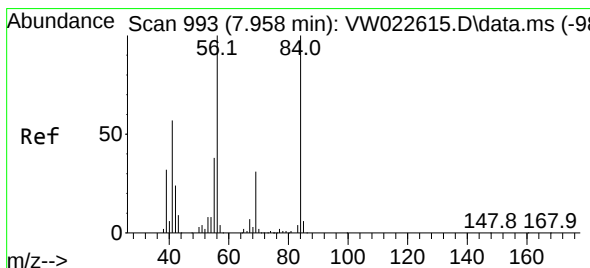
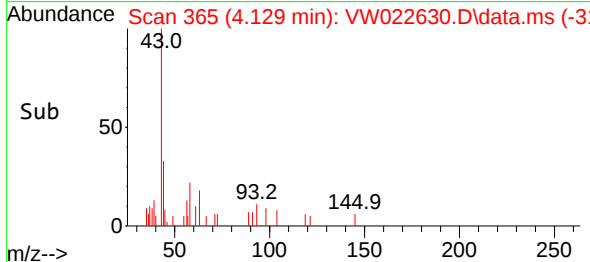
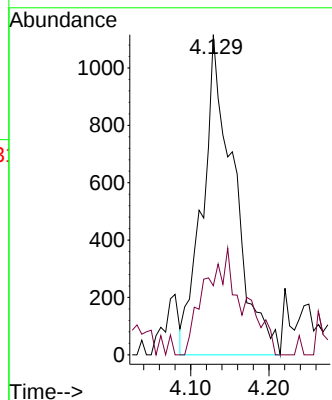
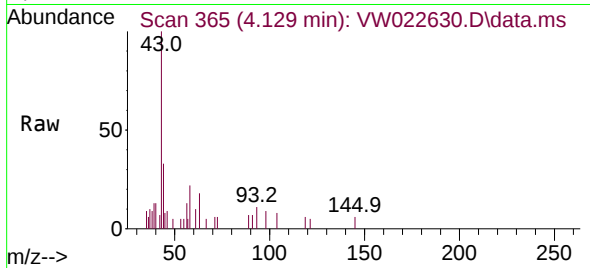




#13
 Acetone
 Concen: 3.969 ug/L
 RT: 4.129 min Scan# 364
 Delta R.T. 0.006 min
 Lab File: VW022630.D
 Acq: 26 Apr 2022 17:26

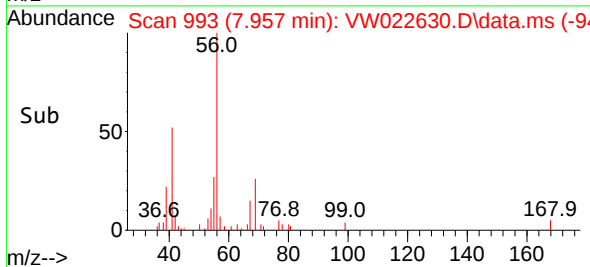
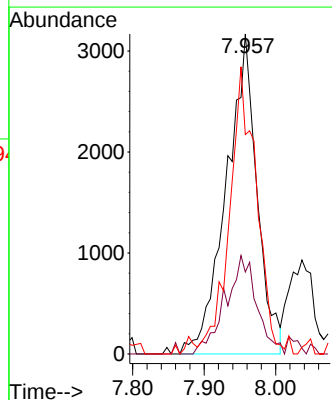
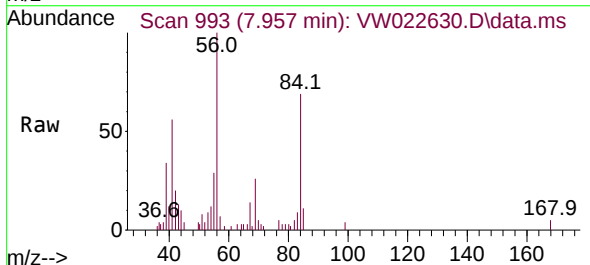
Instrument :
 MSVOA_W
 ClientSampleId :
 EW469RE

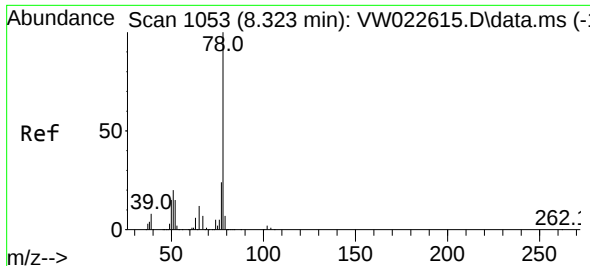
Tgt Ion: 43 Resp: 3116
 Ion Ratio Lower Upper
 43 100
 58 4.9 0.0 57.0



#29
 Cyclohexane
 Concen: 1.394 ug/L
 RT: 7.957 min Scan# 993
 Delta R.T. -0.000 min
 Lab File: VW022630.D
 Acq: 26 Apr 2022 17:26

Tgt Ion: 56 Resp: 9476
 Ion Ratio Lower Upper
 56 100
 69 22.8 24.4 36.6#
 84 44.8 72.6 108.8#





#33

Benzene

Concen: 2.389 ug/L

RT: 8.329 min Scan# 1054

Delta R.T. 0.006 min

Lab File: VW022630.D

Acq: 26 Apr 2022 17:26

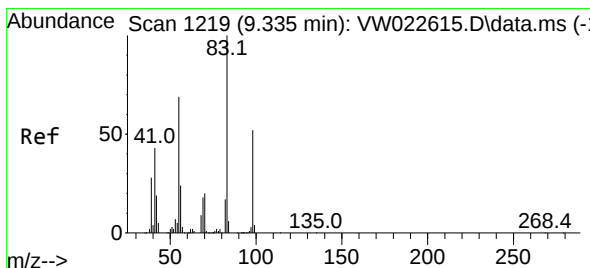
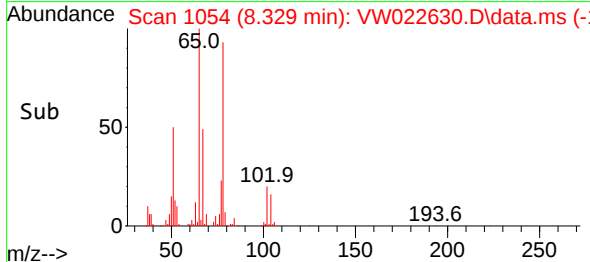
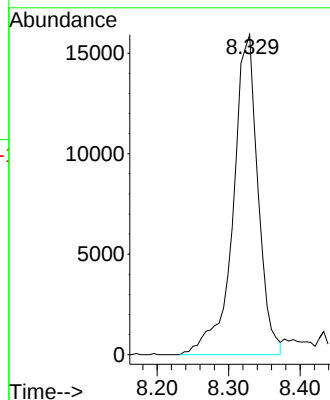
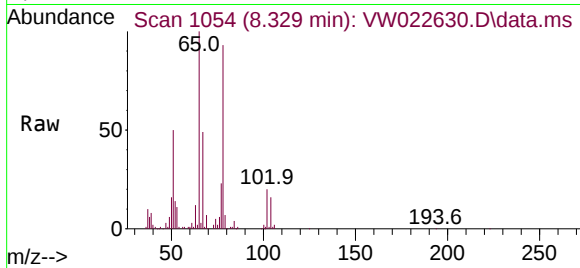
Instrument :

MSVOA_W

ClientSampleId :

EW469RE

Tgt Ion: 78 Resp: 38516



#35

Methylcyclohexane

Concen: 1.821 ug/L

RT: 9.329 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VW022630.D

Acq: 26 Apr 2022 17:26

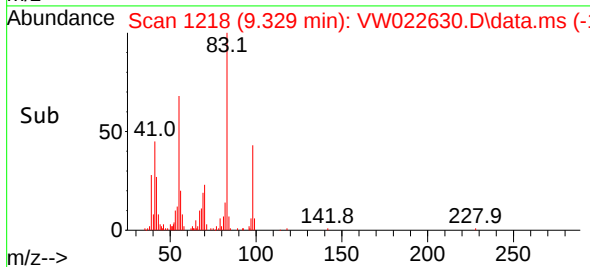
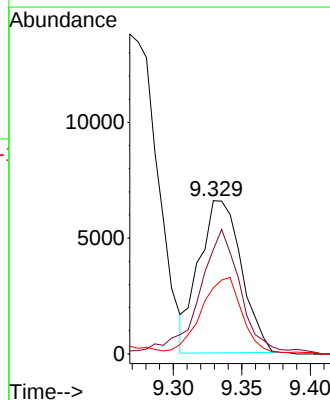
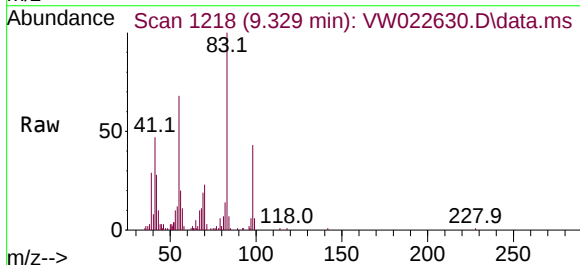
Tgt Ion: 83 Resp: 14105

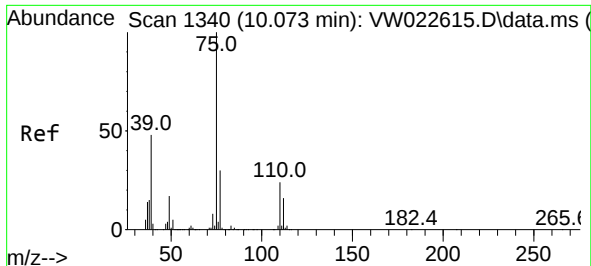
Ion Ratio Lower Upper

83 100

55 80.8 61.0 91.6

98 48.9 39.2 58.8





#39

cis-1,3-Dichloropropene

Concen: 0.711 ug/L

RT: 10.036 min Scan# 11

Delta R.T. -0.037 min

Lab File: VW022630.D

Acq: 26 Apr 2022 17:26

Instrument :

MSVOA_W

ClientSampleId :

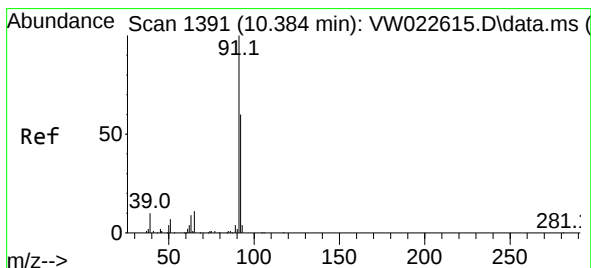
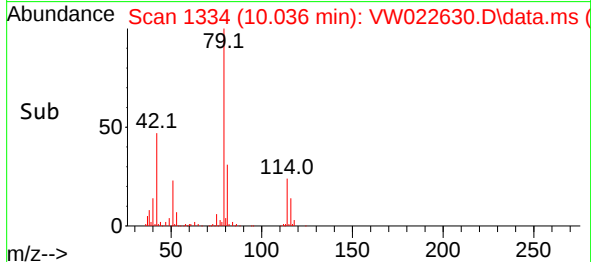
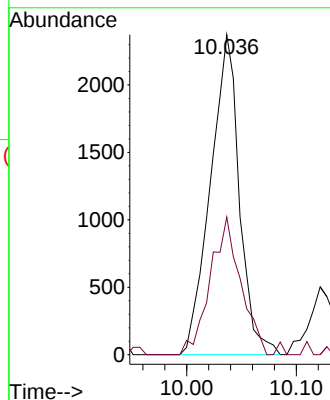
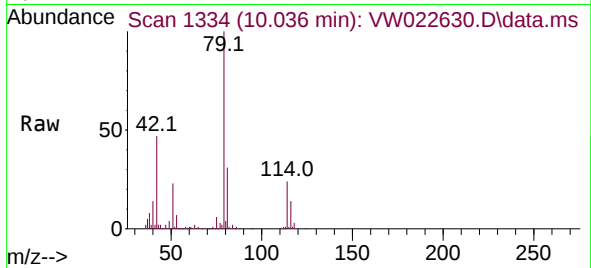
EW469RE

Tgt Ion: 75 Resp: 4355

Ion Ratio Lower Upper

75 100

77 43.0 22.6 42.0#



#42

Toluene

Concen: 7.630 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.000 min

Lab File: VW022630.D

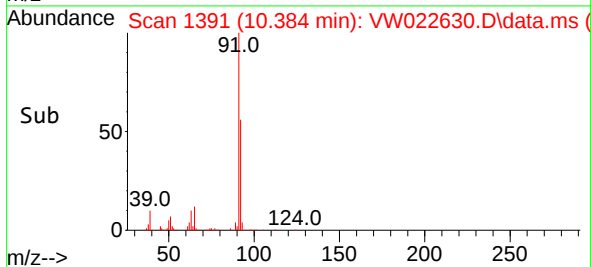
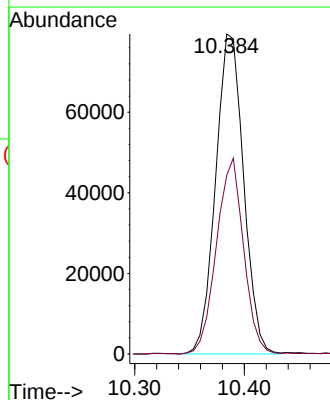
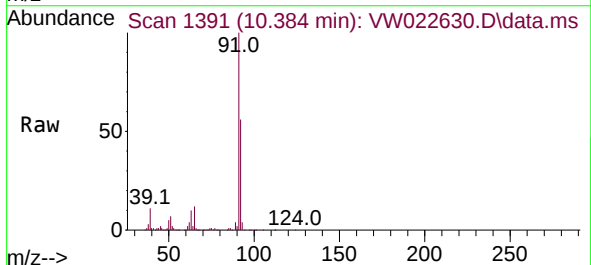
Acq: 26 Apr 2022 17:26

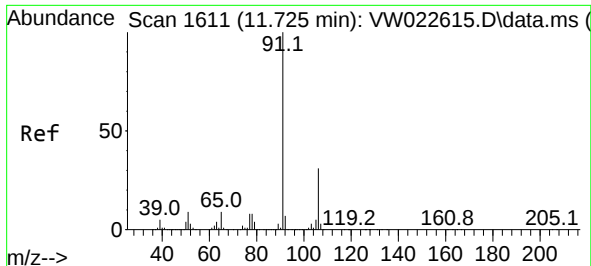
Tgt Ion: 91 Resp: 140960

Ion Ratio Lower Upper

91 100

92 55.9 38.0 70.6

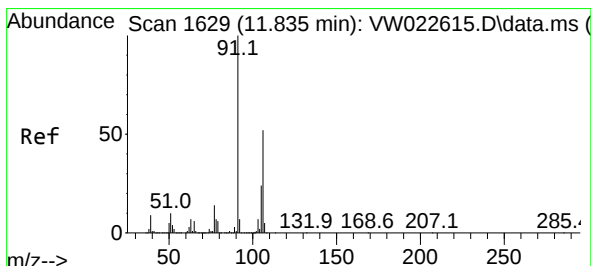
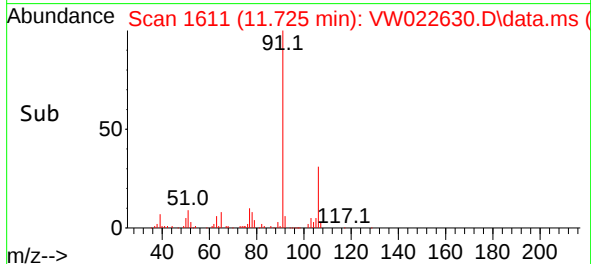
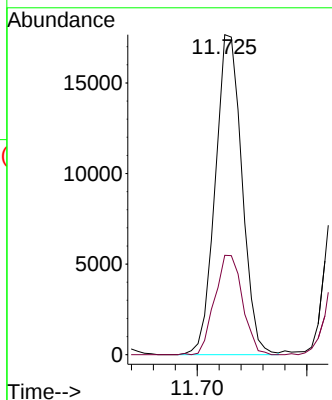
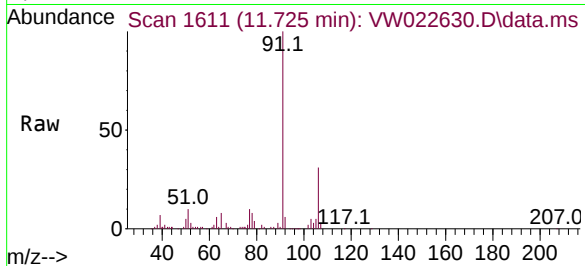




#52
Ethylbenzene
Concen: 1.445 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.000 min
Lab File: VW022630.D
Acq: 26 Apr 2022 17:26

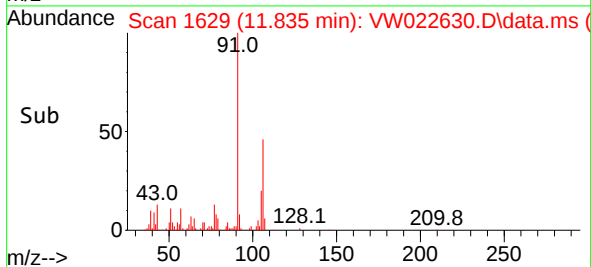
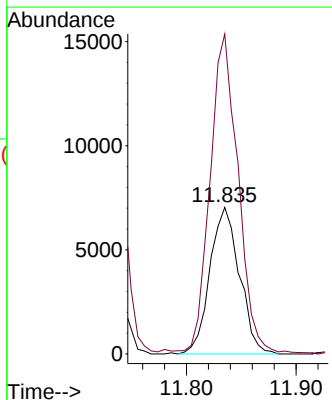
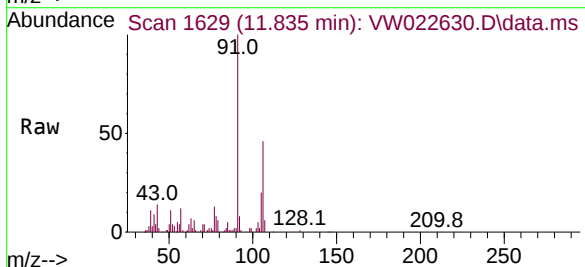
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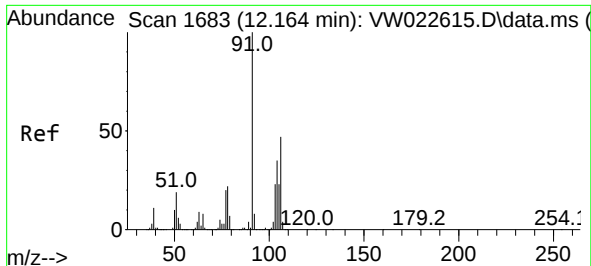
Tgt Ion: 91 Resp: 29919
Ion Ratio Lower Upper
91 100
106 31.0 20.5 38.1



#53
m,p-Xylene
Concen: 1.680 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW022630.D
Acq: 26 Apr 2022 17:26

Tgt Ion: 106 Resp: 13224
Ion Ratio Lower Upper
106 100
91 218.2 149.9 278.5

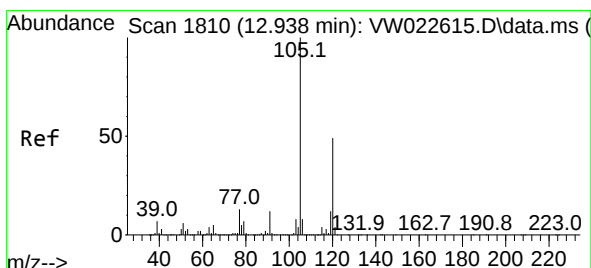
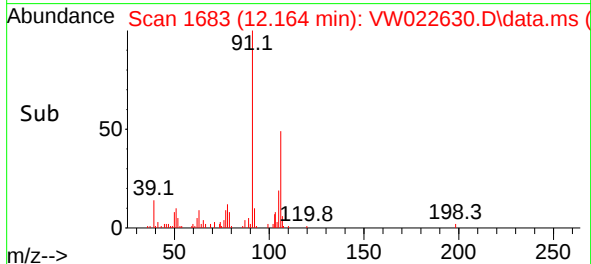
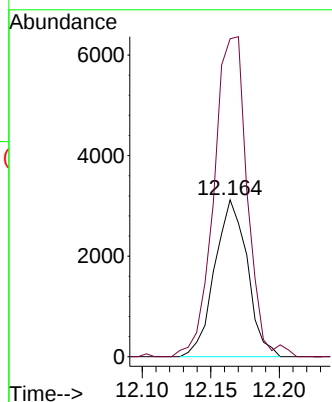
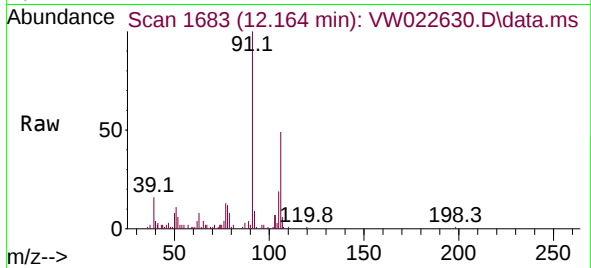




#54
o-Xylene
Concen: 0.688 ug/L
RT: 12.164 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW022630.D
Acq: 26 Apr 2022 17:26

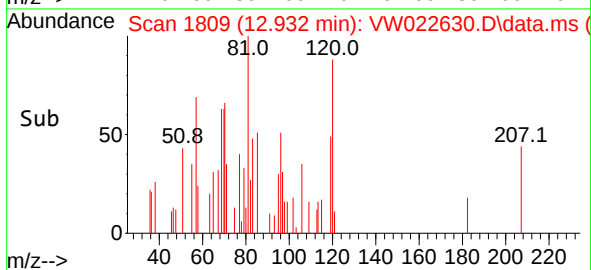
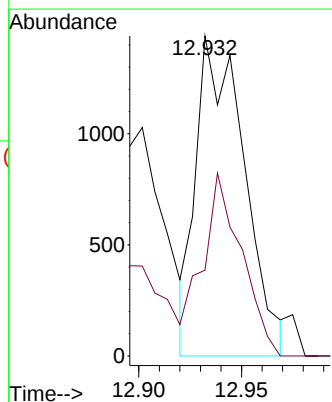
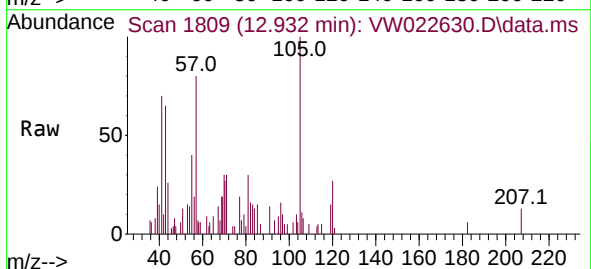
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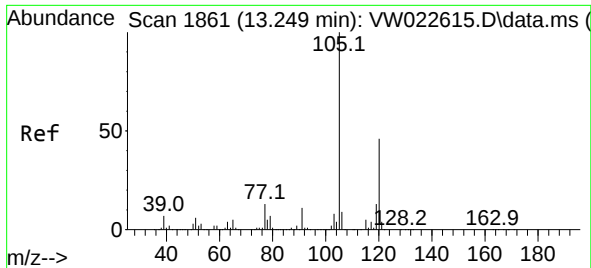
Tgt Ion:106 Resp: 5175
Ion Ratio Lower Upper
106 100
91 202.8 155.3 288.3



#62
1,3,5-Trimethylbenzene
Concen: 0.358 ug/L
RT: 12.932 min Scan# 1809
Delta R.T. -0.006 min
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Tgt Ion:105 Resp: 2333
Ion Ratio Lower Upper
105 100
120 46.6 37.5 56.3





#63
 1,2,4-Trimethylbenzene
 Concen: 0.695 ug/L
 RT: 13.249 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW022630.D
 Acq: 26 Apr 2022 17:26

Instrument :
 MSVOA_W
 ClientSampleId :
 EW469RE

Tgt Ion:105 Resp: 6885
 Ion Ratio Lower Upper
 105 100
 120 45.2 34.2 51.2

