

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060722\
 Data File : VW023415.D
 Acq On : 07 Jun 2022 16:21
 Operator : SY/VA
 Sample : N3226-07
 Misc : 6.58g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW4M4

Quant Time: Jun 08 01:22:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 08 01:20:30 2022
 Response via : Initial Calibration

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

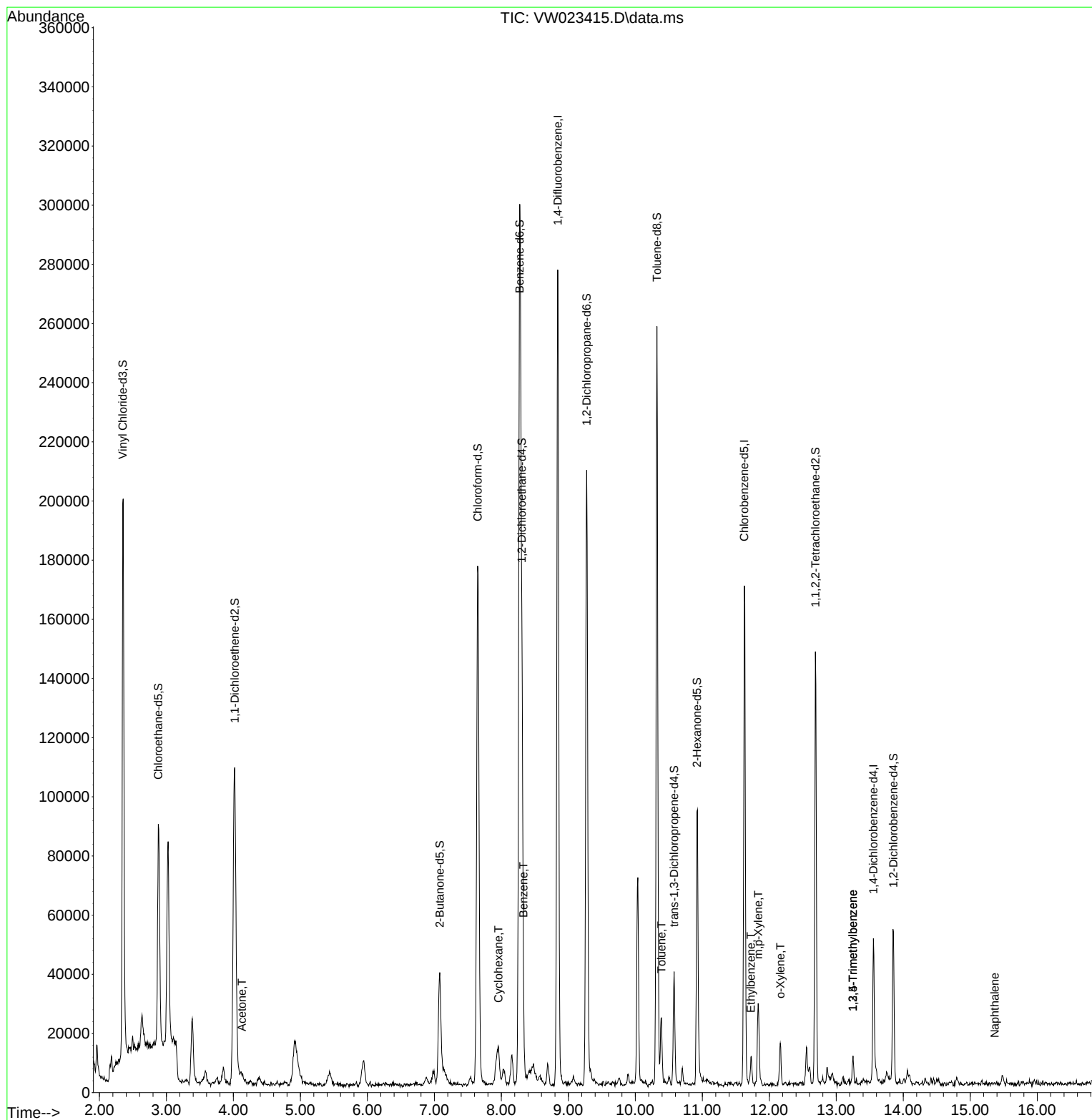
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	219311	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	91627	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	11027	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	131271	38.669	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	154.680%#
7) Chloroethane-d5	2.879	69	88174	36.871	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	147.480%
11) 1,1-Dichloroethene-d2	4.019	63	107863	21.158	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.640%
21) 2-Butanone-d5	7.080	46	61691	94.227	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	188.460%#
24) Chloroform-d	7.647	84	175748	29.719	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	118.880%
26) 1,2-Dichloroethane-d4	8.305	65	98279	31.636	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	126.560%
32) Benzene-d6	8.275	84	305742	60.111	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	240.440%#
36) 1,2-Dichloropropane-d6	9.274	67	92189	64.667	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	258.680%#
41) Toluene-d8	10.323	98	161510	33.342	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	133.360%#
43) trans-1,3-Dichloroprop...	10.579	79	19425	30.541	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	122.160%
47) 2-Hexanone-d5	10.921	63	29430	137.914	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	275.820%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	69303	56.816	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	227.280%#
66) 1,2-Dichlorobenzene-d4	13.853	152	12821	32.123	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	128.480%#
Target Compounds					Qvalue	
13) Acetone	4.129	43	4366	8.891	ug/L	88
29) Cyclohexane	7.958	56	6540	3.340	ug/L #	80
33) Benzene	8.330	78	4726	0.879	ug/L	100
42) Toluene	10.390	91	15400	2.540	ug/L	91
52) Ethylbenzene	11.725	91	5638	0.844	ug/L	85
53) m,p-Xylene	11.835	106	8299	3.210	ug/L	96
54) o-Xylene	12.164	106	3747	1.513	ug/L	99
62) 1,3,5-Trimethylbenzene	13.249	105	4612	3.531	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	4612	3.568	ug/L	99
71) Naphthalene	15.365	128	707	1.039	ug/L #	86

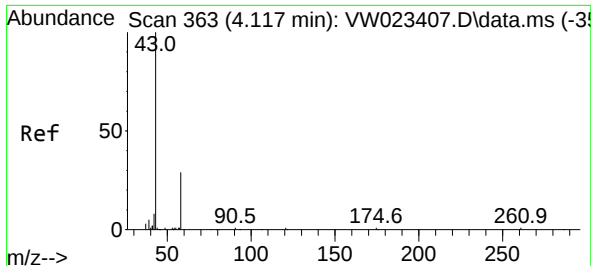
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Wed Jun 08 01:20:30 2022
Response via : Initial Calibration

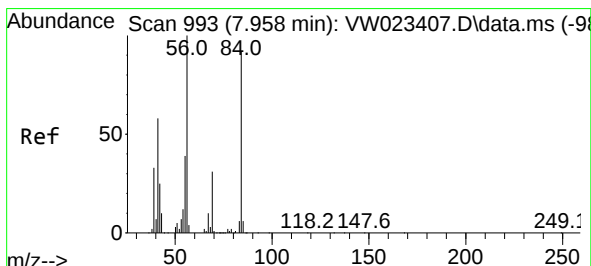
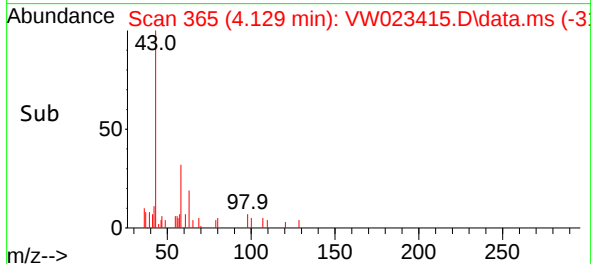
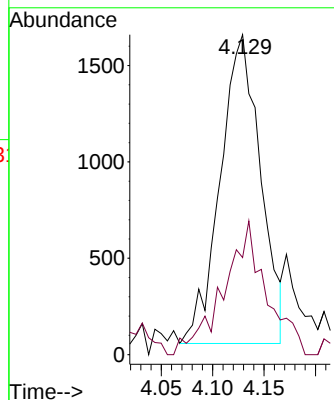
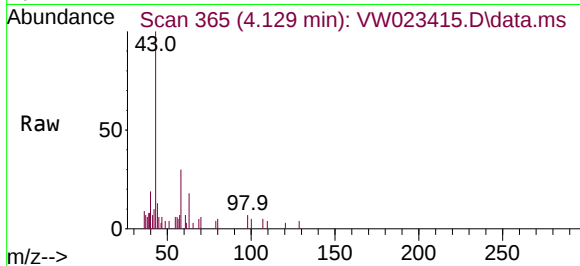




#13
Acetone
Concen: 8.891 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.012 min
Lab File: VW023415.D
Acq: 07 Jun 2022 16:21

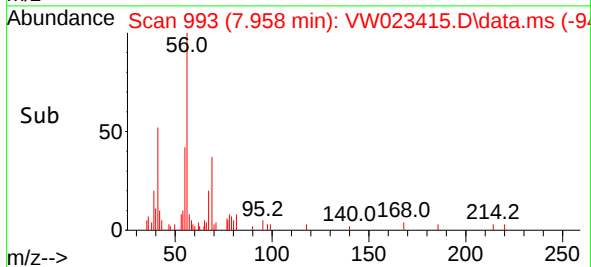
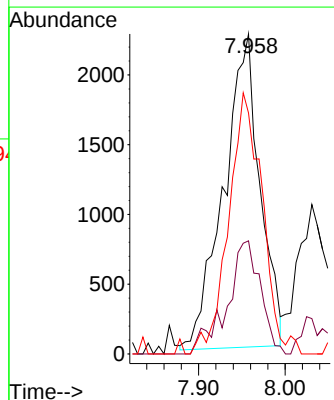
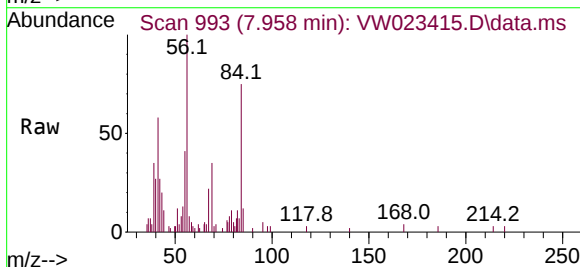
Instrument :
MSVOA_W
ClientSampleId :
EW4M4

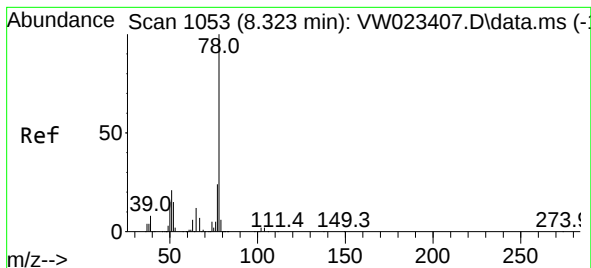
Tgt Ion: 43 Resp: 4366
Ion Ratio Lower Upper
43 100
58 25.6 0.0 64.0



#29
Cyclohexane
Concen: 3.340 ug/L
RT: 7.958 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW023415.D
Acq: 07 Jun 2022 16:21

Tgt Ion: 56 Resp: 6540
Ion Ratio Lower Upper
56 100
69 27.3 25.6 38.4
84 74.3 78.2 117.4#





#33

Benzene

Concen: 0.879 ug/L

RT: 8.330 min Scan# 1054

Delta R.T. 0.006 min

Lab File: VW023415.D

Acq: 07 Jun 2022 16:21

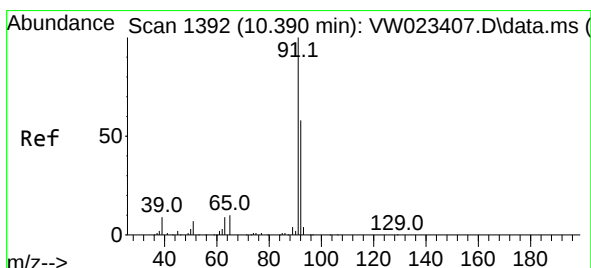
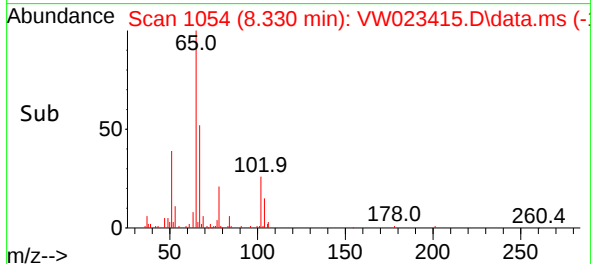
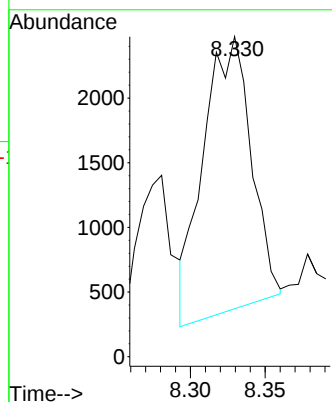
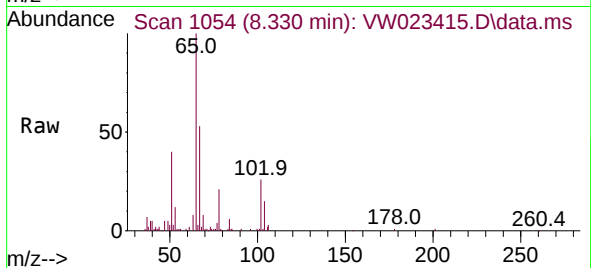
Instrument :

MSVOA_W

ClientSampleId :

EW4M4

Tgt Ion: 78 Resp: 4726



#42

Toluene

Concen: 2.540 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VW023415.D

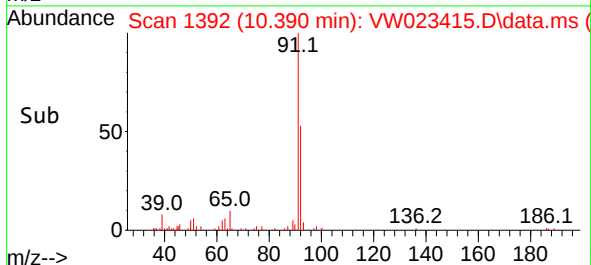
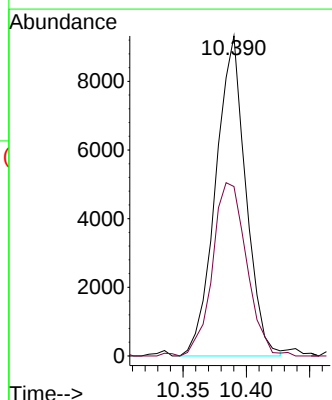
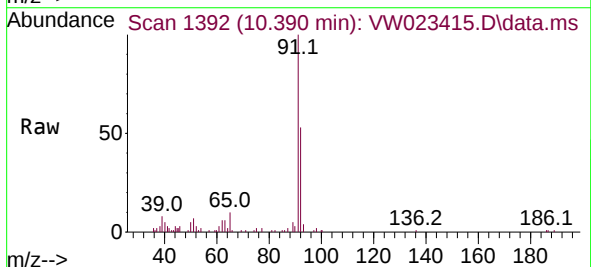
Acq: 07 Jun 2022 16:21

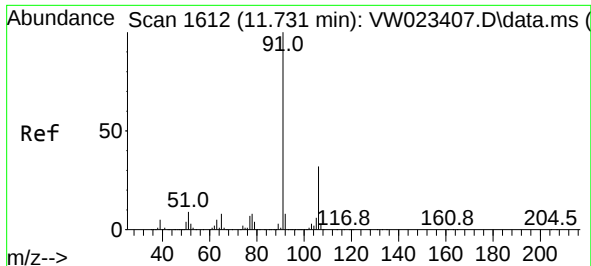
Tgt Ion: 91 Resp: 15400

Ion Ratio Lower Upper

91 100

92 52.9 41.6 77.2





#52

Ethylbenzene

Concen: 0.844 ug/L

RT: 11.725 min Scan# 1611

Delta R.T. -0.006 min

Lab File: VW023415.D

Acq: 07 Jun 2022 16:21

Instrument :

MSVOA_W

ClientSampleId :

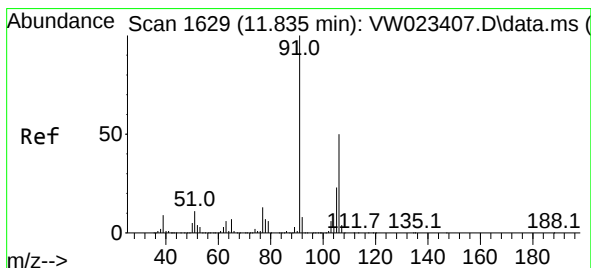
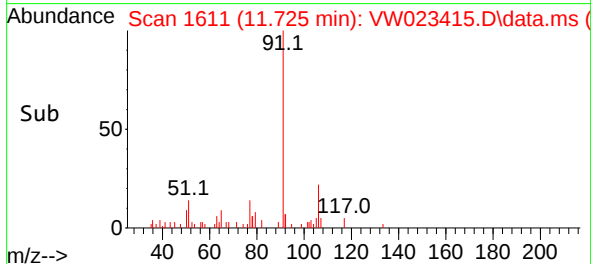
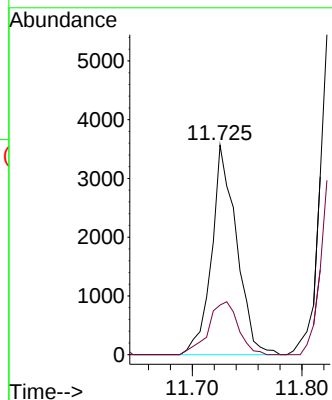
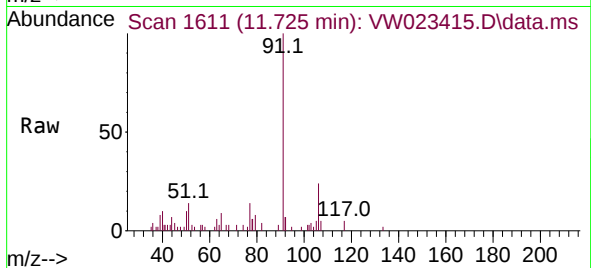
EW4M4

Tgt Ion: 91 Resp: 5638

Ion Ratio Lower Upper

91 100

106 23.7 22.3 41.3



#53

m,p-Xylene

Concen: 3.210 ug/L

RT: 11.835 min Scan# 1629

Delta R.T. -0.000 min

Lab File: VW023415.D

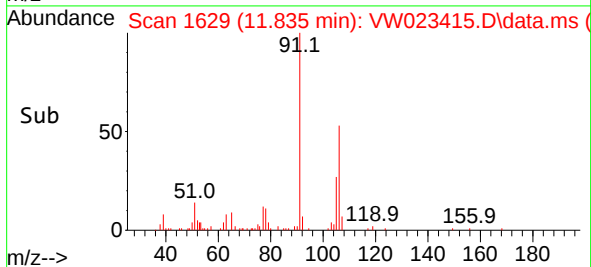
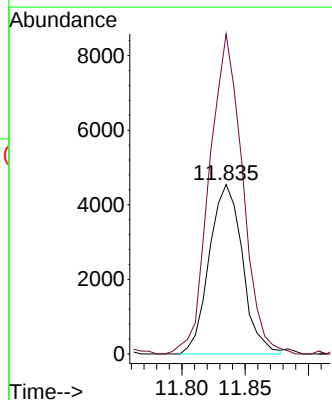
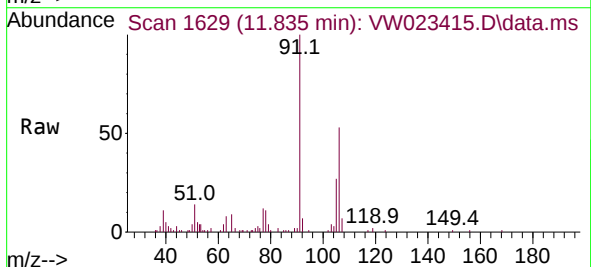
Acq: 07 Jun 2022 16:21

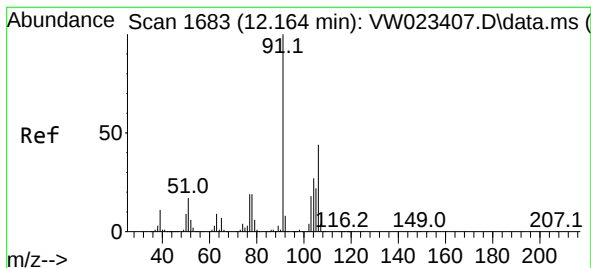
Tgt Ion:106 Resp: 8299

Ion Ratio Lower Upper

106 100

91 188.8 136.8 254.0





#54

o-Xylene

Concen: 1.513 ug/L

RT: 12.164 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW023415.D

Acq: 07 Jun 2022 16:21

Instrument :

MSVOA_W

ClientSampleId :

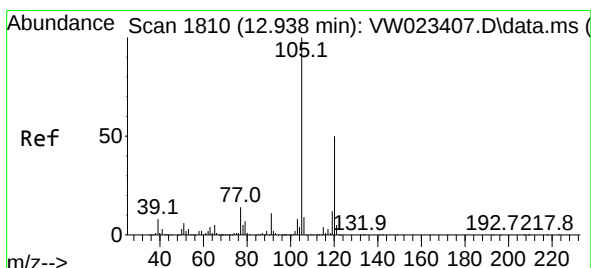
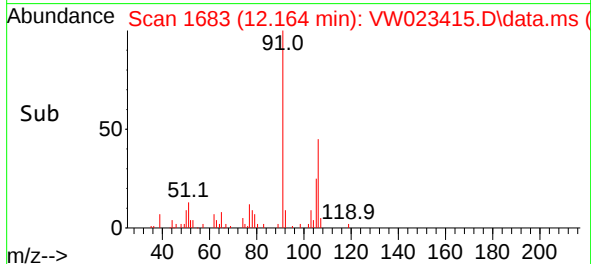
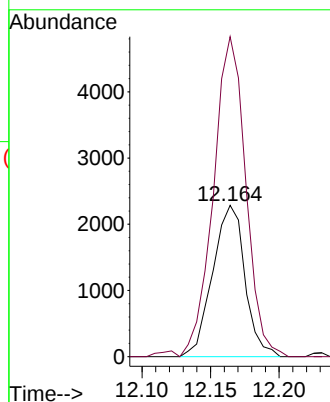
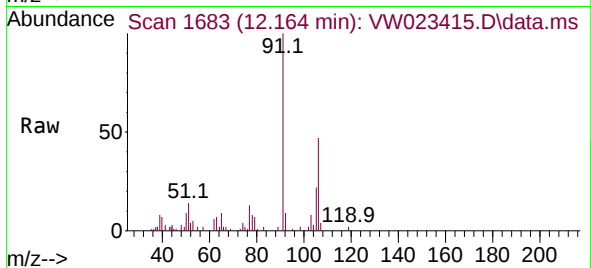
EW4M4

Tgt Ion:106 Resp: 3747

Ion Ratio Lower Upper

106 100

91 211.4 147.2 273.4



#62

1,3,5-Trimethylbenzene

Concen: 3.531 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.311 min

Lab File: VW023415.D

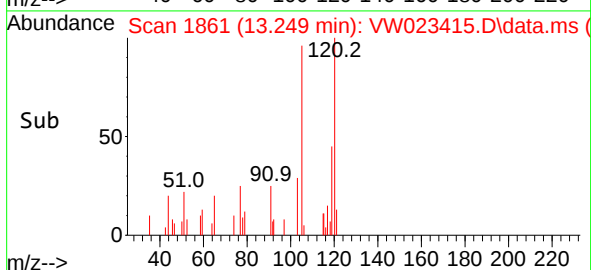
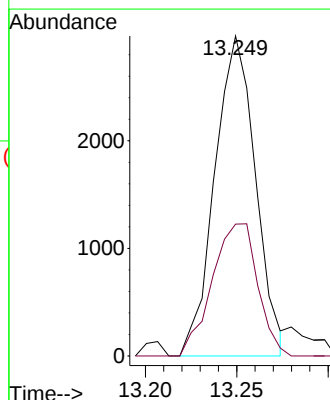
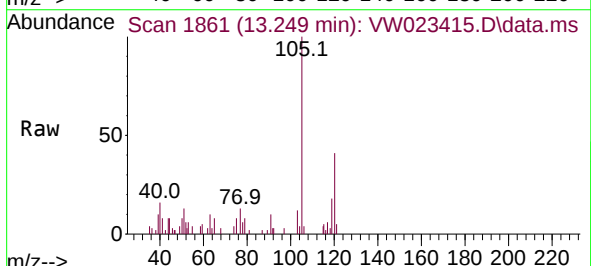
Acq: 07 Jun 2022 16:21

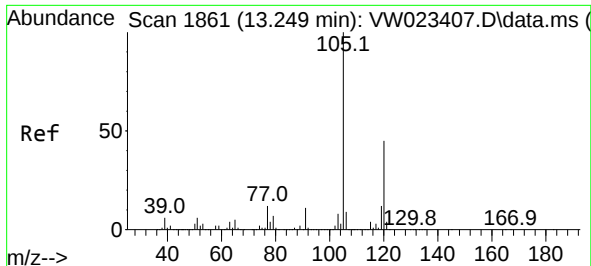
Tgt Ion:105 Resp: 4612

Ion Ratio Lower Upper

105 100

120 46.2 38.9 58.3

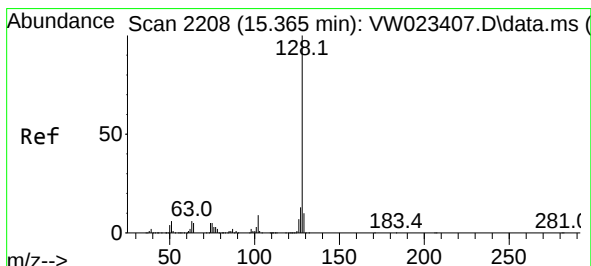
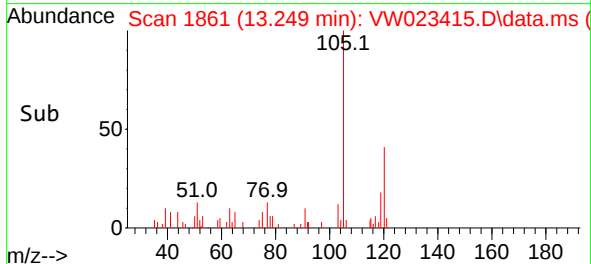
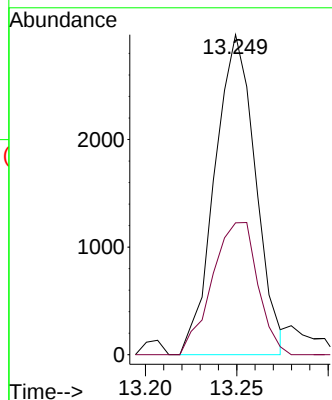
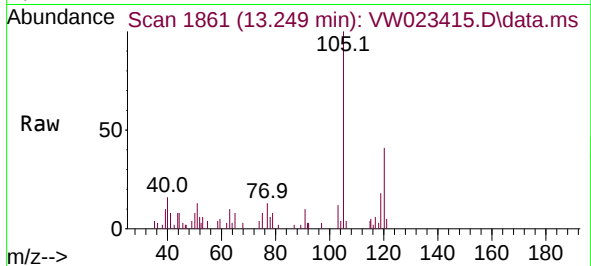




#63
1,2,4-Trimethylbenzene
Concen: 3.568 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW023415.D
Acq: 07 Jun 2022 16:21

Instrument :
MSVOA_W
ClientSampleId :
EW4M4

Tgt Ion:105 Resp: 4612
Ion Ratio Lower Upper
105 100
120 46.2 37.4 56.2



#71
Naphthalene
Concen: 1.039 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW023415.D
Acq: 07 Jun 2022 16:21

Tgt Ion:128 Resp: 707
Ion Ratio Lower Upper
128 100
127 6.9 10.6 16.0#
129 6.1 8.7 13.1#

