

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060722\
 Data File : VW023413.D
 Acq On : 07 Jun 2022 15:33
 Operator : SY/VA
 Sample : N3226-05
 Misc : 6.37g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW4L6

Quant Time: Jun 08 01:22:22 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)

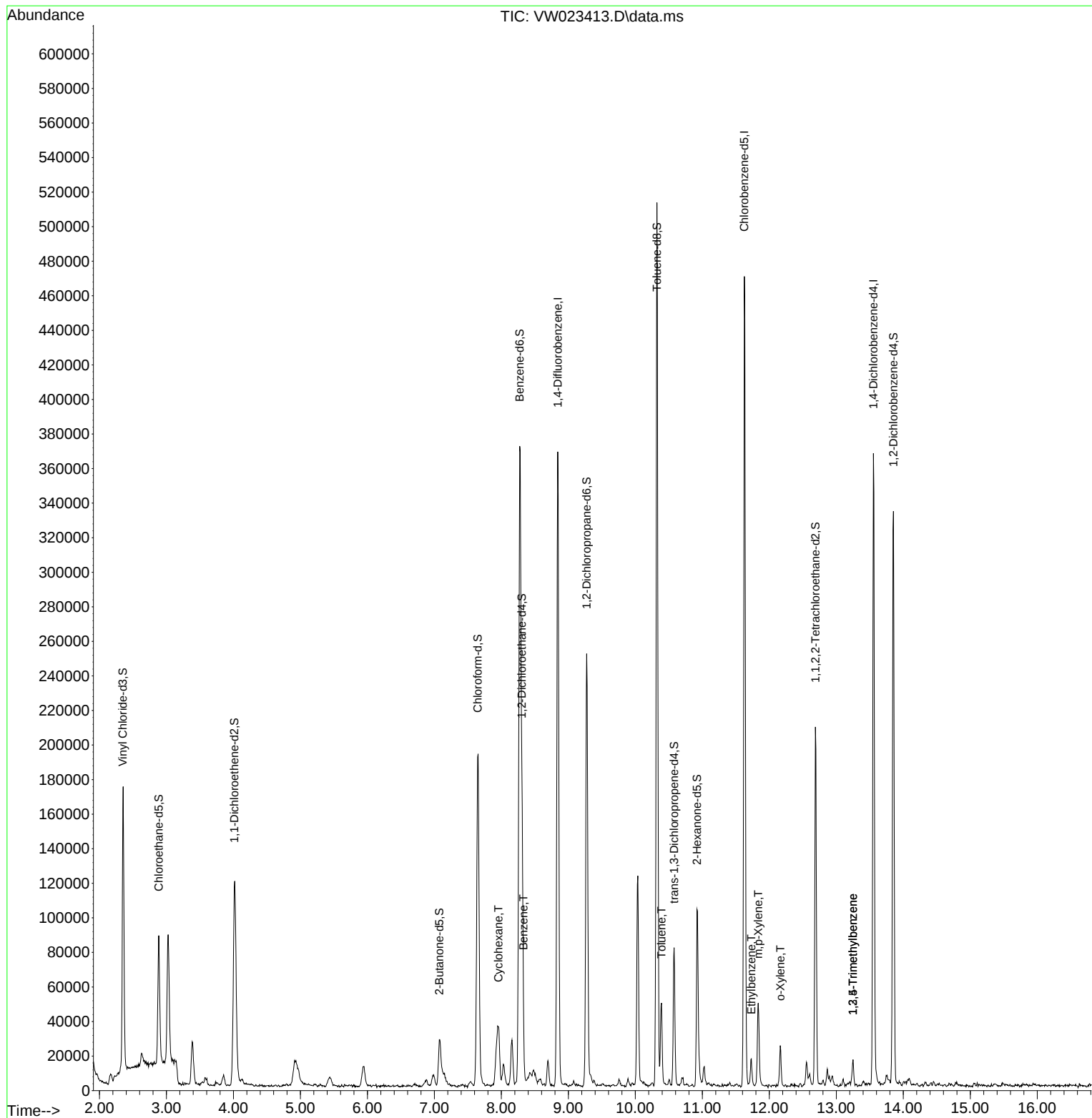
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	296394	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	251784	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	88323	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	116368	25.364	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.440%
7) Chloroethane-d5	2.885	69	79807	24.693	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.760%
11) 1,1-Dichloroethene-d2	4.013	63	117636	17.074	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.280%
21) 2-Butanone-d5	7.074	46	43212	48.837	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.680%
24) Chloroform-d	7.647	84	191397	23.948	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.800%
26) 1,2-Dichloroethane-d4	8.305	65	112509	26.798	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.200%
32) Benzene-d6	8.275	84	375020	26.832	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.320%
36) 1,2-Dichloropropane-d6	9.274	67	109564	27.968	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.880%
41) Toluene-d8	10.323	98	330847	24.855	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.400%
43) trans-1,3-Dichloroprop...	10.579	79	42781	24.478	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.920%
47) 2-Hexanone-d5	10.920	63	33674	57.426	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.860%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	95807	28.583	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.320%
66) 1,2-Dichlorobenzene-d4	13.853	152	81057	25.355	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.440%
Target Compounds						Qvalue
29) Cyclohexane	7.957	56	18973	3.527	ug/L	# 82
33) Benzene	8.329	78	8463	0.573	ug/L	100
42) Toluene	10.390	91	34157	2.050	ug/L	98
52) Ethylbenzene	11.731	91	9074	0.494	ug/L	99
53) m,p-Xylene	11.835	106	13897	1.956	ug/L	80
54) o-Xylene	12.164	106	5747	0.844	ug/L	80
62) 1,3,5-Trimethylbenzene	13.249	105	7604	0.727	ug/L	92
63) 1,2,4-Trimethylbenzene	13.249	105	7604	0.734	ug/L	94

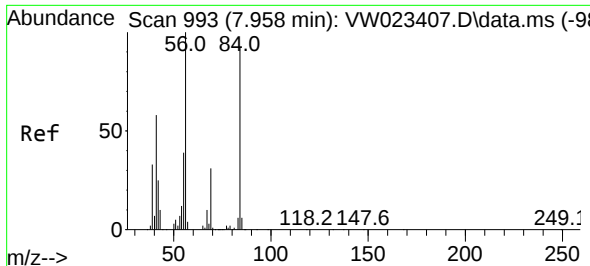
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#29

Cyclohexane

Concen: 3.527 ug/L

RT: 7.957 min Scan# 993

Delta R.T. -0.000 min

Lab File: VW023413.D

Acq: 07 Jun 2022 15:33

Instrument :

MSVOA_W

ClientSampleId :

EW4L6

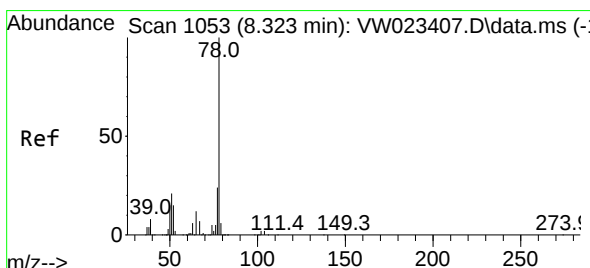
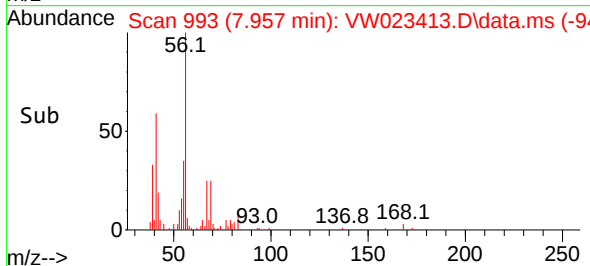
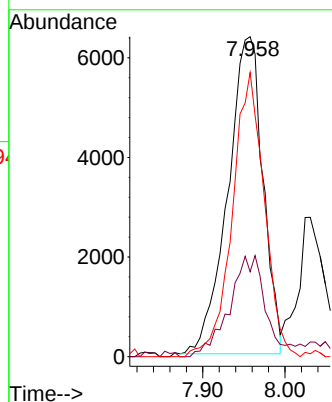
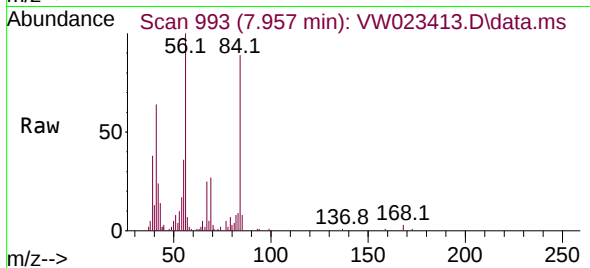
Tgt Ion: 56 Resp: 18973

Ion Ratio Lower Upper

56 100

69 20.0 25.6 38.4#

84 80.9 78.2 117.4



#33

Benzene

Concen: 0.573 ug/L

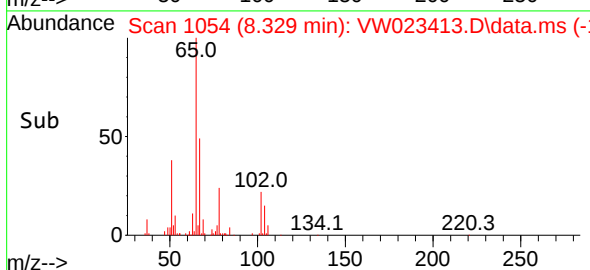
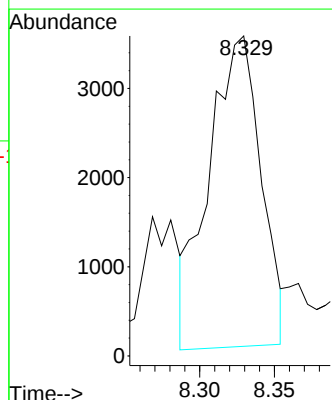
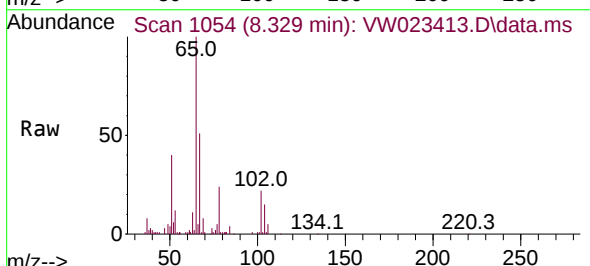
RT: 8.329 min Scan# 1054

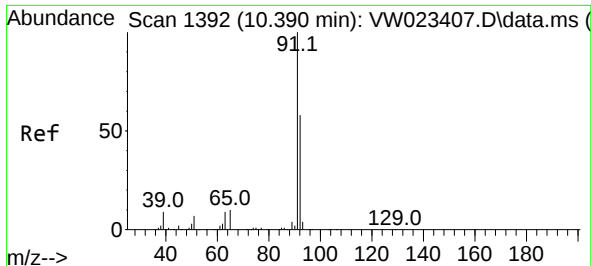
Delta R.T. 0.006 min

Lab File: VW023413.D

Acq: 07 Jun 2022 15:33

Tgt Ion: 78 Resp: 8463

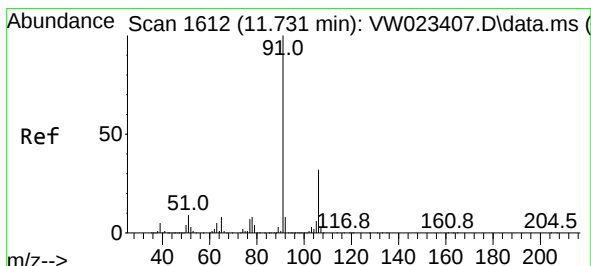
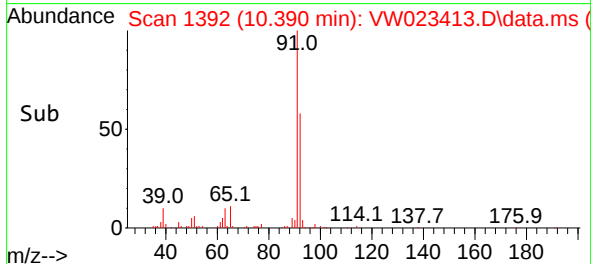
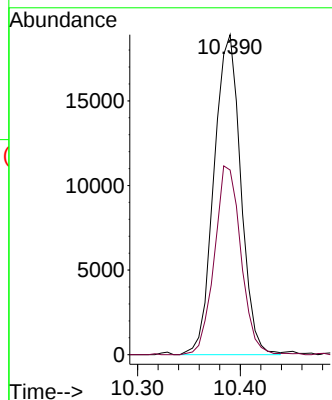
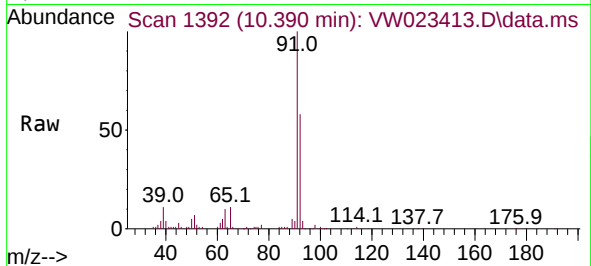




#42
Toluene
Concen: 2.050 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW023413.D
Acq: 07 Jun 2022 15:33

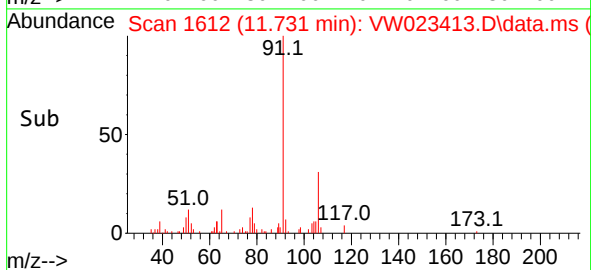
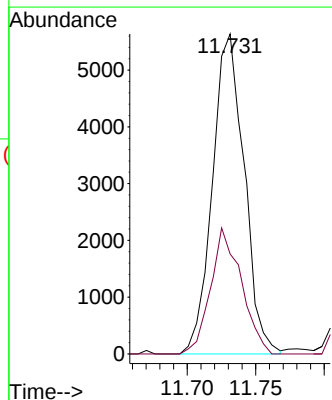
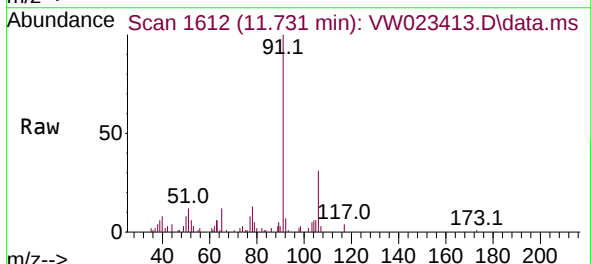
Instrument :
MSVOA_W
ClientSampleId :
EW4L6

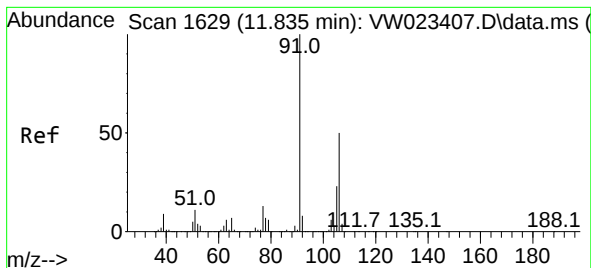
Tgt Ion: 91 Resp: 34157
Ion Ratio Lower Upper
91 100
92 57.7 41.6 77.2



#52
Ethylbenzene
Concen: 0.494 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW023413.D
Acq: 07 Jun 2022 15:33

Tgt Ion: 91 Resp: 9074
Ion Ratio Lower Upper
91 100
106 31.2 22.3 41.3

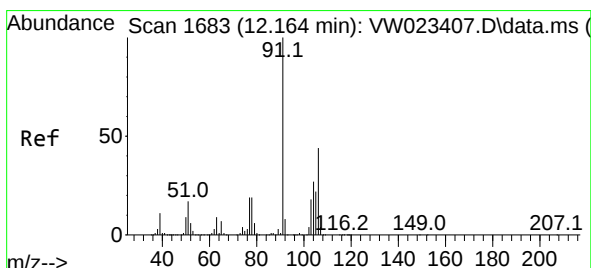
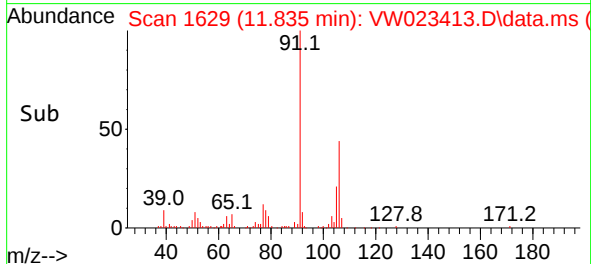
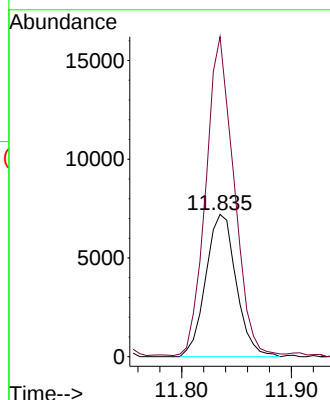
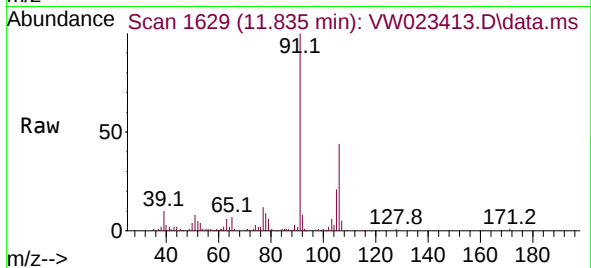




#53
m,p-Xylene
Concen: 1.956 ug/L
RT: 11.835 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW023413.D
Acq: 07 Jun 2022 15:33

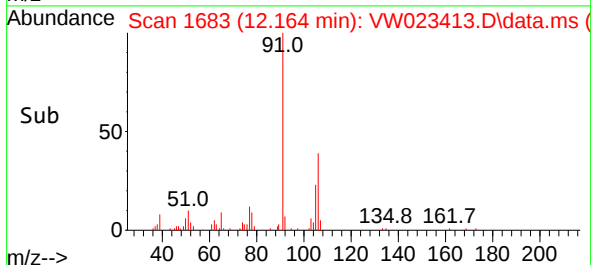
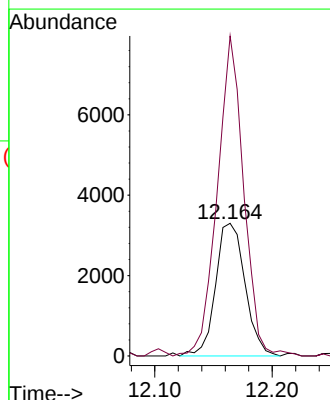
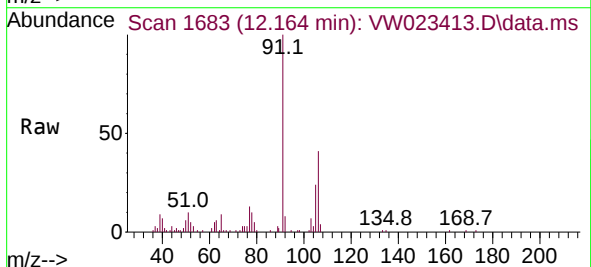
Instrument :
MSVOA_W
ClientSampleId :
EW4L6

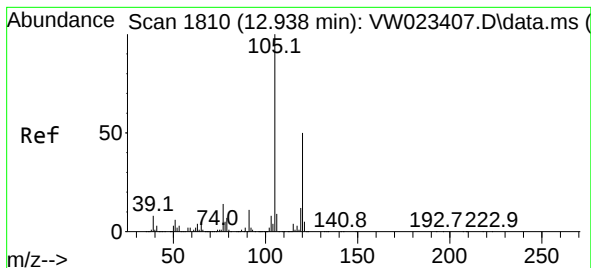
Tgt Ion:106 Resp: 13897
Ion Ratio Lower Upper
106 100
91 225.1 136.8 254.0



#54
o-Xylene
Concen: 0.844 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW023413.D
Acq: 07 Jun 2022 15:33

Tgt Ion:106 Resp: 5747
Ion Ratio Lower Upper
106 100
91 241.4 147.2 273.4





#62

1,3,5-Trimethylbenzene

Concen: 0.727 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.311 min

Lab File: VW023413.D

Acq: 07 Jun 2022 15:33

Instrument :

MSVOA_W

ClientSampleId :

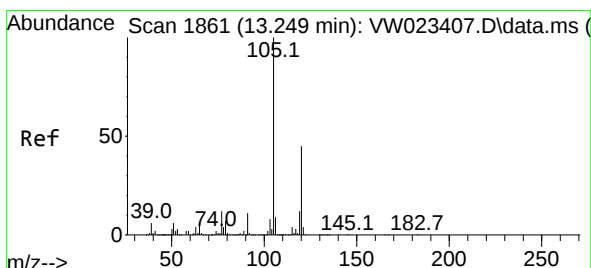
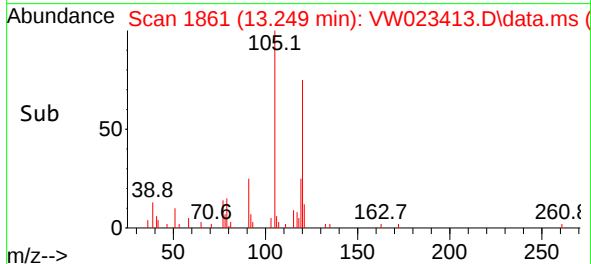
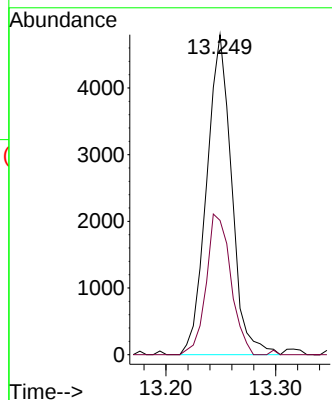
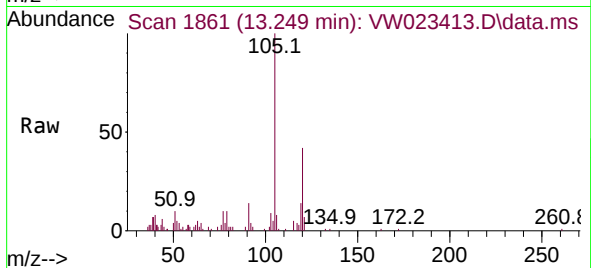
EW4L6

Tgt Ion:105 Resp: 7604

Ion Ratio Lower Upper

105 100

120 43.1 38.9 58.3



#63

1,2,4-Trimethylbenzene

Concen: 0.734 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW023413.D

Acq: 07 Jun 2022 15:33

Tgt Ion:105 Resp: 7604

Ion Ratio Lower Upper

105 100

120 43.1 37.4 56.2

