Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060722\
Data File : VW023410.D
Acq On : 07 Jun 2022 13:27
Operator : SY/VA
Sample : N3226-03
Misc : 6.37g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW4L4

Quant Time: Jun 08 01:21:40 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	303721	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	165725	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	28410	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	124048	26.386	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 105.560%			
7) Chloroethane-d5	2.891	69	92610	27.963	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 111.840%			
11) 1,1-Dichloroethene-d2	4.013	63	121528	17.213	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 68.840%			
21) 2-Butanone-d5	7.074	46	48440	53.425	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 106.840%			
24) Chloroform-d	7.647	84	191350	23.364	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 93.440%			
26) 1,2-Dichloroethane-d4	8.305	65	102749	23.883	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.520%			
32) Benzene-d6	8.275	84	354519	38.537	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 154.160%#			
36) 1,2-Dichloropropane-d6	9.274	67	110280	42.769	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 171.080%#			
41) Toluene-d8	10.323	98	248126	28.320	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 113.280%			
43) trans-1,3-Dichloroprop...	10.579	79	28671	24.923	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 99.680%			
47) 2-Hexanone-d5	10.927	63	30643	79.394	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 158.780%#			
56) 1,1,2,2-Tetrachloroeth...	12.689	84	79440	36.008	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 144.040%#			
66) 1,2-Dichlorobenzene-d4	13.853	152	31204	30.345	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 121.400%#			
Target Compounds						Qvalue
13) Acetone	4.129	43	7565	11.124	ug/L	67
14) Carbon disulfide	4.385	76	67885	6.100	ug/L	100
29) Cyclohexane	7.952	56	14871	4.200	ug/L	86
33) Benzene	8.323	78	15933	1.638	ug/L	100
35) Methylcyclohexane	9.342	83	2599	0.595	ug/L	90
42) Toluene	10.384	91	33010	3.010	ug/L	90
52) Ethylbenzene	11.731	91	7785	0.644	ug/L	97
53) m,p-Xylene	11.835	106	10675	2.283	ug/L	100
54) o-Xylene	12.164	106	4346	0.970	ug/L	96
63) 1,2,4-Trimethylbenzene	13.243	105	6687	2.008	ug/L	99

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

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Quant Title : SFAM01.0
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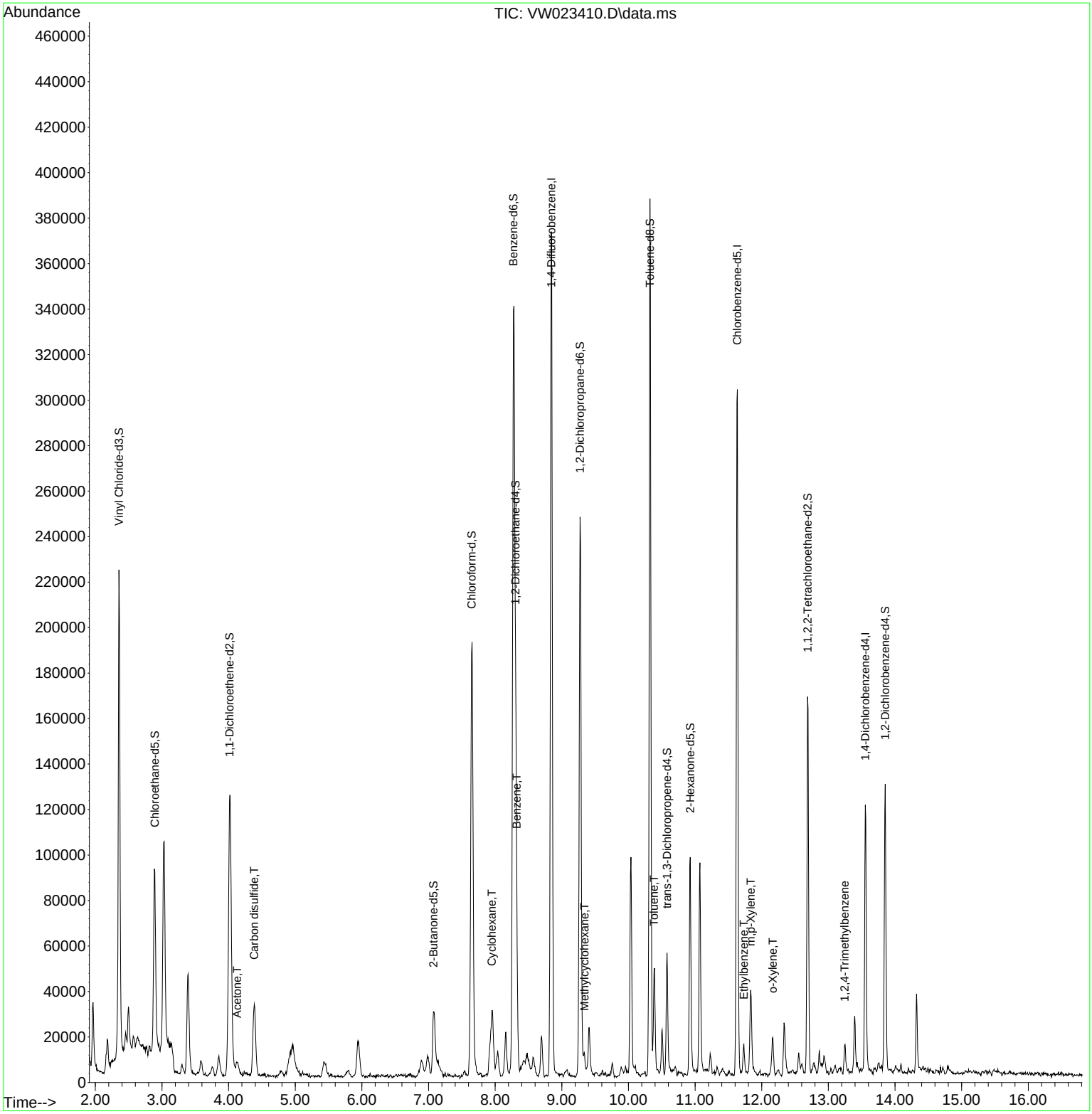
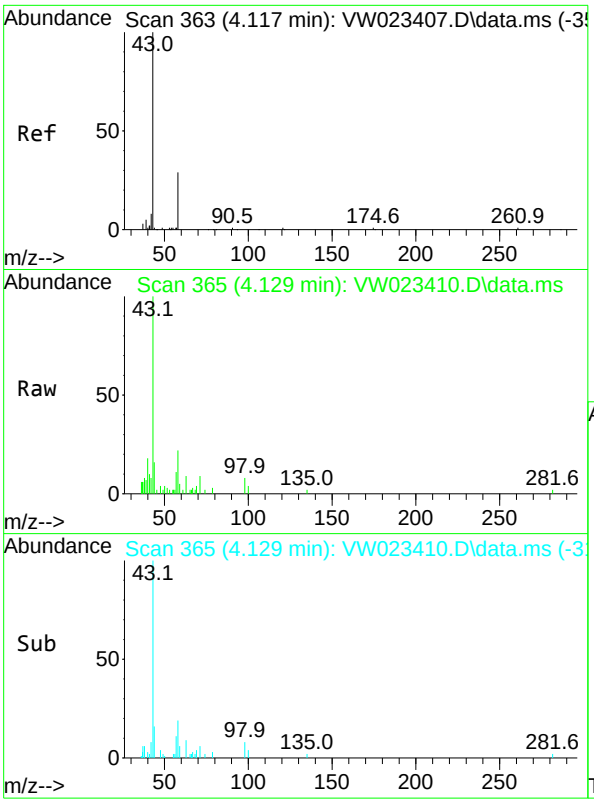


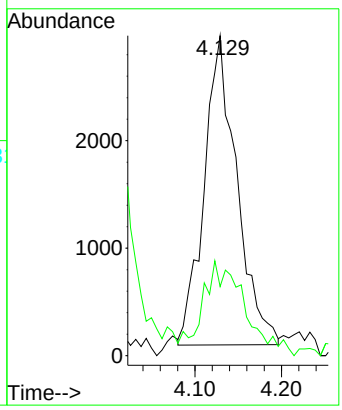


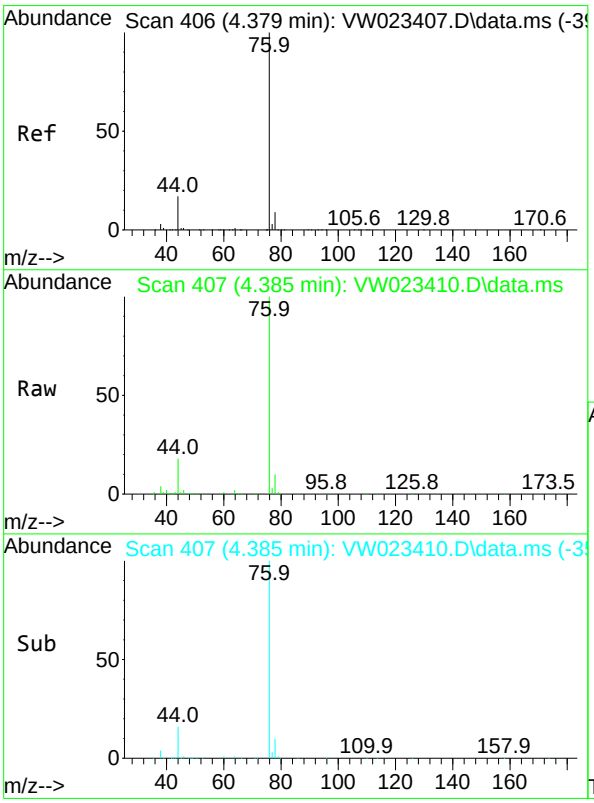
#13
Acetone
Concen: 11.124 ug/L
RT: 4.129 min Scan# 3
Delta R.T. 0.012 min
Lab File: VW023410.D
Acq: 07 Jun 2022 13:27

Instrument :
MSVOA_W
ClientSampleId :
EW4L4

Tgt Ion: 43 Resp: 7565

Ion	Ratio	Lower	Upper
43	100		
58	13.4	0.0	64.0

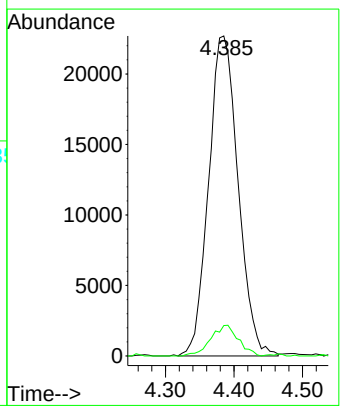


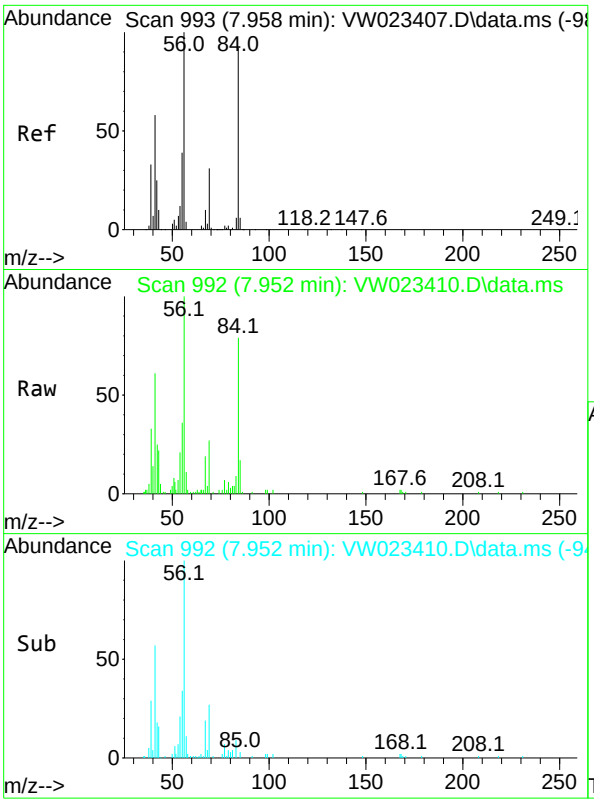


#14
Carbon disulfide
Concen: 6.100 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.006 min
Lab File: VW023410.D
Acq: 07 Jun 2022 13:27

Tgt Ion: 76 Resp: 67885

Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.7	11.5



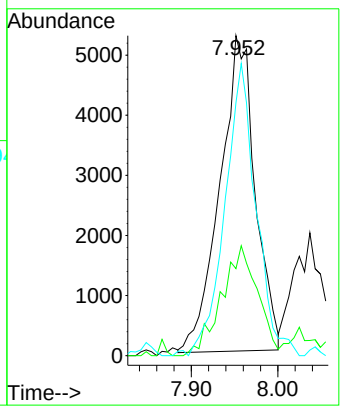


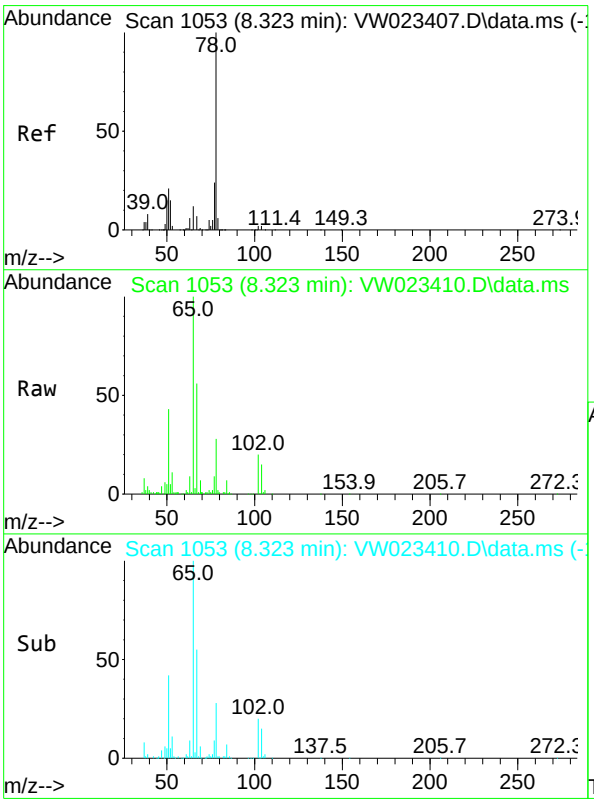
#29
Cyclohexane
Concen: 4.200 ug/L
RT: 7.952 min Scan# 9
Delta R.T. -0.006 min
Lab File: VW023410.D
Acq: 07 Jun 2022 13:27

Instrument :
MSVOA_W
ClientSampleId :
EW4L4

Tgt Ion: 56 Resp: 14871

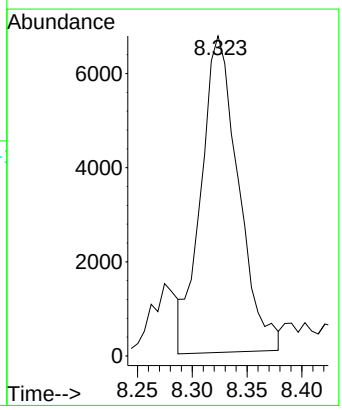
Ion	Ratio	Lower	Upper
56	100		
69	31.1	25.6	38.4
84	80.2	78.2	117.4

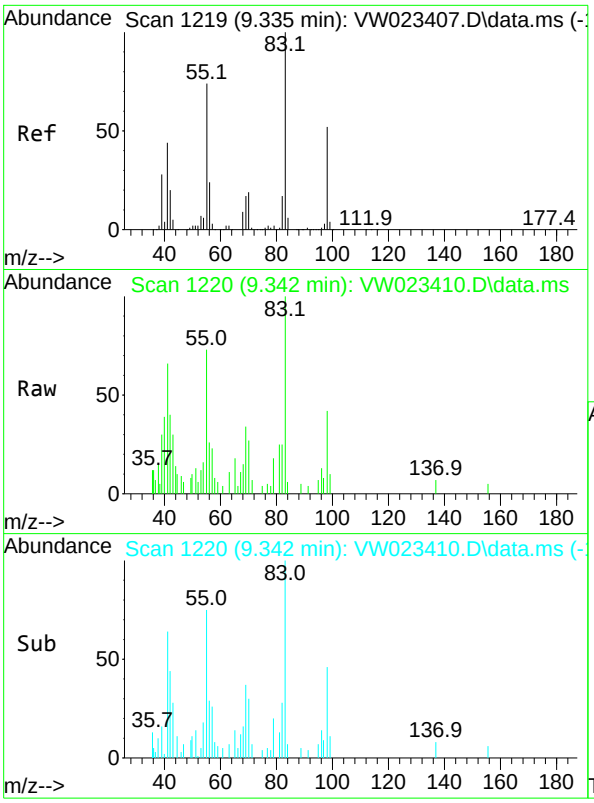




#33
Benzene
Concen: 1.638 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW023410.D
Acq: 07 Jun 2022 13:27

Tgt Ion: 78 Resp: 15933



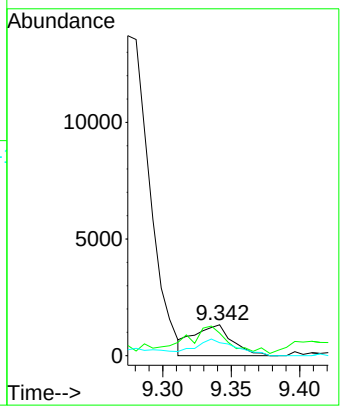


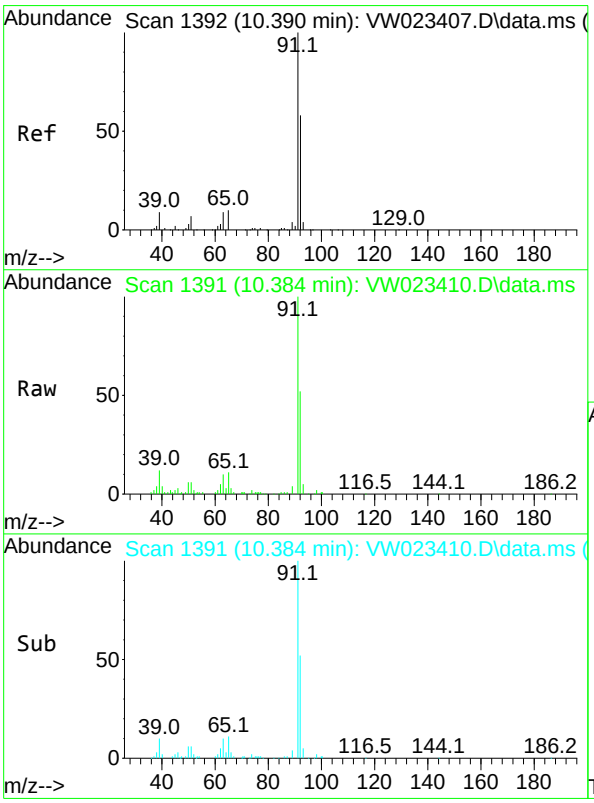
#35
Methylcyclohexane
Concen: 0.595 ug/L
RT: 9.342 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW023410.D
Acq: 07 Jun 2022 13:27

Instrument :
MSVOA_W
ClientSampleId :
EW4L4

Tgt Ion: 83 Resp: 2599

Ion	Ratio	Lower	Upper
83	100		
55	57.6	55.1	82.7
98	54.2	40.4	60.6

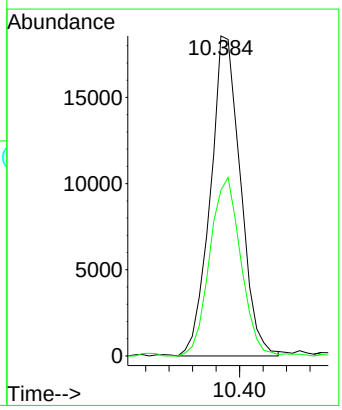


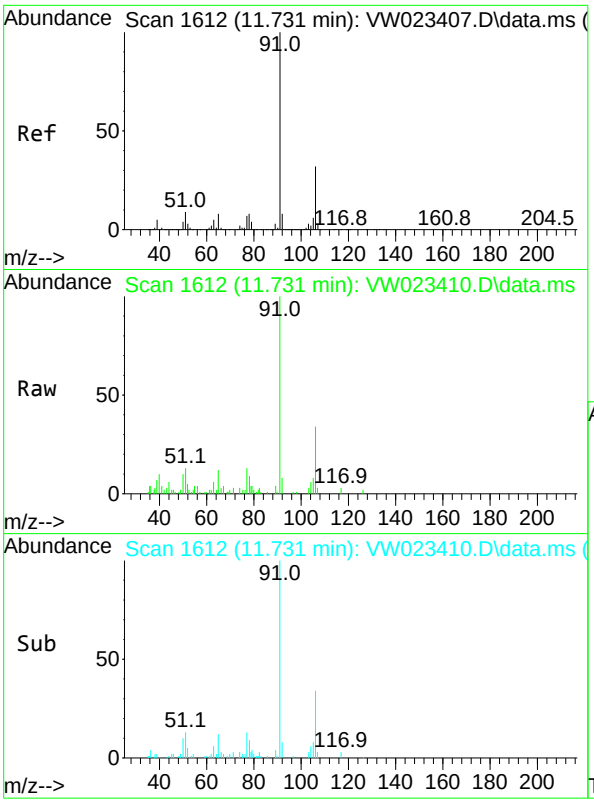


#42
Toluene
Concen: 3.010 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW023410.D
Acq: 07 Jun 2022 13:27

Tgt Ion: 91 Resp: 33010

Ion	Ratio	Lower	Upper
91	100		
92	51.8	41.6	77.2



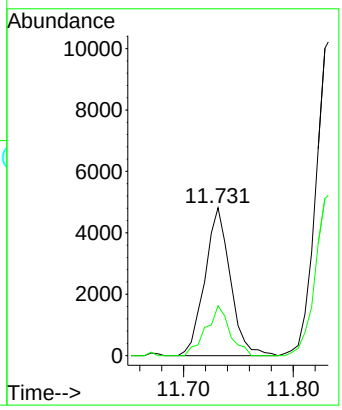


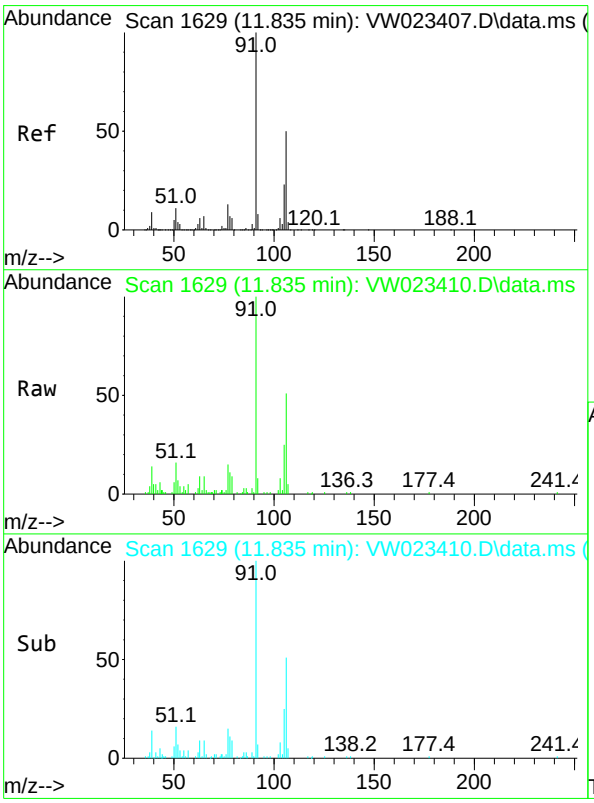
#52
Ethylbenzene
Concen: 0.644 ug/L
RT: 11.731 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW023410.D
Acq: 07 Jun 2022 13:27

Instrument :
MSVOA_W
ClientSampleId :
EW4L4

Tgt Ion: 91 Resp: 7785

Ion	Ratio	Lower	Upper
91	100		
106	33.7	22.3	41.3

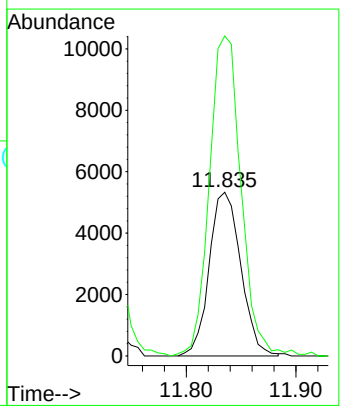


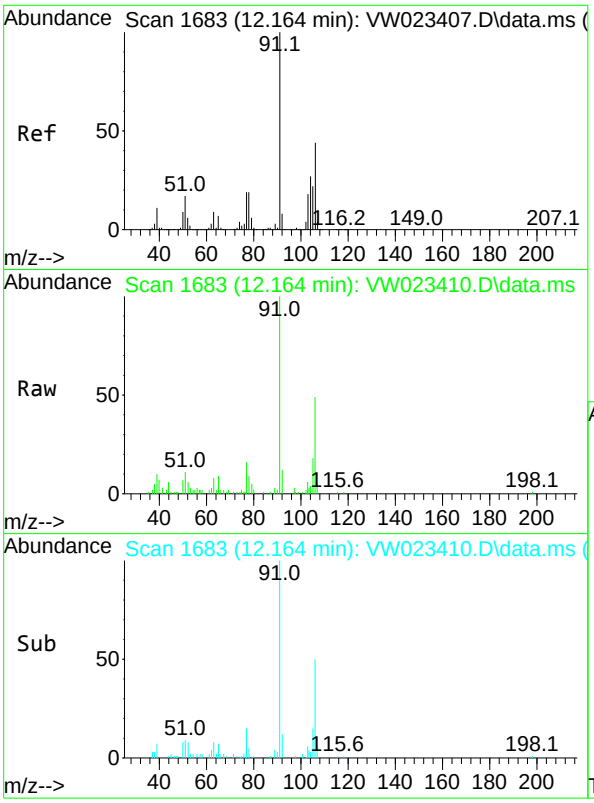


#53
m,p-Xylene
Concen: 2.283 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW023410.D
Acq: 07 Jun 2022 13:27

Tgt Ion:106 Resp: 10675

Ion	Ratio	Lower	Upper
106	100		
91	195.6	136.8	254.0



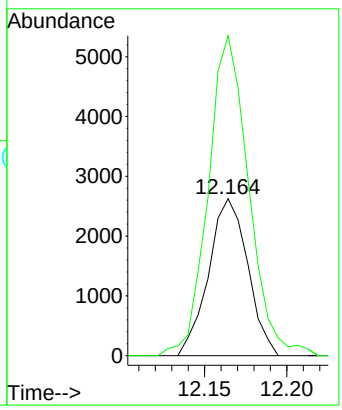


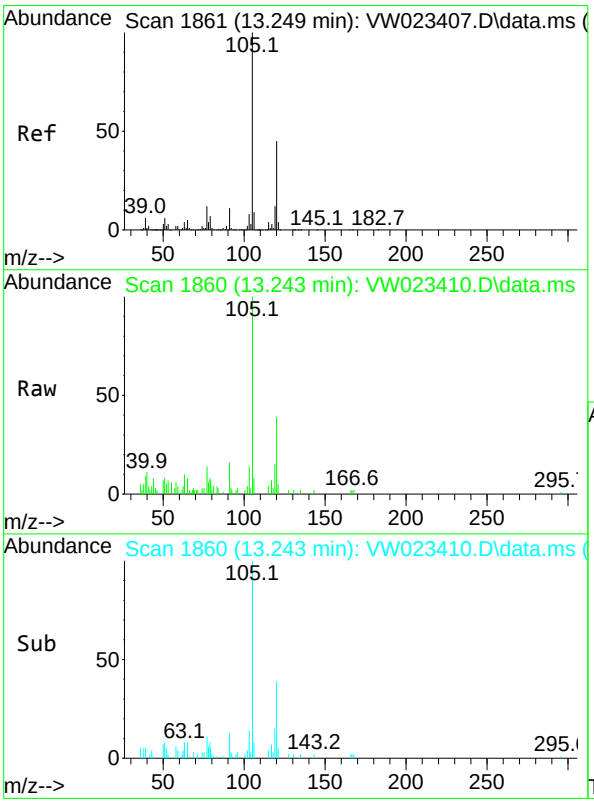
#54
o-Xylene
Concen: 0.970 ug/L
RT: 12.164 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW023410.D
Acq: 07 Jun 2022 13:27

Instrument :
MSVOA_W
ClientSampleId :
EW4L4

Tgt Ion:106 Resp: 4346

Ion	Ratio	Lower	Upper
106	100		
91	203.8	147.2	273.4





#63
1,2,4-Trimethylbenzene
Concen: 2.008 ug/L
RT: 13.243 min Scan# 1860
Delta R.T. -0.006 min
Lab File: VW023410.D
Acq: 07 Jun 2022 13:27

Tgt Ion:105 Resp: 6687

Ion	Ratio	Lower	Upper
105	100		
120	46.2	37.4	56.2