Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062322\
Data File : VV026549.D
Acq On : 24 Jun 2022 12:41
Operator : SY/MD
Sample : VIBLK260
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK260

Quant Time: Jun 25 06:26:35 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jun 25 02:21:54 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	250355	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	221637	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	95781	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.317	65	90122	4.476	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 89.600%			
7) Chloroethane-d5	1.577	69	74057	4.579	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 91.600%			
11) 1,1-Dichloroethene-d2	2.118	63	120611	3.371	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 67.400%			
20) 2-Butanone-d5	3.902	46	118543	59.221	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 118.440%			
24) Chloroform-d	4.359	84	151323	4.598	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.000%			
26) 1,2-Dichloroethane-d4	5.040	65	62846	4.958	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.200%			
32) Benzene-d6	5.056	84	323297	5.078	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.600%			
36) 1,2-Dichloropropane-d6	6.076	67	92056	5.258	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 105.200%			
41) Toluene-d8	7.320	98	268110	4.683	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.600%			
43) trans-1,3-Dichloroprop...	7.629	79	21871	4.833	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 96.600%			
46) 2-Hexanone-d5	8.092	63	89313	51.818	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 103.640%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	55845	4.876	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.600%			
66) 1,2-Dichlorobenzene-d4	11.622	152	83910	5.294	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 105.800%			
Target Compounds						Qvalue
16) Methylene chloride	2.519	84	8791	0.490	ug/L	95
35) Methylcyclohexane	6.137	83	2720	0.108	ug/L #	91
42) Toluene	7.397	91	16436	0.246	ug/L	96
52) Ethylbenzene	9.024	91	2800	0.041	ug/L	85
53) m,p-Xylene	9.149	106	1602	0.059	ug/L	80
60) Isopropylbenzene	9.931	105	15325	0.259	ug/L	98
63) 1,2,4-Trimethylbenzene	10.918	105	3875	0.084	ug/L	99

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

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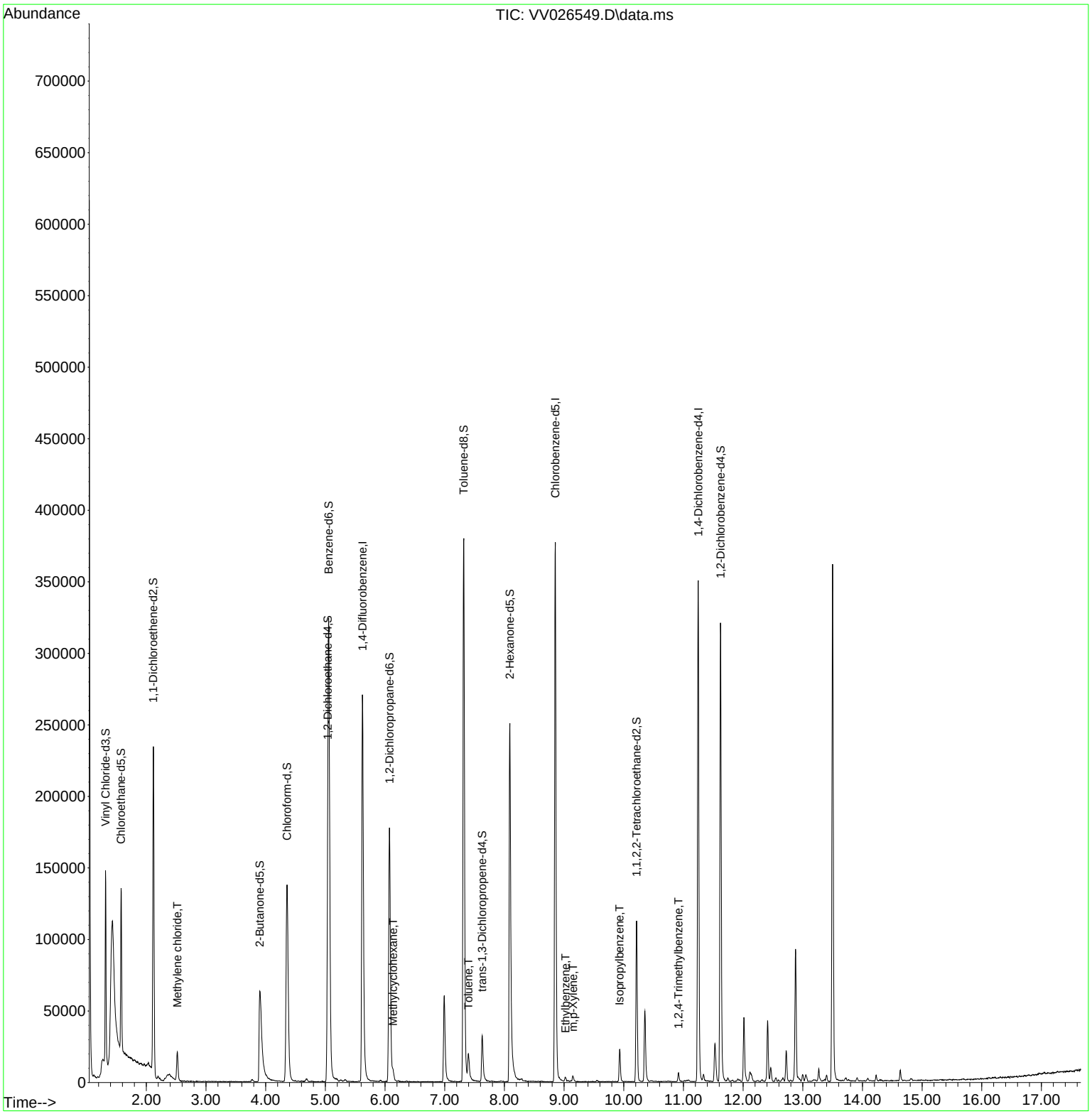
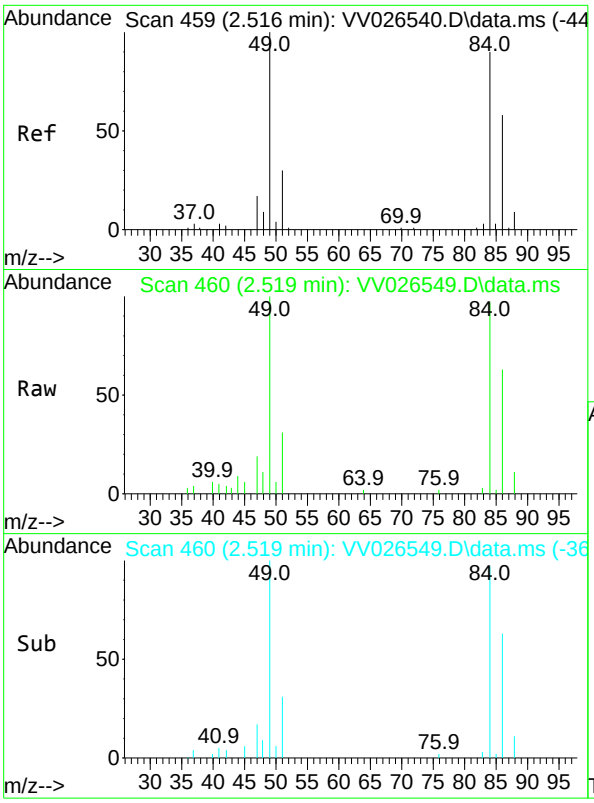


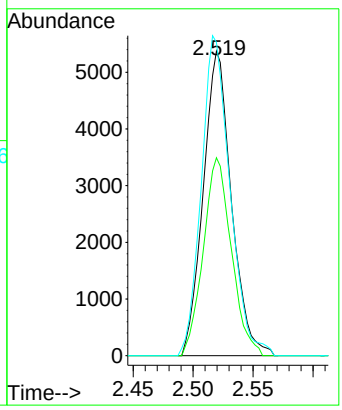


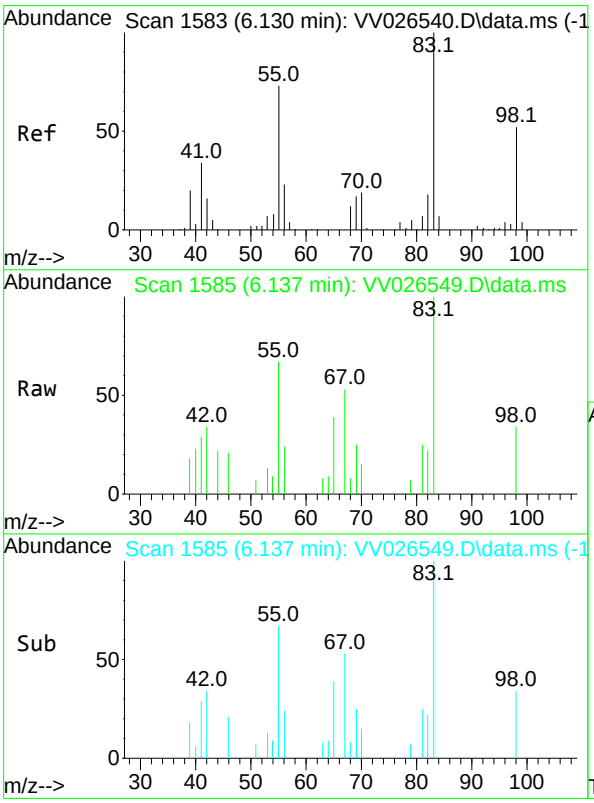
#16
Methylene chloride
Concen: 0.490 ug/L
RT: 2.519 min Scan# 4
Delta R.T. 0.003 min
Lab File: VV026549.D
Acq: 24 Jun 2022 12:41

Instrument :
MSVOA_V
ClientSampleId :
VIBLK260

Tgt Ion: 84 Resp: 8791

Ion	Ratio	Lower	Upper
84	100		
86	65.0	46.0	85.4
49	102.8	77.7	144.3

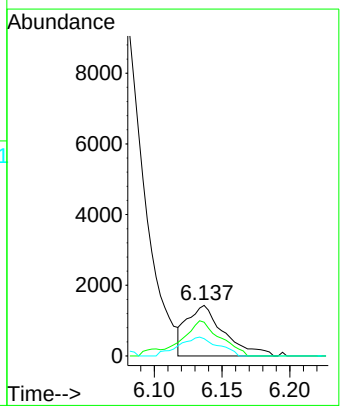


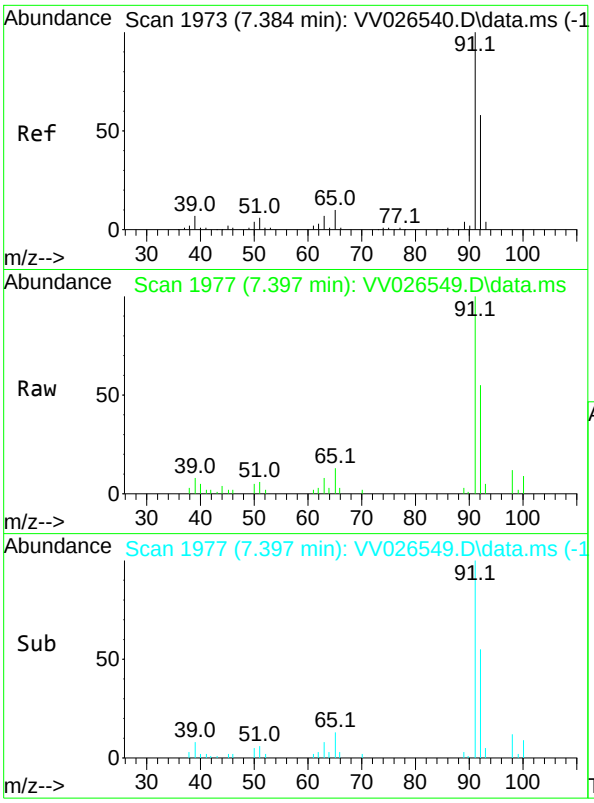


#35
Methylcyclohexane
Concen: 0.108 ug/L
RT: 6.137 min Scan# 1585
Delta R.T. 0.006 min
Lab File: VV026549.D
Acq: 24 Jun 2022 12:41

Tgt Ion: 83 Resp: 2720

Ion	Ratio	Lower	Upper
83	100		
55	74.4	57.0	85.4
98	39.0	39.8	59.8#



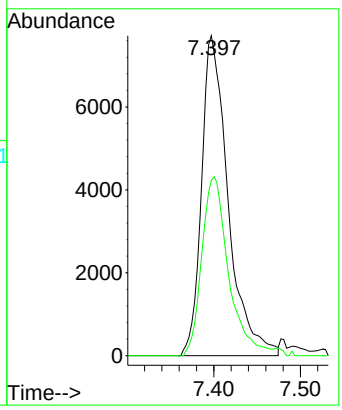


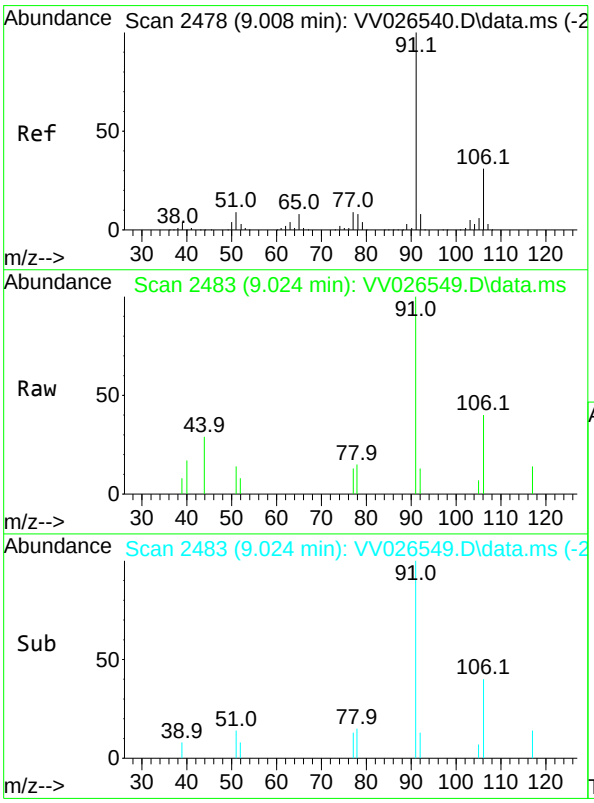
#42
Toluene
Concen: 0.246 ug/L
RT: 7.397 min Scan# 1
Delta R.T. 0.013 min
Lab File: VV026549.D
Acq: 24 Jun 2022 12:41

Instrument :
MSVOA_V
ClientSampleId :
VIBLK260

Tgt Ion: 91 Resp: 16436

Ion	Ratio	Lower	Upper
91	100		
92	54.9	40.3	74.9

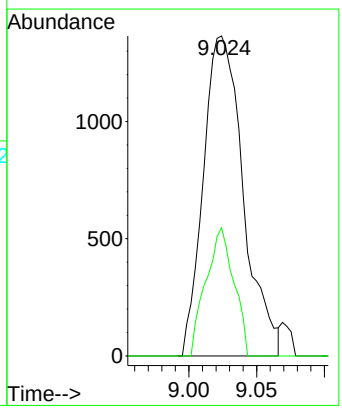


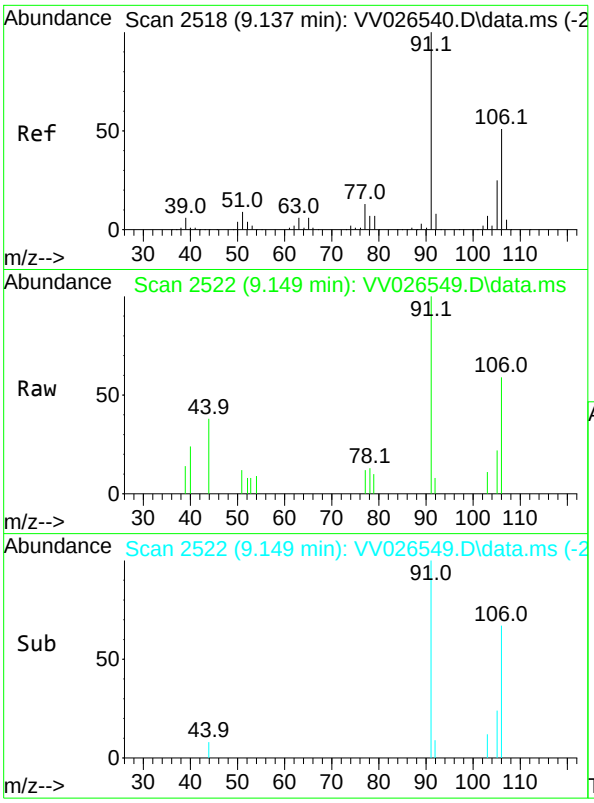


#52
Ethylbenzene
Concen: 0.041 ug/L
RT: 9.024 min Scan# 2483
Delta R.T. 0.016 min
Lab File: VV026549.D
Acq: 24 Jun 2022 12:41

Tgt Ion: 91 Resp: 2800

Ion	Ratio	Lower	Upper
91	100		
106	40.1	22.1	41.1



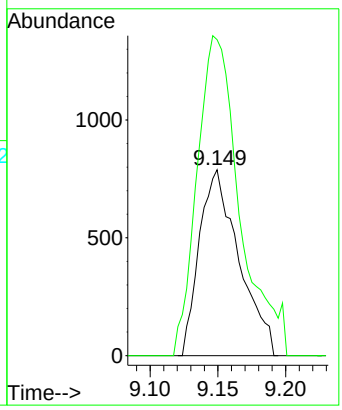


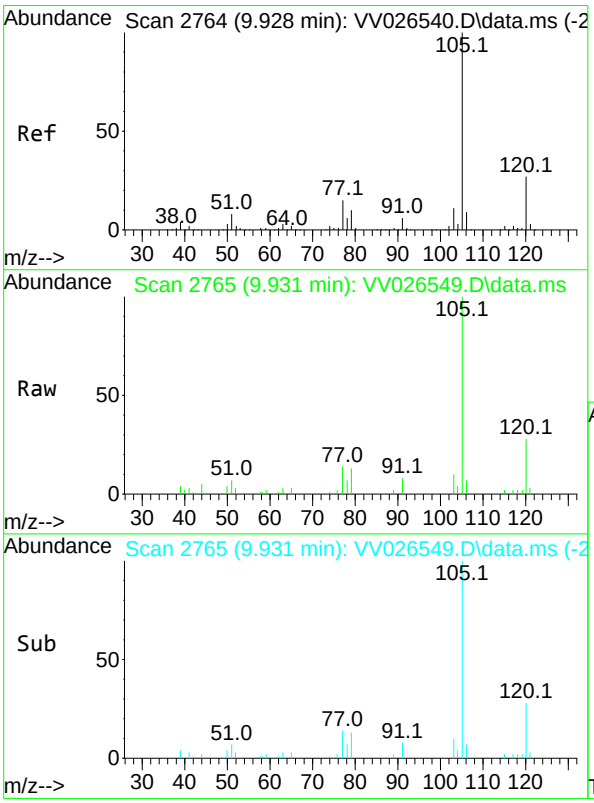
#53
m,p-Xylene
Concen: 0.059 ug/L
RT: 9.149 min Scan# 2
Delta R.T. 0.013 min
Lab File: VV026549.D
Acq: 24 Jun 2022 12:41

Instrument :
MSVOA_V
ClientSampleId :
VIBLK260

Tgt Ion:106 Resp: 1602

Ion	Ratio	Lower	Upper
106	100		
91	170.0	139.9	259.9

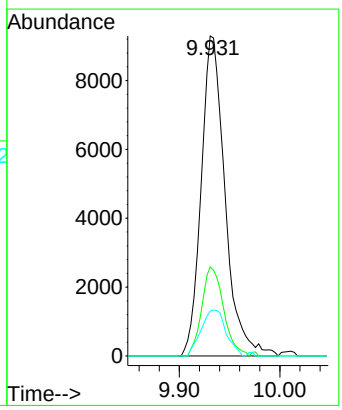


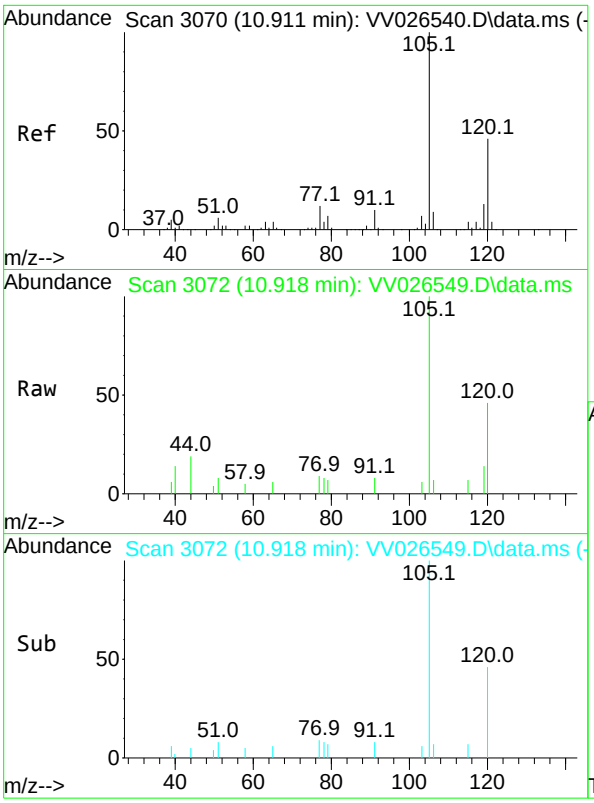


#60
Isopropylbenzene
Concen: 0.259 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.003 min
Lab File: VV026549.D
Acq: 24 Jun 2022 12:41

Tgt Ion:105 Resp: 15325

Ion	Ratio	Lower	Upper
105	100		
120	25.3	21.4	32.2
77	14.9	11.6	17.4





#63
1,2,4-Trimethylbenzene
Concen: 0.084 ug/L
RT: 10.918 min Scan# 3
Delta R.T. 0.006 min
Lab File: VV026549.D
Acq: 24 Jun 2022 12:41

Instrument :
MSVOA_V
ClientSampleId :
VIBLK260

Tgt Ion:105 Resp: 3875

Ion	Ratio	Lower	Upper
105	100		
120	46.4	37.4	56.2