Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122521\
Data File : VX026044.D
Acq On : 25 Dec 2021 19:14
Operator : JC/MD
Sample : M5213-06 10X
Misc : 6.00G/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BGLD8

Quant Time: Dec 27 05:17:02 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 23 21:00:32 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	262246	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	245415	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	143198	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	74644	40.138	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 80.280%			
7) Chloroethane-d5	1.654	69	64632	43.488	ug/L	-0.01
Spiked Amount 50.000	Range 70 - 130		Recovery = 86.980%			
11) 1,1-Dichloroethene-d2	2.307	63	128741	34.934	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 69.860%			
21) 2-Butanone-d5	4.465	46	140974	87.435	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 87.440%			
24) Chloroform-d	5.062	84	143397	38.531	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 77.060%			
26) 1,2-Dichloroethane-d4	5.958	65	119070	47.255	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.520%			
32) Benzene-d6	5.977	84	343658	48.650	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.300%			
36) 1,2-Dichloropropane-d6	7.312	67	107833	49.109	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 98.220%			
41) Toluene-d8	8.653	98	309601	46.942	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.880%			
43) trans-1,3-Dichloroprop...	8.952	79	39043	40.869	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 81.740%			
47) 2-Hexanone-d5	9.384	63	119297	105.271	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 105.270%			
56) 1,1,2,2-Tetrachloroeth...	11.195	84	197940	61.135	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 122.280%#			
66) 1,2-Dichlorobenzene-d4	12.323	152	145298	53.695	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 107.400%			
Target Compounds						Qvalue
25) Chloroform	5.099	83	27807	7.530	ug/L	97
33) Benzene	6.044	78	15793	2.027	ug/L	100
35) Methylcyclohexane	7.385	83	4664	1.478	ug/L #	87
42) Toluene	8.720	91	61316	7.388	ug/L	100
52) Ethylbenzene	10.195	91	2914978	323.855	ug/L	97
53) m,p-Xylene	10.305	106	3896129	1133.945	ug/L	92
54) o-Xylene	10.646	106	1073412	315.398	ug/L	93
60) Isopropylbenzene	10.963	105	205688	20.907	ug/L	95
62) 1,3,5-Trimethylbenzene	11.457	105	1370046	166.318	ug/L	95
63) 1,2,4-Trimethylbenzene	11.756	105	4133355	500.873	ug/L #	80

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

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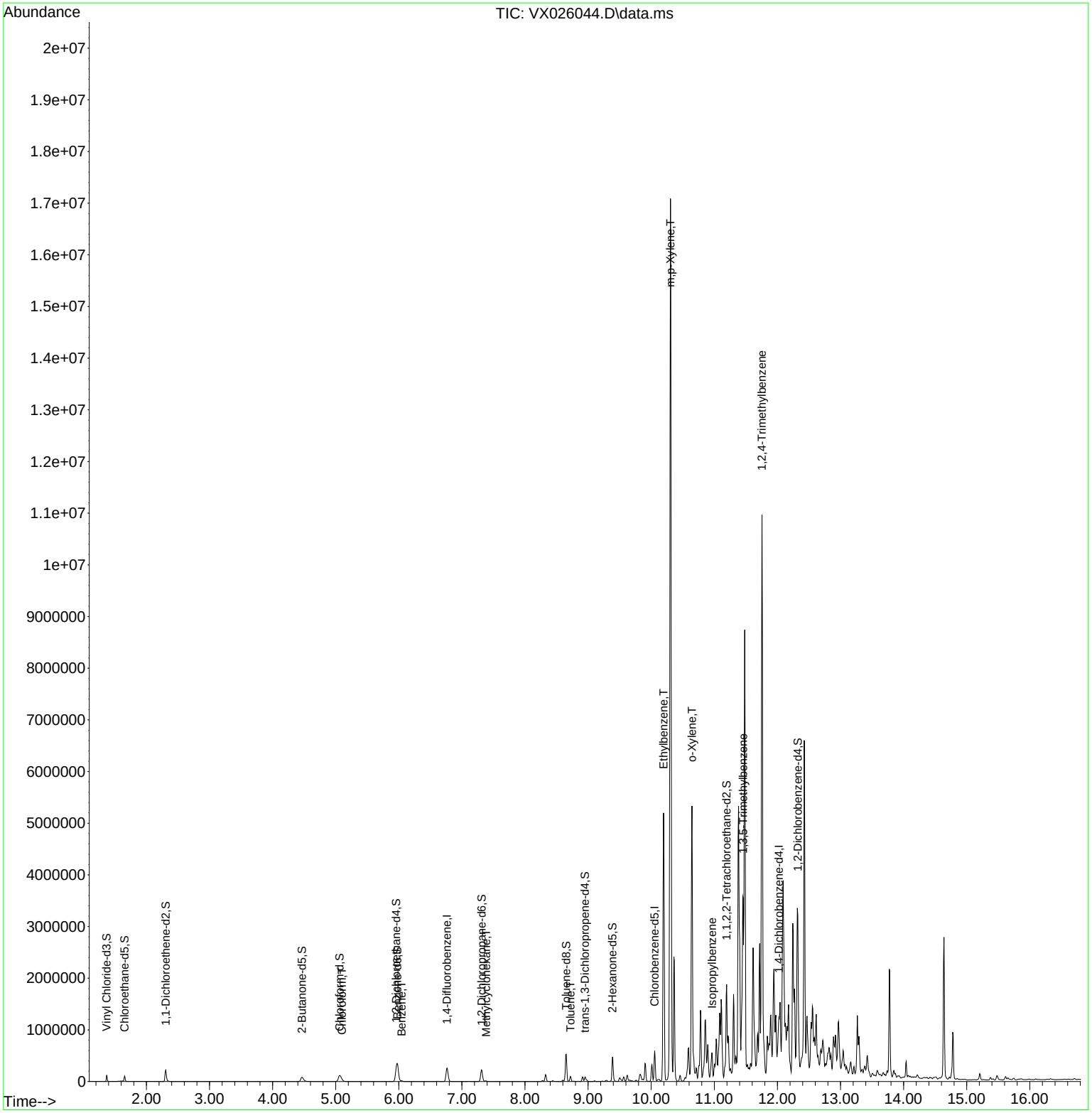
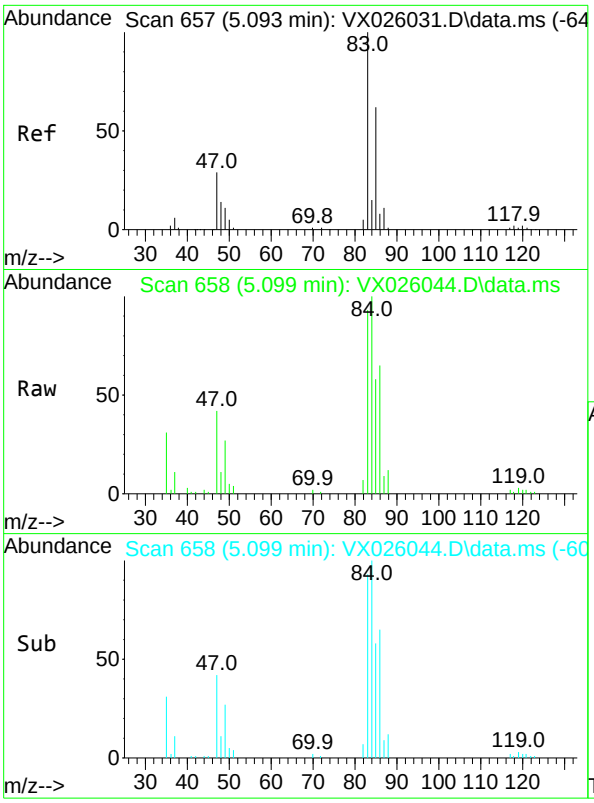
Misc : 6.00G/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BGLD8

Quant Time: Dec 27 05:17:02 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 23 21:00:32 2021
Response via : Initial Calibration



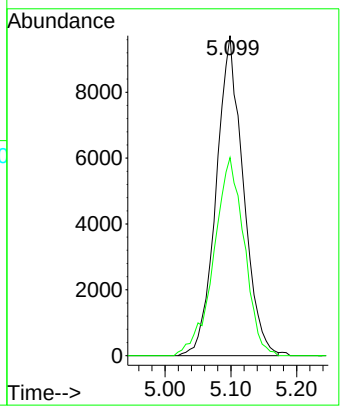


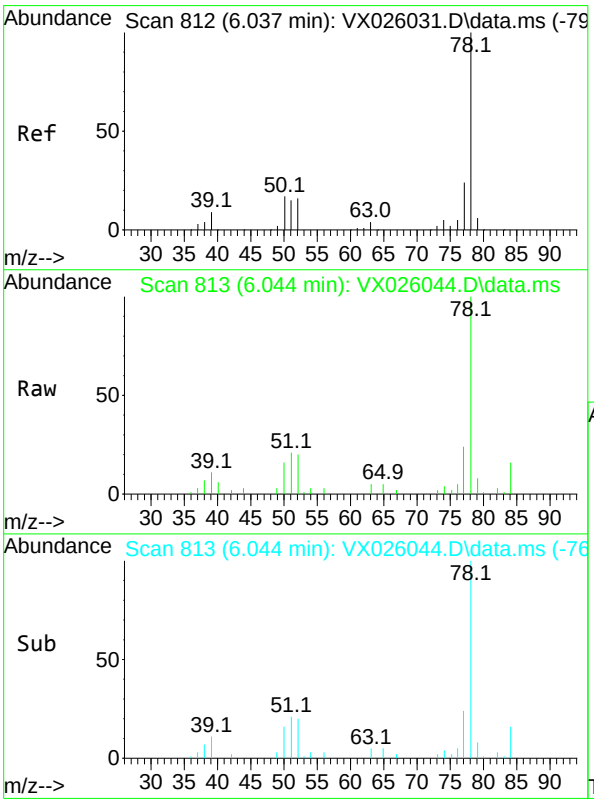
#25
Chloroform
Concen: 7.530 ug/L
RT: 5.099 min Scan# 6
Delta R.T. 0.000 min
Lab File: VX026044.D
Acq: 25 Dec 2021 19:14

Instrument :
MSVOA_X
ClientSampleId :
BGLD8

Tgt Ion: 83 Resp: 27807

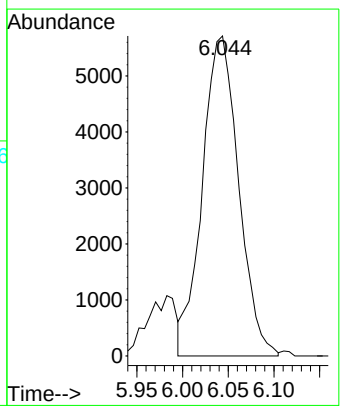
Ion	Ratio	Lower	Upper
83	100		
85	61.9	44.9	83.5

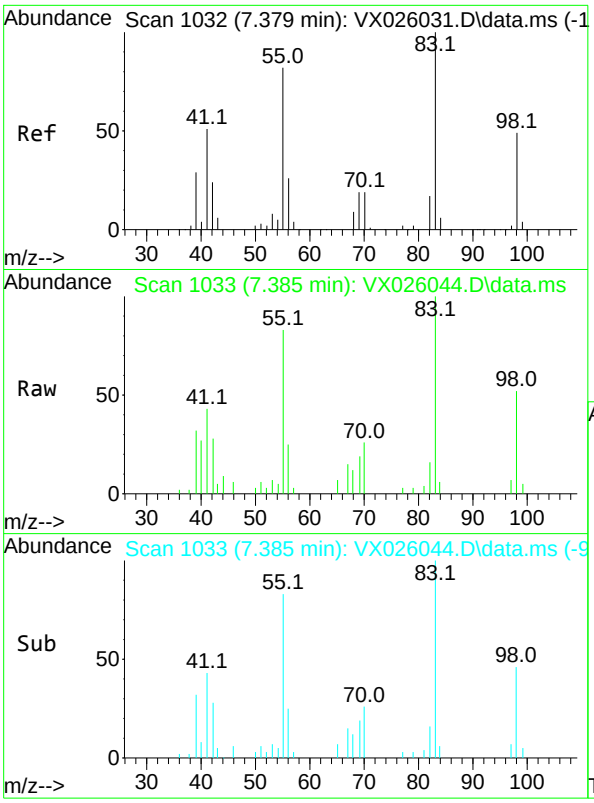




#33
Benzene
Concen: 2.027 ug/L
RT: 6.044 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX026044.D
Acq: 25 Dec 2021 19:14

Tgt Ion: 78 Resp: 15793



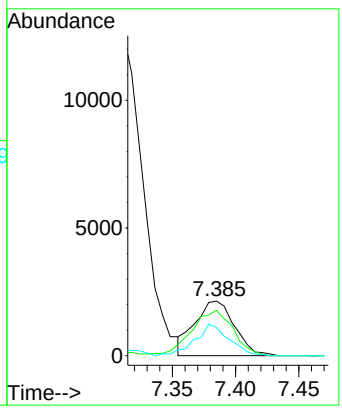


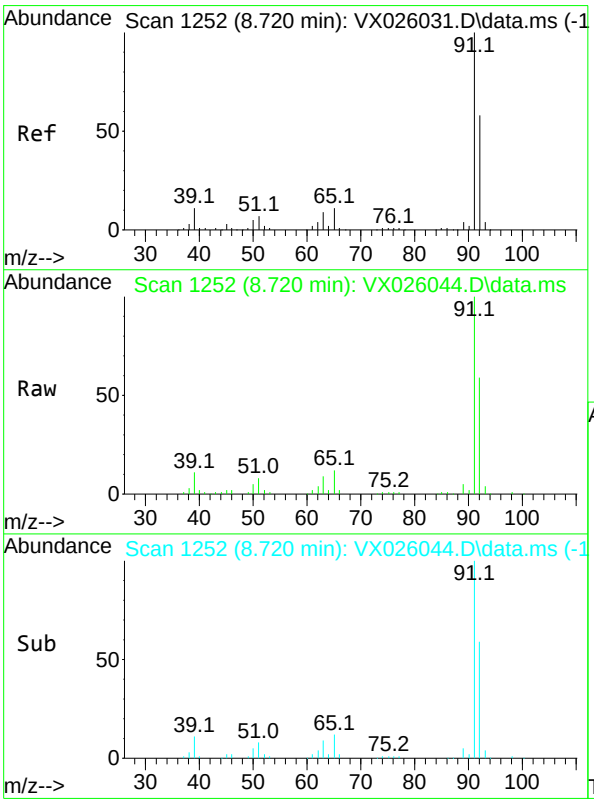
#35
Methylcyclohexane
Concen: 1.478 ug/L
RT: 7.385 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX026044.D
Acq: 25 Dec 2021 19:14

Instrument :
MSVOA_X
ClientSampleId :
BGLD8

Tgt Ion: 83 Resp: 4664

Ion	Ratio	Lower	Upper
83	100		
55	87.9	57.3	85.9#
98	49.4	41.1	61.7

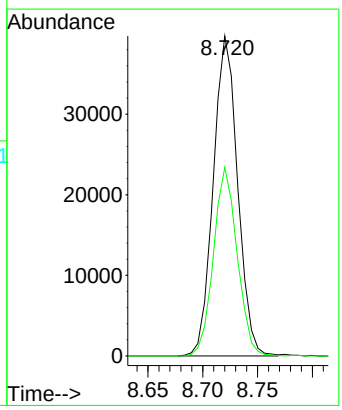


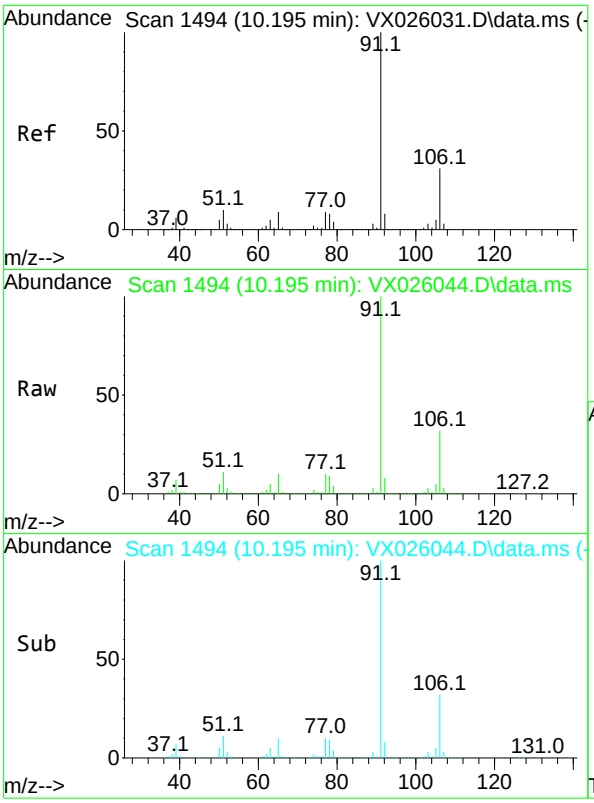


#42
Toluene
Concen: 7.388 ug/L
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX026044.D
Acq: 25 Dec 2021 19:14

Tgt Ion: 91 Resp: 61316

Ion	Ratio	Lower	Upper
91	100		
92	58.9	41.2	76.6



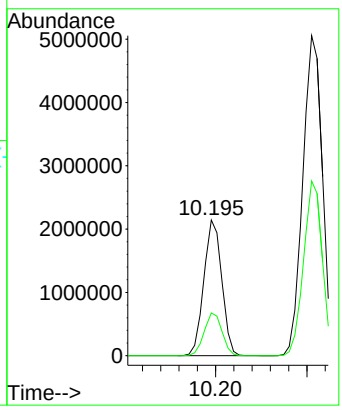


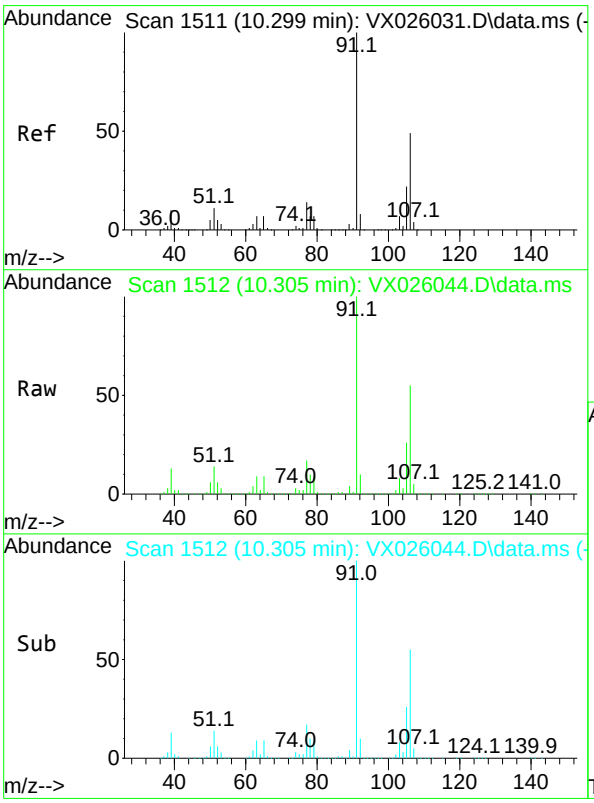
#52
Ethylbenzene
Concen: 323.855 ug/L
RT: 10.195 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX026044.D
Acq: 25 Dec 2021 19:14

Instrument :
MSVOA_X
ClientSampleId :
BGLD8

Tgt Ion: 91 Resp: 2914978

Ion	Ratio	Lower	Upper
91	100		
106	31.5	23.1	42.9

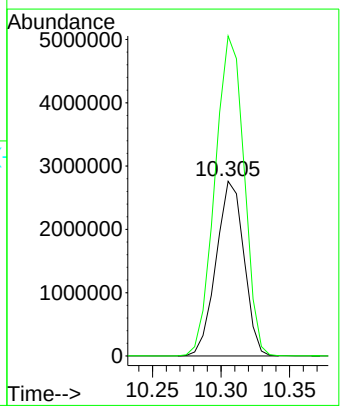


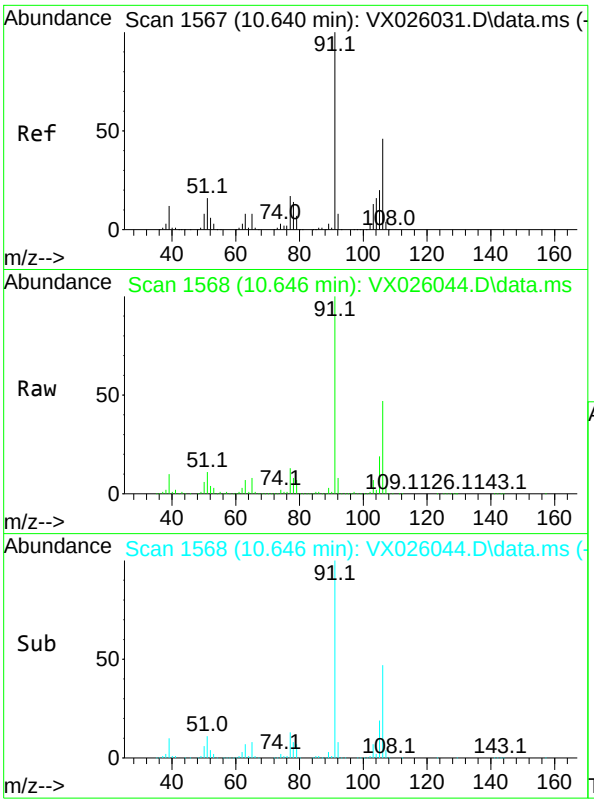


#53
m,p-Xylene
Concen: 1133.945 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX026044.D
Acq: 25 Dec 2021 19:14

Tgt Ion:106 Resp: 3896129

Ion	Ratio	Lower	Upper
106	100		
91	183.2	136.8	254.2



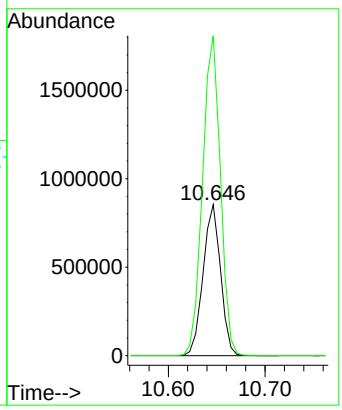


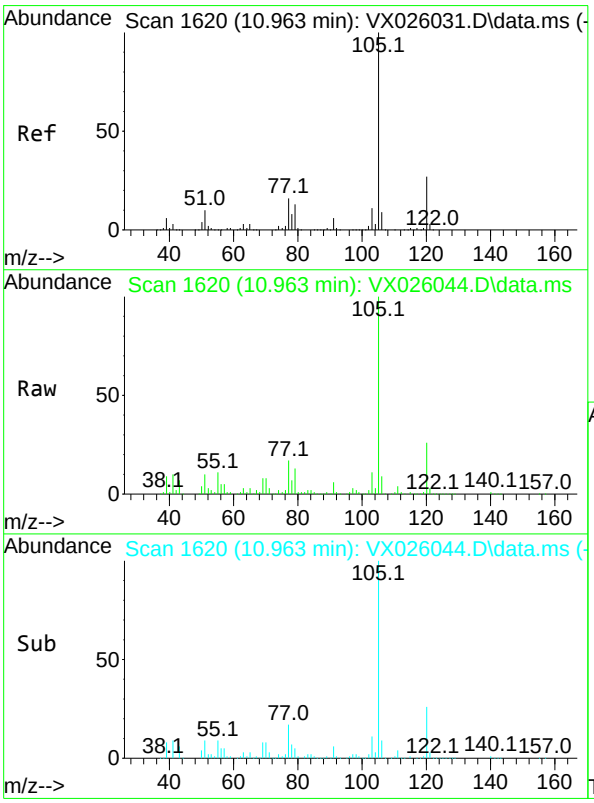
#54
o-Xylene
Concen: 315.398 ug/L
RT: 10.646 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX026044.D
Acq: 25 Dec 2021 19:14

Instrument :
MSVOA_X
ClientSampleId :
BGLD8

Tgt Ion:106 Resp: 1073412

Ion	Ratio	Lower	Upper
106	100		
91	211.8	140.5	260.9

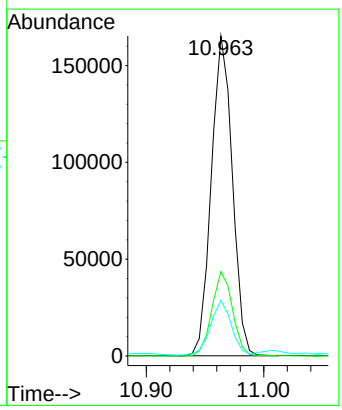


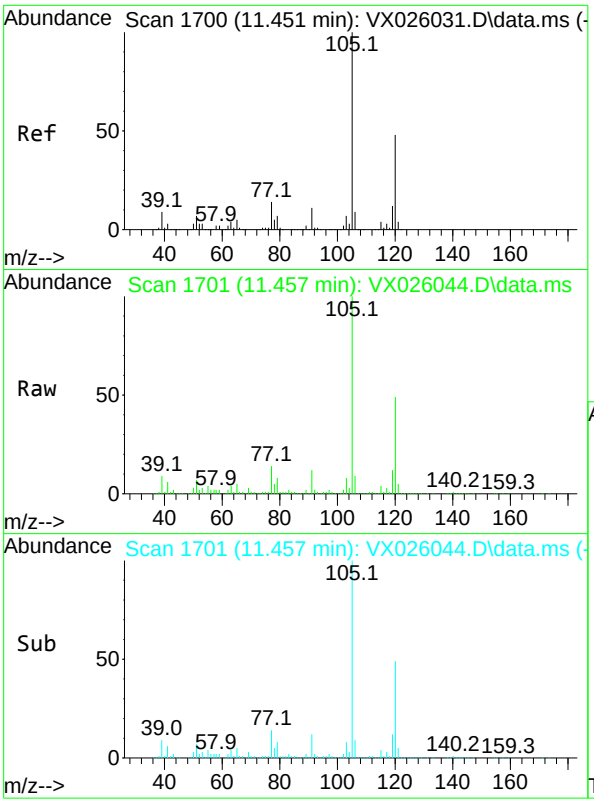


#60
Isopropylbenzene
Concen: 20.907 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX026044.D
Acq: 25 Dec 2021 19:14

Tgt Ion:105 Resp: 205688

Ion	Ratio	Lower	Upper
105	100		
120	25.8	22.3	33.5
77	16.9	11.5	17.3



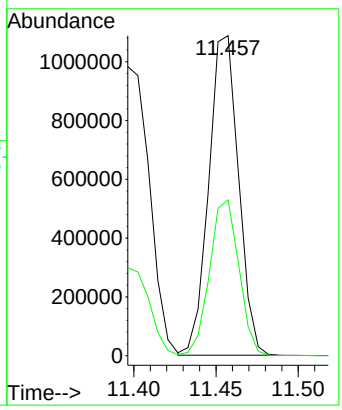


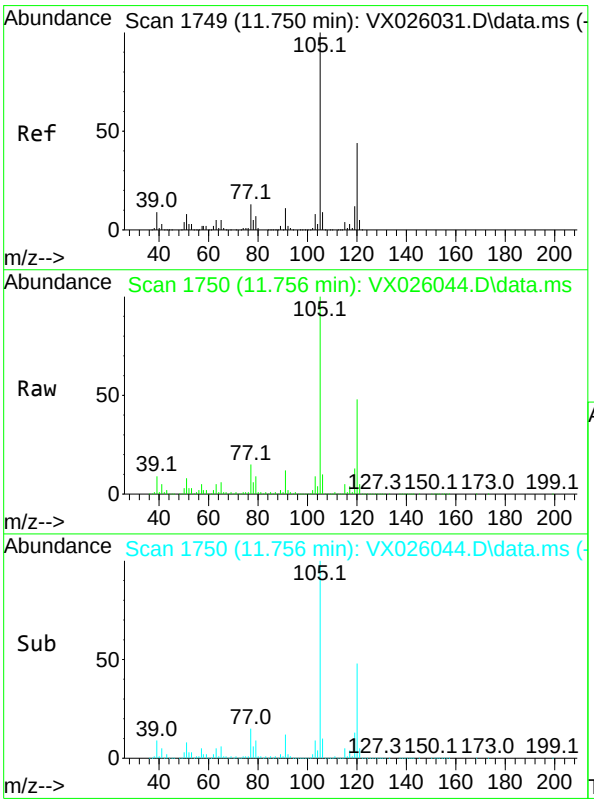
#62
1,3,5-Trimethylbenzene
Concen: 166.318 ug/L
RT: 11.457 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX026044.D
Acq: 25 Dec 2021 19:14

Instrument :
MSVOA_X
ClientSampleId :
BGLD8

Tgt Ion:105 Resp: 1370046

Ion	Ratio	Lower	Upper
105	100		
120	48.0	41.0	61.4





#63
1,2,4-Trimethylbenzene
Concen: 500.873 ug/L
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX026044.D
Acq: 25 Dec 2021 19:14

Tgt Ion:105 Resp: 4133355

Ion	Ratio	Lower	Upper
105	100		
120	46.5	0.1	0.1#