Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110222\
Data File : VU051697.D
Acq On : 02 Nov 2022 17:44
Operator : JC/MD
Sample : N5320-03DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHAB5DL

Quant Time: Nov 03 01:49:41 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 03 01:45:18 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	191965	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	197634	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	85146	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	66721	4.615	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 92.200%			
7) Chloroethane-d5	1.909	69	64041	4.247	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 85.000%			
11) 1,1-Dichloroethene-d2	2.562	65	27540	5.249	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 105.000%			
20) 2-Butanone-d5	4.620	46	198157	37.845	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 75.680%			
24) Chloroform-d	5.060	84	142578	4.214	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.200%			
26) 1,2-Dichloroethane-d4	5.700	65	74563	4.080	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 81.600%			
32) Benzene-d6	5.726	84	277906	4.456	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.200%			
36) 1,2-Dichloropropane-d6	6.690	67	92956	4.262	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 85.200%			
41) Toluene-d8	7.896	98	217753	4.440	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.800%			
43) trans-1,3-Dichloroprop...	8.179	79	29641	4.445	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.000%			
46) 2-Hexanone-d5	8.632	63	152362	37.956	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 75.920%			
56) 1,1,2,2-Tetrachloroeth...	10.754	84	82836	4.145	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 82.800%			
66) 1,2-Dichlorobenzene-d4	12.192	152	80882	5.176	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.600%			
Target Compounds						Qvalue
8) Chloroethane	1.928	64	4909	0.319	ug/L #	62
16) Methylene chloride	3.044	84	15617	0.571	ug/L	93
33) Benzene	5.771	78	474584	6.085	ug/L	100
51) Chlorobenzene	9.446	112	114625	2.274	ug/L	98
53) m,p-Xylene	9.693	106	6004	0.200	ug/L	86
60) Isopropylbenzene	10.481	105	19051	0.306	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	3988	0.129	ug/L	90
67) 1,2-Dichlorobenzene	12.211	146	5793	0.192	ug/L	98

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

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Quant Title : TRACE VOA SFAM1.0
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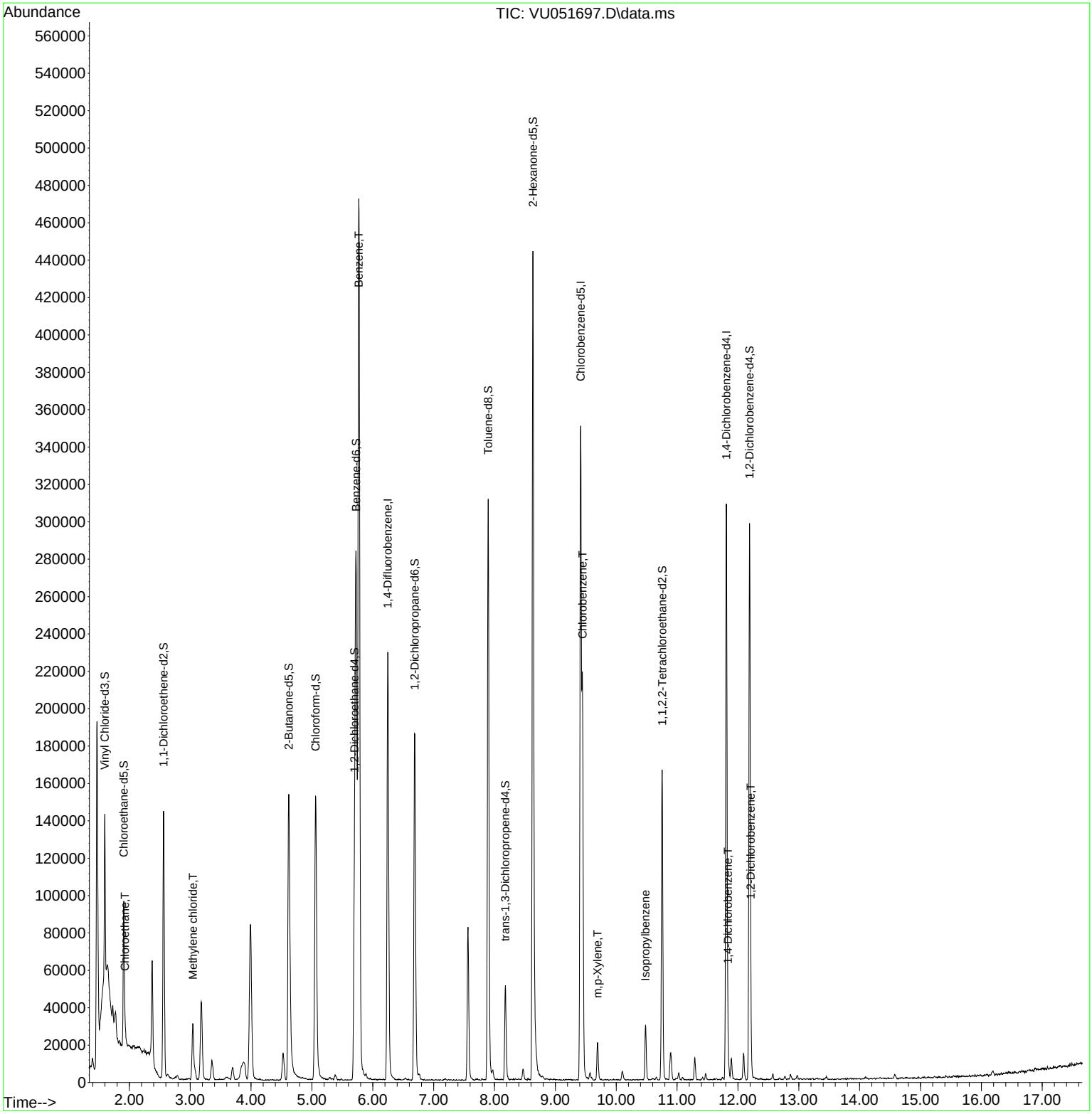
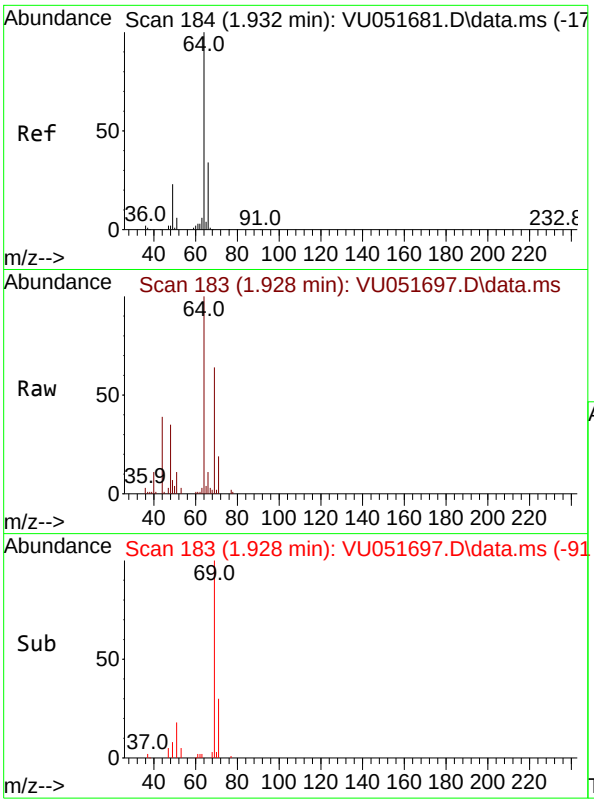
Response via : Initial Calibration



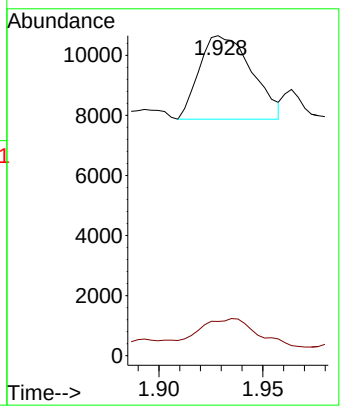


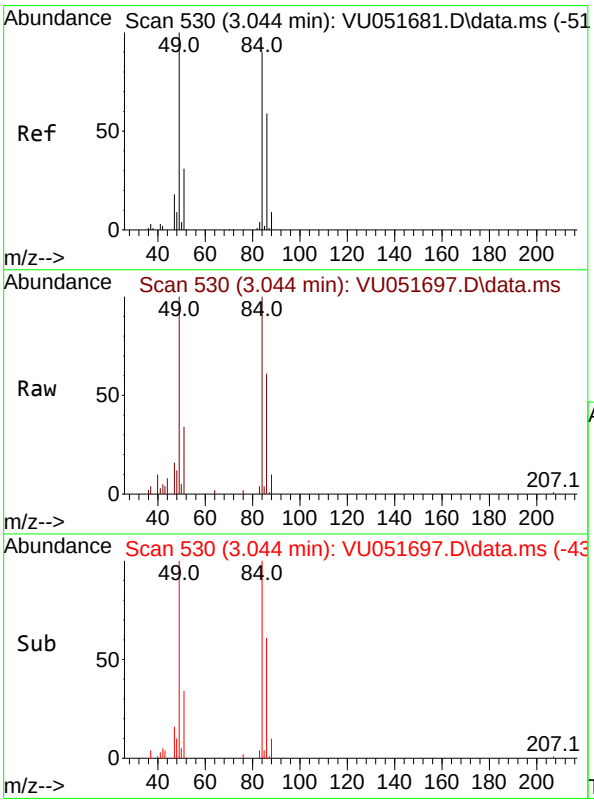
#8
Chloroethane
Concen: 0.319 ug/L
RT: 1.928 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU051697.D
Acq: 02 Nov 2022 17:44

Instrument :
MSVOA_U
ClientSampleId :
BHAB5DL

Tgt Ion: 64 Resp: 4909

Ion	Ratio	Lower	Upper
64	100		
66	10.7	22.3	41.5#

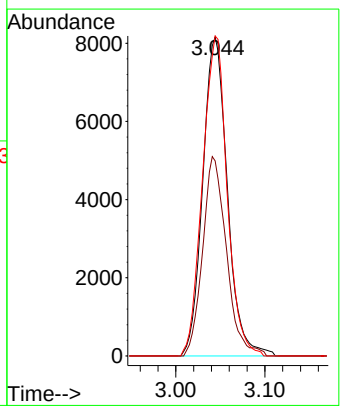


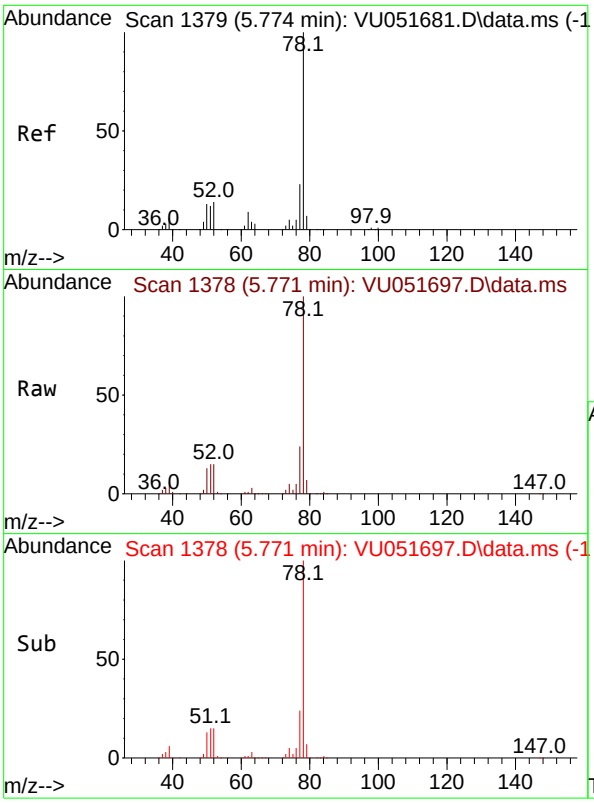


#16
Methylene chloride
Concen: 0.571 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.000 min
Lab File: VU051697.D
Acq: 02 Nov 2022 17:44

Tgt Ion: 84 Resp: 15617

Ion	Ratio	Lower	Upper
84	100		
86	61.2	46.3	85.9
49	100.3	76.0	141.2

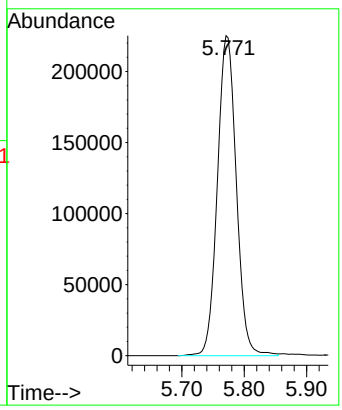


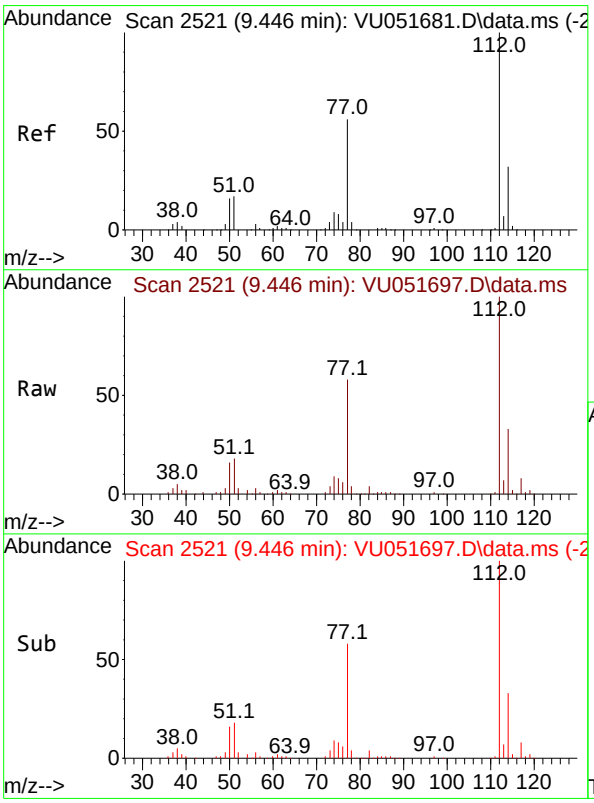


#33
Benzene
Concen: 6.085 ug/L
RT: 5.771 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU051697.D
Acq: 02 Nov 2022 17:44

Instrument :
MSVOA_U
ClientSampleId :
BHAB5DL

Tgt Ion: 78 Resp: 474584

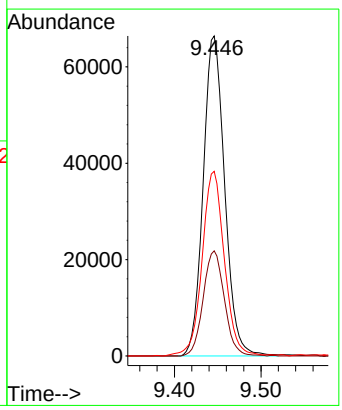


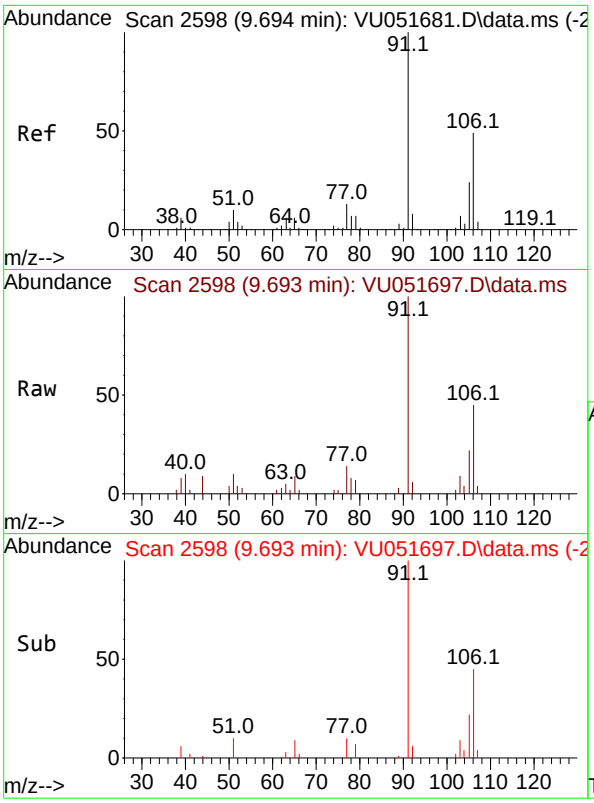


#51
Chlorobenzene
Concen: 2.274 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.000 min
Lab File: VU051697.D
Acq: 02 Nov 2022 17:44

Tgt Ion:112 Resp: 114625

Ion	Ratio	Lower	Upper
112	100		
114	32.9	22.0	40.8
77	57.7	46.7	70.1



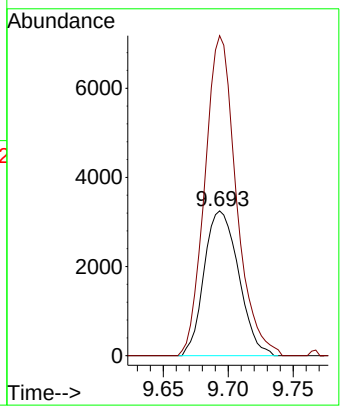


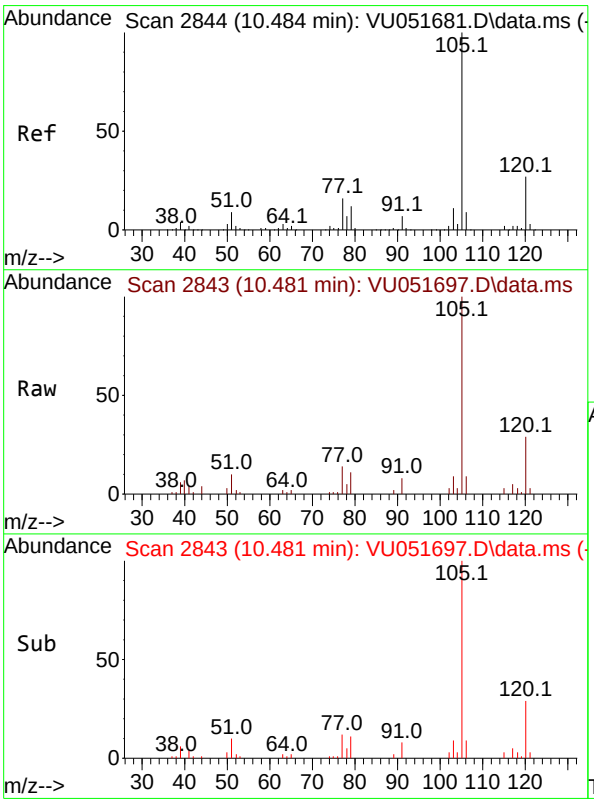
#53
m,p-Xylene
Concen: 0.200 ug/L
RT: 9.693 min Scan# 2
Delta R.T. -0.000 min
Lab File: VU051697.D
Acq: 02 Nov 2022 17:44

Instrument :
MSVOA_U
ClientSampleId :
BHAB5DL

Tgt Ion:106 Resp: 6004

Ion	Ratio	Lower	Upper
106	100		
91	221.0	139.4	259.0

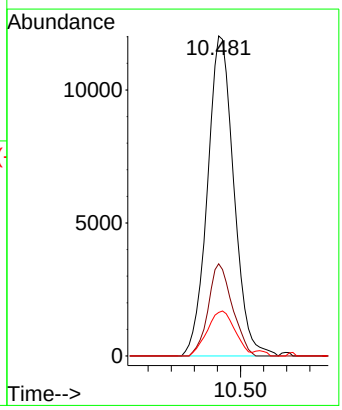


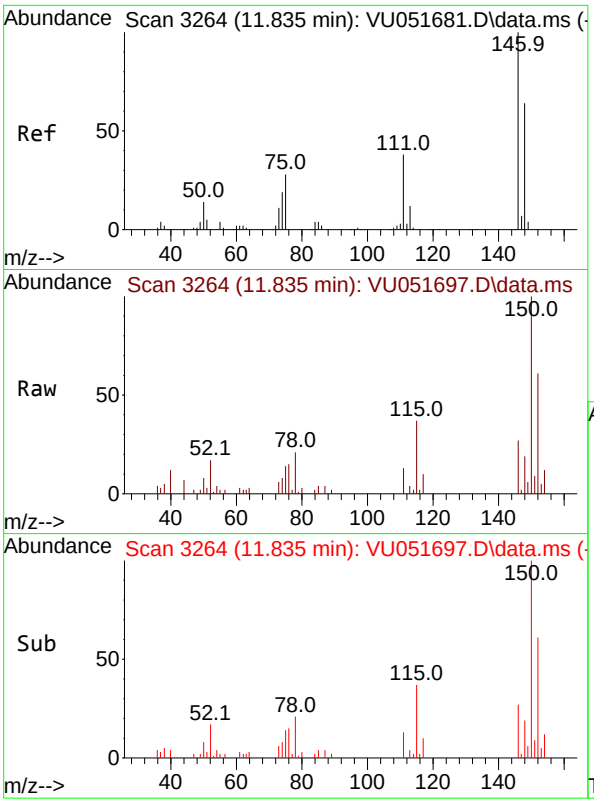


#60
Isopropylbenzene
Concen: 0.306 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. -0.003 min
Lab File: VU051697.D
Acq: 02 Nov 2022 17:44

Tgt Ion:105 Resp: 19051

Ion	Ratio	Lower	Upper
105	100		
120	26.3	20.9	31.3
77	14.9	12.3	18.5



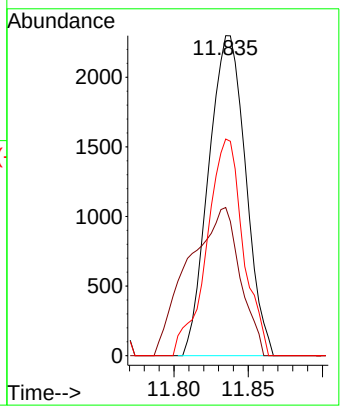


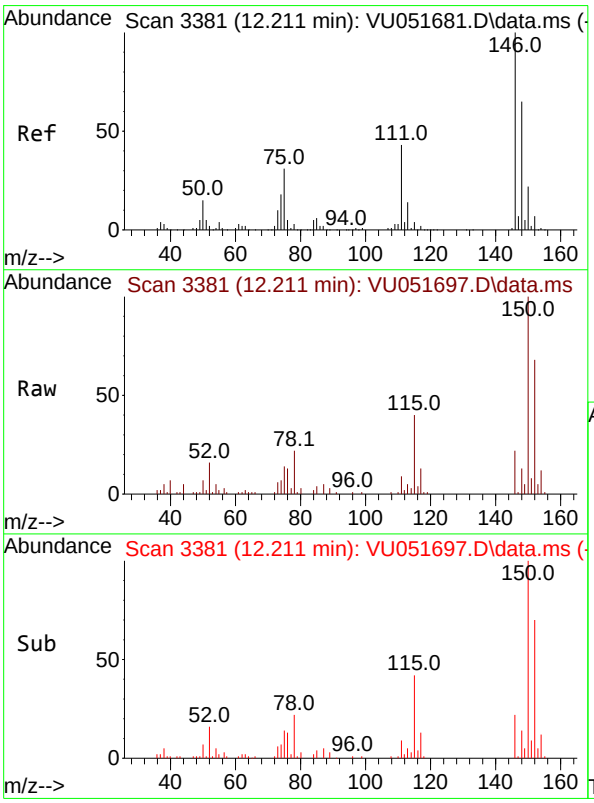
#65
1,4-Dichlorobenzene
Concen: 0.129 ug/L
RT: 11.835 min Scan# 3
Delta R.T. -0.000 min
Lab File: VU051697.D
Acq: 02 Nov 2022 17:44

Instrument :
MSVOA_U
ClientSampleId :
BHAB5DL

Tgt Ion:146 Resp: 3988

Ion	Ratio	Lower	Upper
146	100		
111	46.3	26.7	49.5
148	67.7	43.5	80.9





#67
1,2-Dichlorobenzene
Concen: 0.192 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. -0.000 min
Lab File: VU051697.D
Acq: 02 Nov 2022 17:44

Tgt Ion:146 Resp: 5793

Ion	Ratio	Lower	Upper
146	100		
111	41.1	34.2	51.2
148	60.9	50.1	75.1