Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021722\
Data File : VV024724.D
Acq On : 17 Feb 2022 16:04
Operator : SY/MD
Sample : N1480-12 4X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBCX8

Quant Time: Feb 18 07:34:03 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR021722WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Feb 18 07:32:51 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	194222	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	180909	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	81226	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	78928	4.791	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 95.800%			
7) Chloroethane-d5	1.571	69	67628	5.004	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 100.000%			
11) 1,1-Dichloroethene-d2	2.111	63	111406	3.690	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 73.800%			
20) 2-Butanone-d5	3.892	46	121885	51.798	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 103.600%			
24) Chloroform-d	4.352	84	124004	4.824	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.400%			
26) 1,2-Dichloroethane-d4	5.034	65	58157	5.076	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.600%			
32) Benzene-d6	5.050	84	261960	5.019	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.400%			
36) 1,2-Dichloropropane-d6	6.069	67	79193	5.156	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 103.200%			
41) Toluene-d8	7.317	98	231868	4.889	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.800%			
43) trans-1,3-Dichloroprop...	7.622	79	25507	4.985	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 99.800%			
46) 2-Hexanone-d5	8.088	63	101441	50.386	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 100.780%			
56) 1,1,2,2-Tetrachloroeth...	10.214	84	45174	4.880	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.600%			
66) 1,2-Dichlorobenzene-d4	11.622	152	71791	5.108	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.200%			
Target Compounds						Qvalue
16) Methylene chloride	2.513	84	3177	0.213	ug/L	91
25) Chloroform	4.381	83	3461	0.122	ug/L	94
33) Benzene	5.104	78	34112	0.557	ug/L	100
35) Methylcyclohexane	6.130	83	4695	0.179	ug/L #	71
51) Chlorobenzene	8.879	112	1252779	30.708	ug/L	100
53) m,p-xylene	9.146	106	1314	0.049	ug/L	85
60) Isopropylbenzene	9.931	105	15913	0.237	ug/L #	84
64) 1,3-Dichlorobenzene	11.181	146	11010	0.389	ug/L	97
65) 1,4-Dichlorobenzene	11.271	146	57691	2.038	ug/L	99

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

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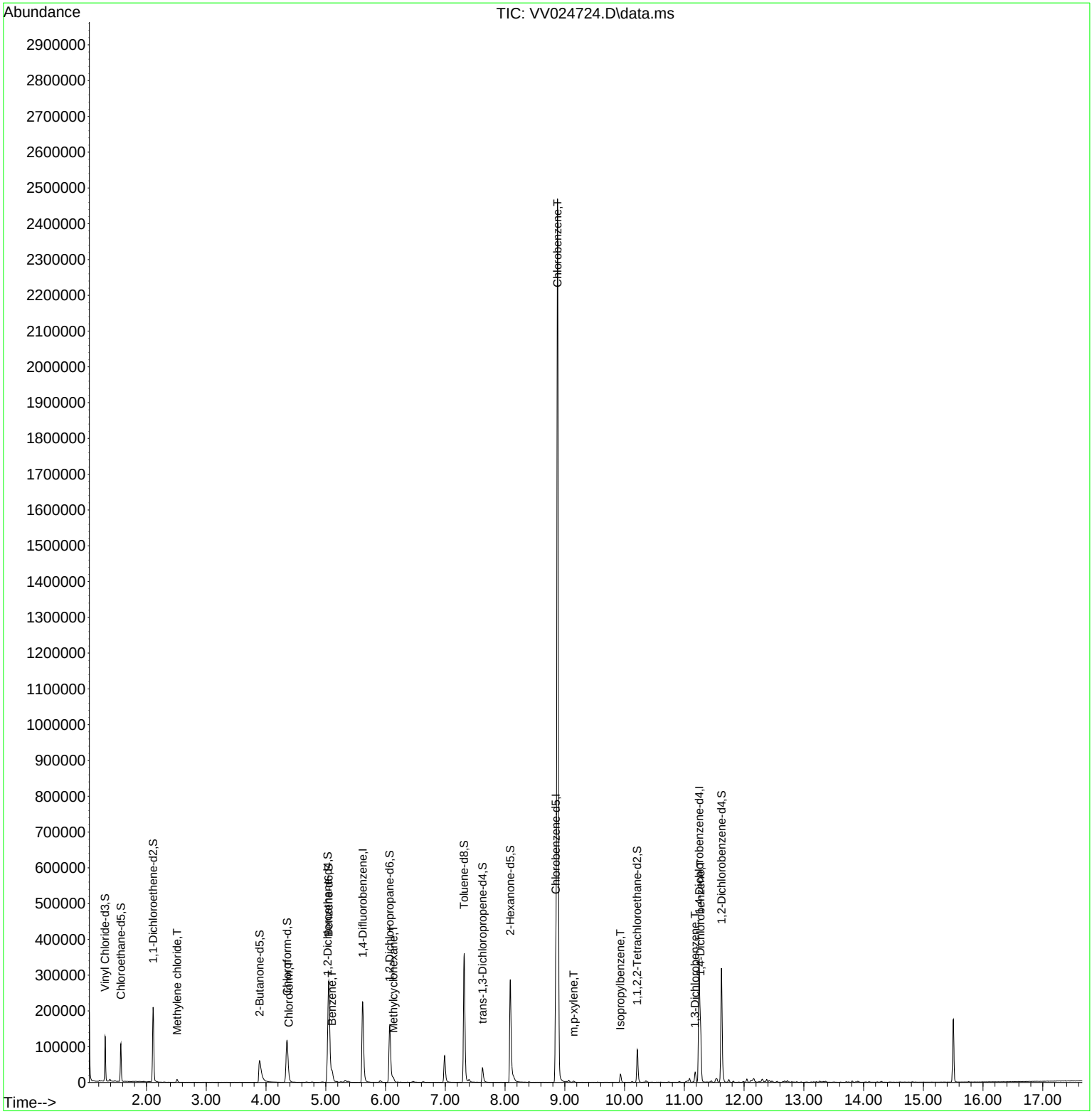
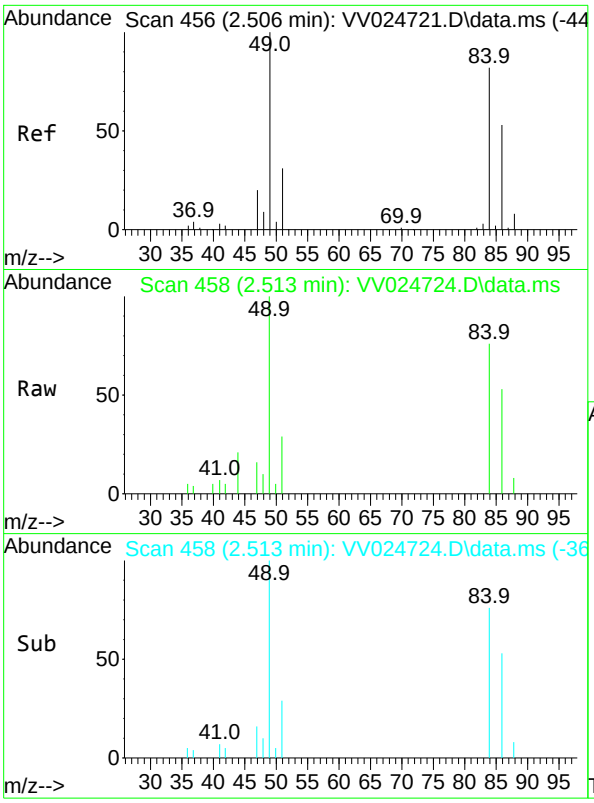
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Feb 18 07:32:51 2022
Response via : Initial Calibration



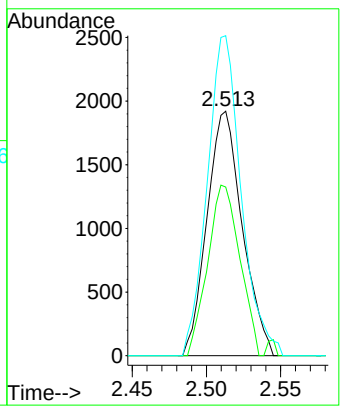


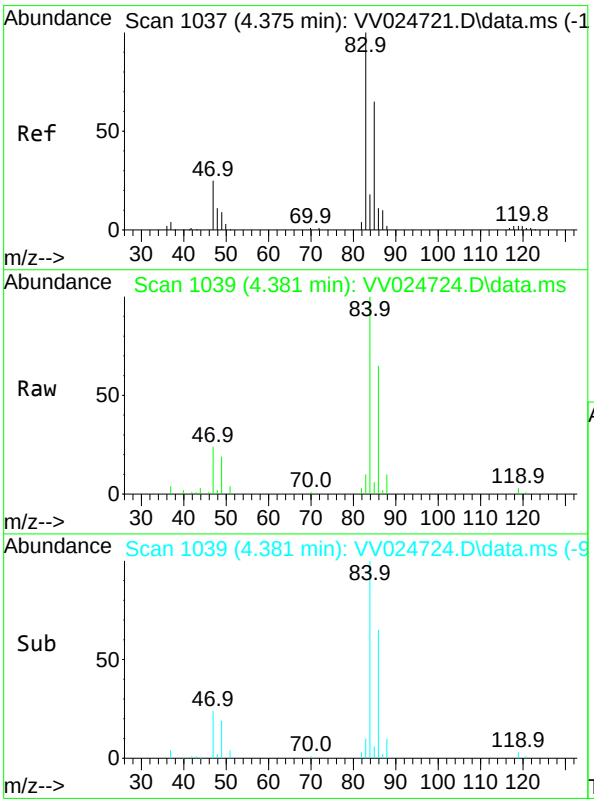
#16
Methylene chloride
Concen: 0.213 ug/L
RT: 2.513 min Scan# 4
Delta R.T. 0.006 min
Lab File: VV024724.D
Acq: 17 Feb 2022 16:04

Instrument :
MSVOA_V
ClientSampleId :
GBCX8

Tgt Ion: 84 Resp: 3177

Ion	Ratio	Lower	Upper
84	100		
86	69.0	45.1	83.7
49	130.9	83.5	155.1

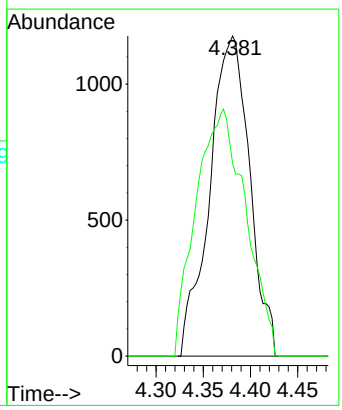


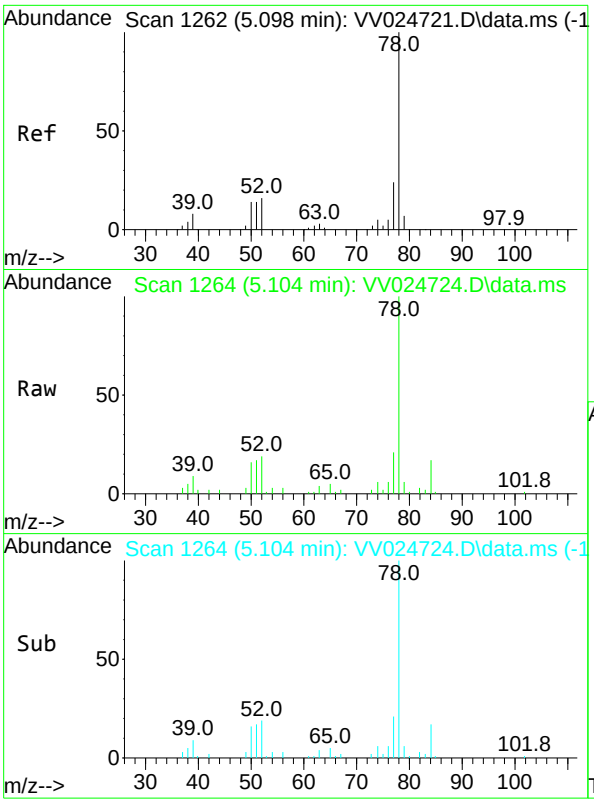


#25
Chloroform
Concen: 0.122 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VV024724.D
Acq: 17 Feb 2022 16:04

Tgt Ion: 83 Resp: 3461

Ion	Ratio	Lower	Upper
83	100		
85	60.2	45.5	84.5

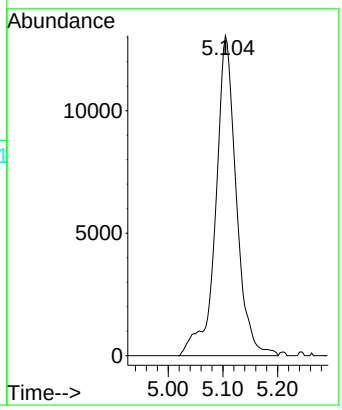


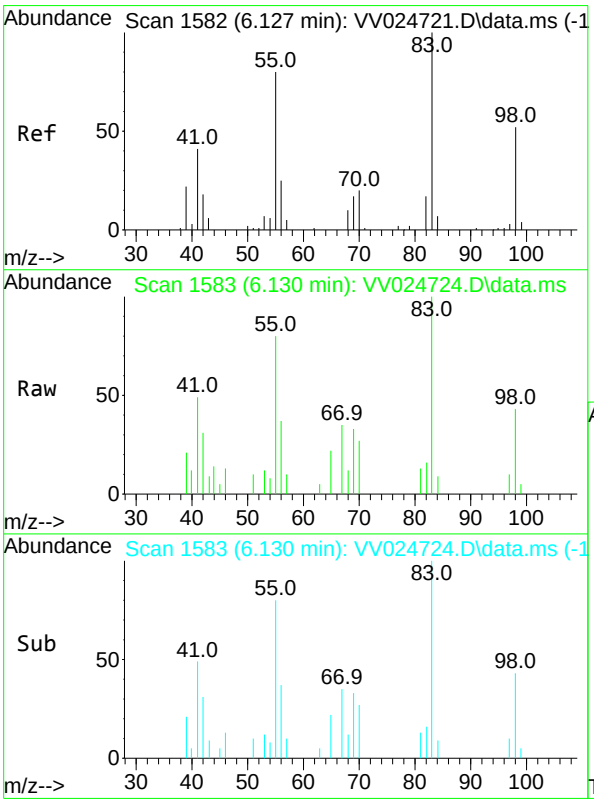


#33
Benzene
Concen: 0.557 ug/L
RT: 5.104 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV024724.D
Acq: 17 Feb 2022 16:04

Instrument :
MSVOA_V
ClientSampleId :
GBCX8

Tgt Ion: 78 Resp: 34112

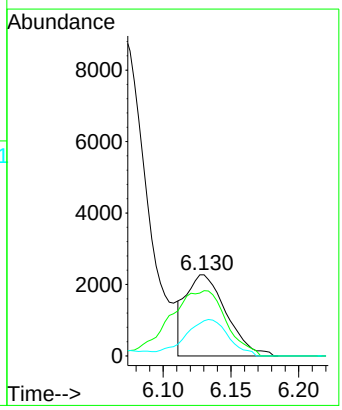


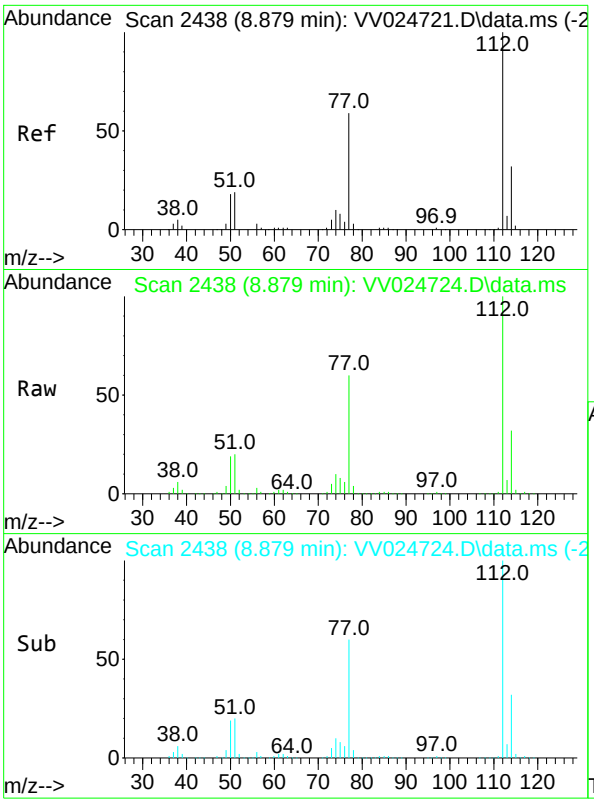


#35
Methylcyclohexane
Concen: 0.179 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.003 min
Lab File: VV024724.D
Acq: 17 Feb 2022 16:04

Tgt Ion: 83 Resp: 4695

Ion	Ratio	Lower	Upper
83	100		
55	114.3	58.8	88.2#
98	48.5	38.6	58.0



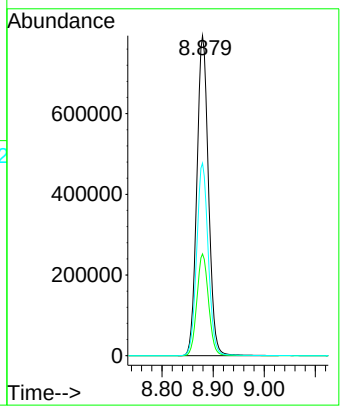


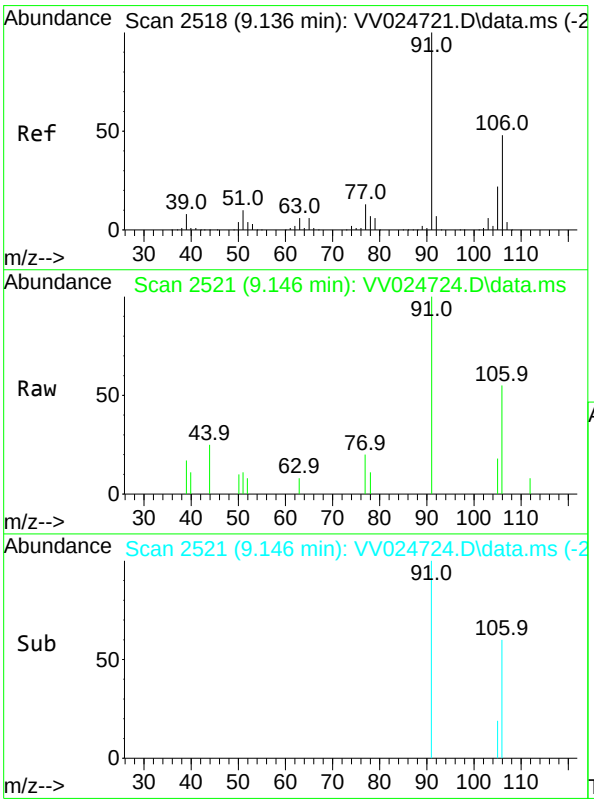
#51
Chlorobenzene
Concen: 30.708 ug/L
RT: 8.879 min Scan# 24
Delta R.T. 0.000 min
Lab File: VV024724.D
Acq: 17 Feb 2022 16:04

Instrument :
MSVOA_V
ClientSampleId :
GBCX8

Tgt Ion:112 Resp: 1252779

Ion	Ratio	Lower	Upper
112	100		
114	31.8	22.3	41.5
77	60.2	48.4	72.6

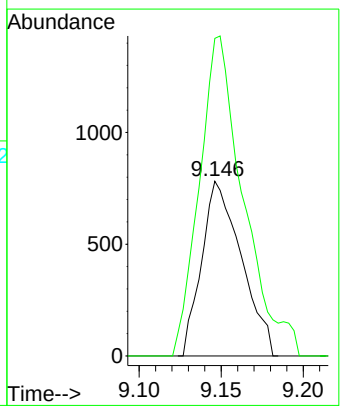


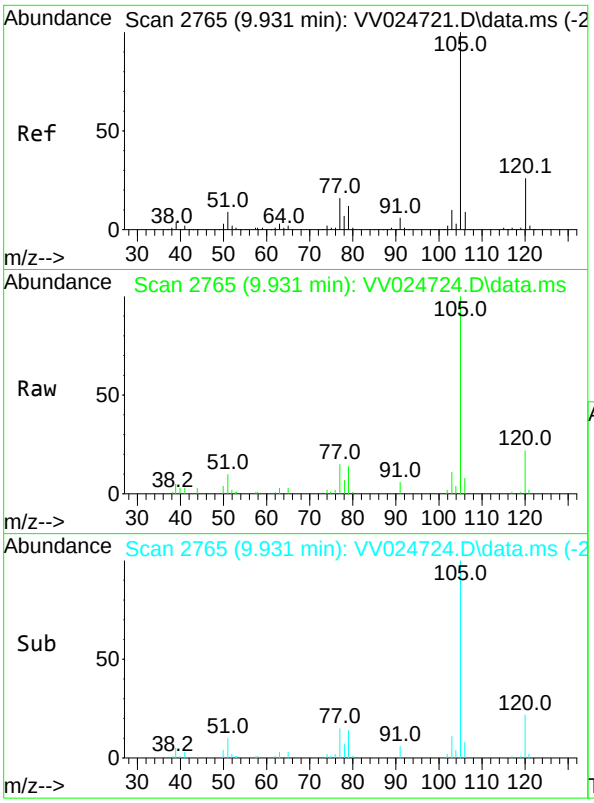


#53
m,p-xylene
Concen: 0.049 ug/L
RT: 9.146 min Scan# 2521
Delta R.T. 0.010 min
Lab File: VV024724.D
Acq: 17 Feb 2022 16:04

Tgt Ion:106 Resp: 1314

Ion	Ratio	Lower	Upper
106	100		
91	181.7	143.6	266.6



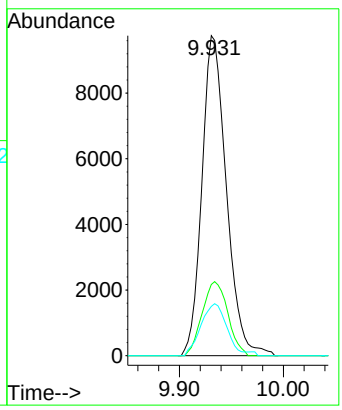


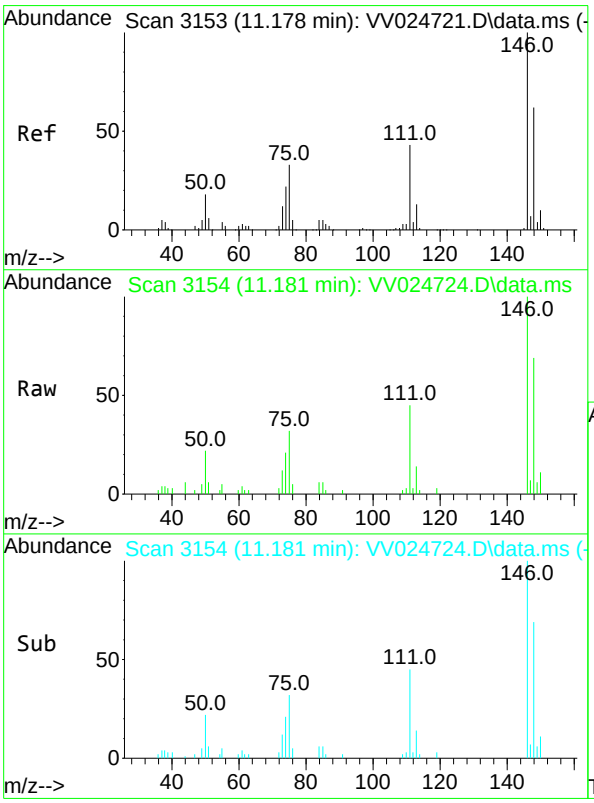
#60
Isopropylbenzene
Concen: 0.237 ug/L
RT: 9.931 min Scan# 2
Delta R.T. 0.000 min
Lab File: VV024724.D
Acq: 17 Feb 2022 16:04

Instrument :
MSVOA_V
ClientSampleId :
GBCX8

Tgt Ion:105 Resp: 15913

Ion	Ratio	Lower	Upper
105	100		
120	24.3	20.7	31.1
77	0.0	12.7	19.1#

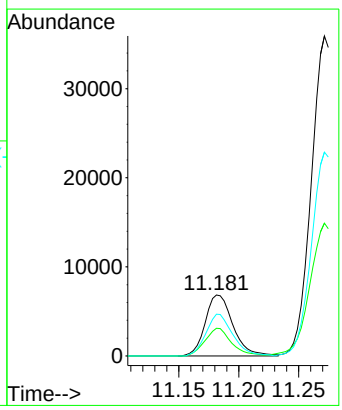


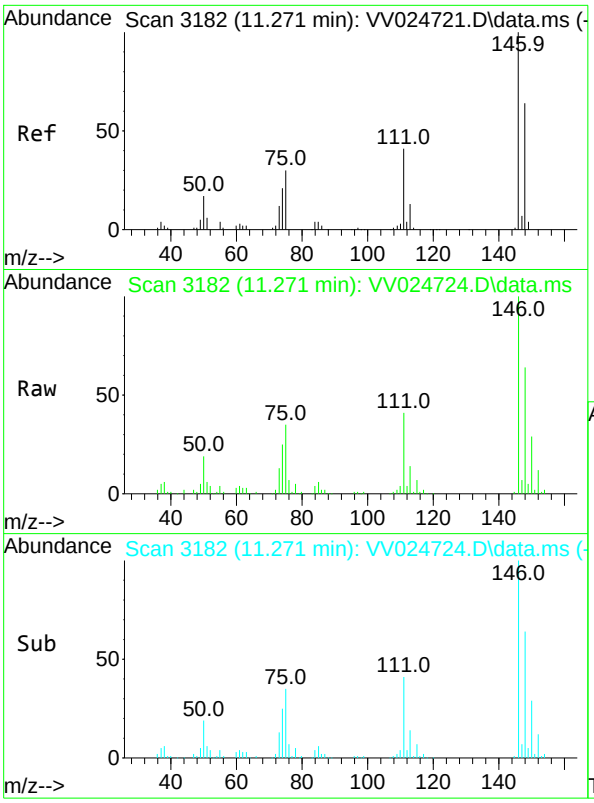


#64
1,3-Dichlorobenzene
Concen: 0.389 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.003 min
Lab File: VV024724.D
Acq: 17 Feb 2022 16:04

Tgt Ion:146 Resp: 11010

Ion	Ratio	Lower	Upper
146	100		
111	45.5	31.0	57.6
148	68.5	45.4	84.4





#65
1,4-Dichlorobenzene
Concen: 2.038 ug/L
RT: 11.271 min Scan# 3
Delta R.T. 0.000 min
Lab File: VV024724.D
Acq: 17 Feb 2022 16:04

Instrument :
MSVOA_V
ClientSampleId :
GBCX8

Tgt Ion:146 Resp: 57691

Ion	Ratio	Lower	Upper
146	100		
111	41.5	28.3	52.7
148	63.7	44.0	81.8