Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110921\
Data File : VV023308.D
Acq On : 09 Nov 2021 17:10
Operator : SY/MD
Sample : M4534-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GB8E8

Quant Time: Nov 10 00:43:51 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 10 00:38:37 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	139748	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	139205	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	72344	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	29768	3.400	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 68.000%			
7) Chloroethane-d5	1.568	69	27953	3.918	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 78.400%			
11) 1,1-Dichloroethene-d2	2.111	63	44143	2.693	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 53.800%#			
20) 2-Butanone-d5	3.886	46	87778	58.198	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 116.400%			
24) Chloroform-d	4.352	84	77591	4.159	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.200%			
26) 1,2-Dichloroethane-d4	5.034	65	37230	4.437	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.800%			
32) Benzene-d6	5.053	84	140267	3.927	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 78.600%			
36) 1,2-Dichloropropane-d6	6.072	67	44534	4.236	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 84.800%			
41) Toluene-d8	7.317	98	118748	3.548	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 71.000%			
43) trans-1,3-Dichloroprop...	7.625	79	15813	3.966	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 79.400%			
46) 2-Hexanone-d5	8.088	63	70132	47.811	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 95.620%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	34002	4.497	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 90.000%			
66) 1,2-Dichlorobenzene-d4	11.625	152	56394	4.682	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.600%			
Target Compounds						Qvalue
30) Cyclohexane	4.674	56	2037	0.134	ug/L #	95
33) Benzene	5.101	78	112273	2.886	ug/L	100
35) Methylcyclohexane	6.133	83	26939	1.650	ug/L #	86
42) Toluene	7.394	91	17096	0.411	ug/L	95
51) Chlorobenzene	8.883	112	4446339	160.742	ug/L	97
52) Ethylbenzene	9.021	91	6363	0.145	ug/L	92
53) m,p-xylene	9.143	106	12325	0.716	ug/L	97
54) o-xylene	9.551	106	1425	0.088	ug/L	81
60) Isopropylbenzene	9.934	105	49916	1.202	ug/L #	85
63) 1,2,4-Trimethylbenzene	10.921	105	2612	0.076	ug/L	98
64) 1,3-Dichlorobenzene	11.181	146	43054	2.030	ug/L	98
65) 1,4-Dichlorobenzene	11.272	146	295027	13.619	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	7438	0.392	ug/L	94

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

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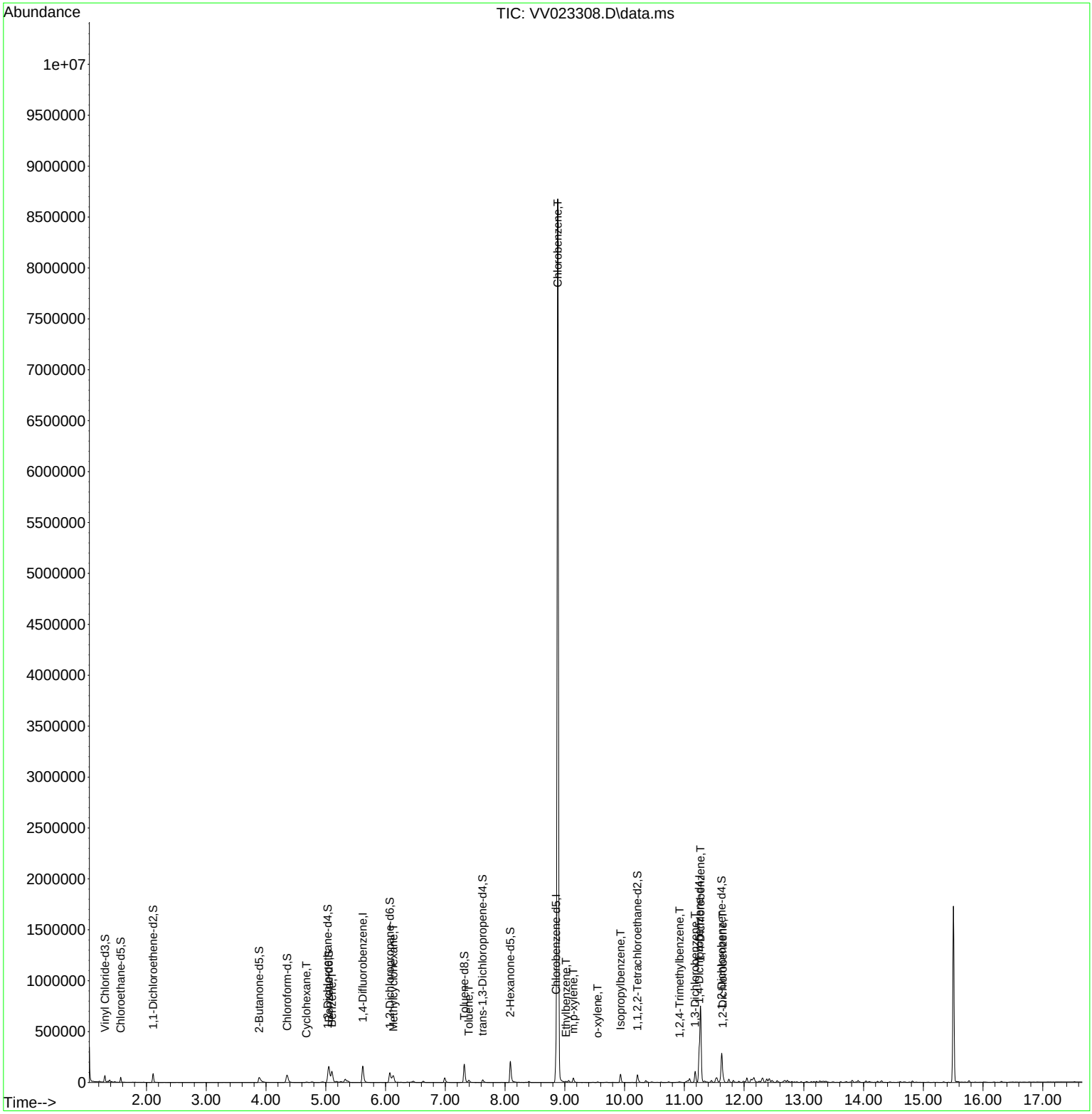
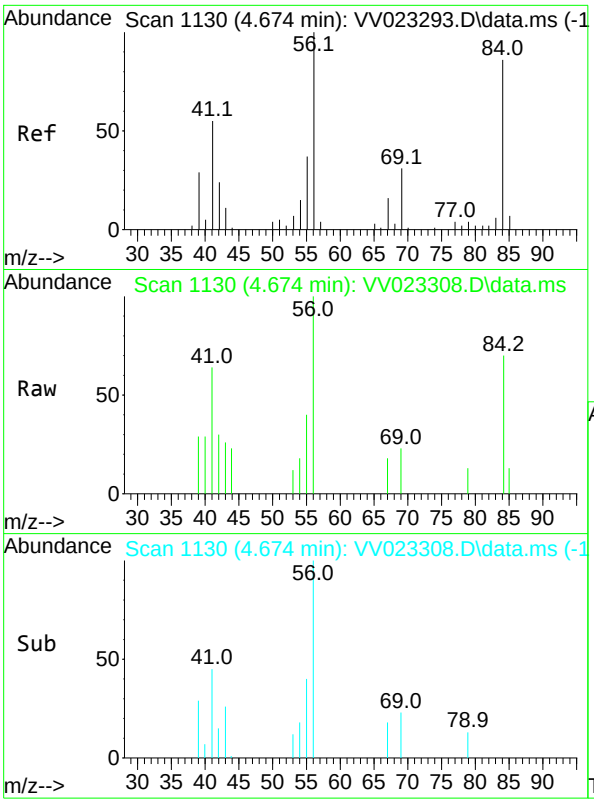
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 10 00:38:37 2021
Response via : Initial Calibration



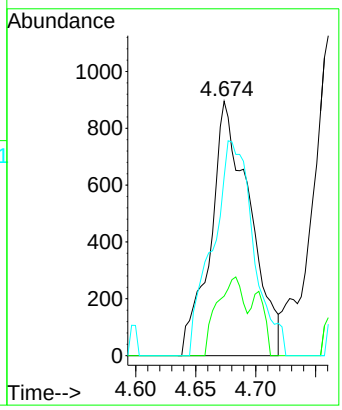


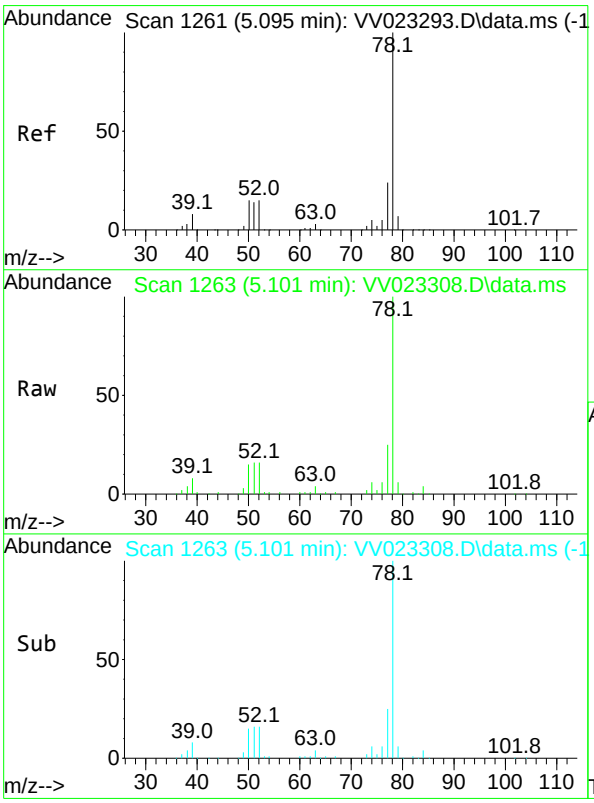
#30
Cyclohexane
Concen: 0.134 ug/L
RT: 4.674 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV023308.D
Acq: 09 Nov 2021 17:10

Instrument :
MSVOA_V
ClientSampleId :
GB8E8

Tgt Ion: 56 Resp: 2037

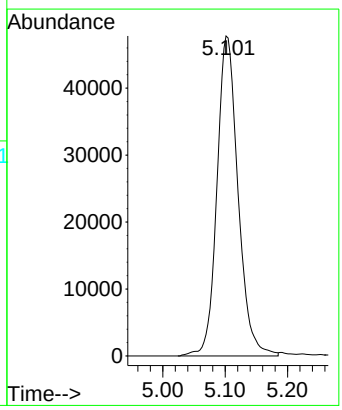
Ion	Ratio	Lower	Upper
56	100		
69	21.0	23.5	35.3#
84	88.0	71.6	107.4

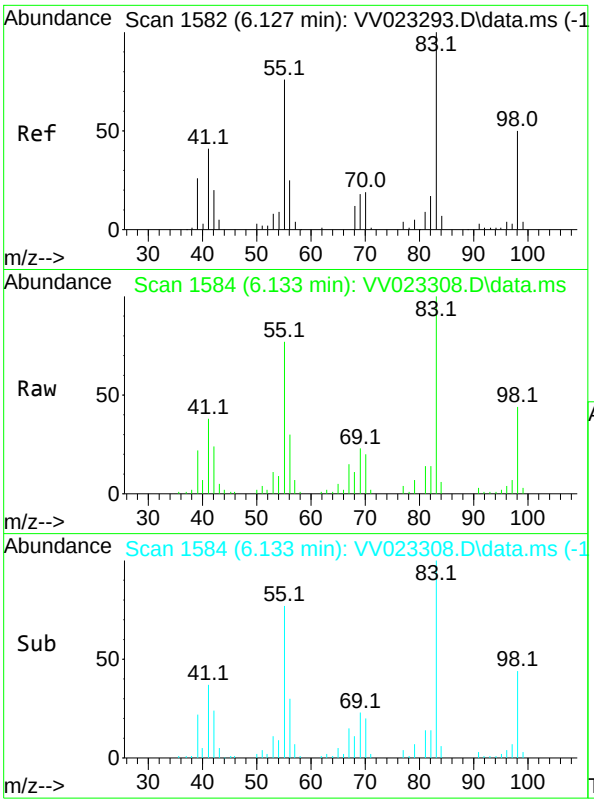




#33
Benzene
Concen: 2.886 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VV023308.D
Acq: 09 Nov 2021 17:10

Tgt Ion: 78 Resp: 112273



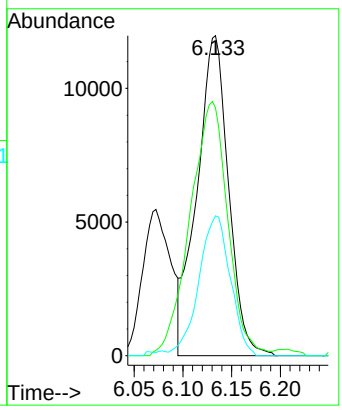


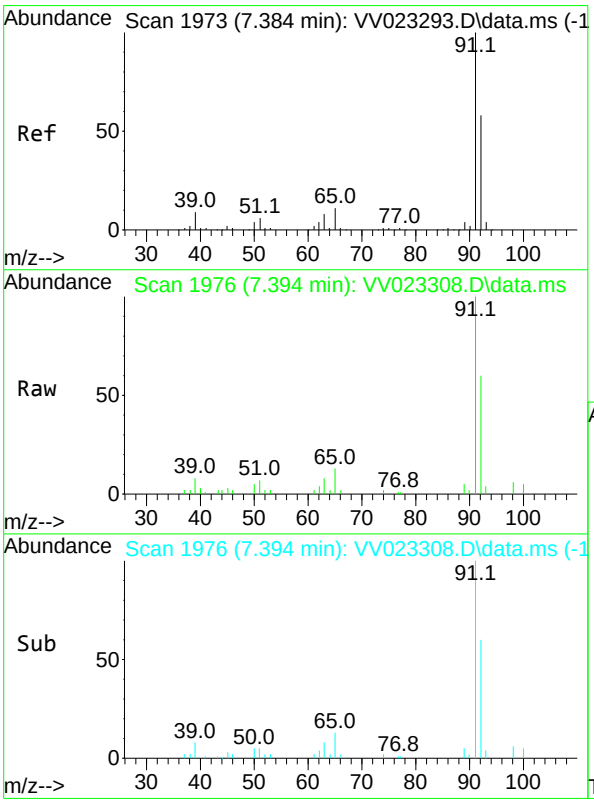
#35
Methylcyclohexane
Concen: 1.650 ug/L
RT: 6.133 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV023308.D
Acq: 09 Nov 2021 17:10

Instrument :
MSVOA_V
ClientSampleId :
GB8E8

Tgt Ion: 83 Resp: 26939

Ion	Ratio	Lower	Upper
83	100		
55	94.9	62.8	94.2#
98	43.6	37.9	56.9

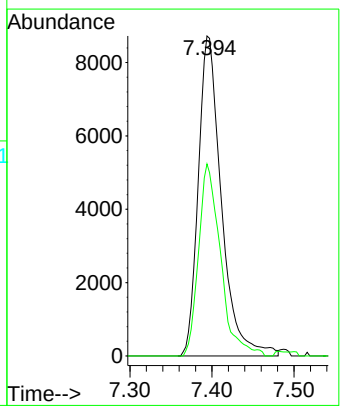


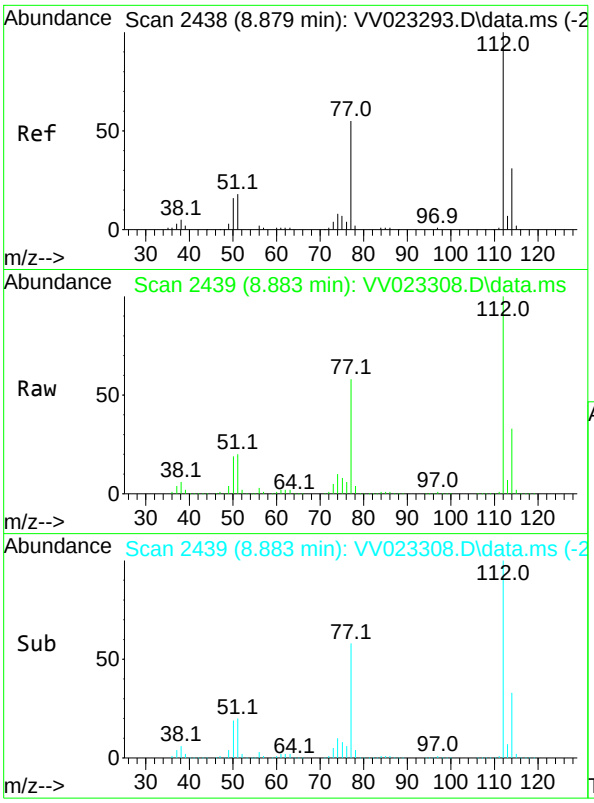


#42
Toluene
Concen: 0.411 ug/L
RT: 7.394 min Scan# 1976
Delta R.T. 0.010 min
Lab File: VV023308.D
Acq: 09 Nov 2021 17:10

Tgt Ion: 91 Resp: 17096

Ion	Ratio	Lower	Upper
91	100		
92	60.0	39.3	72.9



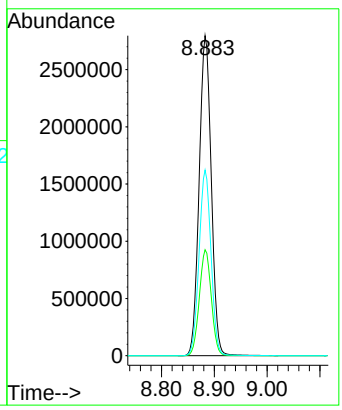


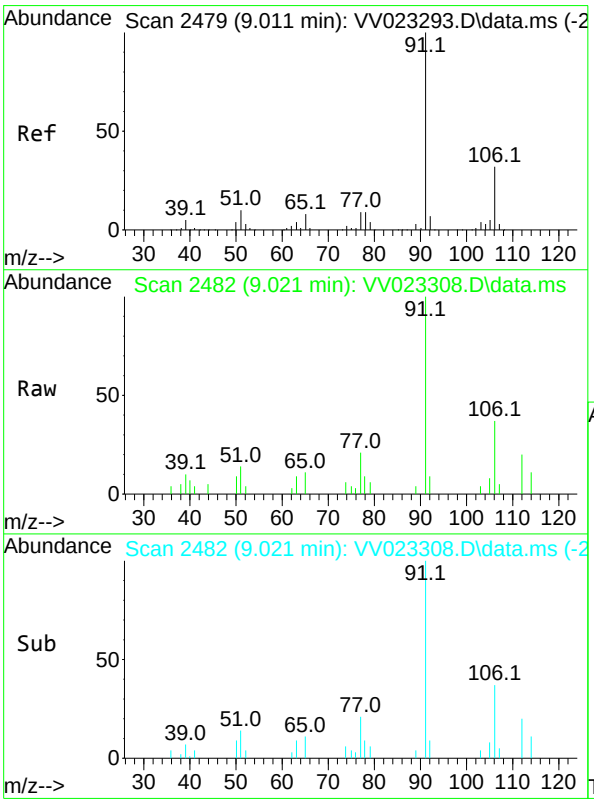
#51
Chlorobenzene
Concen: 160.742 ug/L
RT: 8.883 min Scan# 24
Delta R.T. 0.003 min
Lab File: VV023308.D
Acq: 09 Nov 2021 17:10

Instrument :
MSVOA_V
ClientSampleId :
GB8E8

Tgt Ion:112 Resp: 4446339

Ion	Ratio	Lower	Upper
112	100		
114	33.1	22.0	40.8
77	58.0	44.4	66.6

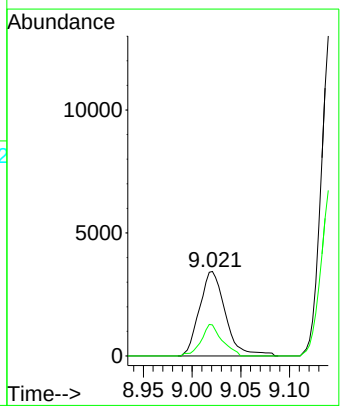


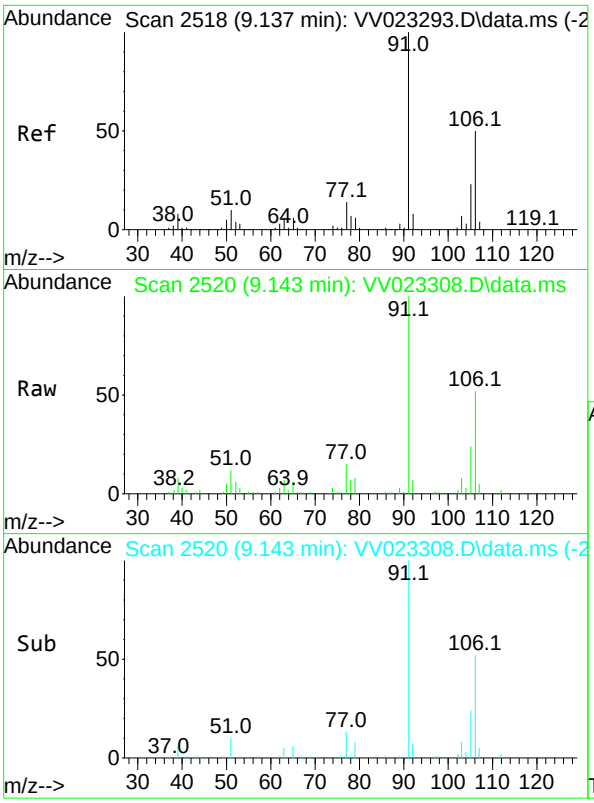


#52
Ethylbenzene
Concen: 0.145 ug/L
RT: 9.021 min Scan# 2482
Delta R.T. 0.010 min
Lab File: VV023308.D
Acq: 09 Nov 2021 17:10

Tgt Ion: 91 Resp: 6363

Ion	Ratio	Lower	Upper
91	100		
106	36.7	22.5	41.9



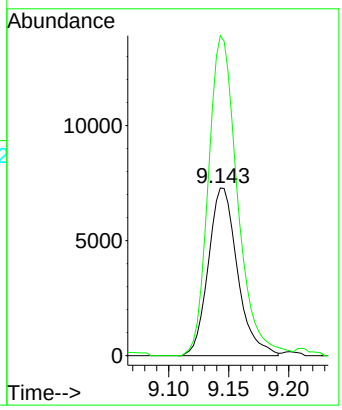


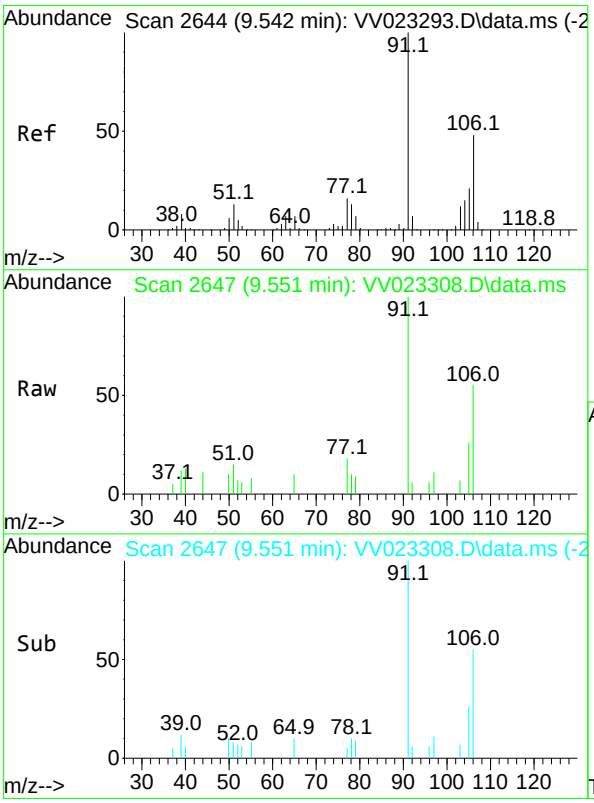
#53
m,p-xylene
Concen: 0.716 ug/L
RT: 9.143 min Scan# 2
Delta R.T. 0.006 min
Lab File: VV023308.D
Acq: 09 Nov 2021 17:10

Instrument :
MSVOA_V
ClientSampleId :
GB8E8

Tgt Ion:106 Resp: 12325

Ion	Ratio	Lower	Upper
106	100		
91	190.8	137.2	254.8

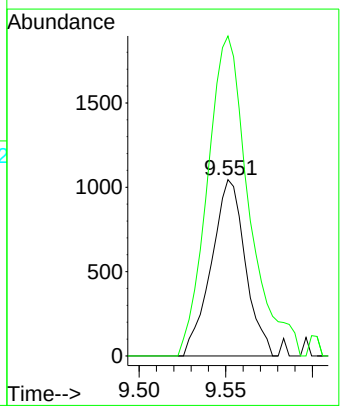


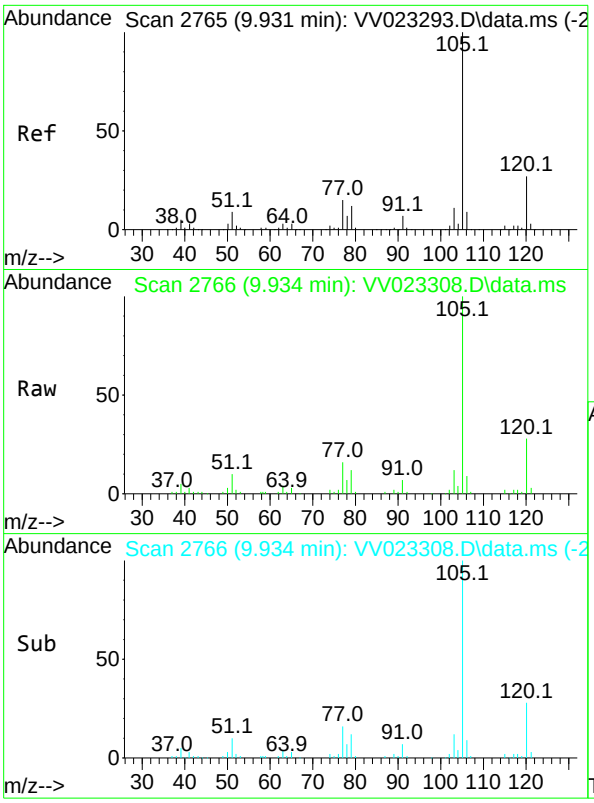


#54
o-xylene
Concen: 0.088 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. 0.010 min
Lab File: VV023308.D
Acq: 09 Nov 2021 17:10

Tgt Ion:106 Resp: 1425

Ion	Ratio	Lower	Upper
106	100		
91	181.5	148.3	275.5



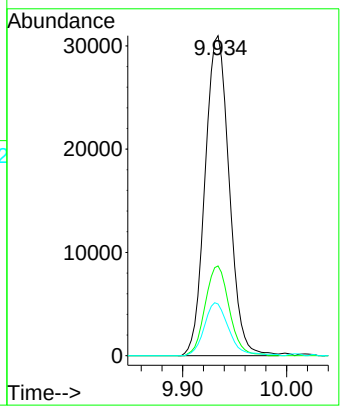


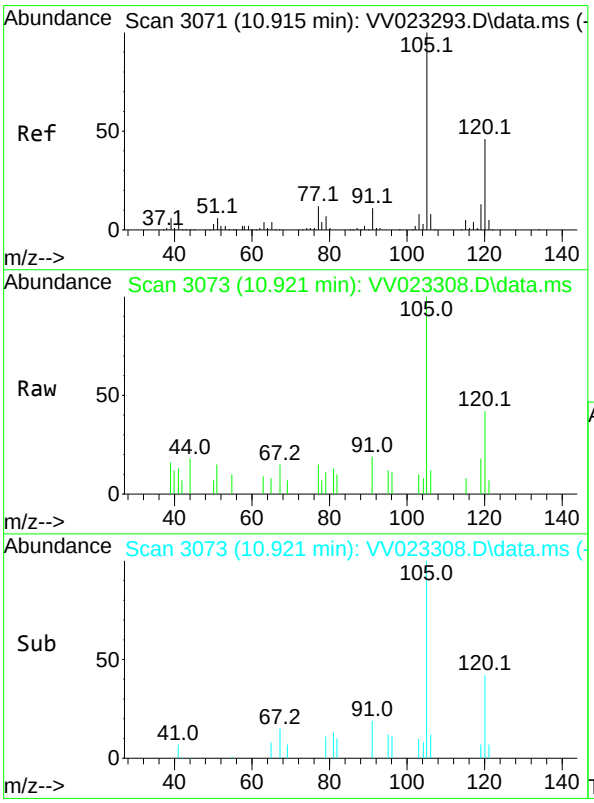
#60
Isopropylbenzene
Concen: 1.202 ug/L
RT: 9.934 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV023308.D
Acq: 09 Nov 2021 17:10

Instrument :
MSVOA_V
ClientSampleId :
GB8E8

Tgt Ion:105 Resp: 49916

Ion	Ratio	Lower	Upper
105	100		
120	28.0	21.7	32.5
77	0.0	12.6	19.0#

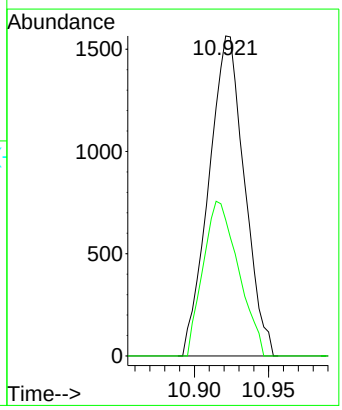


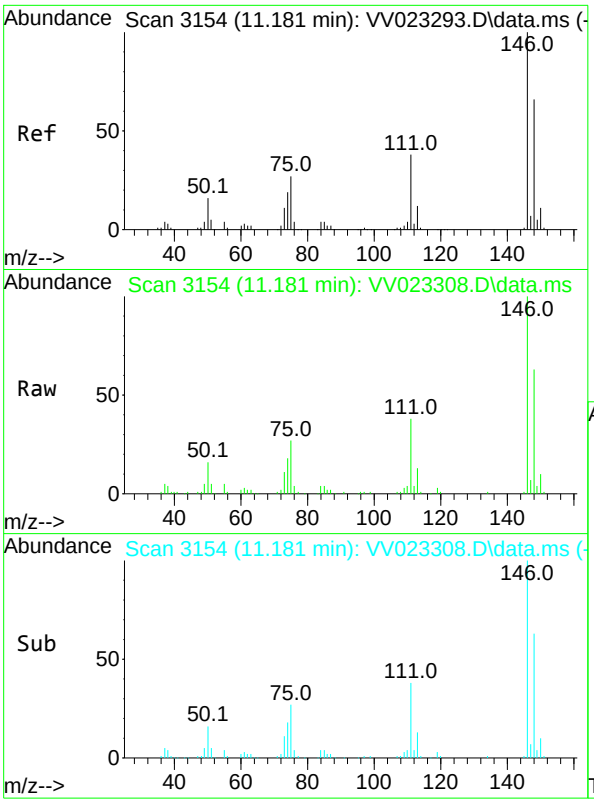


#63
1,2,4-Trimethylbenzene
Concen: 0.076 ug/L
RT: 10.921 min Scan# 3073
Delta R.T. 0.006 min
Lab File: VV023308.D
Acq: 09 Nov 2021 17:10

Tgt Ion:105 Resp: 2612

Ion	Ratio	Lower	Upper
105	100		
120	47.8	37.4	56.2



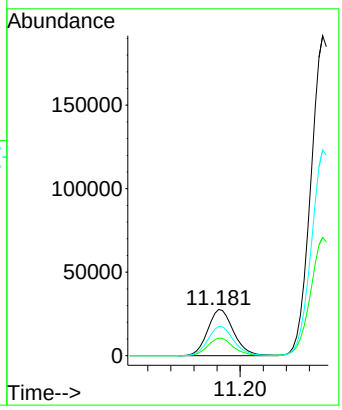


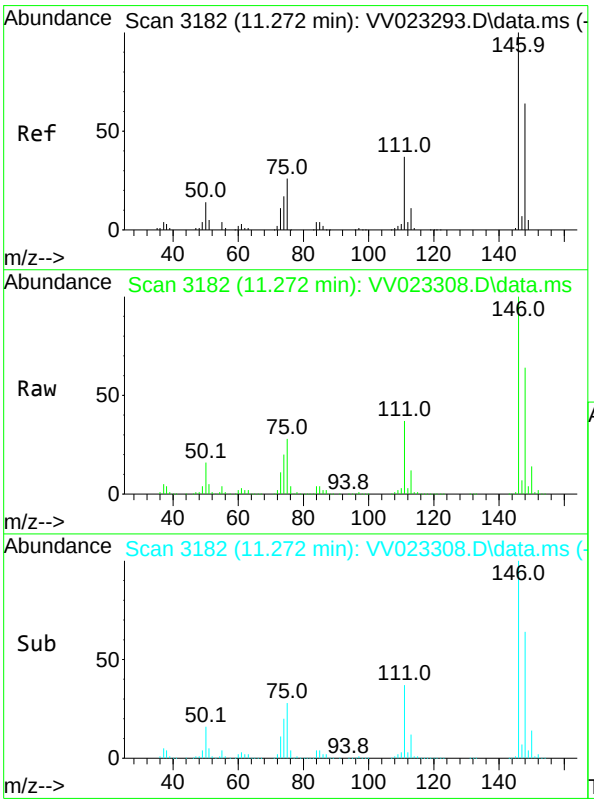
#64
1,3-Dichlorobenzene
Concen: 2.030 ug/L
RT: 11.181 min Scan# 3
Delta R.T. -0.000 min
Lab File: VV023308.D
Acq: 09 Nov 2021 17:10

Instrument :
MSVOA_V
ClientSampleId :
GB8E8

Tgt Ion:146 Resp: 43054

Ion	Ratio	Lower	Upper
146	100		
111	38.1	26.7	49.7
148	63.2	42.9	79.7

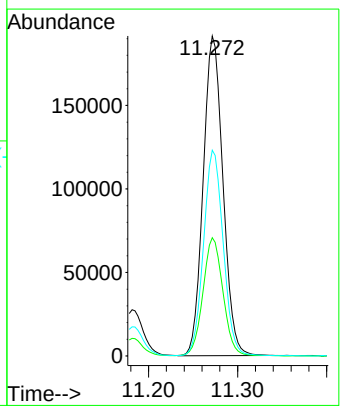


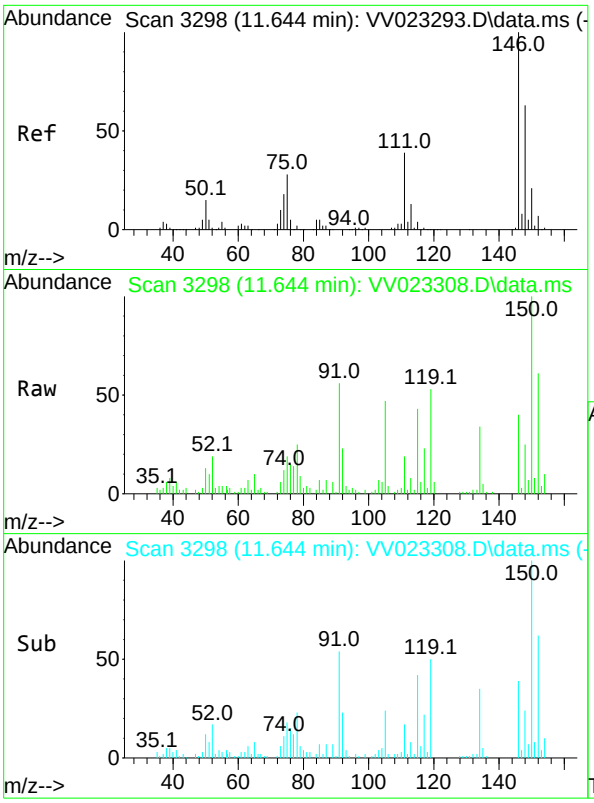


#65
1,4-Dichlorobenzene
Concen: 13.619 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV023308.D
Acq: 09 Nov 2021 17:10

Tgt Ion:146 Resp: 295027

Ion	Ratio	Lower	Upper
146	100		
111	37.0	26.2	48.8
148	64.3	44.4	82.5





#67
1,2-Dichlorobenzene
Concen: 0.392 ug/L
RT: 11.644 min Scan# 3
Delta R.T. -0.000 min
Lab File: VV023308.D
Acq: 09 Nov 2021 17:10

Instrument :
MSVOA_V
ClientSampleId :
GB8E8

Tgt Ion:146 Resp: 7438

Ion	Ratio	Lower	Upper
146	100		
111	46.1	31.6	47.4
148	61.9	51.0	76.6