Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV123121\
Data File : VV024260.D
Acq On : 31 Dec 2021 03:21
Operator : SY/MD
Sample : M5213-05DL 400X
Misc : 6.57G/5.0mL/100uL//5.0ml/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Dec 31 06:19:12 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM123121WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 31 06:12:03 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	229350	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	212391	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	117353	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	80836	48.974	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 97.940%			
7) Chloroethane-d5	1.568	69	64096	51.118	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 102.240%			
11) 1,1-Dichloroethene-d2	2.108	63	114860	37.233	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 74.460%			
21) 2-Butanone-d5	3.886	46	92325	100.394	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 100.390%			
24) Chloroform-d	4.349	84	148136	49.105	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.200%			
26) 1,2-Dichloroethane-d4	5.031	65	103254	51.122	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.240%			
32) Benzene-d6	5.050	84	286430	51.679	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.360%			
36) 1,2-Dichloropropane-d6	6.069	67	80194	51.628	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 103.260%			
41) Toluene-d8	7.317	98	264703	49.326	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.660%			
43) trans-1,3-Dichloroprop...	7.622	79	44400	49.640	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 99.280%			
47) 2-Hexanone-d5	8.088	63	68190	101.045	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 101.040%			
56) 1,1,2,2-Tetrachloroeth...	10.214	84	111078	50.040	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 100.080%			
66) 1,2-Dichlorobenzene-d4	11.622	152	120210	51.391	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.780%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	1054	0.729	ug/L #	16
35) Methylcyclohexane	6.069	83	22359	10.123	ug/L #	21
37) 1,2-Dichloropropane	6.069	63	10421	8.204	ug/L #	82
39) cis-1,3-Dichloropropene	6.989	75	3319	1.554	ug/L #	81
44) trans-1,3-Dichloropropene	7.622	75	2218	1.024	ug/L	95
52) Ethylbenzene	9.011	91	103077	15.916	ug/L	99
53) m,p-Xylene	9.137	106	155999	60.093	ug/L	98
54) o-Xylene	9.545	106	37418	15.100	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.220	83	1705	0.820	ug/L #	1
60) Isopropylbenzene	10.448	105	102378	15.766	ug/L	95
62) 1,3,5-Trimethylbenzene	10.538	105	45023	8.060	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	147207	26.397	ug/L	99
71) Naphthalene	13.503	128	51276	8.046	ug/L	99

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

Quantitation Report (Not Reviewed)

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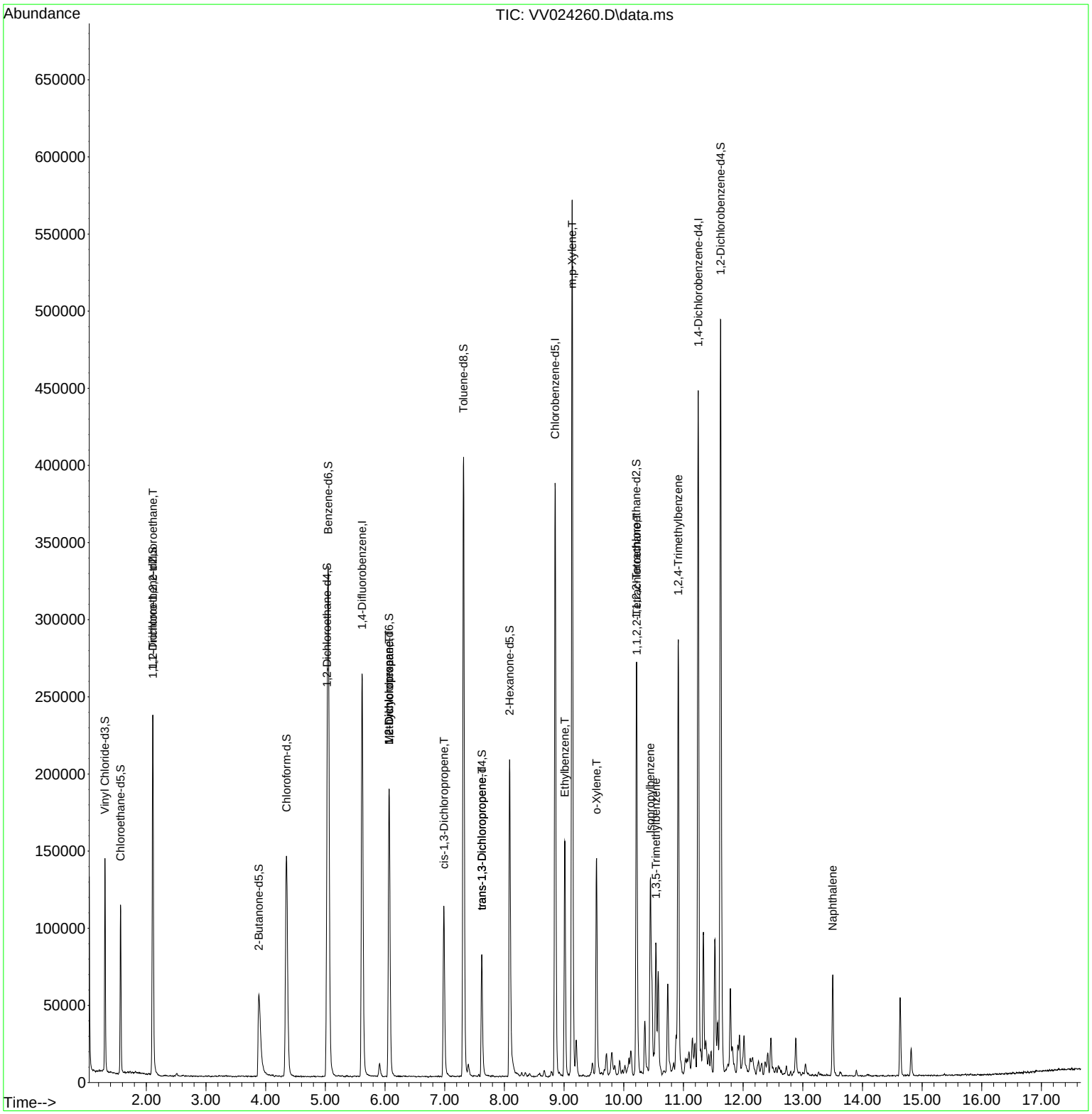
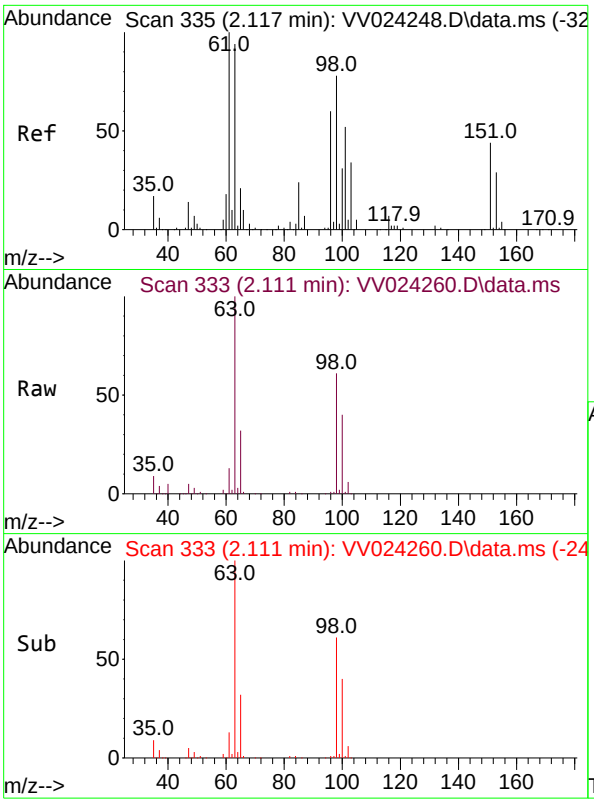
Sample : M5213-05DL 400X
Misc : 6.57G/5.0mL/100uL//5.0ml/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Dec 31 06:19:12 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM123121WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 31 06:12:03 2021
Response via : Initial Calibration



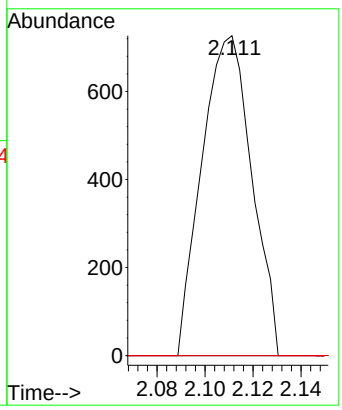


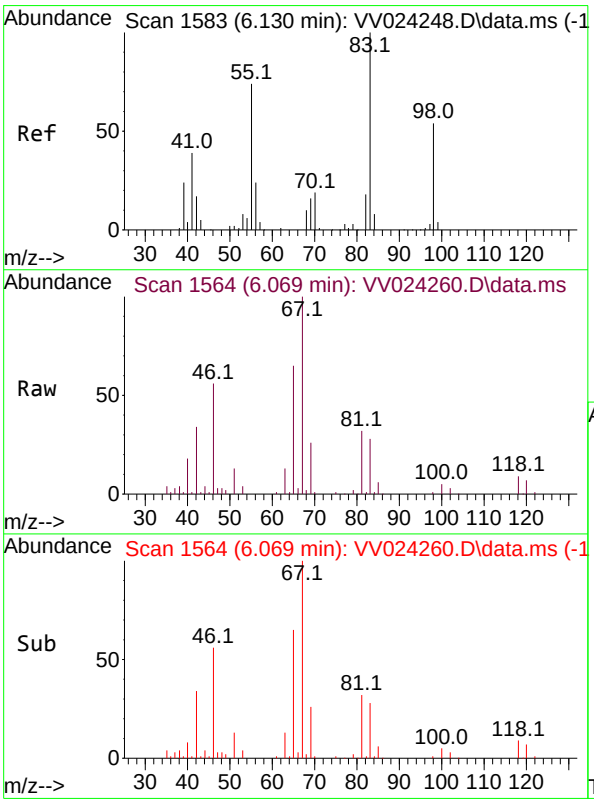
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.729 ug/L
RT: 2.111 min Scan# 3
Delta R.T. -0.006 min
Lab File: VV024260.D
Acq: 31 Dec 2021 03:21

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:101 Resp: 1054

Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.3	52.9#
151	0.0	67.1	100.7#

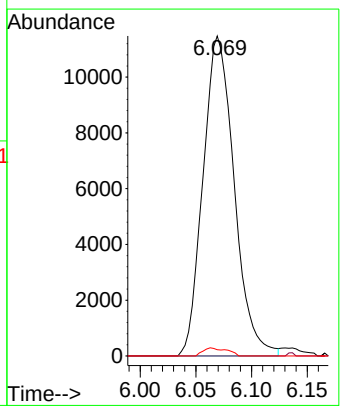


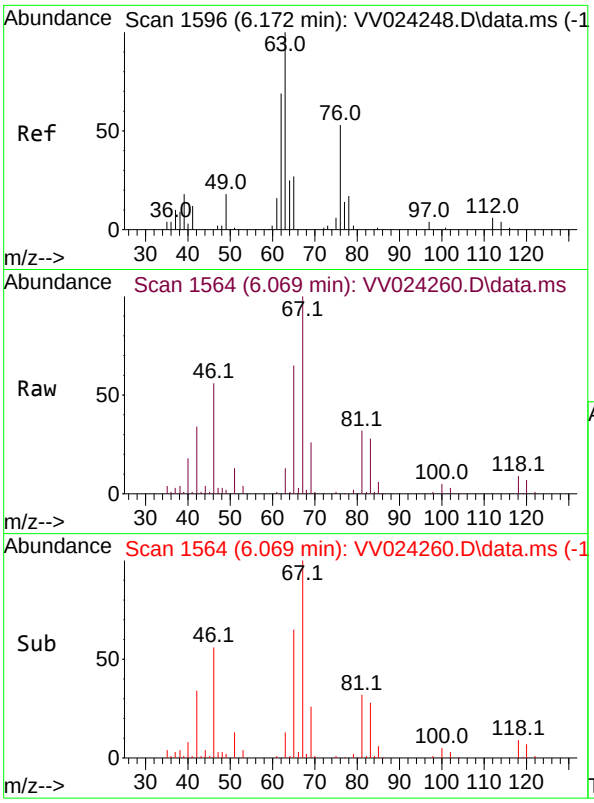


#35
Methylcyclohexane
Concen: 10.123 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.061 min
Lab File: VV024260.D
Acq: 31 Dec 2021 03:21

Tgt Ion: 83 Resp: 22359

Ion	Ratio	Lower	Upper
83	100		
55	0.2	55.6	83.4#
98	1.3	41.3	61.9#



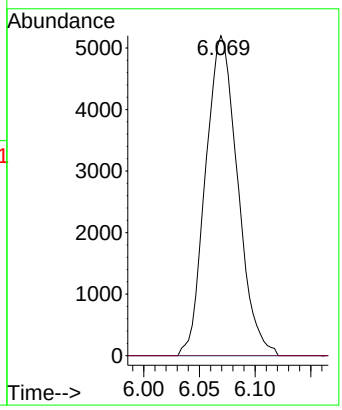


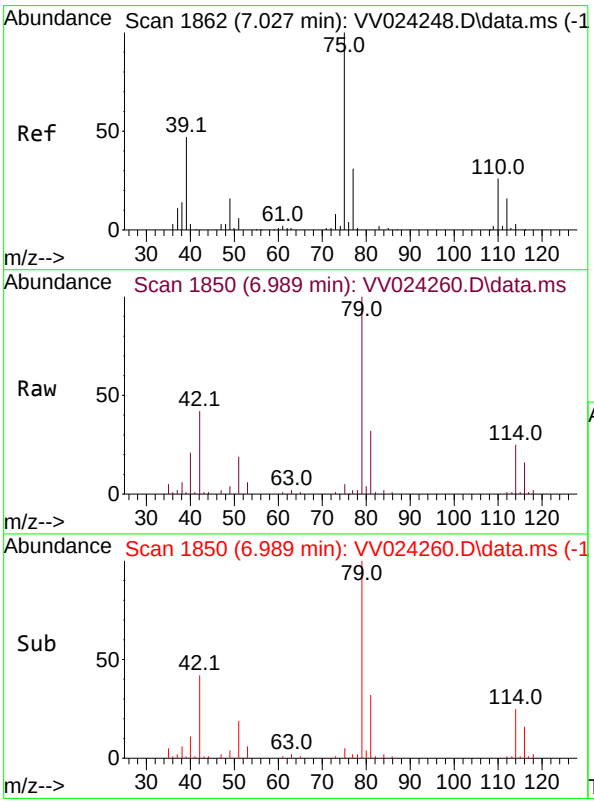
#37
1,2-Dichloropropane
Concen: 8.204 ug/L
RT: 6.069 min Scan# 1
Delta R.T. -0.103 min
Lab File: VV024260.D
Acq: 31 Dec 2021 03:21

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 10421

Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.7	7.1#

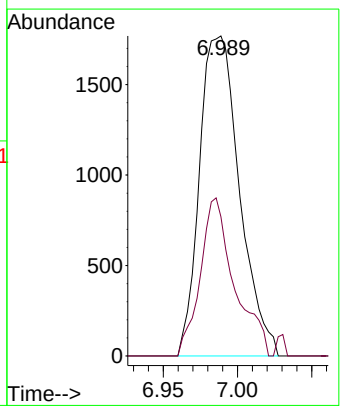


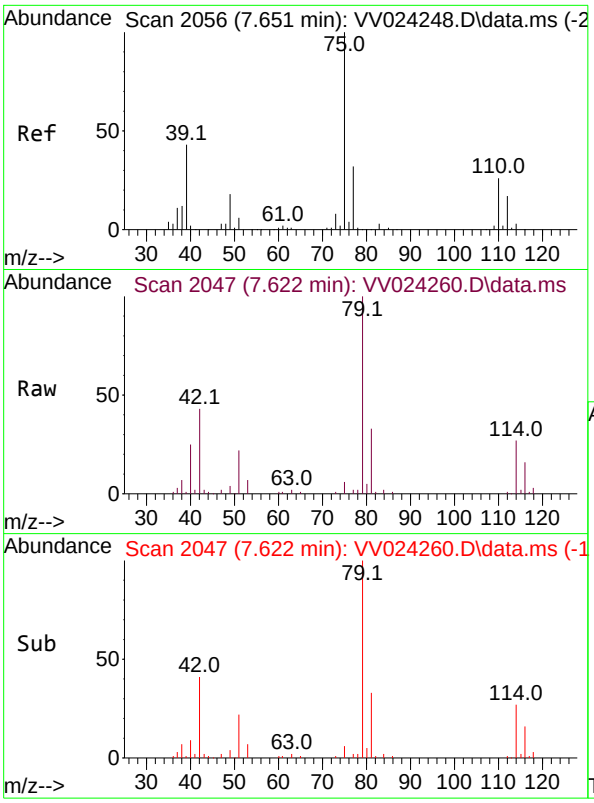


#39
cis-1,3-Dichloropropene
Concen: 1.554 ug/L
RT: 6.989 min Scan# 1850
Delta R.T. -0.038 min
Lab File: VV024260.D
Acq: 31 Dec 2021 03:21

Tgt Ion: 75 Resp: 3319

Ion	Ratio	Lower	Upper
75	100		
77	43.5	23.0	42.8#



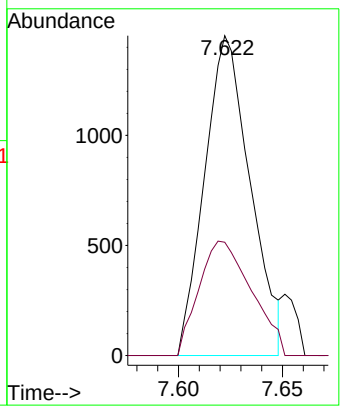


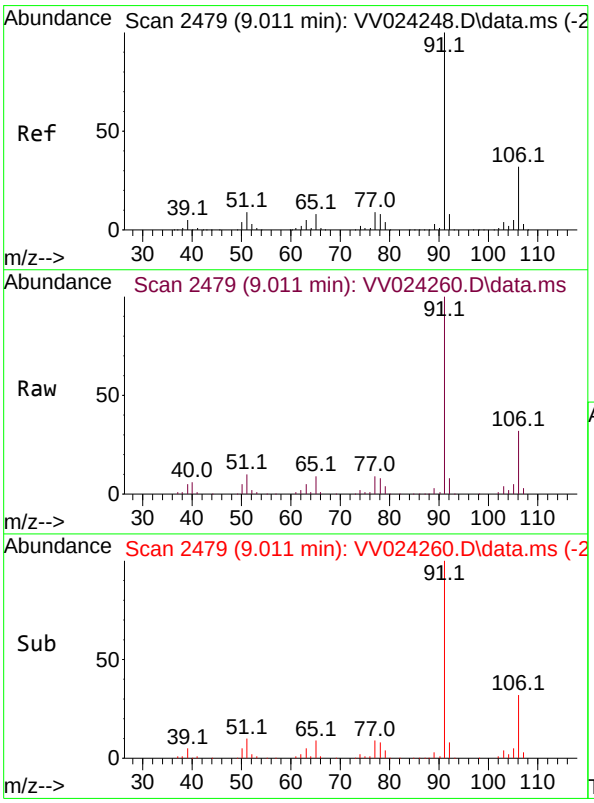
#44
trans-1,3-Dichloropropene
Concen: 1.024 ug/L
RT: 7.622 min Scan# 2
Delta R.T. -0.029 min
Lab File: VV024260.D
Acq: 31 Dec 2021 03:21

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 2218

Ion	Ratio	Lower	Upper
75	100		
77	35.4	22.7	42.1

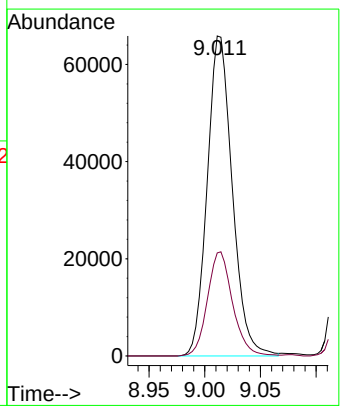


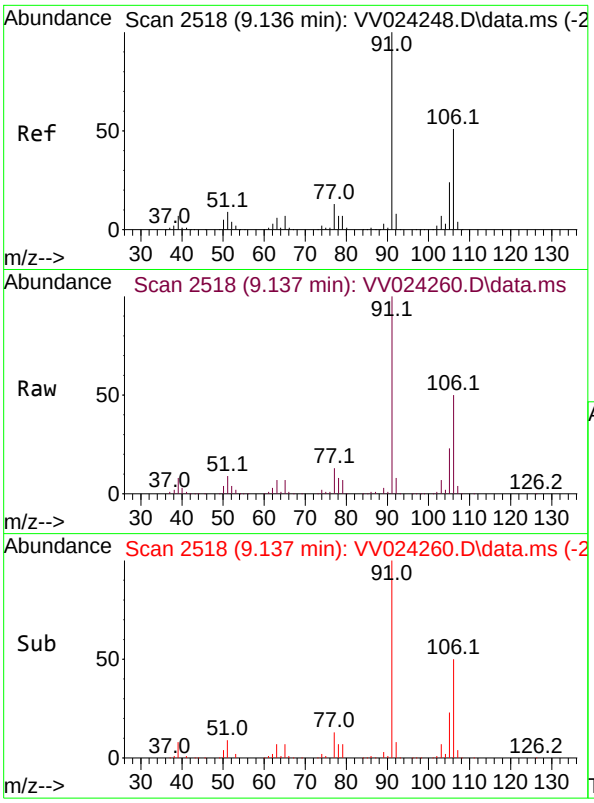


#52
Ethylbenzene
Concen: 15.916 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV024260.D
Acq: 31 Dec 2021 03:21

Tgt Ion: 91 Resp: 103077

Ion	Ratio	Lower	Upper
91	100		
106	32.2	22.0	41.0



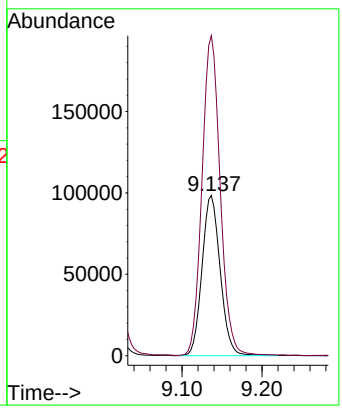


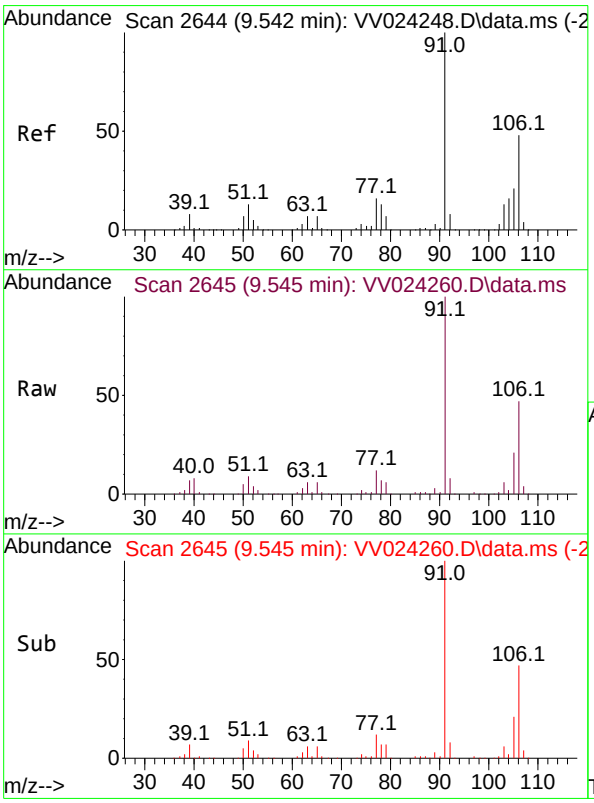
#53
m,p-Xylene
Concen: 60.093 ug/L
RT: 9.137 min Scan# 2
Delta R.T. 0.000 min
Lab File: VV024260.D
Acq: 31 Dec 2021 03:21

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:106 Resp: 155999

Ion	Ratio	Lower	Upper
106	100		
91	199.8	141.8	263.4

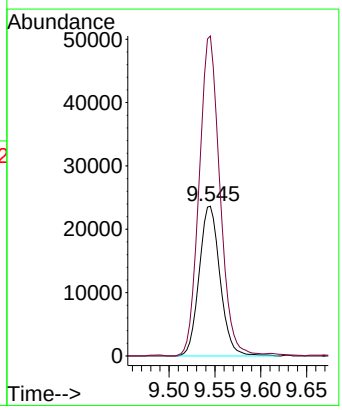


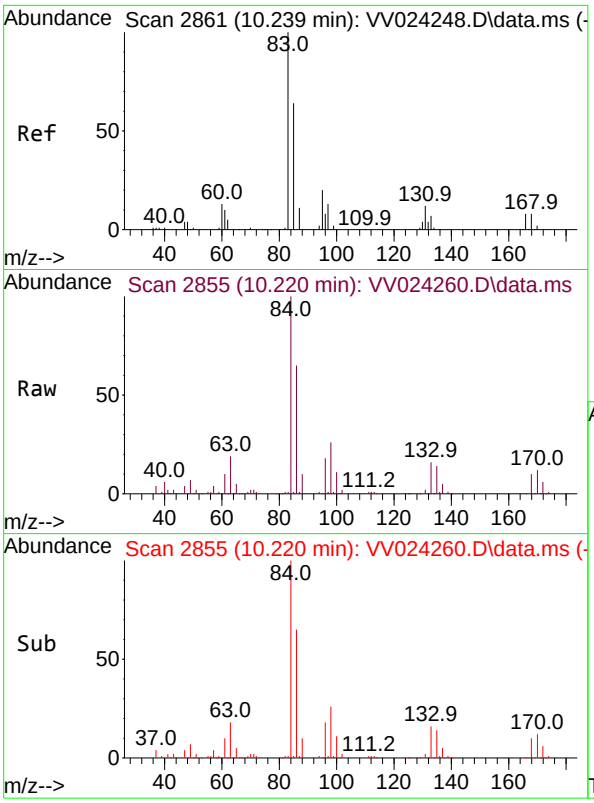


#54
o-Xylene
Concen: 15.100 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV024260.D
Acq: 31 Dec 2021 03:21

Tgt Ion:106 Resp: 37418

Ion	Ratio	Lower	Upper
106	100		
91	213.6	150.9	280.3



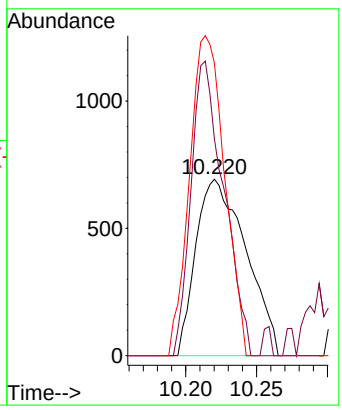


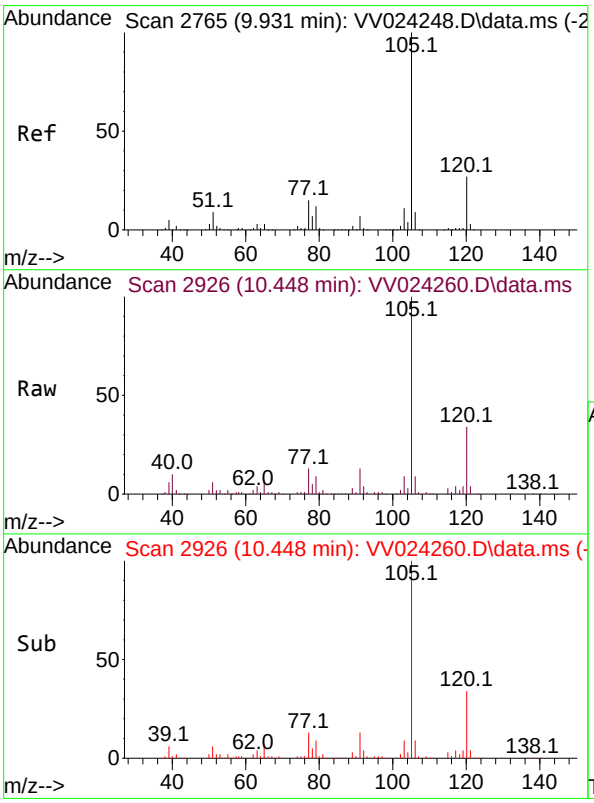
#57
1,1,2,2-Tetrachloroethane
Concen: 0.820 ug/L
RT: 10.220 min Scan# 2
Delta R.T. -0.019 min
Lab File: VV024260.D
Acq: 31 Dec 2021 03:21

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 1705

Ion	Ratio	Lower	Upper
83	100		
85	123.1	44.5	82.7#
131	165.9	9.2	13.8#

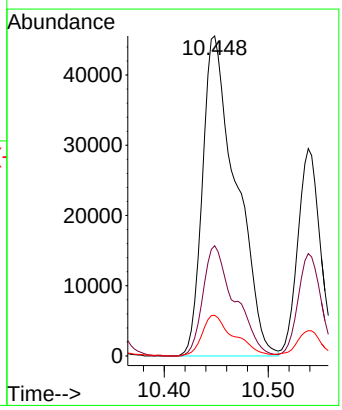


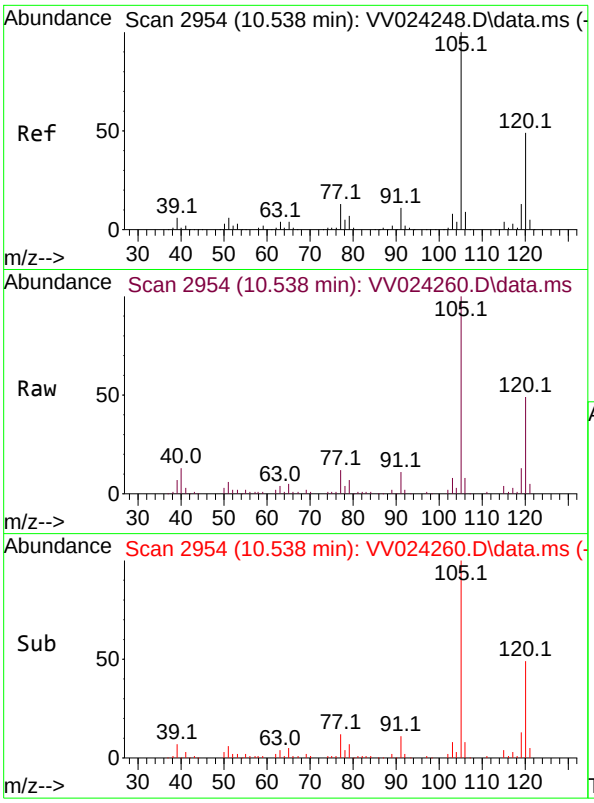


#60
Isopropylbenzene
Concen: 15.766 ug/L
RT: 10.448 min Scan# 2926
Delta R.T. 0.518 min
Lab File: VV024260.D
Acq: 31 Dec 2021 03:21

Tgt Ion:105 Resp: 102378

Ion	Ratio	Lower	Upper
105	100		
120	25.5	21.9	32.9
77	12.1	11.9	17.9



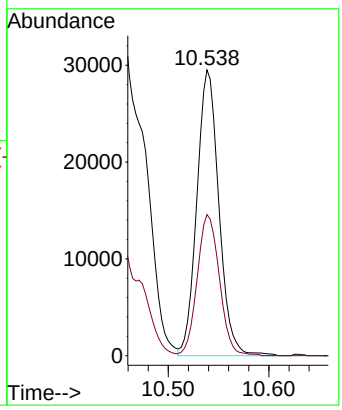


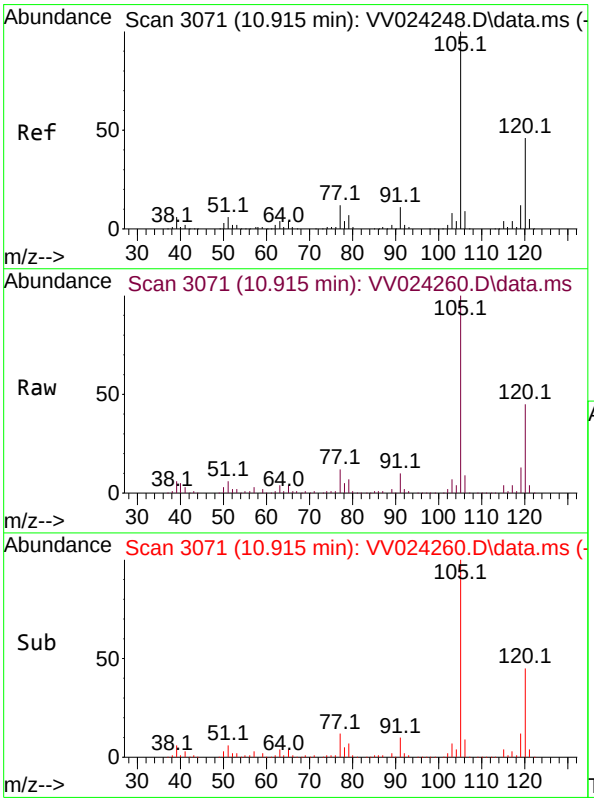
#62
1,3,5-Trimethylbenzene
Concen: 8.060 ug/L
RT: 10.538 min Scan# 2
Delta R.T. 0.000 min
Lab File: VV024260.D
Acq: 31 Dec 2021 03:21

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:105 Resp: 45023

Ion	Ratio	Lower	Upper
105	100		
120	49.7	39.4	59.2

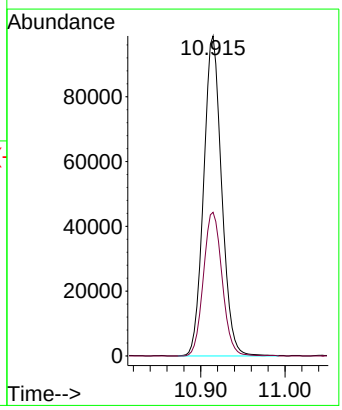


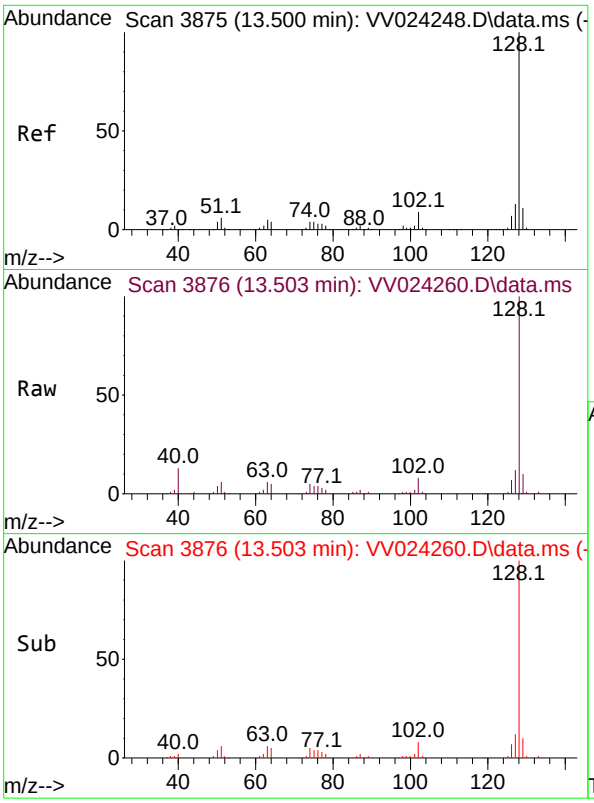


#63
1,2,4-Trimethylbenzene
Concen: 26.397 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.000 min
Lab File: VV024260.D
Acq: 31 Dec 2021 03:21

Tgt Ion:105 Resp: 147207

Ion	Ratio	Lower	Upper
105	100		
120	46.5	36.6	55.0





#71
Naphthalene
Concen: 8.046 ug/L
RT: 13.503 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV024260.D
Acq: 31 Dec 2021 03:21

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 51276

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.6	16.0
129	11.6	8.7	13.1