Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033123\
Data File : VU053499.D
Acq On : 31 Mar 2023 18:11
Operator : JC/MD
Sample : 02121-15ME
Misc : 3.42g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Apr 01 05:08:38 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 01 04:51:17 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.240	114	350751	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	339639	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	198903	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	187852	68.781	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 137.560%#			
7) Chloroethane-d5	1.871	69	55065	26.149	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery = 52.300%#			
11) 1,1-Dichloroethene-d2	2.539	63	247702	58.590	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery = 117.180%			
21) 2-Butanone-d5	4.620	46	214990	173.863	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 173.860%#			
24) Chloroform-d	5.054	84	321559	71.191	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 142.380%#			
26) 1,2-Dichloroethane-d4	5.691	65	210468	78.856	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 157.720%#			
32) Benzene-d6	5.716	84	696101	75.929	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 151.860%#			
36) 1,2-Dichloropropane-d6	6.684	67	213737	76.275	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 152.560%#			
41) Toluene-d8	7.893	98	695517	76.330	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 152.660%#			
43) trans-1,3-Dichloroprop...	8.176	79	109593	75.766	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 151.540%#			
47) 2-Hexanone-d5	8.642	63	190446	199.139	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 199.140%#			
56) 1,1,2,2-Tetrachloroeth...	10.755	84	341411	86.444	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 172.880%#			
66) 1,2-Dichlorobenzene-d4	12.189	152	325534	78.408	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 156.820%#			
Target Compounds						Qvalue
5) Vinyl chloride	1.601	62	5228	1.928	ug/L #	25
10) 1,1,2-Trichloro-1,2,2-...	2.543	101	3030	1.255	ug/L #	22
12) 1,1-Dichloroethene	2.543	96	2279	1.059	ug/L #	1
15) Methyl Acetate	2.948	43	2448	1.438	ug/L	98
20) cis-1,2-Dichloroethene	4.652	96	12094	4.841	ug/L	92
25) Chloroform	5.080	83	15281	3.718	ug/L	96
29) Cyclohexane	5.369	56	3762	1.151	ug/L	93
30) 1,1,1-Trichloroethane	5.305	97	11201	2.993	ug/L	98
34) Trichloroethene	6.533	95	20506	7.662	ug/L	91
35) Methylcyclohexane	6.755	83	18320	4.657	ug/L	97
39) cis-1,3-Dichloropropene	7.559	75	6536	1.780	ug/L #	61
44) trans-1,3-Dichloropropene	8.176	75	4917	1.417	ug/L #	79
45) 1,1,2-Trichloroethane	8.366	97	2113	0.857	ug/L #	16
48) 2-Hexanone	8.639	43	23212	11.752	ug/L #	63
53) m,p-Xylene	9.694	106	9617	2.203	ug/L	96
54) o-xylene	10.102	106	5233	1.212	ug/L	91
62) 1,3,5-Trimethylbenzene	11.086	105	12837	1.313	ug/L	98
63) 1,2,4-Trimethylbenzene	11.465	105	23883	2.467	ug/L	99
71) Naphthalene	14.086	128	43962	3.481	ug/L	98

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033123\
Data File : VU053499.D
Acq On : 31 Mar 2023 18:11
Operator : JC/MD
Sample : 02121-15ME
Misc : 3.42g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Apr 01 05:08:38 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 01 04:51:17 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033123\
Data File : VU053499.D
Acq On : 31 Mar 2023 18:11
Operator : JC/MD
Sample : 02121-15ME
Misc : 3.42g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
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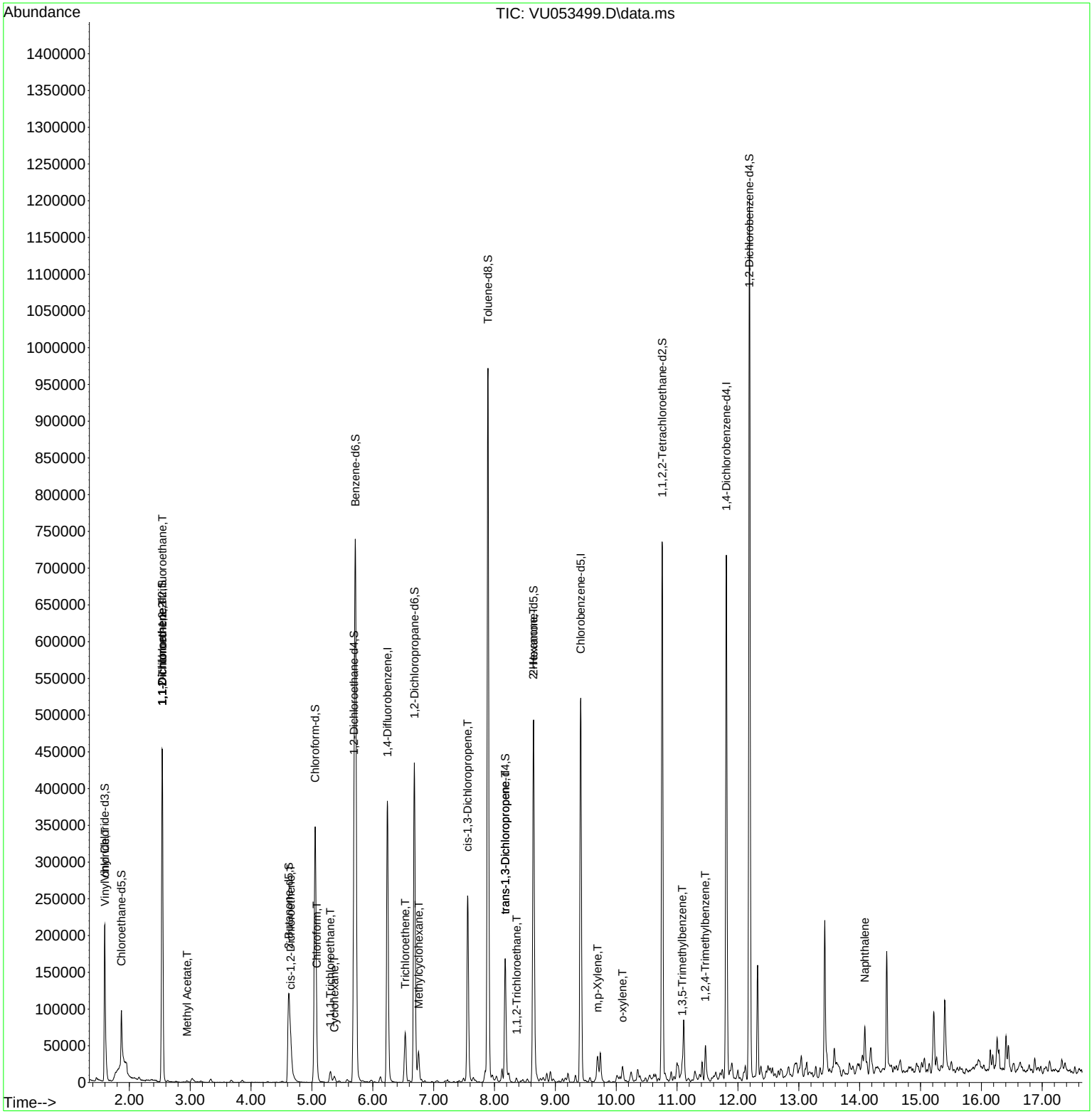
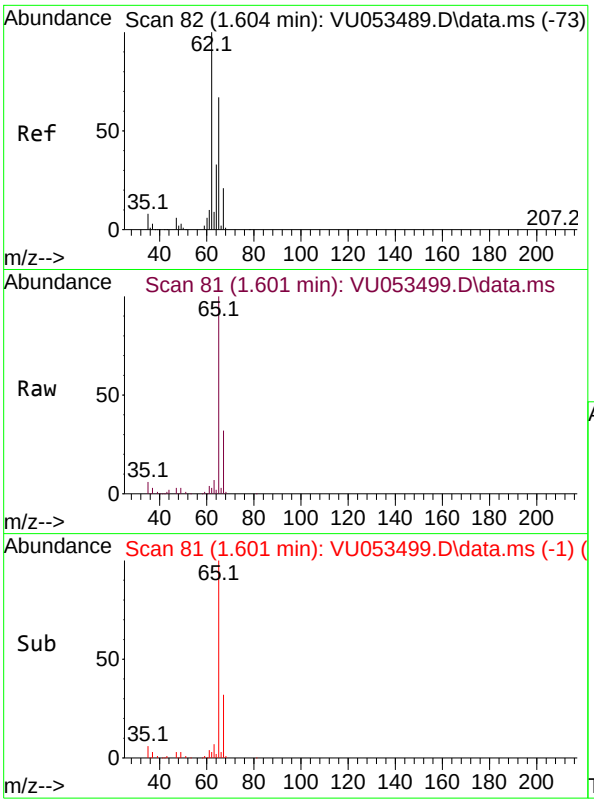
Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Apr 01 05:08:38 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 01 04:51:17 2023
Response via : Initial Calibration



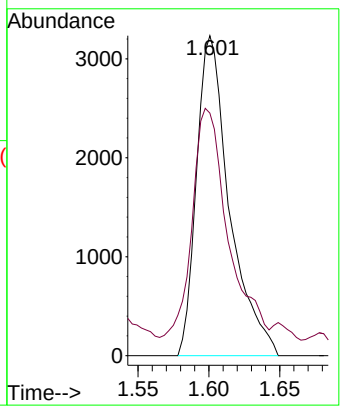


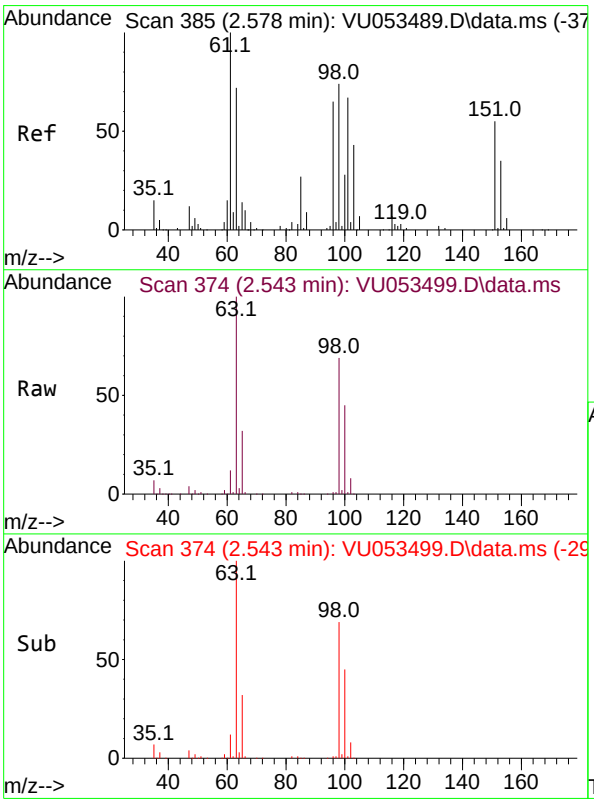
#5
Vinyl chloride
Concen: 1.928 ug/L
RT: 1.601 min Scan# 8
Delta R.T. -0.003 min
Lab File: VU053499.D
Acq: 31 Mar 2023 18:11

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 62 Resp: 5228

Ion	Ratio	Lower	Upper
62	100		
64	75.8	23.2	43.0#

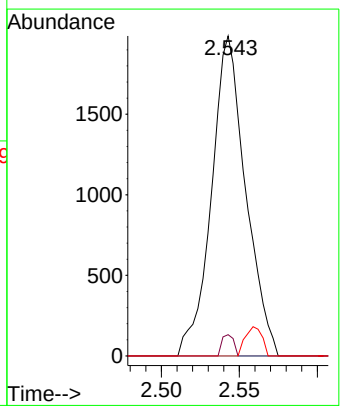


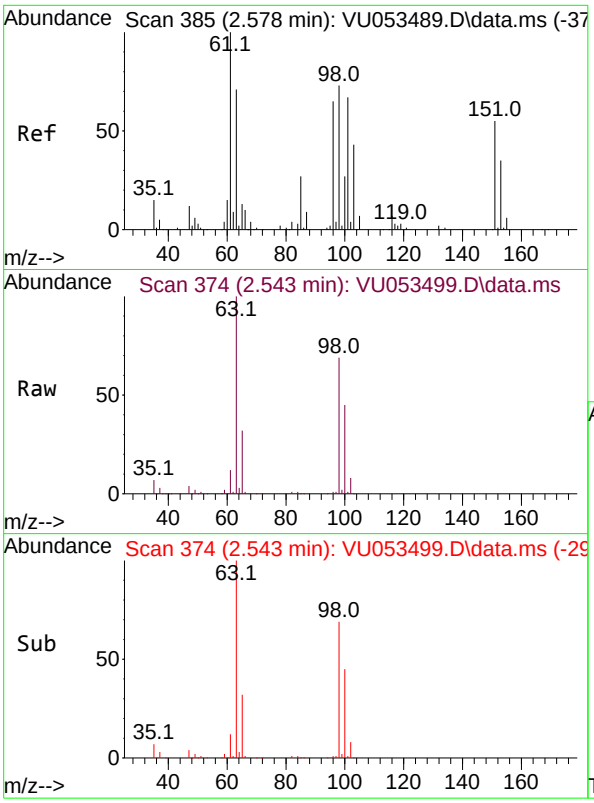


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.255 ug/L
RT: 2.543 min Scan# 374
Delta R.T. -0.035 min
Lab File: VU053499.D
Acq: 31 Mar 2023 18:11

Tgt Ion:101 Resp: 3030

Ion	Ratio	Lower	Upper
101	100		
85	2.3	32.6	48.8#
151	4.5	65.8	98.6#



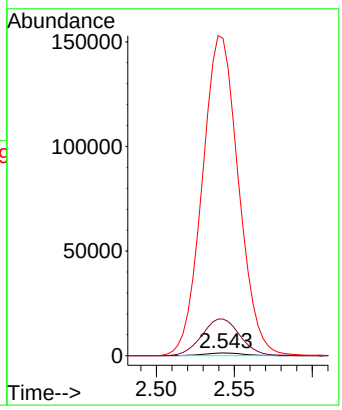


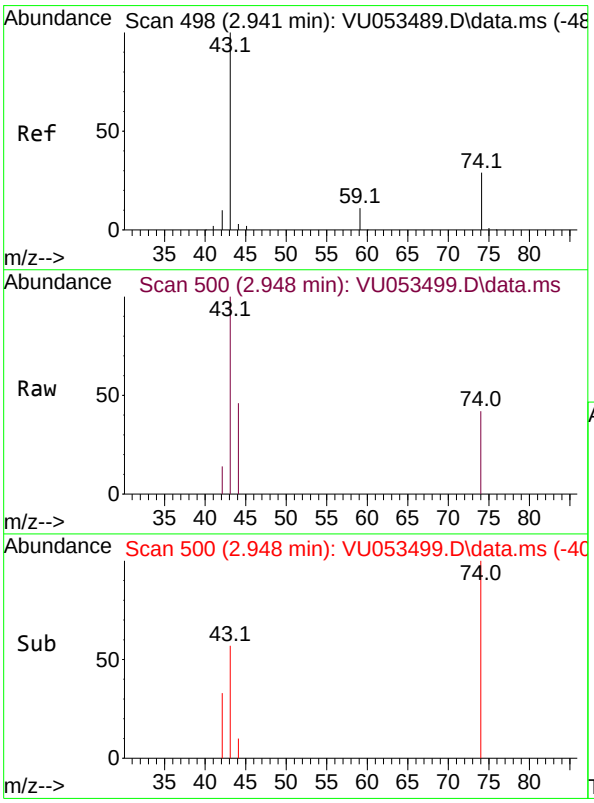
#12
1,1-Dichloroethene
Concen: 1.059 ug/L
RT: 2.543 min Scan# 3
Delta R.T. -0.035 min
Lab File: VU053499.D
Acq: 31 Mar 2023 18:11

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 96 Resp: 2279

Ion	Ratio	Lower	Upper
96	100		
61	1370.0	107.9	200.5#
63	11855.0	79.1	146.9#

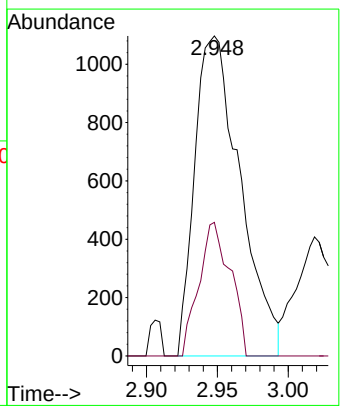


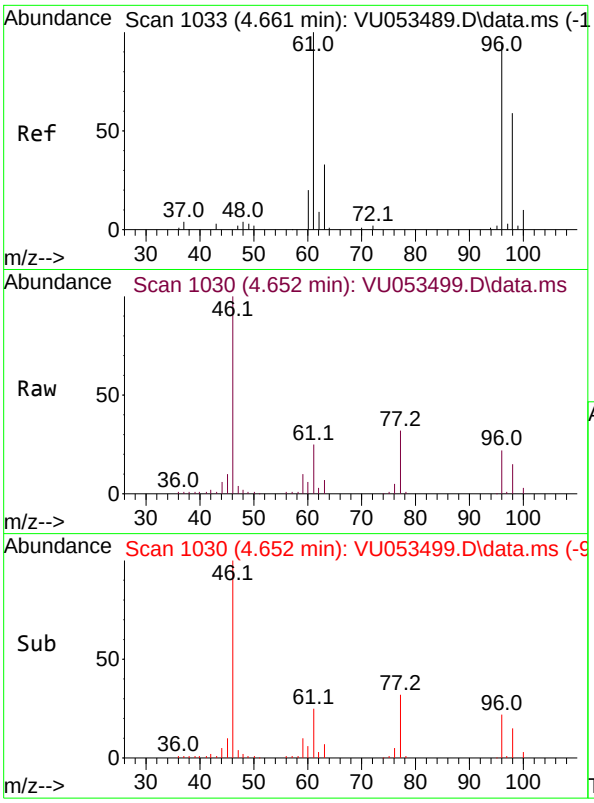


#15
Methyl Acetate
Concen: 1.438 ug/L
RT: 2.948 min Scan# 500
Delta R.T. 0.007 min
Lab File: VU053499.D
Acq: 31 Mar 2023 18:11

Tgt Ion: 43 Resp: 2448

Ion	Ratio	Lower	Upper
43	100		
74	28.8	22.0	33.0



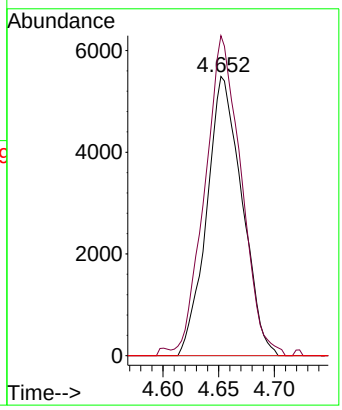


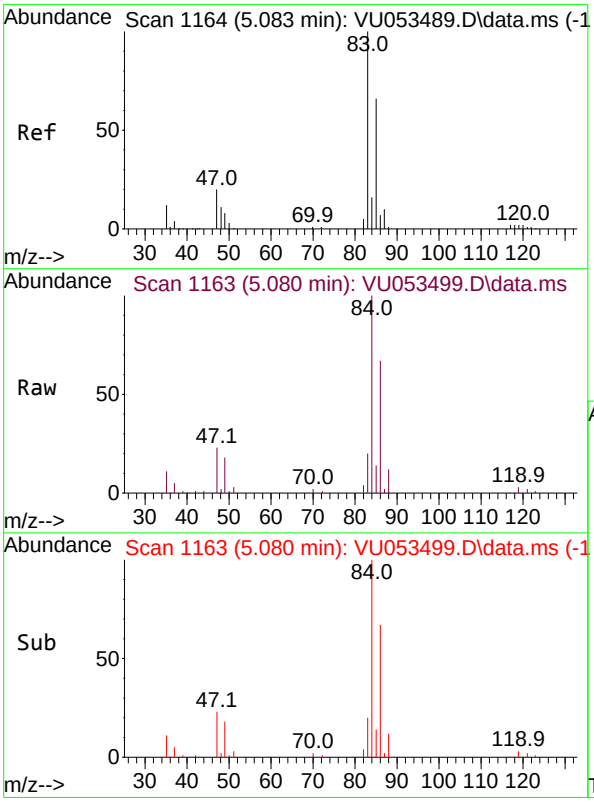
#20
cis-1,2-Dichloroethene
Concen: 4.841 ug/L
RT: 4.652 min Scan# 1
Delta R.T. -0.009 min
Lab File: VU053499.D
Acq: 31 Mar 2023 18:11

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 96 Resp: 12094

Ion	Ratio	Lower	Upper
96	100		
61	114.6	74.7	138.7
68	0.0	0.0	0.0

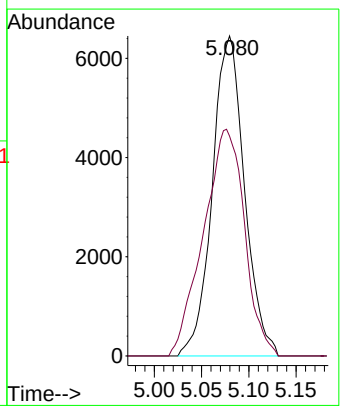


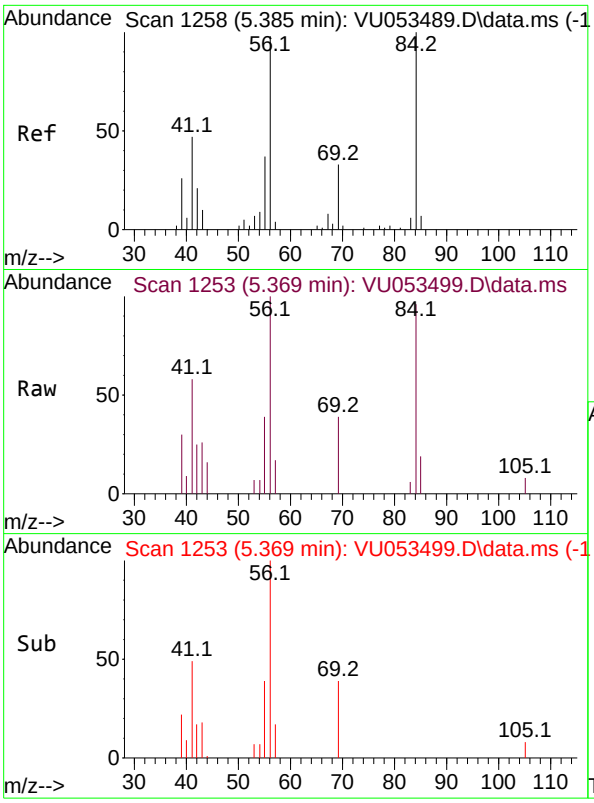


#25
Chloroform
Concen: 3.718 ug/L
RT: 5.080 min Scan# 1163
Delta R.T. -0.003 min
Lab File: VU053499.D
Acq: 31 Mar 2023 18:11

Tgt Ion: 83 Resp: 15281

Ion	Ratio	Lower	Upper
83	100		
85	68.7	46.1	85.5



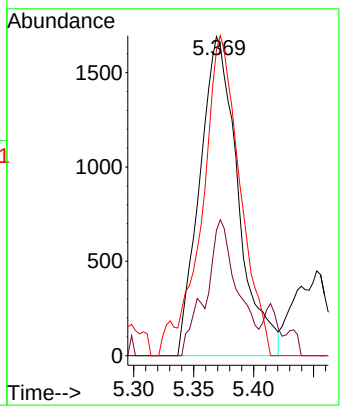


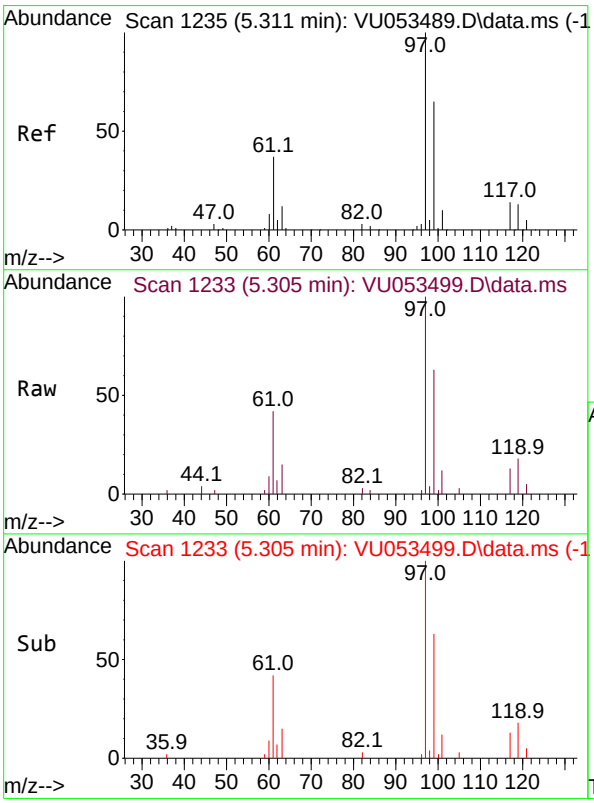
#29
Cyclohexane
Concen: 1.151 ug/L
RT: 5.369 min Scan# 1
Delta R.T. -0.016 min
Lab File: VU053499.D
Acq: 31 Mar 2023 18:11

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 56 Resp: 3762

Ion	Ratio	Lower	Upper
56	100		
69	28.9	27.3	40.9
84	95.5	81.3	121.9

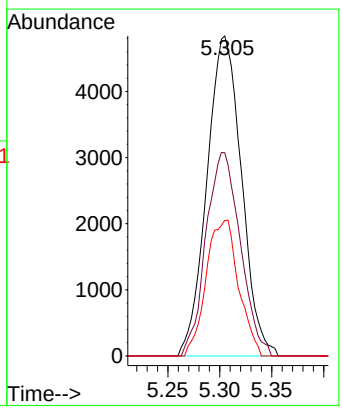


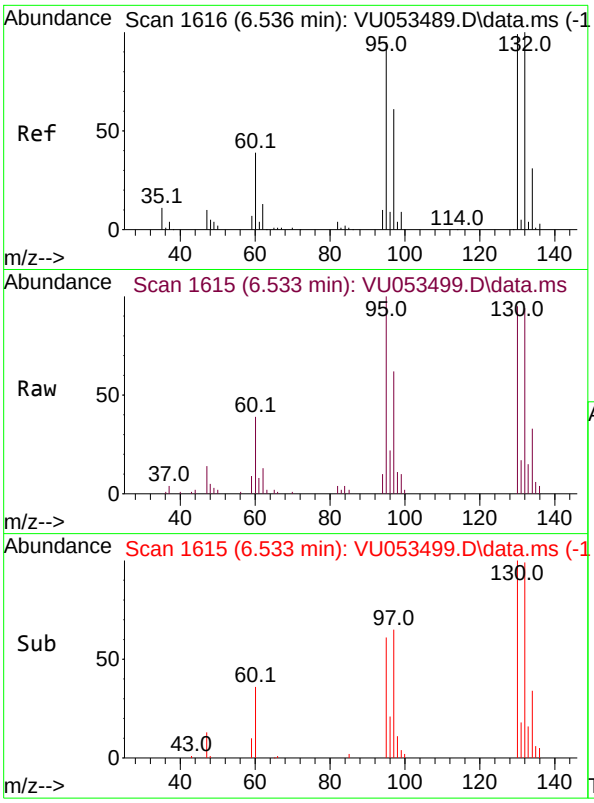


#30
1,1,1-Trichloroethane
Concen: 2.993 ug/L
RT: 5.305 min Scan# 1233
Delta R.T. -0.006 min
Lab File: VU053499.D
Acq: 31 Mar 2023 18:11

Tgt Ion: 97 Resp: 11201

Ion	Ratio	Lower	Upper
97	100		
99	63.1	51.6	77.4
61	39.7	31.0	46.4



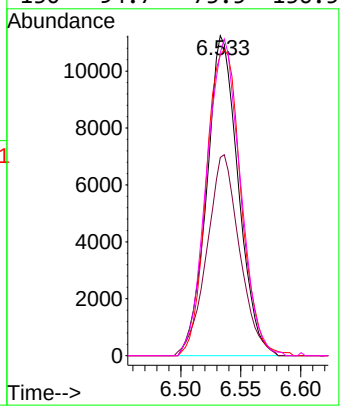


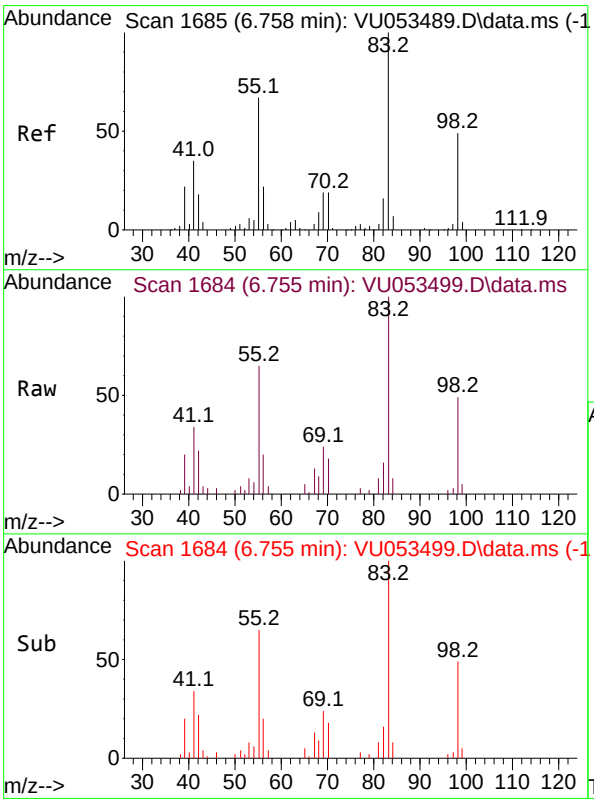
#34
Trichloroethene
Concen: 7.662 ug/L
RT: 6.533 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU053499.D
Acq: 31 Mar 2023 18:11

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 95 Resp: 20506

Ion	Ratio	Lower	Upper
95	100		
97	62.0	45.1	83.7
132	94.0	74.1	137.5
130	94.7	73.5	136.5

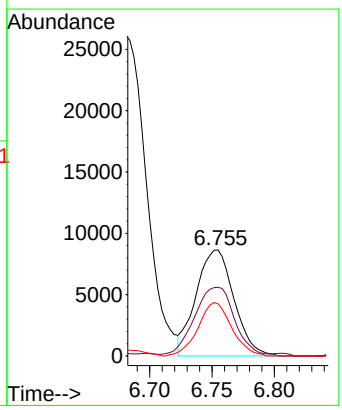


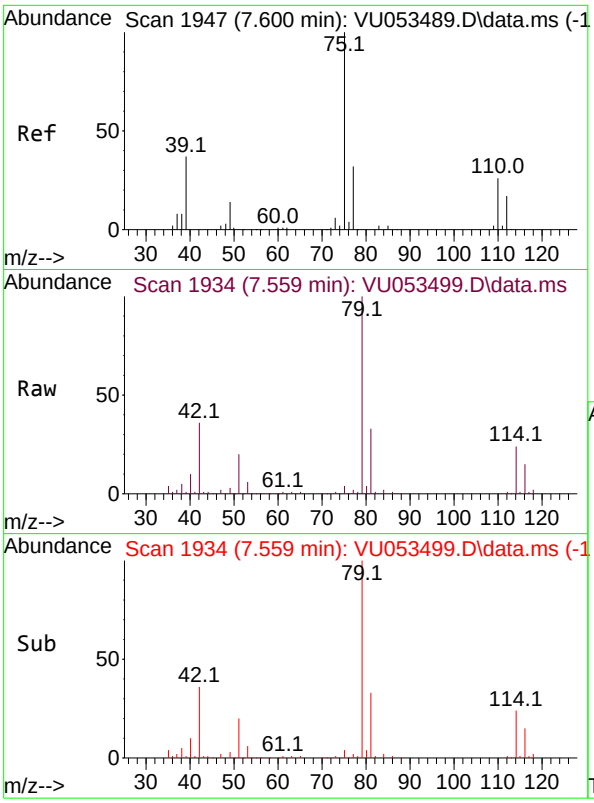


#35
Methylcyclohexane
Concen: 4.657 ug/L
RT: 6.755 min Scan# 1684
Delta R.T. -0.003 min
Lab File: VU053499.D
Acq: 31 Mar 2023 18:11

Tgt Ion: 83 Resp: 18320

Ion	Ratio	Lower	Upper
83	100		
55	66.5	53.0	79.6
98	44.6	39.0	58.6



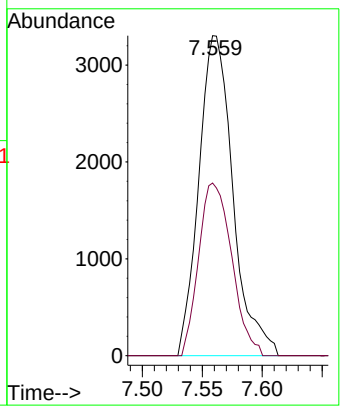


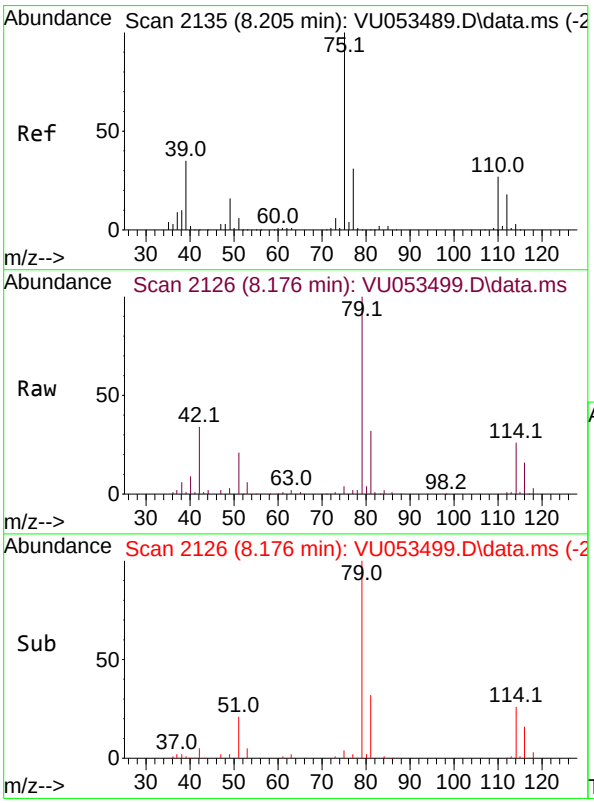
#39
cis-1,3-Dichloropropene
Concen: 1.780 ug/L
RT: 7.559 min Scan# 1
Delta R.T. -0.042 min
Lab File: VU053499.D
Acq: 31 Mar 2023 18:11

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 75 Resp: 6536

Ion	Ratio	Lower	Upper
75	100		
77	53.9	22.5	41.7#

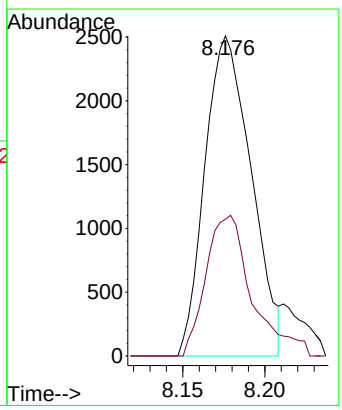


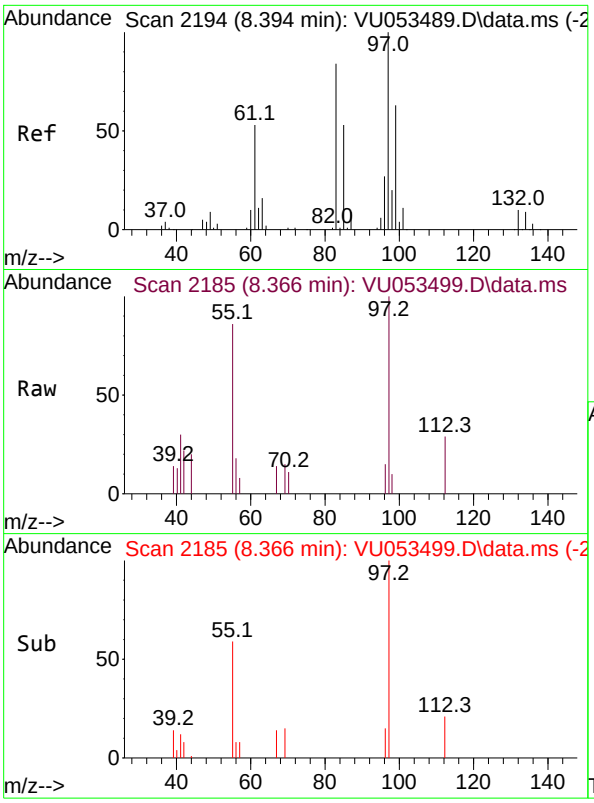


#44
trans-1,3-Dichloropropene
Concen: 1.417 ug/L
RT: 8.176 min Scan# 2126
Delta R.T. -0.029 min
Lab File: VU053499.D
Acq: 31 Mar 2023 18:11

Tgt Ion: 75 Resp: 4917

Ion	Ratio	Lower	Upper
75	100		
77	42.7	21.8	40.4#



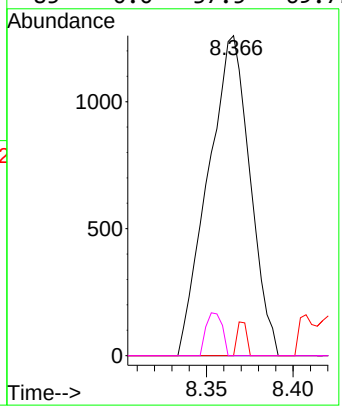


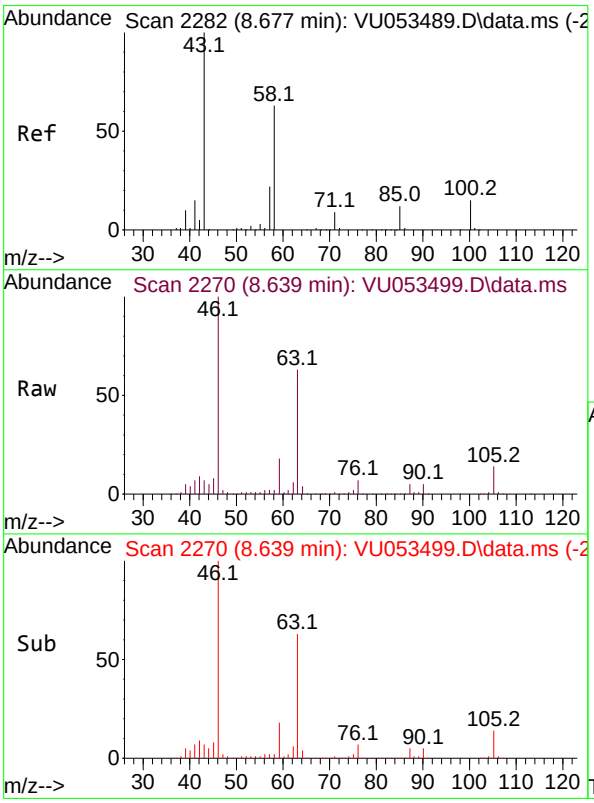
#45
1,1,2-Trichloroethane
Concen: 0.857 ug/L
RT: 8.366 min Scan# 21
Delta R.T. -0.029 min
Lab File: VU053499.D
Acq: 31 Mar 2023 18:11

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 97 Resp: 2113

Ion	Ratio	Lower	Upper
97	100		
99	0.0	43.8	81.3#
83	0.0	59.0	109.6#
85	0.0	37.5	69.7#

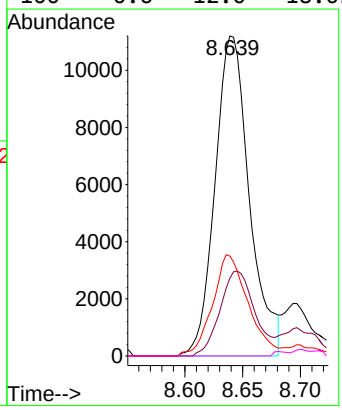


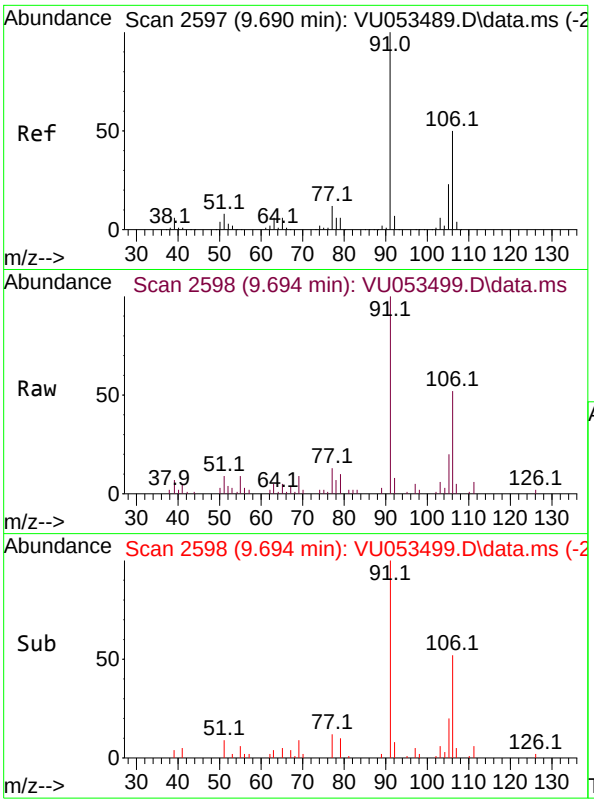


#48
2-Hexanone
Concen: 11.752 ug/L
RT: 8.639 min Scan# 2270
Delta R.T. -0.038 min
Lab File: VU053499.D
Acq: 31 Mar 2023 18:11

Tgt Ion: 43 Resp: 23212

Ion	Ratio	Lower	Upper
43	100		
58	26.9	49.8	74.6#
57	29.2	17.8	26.6#
100	0.6	12.0	18.0#



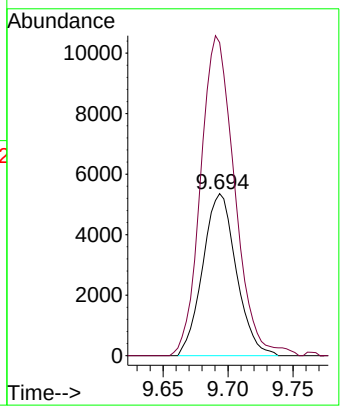


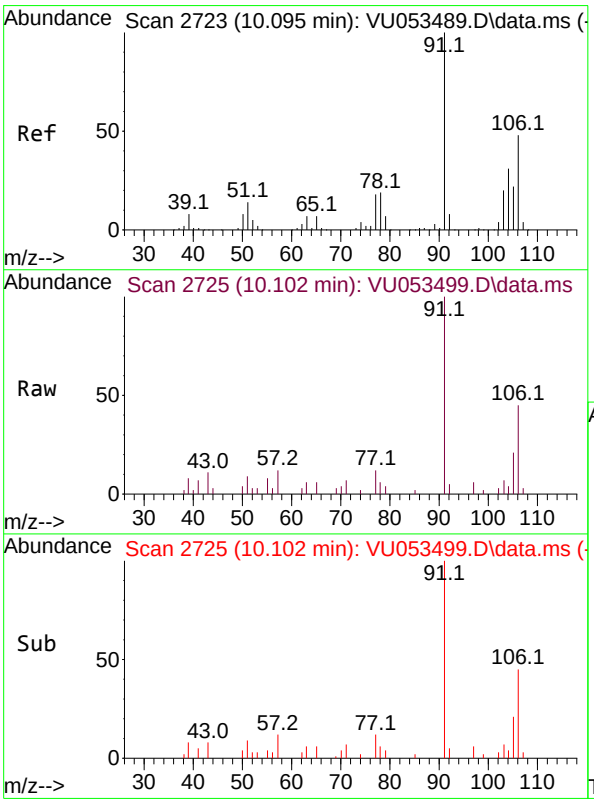
#53
m,p-Xylene
Concen: 2.203 ug/L
RT: 9.694 min Scan# 2
Delta R.T. 0.003 min
Lab File: VU053499.D
Acq: 31 Mar 2023 18:11

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:106 Resp: 9617

Ion	Ratio	Lower	Upper
106	100		
91	193.2	140.0	260.0

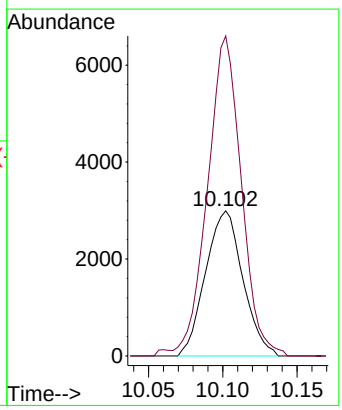


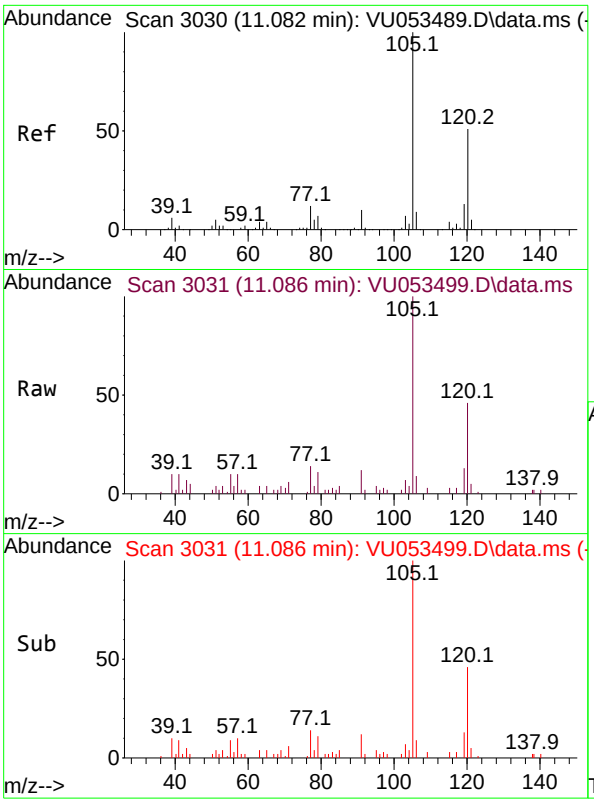


#54
o-xylene
Concen: 1.212 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.007 min
Lab File: VU053499.D
Acq: 31 Mar 2023 18:11

Tgt Ion:106 Resp: 5233

Ion	Ratio	Lower	Upper
106	100		
91	220.4	144.9	269.1



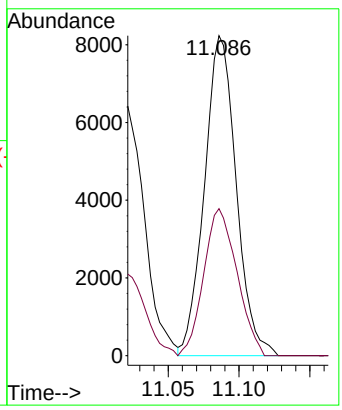


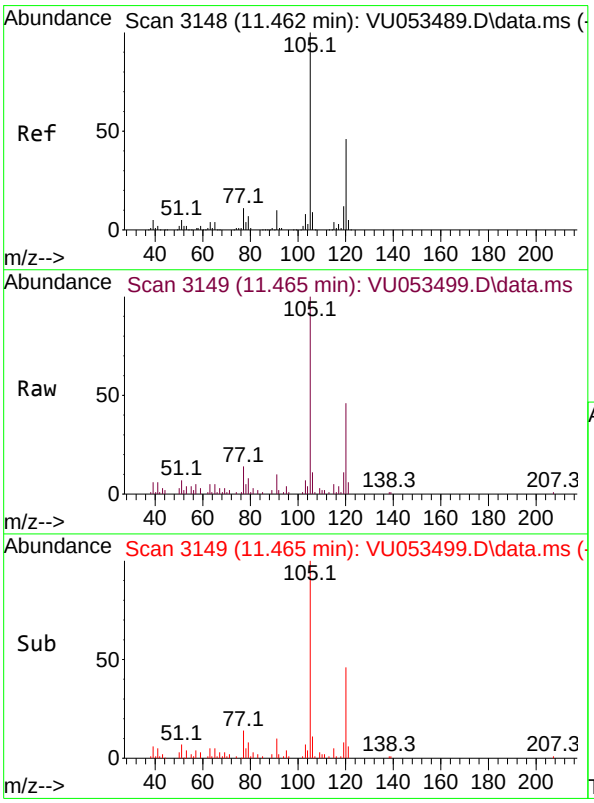
#62
1,3,5-Trimethylbenzene
Concen: 1.313 ug/L
RT: 11.086 min Scan# 3
Delta R.T. 0.003 min
Lab File: VU053499.D
Acq: 31 Mar 2023 18:11

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:105 Resp: 12837

Ion	Ratio	Lower	Upper
105	100		
120	48.0	39.5	59.3

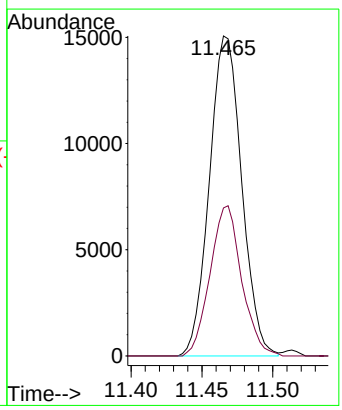


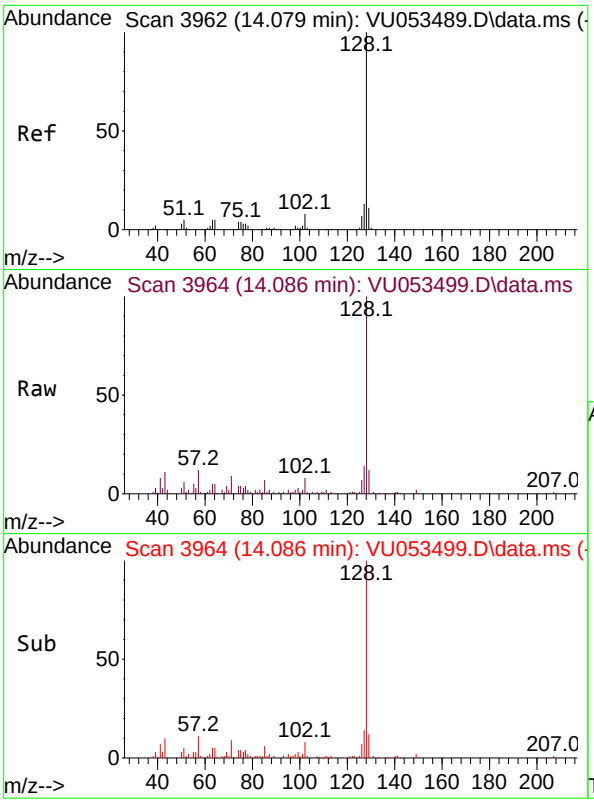


#63
1,2,4-Trimethylbenzene
Concen: 2.467 ug/L
RT: 11.465 min Scan# 3149
Delta R.T. 0.003 min
Lab File: VU053499.D
Acq: 31 Mar 2023 18:11

Tgt Ion:105 Resp: 23883

Ion	Ratio	Lower	Upper
105	100		
120	45.9	37.5	56.3





#71
Naphthalene
Concen: 3.481 ug/L
RT: 14.086 min Scan# 3
Delta R.T. 0.007 min
Lab File: VU053499.D
Acq: 31 Mar 2023 18:11

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 43962

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.2
129	9.6	8.6	12.8