Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060922\
Data File : VU048986.D
Acq On : 09 Jun 2022 19:16
Operator : SY/MD
Sample : N3248-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYY2

Quant Time: Jun 10 01:06:01 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051622WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 10 01:01:44 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	344722	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	323345	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	160279	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	105893	50.153	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 100.300%			
7) Chloroethane-d5	1.899	69	80636	50.976	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 101.960%			
11) 1,1-Dichloroethene-d2	2.562	63	154245	32.302	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 64.600%			
21) 2-Butanone-d5	4.616	46	241921	120.403	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 120.400%			
24) Chloroform-d	5.063	84	226045	42.366	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 84.740%			
26) 1,2-Dichloroethane-d4	5.700	65	151987	40.378	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 80.760%			
32) Benzene-d6	5.726	84	435858	48.434	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.860%			
36) 1,2-Dichloropropane-d6	6.690	67	147470	55.821	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 111.640%			
41) Toluene-d8	7.896	98	384644	45.442	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.880%			
43) trans-1,3-Dichloroprop...	8.179	79	70056	41.470	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 82.940%			
47) 2-Hexanone-d5	8.629	63	156498	108.019	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 108.020%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	225510	51.587	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 103.180%			
66) 1,2-Dichlorobenzene-d4	12.192	152	158244	48.296	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.600%			
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	33067	13.599	ug/L	87
8) Chloroethane	1.922	64	284020	198.451	ug/L	100
12) 1,1-Dichloroethene	2.575	96	11283	5.031	ug/L #	1
13) Acetone	2.623	43	26182	16.039	ug/L	93
17) trans-1,2-Dichloroethene	3.353	96	3420	1.414	ug/L	94
19) 1,1-Dichloroethane	3.867	63	563222	127.174	ug/L	98
20) cis-1,2-Dichloroethene	4.665	96	465033	170.463	ug/L	95
22) 2-Butanone	4.706	43	12880	6.214	ug/L	95
30) 1,1,1-Trichloroethane	5.317	97	185163	37.820	ug/L	97
34) Trichloroethene	6.539	95	18406	6.887	ug/L	91
42) Toluene	7.970	91	28339	2.752	ug/L	98
46) Tetrachloroethene	8.552	164	44094	20.218	ug/L	97
52) Ethylbenzene	9.571	91	40012	3.400	ug/L	100
53) m,p-Xylene	9.693	106	5375	1.137	ug/L	100
54) o-Xylene	10.098	106	25466	5.621	ug/L	94
61) Isopropylbenzene	10.484	105	9961	1.009	ug/L	96
62) 1,3,5-Trimethylbenzene	11.089	105	47955	8.545	ug/L	97
63) 1,2,4-Trimethylbenzene	11.468	105	259221	29.706	ug/L	100
67) 1,2-Dichlorobenzene	12.214	146	4993	0.964	ug/L	95

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060922\
Data File : VU048986.D
Acq On : 09 Jun 2022 19:16
Operator : SY/MD
Sample : N3248-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYY2

Quant Time: Jun 10 01:06:01 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051622WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 10 01:01:44 2022
Response via : Initial Calibration

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060922\
Data File : VU048986.D
Acq On : 09 Jun 2022 19:16
Operator : SY/MD
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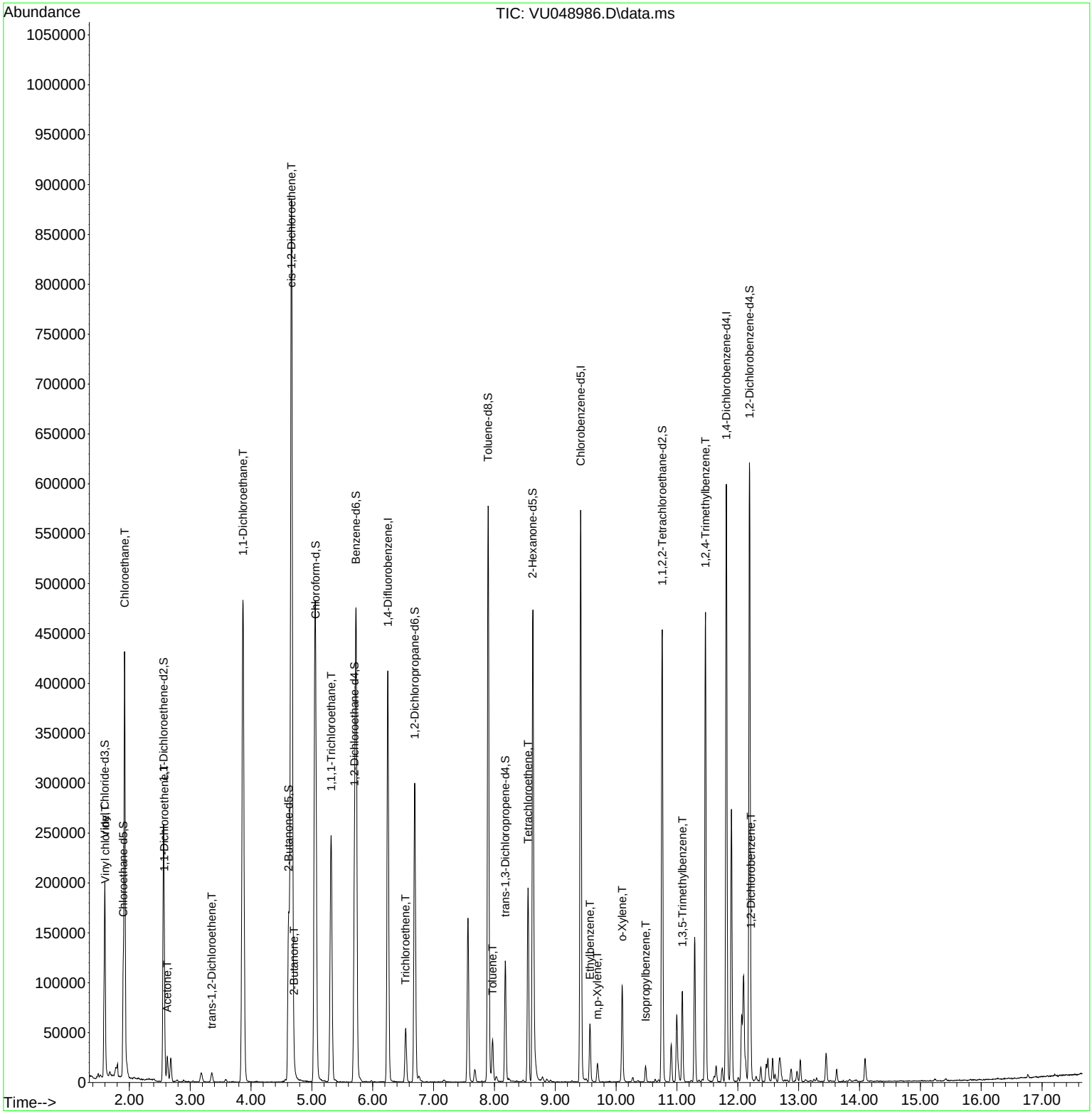
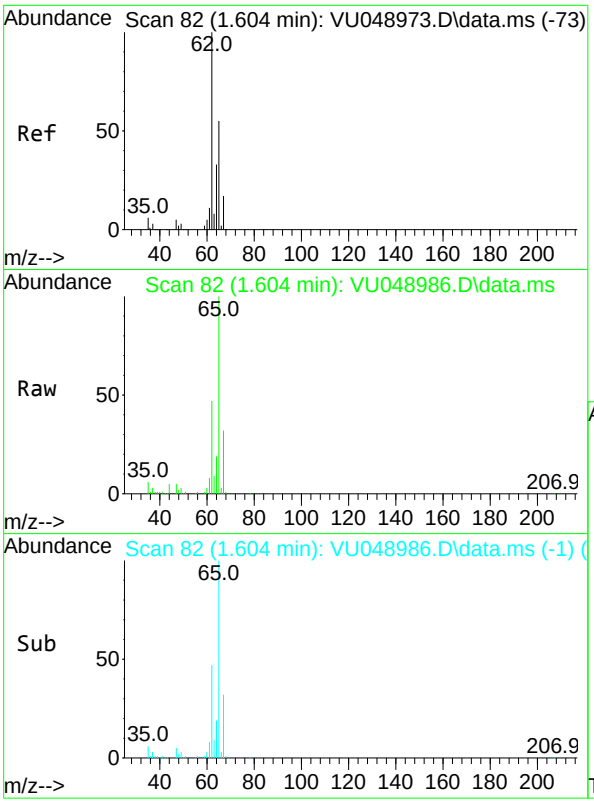
Quant Time: Jun 10 01:06:01 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051622WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 10 01:01:44 2022
Response via : Initial Calibration



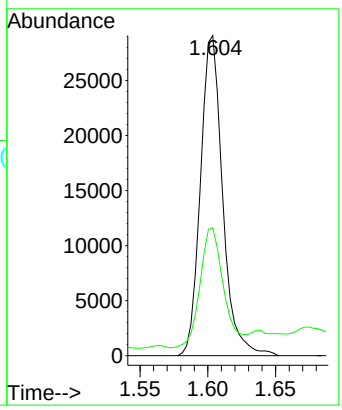


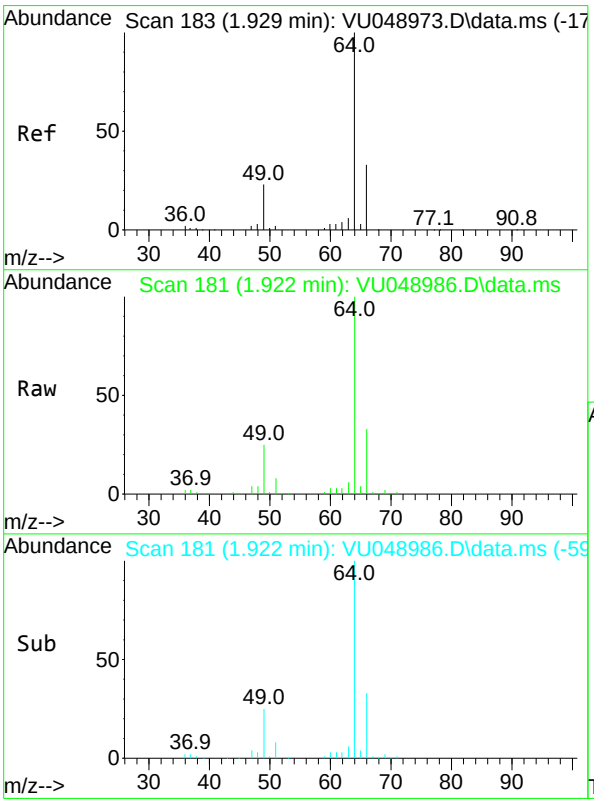
#5
Vinyl chloride
Concen: 13.599 ug/L
RT: 1.604 min Scan# 8
Delta R.T. -0.000 min
Lab File: VU048986.D
Acq: 09 Jun 2022 19:16

Instrument :
MSVOA_U
ClientSampleId :
EXYY2

Tgt Ion: 62 Resp: 33067

Ion	Ratio	Lower	Upper
62	100		
64	40.0	22.9	42.5

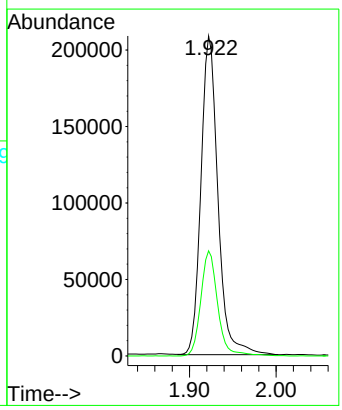


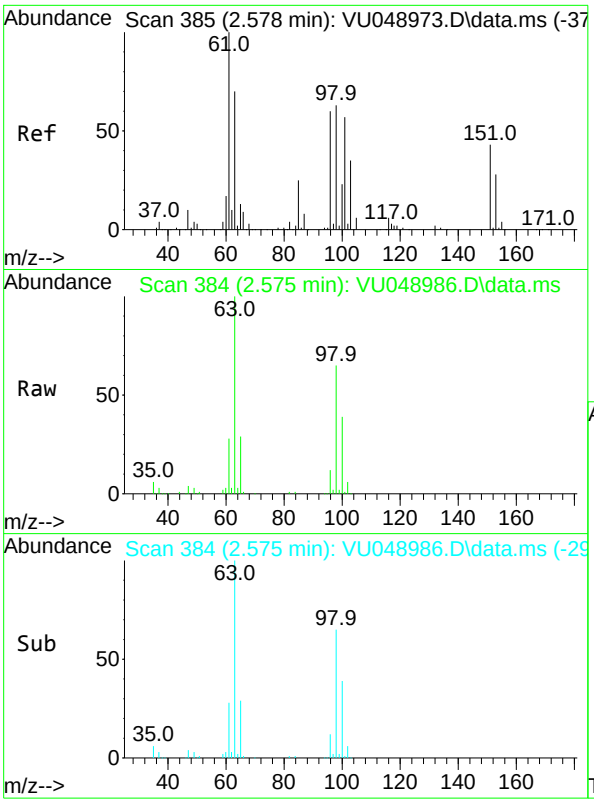


#8
Chloroethane
Concen: 198.451 ug/L
RT: 1.922 min Scan# 181
Delta R.T. -0.007 min
Lab File: VU048986.D
Acq: 09 Jun 2022 19:16

Tgt Ion: 64 Resp: 284020

Ion	Ratio	Lower	Upper
64	100		
66	32.9	23.1	42.9



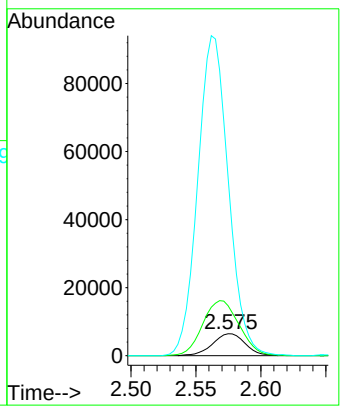


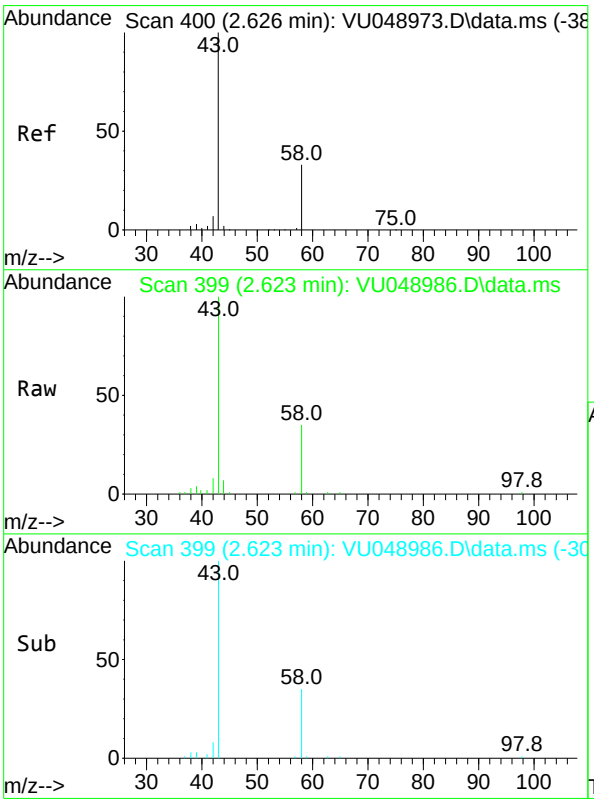
#12
1,1-Dichloroethene
Concen: 5.031 ug/L
RT: 2.575 min Scan# 3
Delta R.T. -0.003 min
Lab File: VU048986.D
Acq: 09 Jun 2022 19:16

Instrument :
MSVOA_U
ClientSampleId :
EXYY2

Tgt Ion: 96 Resp: 11283

Ion	Ratio	Lower	Upper
96	100		
61	227.0	120.6	224.0#
63	808.3	82.3	152.9#

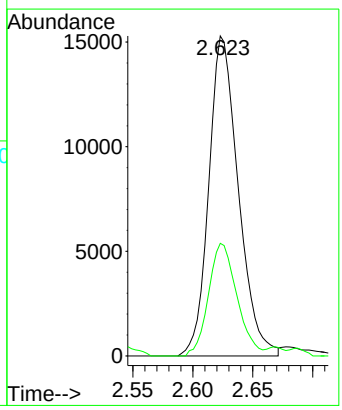


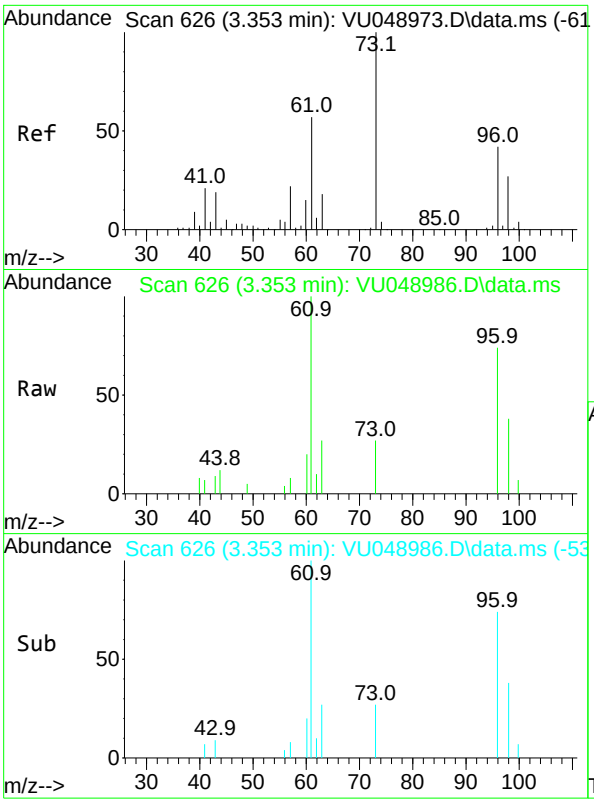


#13
Acetone
Concen: 16.039 ug/L
RT: 2.623 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU048986.D
Acq: 09 Jun 2022 19:16

Tgt Ion: 43 Resp: 26182

Ion	Ratio	Lower	Upper
43	100		
58	33.9	0.0	59.8



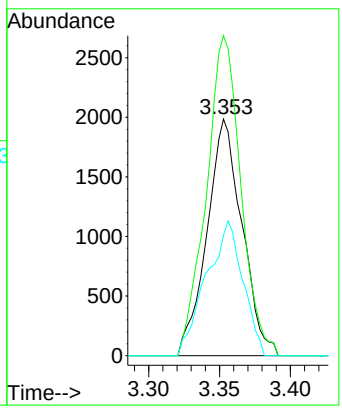


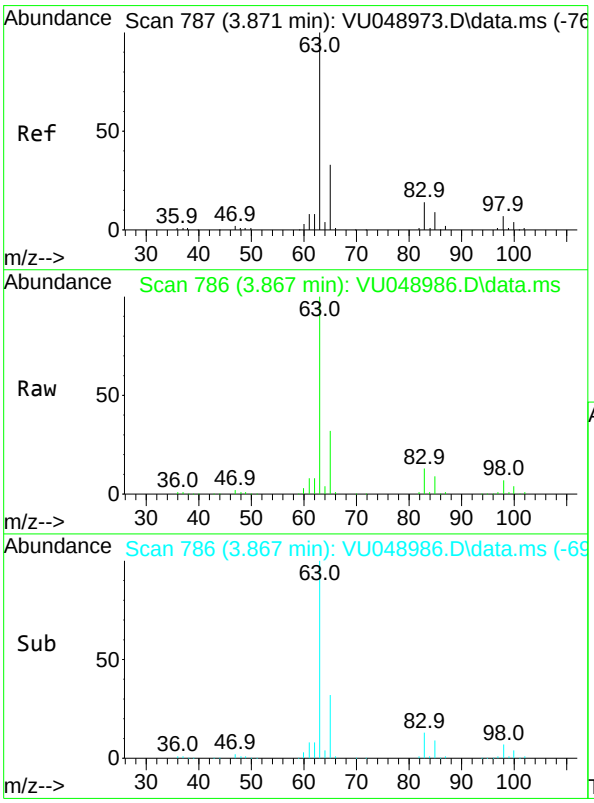
#17
trans-1,2-Dichloroethene
Concen: 1.414 ug/L
RT: 3.353 min Scan# 6
Delta R.T. -0.000 min
Lab File: VU048986.D
Acq: 09 Jun 2022 19:16

Instrument :
MSVOA_U
ClientSampleId :
EXYY2

Tgt Ion: 96 Resp: 3420

Ion	Ratio	Lower	Upper
96	100		
61	135.3	94.2	175.0
98	50.8	45.1	83.7

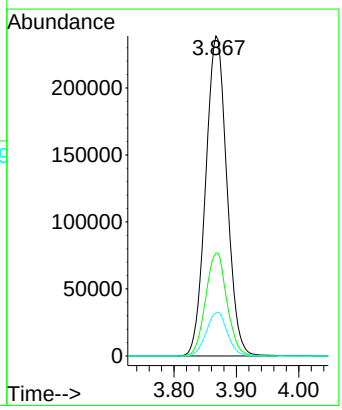


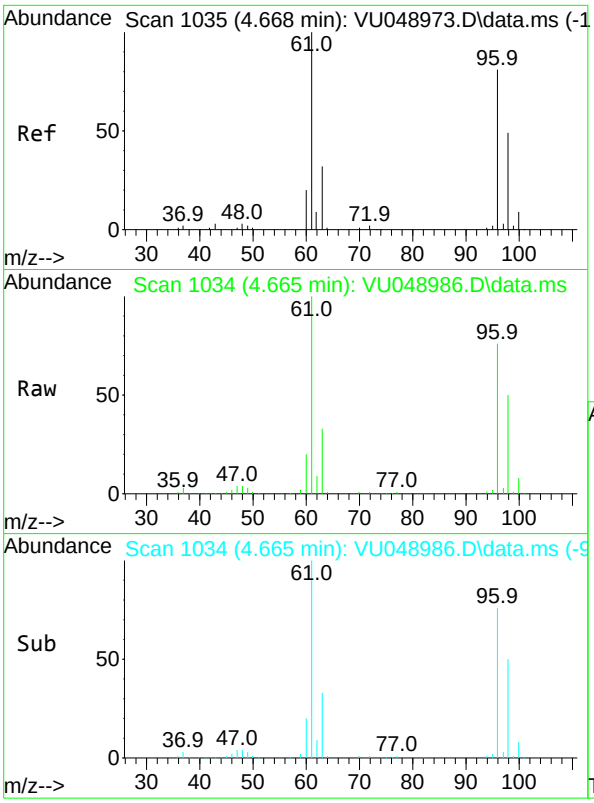


#19
1,1-Dichloroethane
Concen: 127.174 ug/L
RT: 3.867 min Scan# 786
Delta R.T. -0.003 min
Lab File: VU048986.D
Acq: 09 Jun 2022 19:16

Tgt Ion: 63 Resp: 563222

Ion	Ratio	Lower	Upper
63	100		
65	32.1	21.8	40.6
83	13.4	9.8	18.2



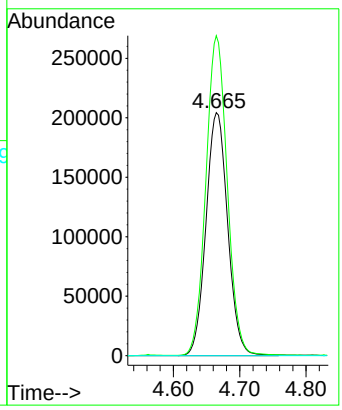


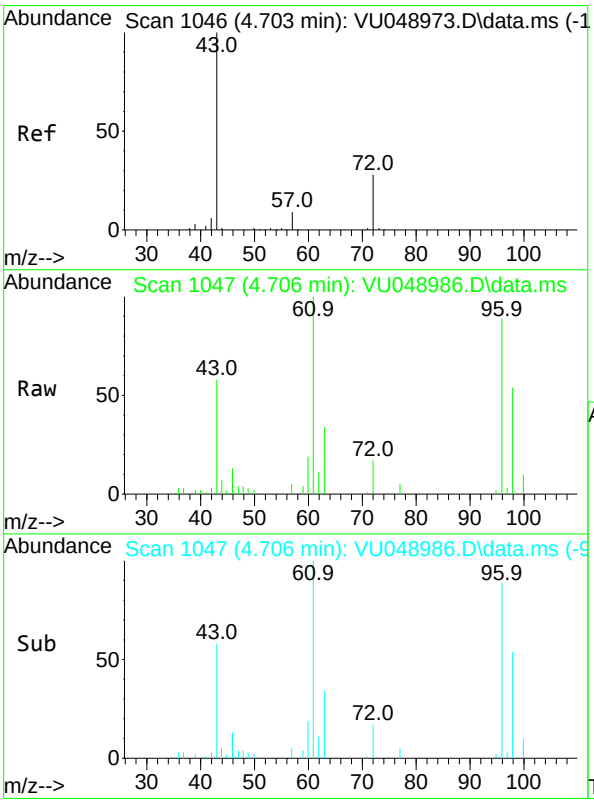
#20
cis-1,2-Dichloroethene
Concen: 170.463 ug/L
RT: 4.665 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU048986.D
Acq: 09 Jun 2022 19:16

Instrument :
MSVOA_U
ClientSampleId :
EXYY2

Tgt Ion: 96 Resp: 465033

Ion	Ratio	Lower	Upper
96	100		
61	131.7	88.3	164.1
68	0.0	0.0	0.0

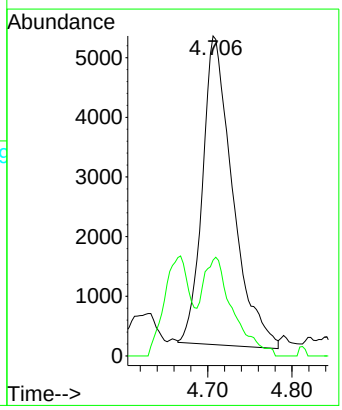


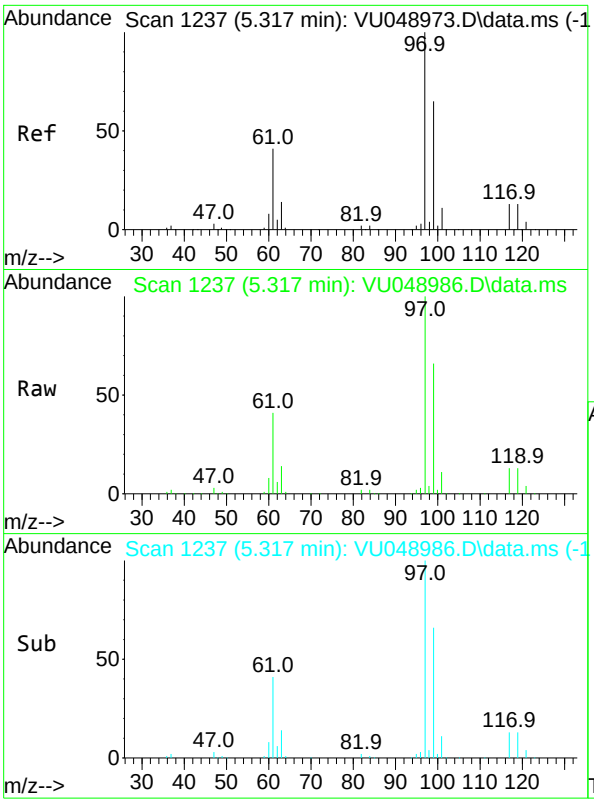


#22
2-Butanone
Concen: 6.214 ug/L
RT: 4.706 min Scan# 1047
Delta R.T. 0.003 min
Lab File: VU048986.D
Acq: 09 Jun 2022 19:16

Tgt Ion: 43 Resp: 12880

Ion	Ratio	Lower	Upper
43	100		
72	27.8	15.4	46.2



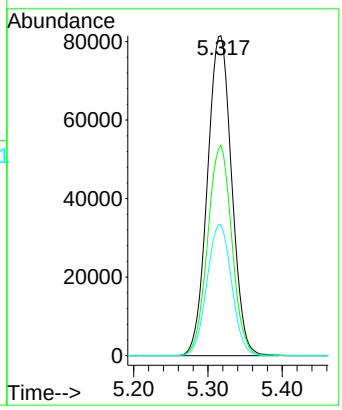


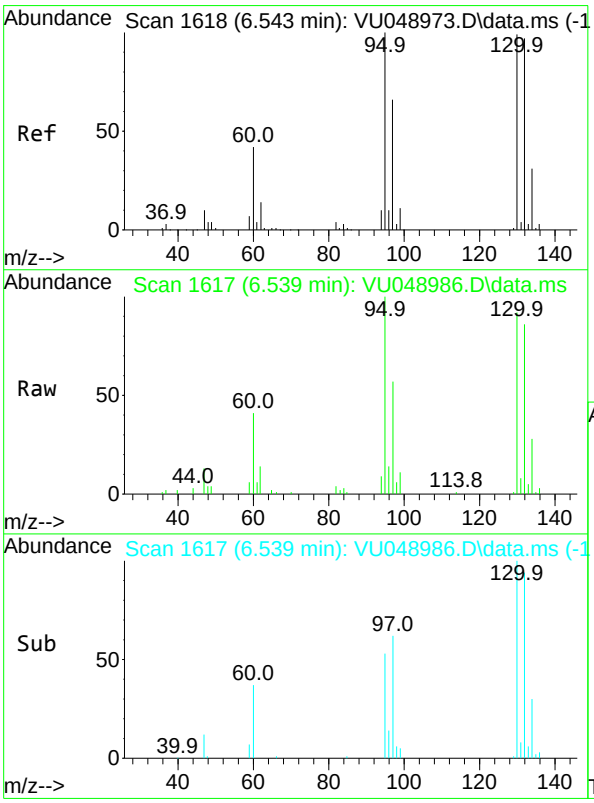
#30
1,1,1-Trichloroethane
Concen: 37.820 ug/L
RT: 5.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU048986.D
Acq: 09 Jun 2022 19:16

Instrument :
MSVOA_U
ClientSampleId :
EXYY2

Tgt Ion: 97 Resp: 185163

Ion	Ratio	Lower	Upper
97	100		
99	65.5	50.3	75.5
61	41.7	32.6	48.8

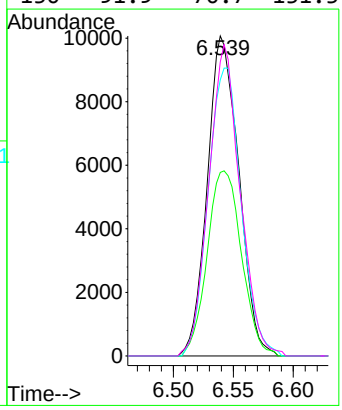


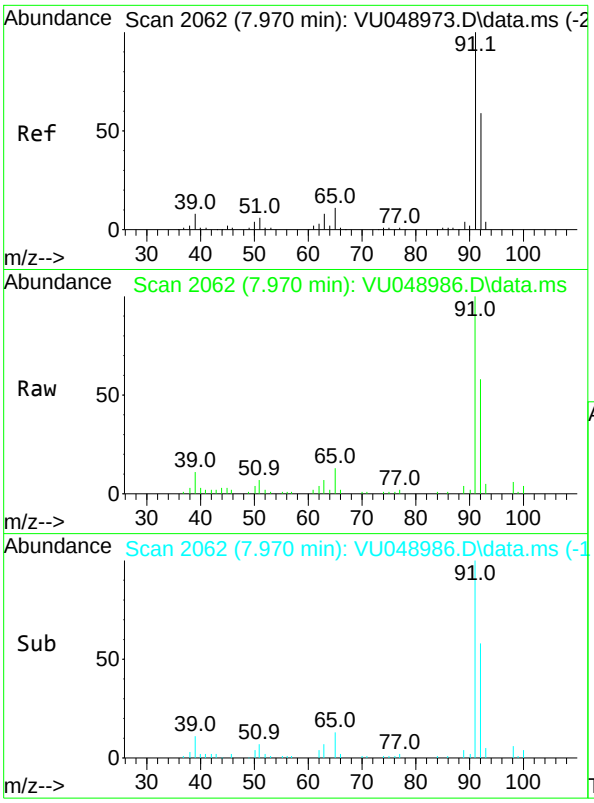


#34
Trichloroethene
Concen: 6.887 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.003 min
Lab File: VU048986.D
Acq: 09 Jun 2022 19:16

Tgt Ion: 95 Resp: 18406

Ion	Ratio	Lower	Upper
95	100		
97	57.4	45.2	84.0
132	86.3	67.3	124.9
130	91.9	70.7	131.3



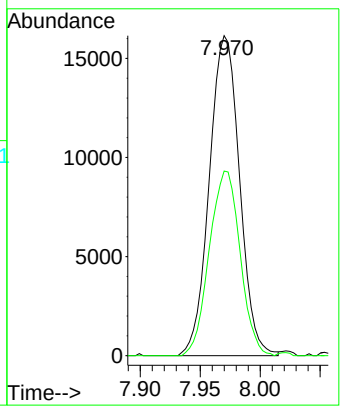


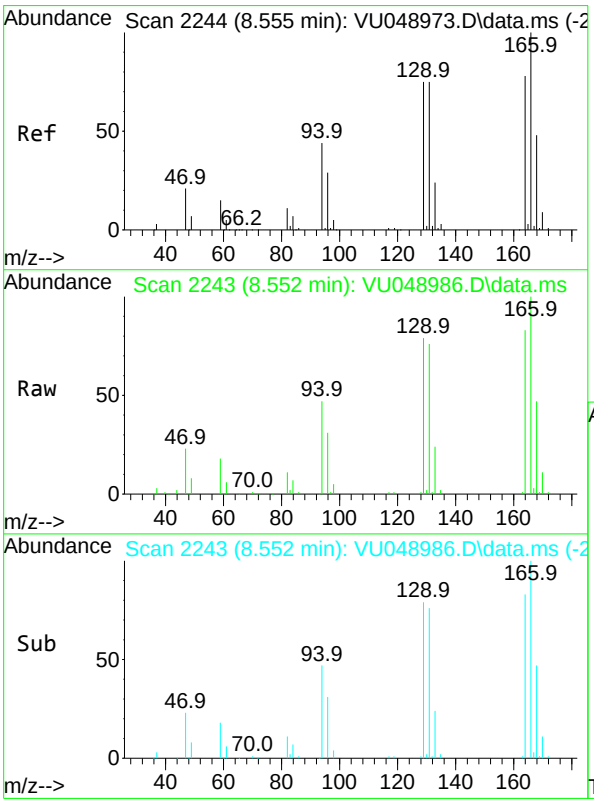
#42
Toluene
Concen: 2.752 ug/L
RT: 7.970 min Scan# 2
Delta R.T. -0.000 min
Lab File: VU048986.D
Acq: 09 Jun 2022 19:16

Instrument :
MSVOA_U
ClientSampleId :
EXYY2

Tgt Ion: 91 Resp: 28339

Ion	Ratio	Lower	Upper
91	100		
92	57.7	41.4	77.0

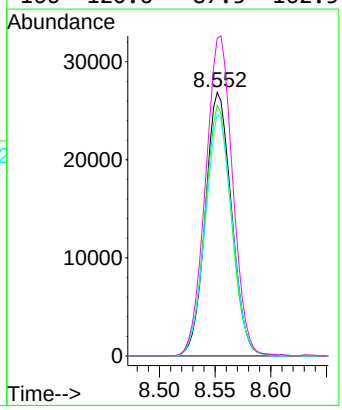


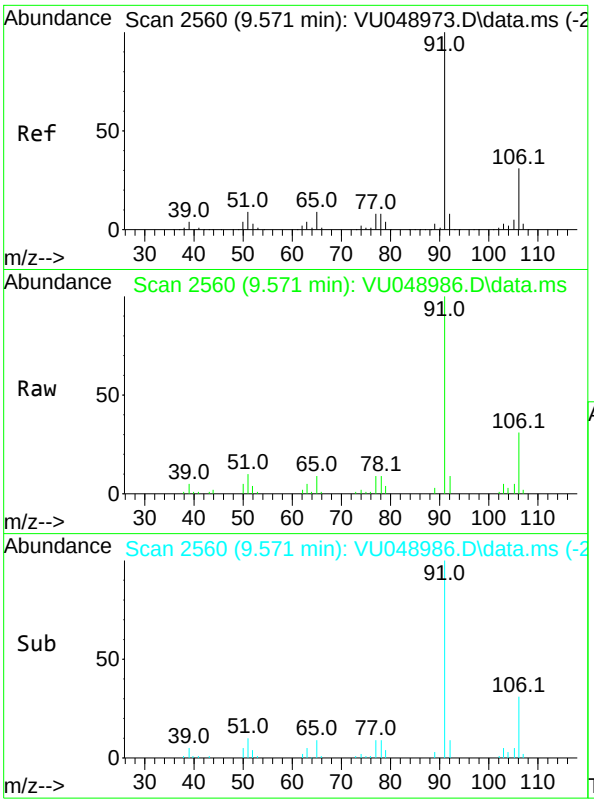


#46
Tetrachloroethene
Concen: 20.218 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VU048986.D
Acq: 09 Jun 2022 19:16

Tgt Ion:164 Resp: 44094

Ion	Ratio	Lower	Upper
164	100		
129	95.0	64.3	119.3
131	91.7	64.5	119.7
166	120.6	87.5	162.5



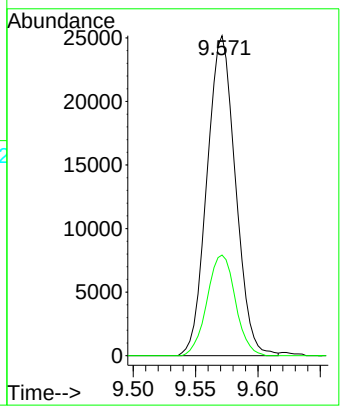


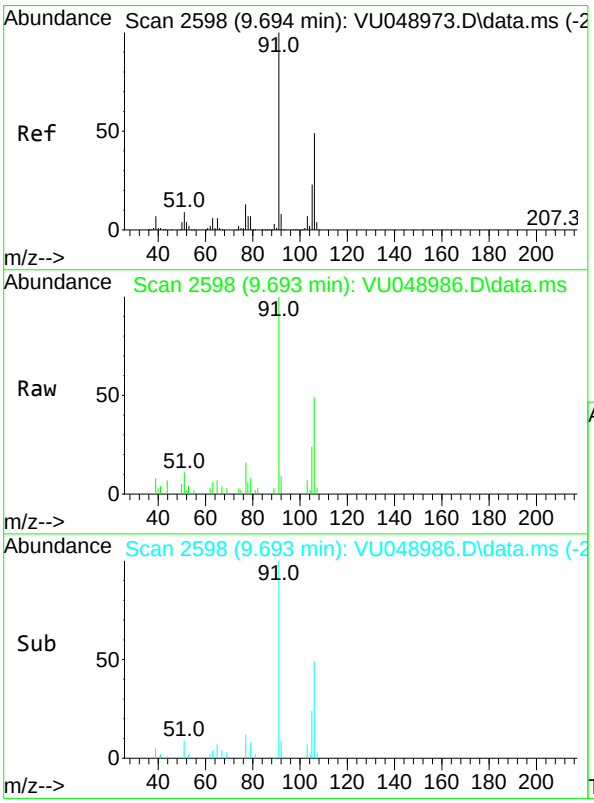
#52
Ethylbenzene
Concen: 3.400 ug/L
RT: 9.571 min Scan# 2
Delta R.T. -0.000 min
Lab File: VU048986.D
Acq: 09 Jun 2022 19:16

Instrument :
MSVOA_U
ClientSampleId :
EXYY2

Tgt Ion: 91 Resp: 40012

Ion	Ratio	Lower	Upper
91	100		
106	31.5	21.8	40.6

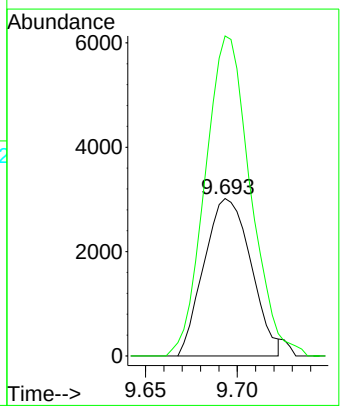


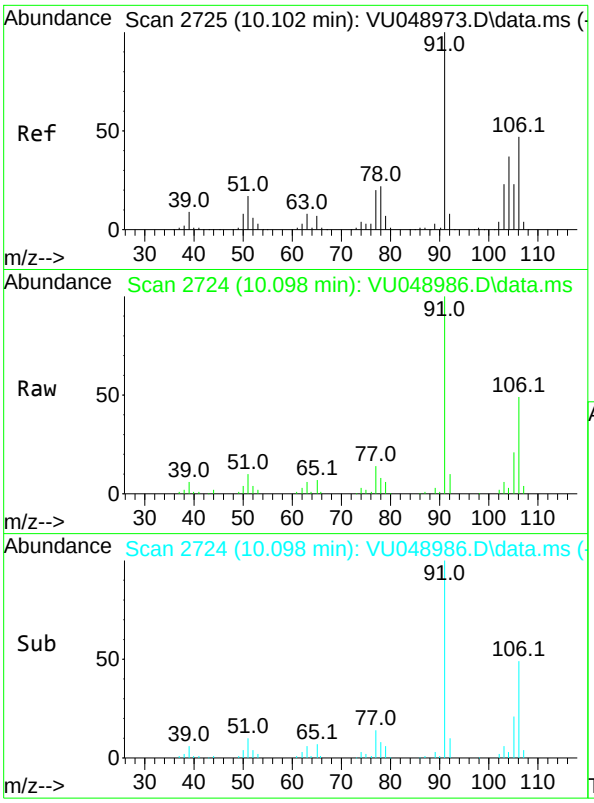


#53
m,p-Xylene
Concen: 1.137 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU048986.D
Acq: 09 Jun 2022 19:16

Tgt Ion:106 Resp: 5375

Ion	Ratio	Lower	Upper
106	100		
91	203.2	141.8	263.4



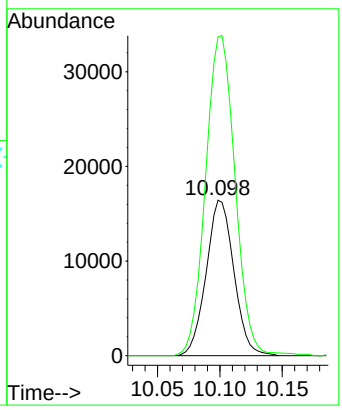


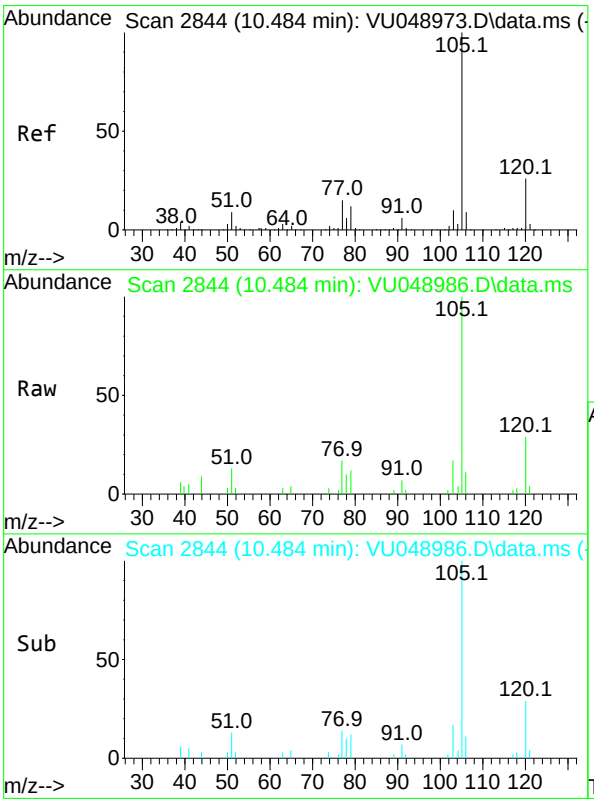
#54
o-Xylene
Concen: 5.621 ug/L
RT: 10.098 min Scan# 2
Delta R.T. -0.003 min
Lab File: VU048986.D
Acq: 09 Jun 2022 19:16

Instrument :
MSVOA_U
ClientSampleId :
EXYY2

Tgt Ion:106 Resp: 25466

Ion	Ratio	Lower	Upper
106	100		
91	205.0	150.1	278.9

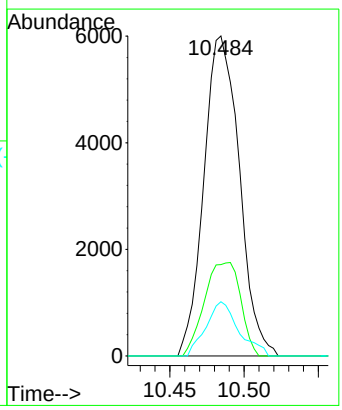


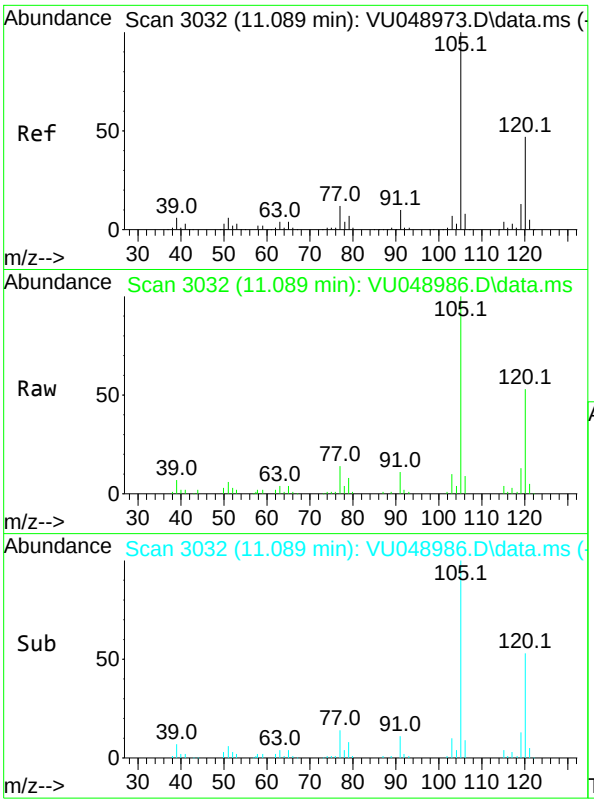


#61
Isopropylbenzene
Concen: 1.009 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU048986.D
Acq: 09 Jun 2022 19:16

Tgt Ion:105 Resp: 9961

Ion	Ratio	Lower	Upper
105	100		
120	29.8	21.0	31.6
77	15.6	12.5	18.7



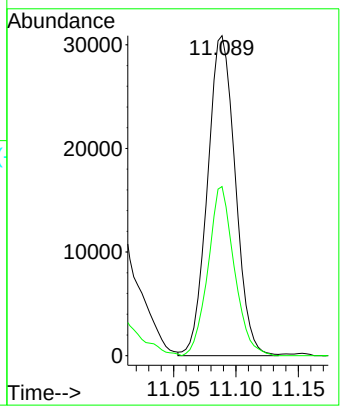


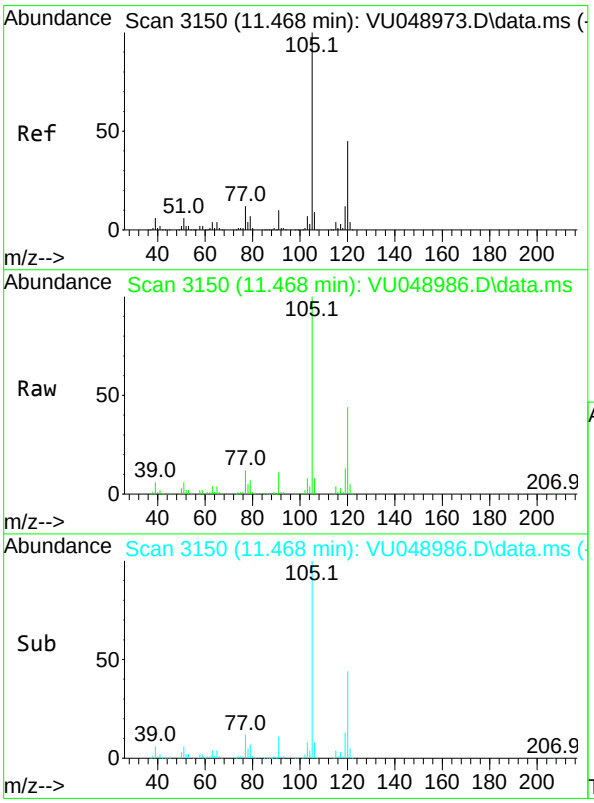
#62
1,3,5-Trimethylbenzene
Concen: 8.545 ug/L
RT: 11.089 min Scan# 3
Delta R.T. -0.000 min
Lab File: VU048986.D
Acq: 09 Jun 2022 19:16

Instrument :
MSVOA_U
ClientSampleId :
EXYY2

Tgt Ion:105 Resp: 47955

Ion	Ratio	Lower	Upper
105	100		
120	49.9	38.5	57.7

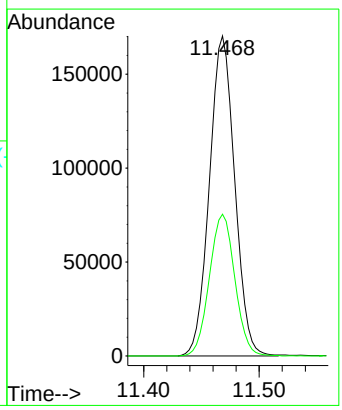


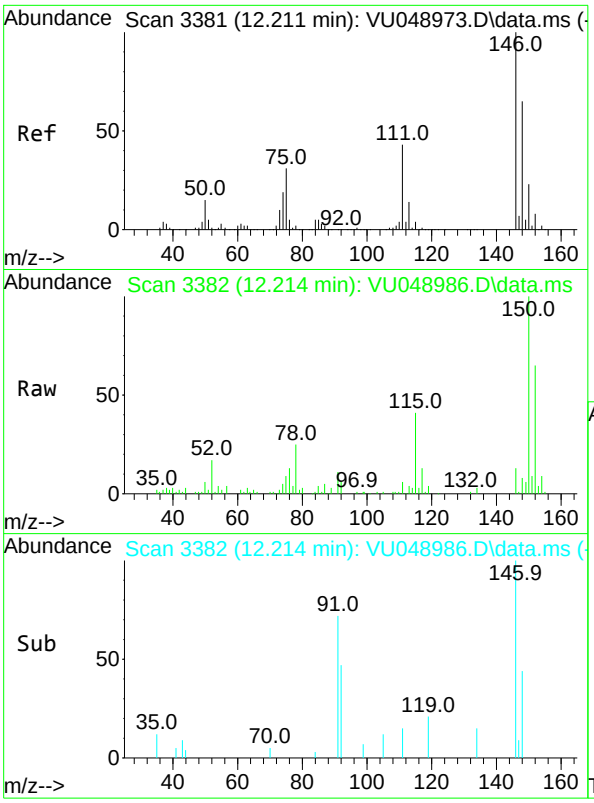


#63
1,2,4-Trimethylbenzene
Concen: 29.706 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU048986.D
Acq: 09 Jun 2022 19:16

Tgt Ion:105 Resp: 259221

Ion	Ratio	Lower	Upper
105	100		
120	44.6	35.4	53.2





#67
1,2-Dichlorobenzene
Concen: 0.964 ug/L
RT: 12.214 min Scan# 3
Delta R.T. 0.003 min
Lab File: VU048986.D
Acq: 09 Jun 2022 19:16

Instrument :
MSVOA_U
ClientSampleId :
EXYY2

Tgt Ion:146 Resp: 4993

Ion	Ratio	Lower	Upper
146	100		
111	47.9	34.1	51.1
148	61.9	50.9	76.3