Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110122\
Data File : VU051670.D
Acq On : 01 Nov 2022 22:46
Operator : JC/MD
Sample : N5319-04DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHA99DL

Quant Time: Nov 02 04:06:50 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 02 03:06:15 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	192558	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	200045	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	94063	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	78708	5.427	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 108.600%			
7) Chloroethane-d5	1.909	69	69430	4.590	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 91.800%			
11) 1,1-Dichloroethene-d2	2.565	65	32076	6.094	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 121.800%			
20) 2-Butanone-d5	4.620	46	178778	34.039	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 68.080%			
24) Chloroform-d	5.063	84	145697	4.293	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.800%			
26) 1,2-Dichloroethane-d4	5.700	65	75154	4.099	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.000%			
32) Benzene-d6	5.726	84	298234	4.724	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.400%			
36) 1,2-Dichloropropane-d6	6.687	67	96926	4.391	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 87.800%			
41) Toluene-d8	7.896	98	238079	4.796	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.000%			
43) trans-1,3-Dichloroprop...	8.179	79	31441	4.658	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 93.200%			
46) 2-Hexanone-d5	8.632	63	147381	36.273	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 72.540%			
56) 1,1,2,2-Tetrachloroeth...	10.755	84	82246	4.066	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 81.400%			
66) 1,2-Dichlorobenzene-d4	12.192	152	91627	5.307	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 106.200%			
Target Compounds						Qvalue
5) Vinyl chloride	1.601	62	16331	0.642	ug/L #	1
8) Chloroethane	1.932	64	57913	3.751	ug/L	98
19) 1,1-Dichloroethane	3.867	63	30185	0.911	ug/L	97
22) cis-1,2-Dichloroethene	4.665	96	32117	1.616	ug/L	97
29) 1,1,1-Trichloroethane	5.317	97	4658	0.171	ug/L #	81
33) Benzene	5.774	78	207619	2.630	ug/L	100
35) Methylcyclohexane	6.758	83	3294	0.125	ug/L	90
42) Toluene	7.967	91	644933	7.955	ug/L	99
51) Chlorobenzene	9.446	112	189873	3.721	ug/L	99
52) Ethylbenzene	9.568	91	124594	1.593	ug/L	99
53) m,p-Xylene	9.690	106	192314	6.329	ug/L	99
54) o-Xylene	10.099	106	41120	1.385	ug/L	97
60) Isopropylbenzene	10.484	105	22022	0.321	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	5529	0.299	ug/L	88
63) 1,2,4-Trimethylbenzene	11.465	105	23104	0.433	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	5472	0.160	ug/L	92
67) 1,2-Dichlorobenzene	12.211	146	4354	0.131	ug/L	96

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110122\
Data File : VU051670.D
Acq On : 01 Nov 2022 22:46
Operator : JC/MD
Sample : N5319-04DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHA99DL

Quant Time: Nov 02 04:06:50 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 02 03:06:15 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\VU110122\
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Quant Title : TRACE VOA SFAM1.0
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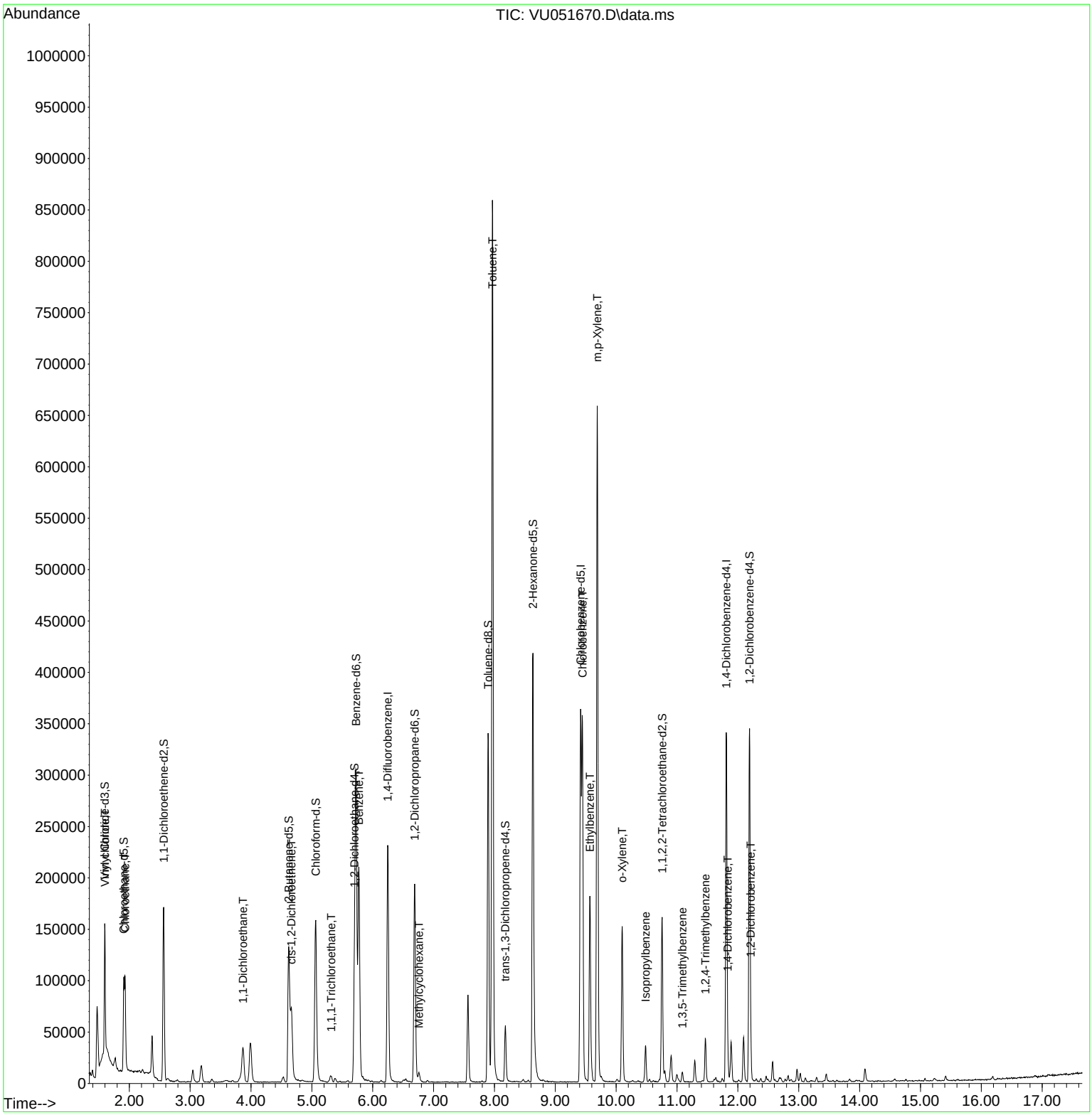
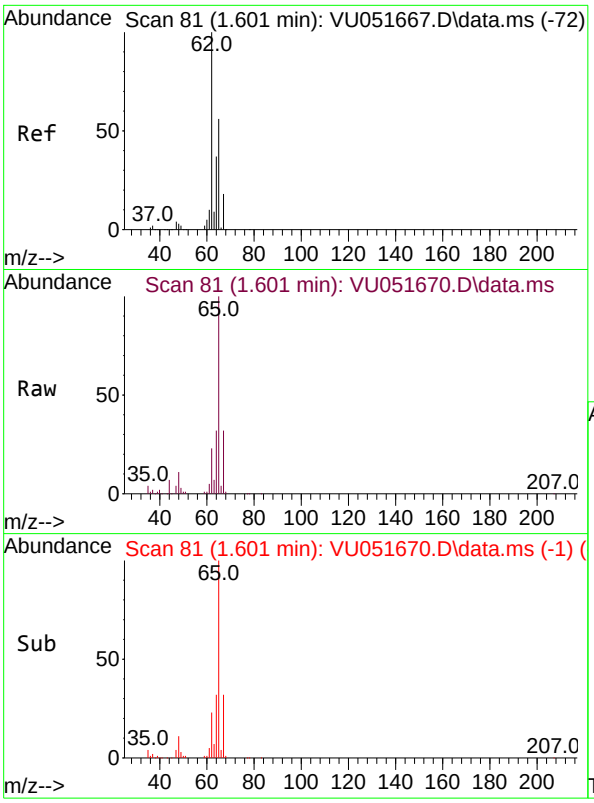


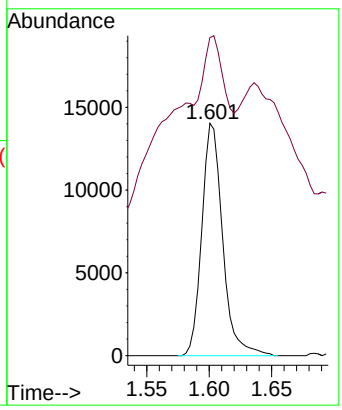


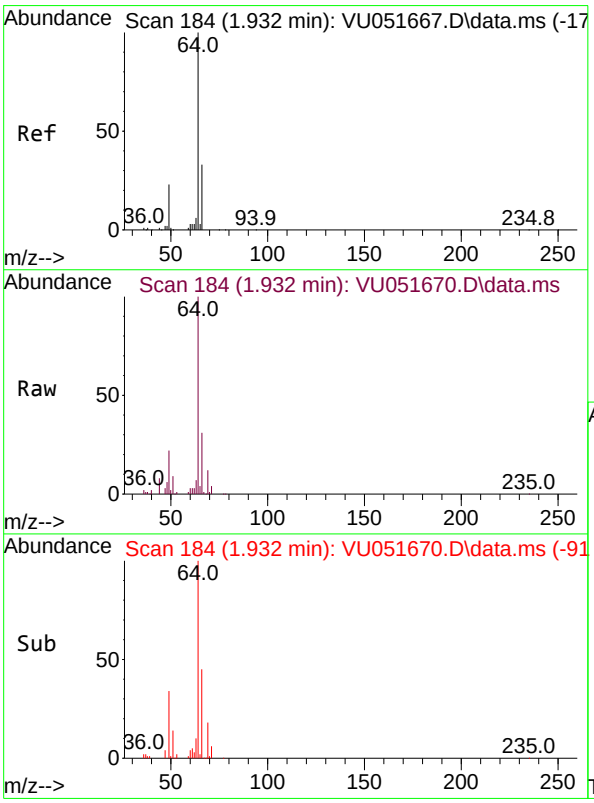
#5
Vinyl chloride
Concen: 0.642 ug/L
RT: 1.601 min Scan# 81
Delta R.T. -0.000 min
Lab File: VU051670.D
Acq: 01 Nov 2022 22:46

Instrument :
MSVOA_U
ClientSampleId :
BHA99DL

Tgt Ion: 62 Resp: 16331

Ion	Ratio	Lower	Upper
62	100		
64	137.0	22.1	41.1#

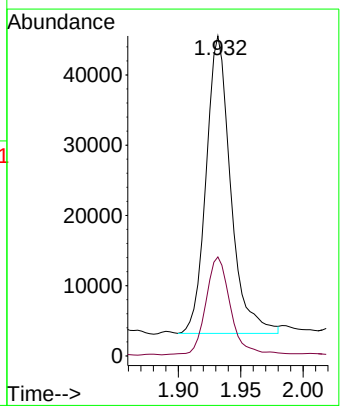


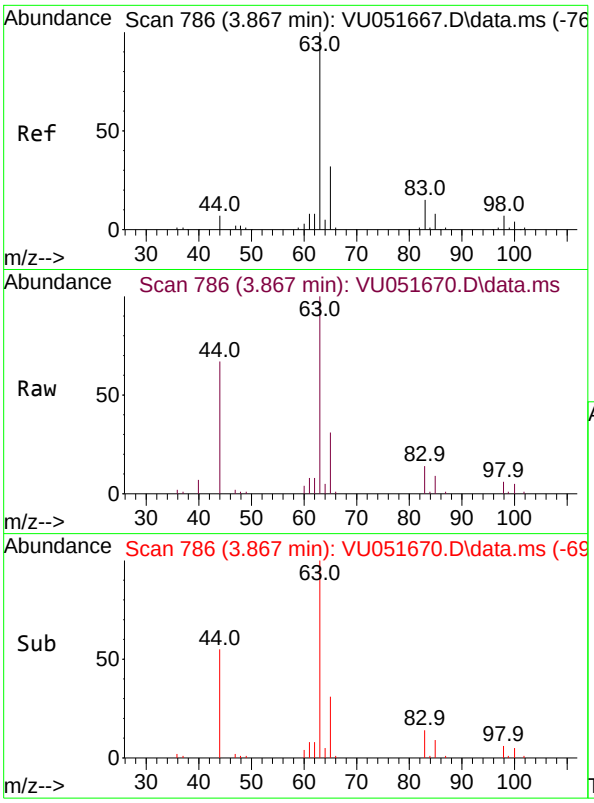


#8
Chloroethane
Concen: 3.751 ug/L
RT: 1.932 min Scan# 184
Delta R.T. -0.000 min
Lab File: VU051670.D
Acq: 01 Nov 2022 22:46

Tgt Ion: 64 Resp: 57913

Ion	Ratio	Lower	Upper
64	100		
66	30.9	22.3	41.5



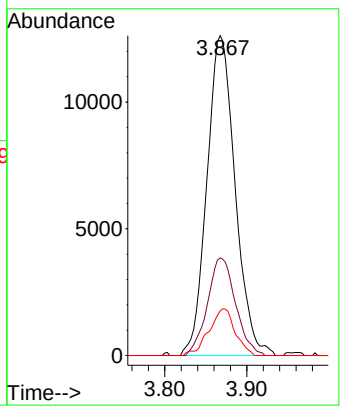


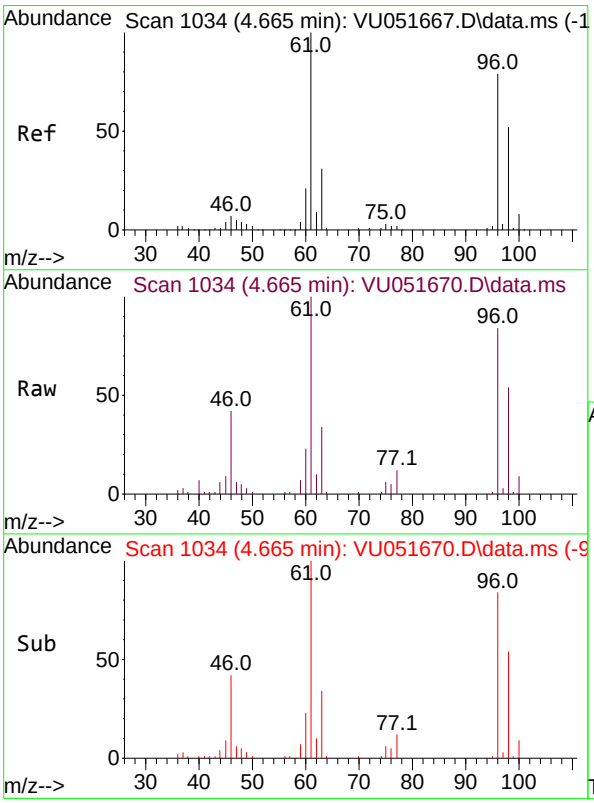
#19
1,1-Dichloroethane
Concen: 0.911 ug/L
RT: 3.867 min Scan# 78
Delta R.T. -0.000 min
Lab File: VU051670.D
Acq: 01 Nov 2022 22:46

Instrument :
MSVOA_U
ClientSampleId :
BHA99DL

Tgt Ion: 63 Resp: 30185

Ion	Ratio	Lower	Upper
63	100		
65	30.5	22.7	42.1
83	13.9	9.2	17.0

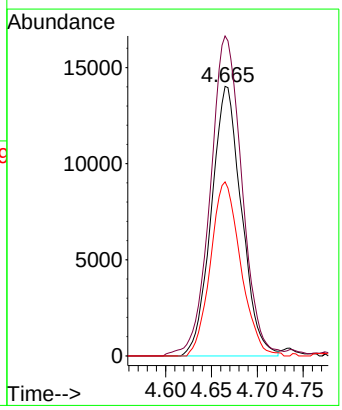


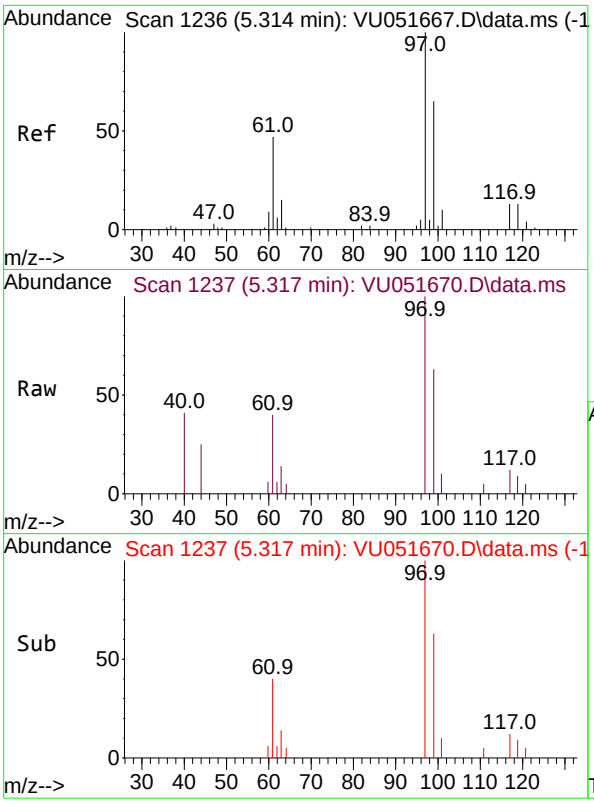


#22
cis-1,2-Dichloroethene
Concen: 1.616 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. -0.000 min
Lab File: VU051670.D
Acq: 01 Nov 2022 22:46

Tgt Ion: 96 Resp: 32117

Ion	Ratio	Lower	Upper
96	100		
61	118.8	86.4	160.4
98	64.6	44.2	82.2



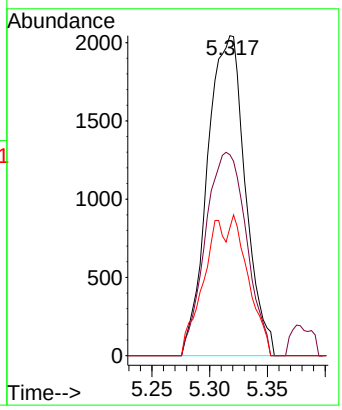


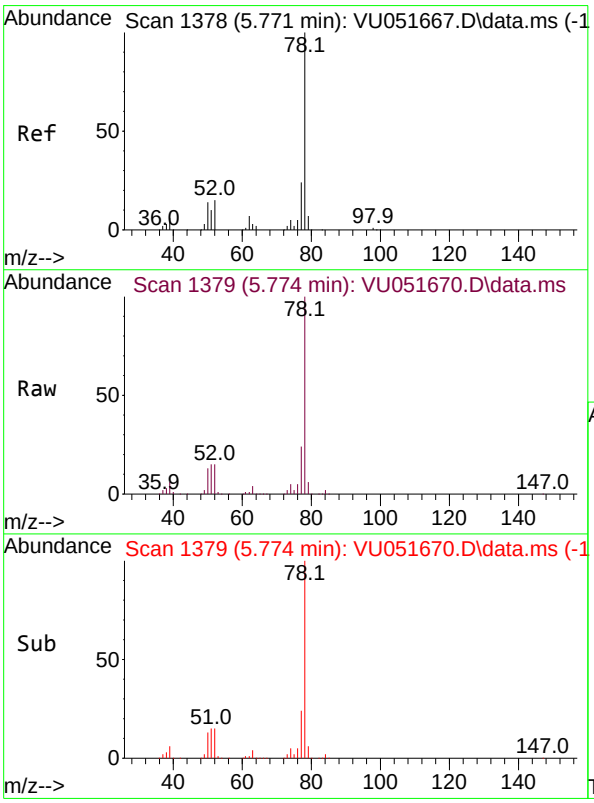
#29
1,1,1-Trichloroethane
Concen: 0.171 ug/L
RT: 5.317 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU051670.D
Acq: 01 Nov 2022 22:46

Instrument :
MSVOA_U
ClientSampleId :
BHA99DL

Tgt Ion: 97 Resp: 4658

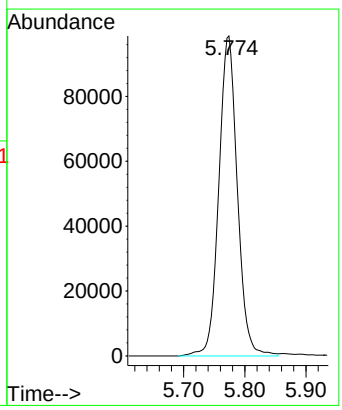
Ion	Ratio	Lower	Upper
97	100		
99	68.9	51.1	76.7
61	23.1	37.4	56.0#

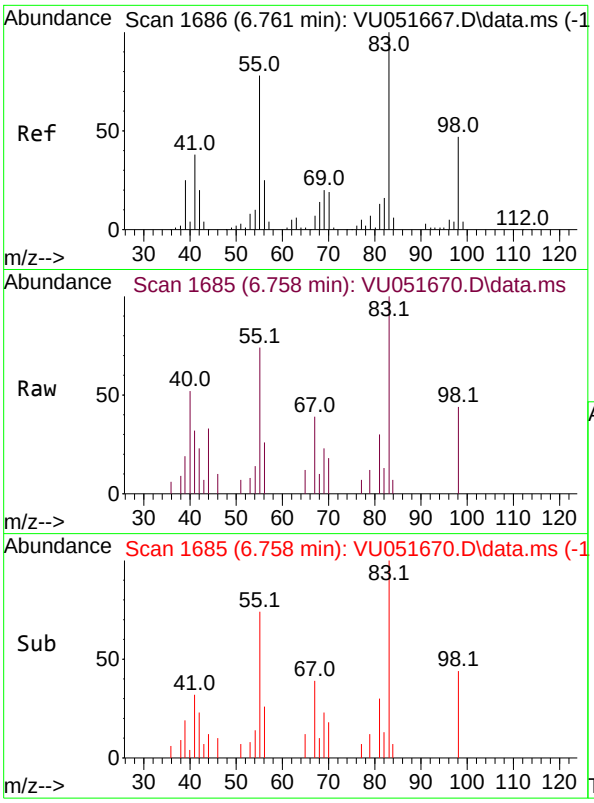




#33
Benzene
Concen: 2.630 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.003 min
Lab File: VU051670.D
Acq: 01 Nov 2022 22:46

Tgt Ion: 78 Resp: 207619



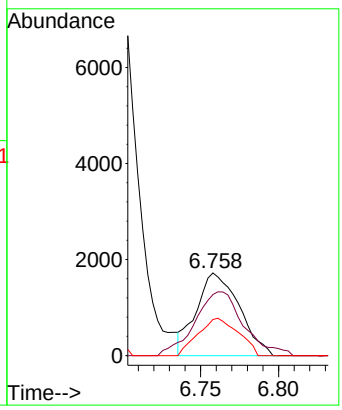


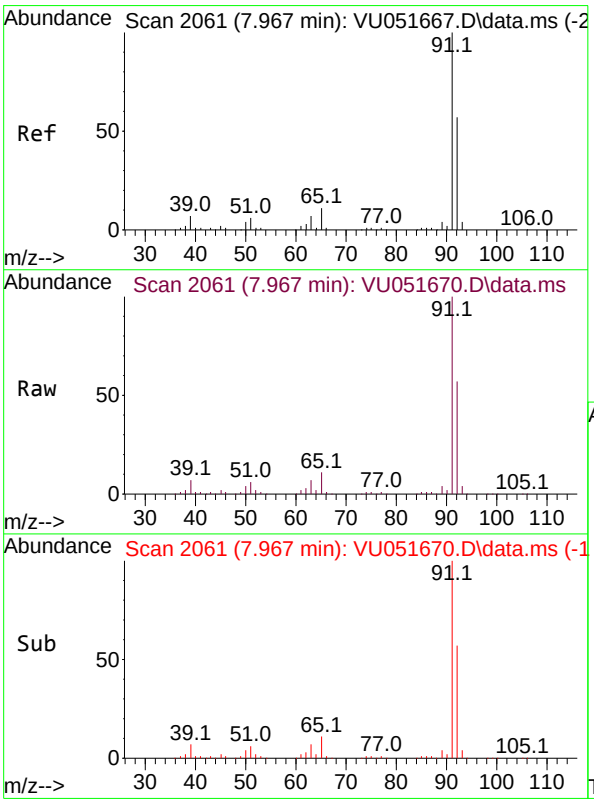
#35
Methylcyclohexane
Concen: 0.125 ug/L
RT: 6.758 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU051670.D
Acq: 01 Nov 2022 22:46

Instrument :
MSVOA_U
ClientSampleId :
BHA99DL

Tgt Ion: 83 Resp: 3294

Ion	Ratio	Lower	Upper
83	100		
55	87.4	60.6	90.8
98	42.3	35.8	53.6

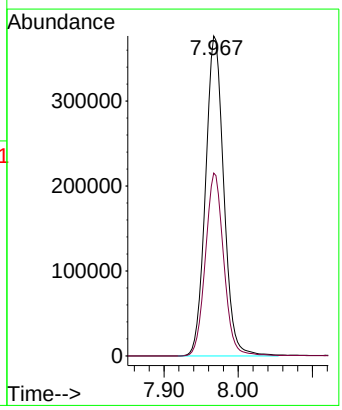


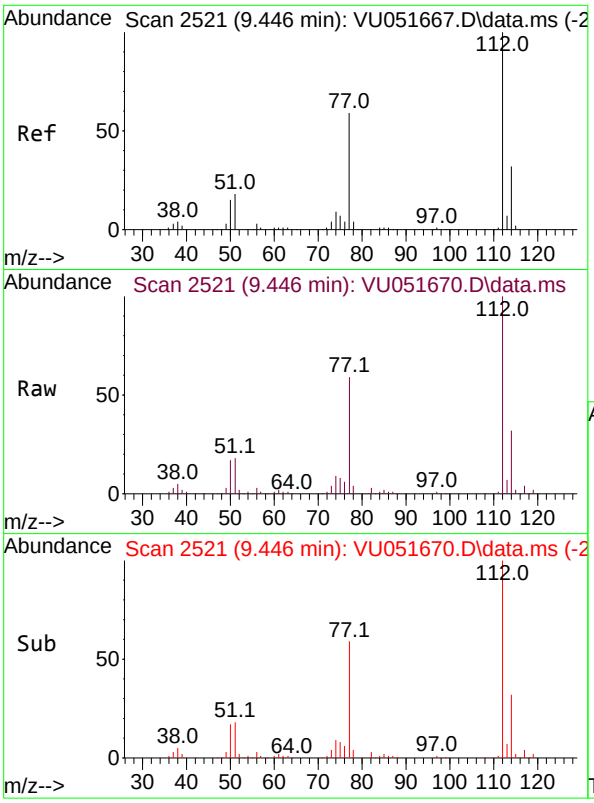


#42
Toluene
Concen: 7.955 ug/L
RT: 7.967 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VU051670.D
Acq: 01 Nov 2022 22:46

Tgt Ion: 91 Resp: 644933

Ion	Ratio	Lower	Upper
91	100		
92	57.1	40.5	75.3



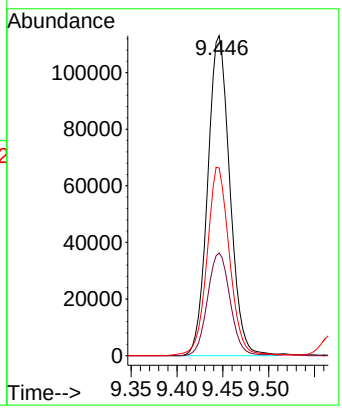


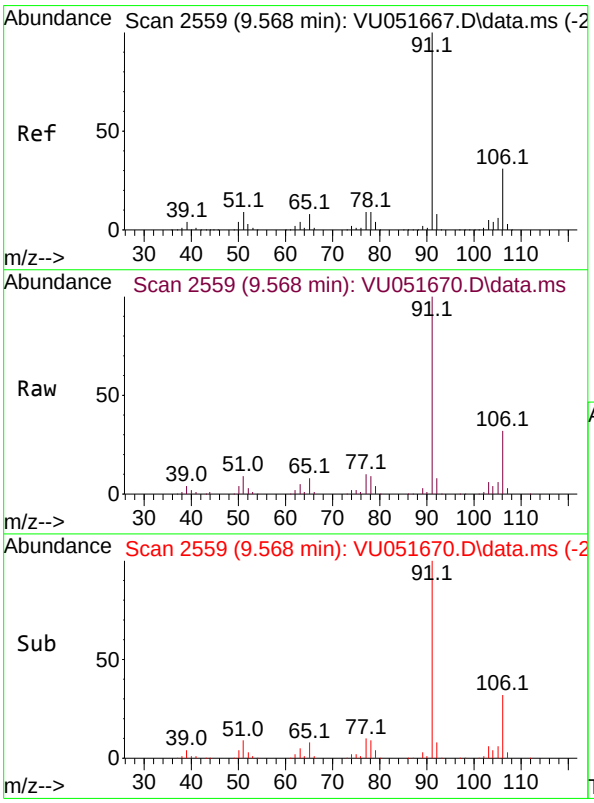
#51
Chlorobenzene
Concen: 3.721 ug/L
RT: 9.446 min Scan# 2
Delta R.T. -0.000 min
Lab File: VU051670.D
Acq: 01 Nov 2022 22:46

Instrument :
MSVOA_U
ClientSampleId :
BHA99DL

Tgt Ion:112 Resp: 189873

Ion	Ratio	Lower	Upper
112	100		
114	32.1	22.0	40.8
77	58.6	46.7	70.1

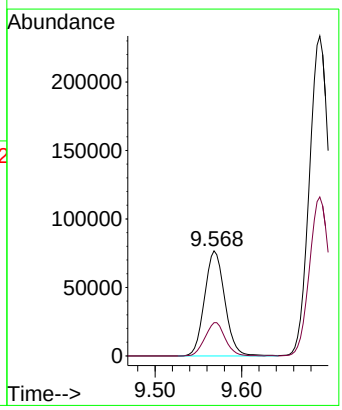


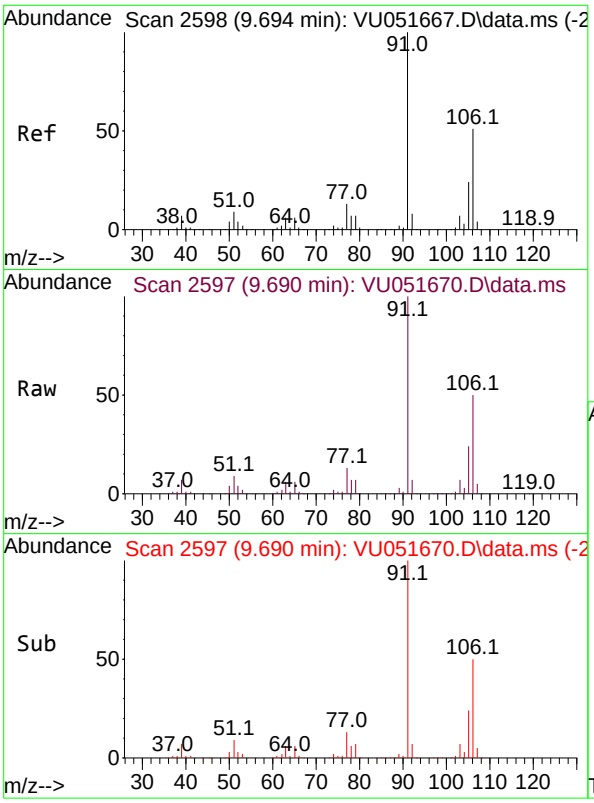


#52
Ethylbenzene
Concen: 1.593 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.000 min
Lab File: VU051670.D
Acq: 01 Nov 2022 22:46

Tgt Ion: 91 Resp: 124594

Ion	Ratio	Lower	Upper
91	100		
106	31.7	21.8	40.6



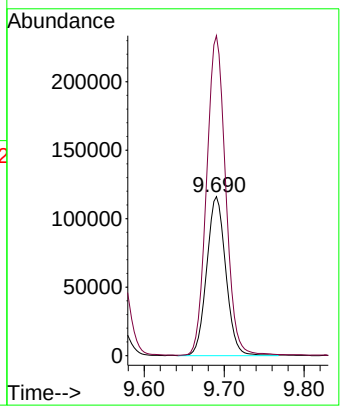


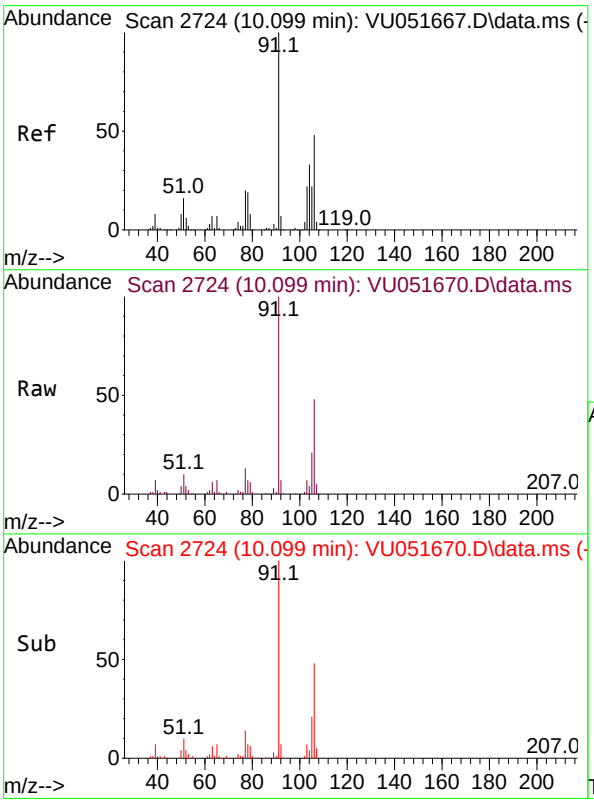
#53
m,p-Xylene
Concen: 6.329 ug/L
RT: 9.690 min Scan# 2
Delta R.T. -0.003 min
Lab File: VU051670.D
Acq: 01 Nov 2022 22:46

Instrument :
MSVOA_U
ClientSampleId :
BHA99DL

Tgt Ion:106 Resp: 192314

Ion	Ratio	Lower	Upper
106	100		
91	201.3	139.4	259.0

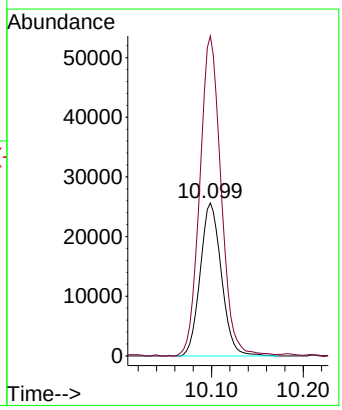


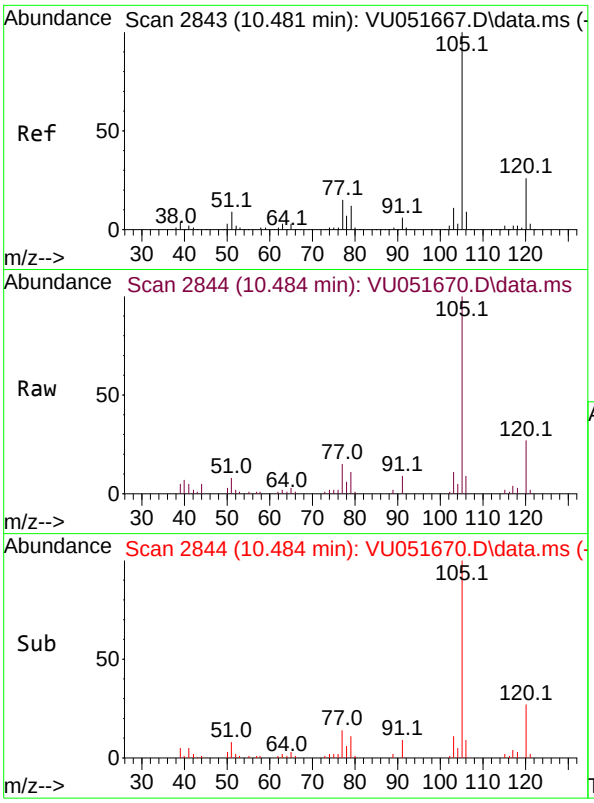


#54
o-Xylene
Concen: 1.385 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. -0.000 min
Lab File: VU051670.D
Acq: 01 Nov 2022 22:46

Tgt Ion:106 Resp: 41120

Ion	Ratio	Lower	Upper
106	100		
91	209.2	149.2	277.2



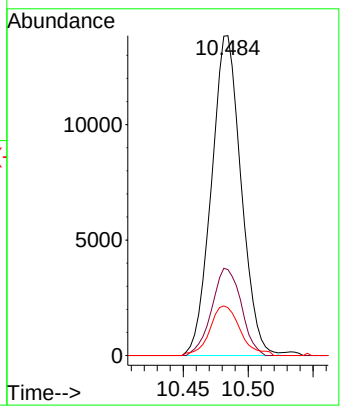


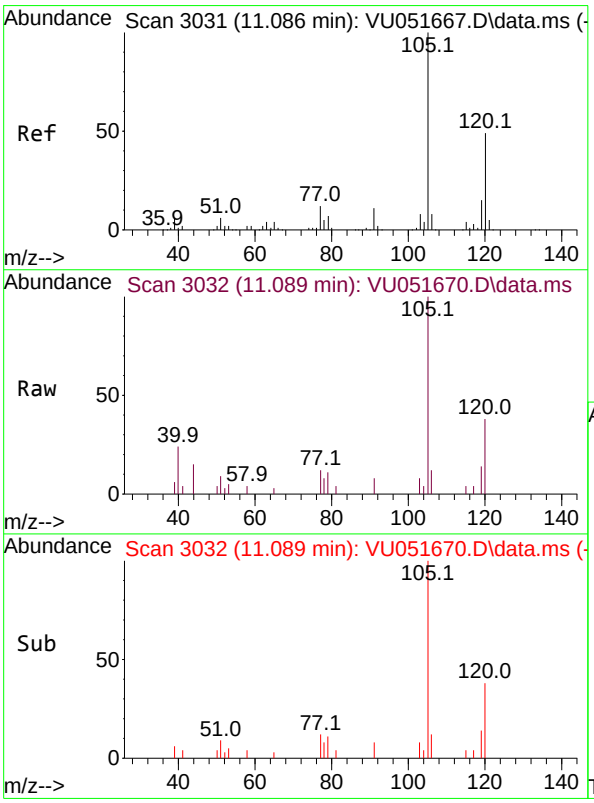
#60
Isopropylbenzene
Concen: 0.321 ug/L
RT: 10.484 min Scan# 28
Delta R.T. 0.003 min
Lab File: VU051670.D
Acq: 01 Nov 2022 22:46

Instrument :
MSVOA_U
ClientSampleId :
BHA99DL

Tgt Ion:105 Resp: 22022

Ion	Ratio	Lower	Upper
105	100		
120	27.1	20.9	31.3
77	15.9	12.3	18.5

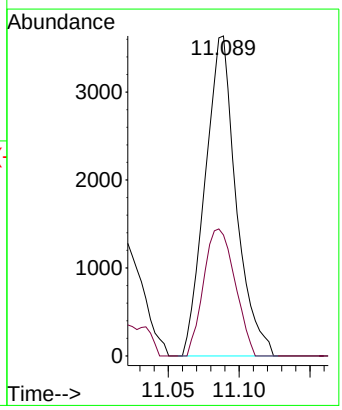


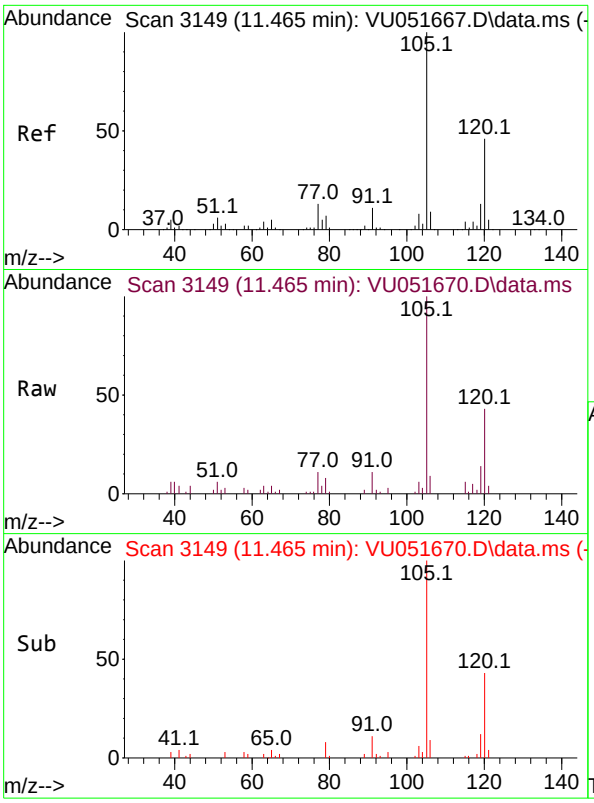


#62
1,3,5-Trimethylbenzene
Concen: 0.299 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. 0.003 min
Lab File: VU051670.D
Acq: 01 Nov 2022 22:46

Tgt Ion:105 Resp: 5529

Ion	Ratio	Lower	Upper
105	100		
120	40.2	38.6	57.8



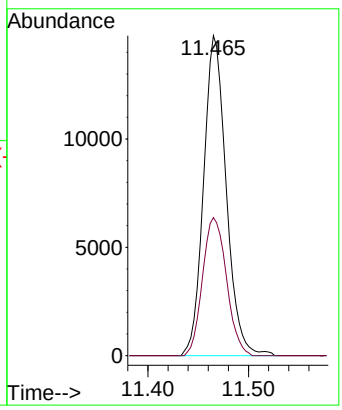


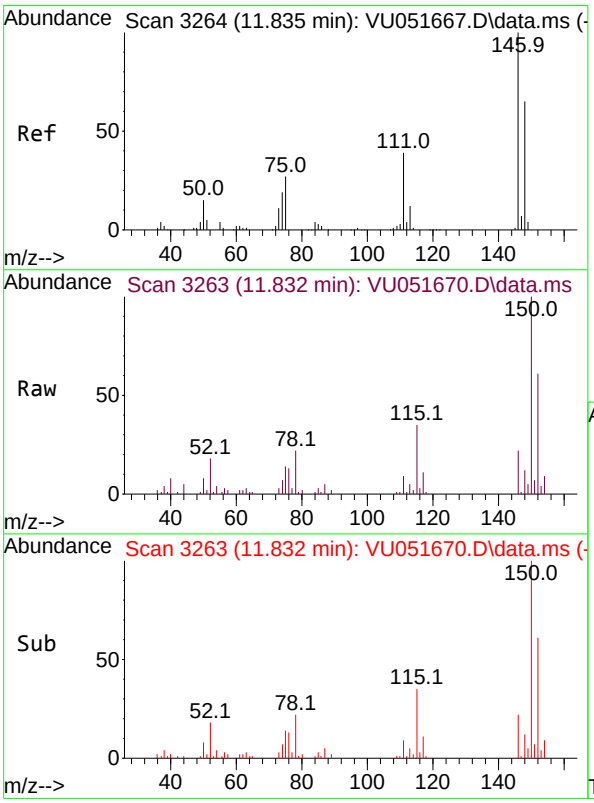
#63
1,2,4-Trimethylbenzene
Concen: 0.433 ug/L
RT: 11.465 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU051670.D
Acq: 01 Nov 2022 22:46

Instrument :
MSVOA_U
ClientSampleId :
BHA99DL

Tgt Ion:105 Resp: 23104

Ion	Ratio	Lower	Upper
105	100		
120	45.6	35.8	53.6

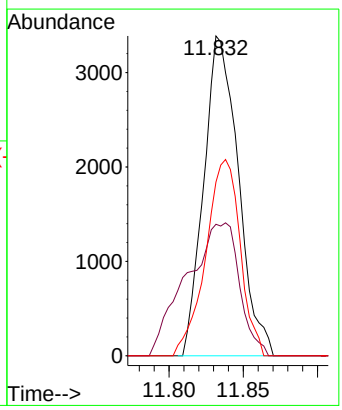


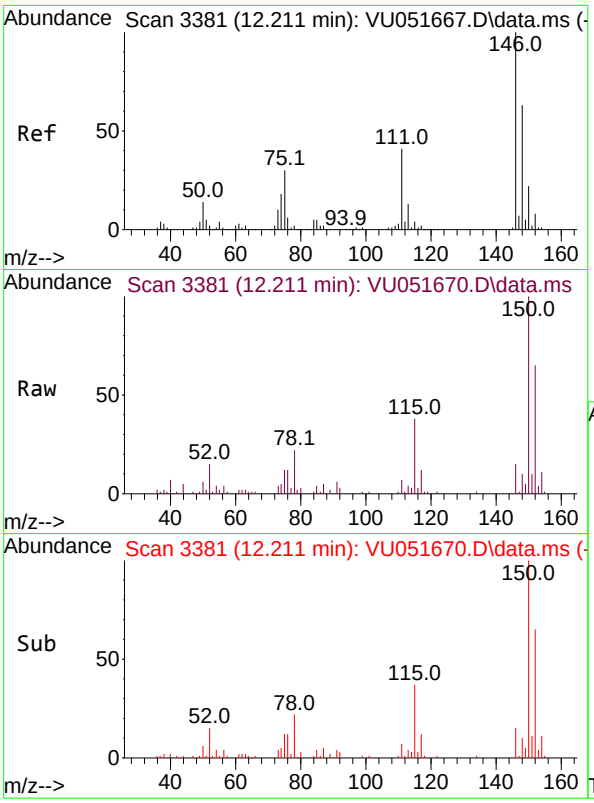


#65
1,4-Dichlorobenzene
Concen: 0.160 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. -0.003 min
Lab File: VU051670.D
Acq: 01 Nov 2022 22:46

Tgt Ion:146 Resp: 5472

Ion	Ratio	Lower	Upper
146	100		
111	41.1	26.7	49.5
148	54.3	43.5	80.9





#67
1,2-Dichlorobenzene
Concen: 0.131 ug/L
RT: 12.211 min Scan# 3
Delta R.T. -0.000 min
Lab File: VU051670.D
Acq: 01 Nov 2022 22:46

Instrument :
MSVOA_U
ClientSampleId :
BHA99DL

Tgt Ion:146 Resp: 4354

Ion	Ratio	Lower	Upper
146	100		
111	47.4	34.2	51.2
148	63.5	50.1	75.1