Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046168.D
Acq On : 08 Dec 2021 12:13
Operator : SY/MD
Sample : M4960-11 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKS4

Quant Time: Dec 09 03:19:18 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 03 05:08:36 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	203907	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	200385	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	106344	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	72778	43.328	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 86.660%			
7) Chloroethane-d5	1.919	69	55454	42.999	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 86.000%			
11) 1,1-Dichloroethene-d2	2.571	63	101680	33.721	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 67.440%			
21) 2-Butanone-d5	4.642	46	131093	98.177	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 98.180%			
24) Chloroform-d	5.066	84	136415	48.633	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.260%			
26) 1,2-Dichloroethane-d4	5.703	65	89272	47.423	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.840%			
32) Benzene-d6	5.732	84	288488	50.230	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.460%			
36) 1,2-Dichloropropane-d6	6.693	67	89146	50.083	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.160%			
41) Toluene-d8	7.899	98	264433	50.567	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.140%			
43) trans-1,3-Dichloroprop...	8.179	79	42747	49.749	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 99.500%			
47) 2-Hexanone-d5	8.635	63	92068	109.092	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 109.090%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	136834	50.690	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 101.380%			
66) 1,2-Dichlorobenzene-d4	12.195	152	108535	52.996	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.000%			
Target Compounds						Qvalue
5) Vinyl chloride	1.607	62	2882	1.440	ug/L #	47
13) Acetone	2.658	43	18784	11.256	ug/L	64
19) 1,1-Dichloroethane	3.877	63	5664	2.088	ug/L	96
20) cis-1,2-Dichloroethene	4.671	96	56296	34.773	ug/L	100
22) 2-Butanone	4.729	43	11944	6.575	ug/L #	69
27) 1,2-Dichloroethane	5.796	62	7731	3.456	ug/L #	93
33) Benzene	5.777	78	145793	24.039	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	3756	1.609	ug/L	98
42) Toluene	7.970	91	304725	46.825	ug/L	98
51) Chlorobenzene	9.446	112	67722	16.085	ug/L	97
52) Ethylbenzene	9.571	91	126881	18.116	ug/L	97
53) m,p-Xylene	9.693	106	126619	46.357	ug/L	98
54) o-xylene	10.102	106	49640	18.730	ug/L	93
55) Styrene	10.114	104	16591	3.667	ug/L	79
61) Isopropylbenzene	10.484	105	17213	2.488	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	18308	3.174	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	62876	10.897	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	4737	1.395	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	17066	5.156	ug/L	95

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046168.D
Acq On : 08 Dec 2021 12:13
Operator : SY/MD
Sample : M4960-11 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKS4

Quant Time: Dec 09 03:19:18 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 03 05:08:36 2021
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\VU120821\
Data File : VU046168.D
Acq On : 08 Dec 2021 12:13
Operator : SY/MD
Sample : M4960-11 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

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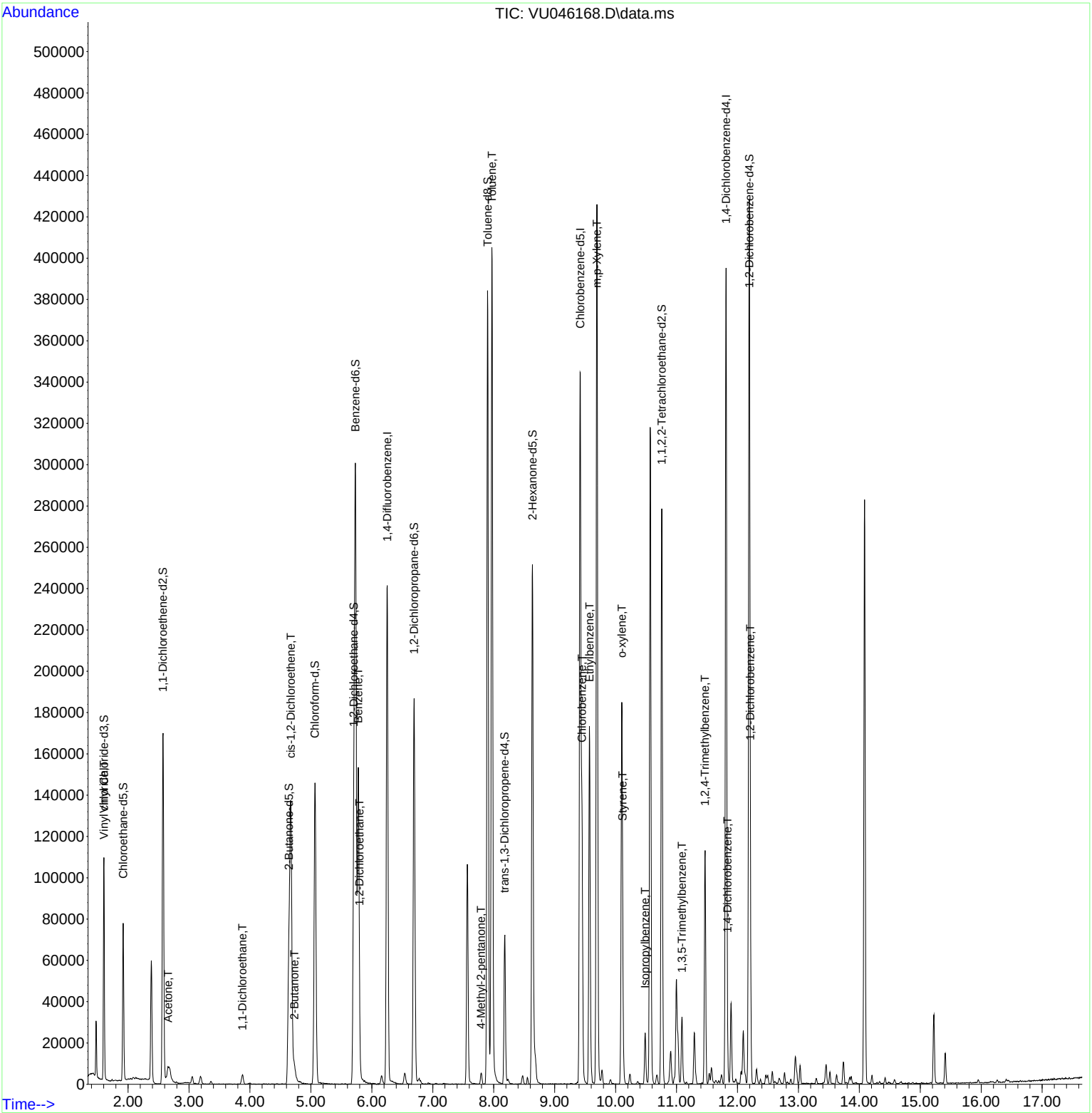
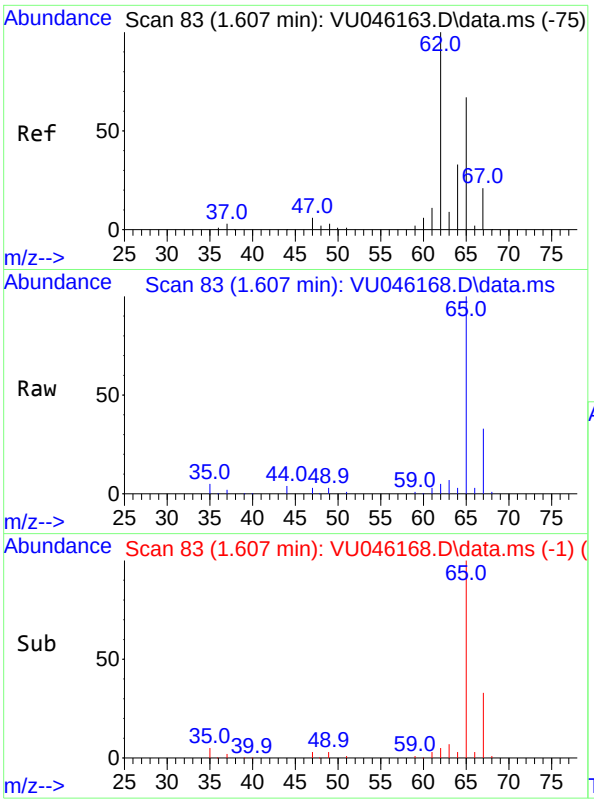
MSVOA_U
ClientSampleId :
BGKS4

Quant Time: Dec 09 03:19:18 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 03 05:08:36 2021
Response via : Initial Calibration



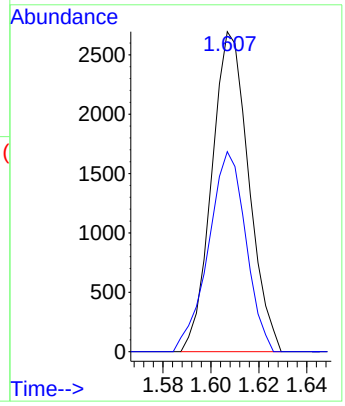


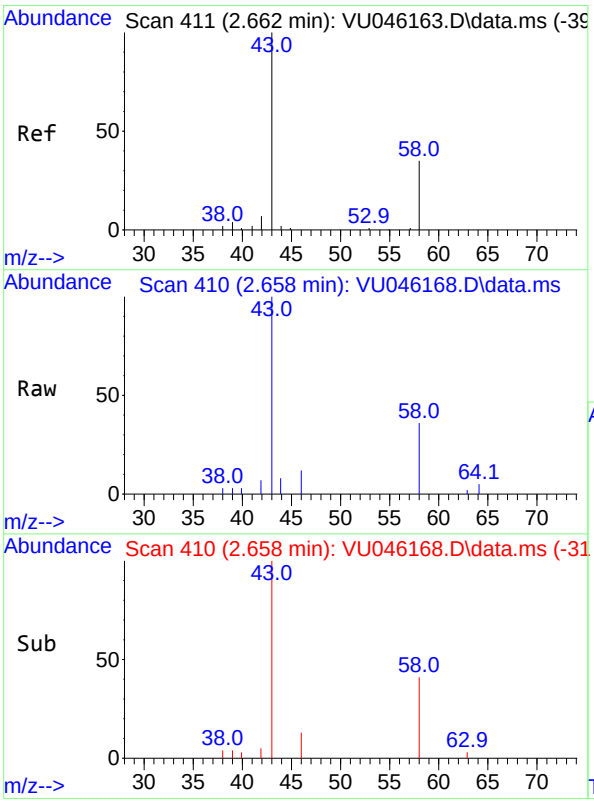
#5
Vinyl chloride
Concen: 1.440 ug/L
RT: 1.607 min Scan# 8
Delta R.T. -0.000 min
Lab File: VU046168.D
Acq: 08 Dec 2021 12:13

Instrument :
MSVOA_U
ClientSampleId :
BGKS4

Tgt Ion: 62 Resp: 2882

Ion	Ratio	Lower	Upper
62	100		
64	62.5	22.9	42.5#

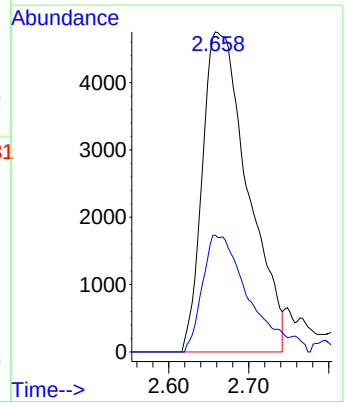


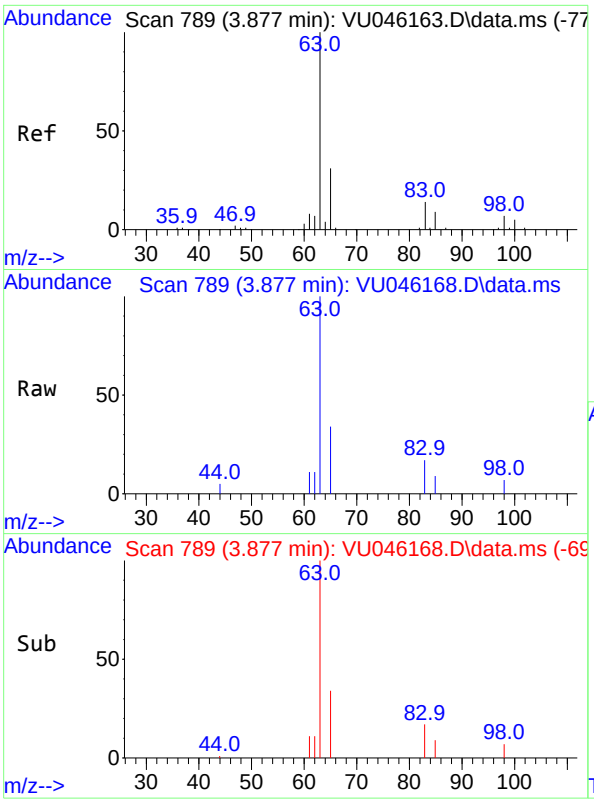


#13
Acetone
Concen: 11.256 ug/L
RT: 2.658 min Scan# 410
Delta R.T. -0.003 min
Lab File: VU046168.D
Acq: 08 Dec 2021 12:13

Tgt Ion: 43 Resp: 18784

Ion	Ratio	Lower	Upper
43	100		
58	13.0	0.0	66.8



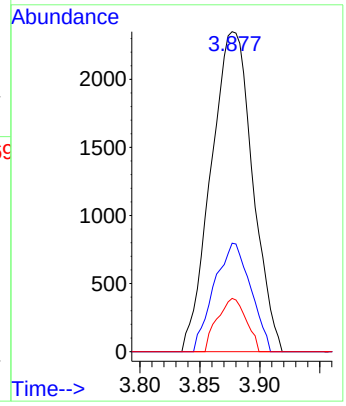


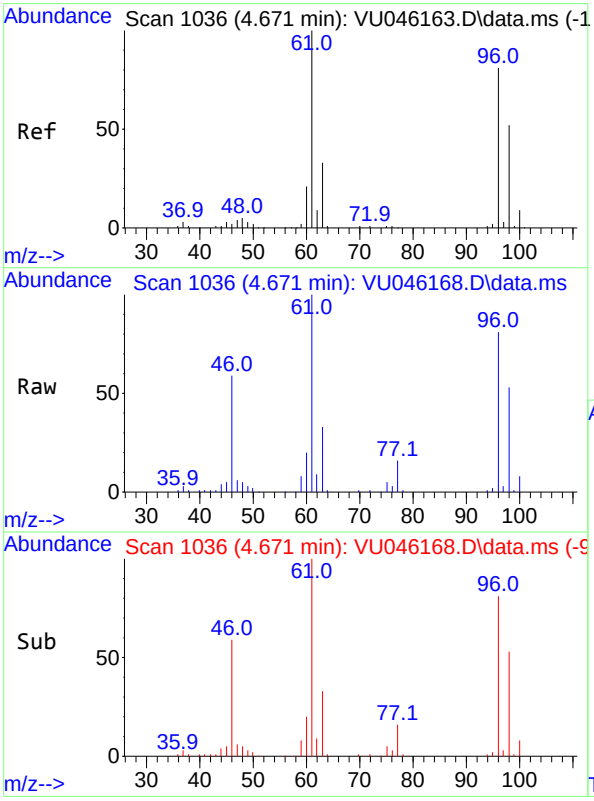
#19
1,1-Dichloroethane
Concen: 2.088 ug/L
RT: 3.877 min Scan# 7
Delta R.T. -0.000 min
Lab File: VU046168.D
Acq: 08 Dec 2021 12:13

Instrument :
MSVOA_U
ClientSampleId :
BGKS4

Tgt Ion: 63 Resp: 5664

Ion	Ratio	Lower	Upper
63	100		
65	33.9	22.8	42.4
83	16.6	9.6	17.8

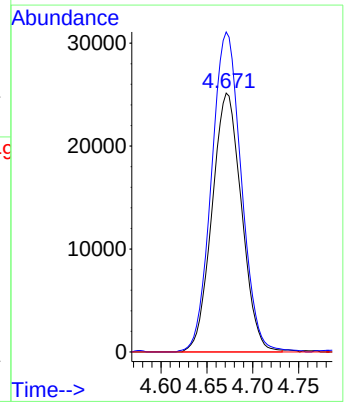


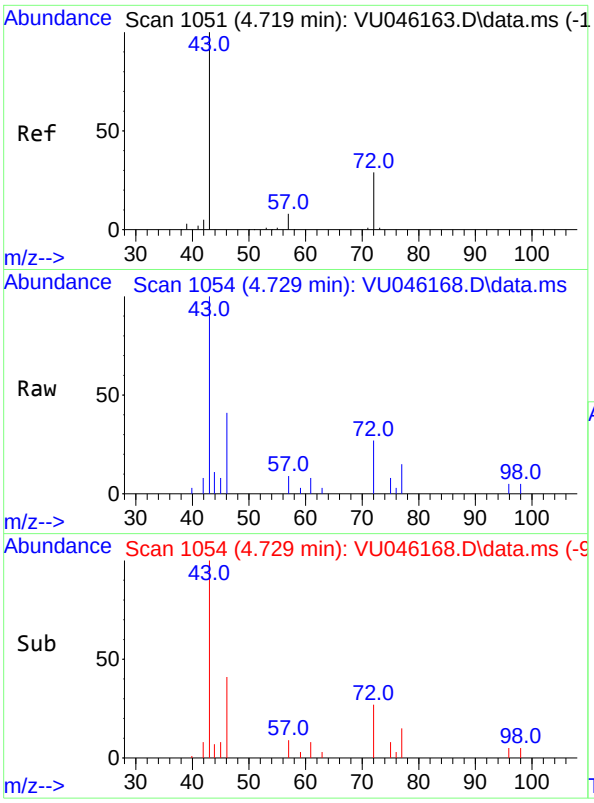


#20
cis-1,2-Dichloroethene
Concen: 34.773 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VU046168.D
Acq: 08 Dec 2021 12:13

Tgt Ion: 96 Resp: 56296

Ion	Ratio	Lower	Upper
96	100		
61	123.6	86.8	161.2
68	0.0	0.0	0.0



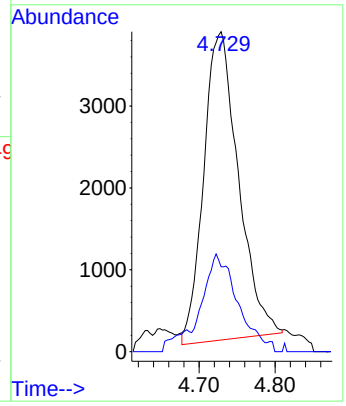


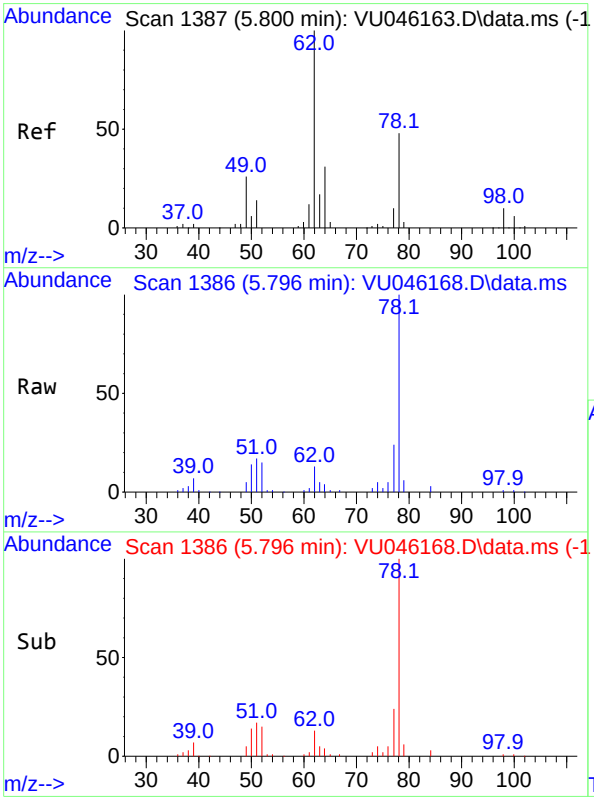
#22
2-Butanone
Concen: 6.575 ug/L
RT: 4.729 min Scan# 1
Delta R.T. 0.006 min
Lab File: VU046168.D
Acq: 08 Dec 2021 12:13

Instrument :
MSVOA_U
ClientSampleId :
BGKS4

Tgt Ion: 43 Resp: 11944

Ion	Ratio	Lower	Upper
43	100		
72	12.3	14.5	43.6#

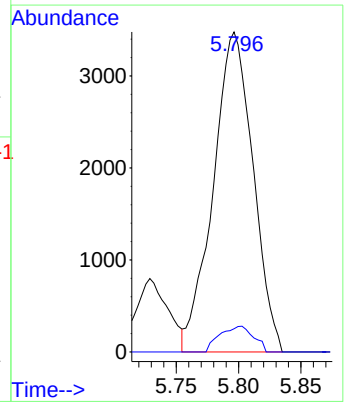


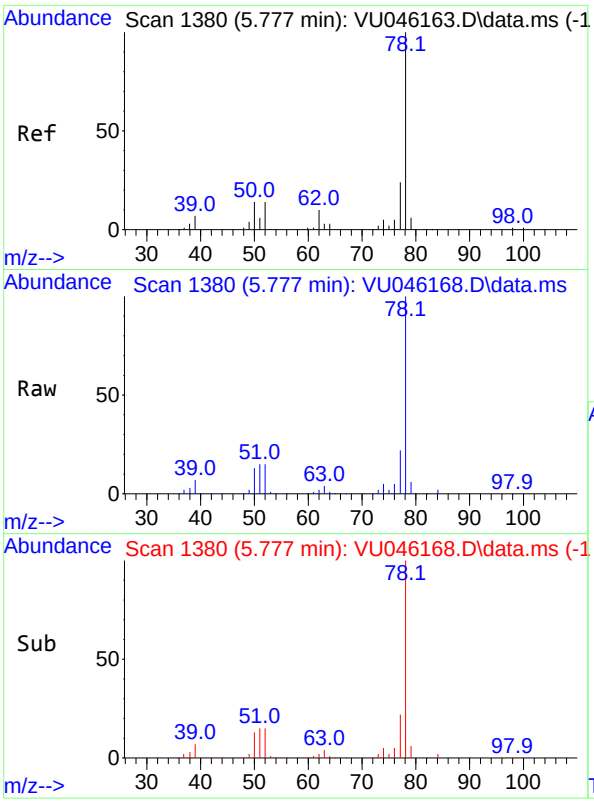


#27
1,2-Dichloroethane
Concen: 3.456 ug/L
RT: 5.796 min Scan# 1386
Delta R.T. -0.003 min
Lab File: VU046168.D
Acq: 08 Dec 2021 12:13

Tgt Ion: 62 Resp: 7731

Ion	Ratio	Lower	Upper
62	100		
98	7.2	7.9	11.9#

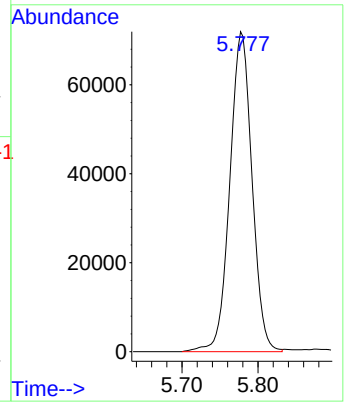


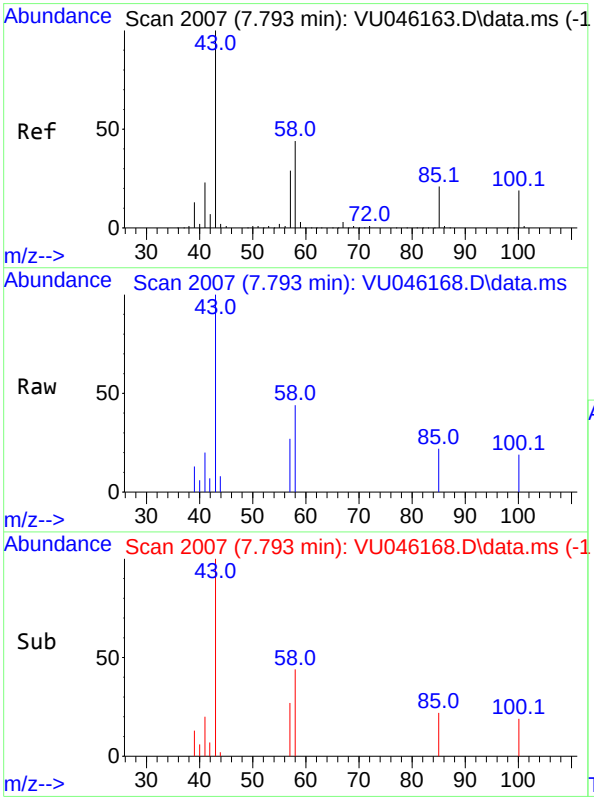


#33
Benzene
Concen: 24.039 ug/L
RT: 5.777 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU046168.D
Acq: 08 Dec 2021 12:13

Instrument :
MSVOA_U
ClientSampleId :
BGKS4

Tgt Ion: 78 Resp: 145793

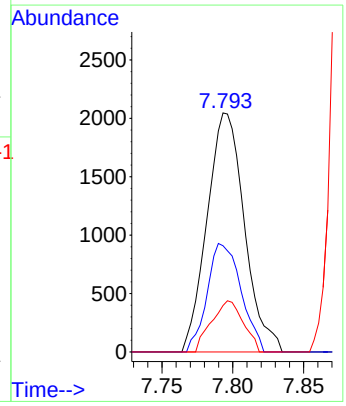


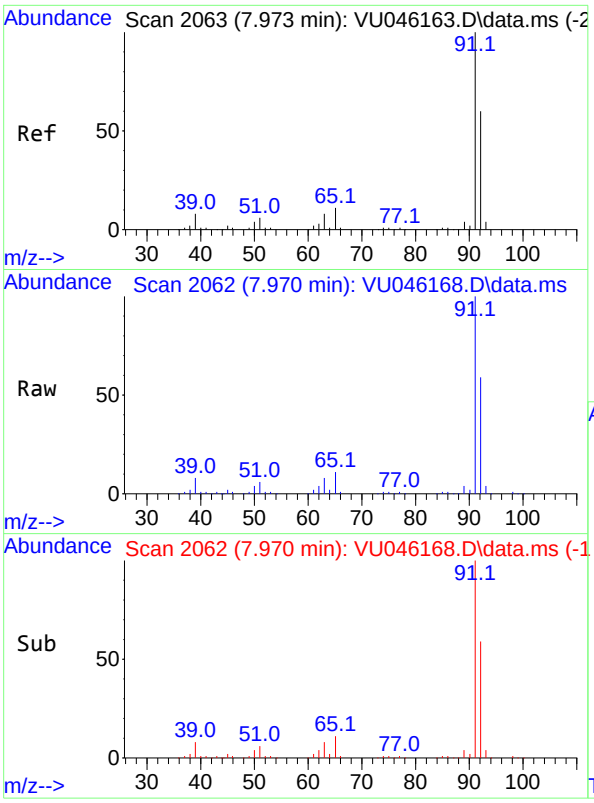


#40
4-Methyl-2-pentanone
Concen: 1.609 ug/L
RT: 7.793 min Scan# 2007
Delta R.T. -0.003 min
Lab File: VU046168.D
Acq: 08 Dec 2021 12:13

Tgt Ion: 43 Resp: 3756

Ion	Ratio	Lower	Upper
43	100		
58	41.1	34.2	51.4
100	18.2	14.5	21.7



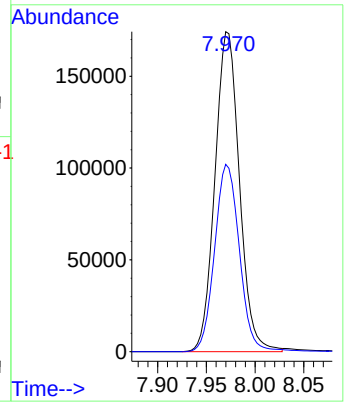


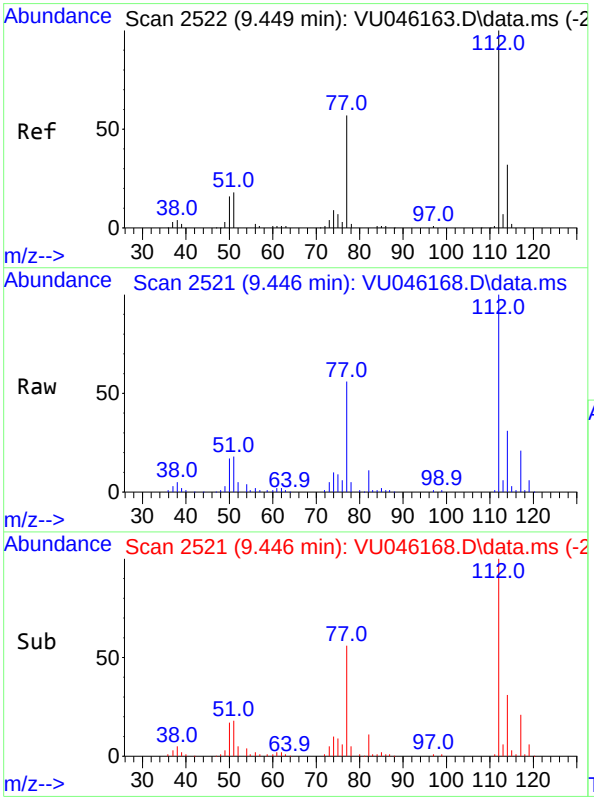
#42
Toluene
Concen: 46.825 ug/L
RT: 7.970 min Scan# 2
Delta R.T. -0.003 min
Lab File: VU046168.D
Acq: 08 Dec 2021 12:13

Instrument :
MSVOA_U
ClientSampleId :
BGKS4

Tgt Ion: 91 Resp: 304725

Ion	Ratio	Lower	Upper
91	100		
92	58.6	41.9	77.7

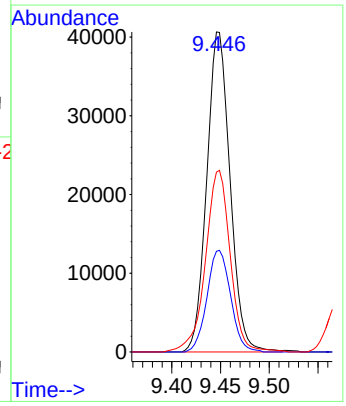


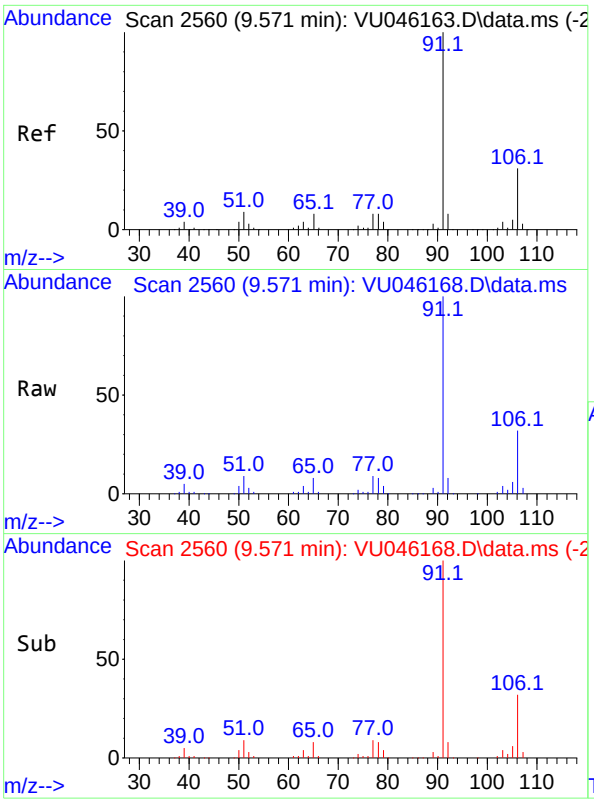


#51
Chlorobenzene
Concen: 16.085 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU046168.D
Acq: 08 Dec 2021 12:13

Tgt Ion:112 Resp: 67722

Ion	Ratio	Lower	Upper
112	100		
114	31.5	22.2	41.2
77	56.2	47.4	71.0



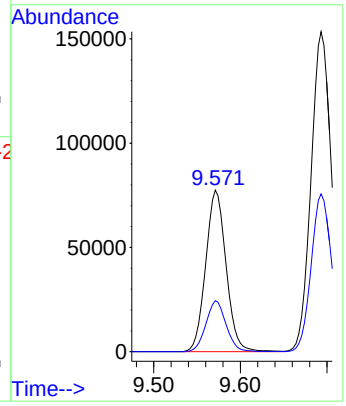


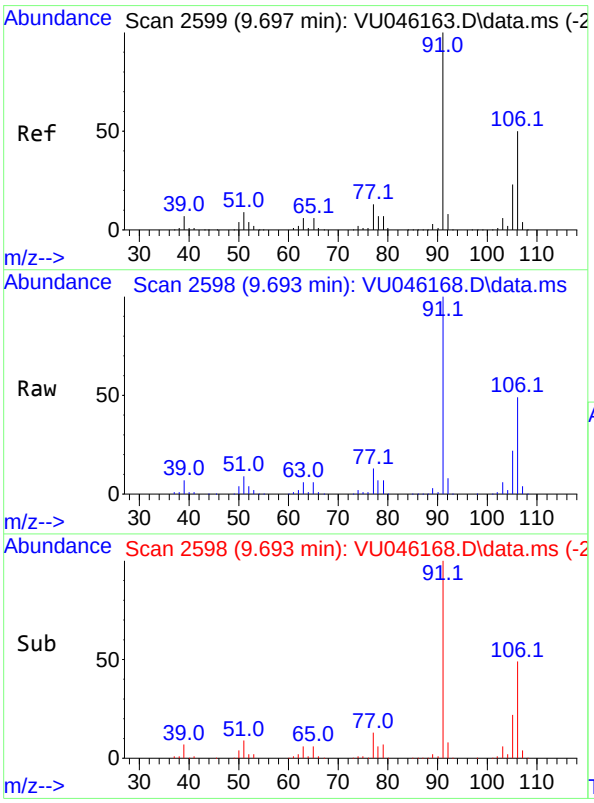
#52
Ethylbenzene
Concen: 18.116 ug/L
RT: 9.571 min Scan# 2
Delta R.T. -0.003 min
Lab File: VU046168.D
Acq: 08 Dec 2021 12:13

Instrument :
MSVOA_U
ClientSampleId :
BGKS4

Tgt Ion: 91 Resp: 126881

Ion	Ratio	Lower	Upper
91	100		
106	31.6	21.1	39.3

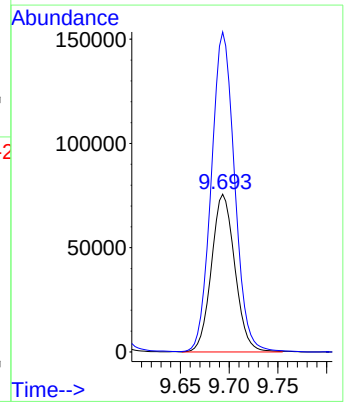


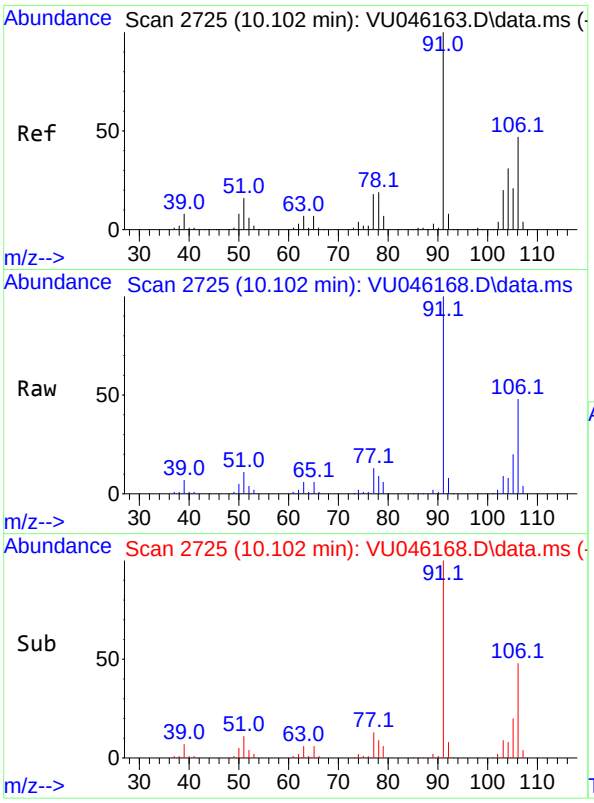


#53
m,p-Xylene
Concen: 46.357 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.003 min
Lab File: VU046168.D
Acq: 08 Dec 2021 12:13

Tgt Ion:106 Resp: 126619

Ion	Ratio	Lower	Upper
106	100		
91	202.8	144.3	268.1



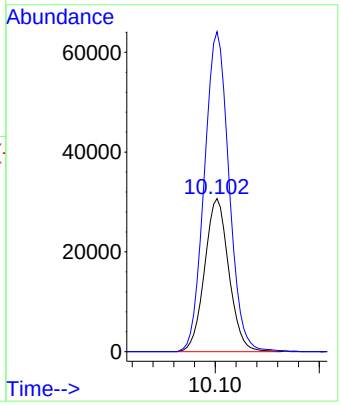


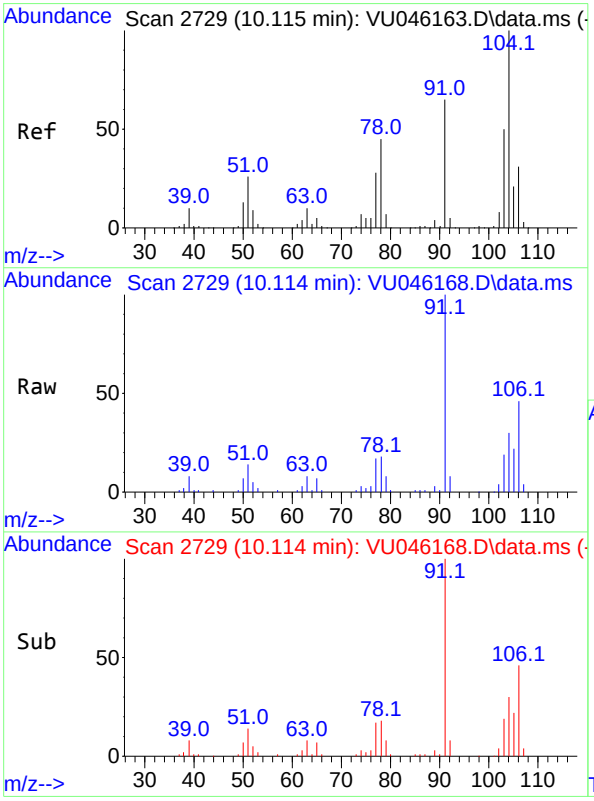
#54
o-xylene
Concen: 18.730 ug/L
RT: 10.102 min Scan# 2
Delta R.T. -0.003 min
Lab File: VU046168.D
Acq: 08 Dec 2021 12:13

Instrument :
MSVOA_U
ClientSampleId :
BGKS4

Tgt Ion:106 Resp: 49640

Ion	Ratio	Lower	Upper
106	100		
91	209.0	154.2	286.4

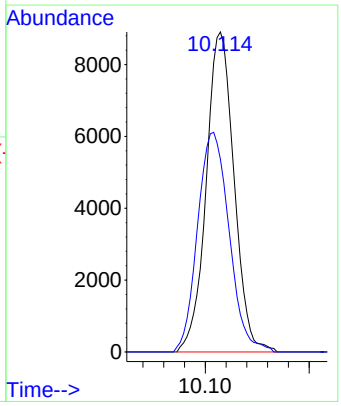


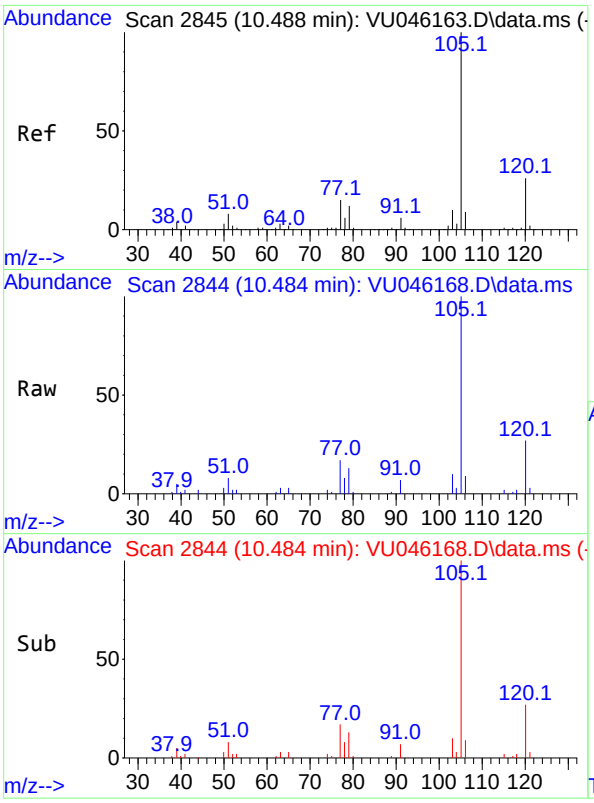


#55
Styrene
Concen: 3.667 ug/L
RT: 10.114 min Scan# 2729
Delta R.T. -0.003 min
Lab File: VU046168.D
Acq: 08 Dec 2021 12:13

Tgt Ion:104 Resp: 16591

Ion	Ratio	Lower	Upper
104	100		
78	60.3	32.6	60.5



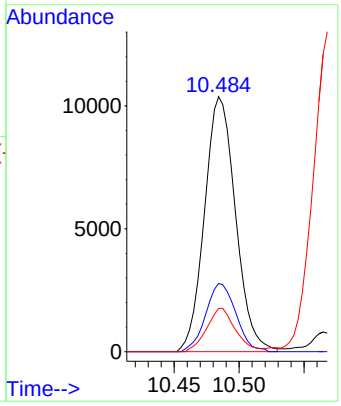


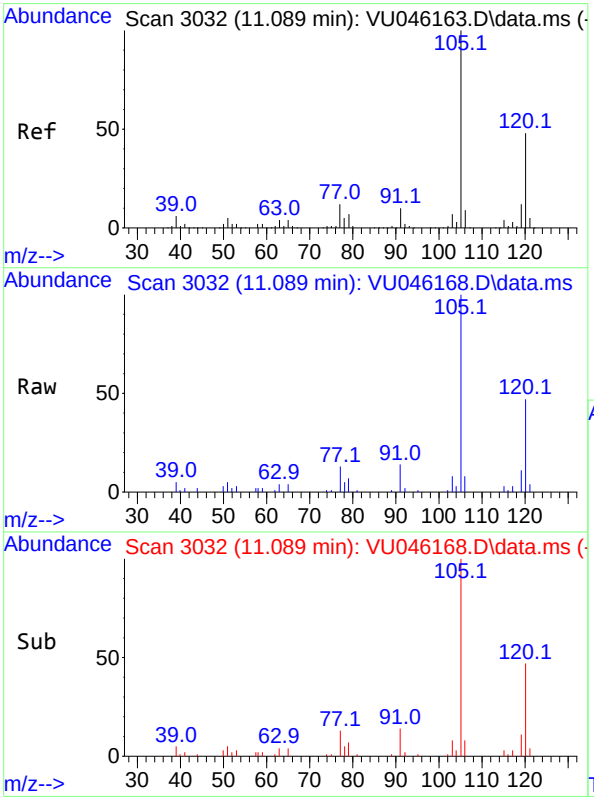
#61
Isopropylbenzene
Concen: 2.488 ug/L
RT: 10.484 min Scan# 2
Delta R.T. -0.003 min
Lab File: VU046168.D
Acq: 08 Dec 2021 12:13

Instrument :
MSVOA_U
ClientSampleId :
BGKS4

Tgt Ion:105 Resp: 17213

Ion	Ratio	Lower	Upper
105	100		
120	26.0	20.7	31.1
77	15.8	12.2	18.4

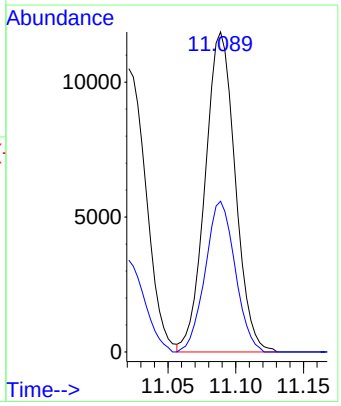


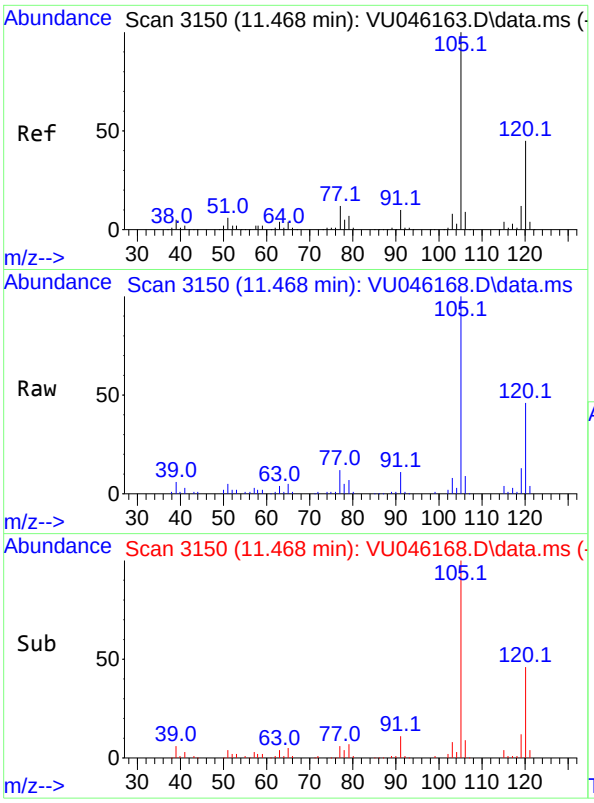


#62
1,3,5-Trimethylbenzene
Concen: 3.174 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. -0.003 min
Lab File: VU046168.D
Acq: 08 Dec 2021 12:13

Tgt Ion:105 Resp: 18308

Ion	Ratio	Lower	Upper
105	100		
120	46.8	37.8	56.6



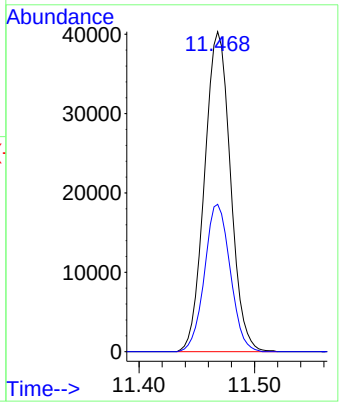


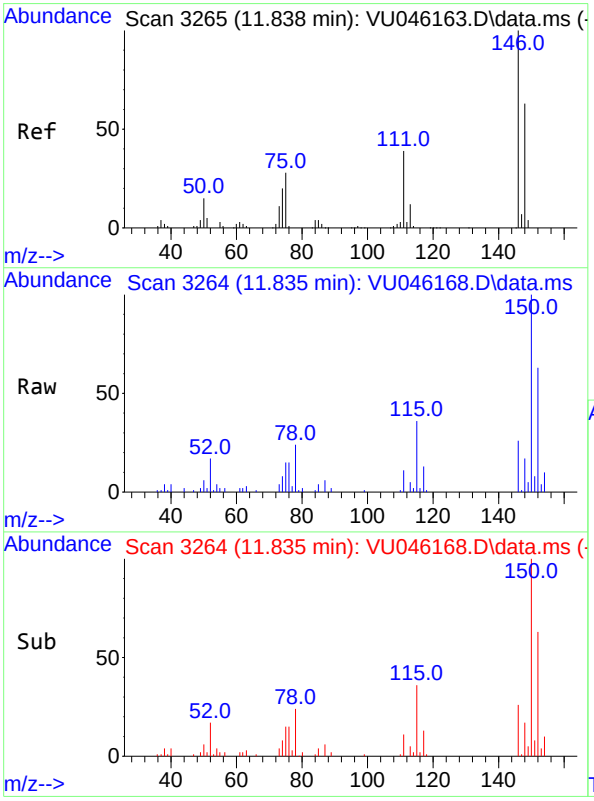
#63
1,2,4-Trimethylbenzene
Concen: 10.897 ug/L
RT: 11.468 min Scan# 3
Delta R.T. -0.003 min
Lab File: VU046168.D
Acq: 08 Dec 2021 12:13

Instrument :
MSVOA_U
ClientSampleId :
BGKS4

Tgt Ion:105 Resp: 62876

Ion	Ratio	Lower	Upper
105	100		
120	45.6	35.2	52.8

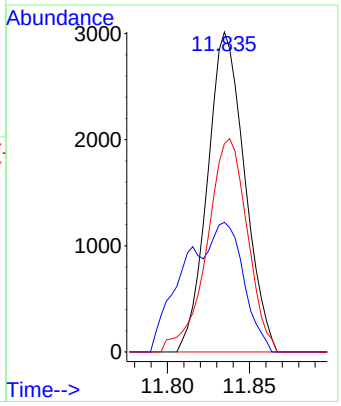


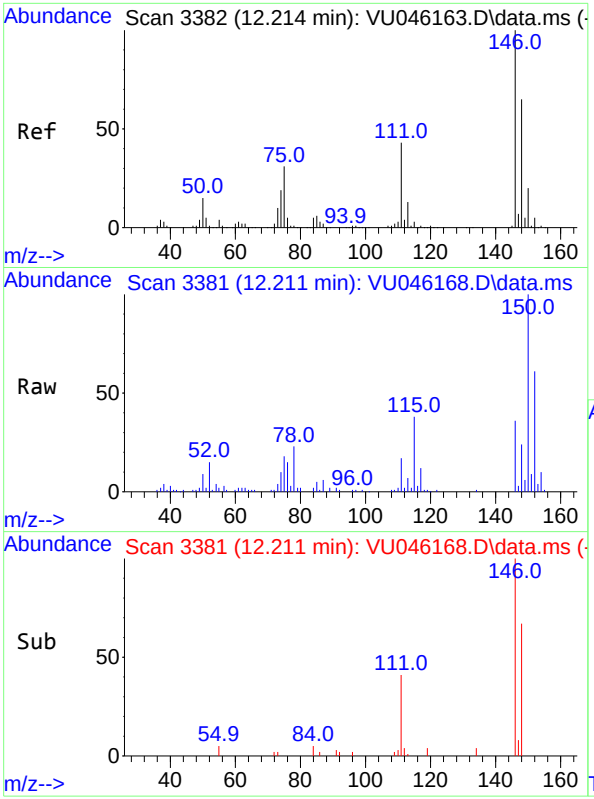


#65
1,4-Dichlorobenzene
Concen: 1.395 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.003 min
Lab File: VU046168.D
Acq: 08 Dec 2021 12:13

Tgt Ion:146 Resp: 4737

Ion	Ratio	Lower	Upper
146	100		
111	40.5	28.3	52.7
148	65.1	43.8	81.3





#67
1,2-Dichlorobenzene
Concen: 5.156 ug/L
RT: 12.211 min Scan# 3
Delta R.T. -0.003 min
Lab File: VU046168.D
Acq: 08 Dec 2021 12:13

Instrument :
MSVOA_U
ClientSampleId :
BGKS4

Tgt Ion:146 Resp: 17066

Ion	Ratio	Lower	Upper
146	100		
111	48.5	35.7	53.5
148	67.6	51.2	76.8