Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021474.D
Acq On : 18 Dec 2021 14:18
Operator : SY/VA
Sample : M5154-01
Misc : 6.31g/10.0mL/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL81

Quant Time: Dec 18 23:11:58 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Dec 18 00:55:20 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	173245	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	168033	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	95234	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	50915	16.137	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 64.560%			
7) Chloroethane-d5	2.879	69	30650	14.694	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 58.760%			
11) 1,1-Dichloroethene-d2	4.013	63	67509	16.049	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 64.200%			
21) 2-Butanone-d5	7.074	46	24583	55.272	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 110.540%			
24) Chloroform-d	7.647	84	98415	20.384	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 81.520%			
26) 1,2-Dichloroethane-d4	8.305	65	56037	21.820	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 87.280%			
32) Benzene-d6	8.275	84	198929	21.598	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 86.400%			
36) 1,2-Dichloropropane-d6	9.274	67	54801	22.185	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 88.760%			
41) Toluene-d8	10.323	98	197848	21.024	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 84.080%			
43) trans-1,3-Dichloroprop...	10.579	79	23717	20.853	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 83.400%			
47) 2-Hexanone-d5	10.921	63	21400	58.587	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 117.180%			
56) 1,1,2,2-Tetrachloroeth...	12.689	84	47147	22.203	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 88.800%			
66) 1,2-Dichlorobenzene-d4	13.853	152	73000	19.779	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 79.120%			
Target Compounds						Qvalue
13) Acetone	4.123	43	14240	35.714	ug/L	93
14) Carbon disulfide	4.379	76	15509	2.797	ug/L	99
22) 2-Butanone	7.171	43	3568	6.852	ug/L	95
35) Methylcyclohexane	9.335	83	3138	0.740	ug/L #	67
42) Toluene	10.390	91	14061	1.313	ug/L	89
51) Chlorobenzene	11.658	112	7991	1.115	ug/L	95
52) Ethylbenzene	11.731	91	264433	21.615	ug/L	93
53) m,p-Xylene	11.835	106	359922	72.929	ug/L	88
54) o-Xylene	12.164	106	85794	18.317	ug/L	98
60) Isopropylbenzene	12.463	105	62614	4.839	ug/L	97
62) 1,3,5-Trimethylbenzene	12.938	105	304026	27.610	ug/L	95
63) 1,2,4-Trimethylbenzene	13.249	105	1115494	102.691	ug/L	94
64) 1,3-Dichlorobenzene	13.499	146	2939	0.482	ug/L #	57
65) 1,4-Dichlorobenzene	13.573	146	17780	2.932	ug/L #	87
67) 1,2-Dichlorobenzene	13.865	146	115043	21.409	ug/L	94
70) 1,2,4-trichlorobenzene	15.133	180	12358	3.368	ug/L #	69
72) 1,2,3-Trichlorobenzene	15.548	180	2389	0.788	ug/L #	82

Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021474.D
Acq On : 18 Dec 2021 14:18
Operator : SY/VA
Sample : M5154-01
Misc : 6.31g/10.0mL/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL81

Quant Time: Dec 18 23:11:58 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Dec 18 00:55:20 2021
Response via : Initial Calibration

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

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021474.D
Acq On : 18 Dec 2021 14:18
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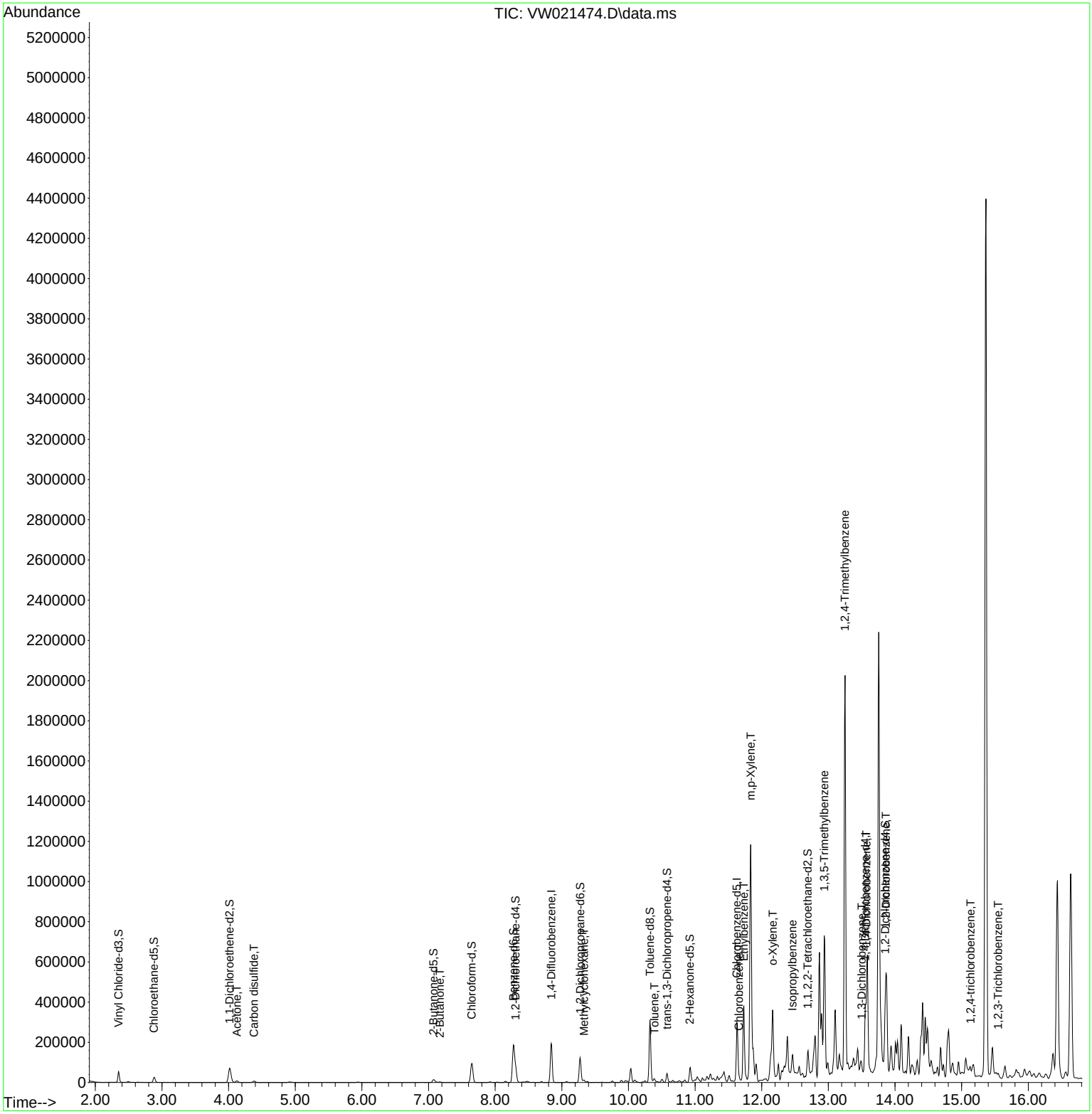
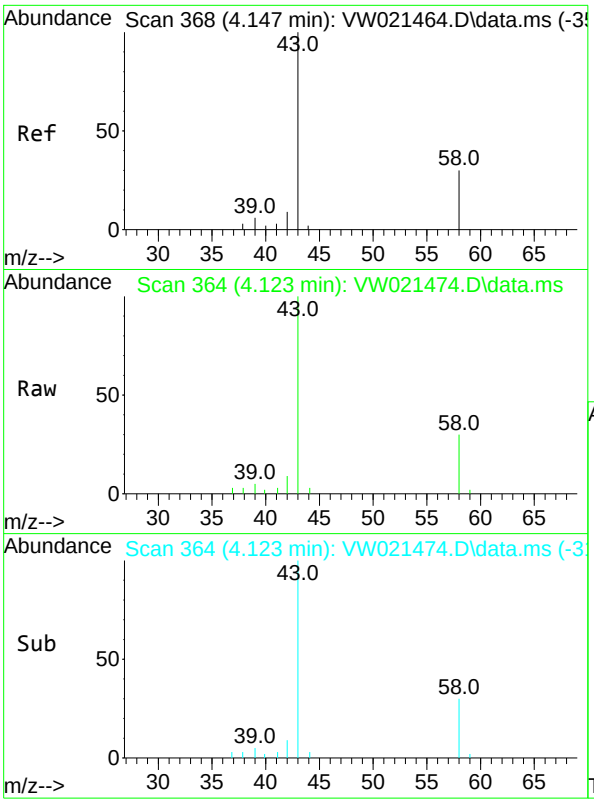
Quant Time: Dec 18 23:11:58 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Dec 18 00:55:20 2021
Response via : Initial Calibration



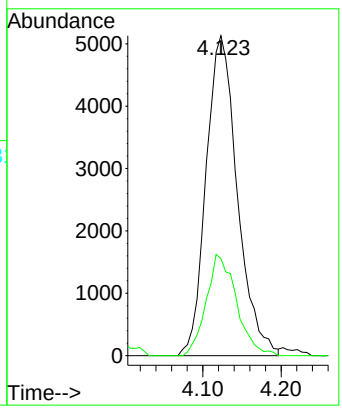


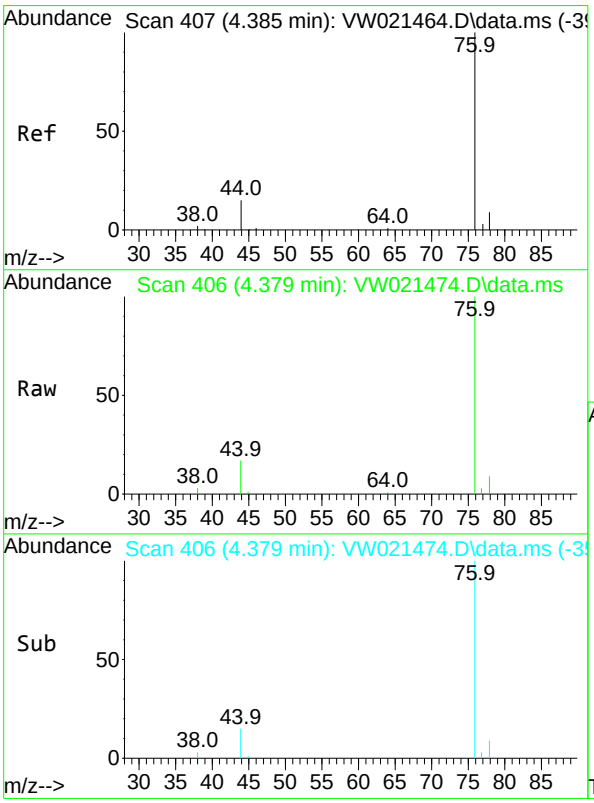
#13
Acetone
Concen: 35.714 ug/L
RT: 4.123 min Scan# 3
Delta R.T. 0.006 min
Lab File: VW021474.D
Acq: 18 Dec 2021 14:18

Instrument :
MSVOA_W
ClientSampleId :
BGL81

Tgt Ion: 43 Resp: 14240

Ion	Ratio	Lower	Upper
43	100		
58	30.2	0.0	52.8

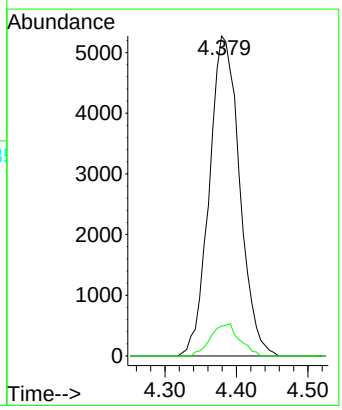


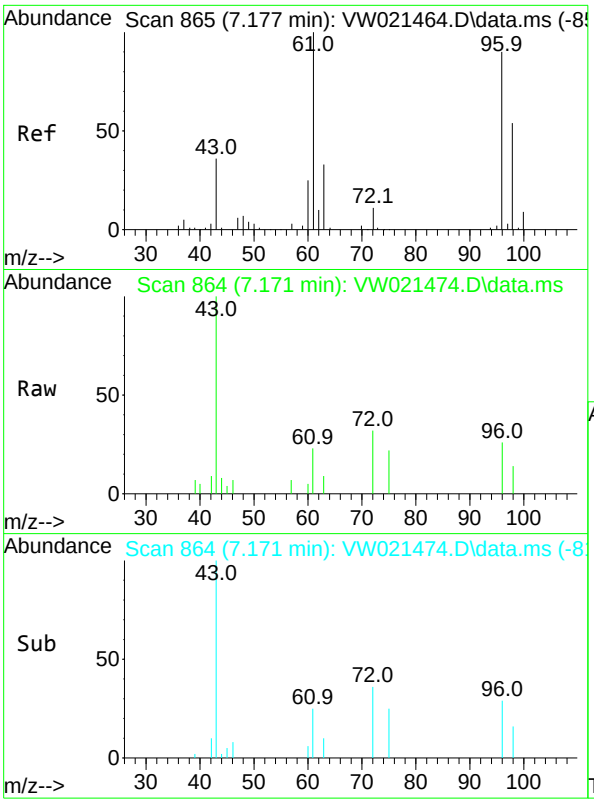


#14
Carbon disulfide
Concen: 2.797 ug/L
RT: 4.379 min Scan# 406
Delta R.T. 0.000 min
Lab File: VW021474.D
Acq: 18 Dec 2021 14:18

Tgt Ion: 76 Resp: 15509

Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.1	10.7



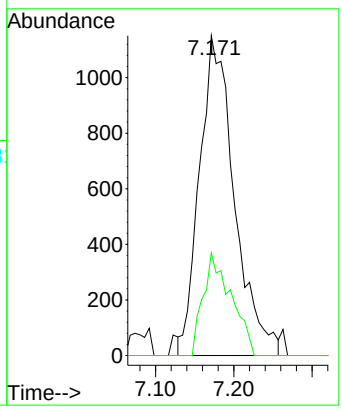


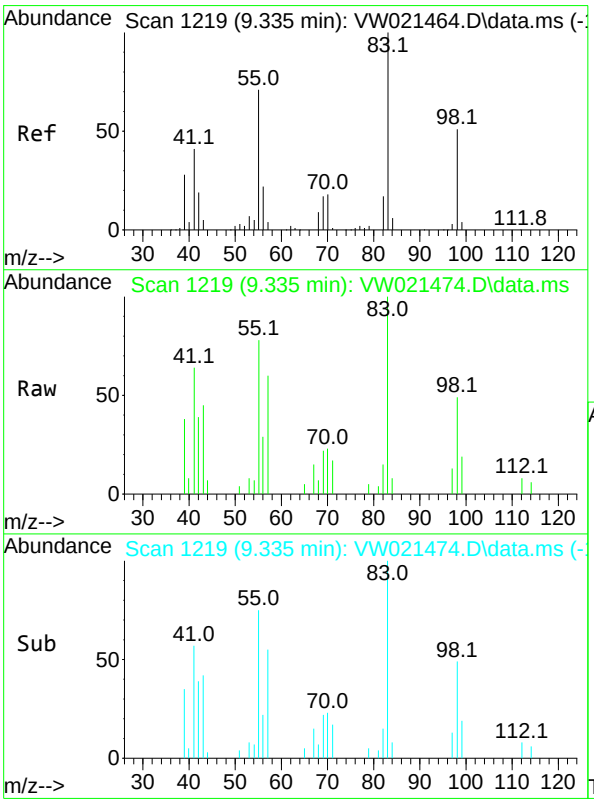
#22
2-Butanone
Concen: 6.852 ug/L
RT: 7.171 min Scan# 8
Delta R.T. 0.006 min
Lab File: VW021474.D
Acq: 18 Dec 2021 14:18

Instrument :
MSVOA_W
ClientSampleId :
BGL81

Tgt Ion: 43 Resp: 3568

Ion	Ratio	Lower	Upper
43	100		
72	25.8	11.8	35.4

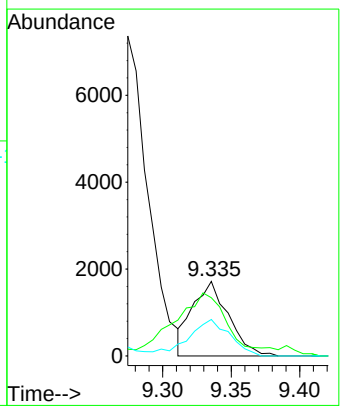


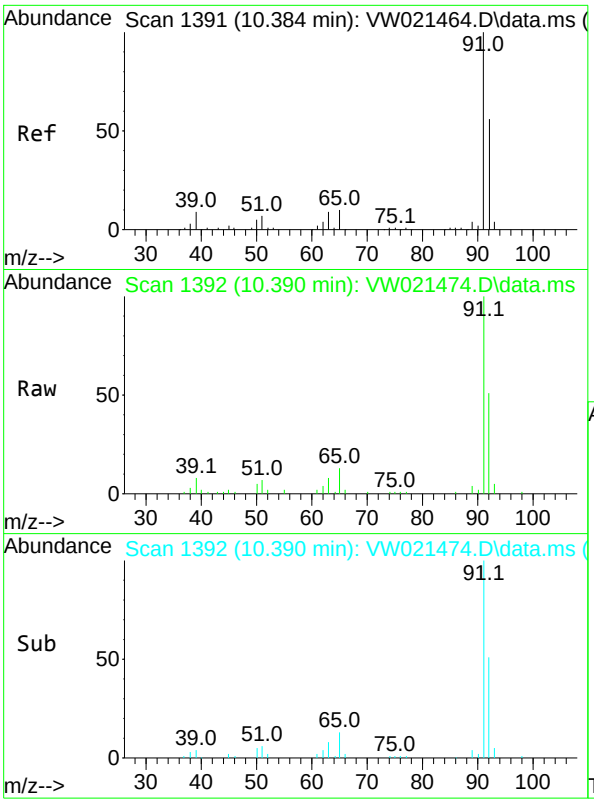


#35
Methylcyclohexane
Concen: 0.740 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW021474.D
Acq: 18 Dec 2021 14:18

Tgt Ion: 83 Resp: 3138

Ion	Ratio	Lower	Upper
83	100		
55	128.8	70.8	106.2#
98	55.7	37.7	56.5



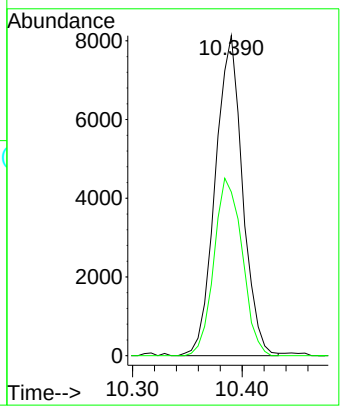


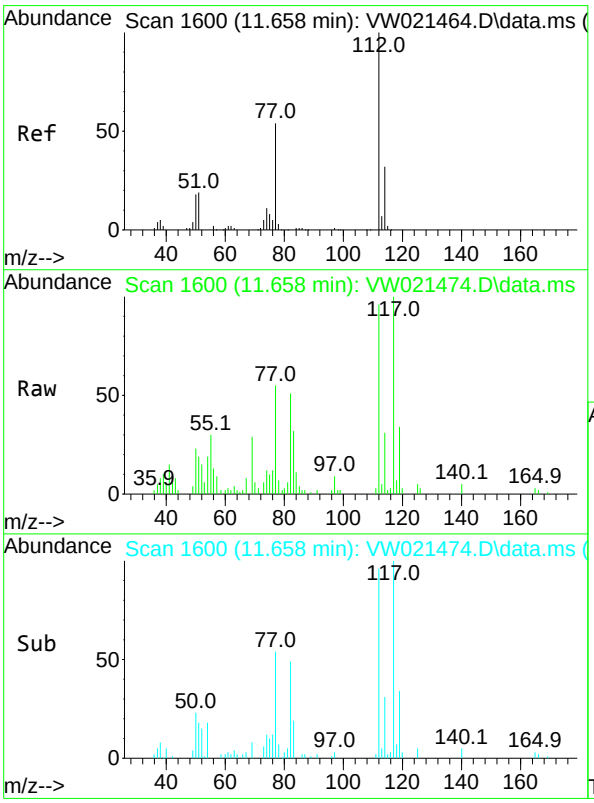
#42
Toluene
Concen: 1.313 ug/L
RT: 10.390 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW021474.D
Acq: 18 Dec 2021 14:18

Instrument :
MSVOA_W
ClientSampleId :
BGL81

Tgt Ion: 91 Resp: 14061

Ion	Ratio	Lower	Upper
91	100		
92	51.1	41.7	77.5

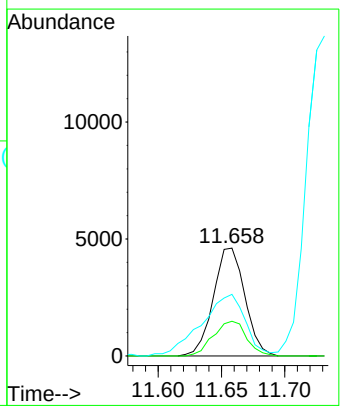


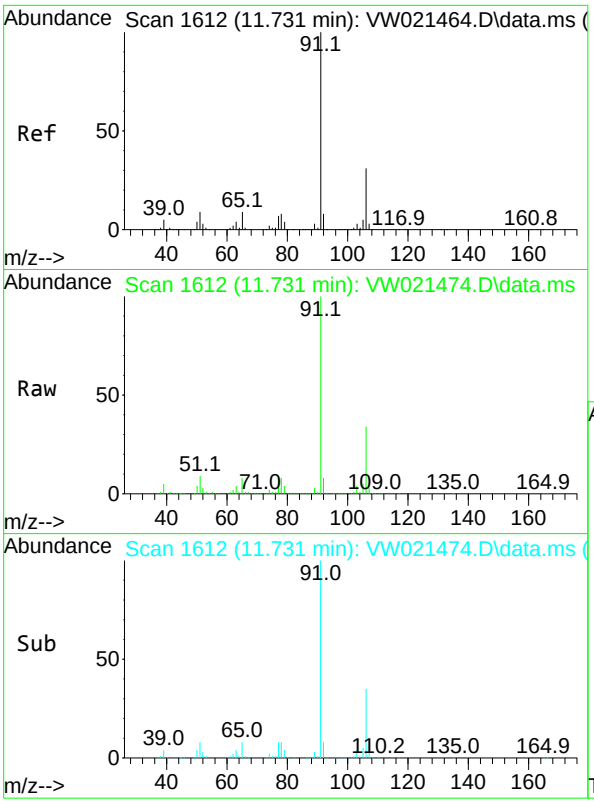


#51
Chlorobenzene
Concen: 1.115 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VW021474.D
Acq: 18 Dec 2021 14:18

Tgt Ion:112 Resp: 7991

Ion	Ratio	Lower	Upper
112	100		
114	32.1	22.4	41.6
77	57.1	50.2	75.4



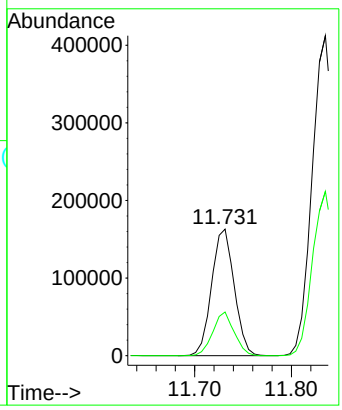


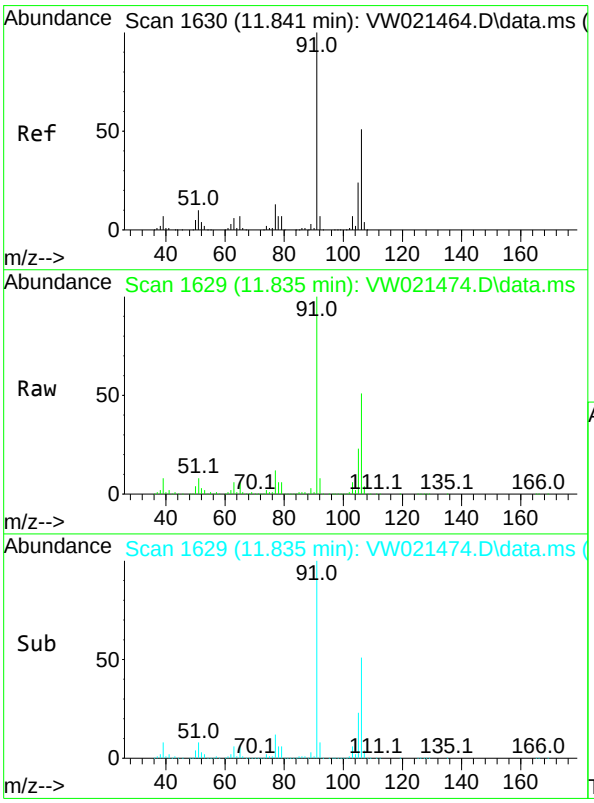
#52
Ethylbenzene
Concen: 21.615 ug/L
RT: 11.731 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW021474.D
Acq: 18 Dec 2021 14:18

Instrument :
MSVOA_W
ClientSampleId :
BGL81

Tgt Ion: 91 Resp: 264433

Ion	Ratio	Lower	Upper
91	100		
106	34.5	21.5	39.9

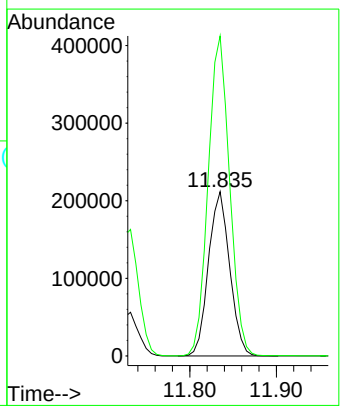


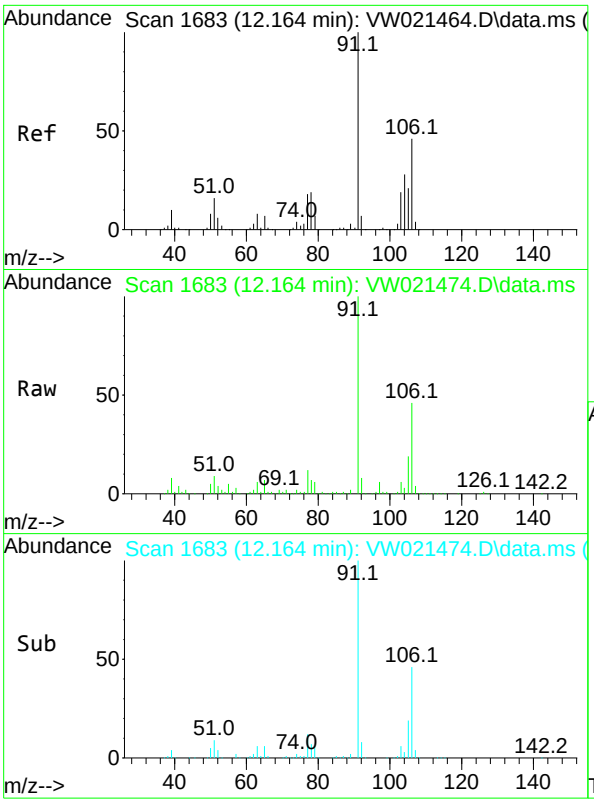


#53
m,p-Xylene
Concen: 72.929 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW021474.D
Acq: 18 Dec 2021 14:18

Tgt Ion:106 Resp: 359922

Ion	Ratio	Lower	Upper
106	100		
91	194.7	149.9	278.3



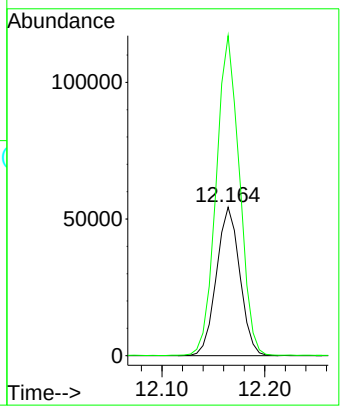


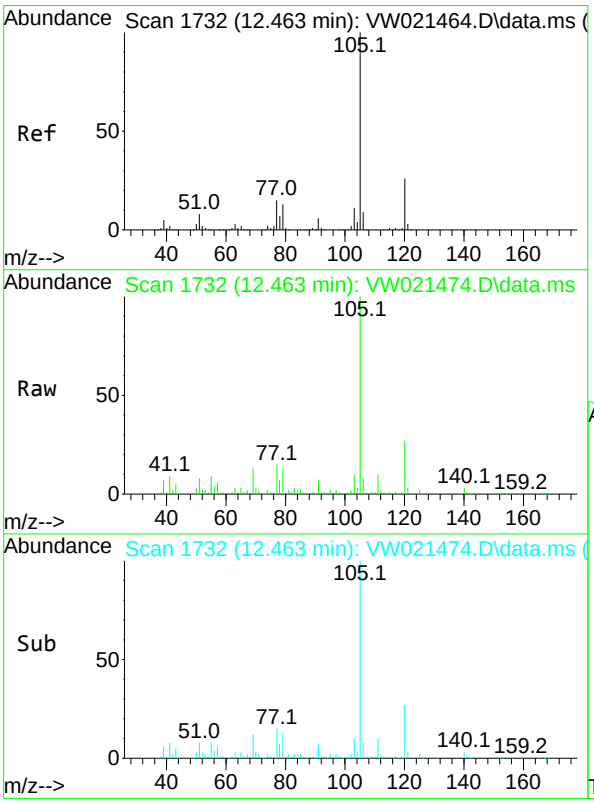
#54
o-Xylene
Concen: 18.317 ug/L
RT: 12.164 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW021474.D
Acq: 18 Dec 2021 14:18

Instrument :
MSVOA_W
ClientSampleId :
BGL81

Tgt Ion:106 Resp: 85794

Ion	Ratio	Lower	Upper
106	100		
91	215.6	153.6	285.3

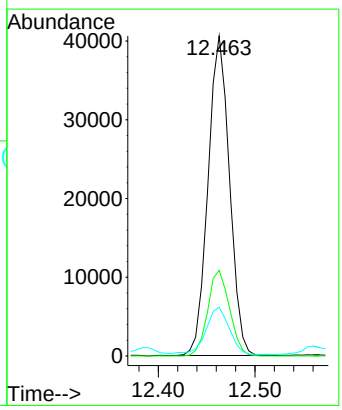


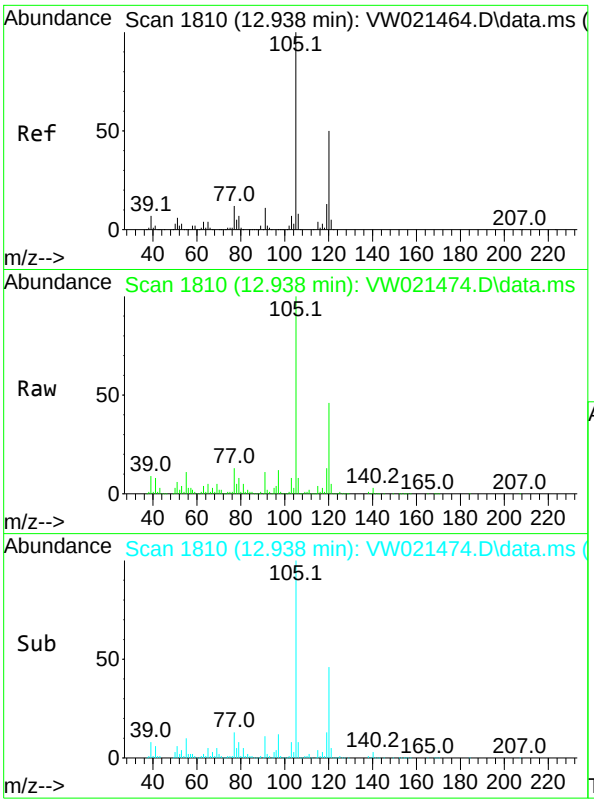


#60
Isopropylbenzene
Concen: 4.839 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW021474.D
Acq: 18 Dec 2021 14:18

Tgt Ion:105 Resp: 62614

Ion	Ratio	Lower	Upper
105	100		
120	27.2	20.1	30.1
77	16.2	13.8	20.8



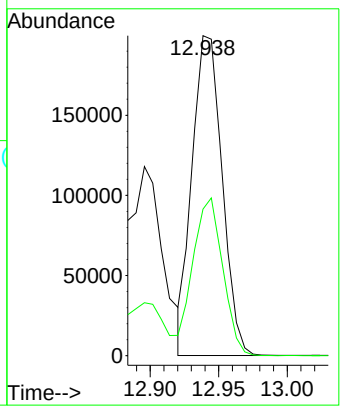


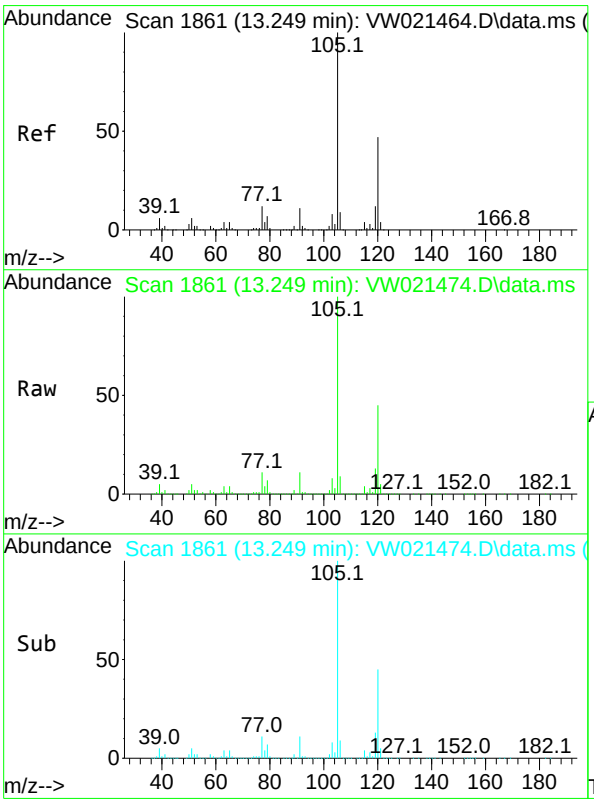
#62
1,3,5-Trimethylbenzene
Concen: 27.610 ug/L
RT: 12.938 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW021474.D
Acq: 18 Dec 2021 14:18

Instrument :
MSVOA_W
ClientSampleId :
BGL81

Tgt Ion:105 Resp: 304026

Ion	Ratio	Lower	Upper
105	100		
120	50.3	37.4	56.2

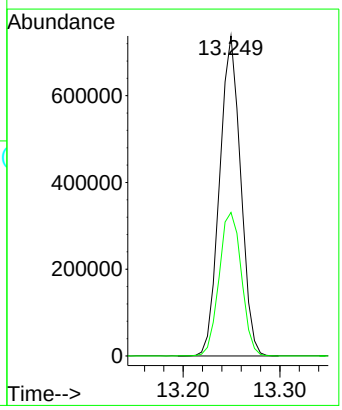


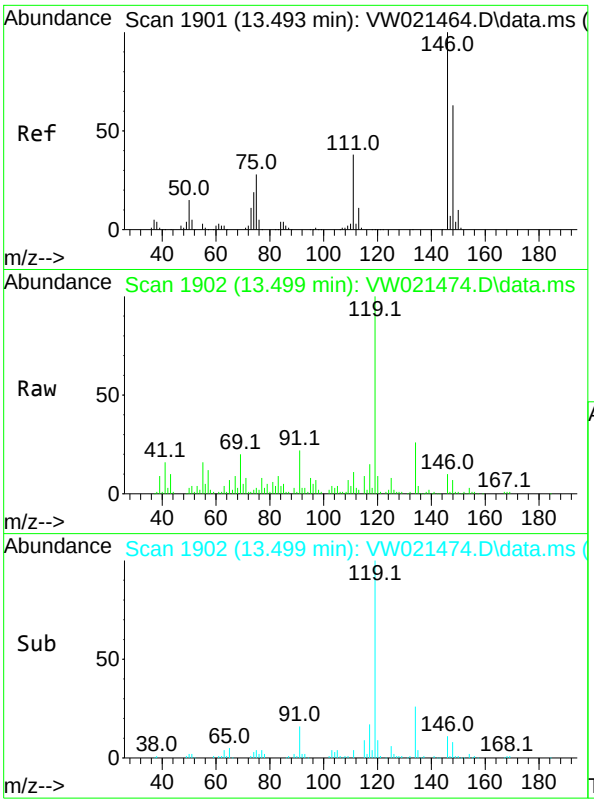


#63
1,2,4-Trimethylbenzene
Concen: 102.691 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW021474.D
Acq: 18 Dec 2021 14:18

Tgt Ion:105 Resp: 1115494

Ion	Ratio	Lower	Upper
105	100		
120	47.6	35.0	52.6



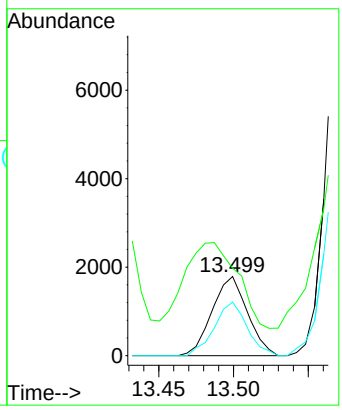


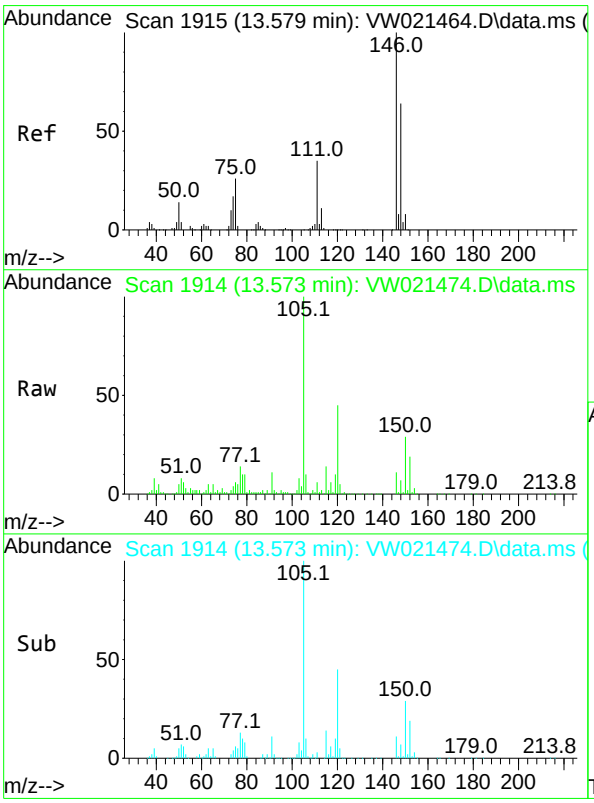
#64
1,3-Dichlorobenzene
Concen: 0.482 ug/L
RT: 13.499 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW021474.D
Acq: 18 Dec 2021 14:18

Instrument :
MSVOA_W
ClientSampleId :
BGL81

Tgt Ion:146 Resp: 2939

Ion	Ratio	Lower	Upper
146	100		
111	110.6	29.8	55.3#
148	67.7	46.2	85.8

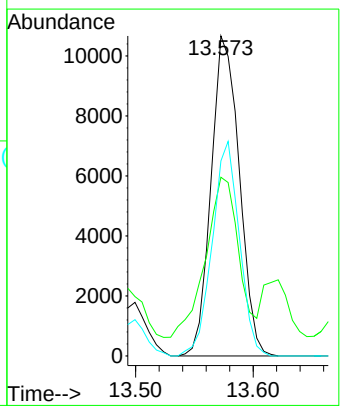


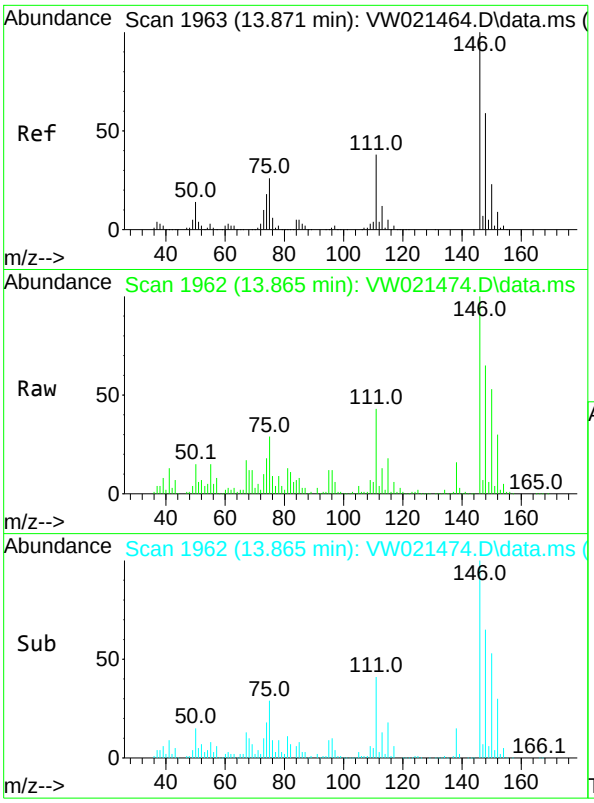


#65
1,4-Dichlorobenzene
Concen: 2.932 ug/L
RT: 13.573 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW021474.D
Acq: 18 Dec 2021 14:18

Tgt Ion:146 Resp: 17780

Ion	Ratio	Lower	Upper
146	100		
111	55.9	29.0	53.9#
148	60.9	46.9	87.1



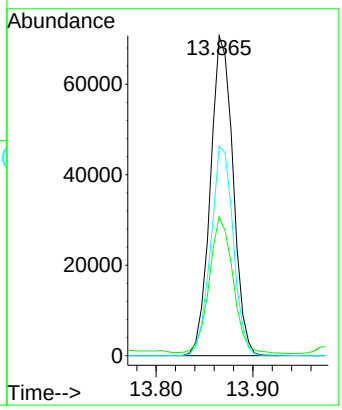


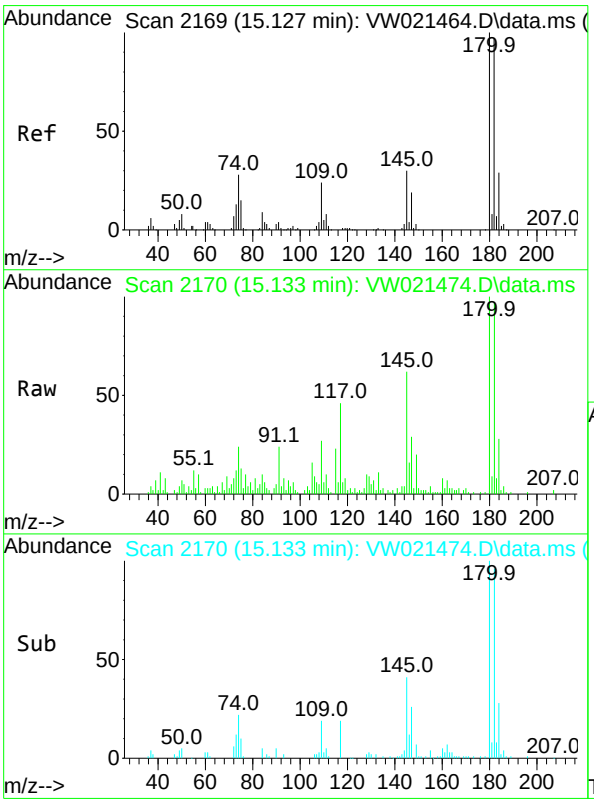
#67
1,2-Dichlorobenzene
Concen: 21.409 ug/L
RT: 13.865 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW021474.D
Acq: 18 Dec 2021 14:18

Instrument :
MSVOA_W
ClientSampleId :
BGL81

Tgt Ion:146 Resp: 115043

Ion	Ratio	Lower	Upper
146	100		
111	43.4	33.1	49.7
148	65.5	47.4	71.2

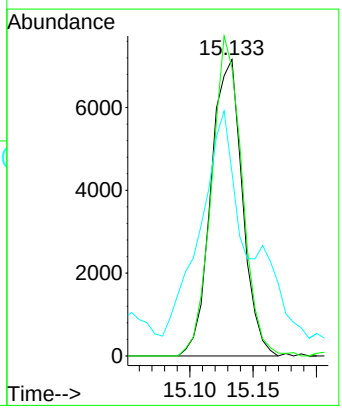


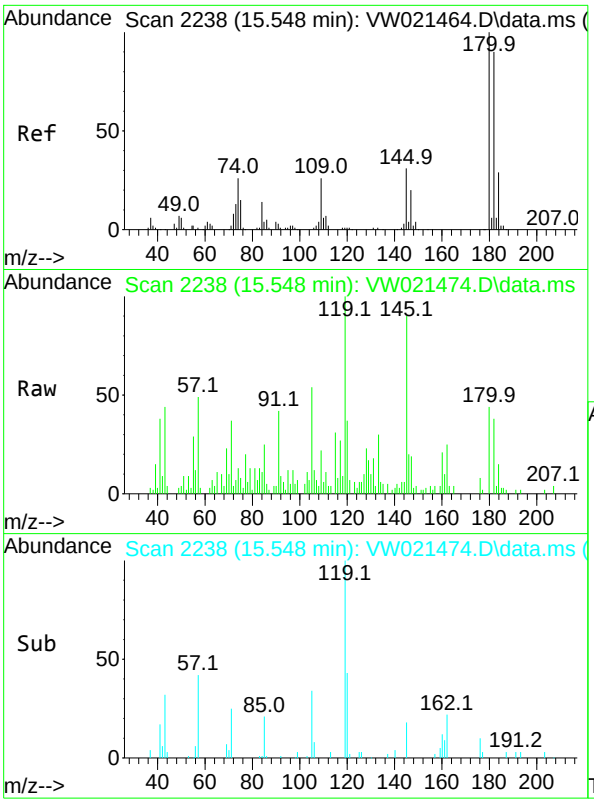


#70
1,2,4-trichlorobenzene
Concen: 3.368 ug/L
RT: 15.133 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VW021474.D
Acq: 18 Dec 2021 14:18

Tgt Ion:180 Resp: 12358

Ion	Ratio	Lower	Upper
180	100		
182	104.5	79.0	118.6
145	93.1	26.0	39.0#





#72
1,2,3-Trichlorobenzene
Concen: 0.788 ug/L
RT: 15.548 min Scan# 2
Delta R.T. 0.000 min
Lab File: VW021474.D
Acq: 18 Dec 2021 14:18

Instrument :
MSVOA_W
ClientSampleId :
BGL81

Tgt Ion:180 Resp: 2389

Ion	Ratio	Lower	Upper
180	100		
182	93.2	76.6	114.8
145	0.0	27.4	41.0#