Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101421\
Data File : VW020515.D
Acq On : 15 Oct 2021 01:12
Operator : SY/VA
Sample : M4210-03
Misc : 4.22g/10mL/MSVOA_W/SOIL
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JDGC3

Quant Time: Oct 15 01:34:16 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Oct 15 00:58:32 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	199553	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	132342	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	36775	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	70025	24.116	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 96.480%			
7) Chloroethane-d5	2.879	69	38152	24.874	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 99.480%			
11) 1,1-Dichloroethene-d2	4.013	63	100963	16.969	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 67.880%			
21) 2-Butanone-d5	7.080	46	37752	42.721	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 85.440%			
24) Chloroform-d	7.653	84	144623	22.736	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 90.960%			
26) 1,2-Dichloroethane-d4	8.305	65	79080	21.767	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 87.080%			
32) Benzene-d6	8.275	84	268505	30.844	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 123.360%			
36) 1,2-Dichloropropane-d6	9.274	67	86302	30.419	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 121.680%#			
41) Toluene-d8	10.323	98	196240	25.124	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 100.480%			
43) trans-1,3-Dichloroprop...	10.579	79	25472	22.093	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 88.360%			
47) 2-Hexanone-d5	10.927	63	23771	54.464	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 108.920%			
56) 1,1,2,2-Tetrachloroeth...	12.695	84	41696	19.443	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 77.760%			
66) 1,2-Dichlorobenzene-d4	13.853	152	27881	19.381	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 77.520%			
Target Compounds						Qvalue
13) Acetone	4.123	43	56282	69.371	ug/L	98
14) Carbon disulfide	4.385	76	10467	1.147	ug/L	98
15) Methyl Acetate	4.684	43	2619	1.738	ug/L #	76
16) Methylene chloride	4.915	84	20894	5.386	ug/L	99
22) 2-Butanone	7.177	43	90118	88.736	ug/L	96
33) Benzene	8.330	78	8035	0.852	ug/L	100
34) Trichloroethene	8.848	95	6434	2.771	ug/L #	8
37) 1,2-Dichloropropane	9.274	63	10338	4.235	ug/L #	87
39) cis-1,3-Dichloropropene	10.037	75	1999	0.594	ug/L #	75
40) 4-Methyl-2-pentanone	10.213	43	3853	2.630	ug/L #	80
42) Toluene	10.390	91	132318	13.995	ug/L	100
48) 2-Hexanone	10.969	43	2397	2.230	ug/L #	83
52) Ethylbenzene	11.731	91	45012	4.390	ug/L	99
53) m,p-Xylene	11.835	106	10573	2.783	ug/L	90
54) o-Xylene	12.164	106	4648	1.325	ug/L	98
55) Styrene	12.182	104	17016	2.774	ug/L	96
60) Isopropylbenzene	12.865	105	5676	1.052	ug/L	95
62) 1,3,5-Trimethylbenzene	12.945	105	3228	0.732	ug/L	89
65) 1,4-Dichlorobenzene	13.579	146	201458	83.397	ug/L	96

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Instrument : MSVOA_W
ClientSampleId : JDGC3

Quant Time: Oct 15 01:34:16 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Oct 15 00:58:32 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
71) Naphthalene	15.365	128	1671	0.705	ug/L #	96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101421\
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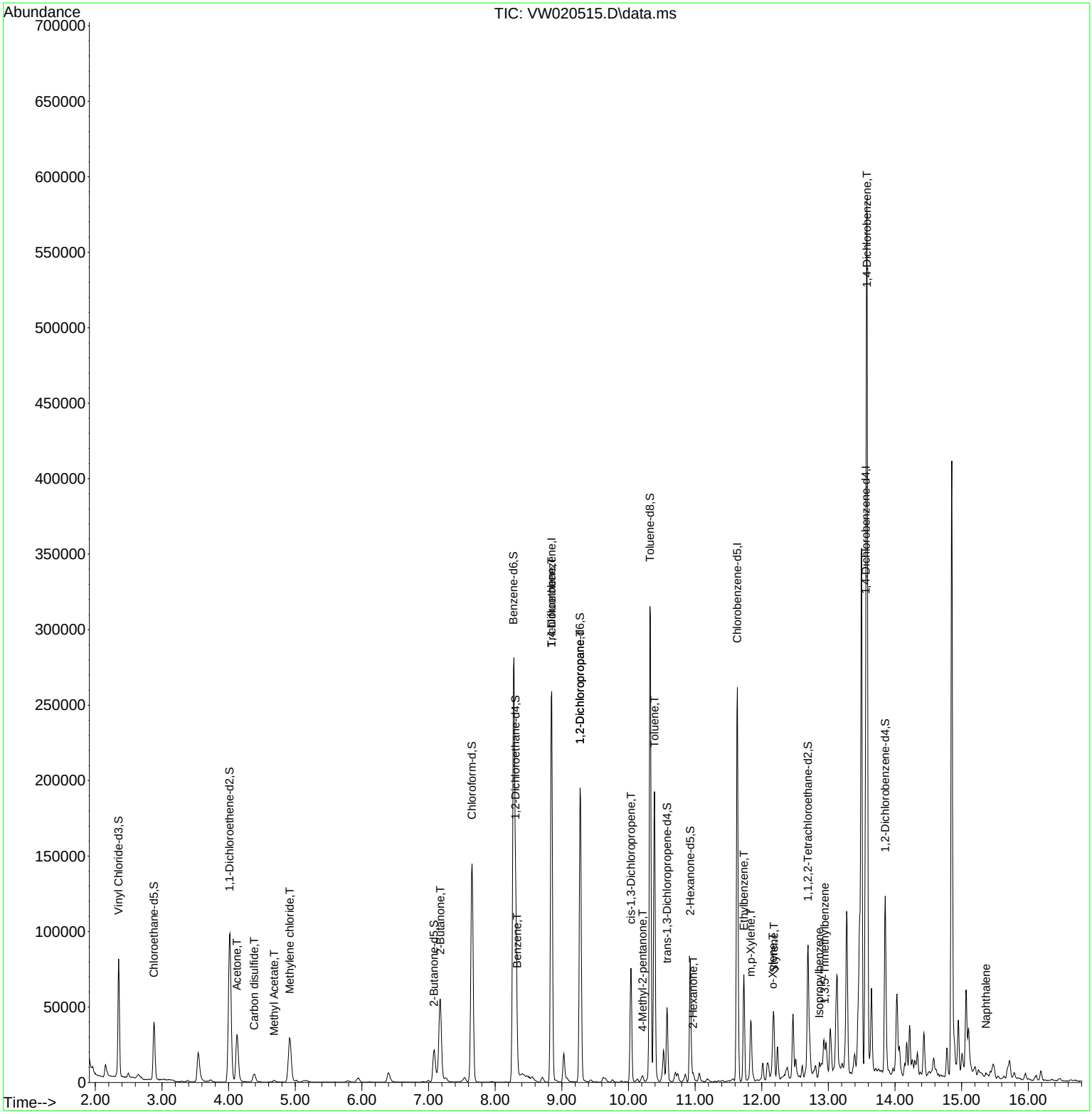
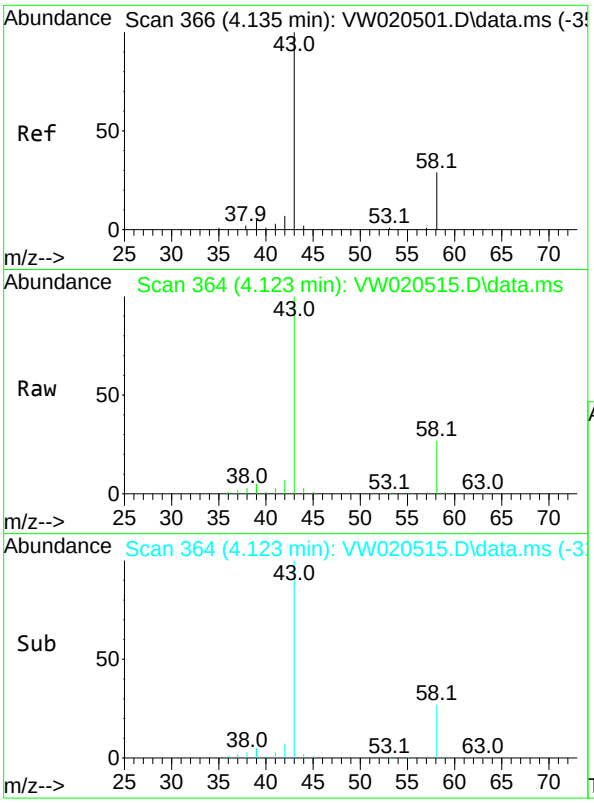
MSVOA_W
ClientSampleId :
JDGC3

Quant Time: Oct 15 01:34:16 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Oct 15 00:58:32 2021
Response via : Initial Calibration



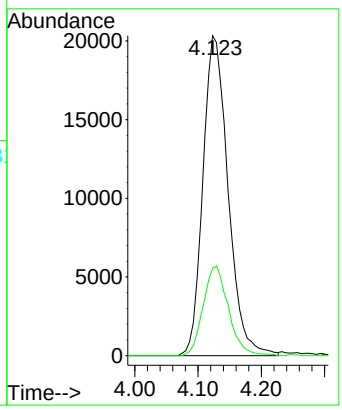
Instrument :
MSVOA_W
ClientSampleId :
JDGC3

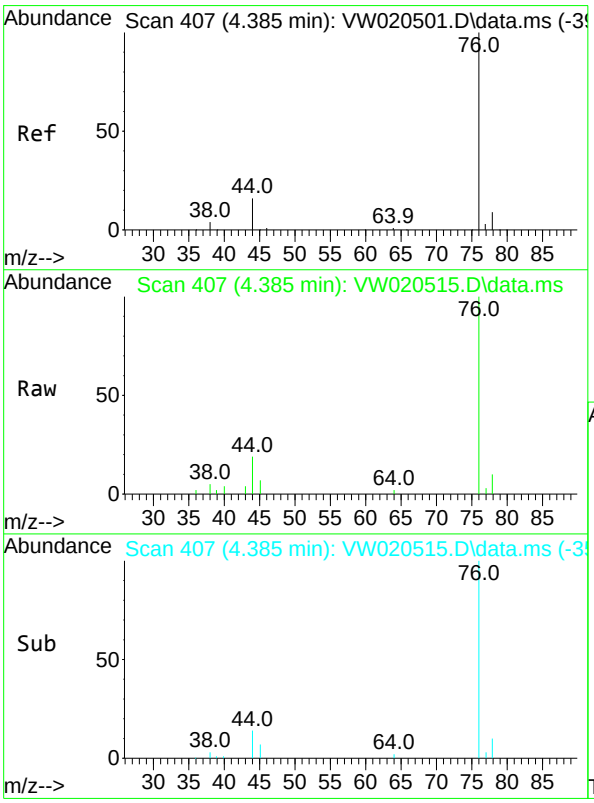


#13
Acetone
Concen: 69.371 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.012 min
Lab File: VW020515.D
Acq: 15 Oct 2021 01:12

Tgt Ion: 43 Resp: 56282

Ion	Ratio	Lower	Upper
43	100		
58	28.1	0.0	58.4

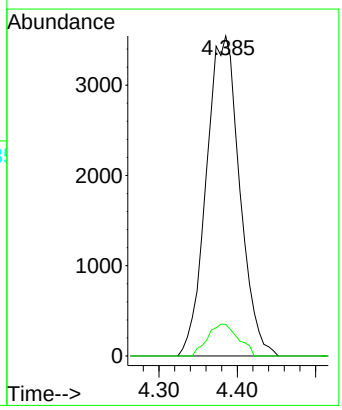




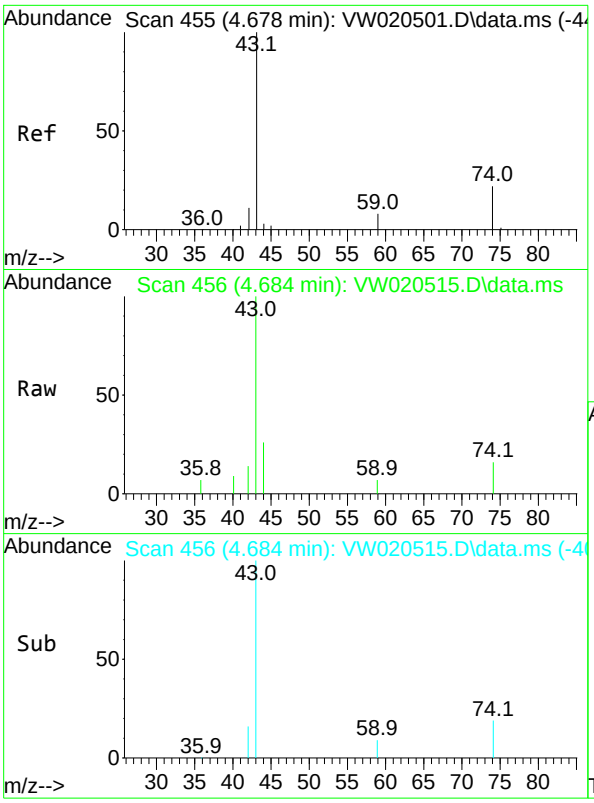
#14
Carbon disulfide
Concen: 1.147 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW020515.D
Acq: 15 Oct 2021 01:12

Tgt Ion: 76 Resp: 10467

Ion	Ratio	Lower	Upper
76	100		
78	9.9	7.4	11.2



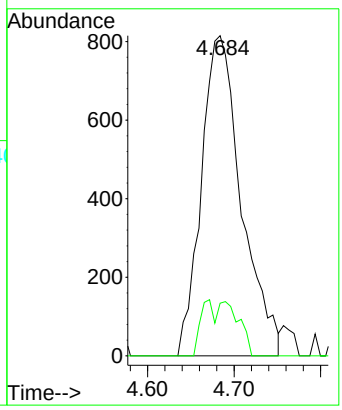
Instrument :
MSVOA_W
ClientSampleId :
JDGC3

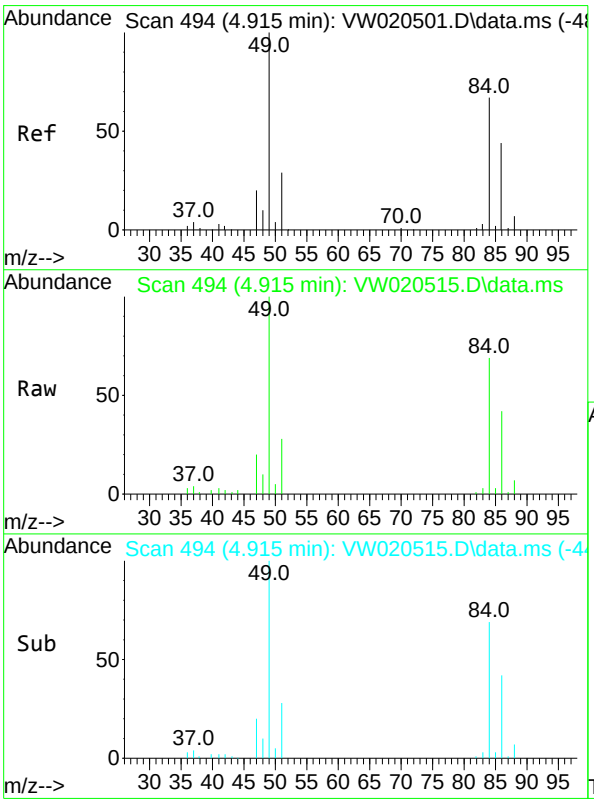


#15
Methyl Acetate
Concen: 1.738 ug/L
RT: 4.684 min Scan# 456
Delta R.T. 0.006 min
Lab File: VW020515.D
Acq: 15 Oct 2021 01:12

Tgt Ion: 43 Resp: 2619

Ion	Ratio	Lower	Upper
43	100		
74	8.9	16.1	24.1#

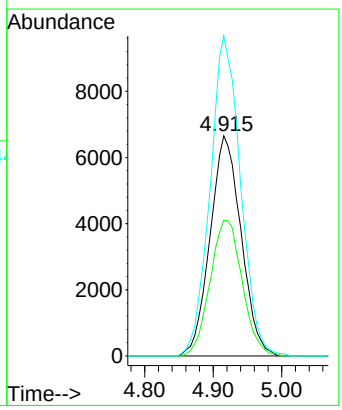




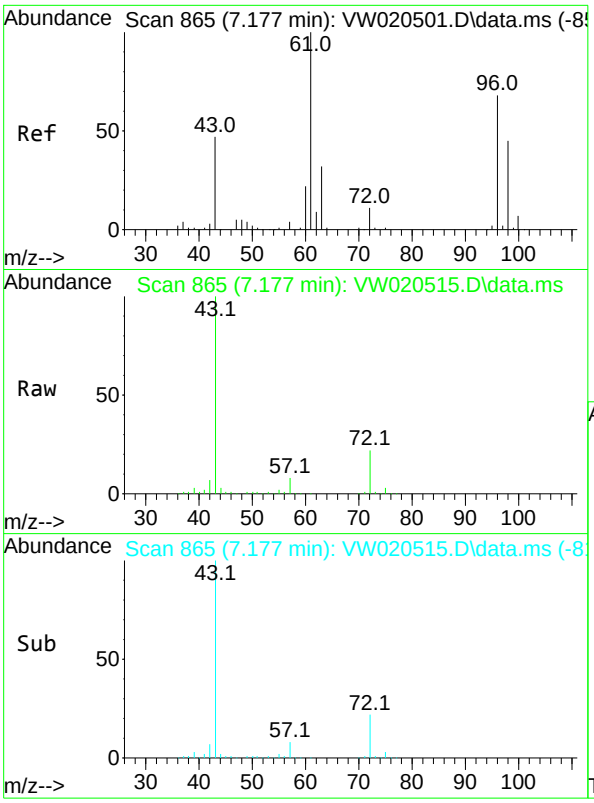
#16
Methylene chloride
Concen: 5.386 ug/L
RT: 4.915 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW020515.D
Acq: 15 Oct 2021 01:12

Tgt Ion: 84 Resp: 20894

Ion	Ratio	Lower	Upper
84	100		
86	61.7	44.7	83.1
49	145.4	101.7	188.9



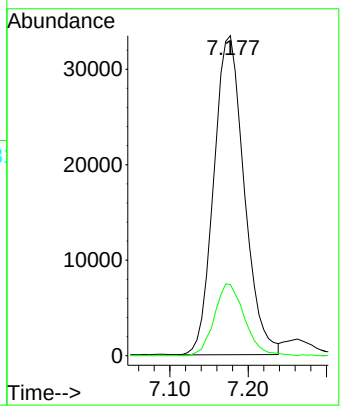
Instrument :
MSVOA_W
ClientSampleId :
JDGC3

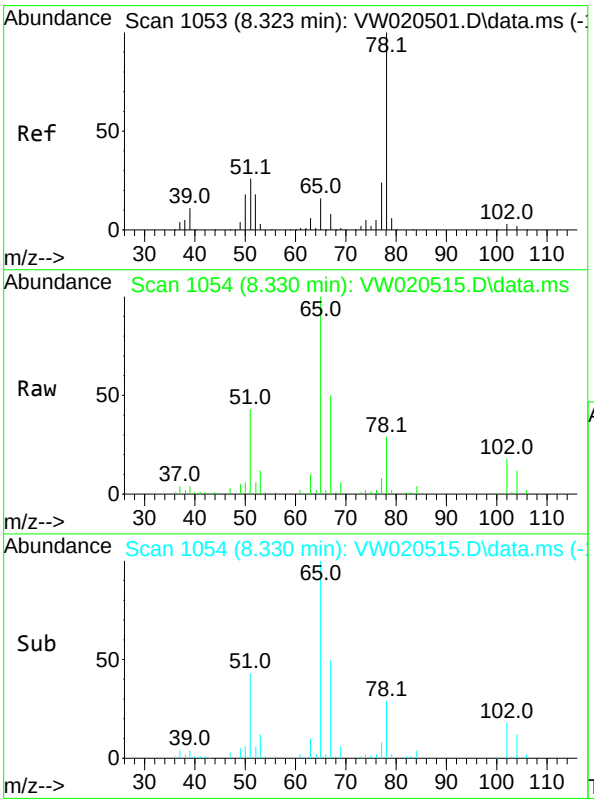


#22
2-Butanone
Concen: 88.736 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.000 min
Lab File: VW020515.D
Acq: 15 Oct 2021 01:12

Tgt Ion: 43 Resp: 90118

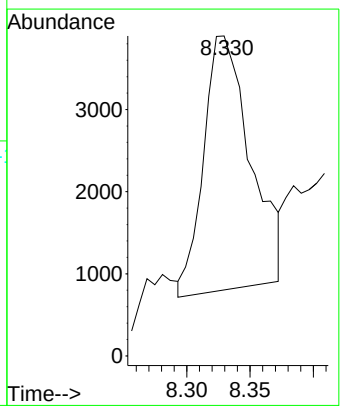
Ion	Ratio	Lower	Upper
43	100		
72	22.3	12.2	36.6



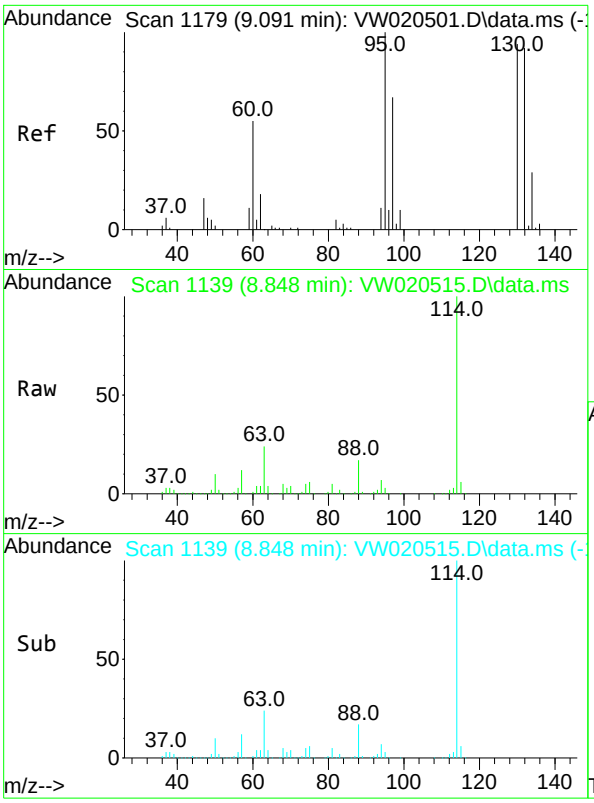


#33
Benzene
Concen: 0.852 ug/L
RT: 8.330 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VW020515.D
Acq: 15 Oct 2021 01:12

Tgt Ion: 78 Resp: 8035



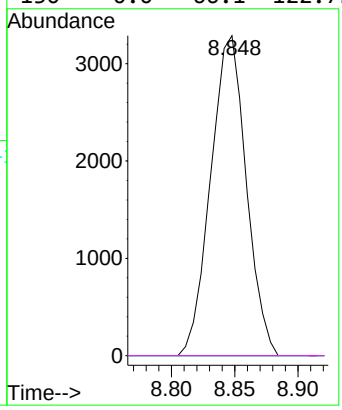
Instrument :
MSVOA_W
ClientSampleId :
JDGC3

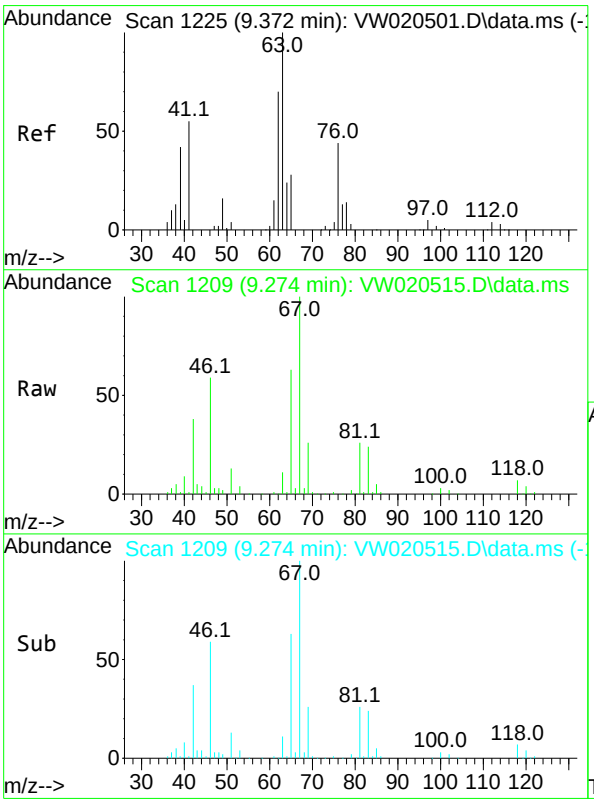


#34
Trichloroethene
Concen: 2.771 ug/L
RT: 8.848 min Scan# 1139
Delta R.T. -0.244 min
Lab File: VW020515.D
Acq: 15 Oct 2021 01:12

Tgt Ion: 95 Resp: 6434

Ion	Ratio	Lower	Upper
95	100		
97	0.0	43.2	80.2#
132	0.0	62.3	115.7#
130	0.0	66.1	122.7#

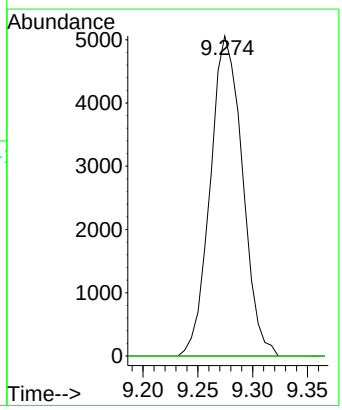




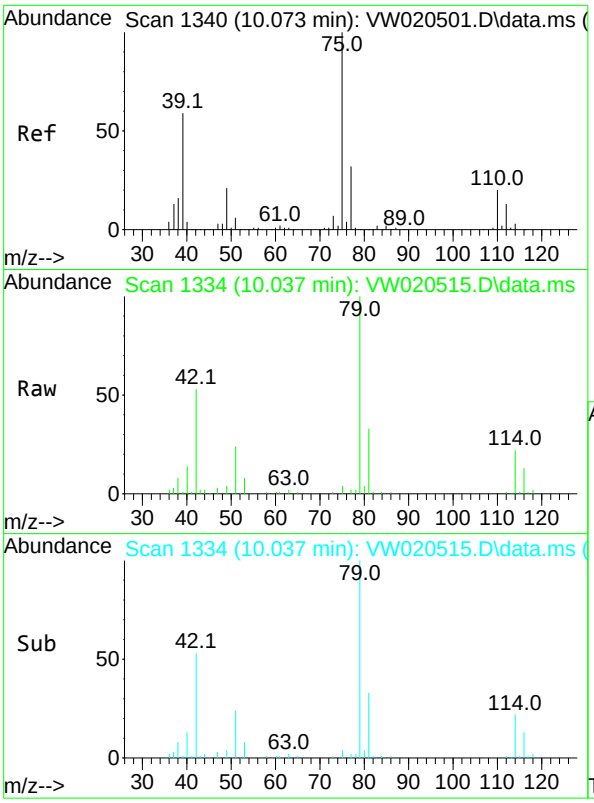
#37
1,2-Dichloropropane
Concen: 4.235 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.097 min
Lab File: VW020515.D
Acq: 15 Oct 2021 01:12

Tgt Ion: 63 Resp: 10338

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#



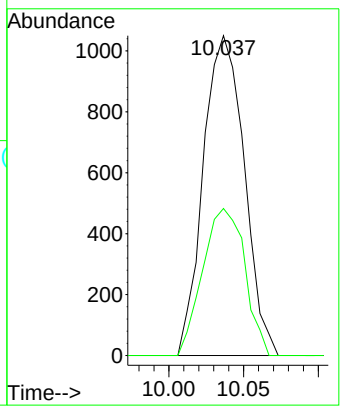
Instrument :
MSVOA_W
ClientSampleId :
JDGC3

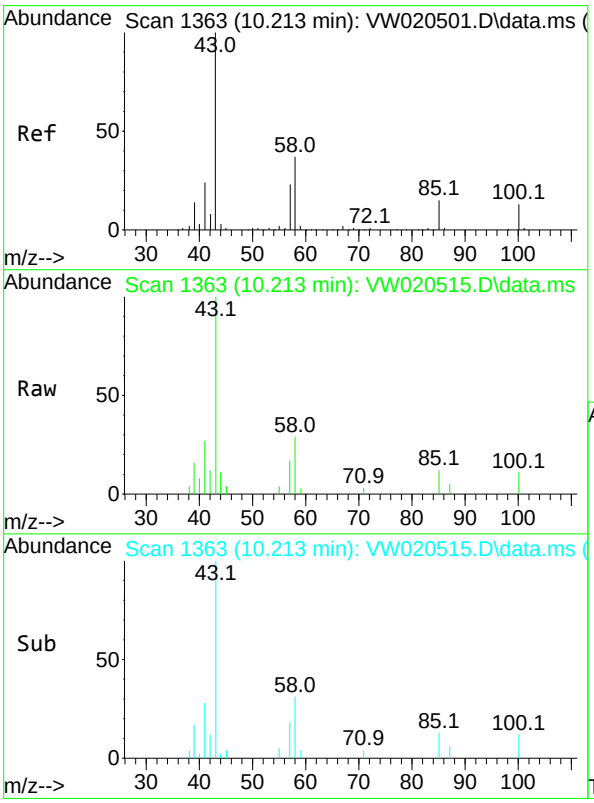


#39
cis-1,3-Dichloropropene
Concen: 0.594 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.036 min
Lab File: VW020515.D
Acq: 15 Oct 2021 01:12

Tgt Ion: 75 Resp: 1999

Ion	Ratio	Lower	Upper
75	100		
77	46.0	22.4	41.6#

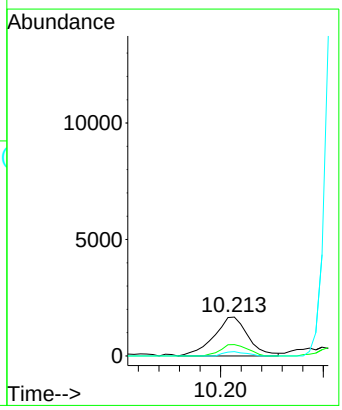




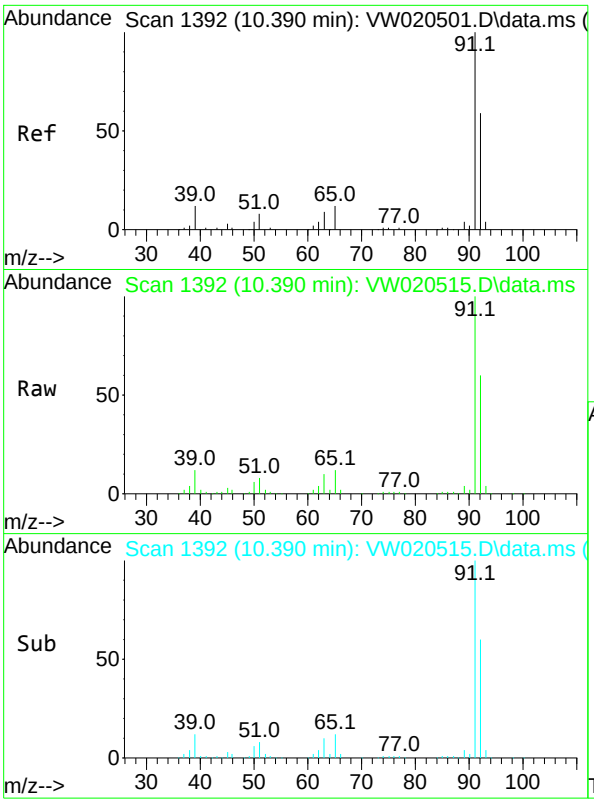
#40
4-Methyl-2-pentanone
Concen: 2.630 ug/L
RT: 10.213 min Scan# 1363
Delta R.T. 0.000 min
Lab File: VW020515.D
Acq: 15 Oct 2021 01:12

Tgt Ion: 43 Resp: 3853

Ion	Ratio	Lower	Upper
43	100		
58	23.3	29.0	43.4#
100	7.2	10.2	15.4#



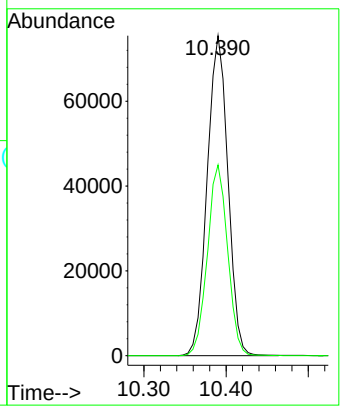
Instrument :
MSVOA_W
ClientSampleId :
JDGC3

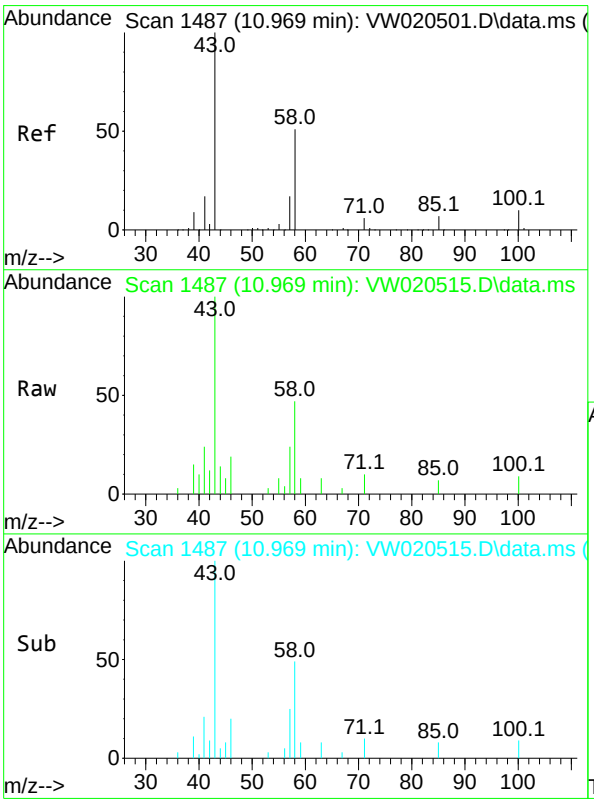


#42
Toluene
Concen: 13.995 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW020515.D
Acq: 15 Oct 2021 01:12

Tgt Ion: 91 Resp: 132318

Ion	Ratio	Lower	Upper
91	100		
92	59.6	41.5	77.1

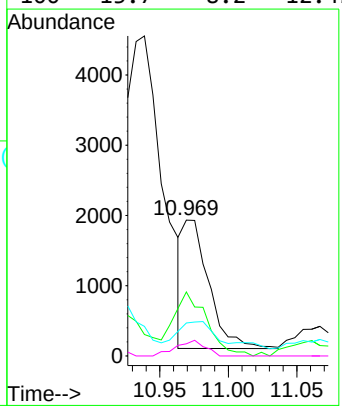




#48
2-Hexanone
Concen: 2.230 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW020515.D
Acq: 15 Oct 2021 01:12

Tgt Ion: 43 Resp: 2397

Ion	Ratio	Lower	Upper
43	100		
58	63.4	39.5	59.3#
57	23.2	14.2	21.4#
100	13.7	8.2	12.4#



Instrument :
MSVOA_W
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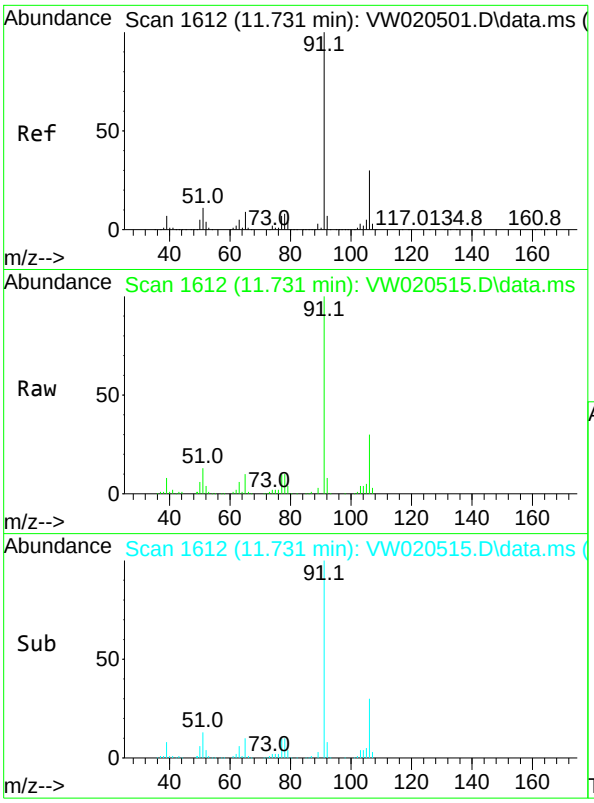
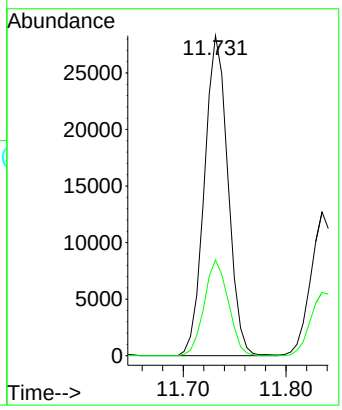
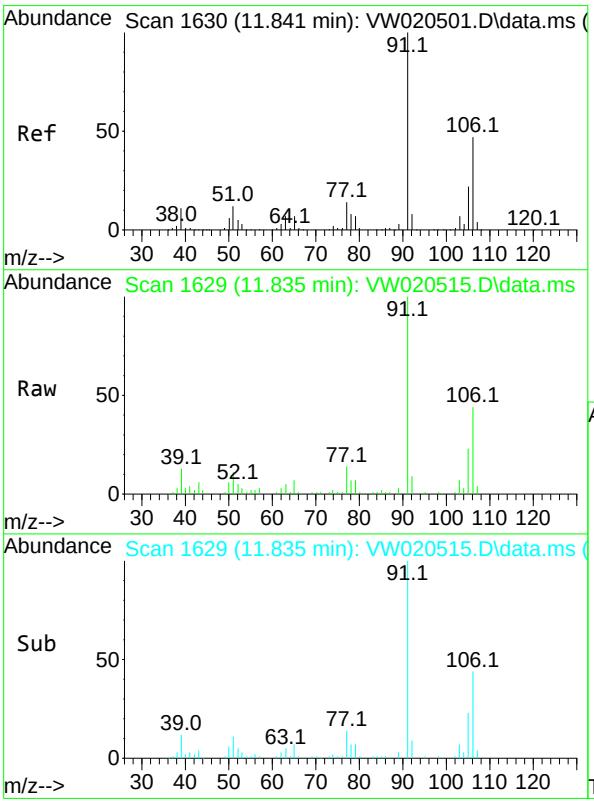


#52
Ethylbenzene
Concen: 4.390 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW020515.D
Acq: 15 Oct 2021 01:12

Tgt Ion: 91 Resp: 45012

Ion	Ratio	Lower	Upper
91	100		
106	29.9	21.3	39.5

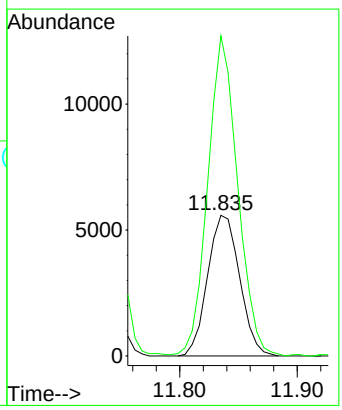




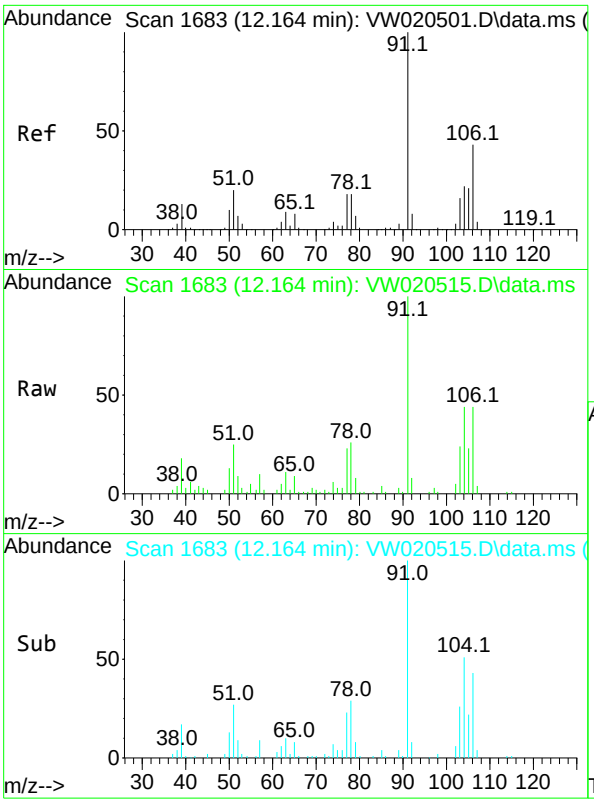
#53
m,p-Xylene
Concen: 2.783 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW020515.D
Acq: 15 Oct 2021 01:12

Tgt Ion:106 Resp: 10573

Ion	Ratio	Lower	Upper
106	100		
91	227.4	148.2	275.2



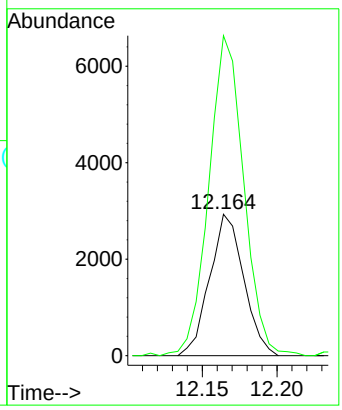
Instrument :
MSVOA_W
ClientSampleId :
JDGC3

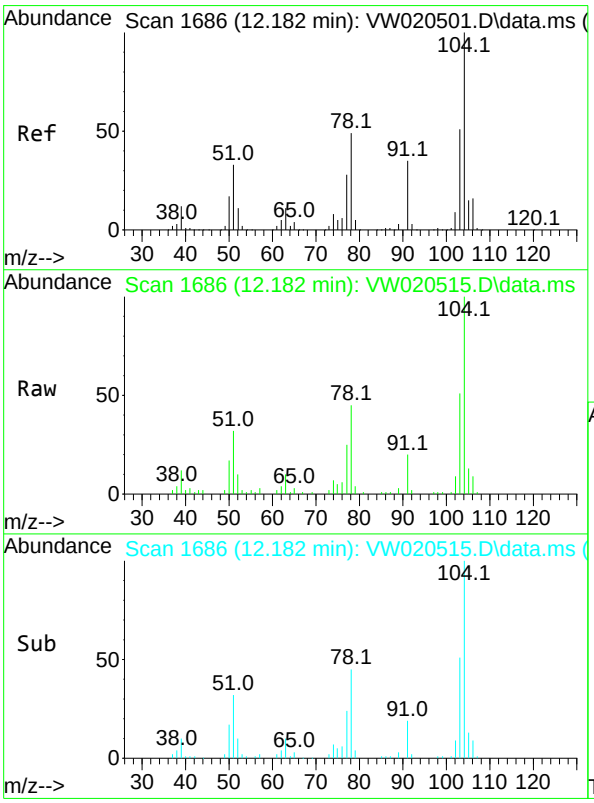


#54
o-Xylene
Concen: 1.325 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW020515.D
Acq: 15 Oct 2021 01:12

Tgt Ion:106 Resp: 4648

Ion	Ratio	Lower	Upper
106	100		
91	226.2	156.1	289.9

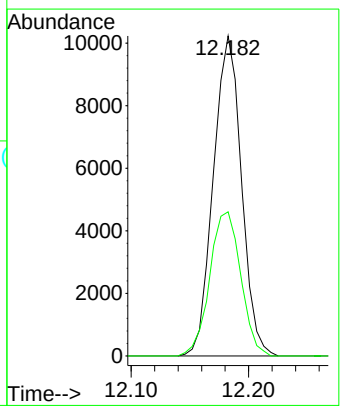




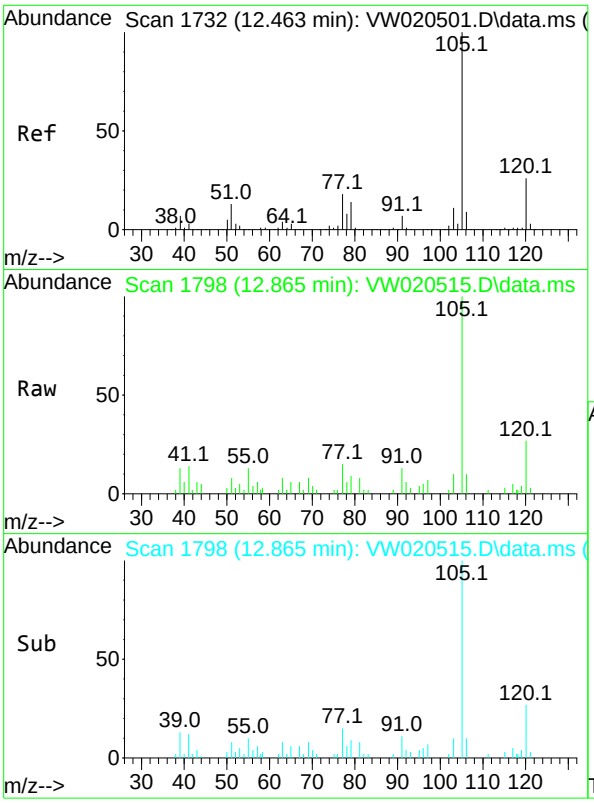
#55
Styrene
Concen: 2.774 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW020515.D
Acq: 15 Oct 2021 01:12

Tgt Ion:104 Resp: 17016

Ion	Ratio	Lower	Upper
104	100		
78	45.0	33.2	61.7



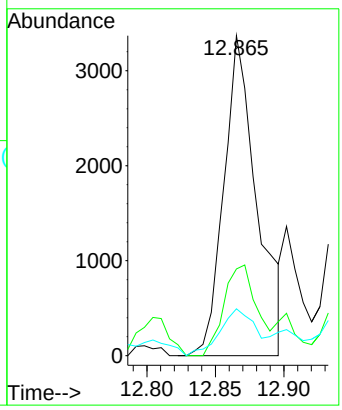
Instrument :
MSVOA_W
ClientSampleId :
JDGC3

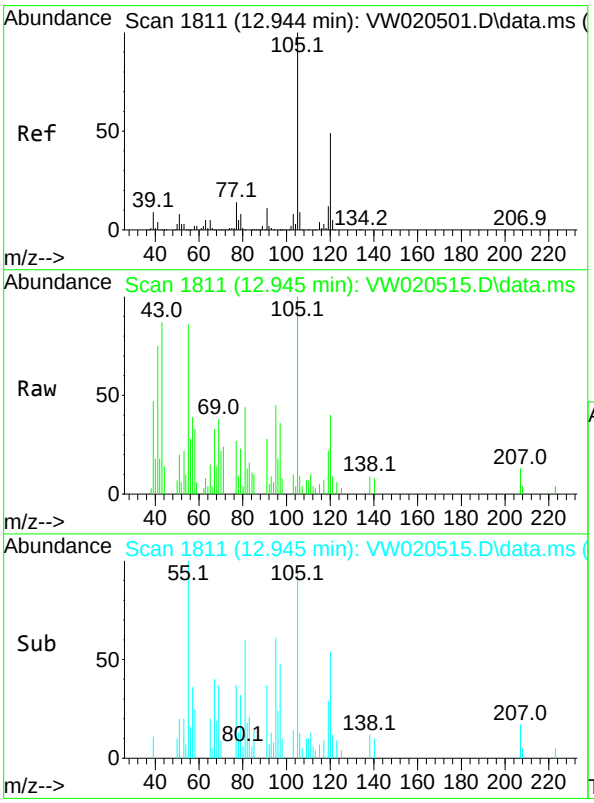


#60
Isopropylbenzene
Concen: 1.052 ug/L
RT: 12.865 min Scan# 1798
Delta R.T. 0.403 min
Lab File: VW020515.D
Acq: 15 Oct 2021 01:12

Tgt Ion:105 Resp: 5676

Ion	Ratio	Lower	Upper
105	100		
120	28.2	20.3	30.5
77	15.1	13.8	20.6

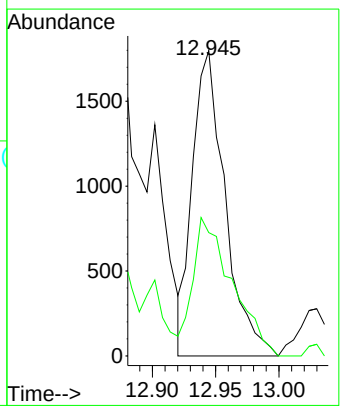




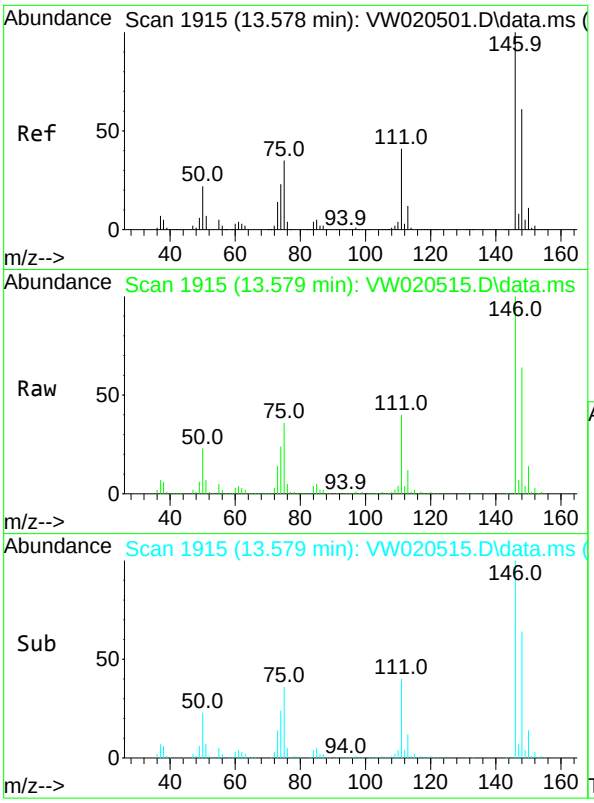
#62
1,3,5-Trimethylbenzene
Concen: 0.732 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW020515.D
Acq: 15 Oct 2021 01:12

Tgt Ion:105 Resp: 3228

Ion	Ratio	Lower	Upper
105	100		
120	54.5	37.9	56.9



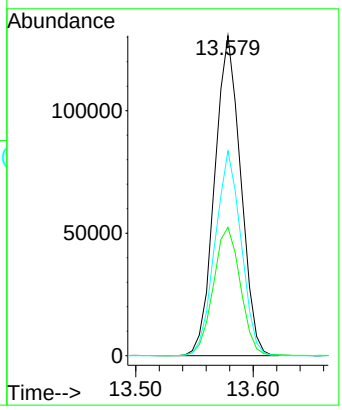
Instrument :
MSVOA_W
ClientSampleId :
JDGC3

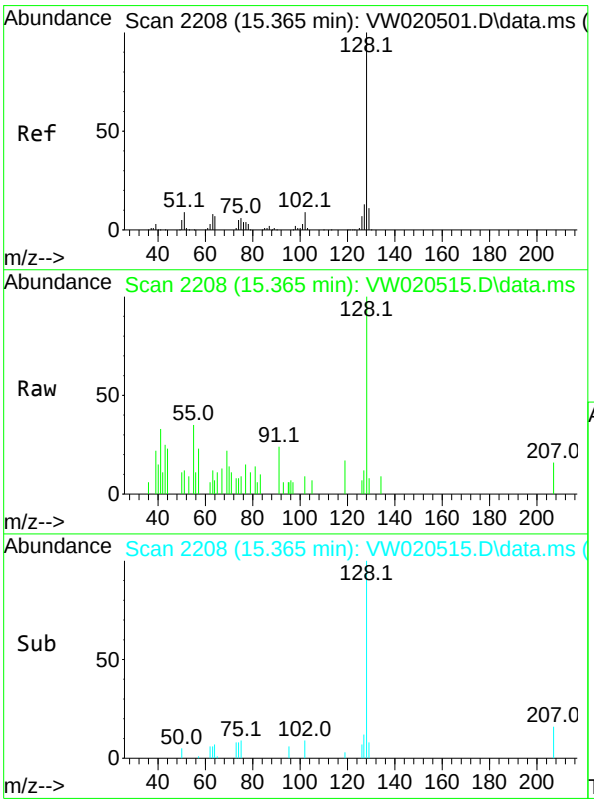


#65
1,4-Dichlorobenzene
Concen: 83.397 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW020515.D
Acq: 15 Oct 2021 01:12

Tgt Ion:146 Resp: 201458

Ion	Ratio	Lower	Upper
146	100		
111	40.1	30.9	57.5
148	64.0	46.1	85.7





#71
Naphthalene
Concen: 0.705 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW020515.D
Acq: 15 Oct 2021 01:12

Tgt Ion:128 Resp: 1671

Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.5	15.7
129	8.4	8.7	13.1#