Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070221\
Data File : VV021595.D
Acq On : 02 Jul 2021 13:50
Operator : SY/MD
Sample : M2914-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK31

Quant Time: Jul 03 00:07:41 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 03 00:01:46 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	470060	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	433887	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	221826	50.000	ug/L	# 0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	107170	36.035	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 72.080%			
7) Chloroethane-d5	1.561	69	91981	37.841	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 75.680%			
11) 1,1-Dichloroethene-d2	2.105	63	156494	28.760	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 57.520%#			
21) 2-Butanone-d5	3.873	46	235946	92.892	ug/L	-0.01
Spiked Amount 100.000	Range 40 - 130		Recovery = 92.890%			
24) Chloroform-d	4.349	84	256311	41.202	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 82.400%			
26) 1,2-Dichloroethane-d4	5.034	65	161717	44.118	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.240%			
32) Benzene-d6	5.053	84	530418	43.539	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.080%			
36) 1,2-Dichloropropane-d6	6.069	67	172682	44.941	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 89.880%			
41) Toluene-d8	7.317	98	496079	44.031	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 88.060%			
43) trans-1,3-Dichloroprop...	7.622	79	82282	43.048	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.100%			
47) 2-Hexanone-d5	8.088	63	190688	106.988	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 106.990%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	240190	46.396	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 92.800%			
66) 1,2-Dichlorobenzene-d4	11.628	152	199136	45.028	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.060%			
Target Compounds						Qvalue
5) Vinyl chloride	1.307	62	16554	4.272	ug/L #	80
8) Chloroethane	1.581	64	20529	9.215	ug/L	84
13) Acetone	2.162	43	19325	9.203	ug/L #	100
17) trans-1,2-Dichloroethene	2.761	96	9544	2.914	ug/L	98
19) 1,1-Dichloroethane	3.191	63	83528	14.001	ug/L	98
27) 1,2-Dichloroethane	5.140	62	6831	1.544	ug/L	99
33) Benzene	5.101	78	594146	44.996	ug/L	100
37) 1,2-Dichloropropane	6.178	63	17923	5.222	ug/L #	93
40) 4-Methyl-2-pentanone	7.227	43	162773	32.308	ug/L	98
42) Toluene	7.391	91	119440	8.445	ug/L	99
51) Chlorobenzene	8.886	112	66040	7.175	ug/L	94
52) Ethylbenzene	9.014	91	658166	42.834	ug/L	100
53) m,p-Xylene	9.136	106	683090	115.843	ug/L	99
54) o-Xylene	9.548	106	4181	0.711	ug/L	88
60) Isopropylbenzene	9.934	105	271782	17.963	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	1101496	85.422	ug/L	100
63) 1,2,4-Trimethylbenzene	10.918	105	2384895	182.758	ug/L	100
65) 1,4-Dichlorobenzene	11.275	146	9196	1.293	ug/L #	89
67) 1,2-Dichlorobenzene	11.644	146	6131	0.860	ug/L #	78

Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070221\
Data File : VV021595.D
Acq On : 02 Jul 2021 13:50
Operator : SY/MD
Sample : M2914-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBK31

Quant Time: Jul 03 00:07:41 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 03 00:01:46 2021
Response via : Initial Calibration

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

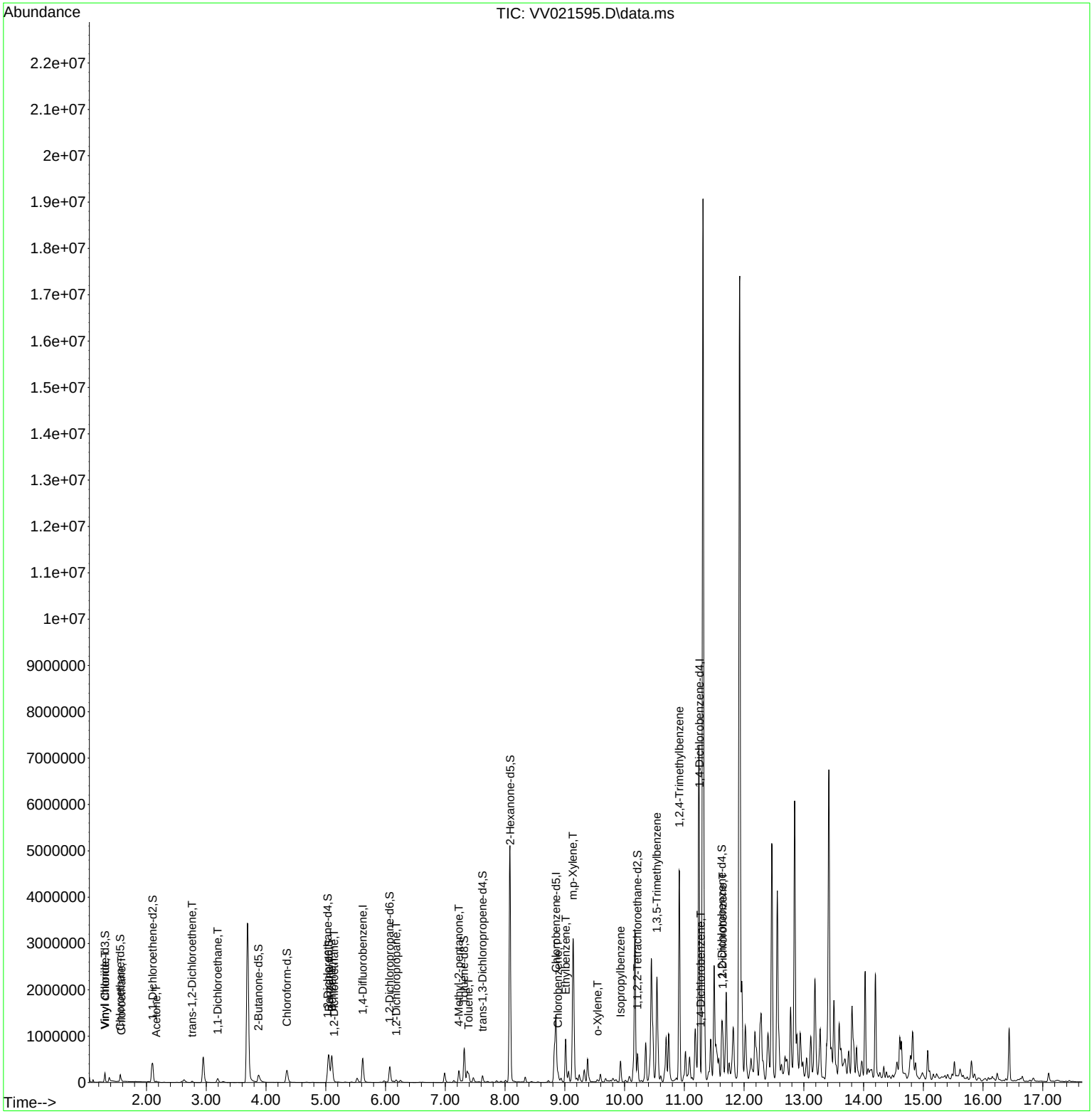
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (LSC Reviewed)

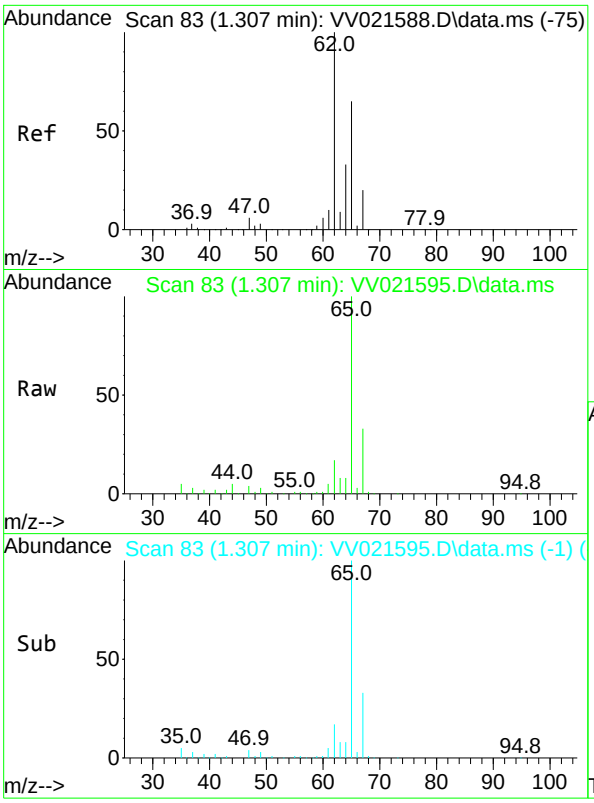
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070221\
Data File : VV021595.D
Acq On : 02 Jul 2021 13:50
Operator : SY/MD
Sample : M2914-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBK31

Quant Time: Jul 03 00:07:41 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 03 00:01:46 2021
Response via : Initial Calibration



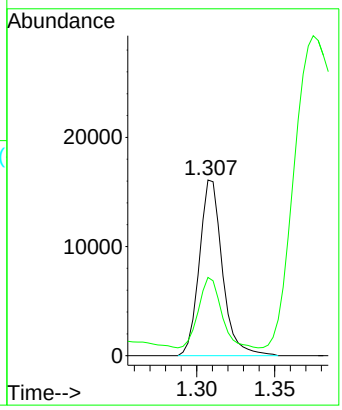
Instrument :
MSVOA_V
ClientSampleId :
DBK31

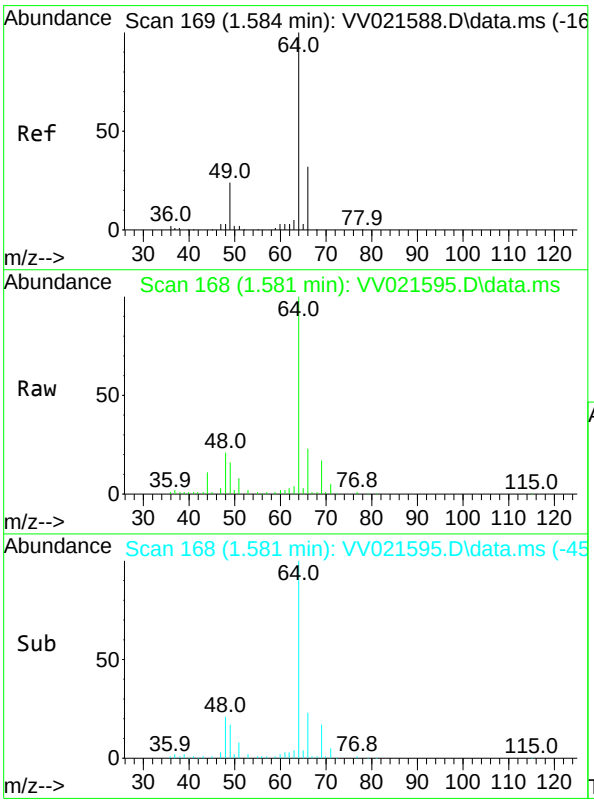


#5
Vinyl chloride
Concen: 4.272 ug/L
RT: 1.307 min Scan# 83
Delta R.T. 0.000 min
Lab File: VV021595.D
Acq: 02 Jul 2021 13:50

Tgt Ion: 62 Resp: 16554

Ion	Ratio	Lower	Upper
62	100		
64	44.6	23.3	43.3#

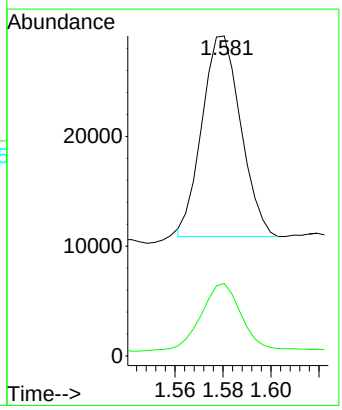




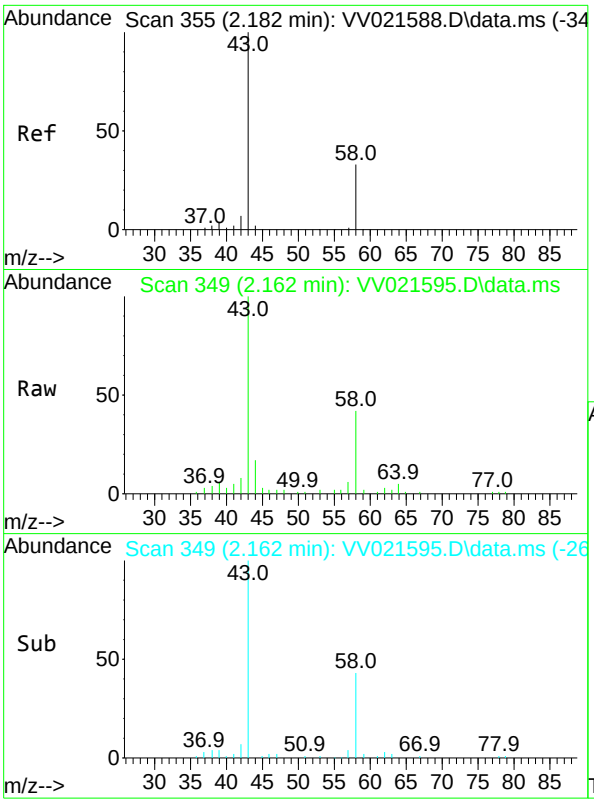
#8
Chloroethane
Concen: 9.215 ug/L
RT: 1.581 min Scan# 168
Delta R.T. -0.003 min
Lab File: VV021595.D
Acq: 02 Jul 2021 13:50

Tgt Ion: 64 Resp: 20529

Ion	Ratio	Lower	Upper
64	100		
66	22.6	22.3	41.3



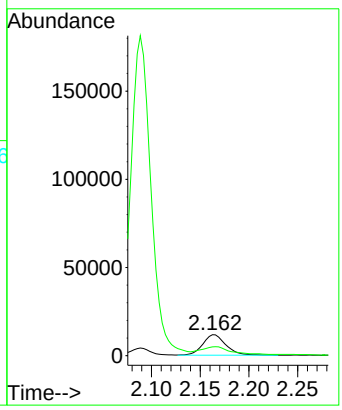
Instrument :
MSVOA_V
ClientSampleId :
DBK31

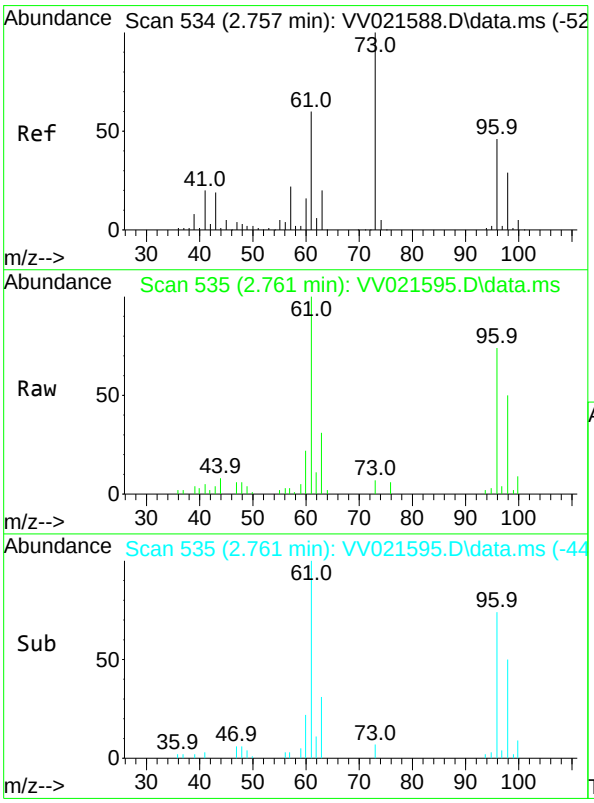


#13
Acetone
Concen: 9.203 ug/L
RT: 2.162 min Scan# 349
Delta R.T. -0.019 min
Lab File: VV021595.D
Acq: 02 Jul 2021 13:50

Tgt Ion: 43 Resp: 19325

Ion	Ratio	Lower	Upper
43	100		
58	41.4	0.0	0.0#

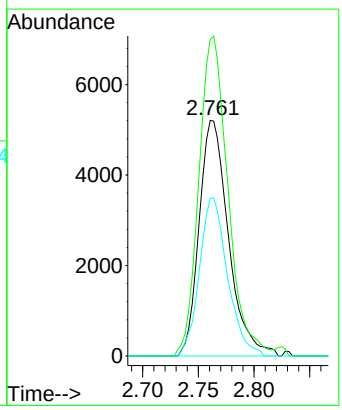




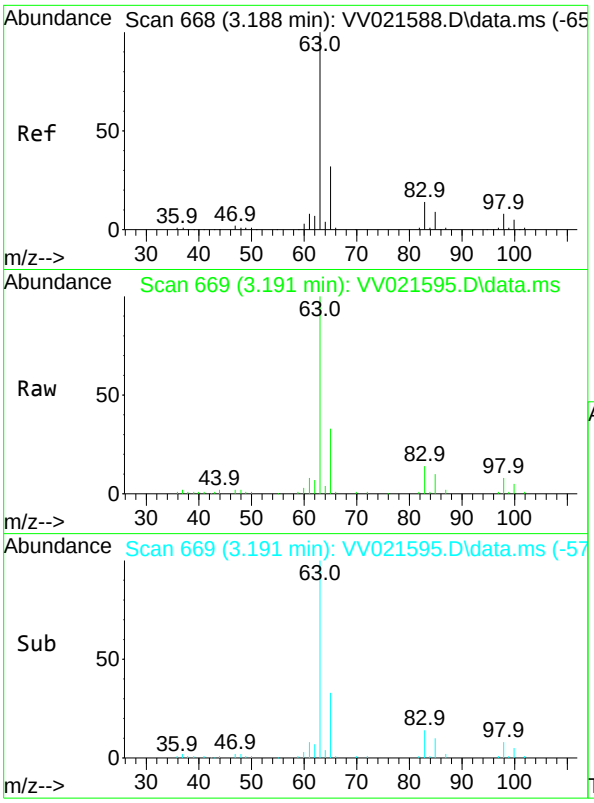
#17
trans-1,2-Dichloroethene
Concen: 2.914 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV021595.D
Acq: 02 Jul 2021 13:50

Tgt Ion: 96 Resp: 9544

Ion	Ratio	Lower	Upper
96	100		
61	134.4	93.0	172.6
98	66.9	44.2	82.0



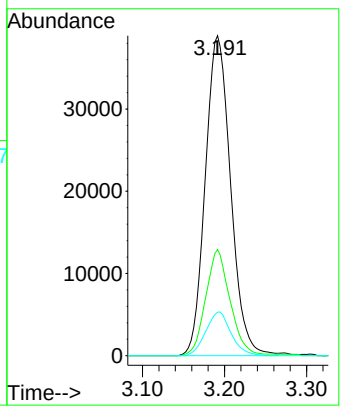
Instrument :
MSVOA_V
ClientSampleId :
DBK31

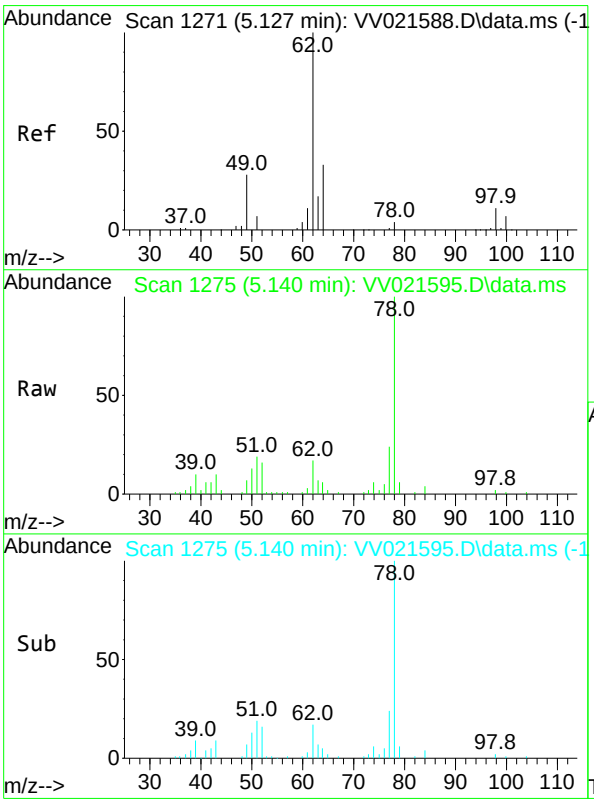


#19
1,1-Dichloroethane
Concen: 14.001 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.003 min
Lab File: VV021595.D
Acq: 02 Jul 2021 13:50

Tgt Ion: 63 Resp: 83528

Ion	Ratio	Lower	Upper
63	100		
65	33.2	22.4	41.6
83	13.6	9.4	17.6

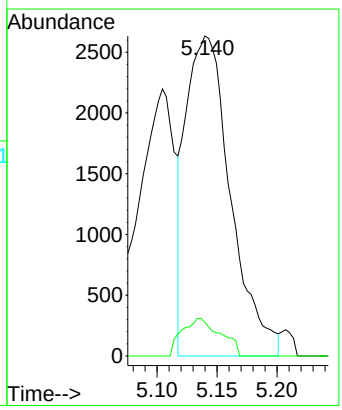




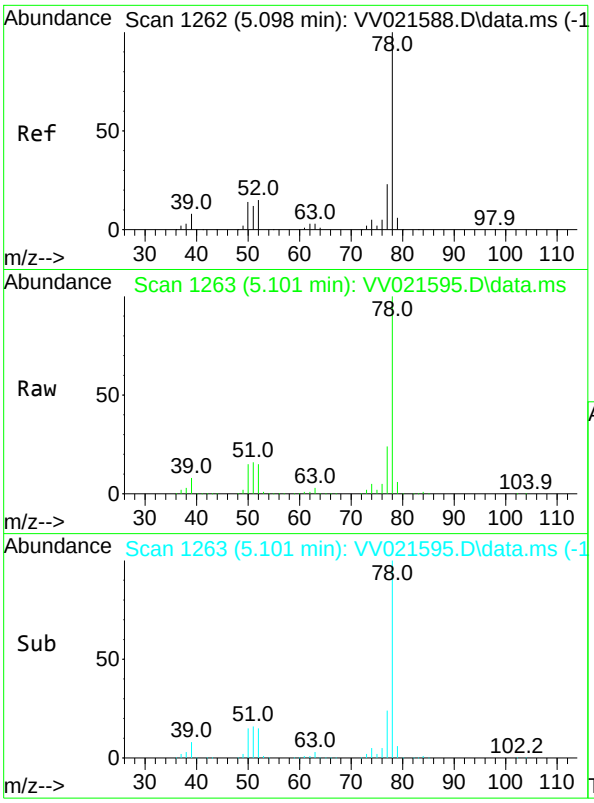
#27
1,2-Dichloroethane
Concen: 1.544 ug/L
RT: 5.140 min Scan# 1275
Delta R.T. 0.013 min
Lab File: VV021595.D
Acq: 02 Jul 2021 13:50

Tgt Ion: 62 Resp: 6831

Ion	Ratio	Lower	Upper
62	100		
98	10.5	8.2	12.4

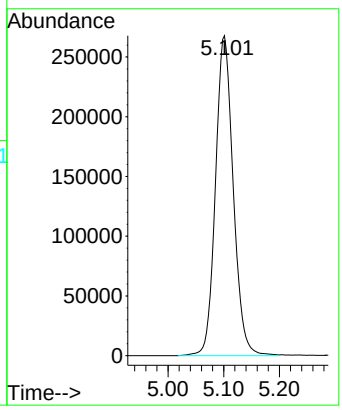


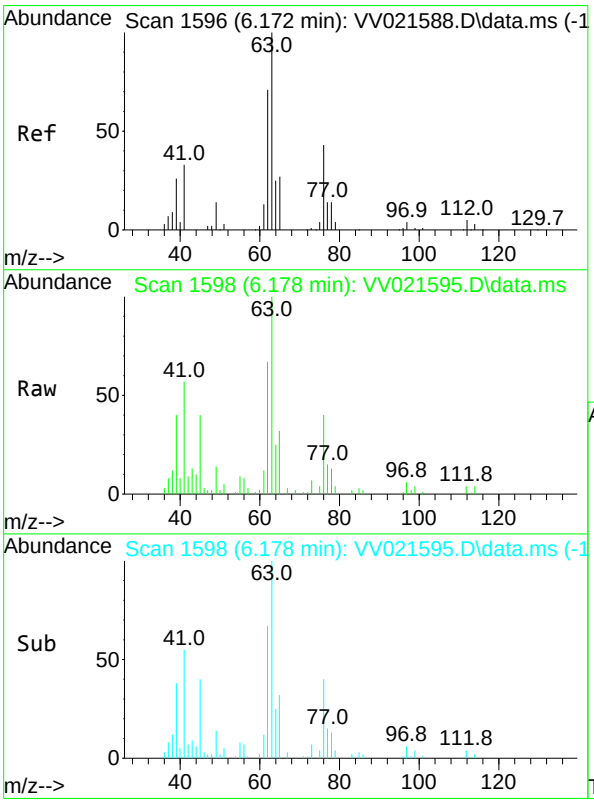
Instrument :
MSVOA_V
ClientSampleId :
DBK31



#33
Benzene
Concen: 44.996 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV021595.D
Acq: 02 Jul 2021 13:50

Tgt Ion: 78 Resp: 594146

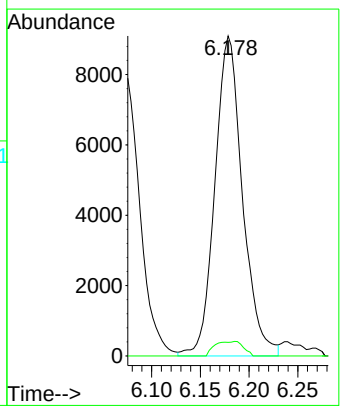




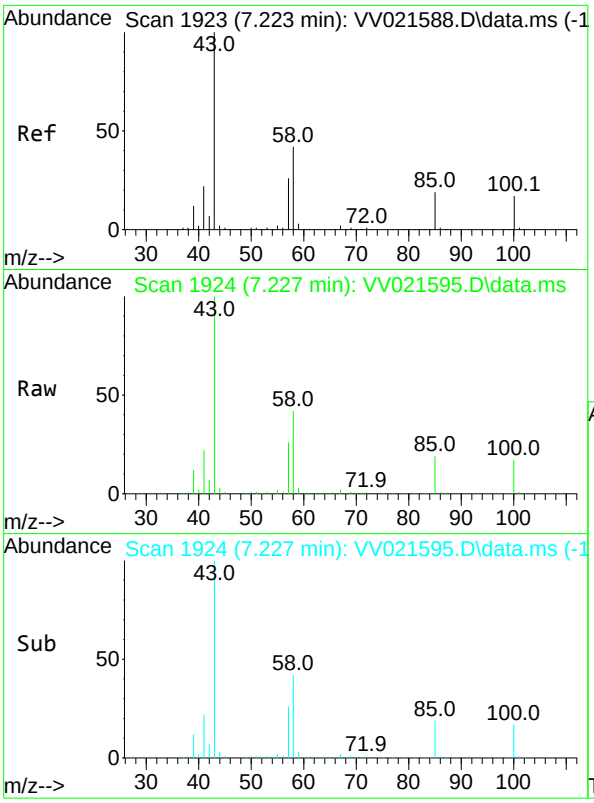
#37
1,2-Dichloropropane
Concen: 5.222 ug/L
RT: 6.178 min Scan# 1598
Delta R.T. 0.007 min
Lab File: VV021595.D
Acq: 02 Jul 2021 13:50

Tgt Ion: 63 Resp: 17923

Ion	Ratio	Lower	Upper
63	100		
112	2.4	3.8	5.6#



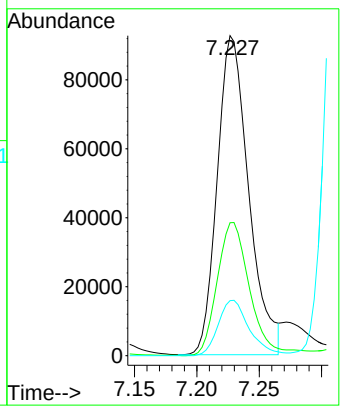
Instrument :
MSVOA_V
ClientSampleId :
DBK31

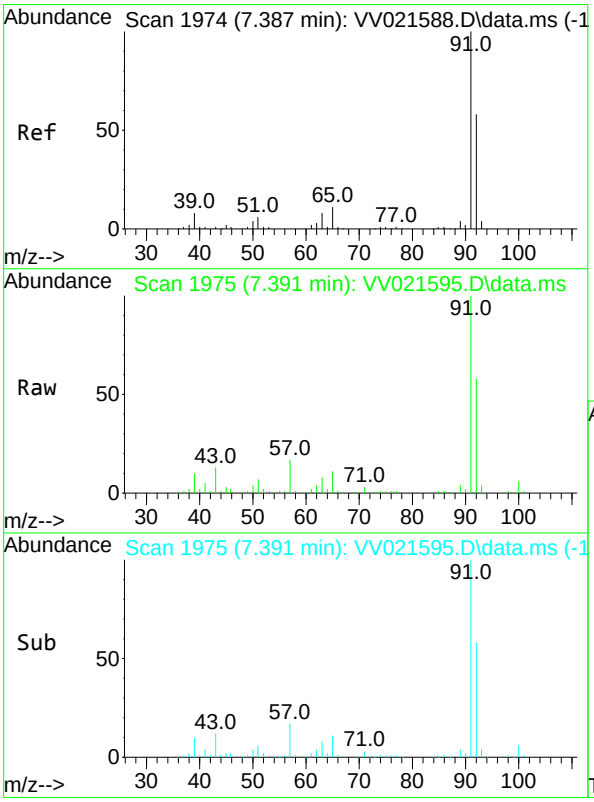


#40
4-Methyl-2-pentanone
Concen: 32.308 ug/L
RT: 7.227 min Scan# 1924
Delta R.T. 0.003 min
Lab File: VV021595.D
Acq: 02 Jul 2021 13:50

Tgt Ion: 43 Resp: 162773

Ion	Ratio	Lower	Upper
43	100		
58	42.6	32.8	49.2
100	17.2	13.5	20.3

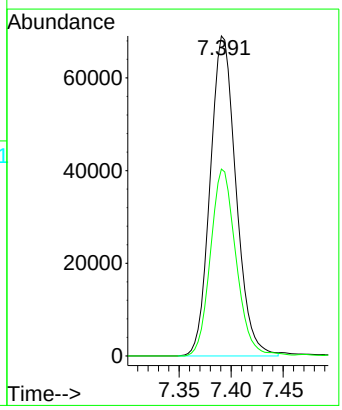




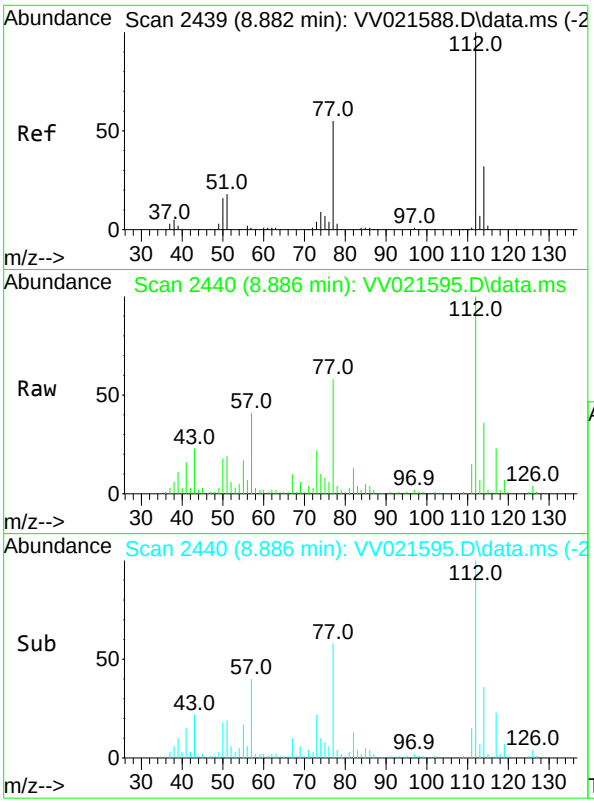
#42
Toluene
Concen: 8.445 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. 0.003 min
Lab File: VV021595.D
Acq: 02 Jul 2021 13:50

Tgt Ion: 91 Resp: 119440

Ion	Ratio	Lower	Upper
91	100		
92	58.4	40.6	75.4



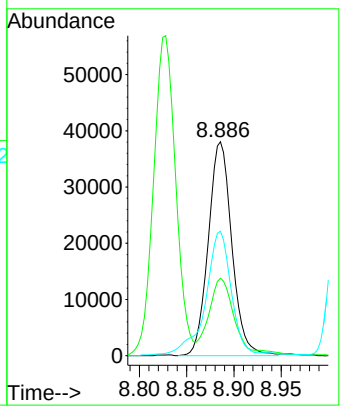
Instrument :
MSVOA_V
ClientSampleId :
DBK31

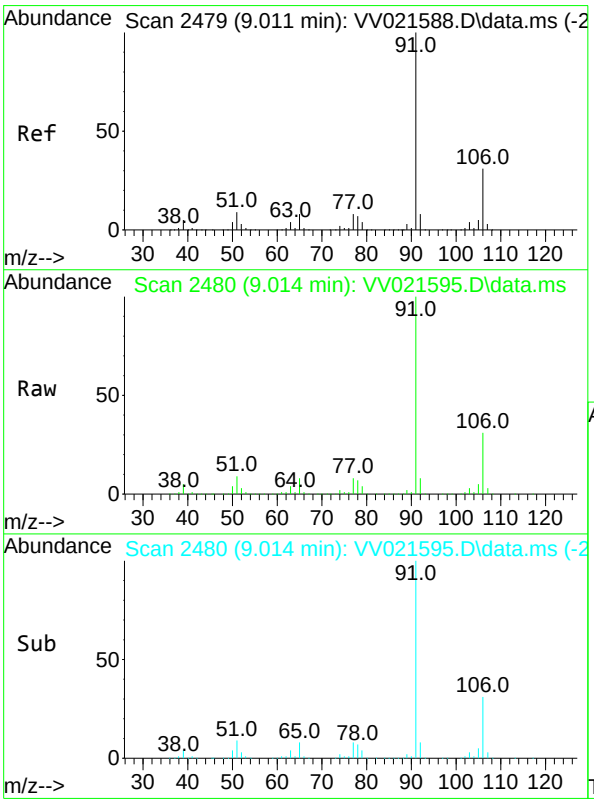


#51
Chlorobenzene
Concen: 7.175 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. 0.003 min
Lab File: VV021595.D
Acq: 02 Jul 2021 13:50

Tgt Ion:112 Resp: 66040

Ion	Ratio	Lower	Upper
112	100		
114	36.2	21.9	40.7
77	58.2	44.0	66.0

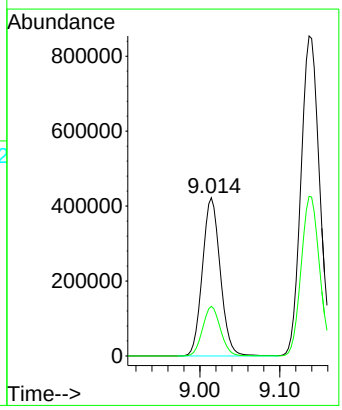




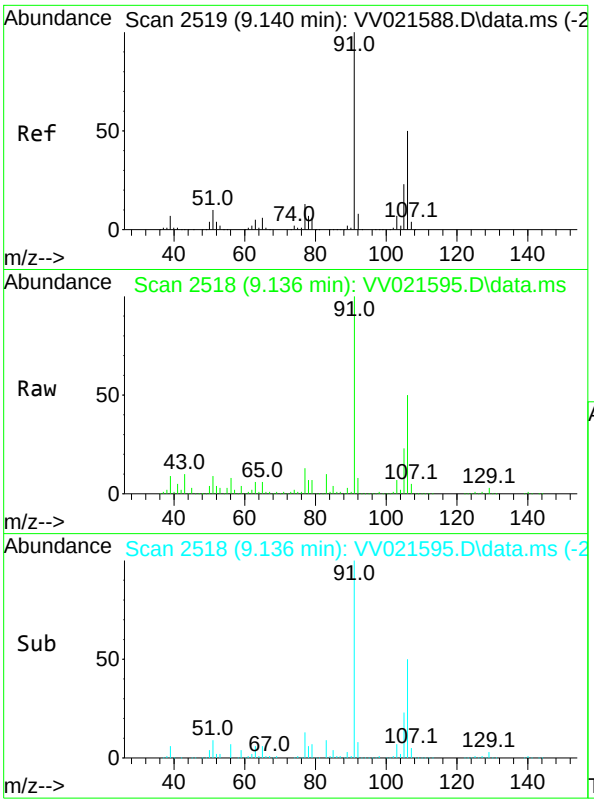
#52
Ethylbenzene
Concen: 42.834 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.003 min
Lab File: VV021595.D
Acq: 02 Jul 2021 13:50

Tgt Ion: 91 Resp: 658166

Ion	Ratio	Lower	Upper
91	100		
106	31.3	21.8	40.6



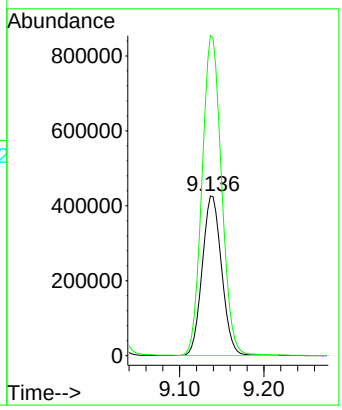
Instrument :
MSVOA_V
ClientSampleId :
DBK31

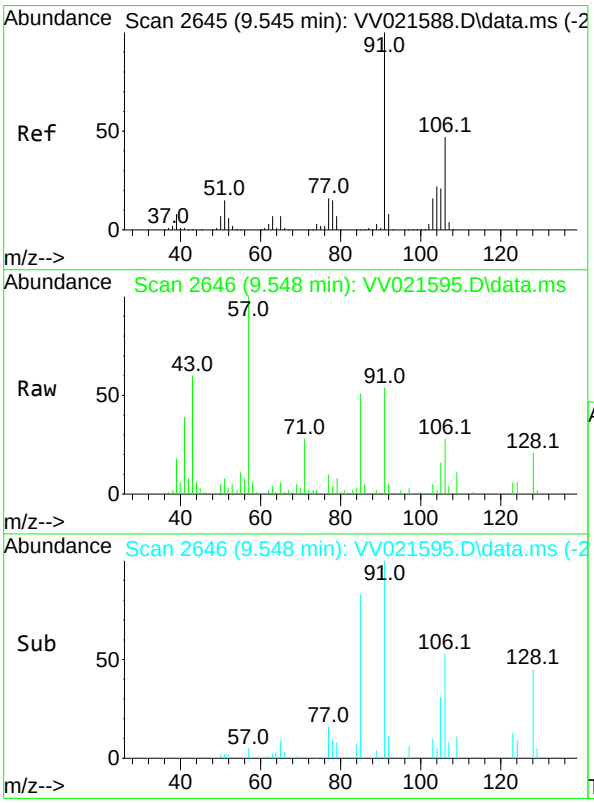


#53
m,p-Xylene
Concen: 115.843 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. -0.003 min
Lab File: VV021595.D
Acq: 02 Jul 2021 13:50

Tgt Ion:106 Resp: 683090

Ion	Ratio	Lower	Upper
106	100		
91	200.3	138.7	257.5

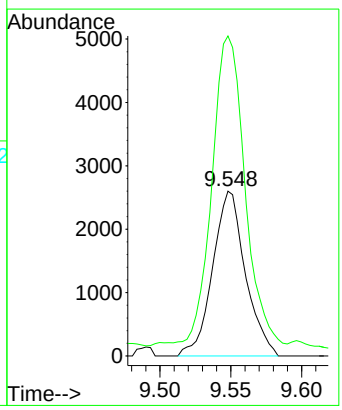




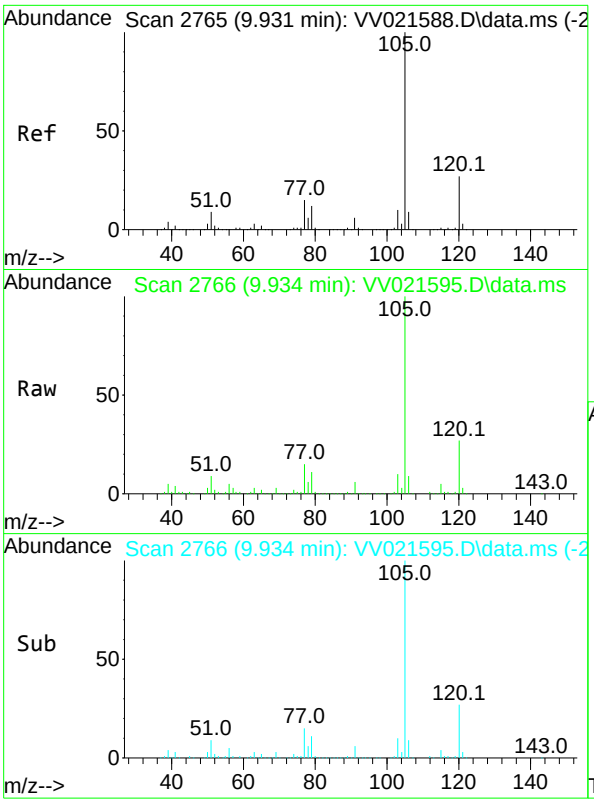
#54
o-Xylene
Concen: 0.711 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.003 min
Lab File: VV021595.D
Acq: 02 Jul 2021 13:50

Tgt Ion:106 Resp: 4181

Ion	Ratio	Lower	Upper
106	100		
91	194.2	149.0	276.8



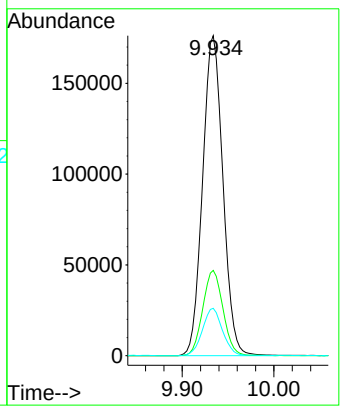
Instrument :
MSVOA_V
ClientSampleId :
DBK31

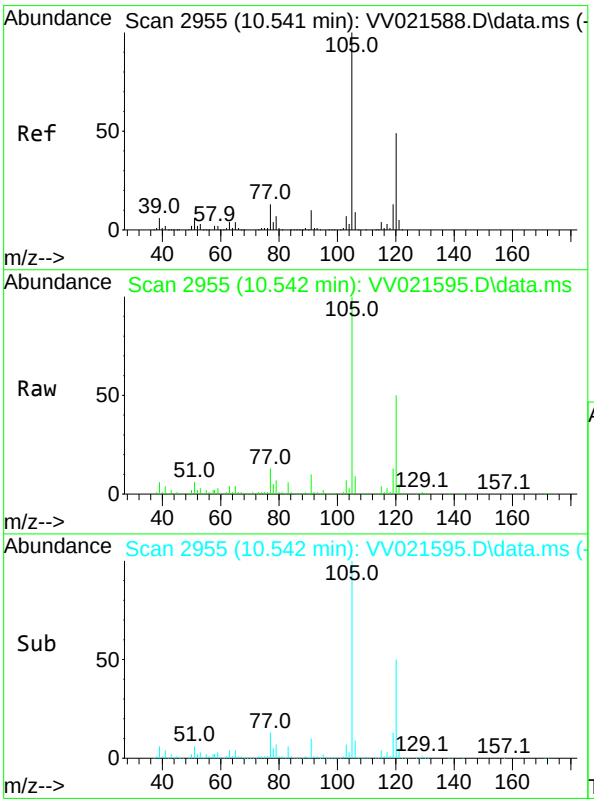


#60
Isopropylbenzene
Concen: 17.963 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.003 min
Lab File: VV021595.D
Acq: 02 Jul 2021 13:50

Tgt Ion:105 Resp: 271782

Ion	Ratio	Lower	Upper
105	100		
120	26.4	21.5	32.3
77	14.7	12.0	18.0

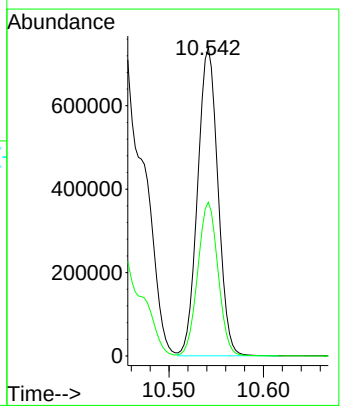




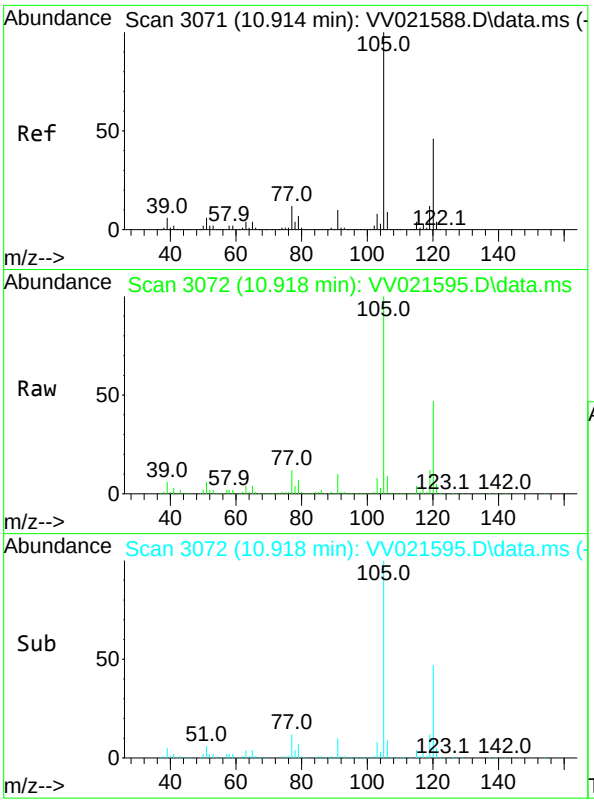
#62
1,3,5-Trimethylbenzene
Concen: 85.422 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.000 min
Lab File: VV021595.D
Acq: 02 Jul 2021 13:50

Tgt Ion:105 Resp: 1101496

Ion	Ratio	Lower	Upper
105	100		
120	49.9	40.0	60.0



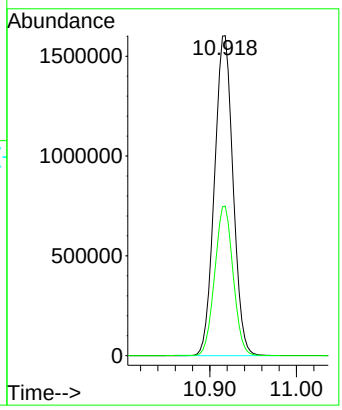
Instrument :
MSVOA_V
ClientSampleId :
DBK31

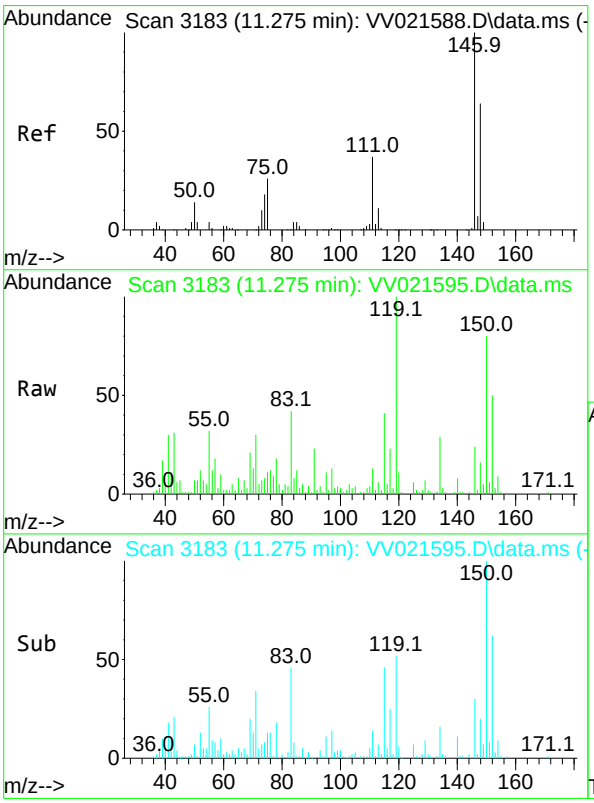


#63
1,2,4-Trimethylbenzene
Concen: 182.758 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.003 min
Lab File: VV021595.D
Acq: 02 Jul 2021 13:50

Tgt Ion:105 Resp: 2384895

Ion	Ratio	Lower	Upper
105	100		
120	46.4	37.1	55.7

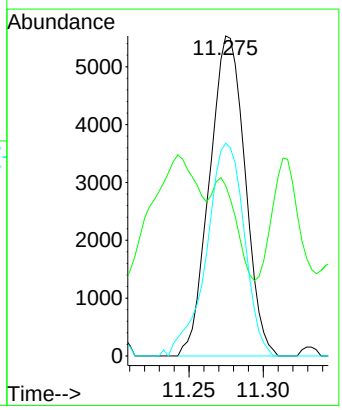


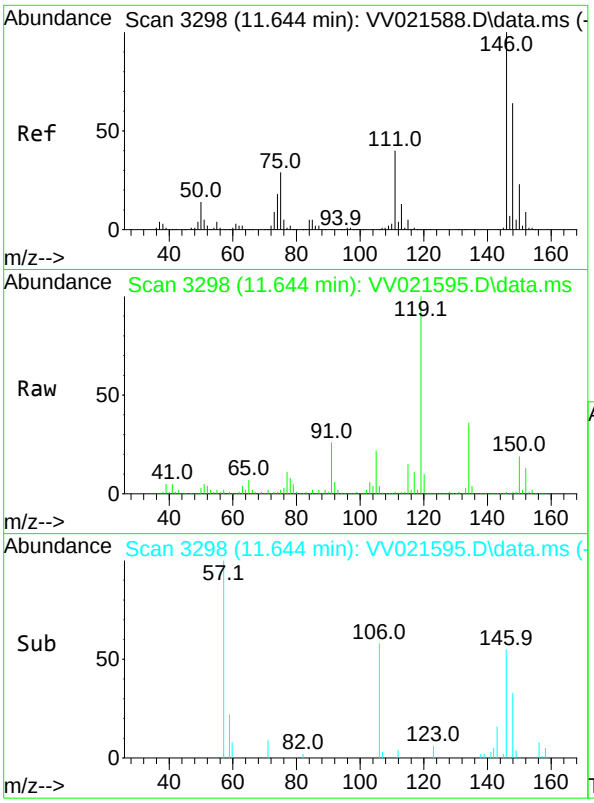


#65
1,4-Dichlorobenzene
Concen: 1.293 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.000 min
Lab File: VV021595.D
Acq: 02 Jul 2021 13:50

Tgt Ion:146 Resp: 9196

Ion	Ratio	Lower	Upper
146	100		
111	53.2	26.6	49.4#
148	66.5	45.2	84.0

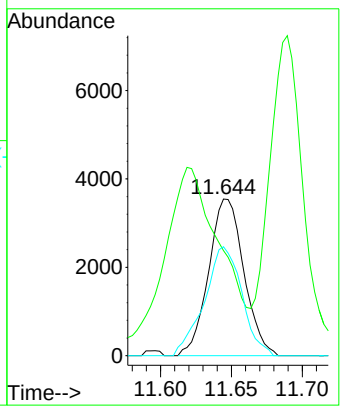




#67
1,2-Dichlorobenzene
Concen: 0.860 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. 0.000 min
Lab File: VV021595.D
Acq: 02 Jul 2021 13:50

Tgt Ion:146 Resp: 6131

Ion	Ratio	Lower	Upper
146	100		
111	67.1	32.6	48.8#
148	69.6	50.5	75.7



Instrument :
MSVOA_V
ClientSampleId :
DBK31