Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111922\
Data File : VV029179.D
Acq On : 19 Nov 2022 18:37
Operator : SY/MD
Sample : N5694-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB41

Quant Time: Nov 20 01:00:35 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sun Nov 20 00:53:03 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	320159	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	299906	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	146447	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	113149	5.797	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 116.000%			
7) Chloroethane-d5	1.568	69	90504	5.274	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 105.400%			
11) 1,1-Dichloroethene-d2	2.108	63	154051	4.331	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 86.600%			
20) 2-Butanone-d5	3.880	46	205411	62.869	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 125.740%			
24) Chloroform-d	4.343	84	195848	4.887	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.800%			
26) 1,2-Dichloroethane-d4	5.027	65	88204	4.892	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.800%			
32) Benzene-d6	5.047	84	426247	4.762	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.200%			
36) 1,2-Dichloropropane-d6	6.063	67	122631	4.906	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.200%			
41) Toluene-d8	7.310	98	360314	4.471	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.400%			
43) trans-1,3-Dichloroprop...	7.619	79	36770	4.510	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 90.200%			
46) 2-Hexanone-d5	8.085	63	169244	48.634	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.260%			
56) 1,1,2,2-Tetrachloroeth...	10.207	84	83631	4.826	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.600%			
66) 1,2-Dichlorobenzene-d4	11.616	152	140144	5.349	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 107.000%			
Target Compounds						Qvalue
5) Vinyl chloride	1.311	62	196014	7.758	ug/L	96
12) 1,1-Dichloroethene	2.118	96	26159	1.350	ug/L #	3
14) Carbon disulfide	2.294	76	11289	0.164	ug/L	100
17) Methyl tert-butyl Ether	2.764	73	11064	0.266	ug/L #	81
18) trans-1,2-Dichloroethene	2.764	96	2203	0.098	ug/L	92
19) 1,1-Dichloroethane	3.185	63	393338	10.704	ug/L	99
22) cis-1,2-Dichloroethene	3.902	96	387172	16.942	ug/L	99
27) 1,2-Dichloroethane	5.137	62	13578	0.684	ug/L	99
29) 1,1,1-Trichloroethane	4.603	97	200579	5.700	ug/L	99
33) Benzene	5.095	78	92341	1.008	ug/L	100
34) Trichloroethene	5.912	95	97981	4.176	ug/L	98
42) Toluene	7.391	91	45571	0.460	ug/L	98
52) Ethylbenzene	9.011	91	31299	0.304	ug/L	98
53) m,p-Xylene	9.137	106	22122	0.540	ug/L	98
54) o-Xylene	9.539	106	32324	0.829	ug/L	97
60) Isopropylbenzene	9.924	105	14072	0.148	ug/L	98
62) 1,3,5-Trimethylbenzene	10.532	105	5180	0.064	ug/L	95
63) 1,2,4-Trimethylbenzene	10.911	105	6139	0.076	ug/L	98

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111922\
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ClientSampleId :
BHB41

Quant Time: Nov 20 01:00:35 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sun Nov 20 00:53:03 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_V\Data\VV111922\
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Quant Title : TRACE VOA SFAM1.0
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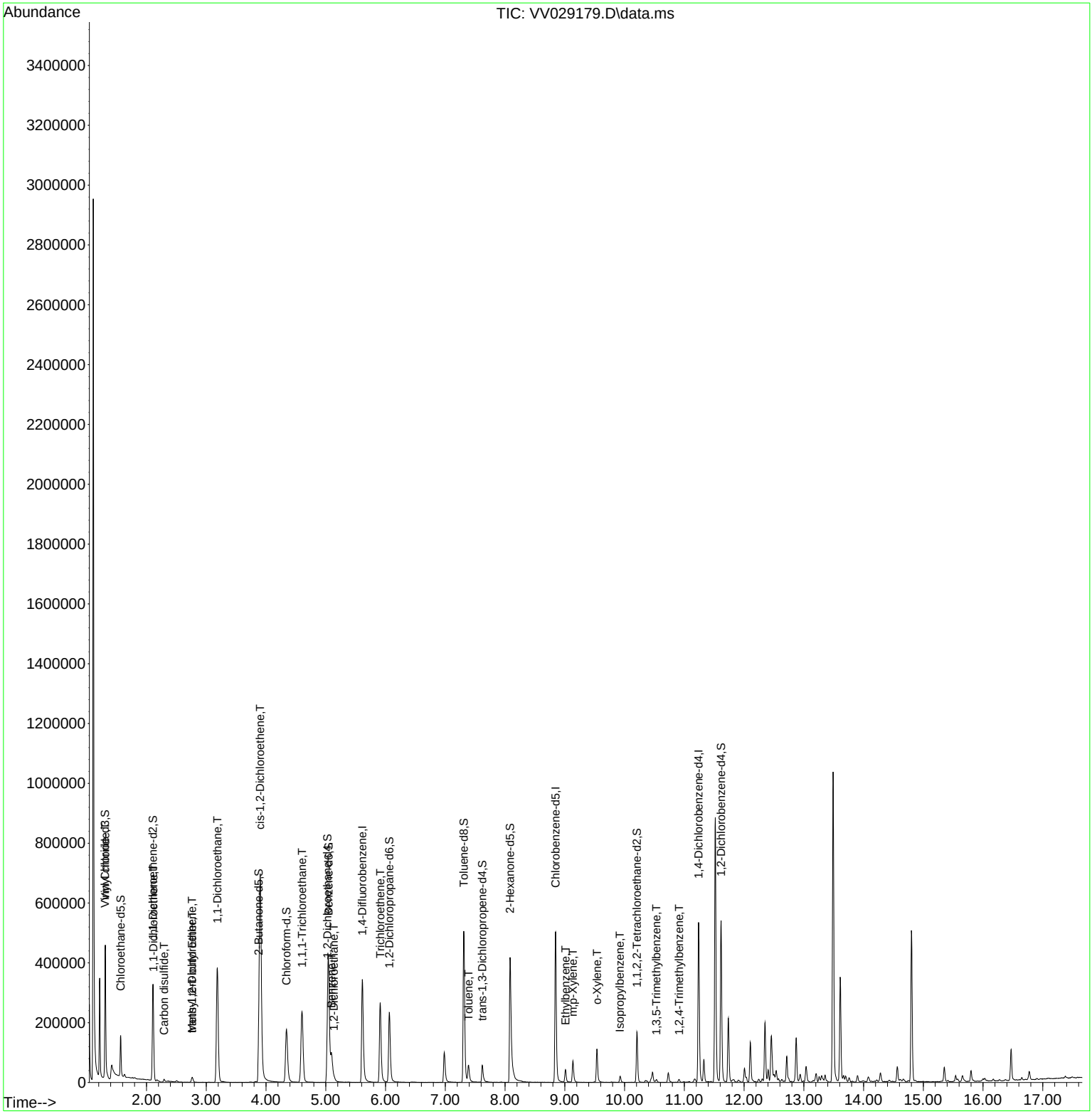
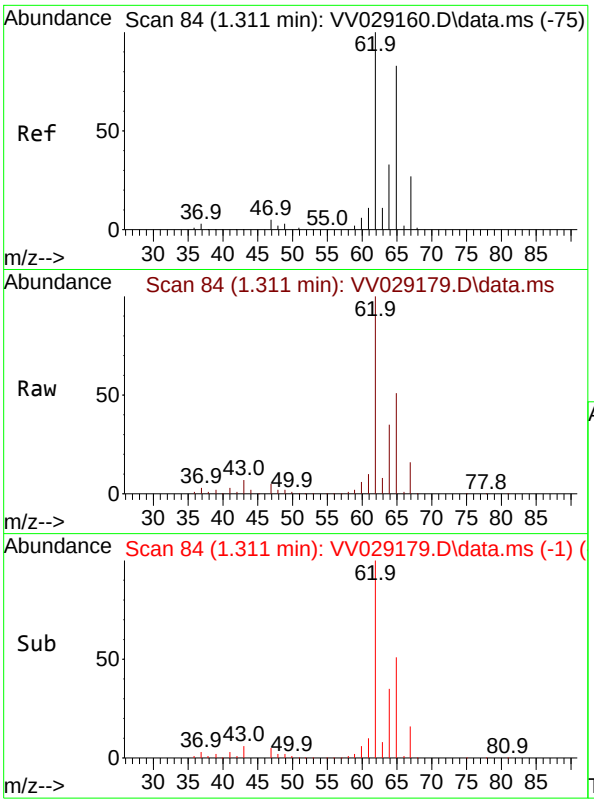


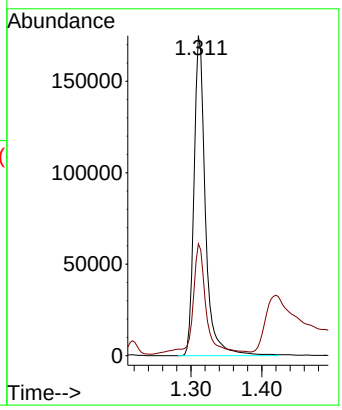


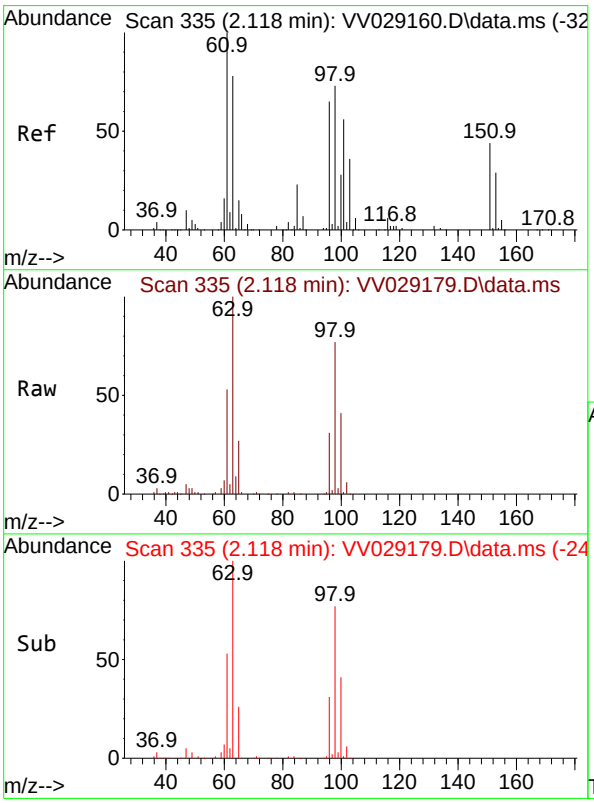
#5
Vinyl chloride
Concen: 7.758 ug/L
RT: 1.311 min Scan# 84
Delta R.T. -0.000 min
Lab File: VV029179.D
Acq: 19 Nov 2022 18:37

Instrument :
MSVOA_V
ClientSampleId :
BHB41

Tgt Ion: 62 Resp: 196014

Ion	Ratio	Lower	Upper
62	100		
64	35.0	22.8	42.4

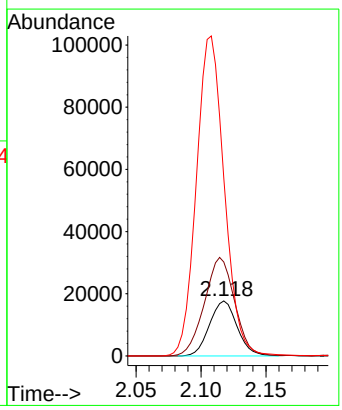


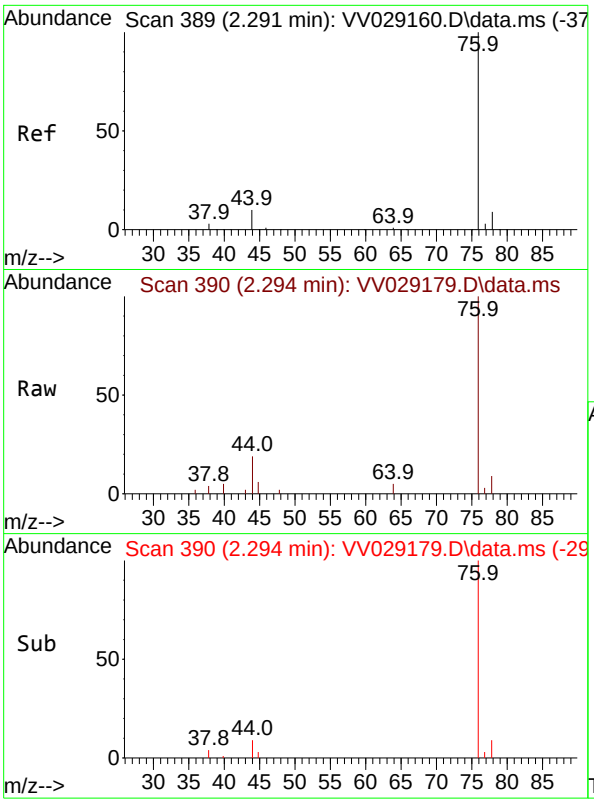


#12
1,1-Dichloroethene
Concen: 1.350 ug/L
RT: 2.118 min Scan# 335
Delta R.T. -0.000 min
Lab File: VV029179.D
Acq: 19 Nov 2022 18:37

Tgt Ion: 96 Resp: 26159

Ion	Ratio	Lower	Upper
96	100		
61	170.9	104.2	193.4
63	323.2	75.9	140.9#



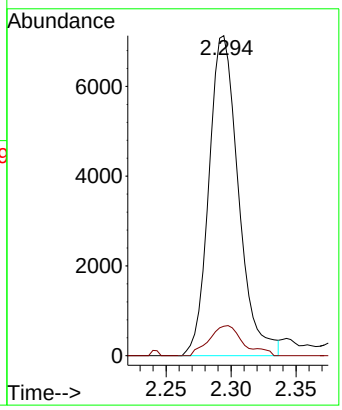


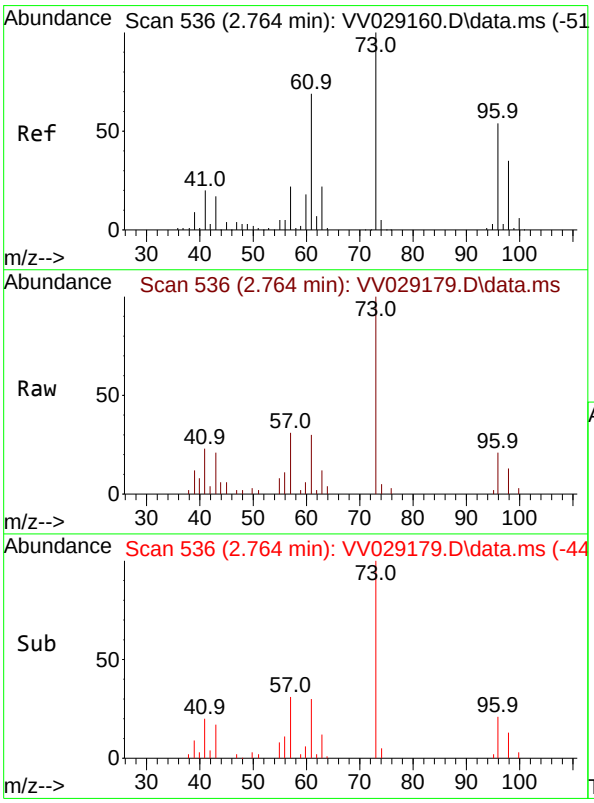
#14
Carbon disulfide
Concen: 0.164 ug/L
RT: 2.294 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV029179.D
Acq: 19 Nov 2022 18:37

Instrument :
MSVOA_V
ClientSampleId :
BHB41

Tgt Ion: 76 Resp: 11289

Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.4	11.2

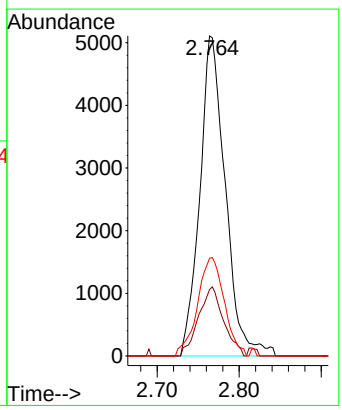


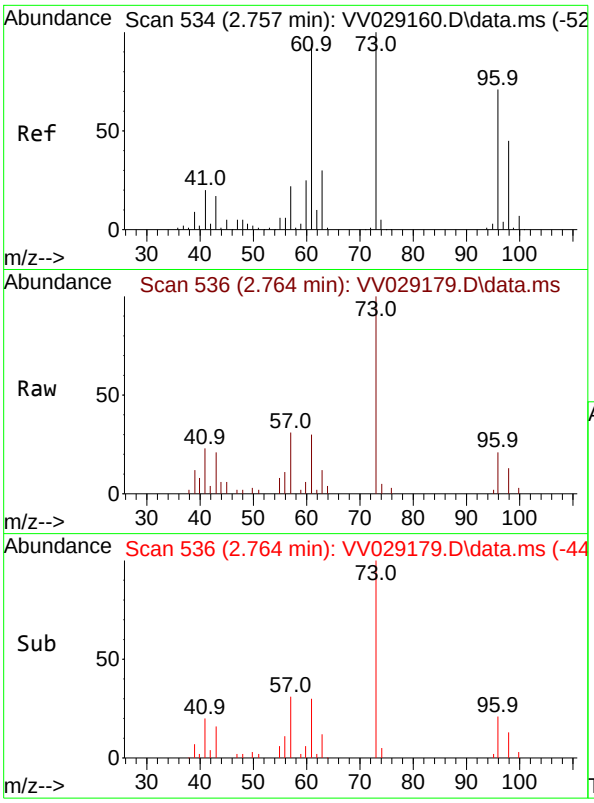


#17
Methyl tert-butyl Ether
Concen: 0.266 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.000 min
Lab File: VV029179.D
Acq: 19 Nov 2022 18:37

Tgt Ion: 73 Resp: 11064

Ion	Ratio	Lower	Upper
73	100		
43	21.1	13.0	19.4#
57	32.2	16.6	24.8#



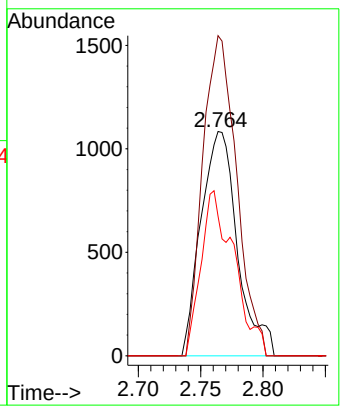


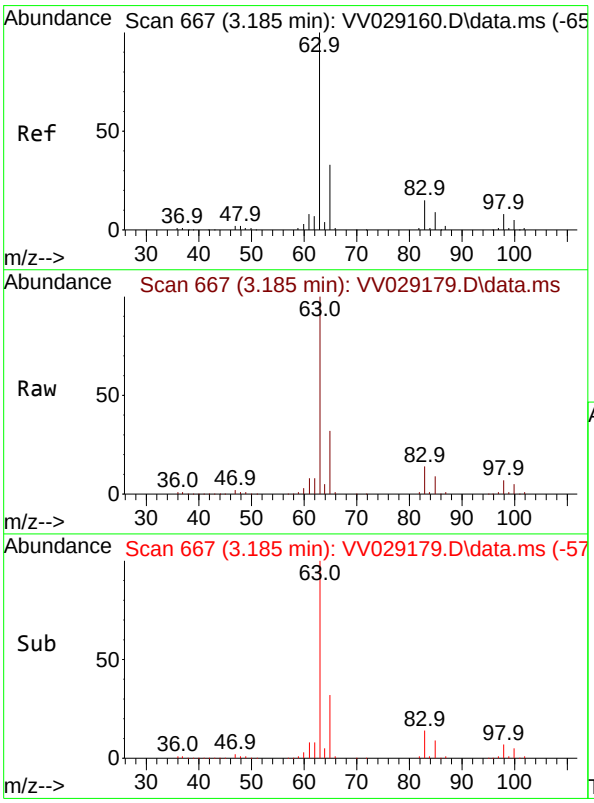
#18
trans-1,2-Dichloroethene
Concen: 0.098 ug/L
RT: 2.764 min Scan# 5
Delta R.T. 0.006 min
Lab File: VV029179.D
Acq: 19 Nov 2022 18:37

Instrument :
MSVOA_V
ClientSampleId :
BHB41

Tgt Ion: 96 Resp: 2203

Ion	Ratio	Lower	Upper
96	100		
61	142.7	91.8	170.6
98	62.3	46.4	86.2

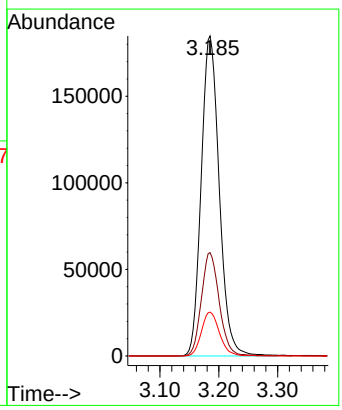


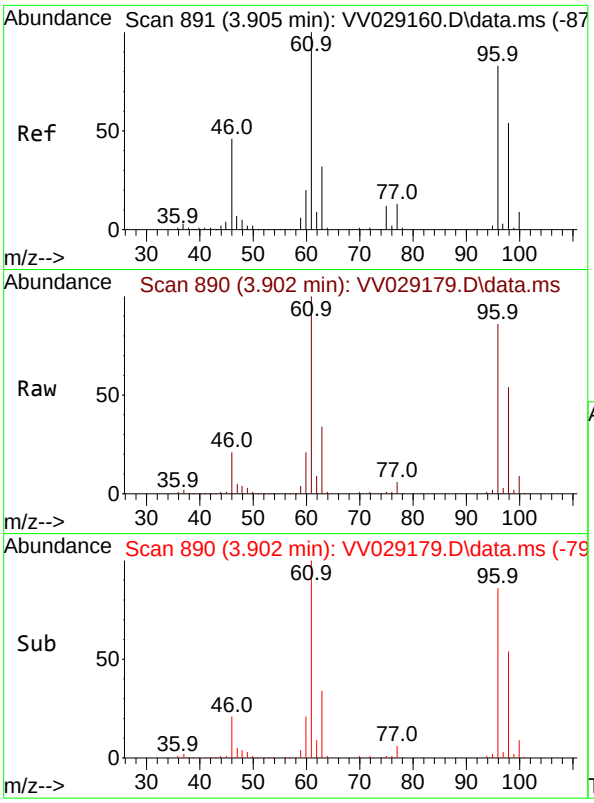


#19
1,1-Dichloroethane
Concen: 10.704 ug/L
RT: 3.185 min Scan# 667
Delta R.T. -0.000 min
Lab File: VV029179.D
Acq: 19 Nov 2022 18:37

Tgt Ion: 63 Resp: 393338

Ion	Ratio	Lower	Upper
63	100		
65	32.3	23.0	42.6
83	13.7	9.4	17.6



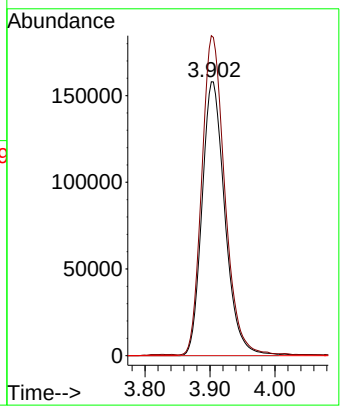


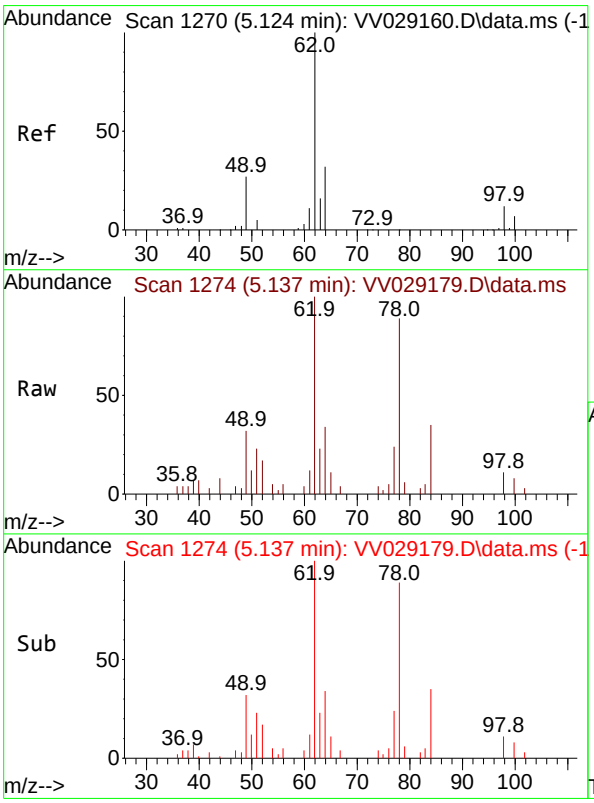
#22
cis-1,2-Dichloroethene
Concen: 16.942 ug/L
RT: 3.902 min Scan# 8
Delta R.T. -0.003 min
Lab File: VV029179.D
Acq: 19 Nov 2022 18:37

Instrument :
MSVOA_V
ClientSampleId :
BHB41

Tgt Ion: 96 Resp: 387172

Ion	Ratio	Lower	Upper
96	100		
61	116.8	82.3	152.9
68	0.0	0.0	0.0

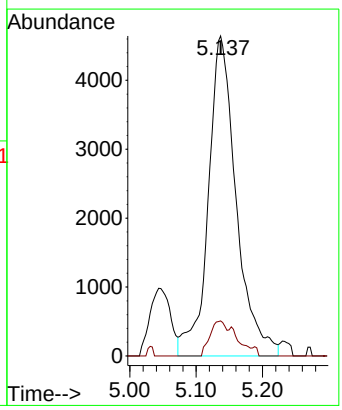


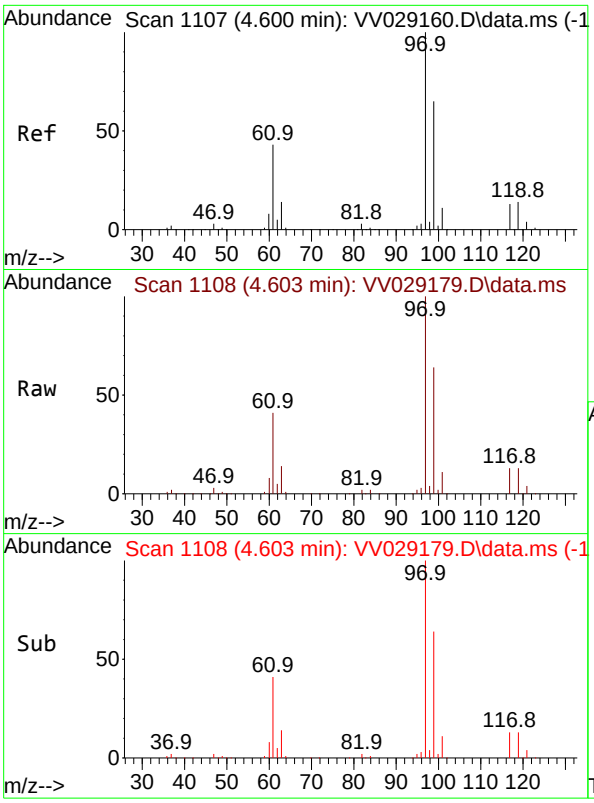


#27
1,2-Dichloroethane
Concen: 0.684 ug/L
RT: 5.137 min Scan# 1274
Delta R.T. 0.013 min
Lab File: VV029179.D
Acq: 19 Nov 2022 18:37

Tgt Ion: 62 Resp: 13578

Ion	Ratio	Lower	Upper
62	100		
98	10.9	9.0	13.6



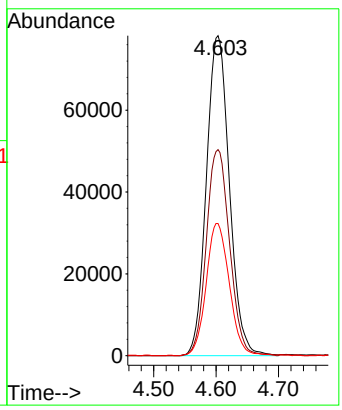


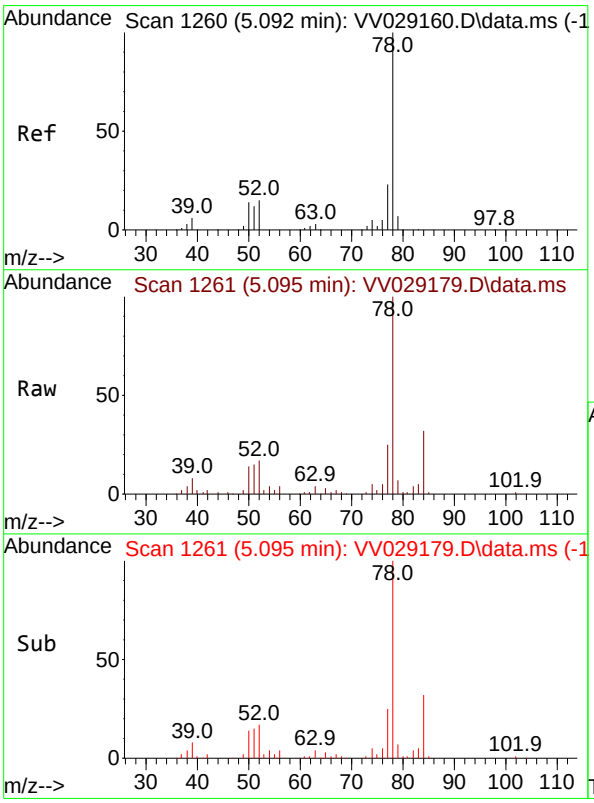
#29
1,1,1-Trichloroethane
Concen: 5.700 ug/L
RT: 4.603 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV029179.D
Acq: 19 Nov 2022 18:37

Instrument :
MSVOA_V
ClientSampleId :
BHB41

Tgt Ion: 97 Resp: 200579

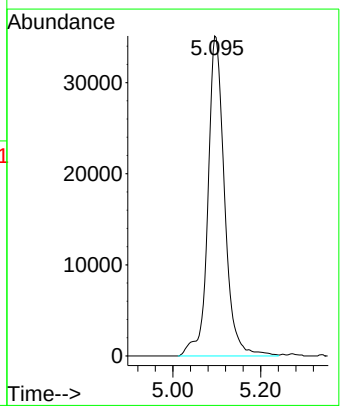
Ion	Ratio	Lower	Upper
97	100		
99	65.1	52.7	79.1
61	41.7	33.8	50.6

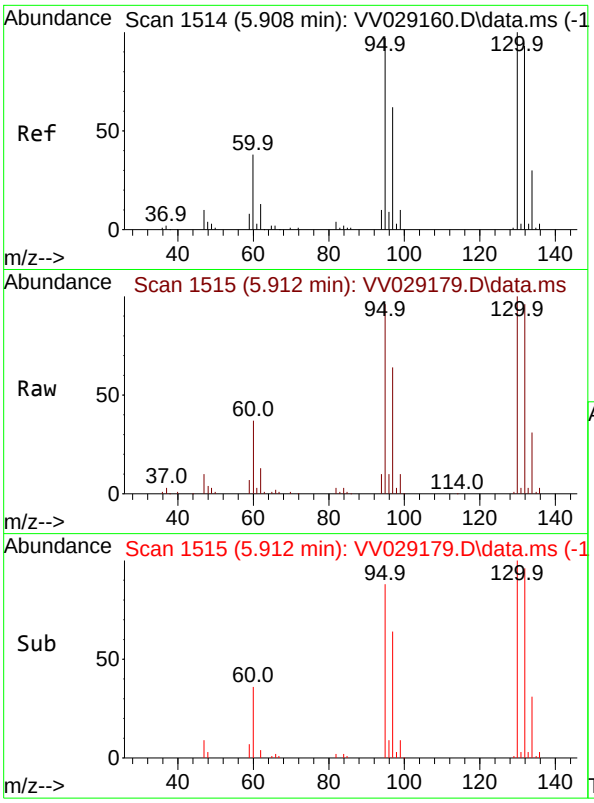




#33
Benzene
Concen: 1.008 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.003 min
Lab File: VV029179.D
Acq: 19 Nov 2022 18:37

Tgt Ion: 78 Resp: 92341



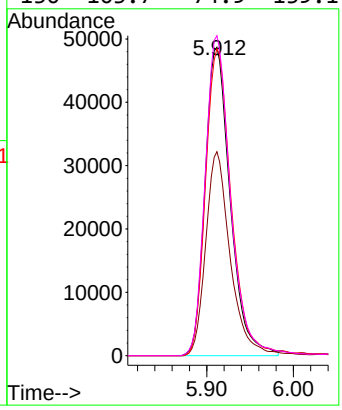


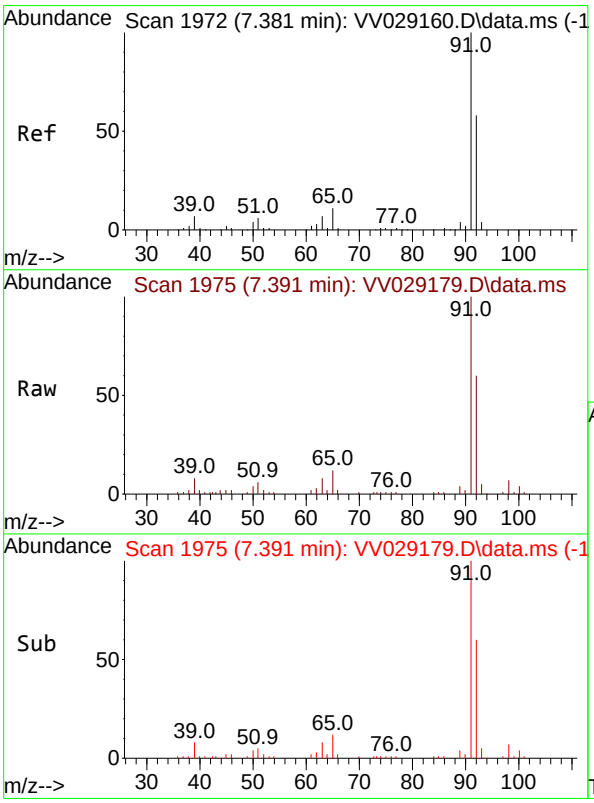
#34
Trichloroethene
Concen: 4.176 ug/L
RT: 5.912 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV029179.D
Acq: 19 Nov 2022 18:37

Instrument :
MSVOA_V
ClientSampleId :
BHB41

Tgt Ion: 95 Resp: 97981

Ion	Ratio	Lower	Upper
95	100		
97	66.1	45.6	84.8
132	99.5	69.1	128.3
130	103.7	74.9	139.1

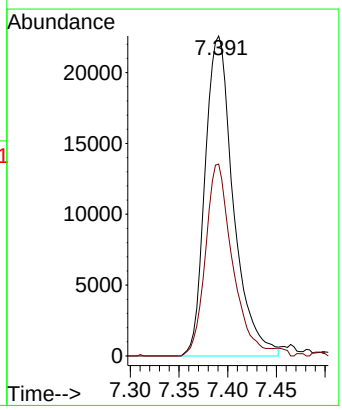


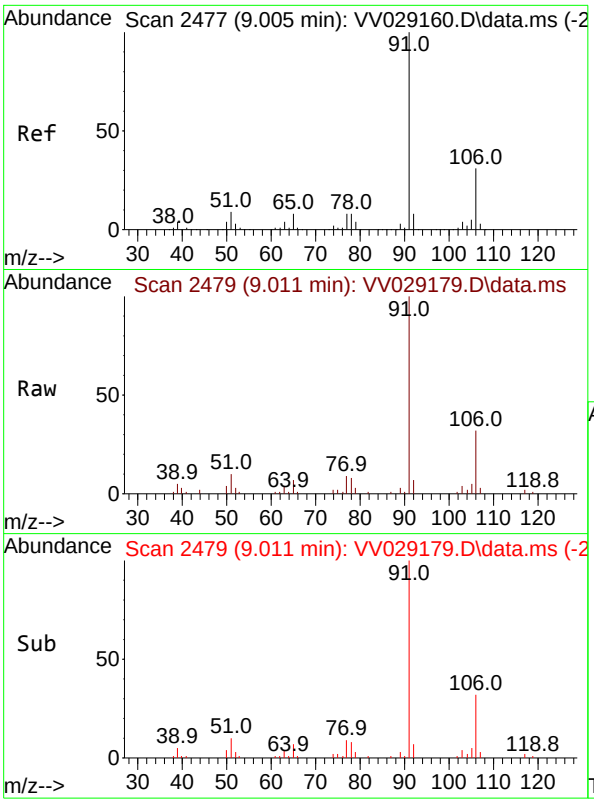


#42
Toluene
Concen: 0.460 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. 0.010 min
Lab File: VV029179.D
Acq: 19 Nov 2022 18:37

Tgt Ion: 91 Resp: 45571

Ion	Ratio	Lower	Upper
91	100		
92	60.0	40.7	75.5



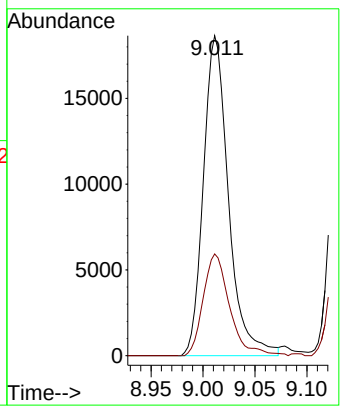


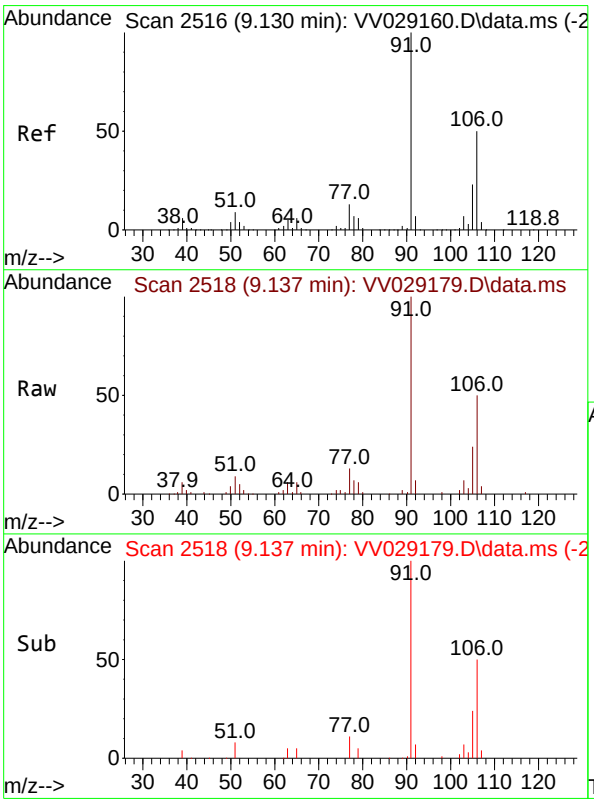
#52
Ethylbenzene
Concen: 0.304 ug/L
RT: 9.011 min Scan# 24
Delta R.T. 0.006 min
Lab File: VV029179.D
Acq: 19 Nov 2022 18:37

Instrument :
MSVOA_V
ClientSampleId :
BHB41

Tgt Ion: 91 Resp: 31299

Ion	Ratio	Lower	Upper
91	100		
106	31.8	21.6	40.2

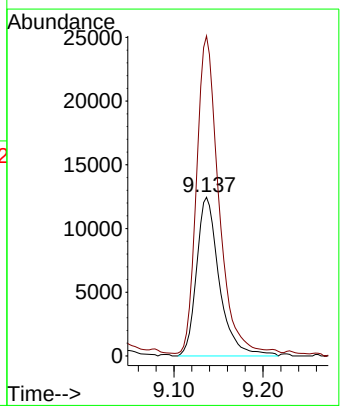


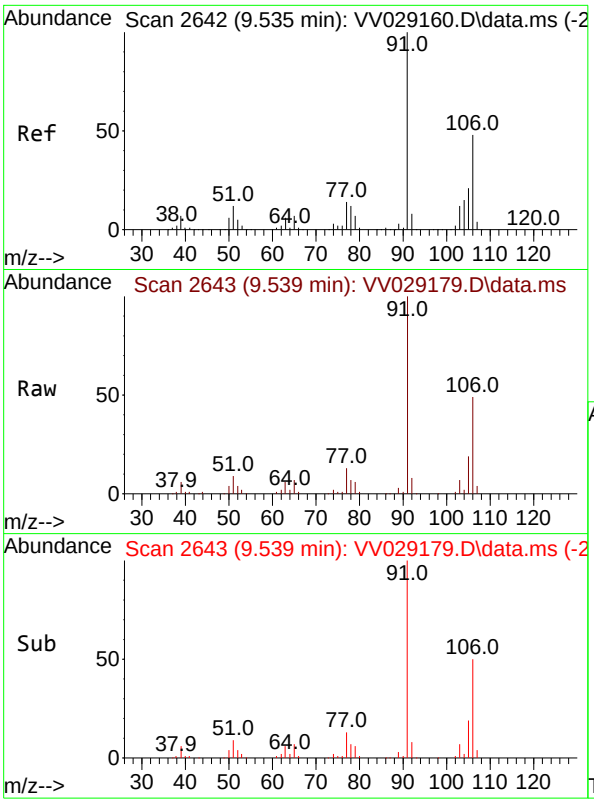


#53
m,p-Xylene
Concen: 0.540 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. 0.006 min
Lab File: VV029179.D
Acq: 19 Nov 2022 18:37

Tgt Ion:106 Resp: 22122

Ion	Ratio	Lower	Upper
106	100		
91	201.6	139.1	258.3



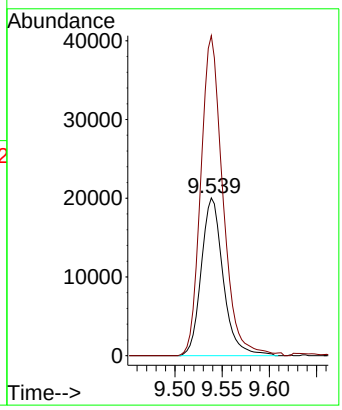


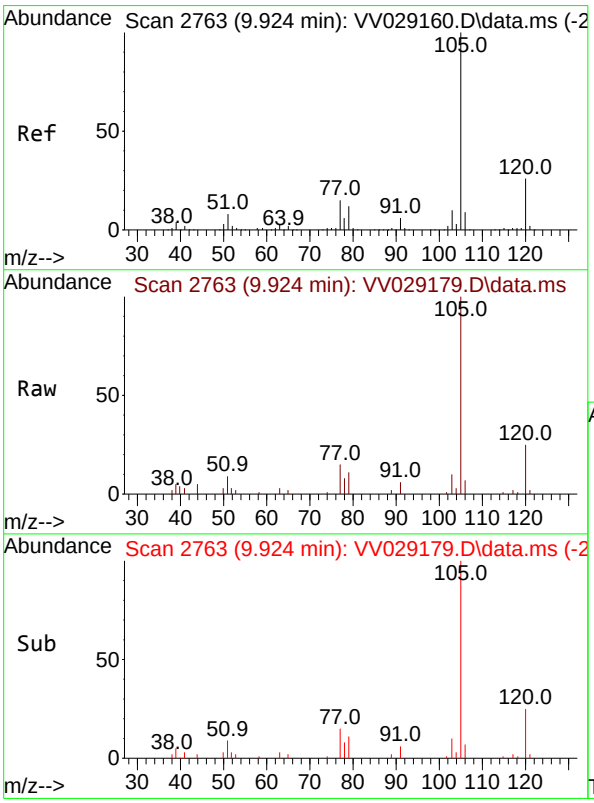
#54
o-Xylene
Concen: 0.829 ug/L
RT: 9.539 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV029179.D
Acq: 19 Nov 2022 18:37

Instrument :
MSVOA_V
ClientSampleId :
BHB41

Tgt Ion:106 Resp: 32324

Ion	Ratio	Lower	Upper
106	100		
91	202.8	145.7	270.7

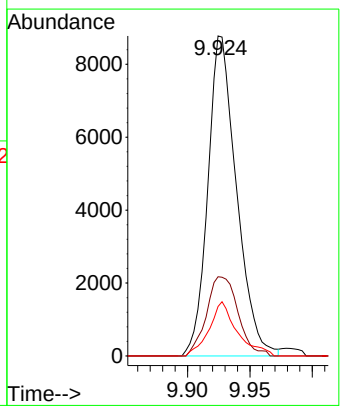


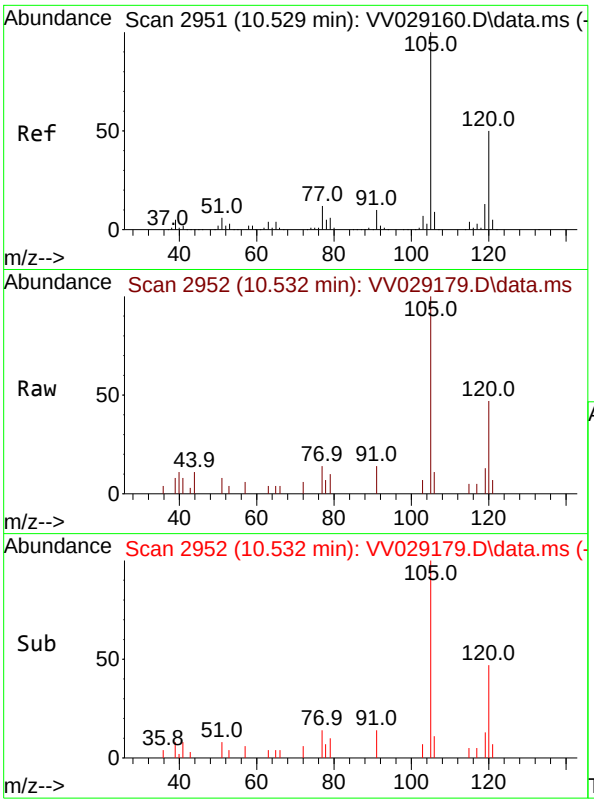


#60
Isopropylbenzene
Concen: 0.148 ug/L
RT: 9.924 min Scan# 2763
Delta R.T. -0.000 min
Lab File: VV029179.D
Acq: 19 Nov 2022 18:37

Tgt Ion:105 Resp: 14072

Ion	Ratio	Lower	Upper
105	100		
120	27.2	21.3	31.9
77	16.6	11.8	17.8



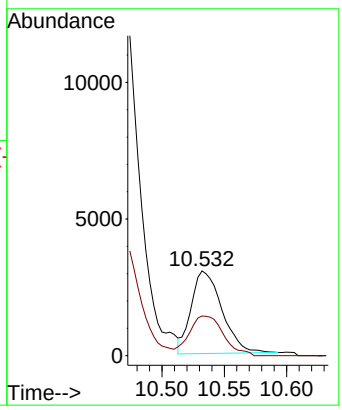


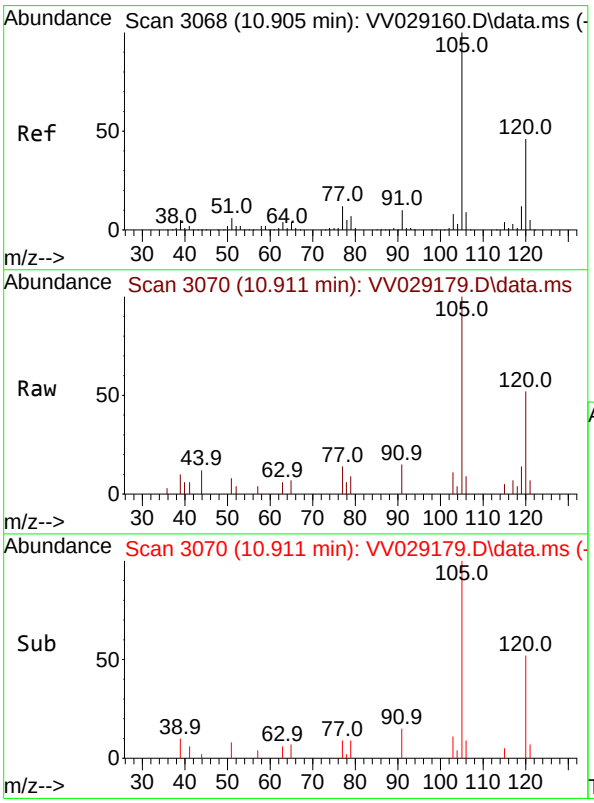
#62
1,3,5-Trimethylbenzene
Concen: 0.064 ug/L
RT: 10.532 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV029179.D
Acq: 19 Nov 2022 18:37

Instrument :
MSVOA_V
ClientSampleId :
BHB41

Tgt Ion:105 Resp: 5180

Ion	Ratio	Lower	Upper
105	100		
120	53.4	39.9	59.9





#63
1,2,4-Trimethylbenzene
Concen: 0.076 ug/L
RT: 10.911 min Scan# 3070
Delta R.T. 0.006 min
Lab File: VV029179.D
Acq: 19 Nov 2022 18:37

Tgt Ion:105 Resp: 6139

Ion	Ratio	Lower	Upper
105	100		
120	45.6	37.8	56.8