Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102122\
Data File : VV028667.D
Acq On : 21 Oct 2022 17:09
Operator : SY/MD
Sample : N5216-13
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHAC2

Quant Time: Oct 21 23:04:15 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102022WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 21 22:58:36 2022
Response via : Initial Calibration

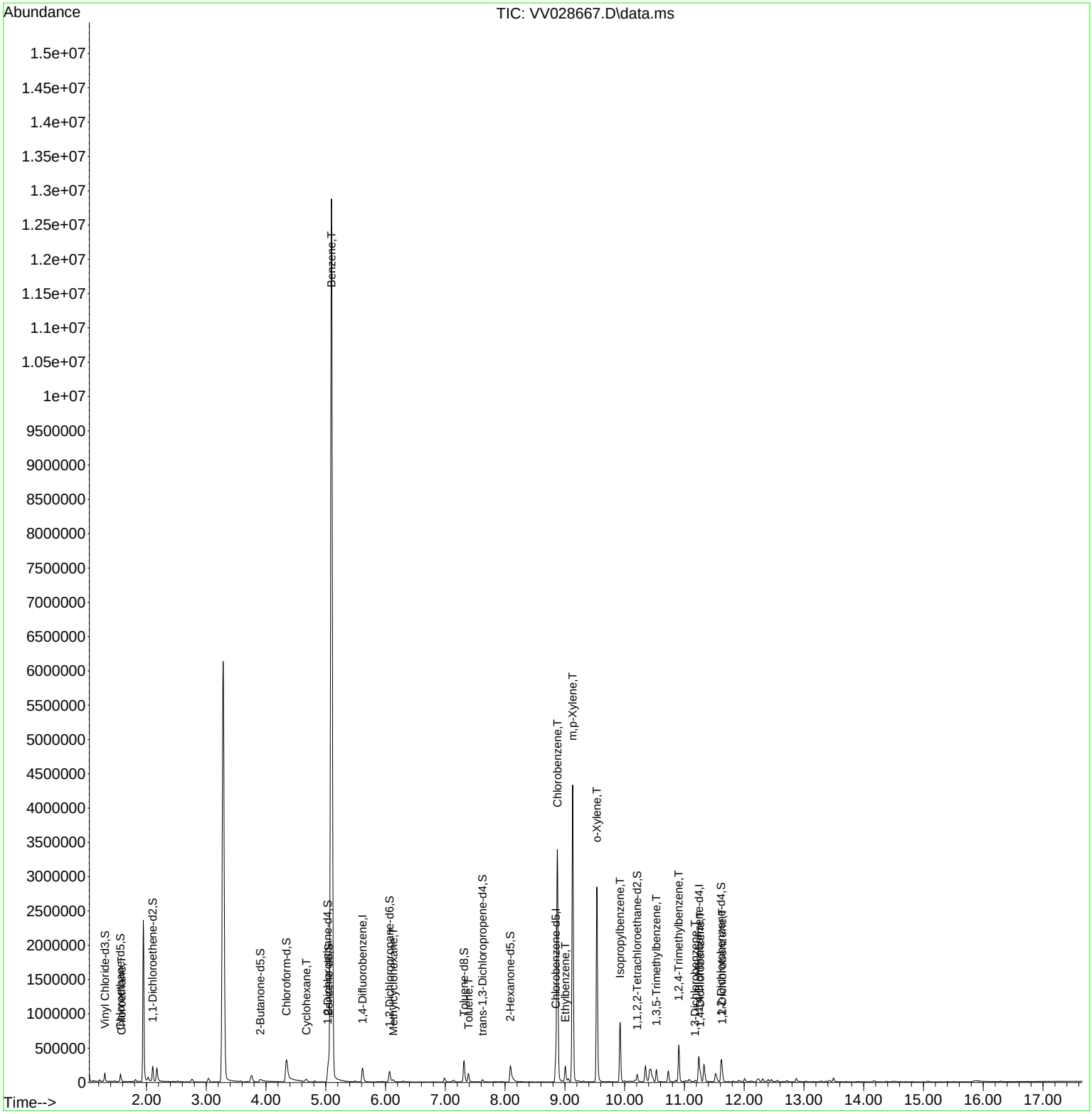
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	166328	5.000	ug/L	0.02
28) Chlorobenzene-d5	8.847	117	159314	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	79755	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	78276	4.753	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 95.000%			
7) Chloroethane-d5	1.564	69	67660	5.227	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 104.600%			
11) 1,1-Dichloroethene-d2	2.105	63	117124	4.093	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 81.800%			
20) 2-Butanone-d5	3.905	46	91745	29.601	ug/L	-0.04
Spiked Amount 50.000	Range 40 - 130		Recovery = 59.200%			
24) Chloroform-d	4.342	84	113460	4.645	ug/L	0.01
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.000%			
26) 1,2-Dichloroethane-d4	5.031	65	58329	4.409	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.200%			
32) Benzene-d6	5.047	84	243500	3.513	ug/L	0.02
Spiked Amount 5.000	Range 70 - 125		Recovery = 70.200%			
36) 1,2-Dichloropropane-d6	6.066	67	79378	3.652	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 73.000%			
41) Toluene-d8	7.313	98	199683	3.983	ug/L	0.01
Spiked Amount 5.000	Range 70 - 130		Recovery = 79.600%			
43) trans-1,3-Dichloroprop...	7.622	79	18677	3.540	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 70.800%			
46) 2-Hexanone-d5	8.088	63	109940	50.182	ug/L	-0.02
Spiked Amount 50.000	Range 45 - 130		Recovery = 100.360%			
56) 1,1,2,2-Tetrachloroeth...	10.210	84	49894	4.860	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.200%			
66) 1,2-Dichlorobenzene-d4	11.615	152	67194	4.687	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.800%			
Target Compounds						Qvalue
8) Chloroethane	1.584	64	14341	1.367	ug/L	97
30) Cyclohexane	4.674	56	20020	0.666	ug/L	94
33) Benzene	5.095	78	11861227	158.704	ug/L	100
35) Methylcyclohexane	6.130	83	10994	0.406	ug/L	94
42) Toluene	7.387	91	87755	1.418	ug/L	96
51) Chlorobenzene	8.876	112	1619140	44.746	ug/L	99
52) Ethylbenzene	9.008	91	156309	2.443	ug/L	96
53) m,p-Xylene	9.130	106	1093325	46.762	ug/L	99
54) o-Xylene	9.535	106	685604	29.567	ug/L	95
60) Isopropylbenzene	9.924	105	526432	7.898	ug/L	100
62) 1,3,5-Trimethylbenzene	10.532	105	79263	4.140	ug/L	98
63) 1,2,4-Trimethylbenzene	10.905	105	276451	5.362	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	4841	0.183	ug/L	94
65) 1,4-Dichlorobenzene	11.265	146	43483	1.632	ug/L	99
67) 1,2-Dichlorobenzene	11.635	146	36375	1.482	ug/L	97

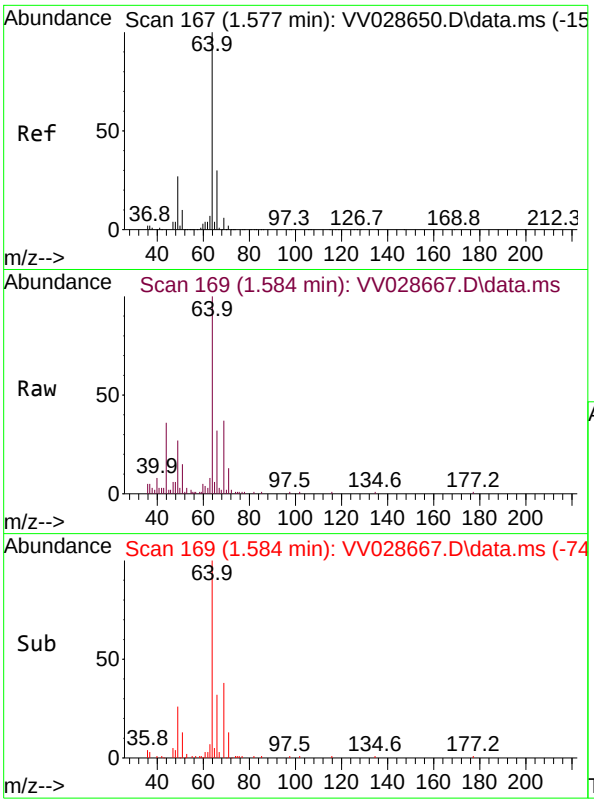
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102122\
Data File : VV028667.D
Acq On : 21 Oct 2022 17:09
Operator : SY/MD
Sample : N5216-13
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHAC2

Quant Time: Oct 21 23:04:15 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102022WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 21 22:58:36 2022
Response via : Initial Calibration



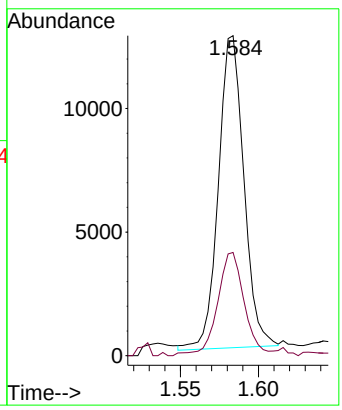


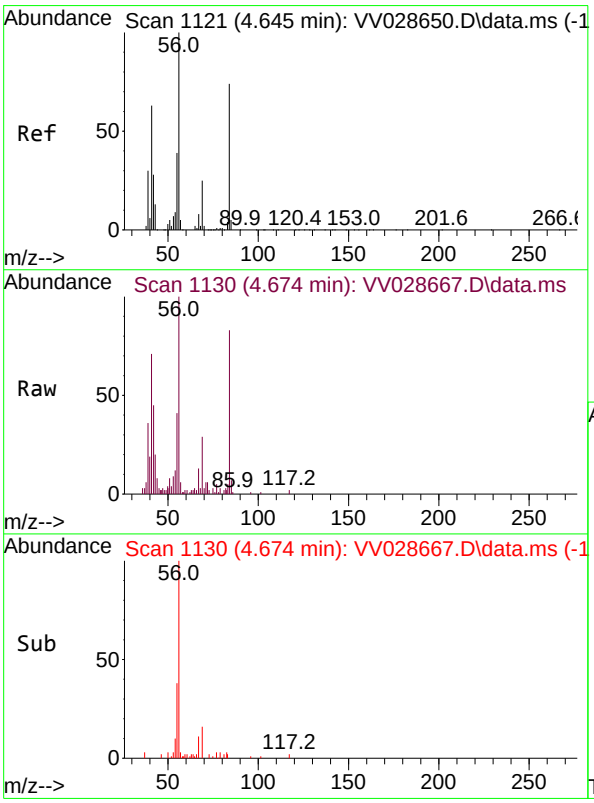
#8
Chloroethane
Concen: 1.367 ug/L
RT: 1.584 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV028667.D
Acq: 21 Oct 2022 17:09

Instrument :
MSVOA_V
ClientSampleId :
BHAC2

Tgt Ion: 64 Resp: 14341

Ion	Ratio	Lower	Upper
64	100		
66	32.2	23.9	44.5

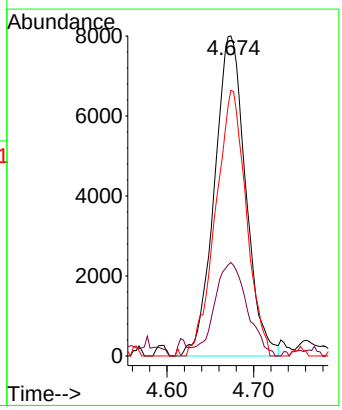


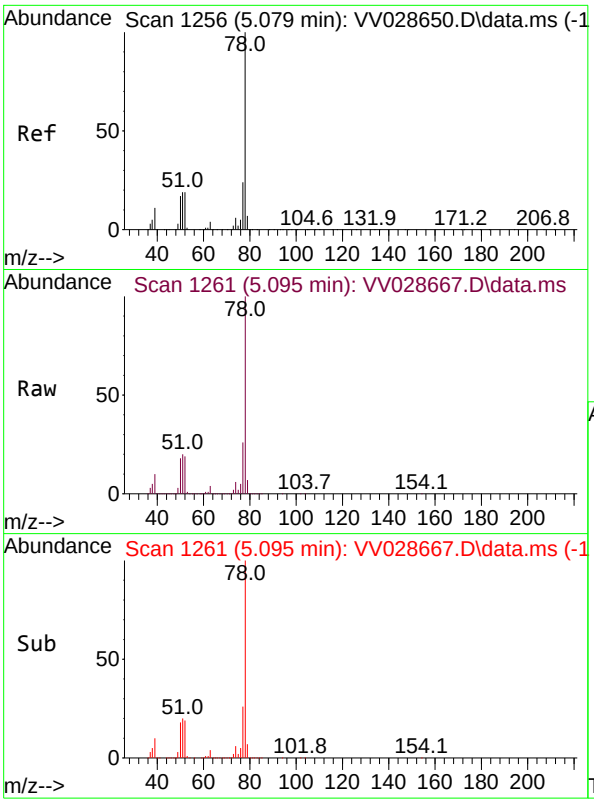


#30
Cyclohexane
Concen: 0.666 ug/L
RT: 4.674 min Scan# 1130
Delta R.T. 0.029 min
Lab File: VV028667.D
Acq: 21 Oct 2022 17:09

Tgt Ion: 56 Resp: 20020

Ion	Ratio	Lower	Upper
56	100		
69	30.5	22.6	34.0
84	81.3	60.4	90.6

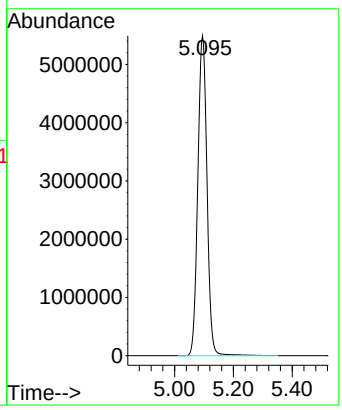


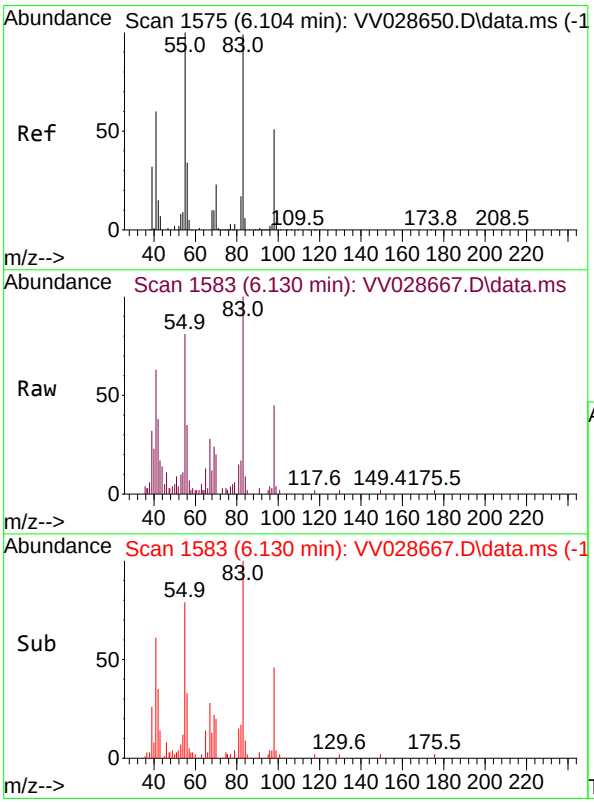


#33
Benzene
Concen: 158.704 ug/L
RT: 5.095 min Scan# 1
Delta R.T. 0.016 min
Lab File: VV028667.D
Acq: 21 Oct 2022 17:09

Instrument :
MSVOA_V
ClientSampleId :
BHAC2

Tgt Ion: 78 Resp:11861227

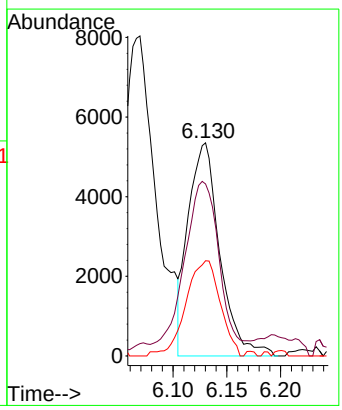


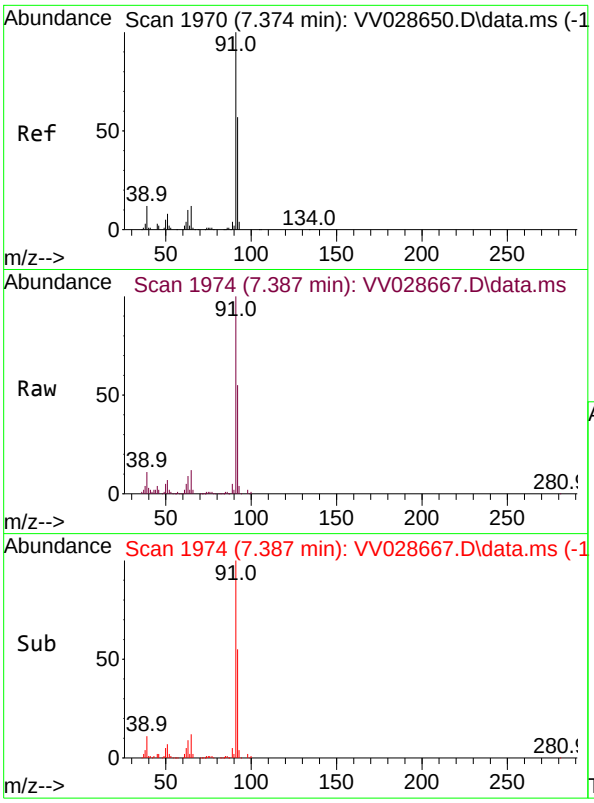


#35
Methylcyclohexane
Concen: 0.406 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.026 min
Lab File: VV028667.D
Acq: 21 Oct 2022 17:09

Tgt Ion: 83 Resp: 10994

Ion	Ratio	Lower	Upper
83	100		
55	81.7	70.0	105.0
98	48.3	35.6	53.4



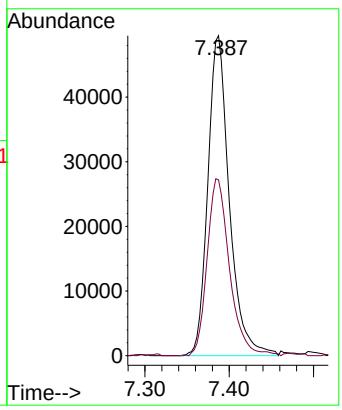


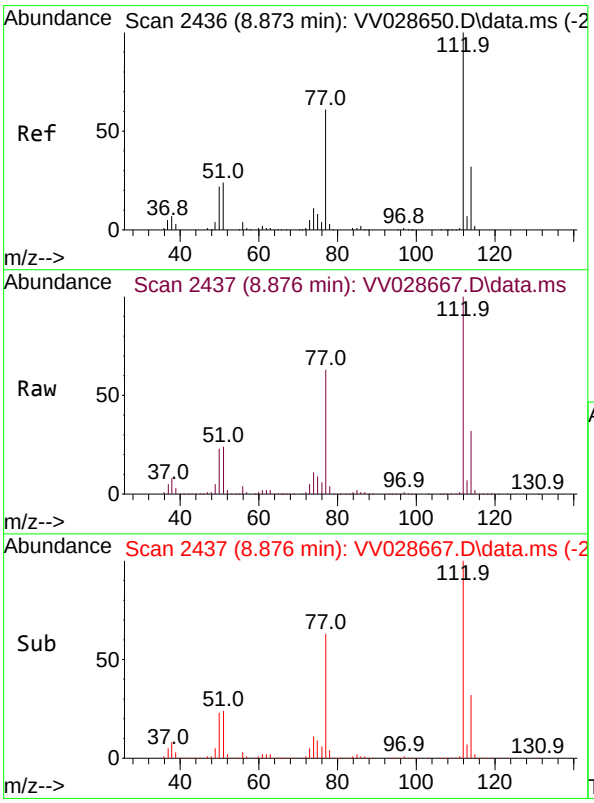
#42
Toluene
Concen: 1.418 ug/L
RT: 7.387 min Scan# 1
Delta R.T. 0.013 min
Lab File: VV028667.D
Acq: 21 Oct 2022 17:09

Instrument :
MSVOA_V
ClientSampleId :
BHAC2

Tgt Ion: 91 Resp: 87755

Ion	Ratio	Lower	Upper
91	100		
92	54.9	40.5	75.3

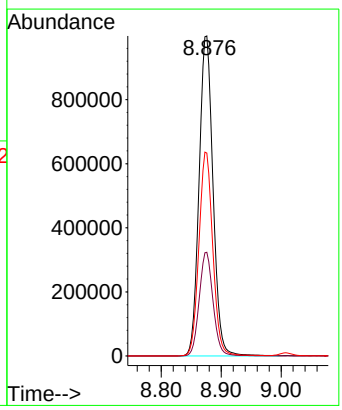


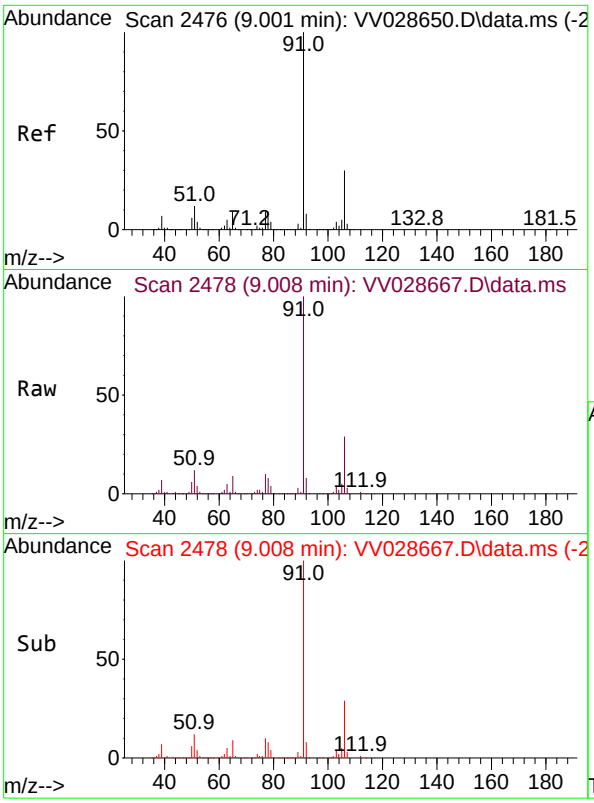


#51
Chlorobenzene
Concen: 44.746 ug/L
RT: 8.876 min Scan# 2437
Delta R.T. 0.003 min
Lab File: VV028667.D
Acq: 21 Oct 2022 17:09

Tgt Ion:112 Resp: 1619140

Ion	Ratio	Lower	Upper
112	100		
114	32.4	22.0	41.0
77	63.4	50.0	75.0



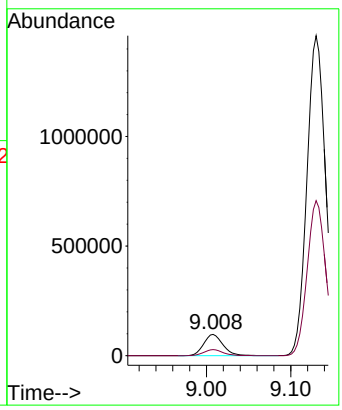


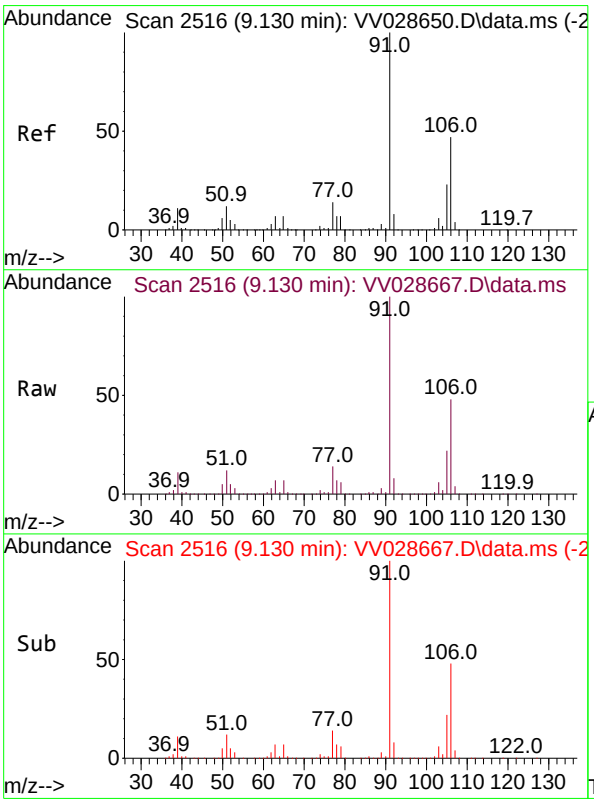
#52
Ethylbenzene
Concen: 2.443 ug/L
RT: 9.008 min Scan# 24
Delta R.T. 0.006 min
Lab File: VV028667.D
Acq: 21 Oct 2022 17:09

Instrument :
MSVOA_V
ClientSampleId :
BHAC2

Tgt Ion: 91 Resp: 156309

Ion	Ratio	Lower	Upper
91	100		
106	28.5	21.3	39.6

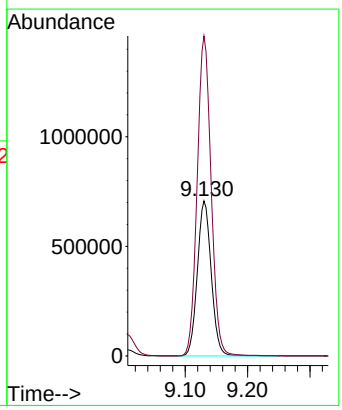


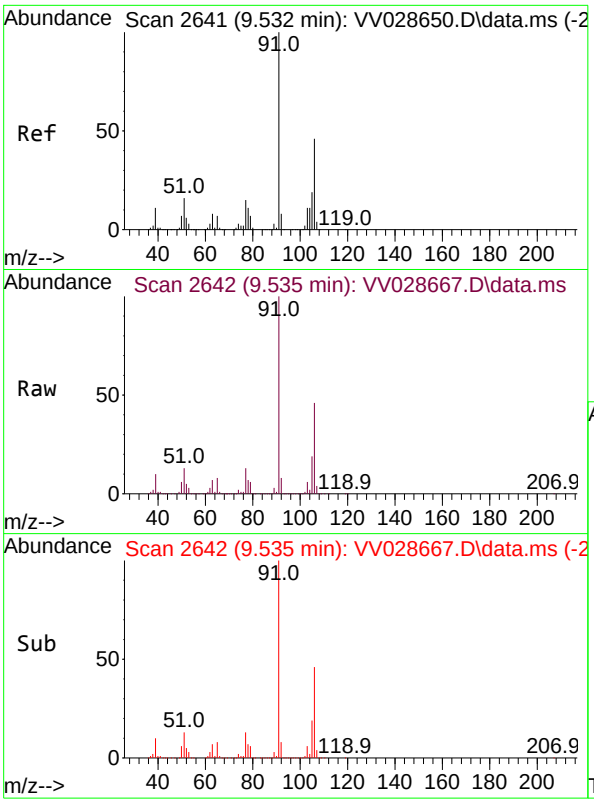


#53
m,p-Xylene
Concen: 46.762 ug/L
RT: 9.130 min Scan# 2516
Delta R.T. 0.000 min
Lab File: VV028667.D
Acq: 21 Oct 2022 17:09

Tgt Ion:106 Resp: 1093325

Ion	Ratio	Lower	Upper
106	100		
91	206.5	145.5	270.1



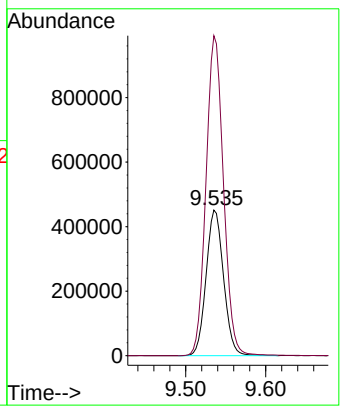


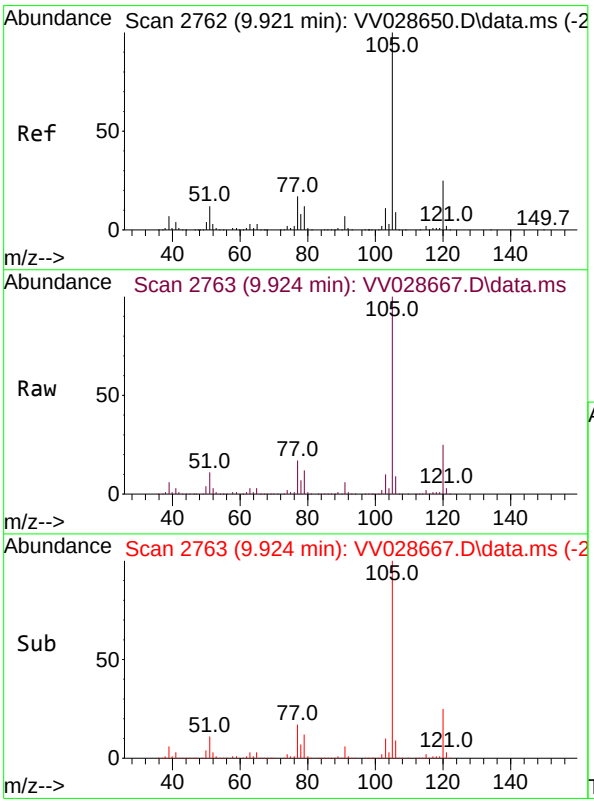
#54
o-Xylene
Concen: 29.567 ug/L
RT: 9.535 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV028667.D
Acq: 21 Oct 2022 17:09

Instrument :
MSVOA_V
ClientSampleId :
BHAC2

Tgt Ion:106 Resp: 685604

Ion	Ratio	Lower	Upper
106	100		
91	219.7	159.0	295.4

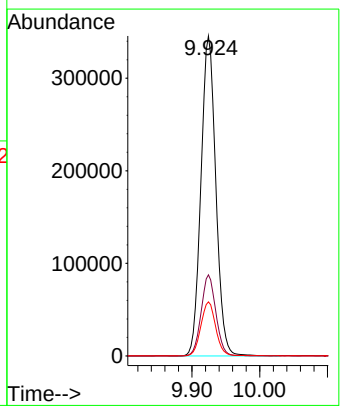


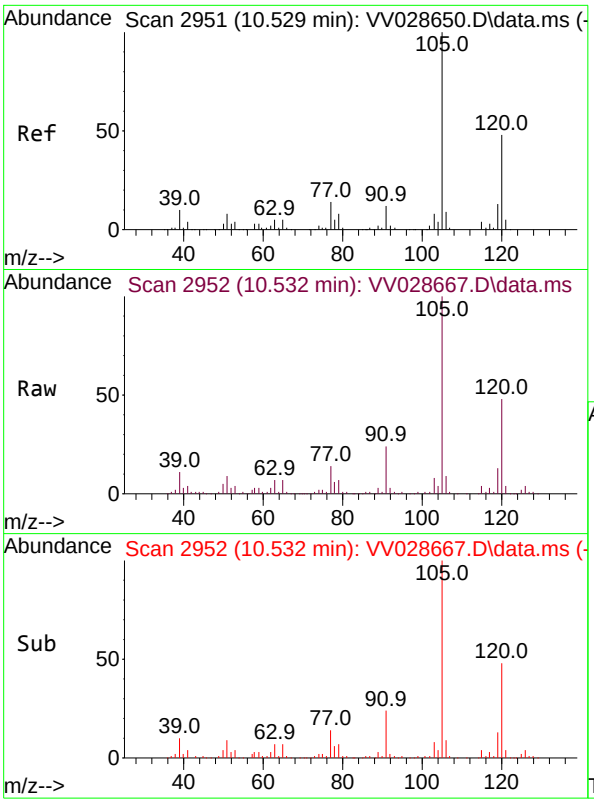


#60
Isopropylbenzene
Concen: 7.898 ug/L
RT: 9.924 min Scan# 2763
Delta R.T. 0.003 min
Lab File: VV028667.D
Acq: 21 Oct 2022 17:09

Tgt Ion:105 Resp: 526432

Ion	Ratio	Lower	Upper
105	100		
120	25.1	20.1	30.1
77	16.8	13.4	20.0



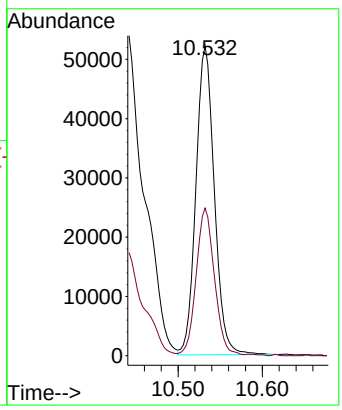


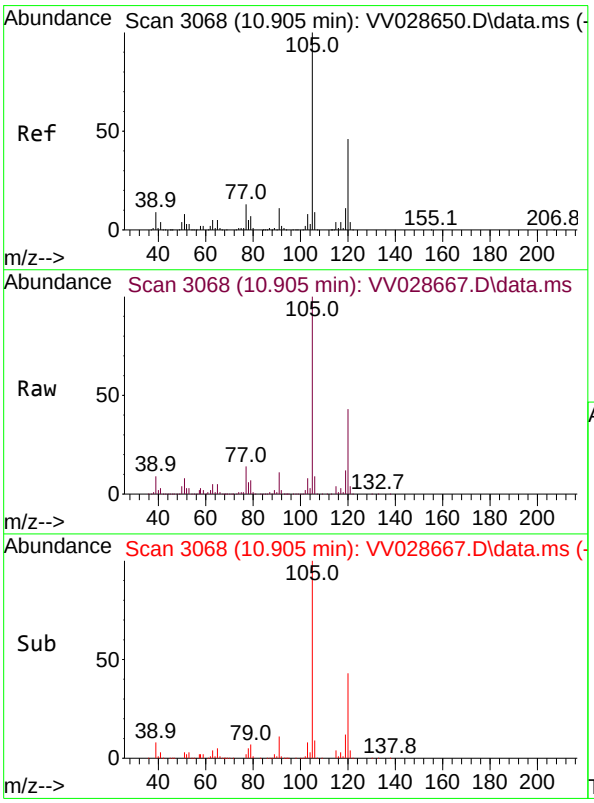
#62
1,3,5-Trimethylbenzene
Concen: 4.140 ug/L
RT: 10.532 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV028667.D
Acq: 21 Oct 2022 17:09

Instrument :
MSVOA_V
ClientSampleId :
BHAC2

Tgt Ion:105 Resp: 79263

Ion	Ratio	Lower	Upper
105	100		
120	46.6	38.3	57.5

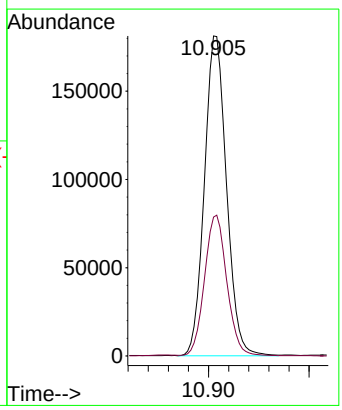


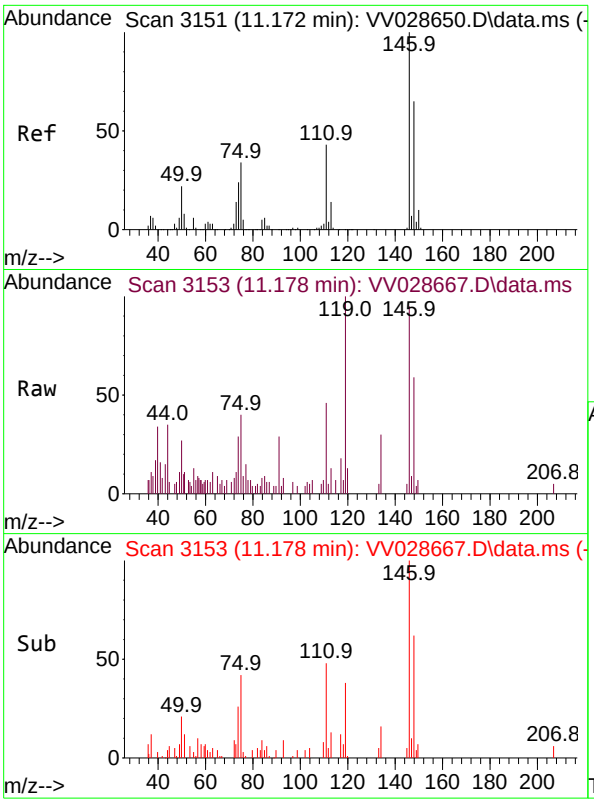


#63
1,2,4-Trimethylbenzene
Concen: 5.362 ug/L
RT: 10.905 min Scan# 3068
Delta R.T. 0.000 min
Lab File: VV028667.D
Acq: 21 Oct 2022 17:09

Tgt Ion:105 Resp: 276451

Ion	Ratio	Lower	Upper
105	100		
120	44.3	36.2	54.2



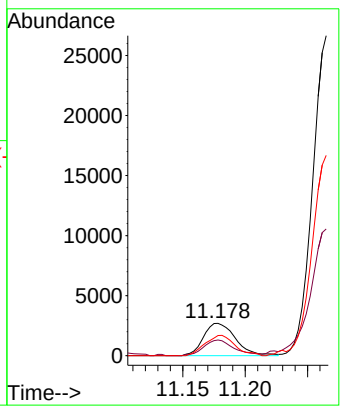


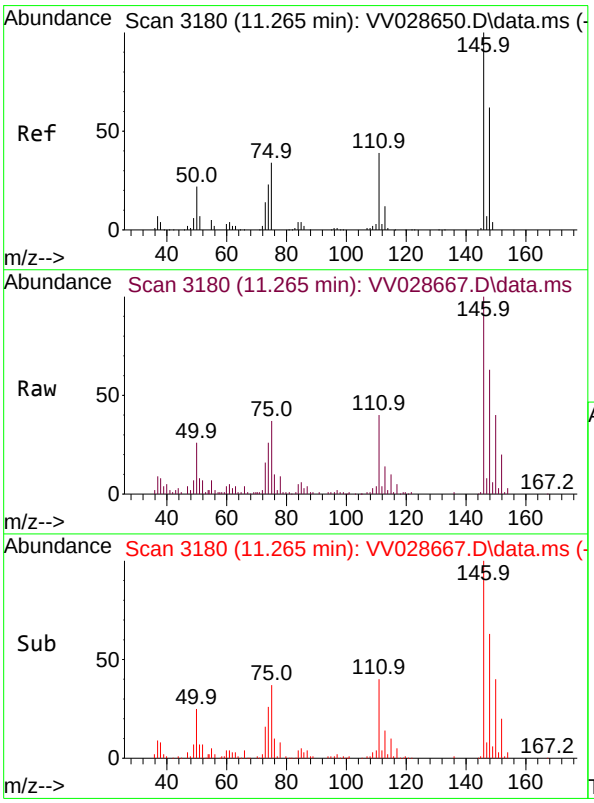
#64
1,3-Dichlorobenzene
Concen: 0.183 ug/L
RT: 11.178 min Scan# 3
Delta R.T. 0.006 min
Lab File: VV028667.D
Acq: 21 Oct 2022 17:09

Instrument :
MSVOA_V
ClientSampleId :
BHAC2

Tgt Ion:146 Resp: 4841

Ion	Ratio	Lower	Upper
146	100		
111	48.5	29.0	53.9
148	62.1	44.5	82.7

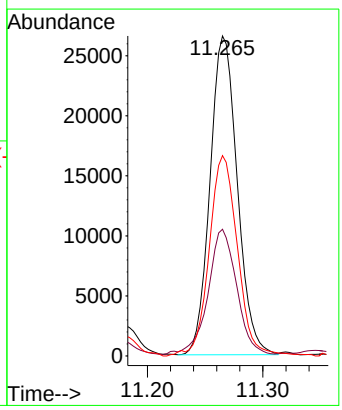


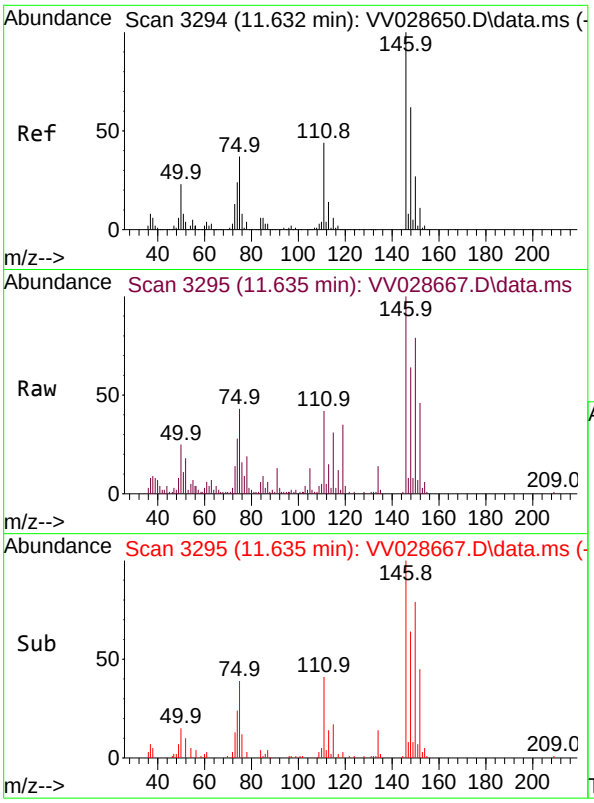


#65
1,4-Dichlorobenzene
Concen: 1.632 ug/L
RT: 11.265 min Scan# 3180
Delta R.T. 0.000 min
Lab File: VV028667.D
Acq: 21 Oct 2022 17:09

Tgt Ion:146 Resp: 43483

Ion	Ratio	Lower	Upper
146	100		
111	39.6	28.6	53.2
148	62.6	44.3	82.3





#67
1,2-Dichlorobenzene
Concen: 1.482 ug/L
RT: 11.635 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV028667.D
Acq: 21 Oct 2022 17:09

Instrument :
MSVOA_V
ClientSampleId :
BHAC2

Tgt Ion:146 Resp: 36375

Ion	Ratio	Lower	Upper
146	100		
111	41.7	36.2	54.4
148	64.1	50.6	75.8