Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101422\
Data File : VV028558.D
Acq On : 14 Oct 2022 19:13
Operator : SY/MD
Sample : N5109-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFZ08

Quant Time: Oct 15 02:59:30 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Oct 15 02:57:21 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	242722	5.000	ug/L	0.02
28) Chlorobenzene-d5	8.847	117	222739	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	103240	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	118314	5.664	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 113.200%			
7) Chloroethane-d5	1.564	69	92120	5.364	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 107.200%			
11) 1,1-Dichloroethene-d2	2.105	63	158798	4.197	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 84.000%			
20) 2-Butanone-d5	3.905	46	109859	24.464	ug/L	-0.04
Spiked Amount 50.000	Range 40 - 130		Recovery = 48.920%			
24) Chloroform-d	4.346	84	140622	4.396	ug/L	0.01
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.000%			
26) 1,2-Dichloroethane-d4	5.031	65	70572	4.233	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.600%			
32) Benzene-d6	5.047	84	305044	4.241	ug/L	0.02
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.800%			
36) 1,2-Dichloropropane-d6	6.066	67	97339	4.194	ug/L	0.01
Spiked Amount 5.000	Range 60 - 140		Recovery = 83.800%			
41) Toluene-d8	7.310	98	259973	4.562	ug/L	0.02
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.200%			
43) trans-1,3-Dichloroprop...	7.622	79	25642	3.270	ug/L	0.01
Spiked Amount 5.000	Range 55 - 130		Recovery = 65.400%			
46) 2-Hexanone-d5	8.088	63	122506	36.200	ug/L	-0.01
Spiked Amount 50.000	Range 45 - 130		Recovery = 72.400%			
56) 1,1,2,2-Tetrachloroeth...	10.210	84	56262	4.071	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 81.400%			
66) 1,2-Dichlorobenzene-d4	11.616	152	77516	4.550	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 91.000%			
Target Compounds						Qvalue
5) Vinyl chloride	1.307	62	40606	1.817	ug/L	98
12) 1,1-Dichloroethene	2.114	96	7426	0.492	ug/L #	1
18) trans-1,2-Dichloroethene	2.761	96	4999	0.318	ug/L	89
19) 1,1-Dichloroethane	3.185	63	125452	3.542	ug/L	99
22) cis-1,2-Dichloroethene	3.905	96	117400	6.598	ug/L #	95
25) Chloroform	4.371	83	69949	2.084	ug/L	97
27) 1,2-Dichloroethane	5.140	62	9605	0.481	ug/L #	90
29) 1,1,1-Trichloroethane	4.606	97	29617	0.962	ug/L	98
30) Cyclohexane	4.667	56	7615	0.214	ug/L	93
33) Benzene	5.098	78	22560	0.287	ug/L	100
34) Trichloroethene	5.915	95	5655	0.301	ug/L	93
45) 1,1,2-Trichloroethane	7.844	97	4590	0.412	ug/L	94
51) Chlorobenzene	8.879	112	40213	0.878	ug/L	98
54) o-Xylene	9.542	106	4016	0.135	ug/L	95
64) 1,3-Dichlorobenzene	11.178	146	6929	0.218	ug/L	95
70) 1,2,4-trichlorobenzene	13.259	180	6860	0.387	ug/L	99
72) 1,2,3-Trichlorobenzene	13.738	180	3873	0.265	ug/L	96

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101422\
Data File : VV028558.D
Acq On : 14 Oct 2022 19:13
Operator : SY/MD
Sample : N5109-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFZ08

Quant Time: Oct 15 02:59:30 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Oct 15 02:57:21 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\VV101422\
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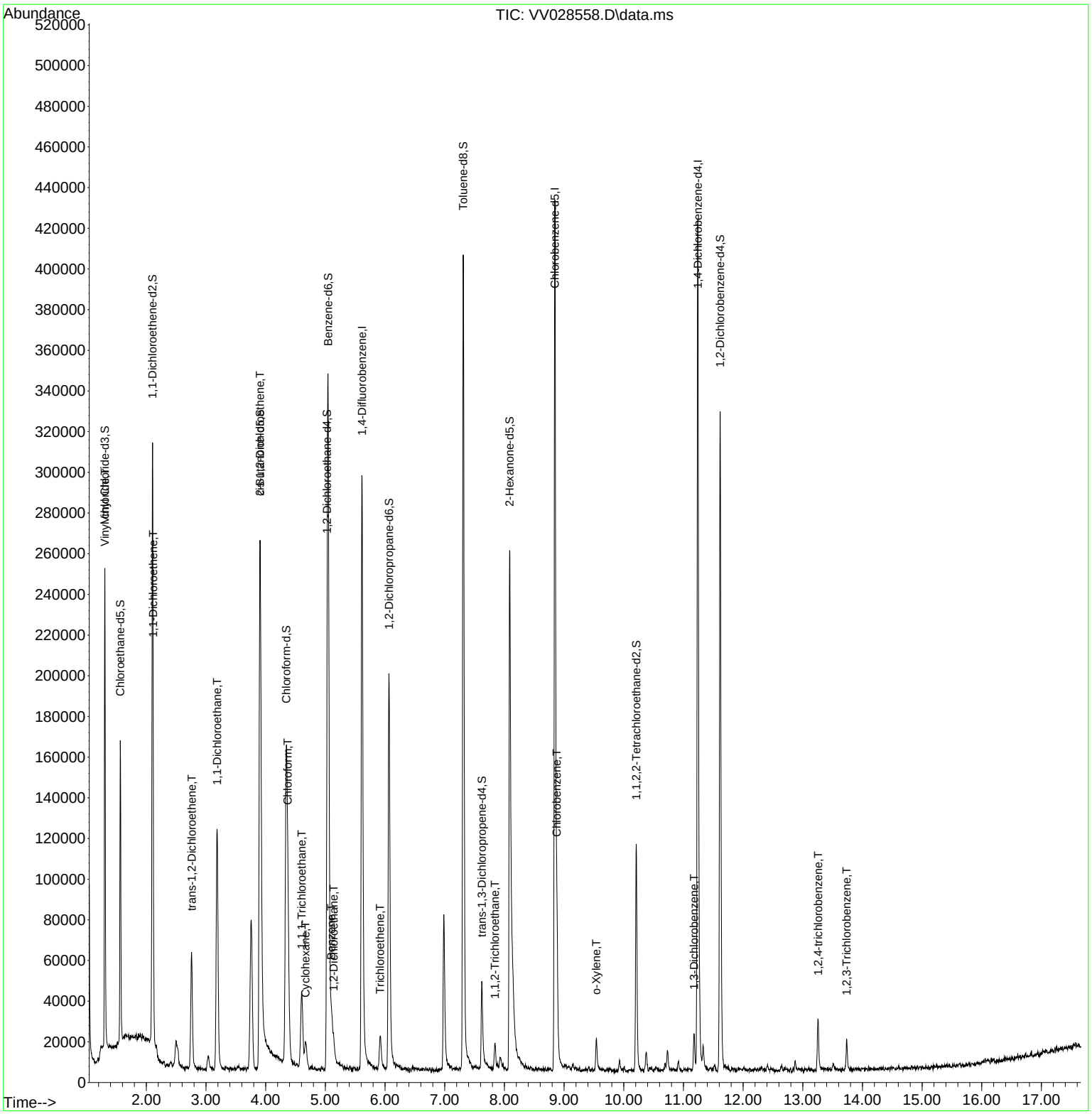
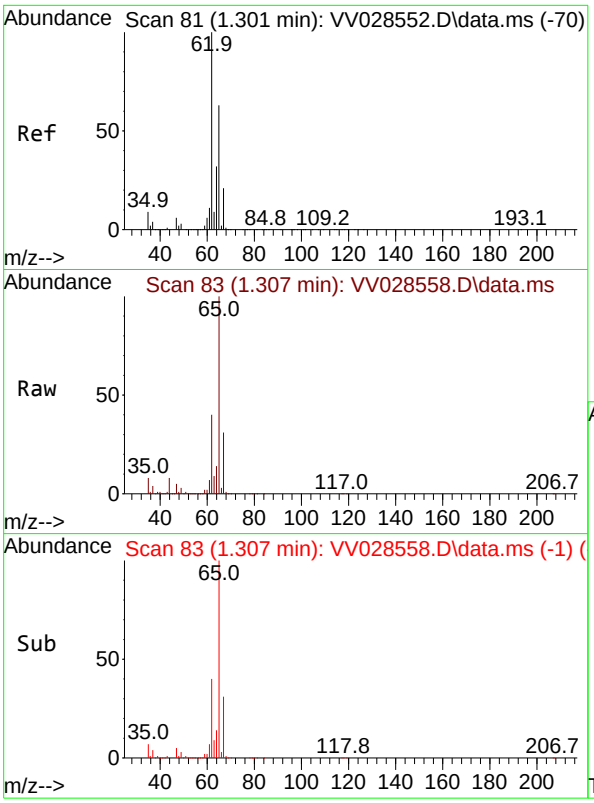
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Oct 15 02:57:21 2022
Response via : Initial Calibration



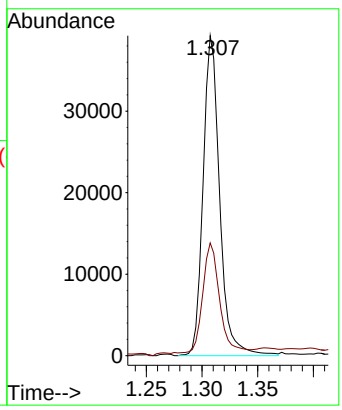


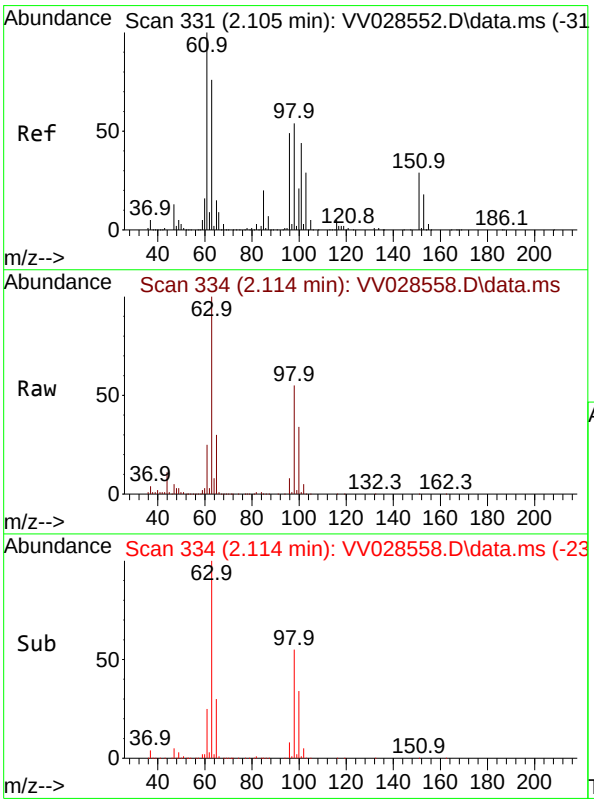
#5
Vinyl chloride
Concen: 1.817 ug/L
RT: 1.307 min Scan# 8
Delta R.T. 0.006 min
Lab File: VV028558.D
Acq: 14 Oct 2022 19:13

Instrument :
MSVOA_V
ClientSampleId :
BFZ08

Tgt Ion: 62 Resp: 40606

Ion	Ratio	Lower	Upper
62	100		
64	35.3	23.7	44.1

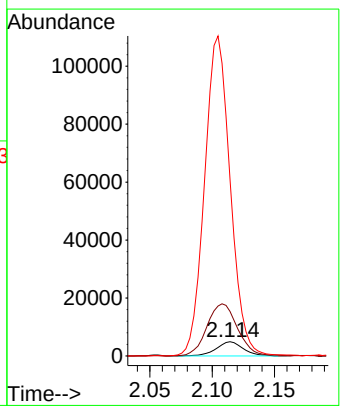


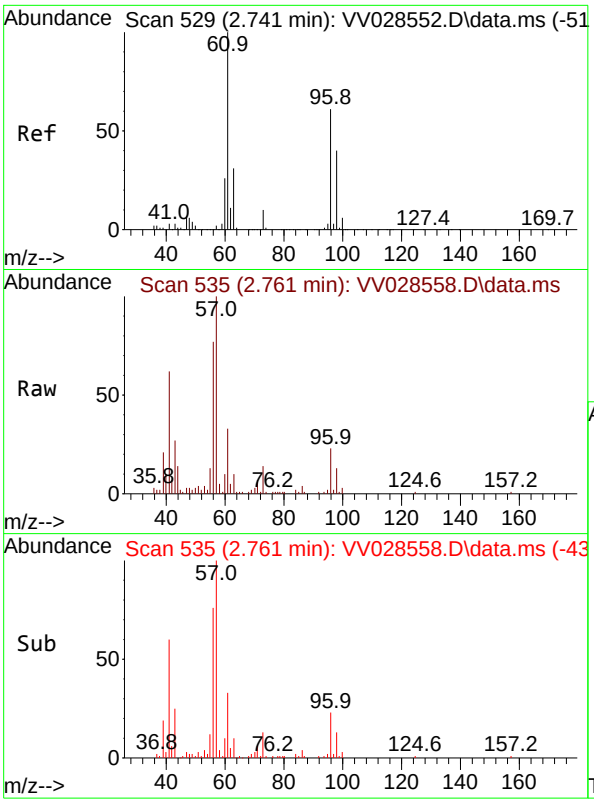


#12
1,1-Dichloroethene
Concen: 0.492 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.010 min
Lab File: VV028558.D
Acq: 14 Oct 2022 19:13

Tgt Ion: 96 Resp: 7426

Ion	Ratio	Lower	Upper
96	100		
61	311.0	142.9	265.5#
63	1232.1	102.3	190.1#



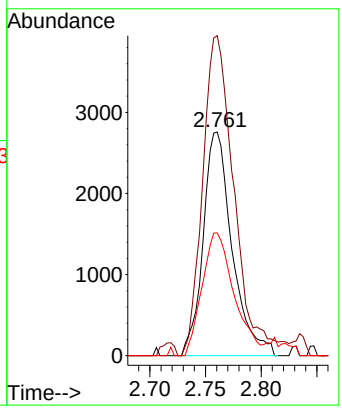


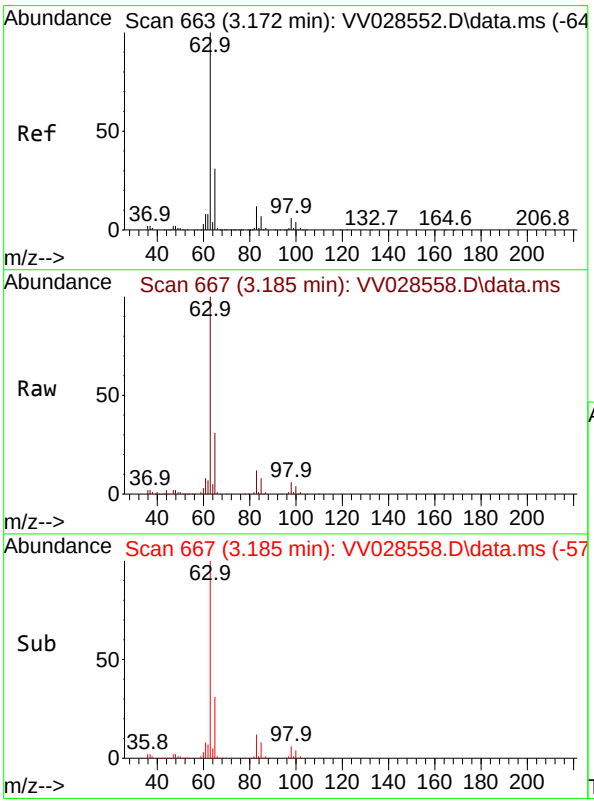
#18
trans-1,2-Dichloroethene
Concen: 0.318 ug/L
RT: 2.761 min Scan# 5
Delta R.T. 0.019 min
Lab File: VV028558.D
Acq: 14 Oct 2022 19:13

Instrument :
MSVOA_V
ClientSampleId :
BFZ08

Tgt Ion: 96 Resp: 4999

Ion	Ratio	Lower	Upper
96	100		
61	143.1	111.2	206.6
98	54.9	42.9	79.7

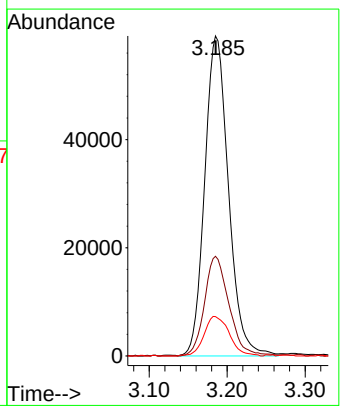


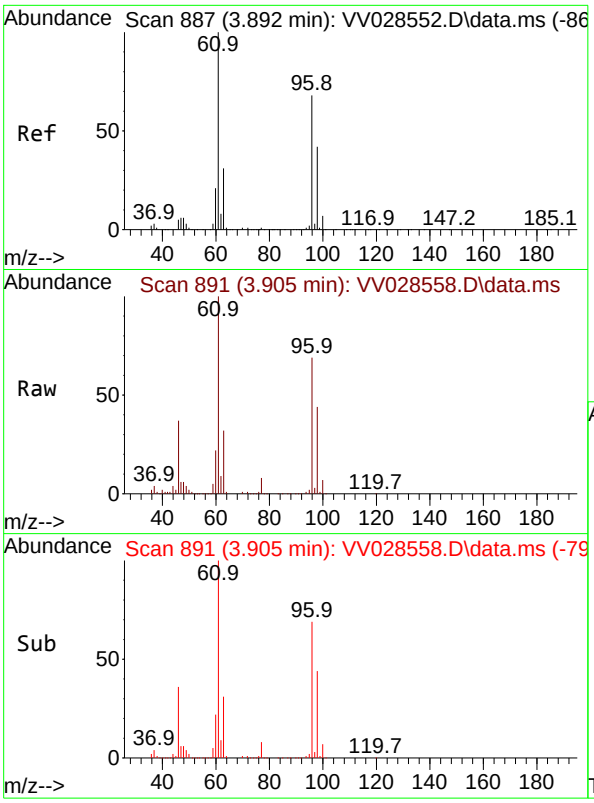


#19
1,1-Dichloroethane
Concen: 3.542 ug/L
RT: 3.185 min Scan# 667
Delta R.T. 0.013 min
Lab File: VV028558.D
Acq: 14 Oct 2022 19:13

Tgt Ion: 63 Resp: 125452

Ion	Ratio	Lower	Upper
63	100		
65	31.2	22.3	41.5
83	12.3	8.5	15.7



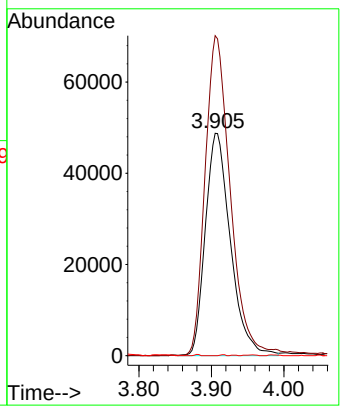


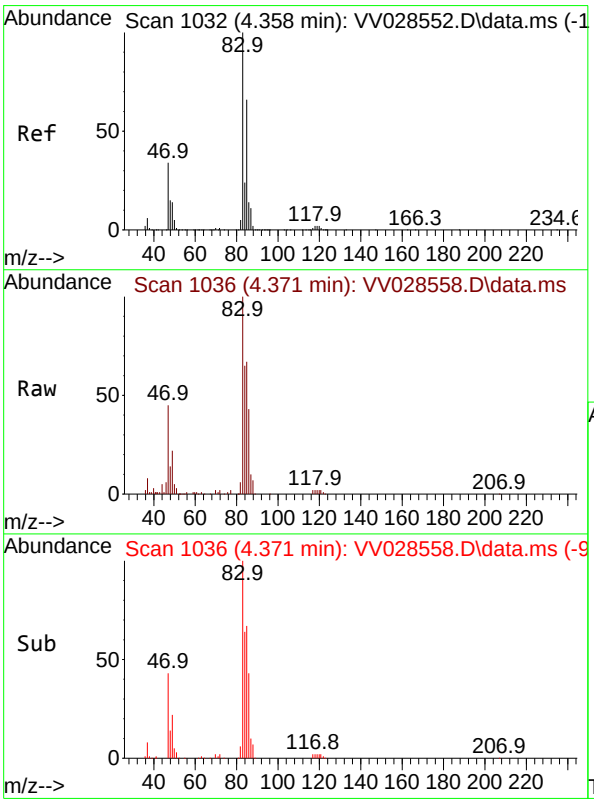
#22
cis-1,2-Dichloroethene
Concen: 6.598 ug/L
RT: 3.905 min Scan# 8
Delta R.T. 0.013 min
Lab File: VV028558.D
Acq: 14 Oct 2022 19:13

Instrument :
MSVOA_V
ClientSampleId :
BFZ08

Tgt Ion: 96 Resp: 117400

Ion	Ratio	Lower	Upper
96	100		
61	143.9	105.1	195.3
68	0.0	0.5	0.9#

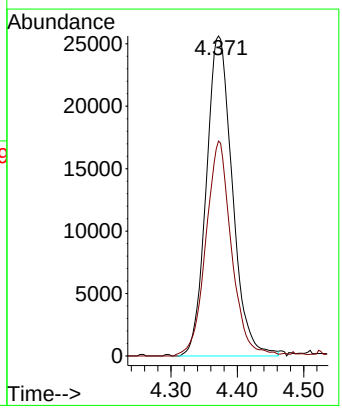


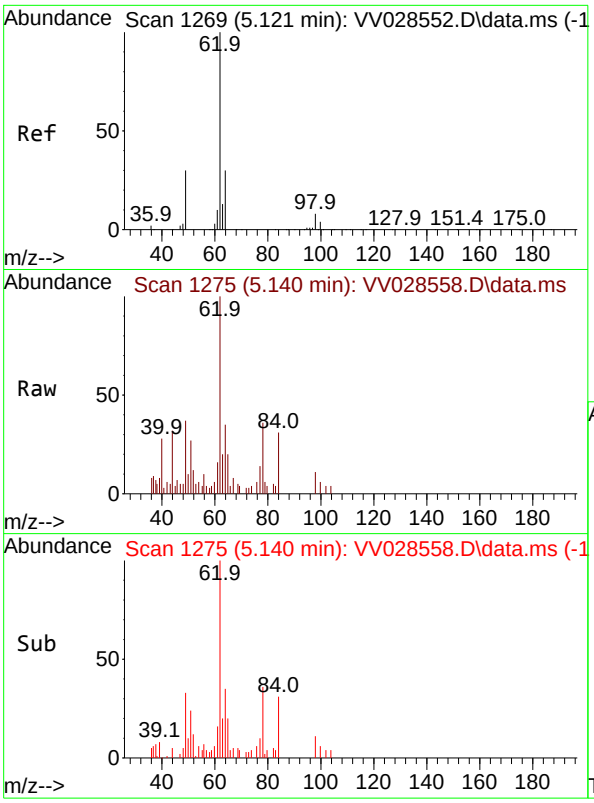


#25
Chloroform
Concen: 2.084 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. 0.013 min
Lab File: VV028558.D
Acq: 14 Oct 2022 19:13

Tgt Ion: 83 Resp: 69949

Ion	Ratio	Lower	Upper
83	100		
85	67.2	45.1	83.9



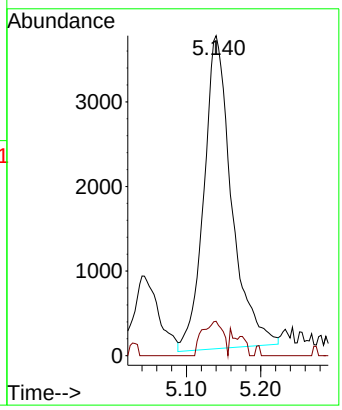


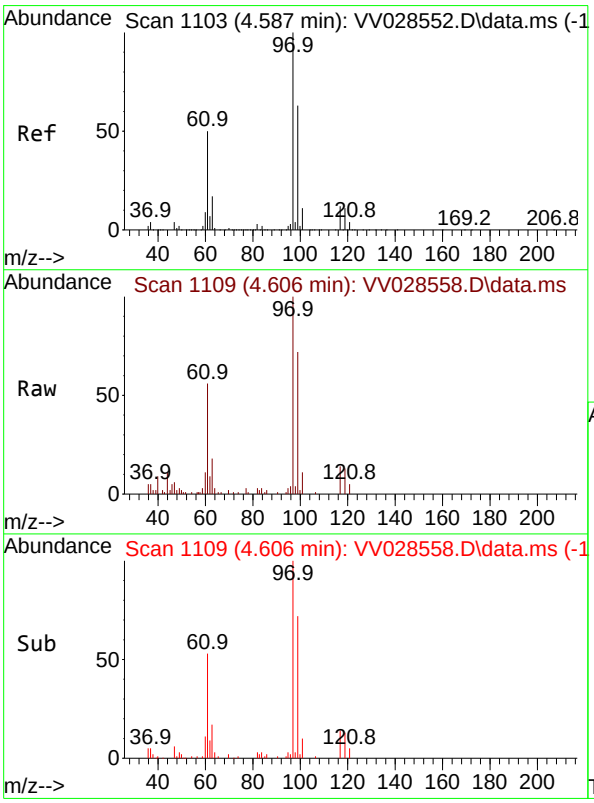
#27
1,2-Dichloroethane
Concen: 0.481 ug/L
RT: 5.140 min Scan# 1
Delta R.T. 0.019 min
Lab File: VV028558.D
Acq: 14 Oct 2022 19:13

Instrument :
MSVOA_V
ClientSampleId :
BFZ08

Tgt Ion: 62 Resp: 9605

Ion	Ratio	Lower	Upper
62	100		
98	10.8	5.9	8.9#

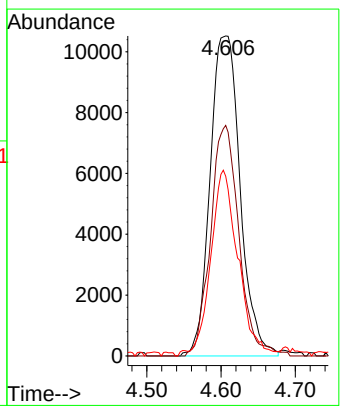


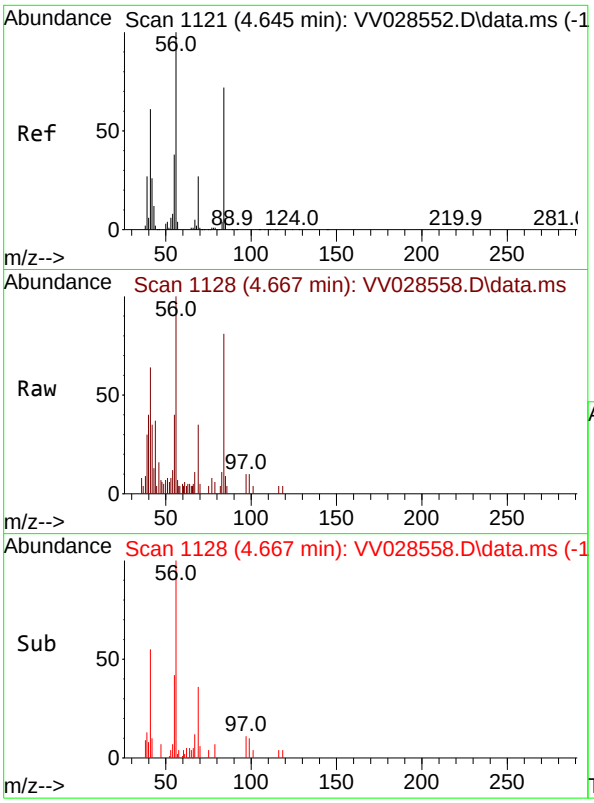


#29
1,1,1-Trichloroethane
Concen: 0.962 ug/L
RT: 4.606 min Scan# 1109
Delta R.T. 0.019 min
Lab File: VV028558.D
Acq: 14 Oct 2022 19:13

Tgt Ion: 97 Resp: 29617

Ion	Ratio	Lower	Upper
97	100		
99	68.0	52.6	78.8
61	52.9	42.1	63.1



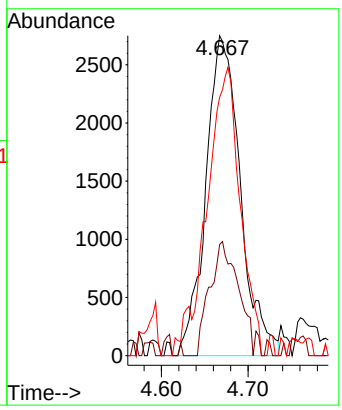


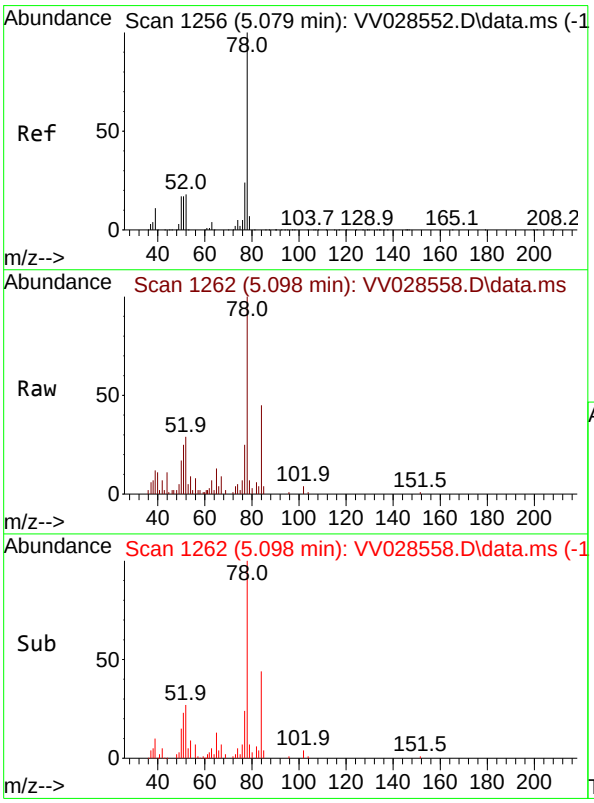
#30
Cyclohexane
Concen: 0.214 ug/L
RT: 4.667 min Scan# 1
Delta R.T. 0.023 min
Lab File: VV028558.D
Acq: 14 Oct 2022 19:13

Instrument :
MSVOA_V
ClientSampleId :
BFZ08

Tgt Ion: 56 Resp: 7615

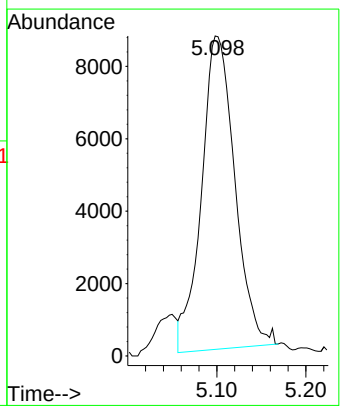
Ion	Ratio	Lower	Upper
56	100		
69	29.4	22.4	33.6
84	82.1	60.1	90.1

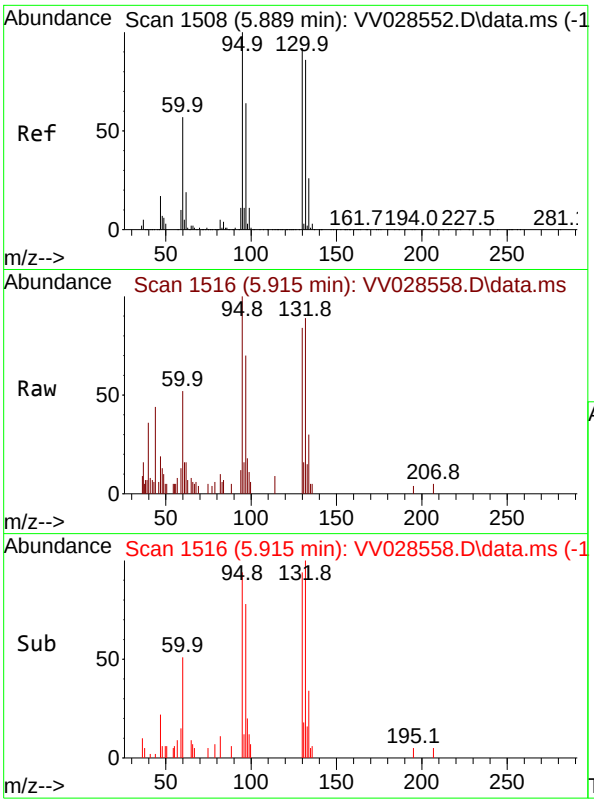




#33
Benzene
Concen: 0.287 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.019 min
Lab File: VV028558.D
Acq: 14 Oct 2022 19:13

Tgt Ion: 78 Resp: 22560



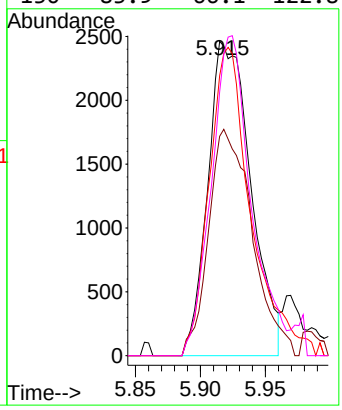


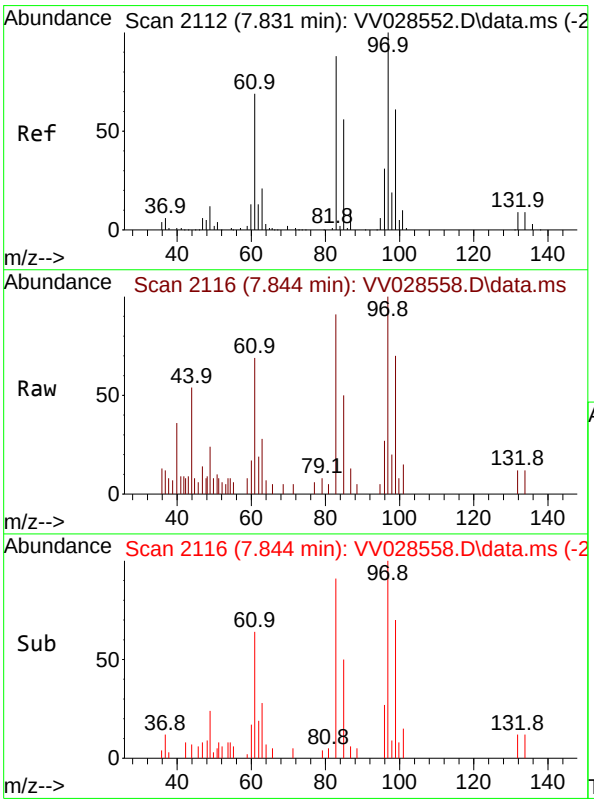
#34
Trichloroethene
Concen: 0.301 ug/L
RT: 5.915 min Scan# 1
Delta R.T. 0.026 min
Lab File: VV028558.D
Acq: 14 Oct 2022 19:13

Instrument :
MSVOA_V
ClientSampleId :
BFZ08

Tgt Ion: 95 Resp: 5655

Ion	Ratio	Lower	Upper
95	100		
97	69.8	46.2	85.8
132	89.1	65.1	120.9
130	83.9	66.1	122.8

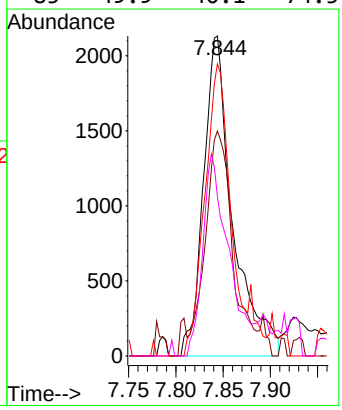


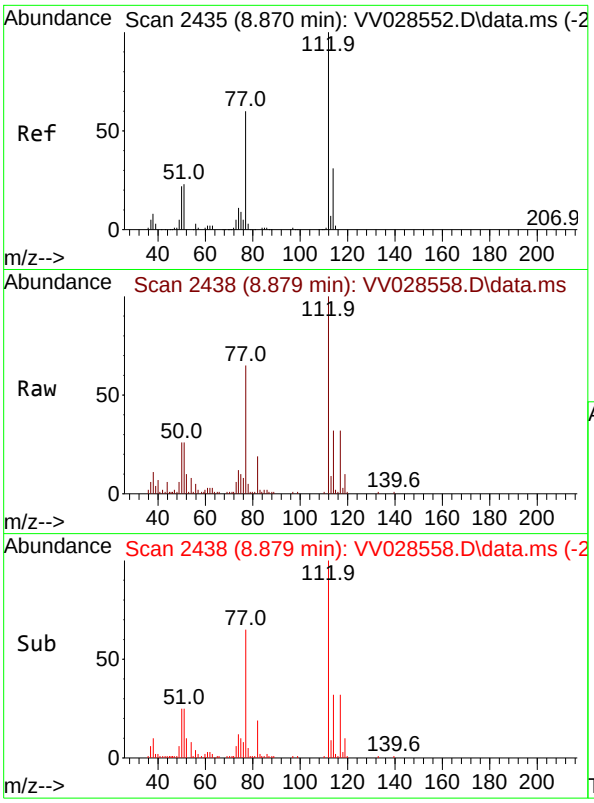


#45
1,1,2-Trichloroethane
Concen: 0.412 ug/L
RT: 7.844 min Scan# 2116
Delta R.T. 0.013 min
Lab File: VV028558.D
Acq: 14 Oct 2022 19:13

Tgt Ion: 97 Resp: 4590

Ion	Ratio	Lower	Upper
97	100		
99	70.3	44.4	82.4
83	91.2	63.1	117.1
85	49.9	40.1	74.5



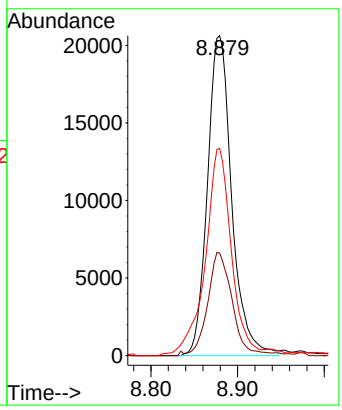


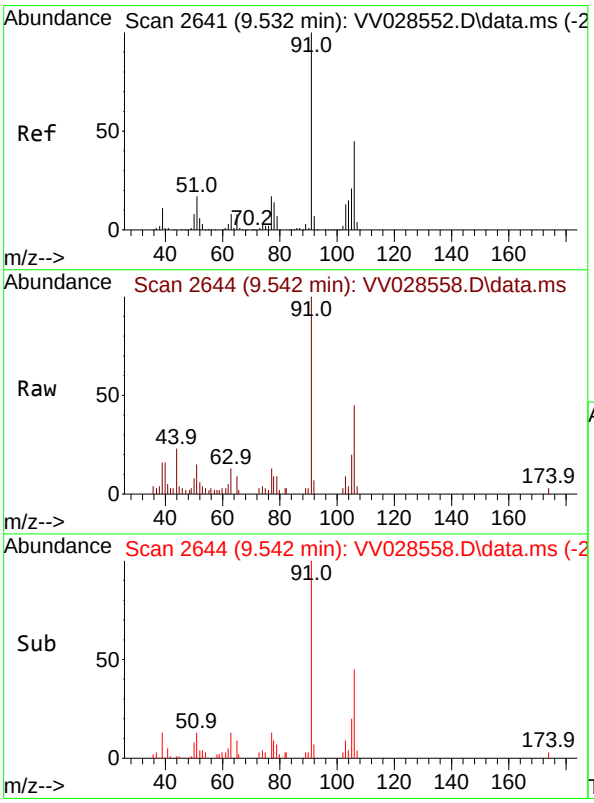
#51
Chlorobenzene
Concen: 0.878 ug/L
RT: 8.879 min Scan# 24
Delta R.T. 0.010 min
Lab File: VV028558.D
Acq: 14 Oct 2022 19:13

Instrument :
MSVOA_V
ClientSampleId :
BFZ08

Tgt Ion:112 Resp: 40213

Ion	Ratio	Lower	Upper
112	100		
114	32.1	22.4	41.6
77	64.8	50.2	75.2

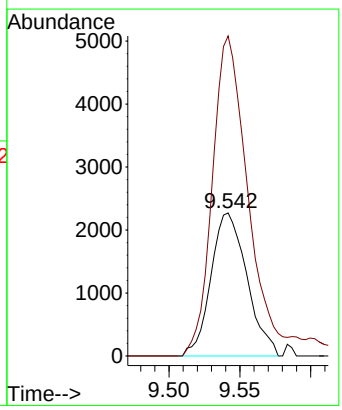


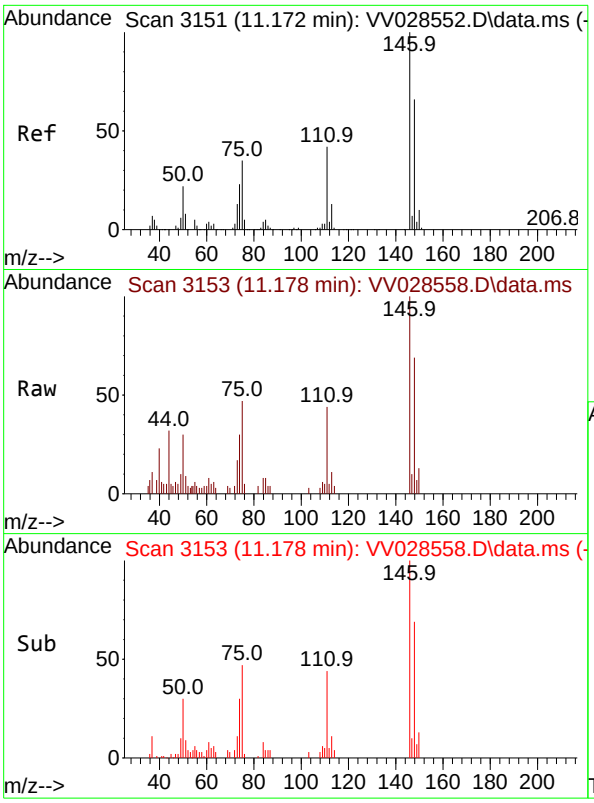


#54
o-Xylene
Concen: 0.135 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.010 min
Lab File: VV028558.D
Acq: 14 Oct 2022 19:13

Tgt Ion:106 Resp: 4016

Ion	Ratio	Lower	Upper
106	100		
91	223.6	151.4	281.2



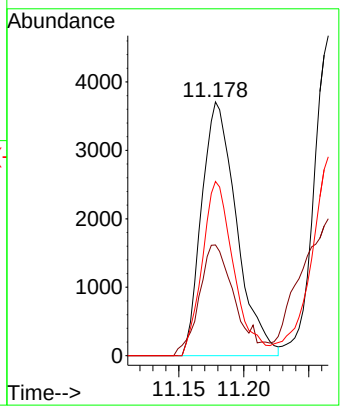


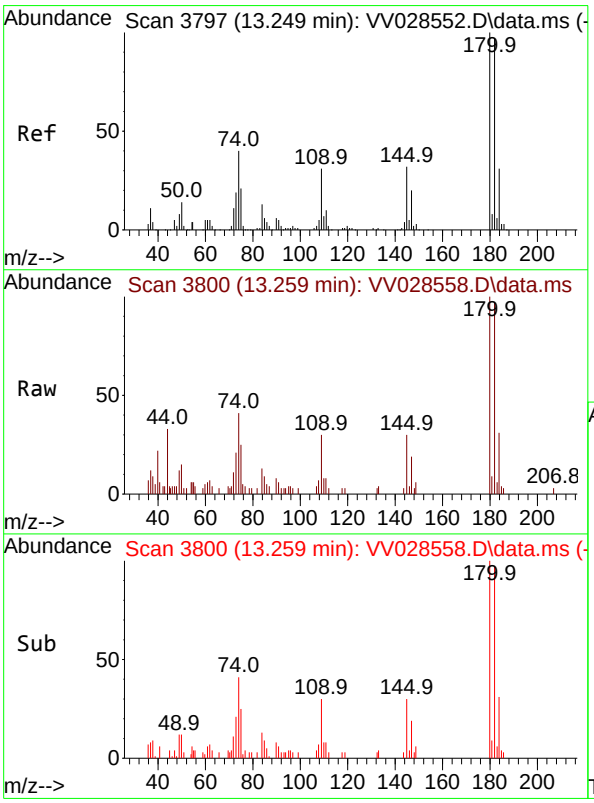
#64
1,3-Dichlorobenzene
Concen: 0.218 ug/L
RT: 11.178 min Scan# 3
Delta R.T. 0.006 min
Lab File: VV028558.D
Acq: 14 Oct 2022 19:13

Instrument :
MSVOA_V
ClientSampleId :
BFZ08

Tgt Ion:146 Resp: 6929

Ion	Ratio	Lower	Upper
146	100		
111	43.6	28.5	52.9
148	68.7	45.1	83.9

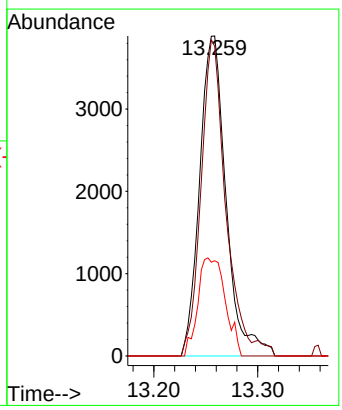


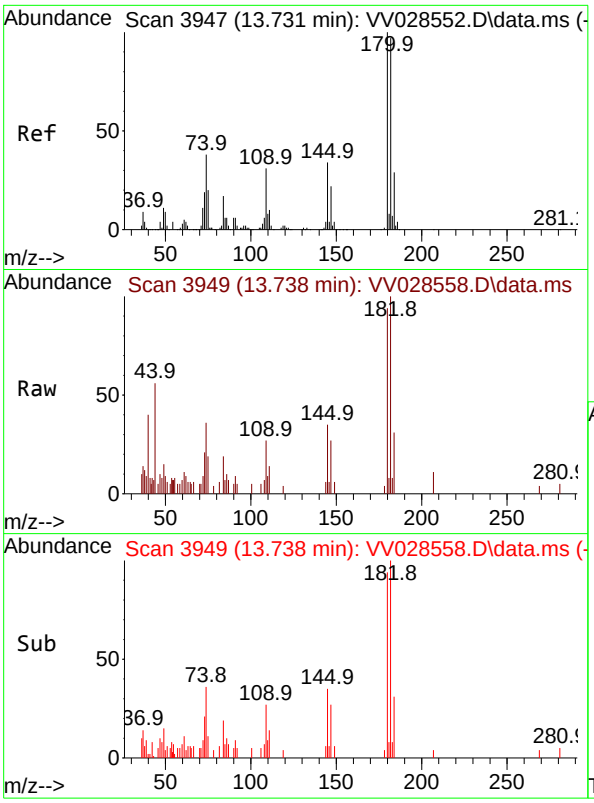


#70
1,2,4-trichlorobenzene
Concen: 0.387 ug/L
RT: 13.259 min Scan# 3800
Delta R.T. 0.010 min
Lab File: VV028558.D
Acq: 14 Oct 2022 19:13

Tgt Ion:180 Resp: 6860

Ion	Ratio	Lower	Upper
180	100		
182	93.2	74.2	111.2
145	31.8	25.3	37.9





#72
1,2,3-Trichlorobenzene
Concen: 0.265 ug/L
RT: 13.738 min Scan# 3
Delta R.T. 0.007 min
Lab File: VV028558.D
Acq: 14 Oct 2022 19:13

Instrument :
MSVOA_V
ClientSampleId :
BFZ08

Tgt Ion:180 Resp: 3873

Ion	Ratio	Lower	Upper
180	100		
182	91.0	76.3	114.5
145	34.3	25.8	38.8