Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080122\
Data File : VV027138.D
Acq On : 01 Aug 2022 20:30
Operator : SY/MD
Sample : N3897-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBUP0

Quant Time: Aug 02 00:36:41 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080122WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 02 00:27:15 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	609412	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	584910	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	254112	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	186083	47.115	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 94.240%			
7) Chloroethane-d5	1.551	69	123292	41.716	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 83.440%			
11) 1,1-Dichloroethene-d2	2.101	63	303774	40.391	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 80.780%			
21) 2-Butanone-d5	3.873	46	252423	97.075	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 97.080%			
24) Chloroform-d	4.342	84	387790	48.575	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.140%			
26) 1,2-Dichloroethane-d4	5.027	65	224634	49.594	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.180%			
32) Benzene-d6	5.043	84	785879	50.775	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.560%			
36) 1,2-Dichloropropane-d6	6.066	67	250164	52.249	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 104.500%			
41) Toluene-d8	7.313	98	712628	51.072	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.140%			
43) trans-1,3-Dichloroprop...	7.619	79	104705	49.828	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 99.660%			
47) 2-Hexanone-d5	8.088	63	185858	100.548	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 100.550%			
56) 1,1,2,2-Tetrachloroeth...	10.214	84	354601	49.546	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 99.100%			
66) 1,2-Dichlorobenzene-d4	11.622	152	253815	56.834	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 113.660%			
Target Compounds						Qvalue
3) Chloromethane	1.236	50	112351	20.319	ug/L	98
8) Chloroethane	1.571	64	57530	18.655	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.098	101	3037	0.698	ug/L #	31
12) 1,1-Dichloroethene	2.111	96	74702	17.677	ug/L #	57
13) Acetone	2.162	43	104863	47.758	ug/L	98
16) Methylene chloride	2.500	84	170124	31.760	ug/L	98
19) 1,1-Dichloroethane	3.182	63	153723	18.663	ug/L	99
22) 2-Butanone	3.963	43	102384	33.838	ug/L	100
25) Chloroform	4.368	83	268042	30.908	ug/L	98
27) 1,2-Dichloroethane	5.124	62	220126	36.661	ug/L	99
31) Carbon tetrachloride	4.821	117	129649	20.557	ug/L	100
33) Benzene	5.095	78	383690	21.388	ug/L	100
34) Trichloroethene	5.908	95	231313	50.139	ug/L	98
37) 1,2-Dichloropropane	6.169	63	94099	19.980	ug/L	99
39) cis-1,3-Dichloropropene	6.982	75	5846	0.885	ug/L #	51
40) 4-Methyl-2-pentanone	7.223	43	217133	39.010	ug/L	98
45) 1,1,2-Trichloroethane	7.837	97	101314	20.464	ug/L	98
46) Tetrachloroethene	7.976	164	4130	1.173	ug/L	97
48) 2-Hexanone	8.140	43	185656	42.900	ug/L	99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080122\
Data File : VV027138.D
Acq On : 01 Aug 2022 20:30
Operator : SY/MD
Sample : N3897-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBUP0

Quant Time: Aug 02 00:36:41 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080122WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 02 00:27:15 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) o-Xylene	9.542	106	372323	51.122	ug/L	100
55) Styrene	9.558	104	353217	27.905	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.239	83	156304	19.470	ug/L	98
59) Bromoform	9.728	173	67395	22.972	ug/L	100
65) 1,4-Dichlorobenzene	11.271	146	177689	21.919	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	238020	29.496	ug/L	99

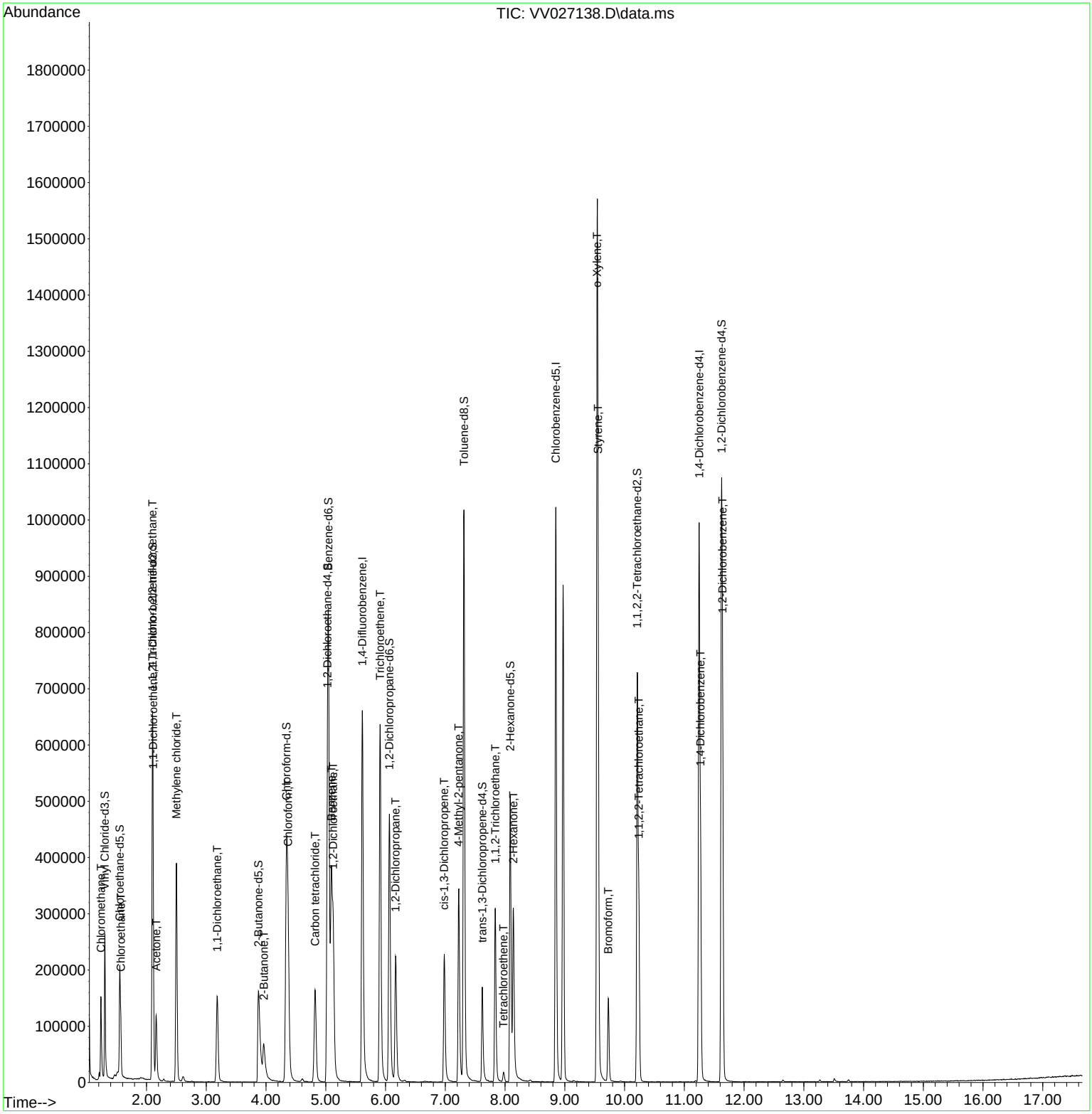
(#) = qualifier out of range (m) = manual integration (+) = signals summed

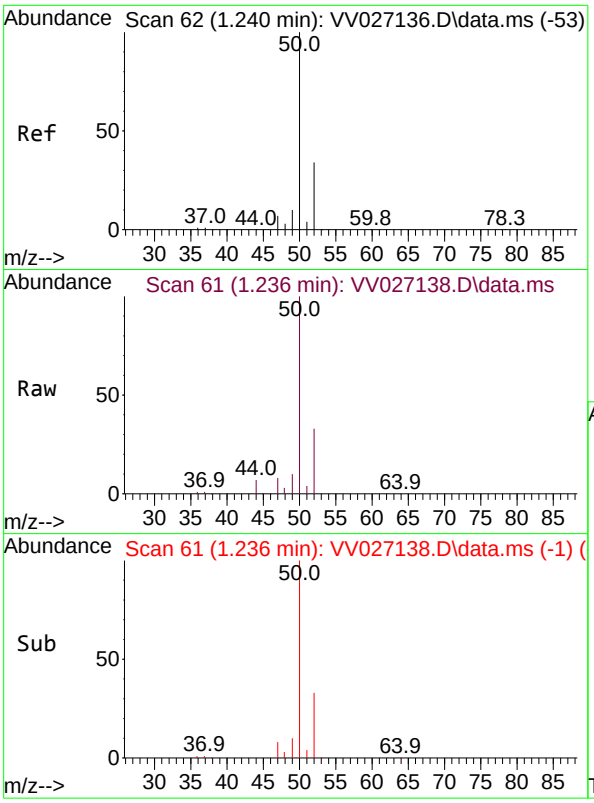
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080122\
Data File : VV027138.D
Acq On : 01 Aug 2022 20:30
Operator : SY/MD
Sample : N3897-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBUP0

Quant Time: Aug 02 00:36:41 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080122WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 02 00:27:15 2022
Response via : Initial Calibration



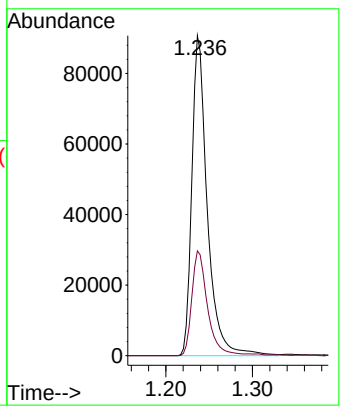


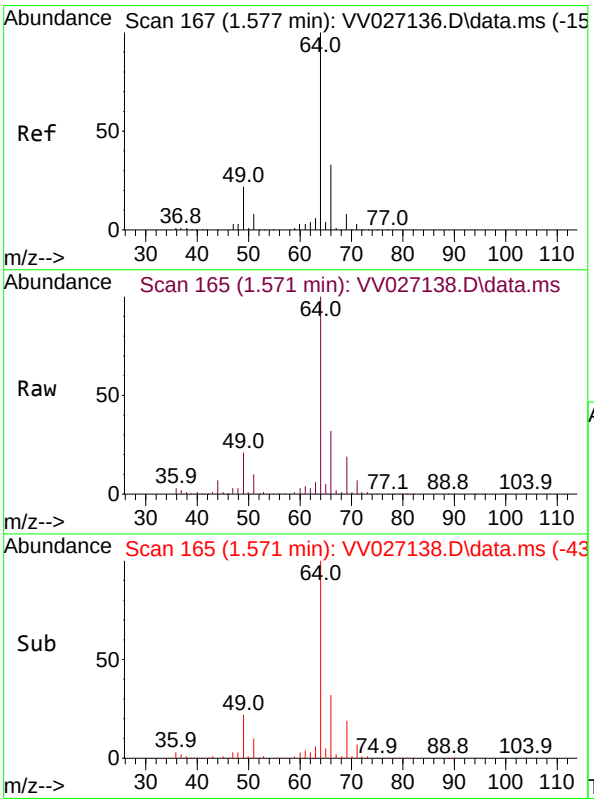
#3
Chloromethane
Concen: 20.319 ug/L
RT: 1.236 min Scan# 6
Delta R.T. -0.003 min
Lab File: VV027138.D
Acq: 01 Aug 2022 20:30

Instrument :
MSVOA_V
ClientSampleId :
DBUP0

Tgt Ion: 50 Resp: 112351

Ion	Ratio	Lower	Upper
50	100		
52	32.7	23.7	43.9

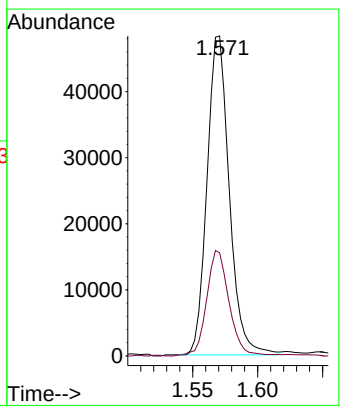


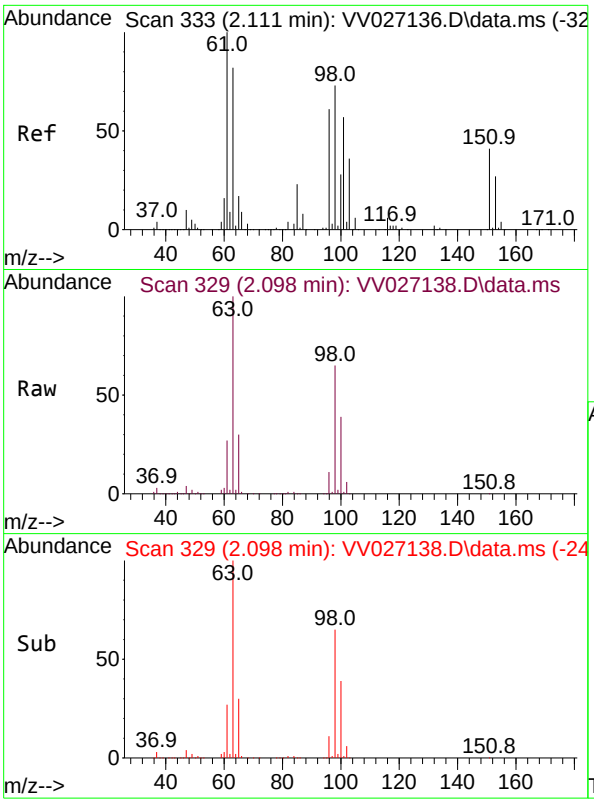


#8
Chloroethane
Concen: 18.655 ug/L
RT: 1.571 min Scan# 165
Delta R.T. -0.006 min
Lab File: VV027138.D
Acq: 01 Aug 2022 20:30

Tgt Ion: 64 Resp: 57530

Ion	Ratio	Lower	Upper
64	100		
66	32.3	22.6	42.0



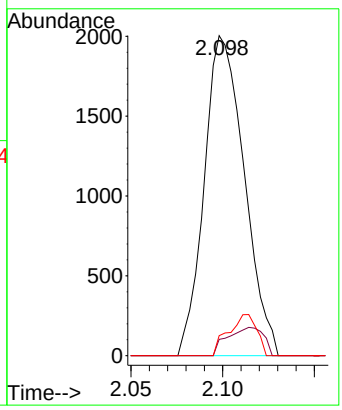


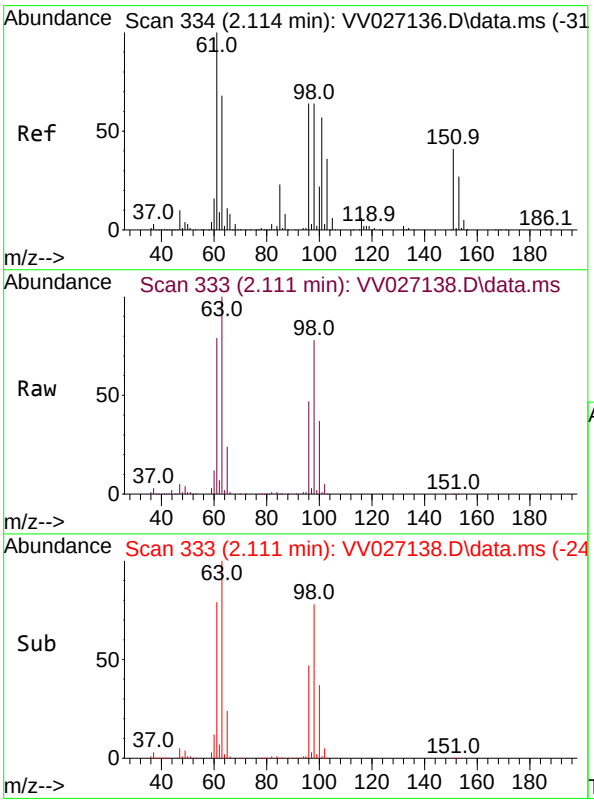
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.698 ug/L
RT: 2.098 min Scan# 3
Delta R.T. -0.013 min
Lab File: VV027138.D
Acq: 01 Aug 2022 20:30

Instrument :
MSVOA_V
ClientSampleId :
DBUP0

Tgt Ion:101 Resp: 3037

Ion	Ratio	Lower	Upper
101	100		
85	7.9	33.9	50.9#
151	7.4	58.4	87.6#

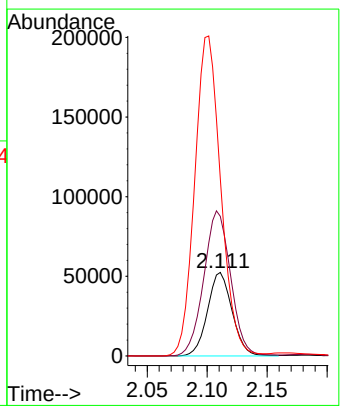


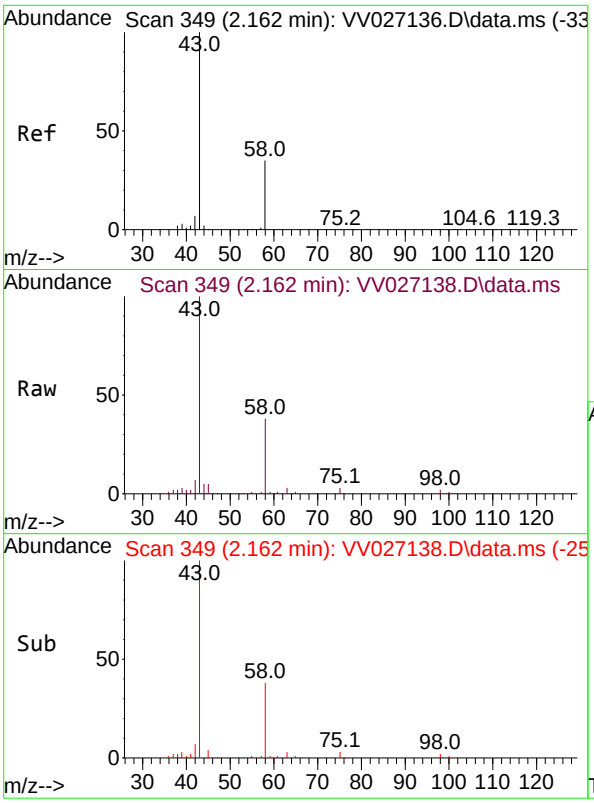


#12
1,1-Dichloroethene
Concen: 17.677 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.003 min
Lab File: VV027138.D
Acq: 01 Aug 2022 20:30

Tgt Ion: 96 Resp: 74702

Ion	Ratio	Lower	Upper
96	100		
61	167.3	110.7	205.5
63	213.0	78.4	145.6#



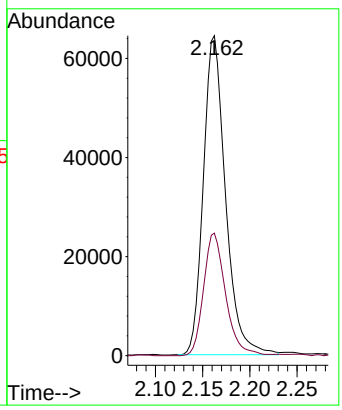


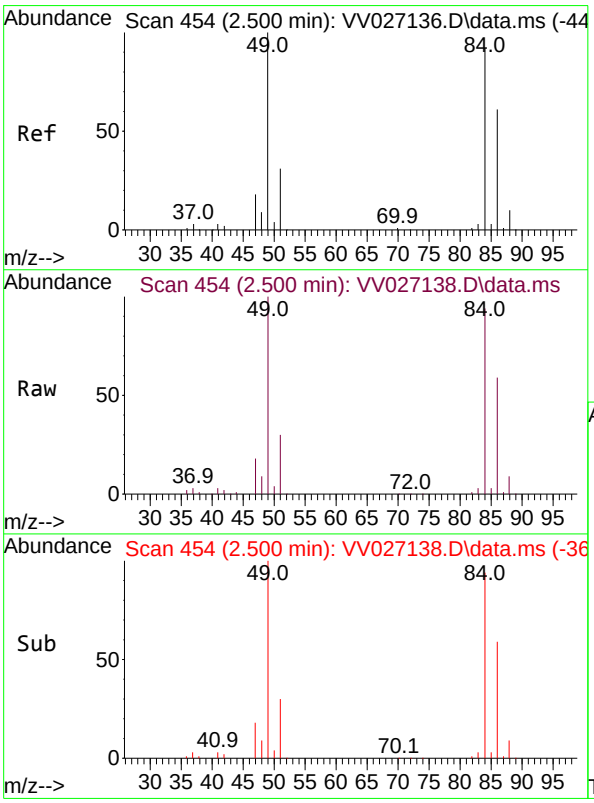
#13
Acetone
Concen: 47.758 ug/L
RT: 2.162 min Scan# 34
Delta R.T. 0.000 min
Lab File: VV027138.D
Acq: 01 Aug 2022 20:30

Instrument :
MSVOA_V
ClientSampleId :
DBUP0

Tgt Ion: 43 Resp: 104863

Ion	Ratio	Lower	Upper
43	100		
58	38.2	0.0	73.6

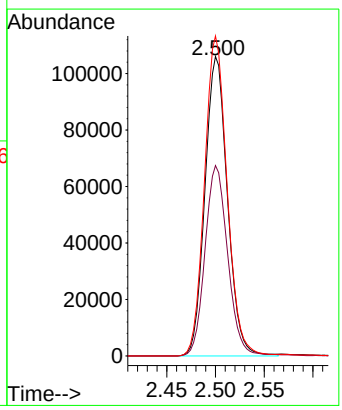


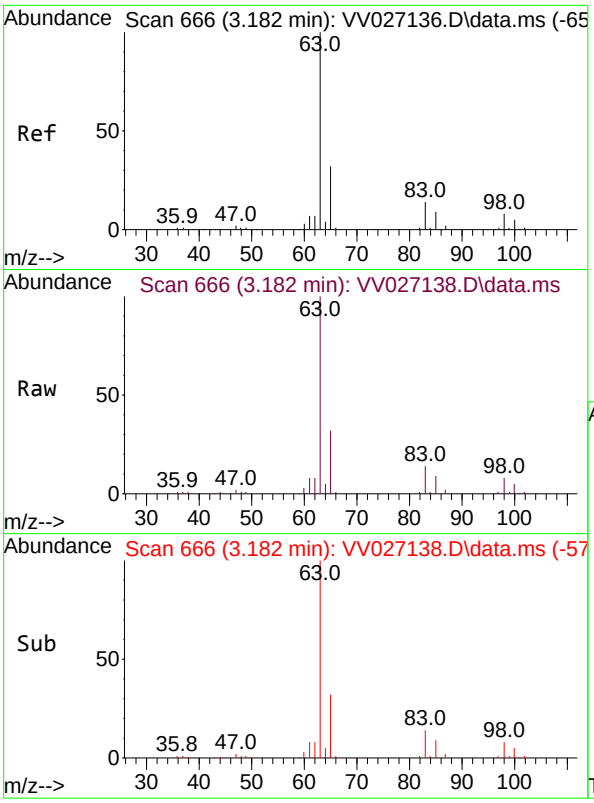


#16
Methylene chloride
Concen: 31.760 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.000 min
Lab File: VV027138.D
Acq: 01 Aug 2022 20:30

Tgt Ion: 84 Resp: 170124

Ion	Ratio	Lower	Upper
84	100		
86	63.6	45.3	84.1
49	106.8	76.0	141.2



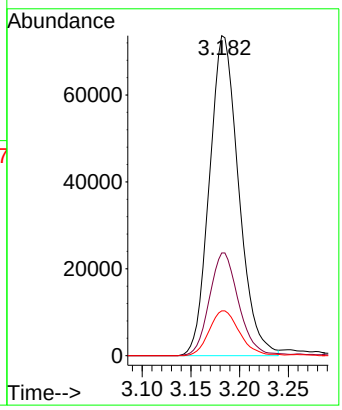


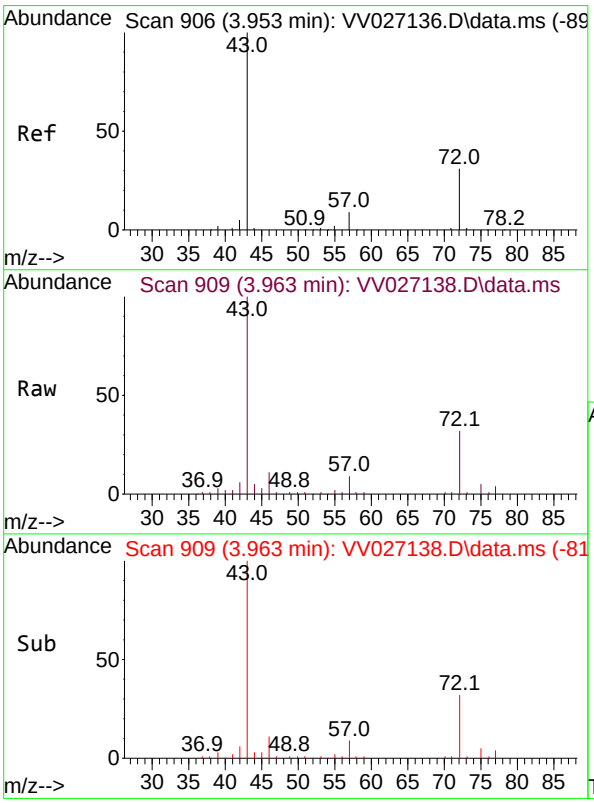
#19
1,1-Dichloroethane
Concen: 18.663 ug/L
RT: 3.182 min Scan# 6
Delta R.T. 0.000 min
Lab File: VV027138.D
Acq: 01 Aug 2022 20:30

Instrument :
MSVOA_V
ClientSampleId :
DBUP0

Tgt Ion: 63 Resp: 153723

Ion	Ratio	Lower	Upper
63	100		
65	32.1	22.9	42.5
83	14.0	9.7	17.9

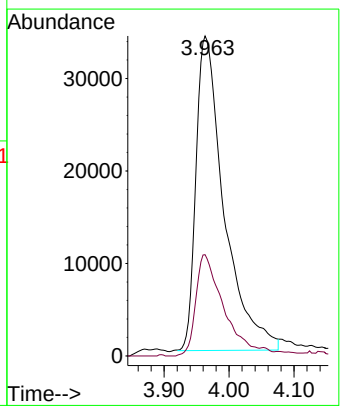


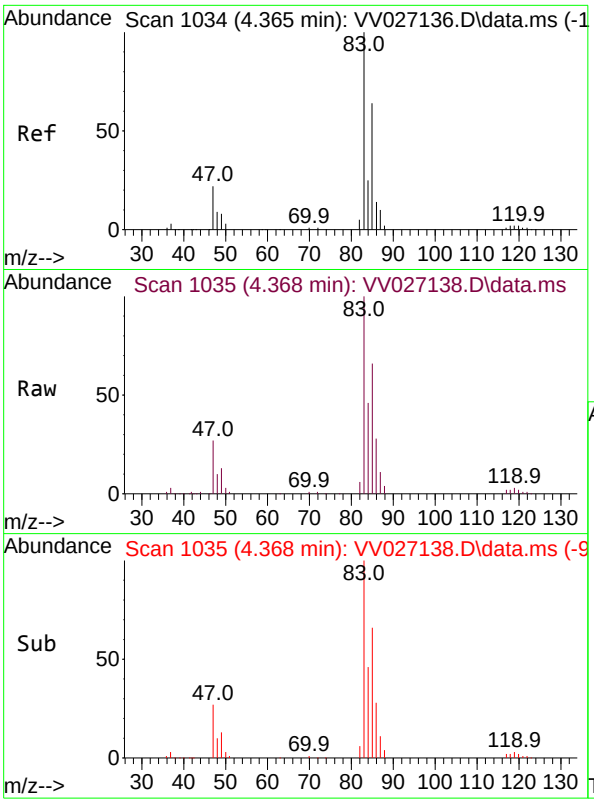


#22
2-Butanone
Concen: 33.838 ug/L
RT: 3.963 min Scan# 909
Delta R.T. 0.010 min
Lab File: VV027138.D
Acq: 01 Aug 2022 20:30

Tgt Ion: 43 Resp: 102384

Ion	Ratio	Lower	Upper
43	100		
72	31.5	15.7	47.1



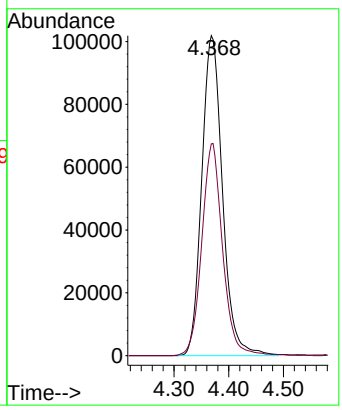


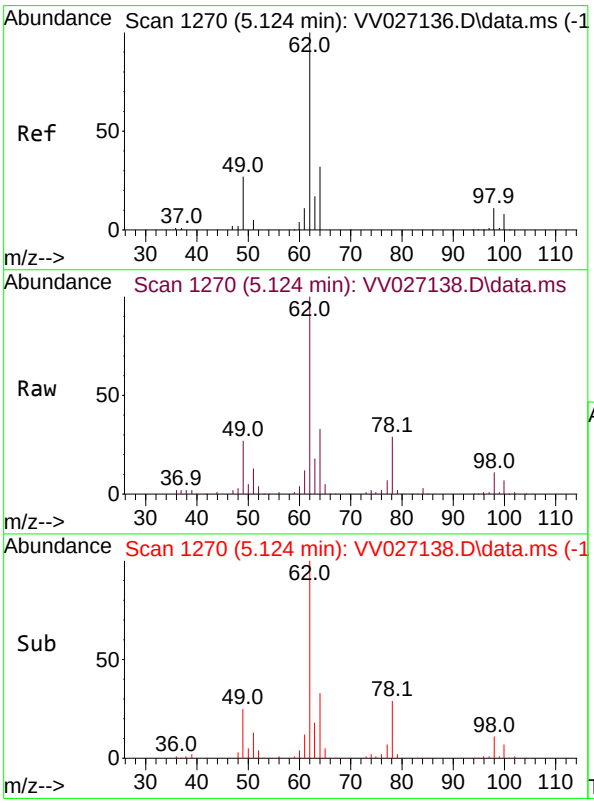
#25
Chloroform
Concen: 30.908 ug/L
RT: 4.368 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV027138.D
Acq: 01 Aug 2022 20:30

Instrument :
MSVOA_V
ClientSampleId :
DBUP0

Tgt Ion: 83 Resp: 268042

Ion	Ratio	Lower	Upper
83	100		
85	66.2	45.3	84.1

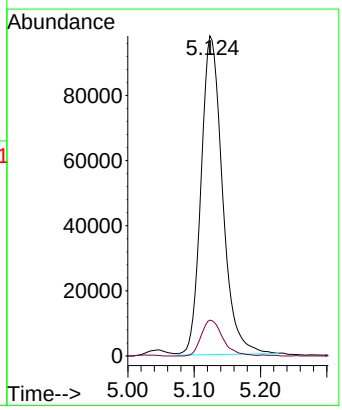


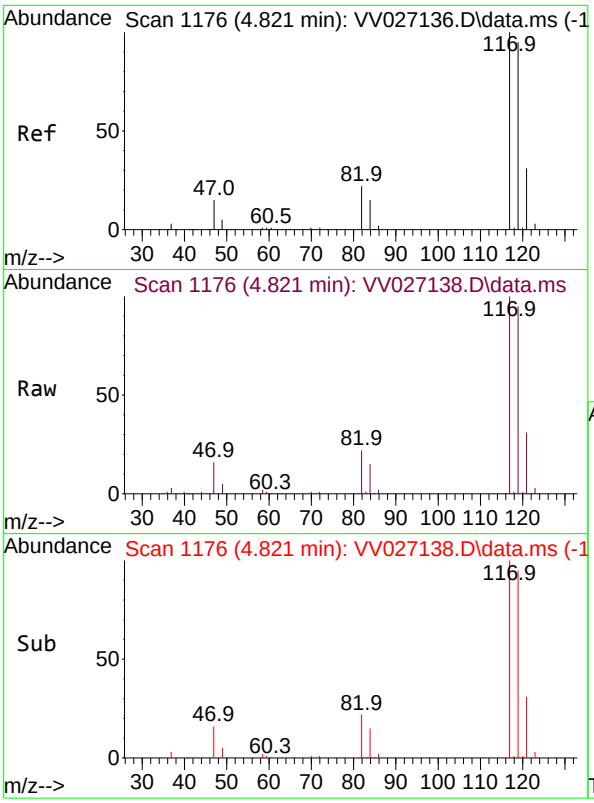


#27
1,2-Dichloroethane
Concen: 36.661 ug/L
RT: 5.124 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VV027138.D
Acq: 01 Aug 2022 20:30

Tgt Ion: 62 Resp: 220126

Ion	Ratio	Lower	Upper
62	100		
98	11.2	9.2	13.8



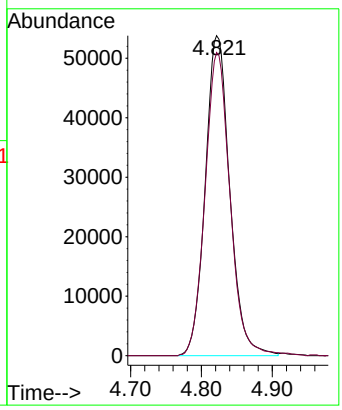


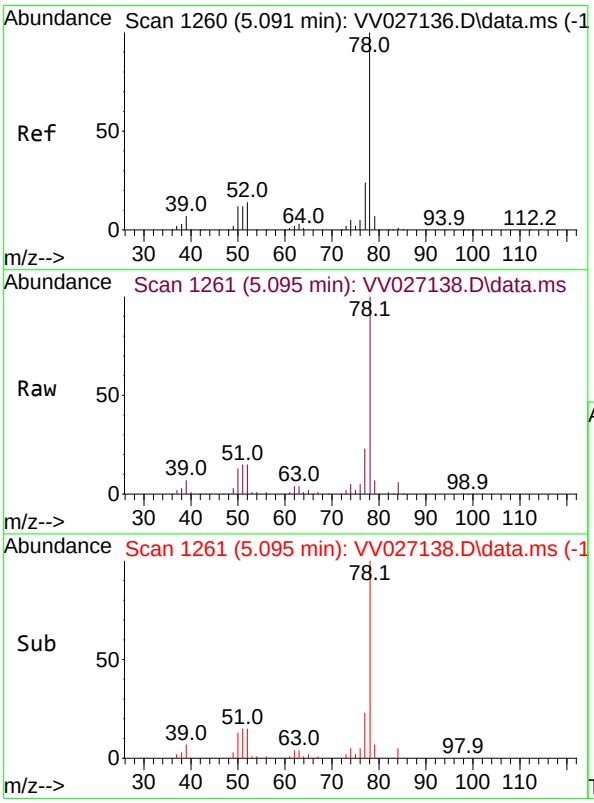
#31
Carbon tetrachloride
Concen: 20.557 ug/L
RT: 4.821 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV027138.D
Acq: 01 Aug 2022 20:30

Instrument :
MSVOA_V
ClientSampleId :
DBUP0

Tgt Ion:117 Resp: 129649

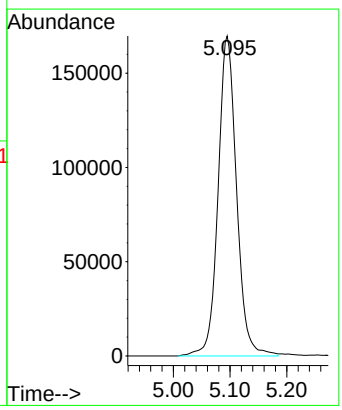
Ion	Ratio	Lower	Upper
117	100		
119	96.1	77.1	115.7

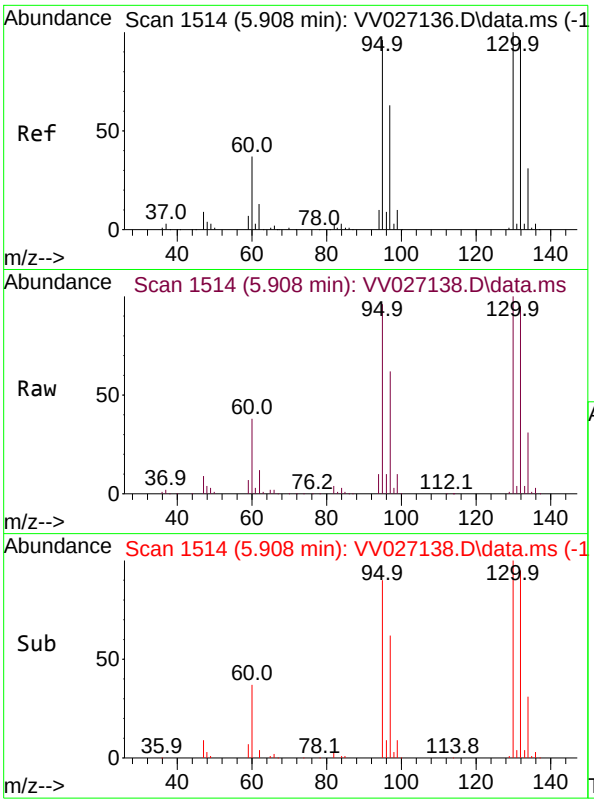




#33
Benzene
Concen: 21.388 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.003 min
Lab File: VV027138.D
Acq: 01 Aug 2022 20:30

Tgt Ion: 78 Resp: 383690



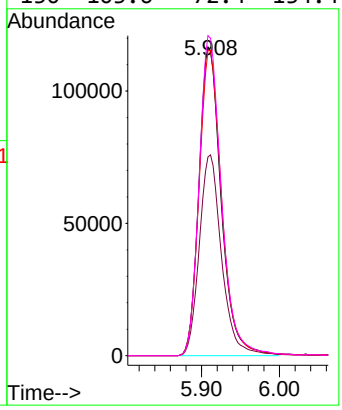


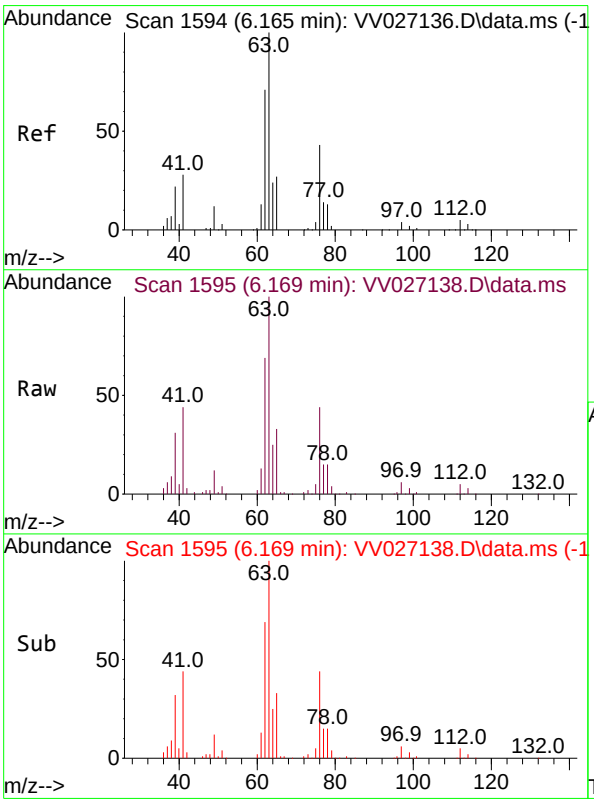
#34
Trichloroethene
Concen: 50.139 ug/L
RT: 5.908 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV027138.D
Acq: 01 Aug 2022 20:30

Instrument :
MSVOA_V
ClientSampleId :
DBUP0

Tgt Ion: 95 Resp: 231313

Ion	Ratio	Lower	Upper
95	100		
97	64.4	47.0	87.2
132	98.8	71.5	132.7
130	103.6	72.4	134.4

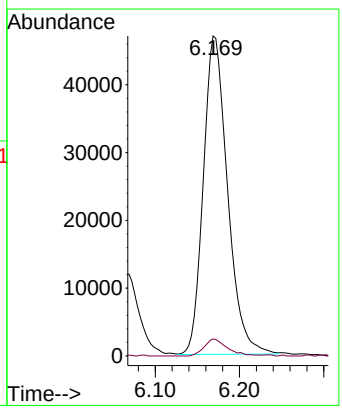


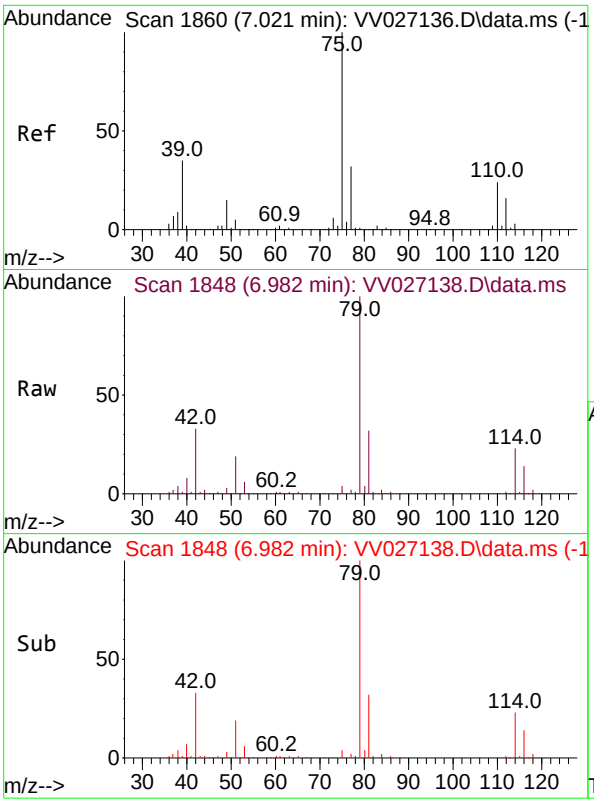


#37
1,2-Dichloropropane
Concen: 19.980 ug/L
RT: 6.169 min Scan# 1595
Delta R.T. 0.003 min
Lab File: VV027138.D
Acq: 01 Aug 2022 20:30

Tgt Ion: 63 Resp: 94099

Ion	Ratio	Lower	Upper
63	100		
112	4.7	4.0	6.0



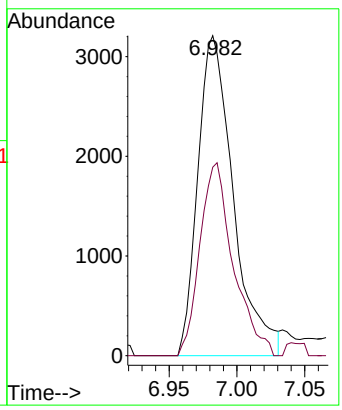


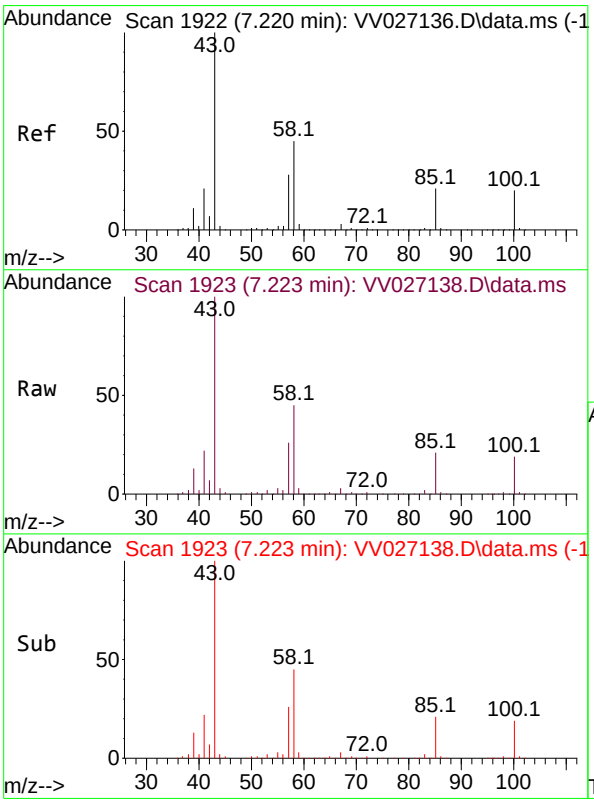
#39
cis-1,3-Dichloropropene
Concen: 0.885 ug/L
RT: 6.982 min Scan# 1
Delta R.T. -0.039 min
Lab File: VV027138.D
Acq: 01 Aug 2022 20:30

Instrument :
MSVOA_V
ClientSampleId :
DBUP0

Tgt Ion: 75 Resp: 5846

Ion	Ratio	Lower	Upper
75	100		
77	58.9	22.3	41.5#

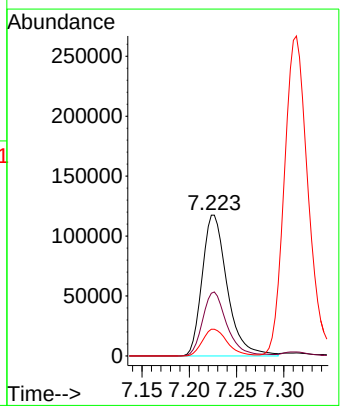


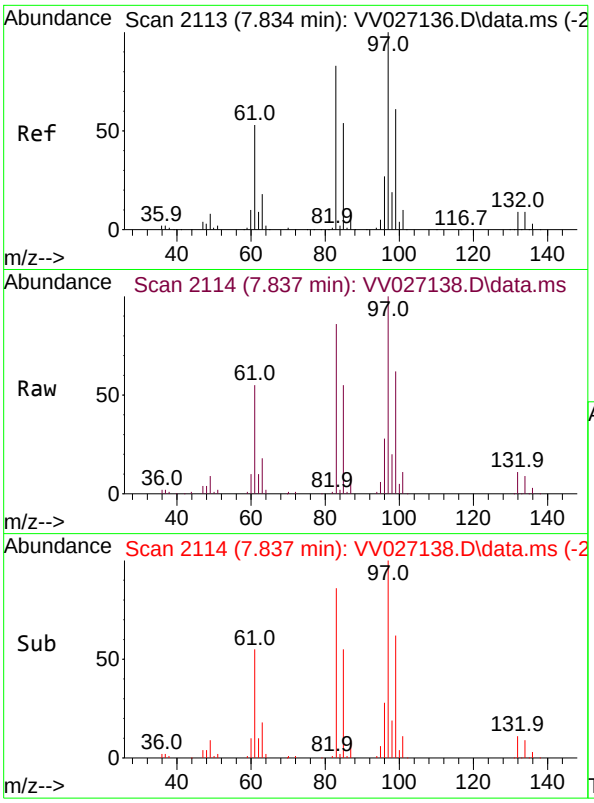


#40
4-Methyl-2-pentanone
Concen: 39.010 ug/L
RT: 7.223 min Scan# 1923
Delta R.T. 0.003 min
Lab File: VV027138.D
Acq: 01 Aug 2022 20:30

Tgt Ion: 43 Resp: 217133

Ion	Ratio	Lower	Upper
43	100		
58	44.1	36.1	54.1
100	18.9	15.8	23.6



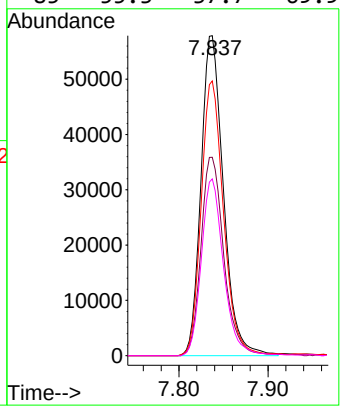


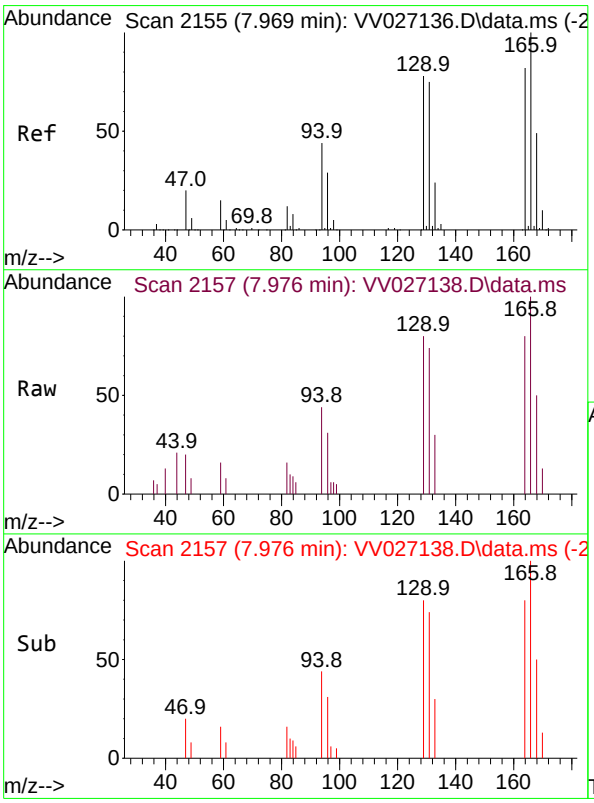
#45
1,1,2-Trichloroethane
Concen: 20.464 ug/L
RT: 7.837 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV027138.D
Acq: 01 Aug 2022 20:30

Instrument :
MSVOA_V
ClientSampleId :
DBUP0

Tgt Ion: 97 Resp: 101314

Ion	Ratio	Lower	Upper
97	100		
99	62.0	43.3	80.5
83	85.9	58.2	108.2
85	55.3	37.7	69.9

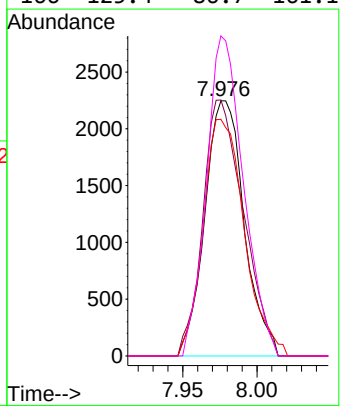


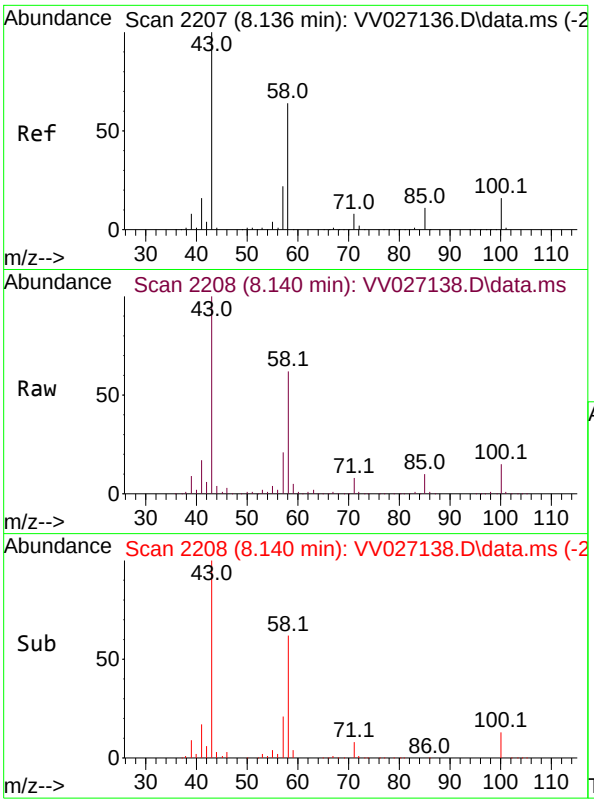


#46
Tetrachloroethene
Concen: 1.173 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.006 min
Lab File: VV027138.D
Acq: 01 Aug 2022 20:30

Tgt Ion:164 Resp: 4130

Ion	Ratio	Lower	Upper
164	100		
129	100.3	66.0	122.6
131	92.7	63.1	117.1
166	125.4	86.7	161.1



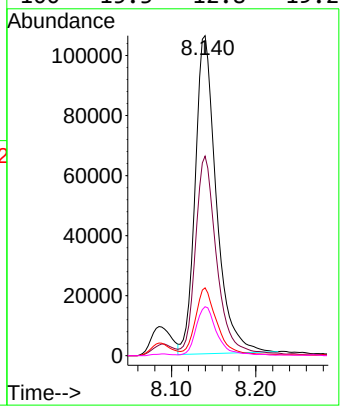


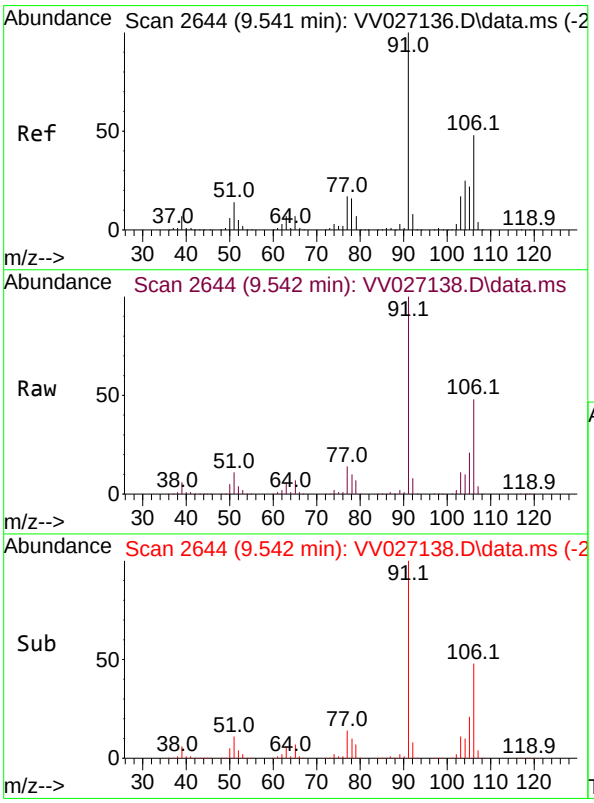
#48
2-Hexanone
Concen: 42.900 ug/L
RT: 8.140 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV027138.D
Acq: 01 Aug 2022 20:30

Instrument :
MSVOA_V
ClientSampleId :
DBUP0

Tgt Ion: 43 Resp: 185656

Ion	Ratio	Lower	Upper
43	100		
58	63.3	51.3	76.9
57	21.4	16.7	25.1
100	15.3	12.8	19.2

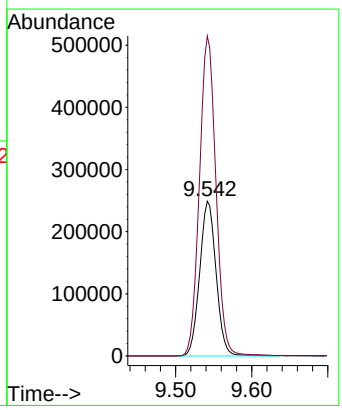


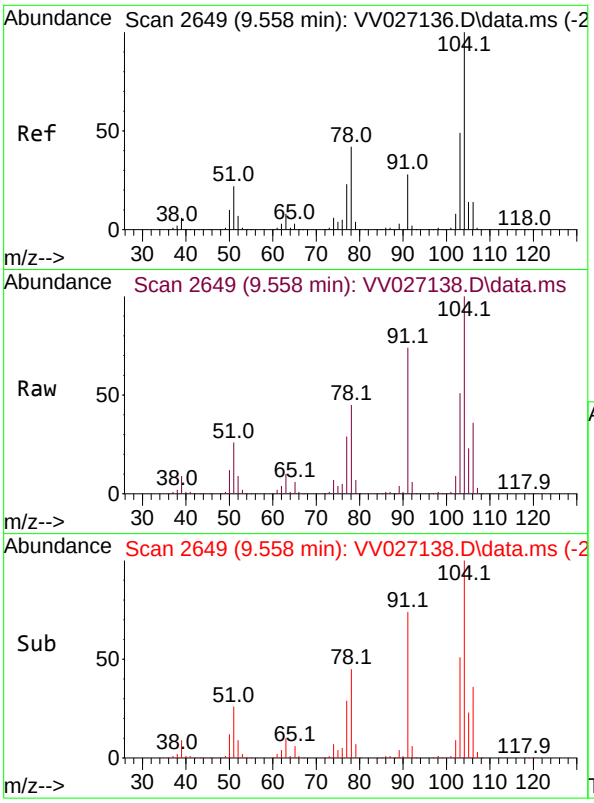


#54
o-Xylene
Concen: 51.122 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV027138.D
Acq: 01 Aug 2022 20:30

Tgt Ion:106 Resp: 372323

Ion	Ratio	Lower	Upper
106	100		
91	206.8	145.1	269.5



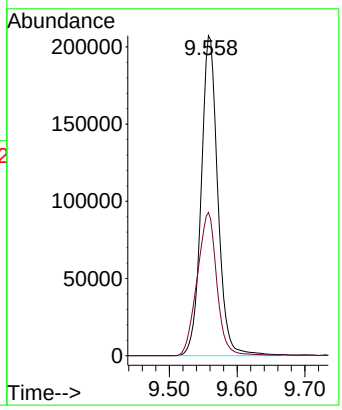


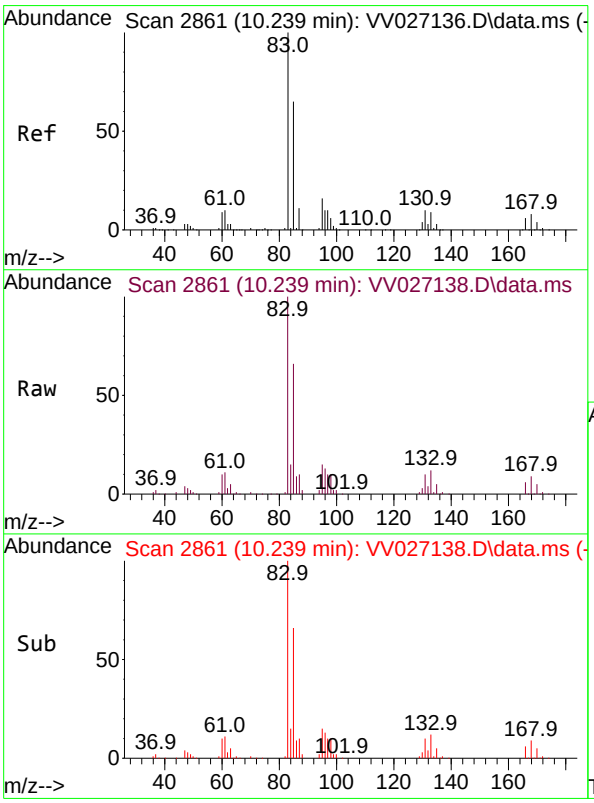
#55
Styrene
Concen: 27.905 ug/L
RT: 9.558 min Scan# 2
Delta R.T. 0.000 min
Lab File: VV027138.D
Acq: 01 Aug 2022 20:30

Instrument :
MSVOA_V
ClientSampleId :
DBUP0

Tgt Ion:104 Resp: 353217

Ion	Ratio	Lower	Upper
104	100		
78	44.7	29.2	54.2

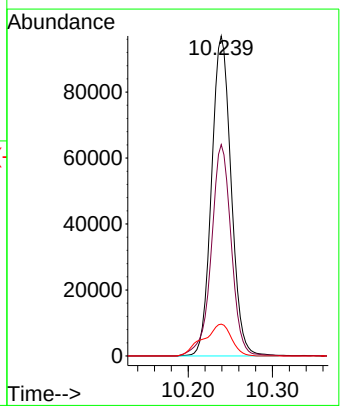


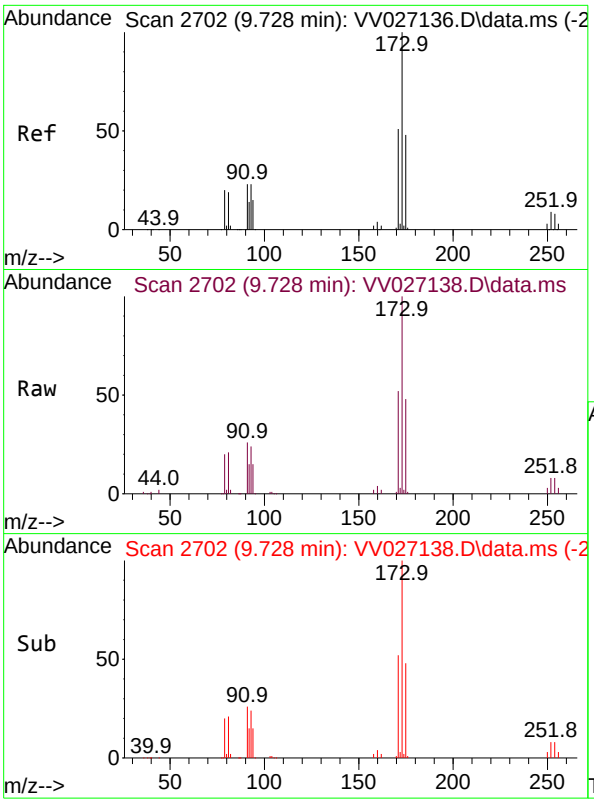


#57
1,1,2,2-Tetrachloroethane
Concen: 19.470 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. 0.000 min
Lab File: VV027138.D
Acq: 01 Aug 2022 20:30

Tgt Ion: 83 Resp: 156304

Ion	Ratio	Lower	Upper
83	100		
85	66.0	45.2	84.0
131	10.0	7.8	11.6



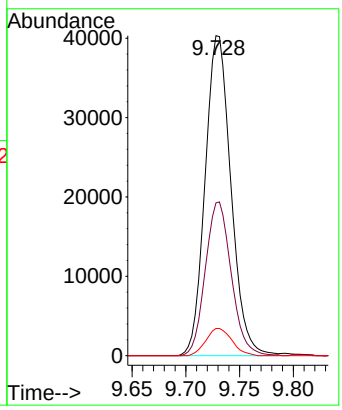


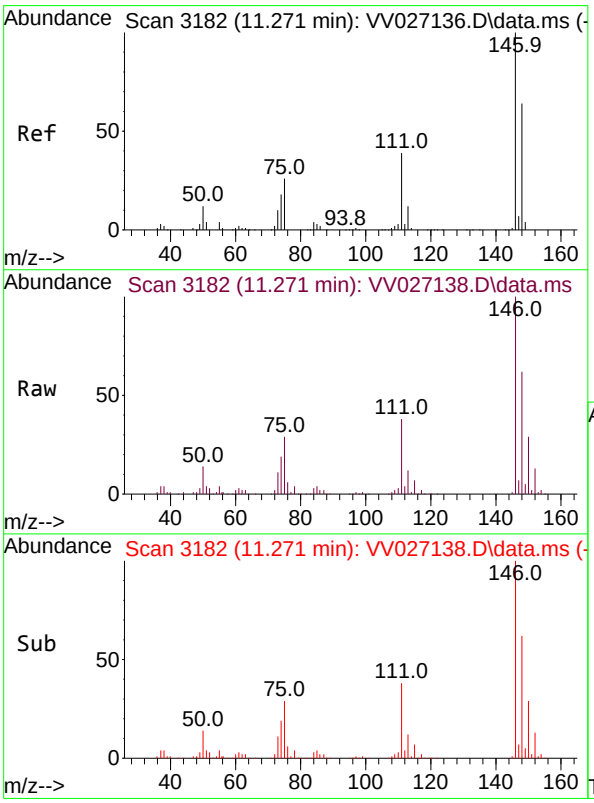
#59
Bromoform
Concen: 22.972 ug/L
RT: 9.728 min Scan# 2
Delta R.T. 0.000 min
Lab File: VV027138.D
Acq: 01 Aug 2022 20:30

Instrument :
MSVOA_V
ClientSampleId :
DBUP0

Tgt Ion:173 Resp: 67395

Ion	Ratio	Lower	Upper
173	100		
175	48.1	38.2	57.4
254	8.6	6.8	10.2

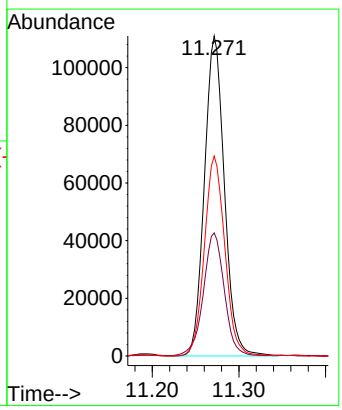


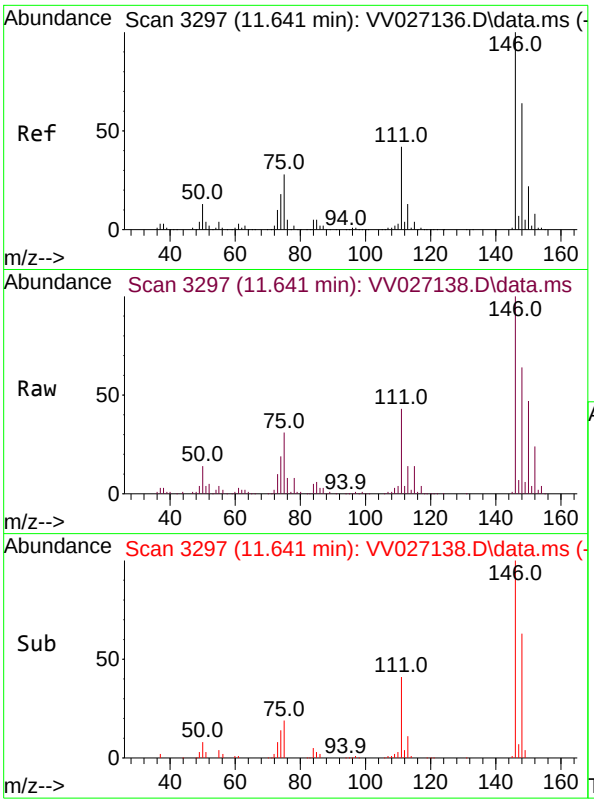


#65
1,4-Dichlorobenzene
Concen: 21.919 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV027138.D
Acq: 01 Aug 2022 20:30

Tgt Ion:146 Resp: 177689

Ion	Ratio	Lower	Upper
146	100		
111	38.5	27.2	50.4
148	62.4	44.2	82.2





#67
1,2-Dichlorobenzene
Concen: 29.496 ug/L
RT: 11.641 min Scan# 3
Delta R.T. 0.000 min
Lab File: VV027138.D
Acq: 01 Aug 2022 20:30

Instrument :
MSVOA_V
ClientSampleId :
DBUP0

Tgt Ion:146 Resp: 238020

Ion	Ratio	Lower	Upper
146	100		
111	42.5	32.8	49.2
148	63.7	50.5	75.7