Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111221\
Data File : VV023429.D
Acq On : 12 Nov 2021 09:08
Operator : SY/MD
Sample : M4542-07DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Nov 13 00:10:18 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 12 04:43:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	114369	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	110531	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	50730	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.298	65	29026	4.051	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 81.000%			
7) Chloroethane-d5	1.561	69	24863	4.258	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 85.200%			
11) 1,1-Dichloroethene-d2	2.098	63	45041	3.358	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 67.200%			
20) 2-Butanone-d5	3.963	46	68662	55.625	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 111.260%			
24) Chloroform-d	4.336	84	58389	3.824	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 76.400%			
26) 1,2-Dichloroethane-d4	5.031	65	35151	5.119	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.400%			
32) Benzene-d6	5.034	84	139150	4.907	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.200%			
36) 1,2-Dichloropropane-d6	6.079	67	40738	4.880	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.600%			
41) Toluene-d8	7.323	98	107260	4.036	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 80.800%			
43) trans-1,3-Dichloroprop...	7.635	79	13072	4.129	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 82.600%			
46) 2-Hexanone-d5	8.108	63	45812	39.334	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 78.660%			
56) 1,1,2,2-Tetrachloroeth...	10.220	84	26747	4.455	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 89.200%			
66) 1,2-Dichlorobenzene-d4	11.625	152	43256	5.121	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.400%			
Target Compounds						Qvalue
3) Chloromethane	1.230	50	643	0.068	ug/L #	81
5) Vinyl chloride	1.301	62	4426	0.467	ug/L	87
6) Bromomethane	1.513	94	263	0.043	ug/L	77
8) Chloroethane	1.577	64	1073	0.196	ug/L	92
12) 1,1-Dichloroethene	2.105	96	1099	0.161	ug/L #	1
19) 1,1-Dichloroethane	3.185	63	24631	1.740	ug/L	98
22) cis-1,2-Dichloroethene	3.899	96	17068	2.115	ug/L #	98
25) Chloroform	4.362	83	6083	0.403	ug/L	99
29) 1,1,1-Trichloroethane	4.587	97	48550	3.617	ug/L	98
31) Carbon tetrachloride	4.580	117	6086	0.505	ug/L	95
34) Trichloroethene	5.912	95	62169	7.567	ug/L	98
35) Methylcyclohexane	6.079	83	10533	0.812	ug/L #	18
37) 1,2-Dichloropropane	6.082	63	4545	0.630	ug/L #	84
39) cis-1,3-Dichloropropene	6.995	75	1084	0.104	ug/L #	75
42) Toluene	7.400	91	3740	0.113	ug/L	95
47) Tetrachloroethene	7.982	164	4480	0.629	ug/L	94
48) 2-Hexanone	8.159	43	5041	2.151	ug/L #	83
49) Dibromochloromethane	7.982	129	3600	0.548	ug/L #	10
51) Chlorobenzene	8.886	112	18937	0.862	ug/L	98

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111221\
Data File : VV023429.D
Acq On : 12 Nov 2021 09:08
Operator : SY/MD
Sample : M4542-07DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Nov 13 00:10:18 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 12 04:43:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
60) Isopropylbenzene	9.934	105	3754	0.129	ug/L		98
61) 1,2,3-Trichloropropane	11.249	75	6529	1.937	ug/L	#	64
62) 1,3,5-Trimethylbenzene	10.915	105	6380	0.264	ug/L		95
63) 1,2,4-Trimethylbenzene	10.915	105	6380	0.266	ug/L		99
65) 1,4-Dichlorobenzene	11.271	146	3345	0.220	ug/L		90
67) 1,2-Dichlorobenzene	11.644	146	6662	0.501	ug/L		98

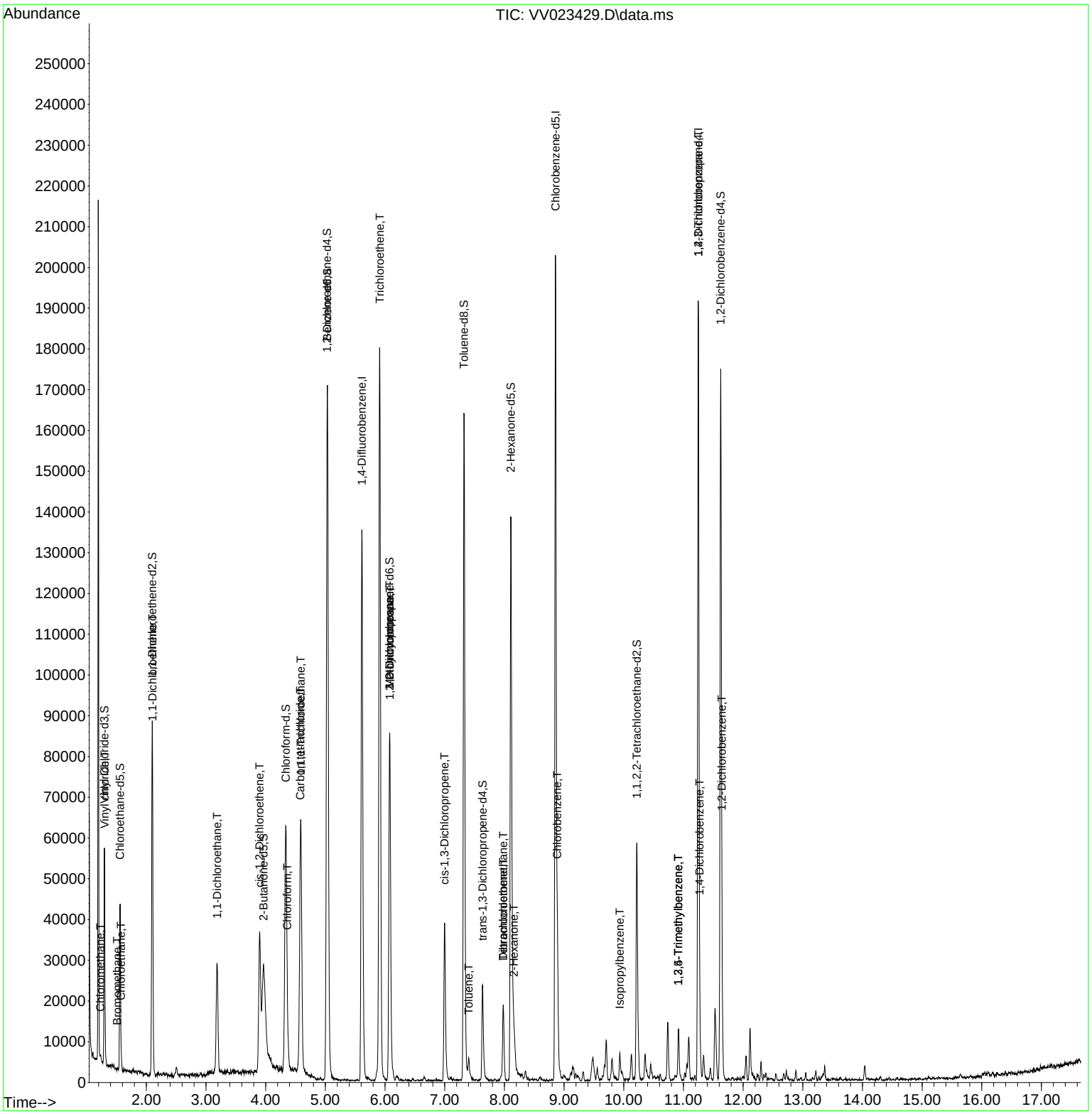
(#) = qualifier out of range (m) = manual integration (+) = signals summed

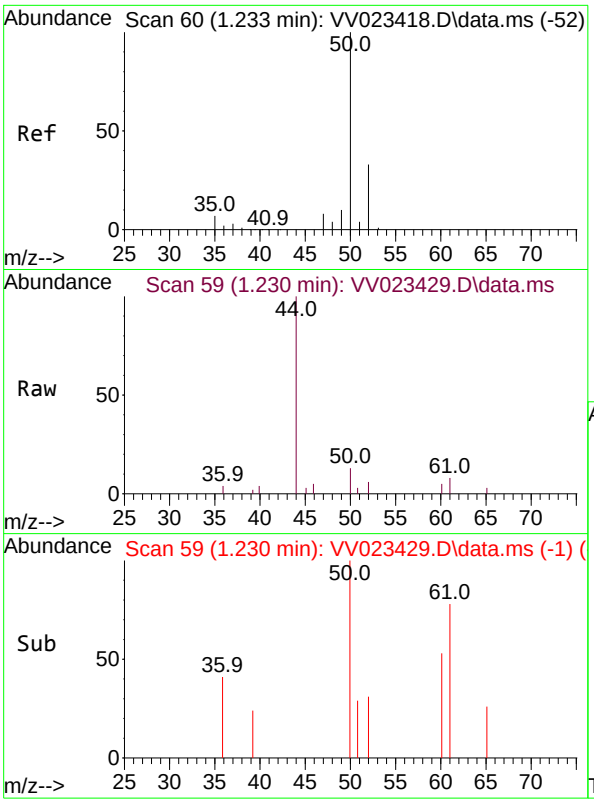
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111221\
Data File : VV023429.D
Acq On : 12 Nov 2021 09:08
Operator : SY/MD
Sample : M4542-07DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Nov 13 00:10:18 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 12 04:43:24 2021
Response via : Initial Calibration



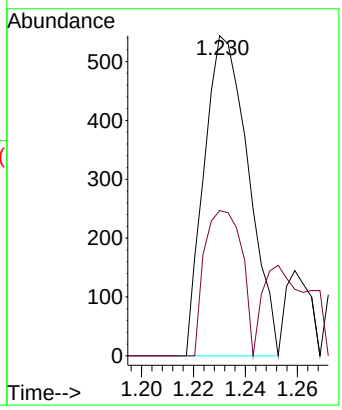


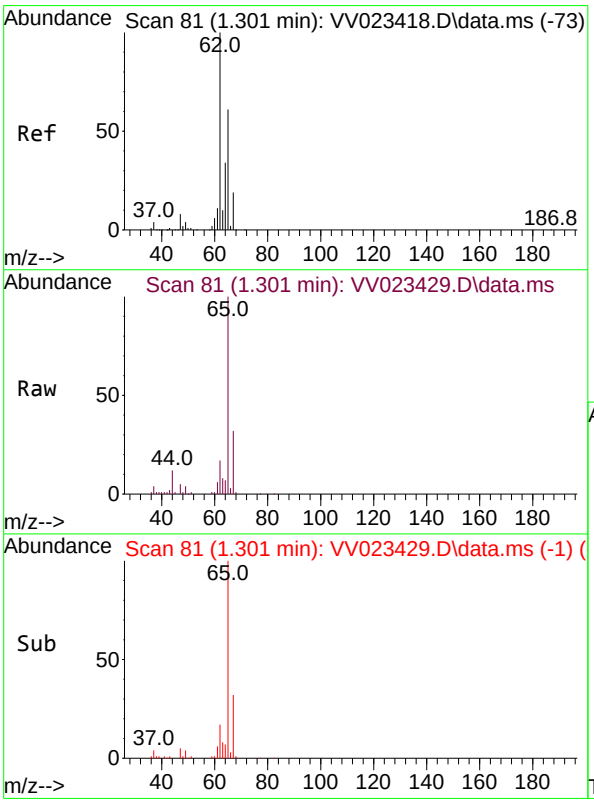
#3
Chloromethane
Concen: 0.068 ug/L
RT: 1.230 min Scan# 5
Delta R.T. -0.003 min
Lab File: VV023429.D
Acq: 12 Nov 2021 09:08

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 50 Resp: 643

Ion	Ratio	Lower	Upper
50	100		
52	45.4	24.3	45.1#

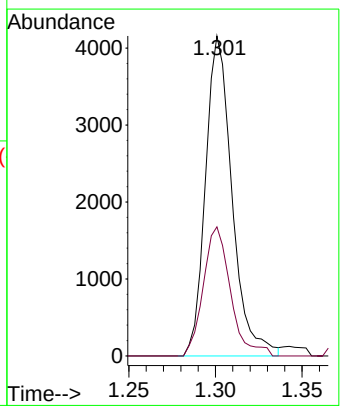


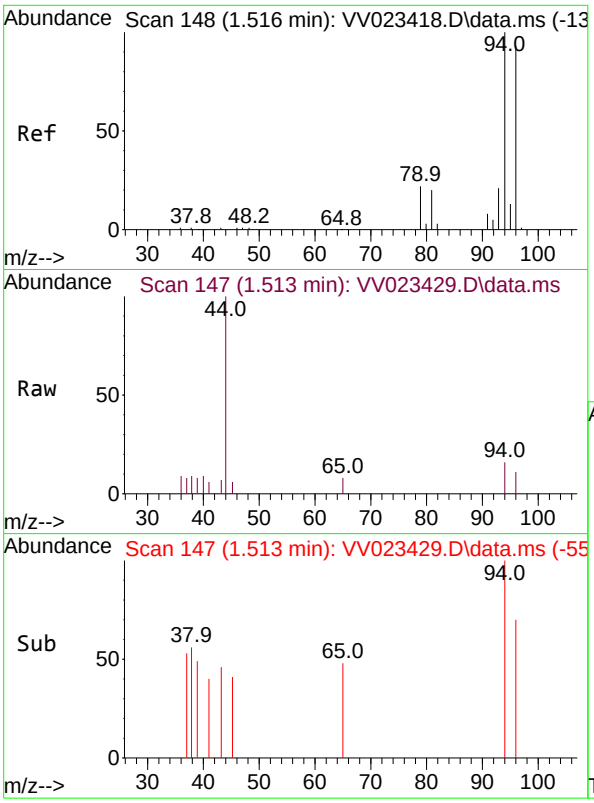


#5
Vinyl chloride
Concen: 0.467 ug/L
RT: 1.301 min Scan# 81
Delta R.T. -0.000 min
Lab File: VV023429.D
Acq: 12 Nov 2021 09:08

Tgt Ion: 62 Resp: 4426

Ion	Ratio	Lower	Upper
62	100		
64	40.4	23.1	42.9



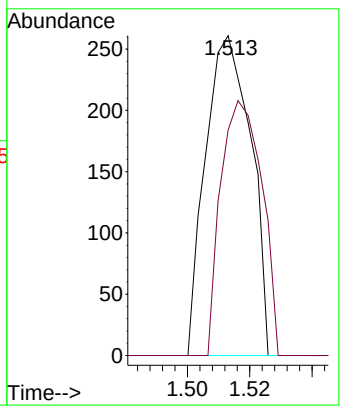


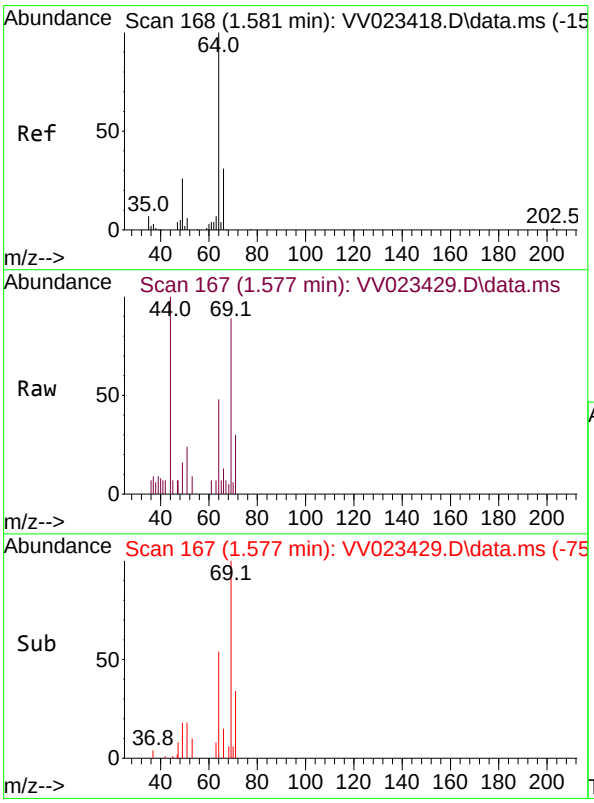
#6
Bromomethane
Concen: 0.043 ug/L
RT: 1.513 min Scan# 14
Delta R.T. -0.003 min
Lab File: VV023429.D
Acq: 12 Nov 2021 09:08

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 94 Resp: 263

Ion	Ratio	Lower	Upper
94	100		
96	70.5	65.0	120.8

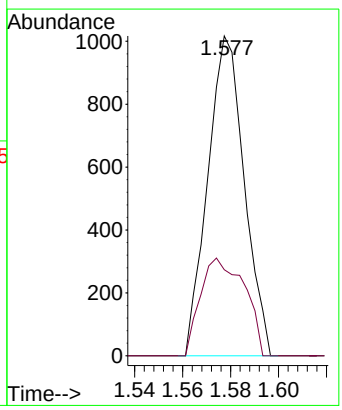


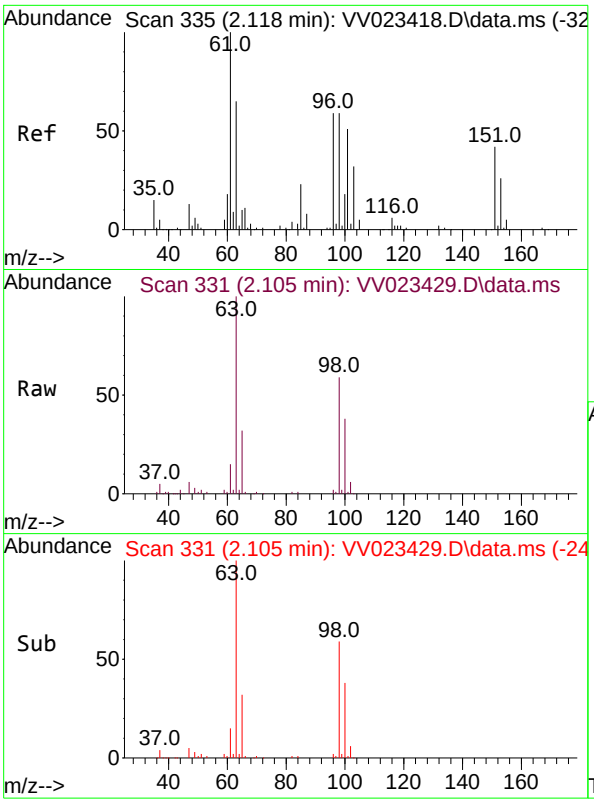


#8
Chloroethane
Concen: 0.196 ug/L
RT: 1.577 min Scan# 167
Delta R.T. -0.003 min
Lab File: VV023429.D
Acq: 12 Nov 2021 09:08

Tgt Ion: 64 Resp: 1073

Ion	Ratio	Lower	Upper
64	100		
66	26.9	22.1	41.1



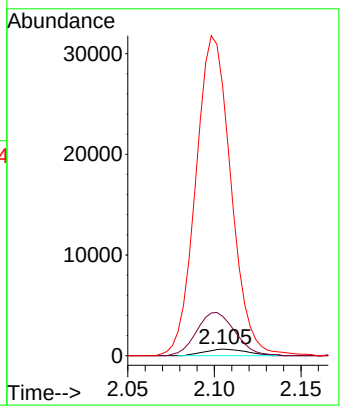


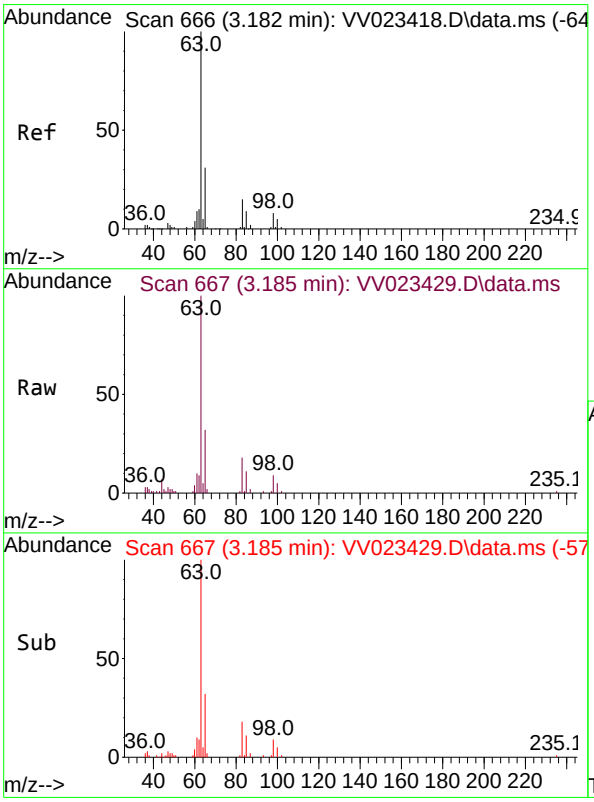
#12
1,1-Dichloroethene
Concen: 0.161 ug/L
RT: 2.105 min Scan# 3
Delta R.T. -0.013 min
Lab File: VV023429.D
Acq: 12 Nov 2021 09:08

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 1099

Ion	Ratio	Lower	Upper
96	100		
61	599.5	121.5	225.7#
63	4102.6	99.6	185.0#

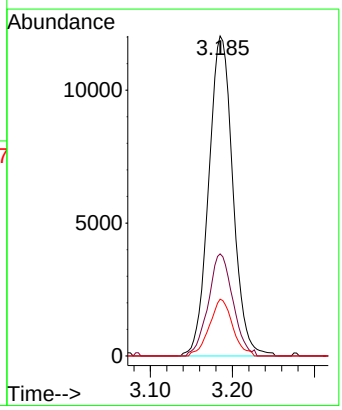


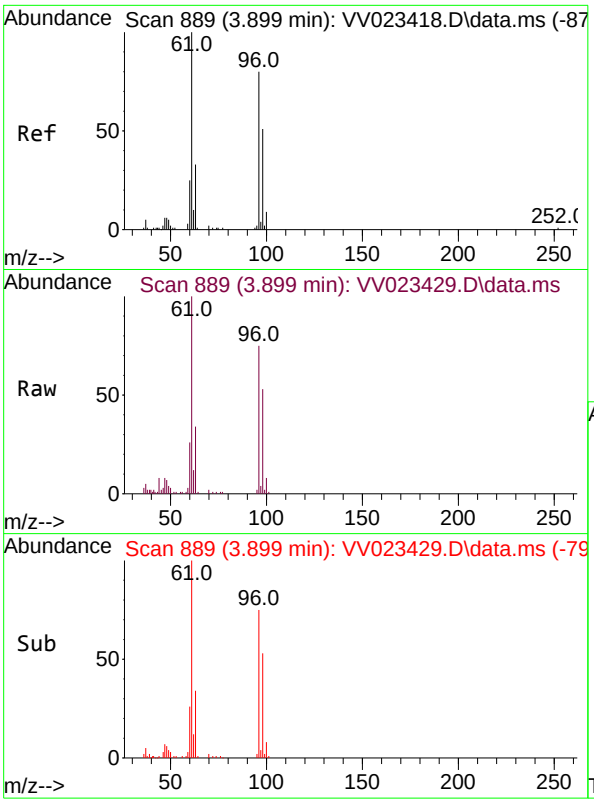


#19
1,1-Dichloroethane
Concen: 1.740 ug/L
RT: 3.185 min Scan# 667
Delta R.T. 0.003 min
Lab File: VV023429.D
Acq: 12 Nov 2021 09:08

Tgt Ion: 63 Resp: 24631

Ion	Ratio	Lower	Upper
63	100		
65	31.9	22.6	42.0
83	17.7	11.1	20.7



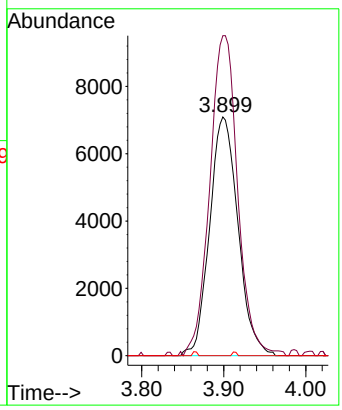


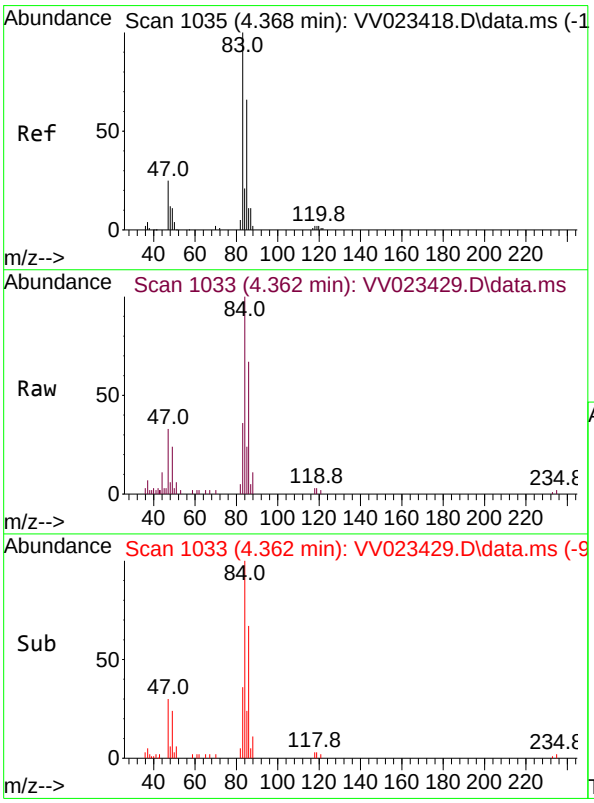
#22
cis-1,2-Dichloroethene
Concen: 2.115 ug/L
RT: 3.899 min Scan# 8
Delta R.T. -0.000 min
Lab File: VV023429.D
Acq: 12 Nov 2021 09:08

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 17068

Ion	Ratio	Lower	Upper
96	100		
61	134.1	92.3	171.3
68	0.0	0.4	0.8#

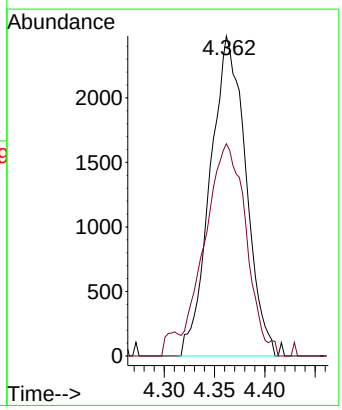


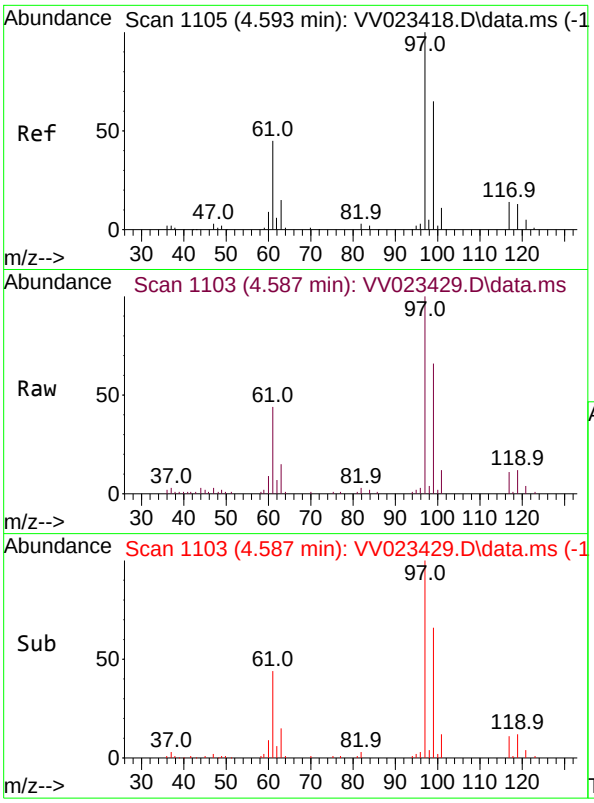


#25
Chloroform
Concen: 0.403 ug/L
RT: 4.362 min Scan# 1033
Delta R.T. -0.006 min
Lab File: VV023429.D
Acq: 12 Nov 2021 09:08

Tgt Ion: 83 Resp: 6083

Ion	Ratio	Lower	Upper
83	100		
85	66.3	46.8	86.8



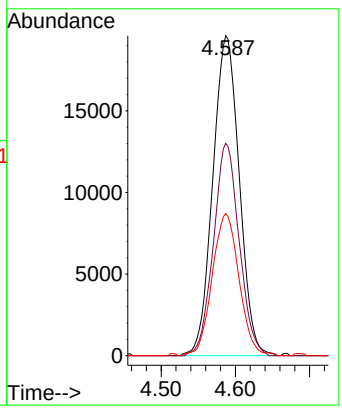


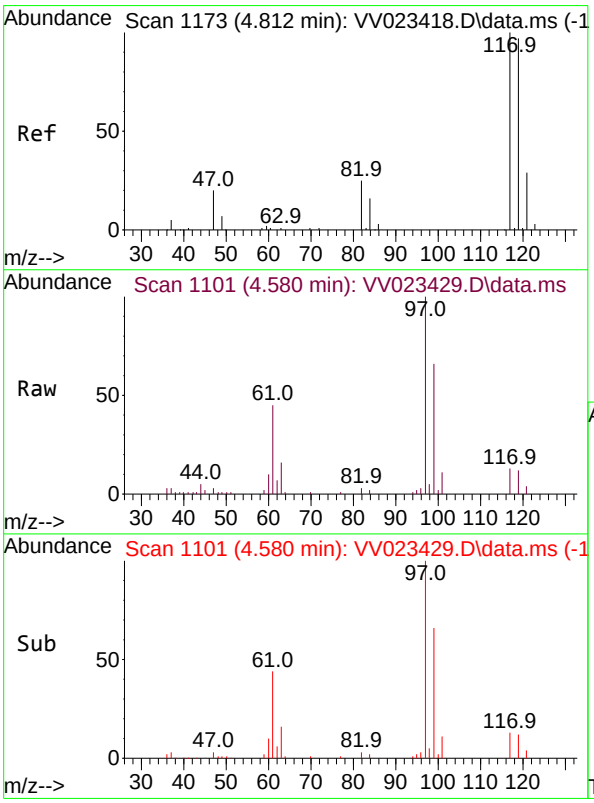
#29
1,1,1-Trichloroethane
Concen: 3.617 ug/L
RT: 4.587 min Scan# 11
Delta R.T. -0.006 min
Lab File: VV023429.D
Acq: 12 Nov 2021 09:08

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 48550

Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.0	76.4
61	45.1	34.1	51.1

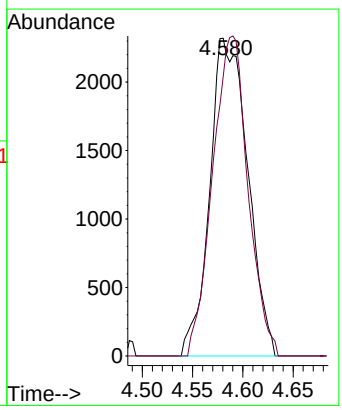


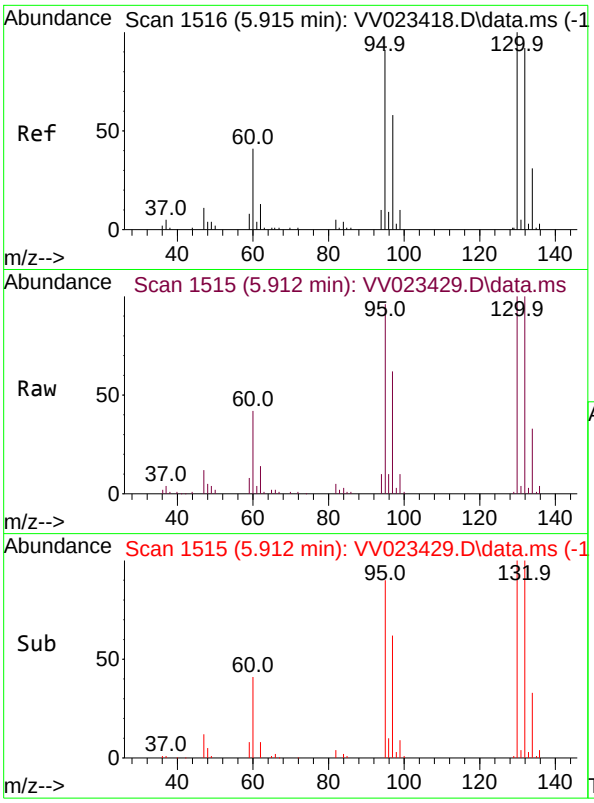


#31
Carbon tetrachloride
Concen: 0.505 ug/L
RT: 4.580 min Scan# 1101
Delta R.T. -0.231 min
Lab File: VV023429.D
Acq: 12 Nov 2021 09:08

Tgt Ion:117 Resp: 6086

Ion	Ratio	Lower	Upper
117	100		
119	93.8	78.8	118.2



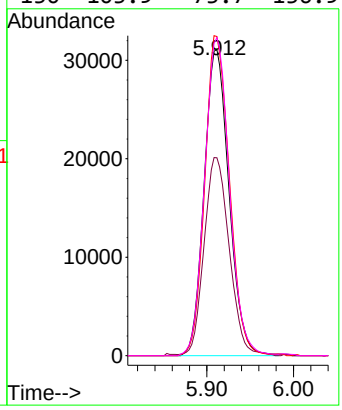


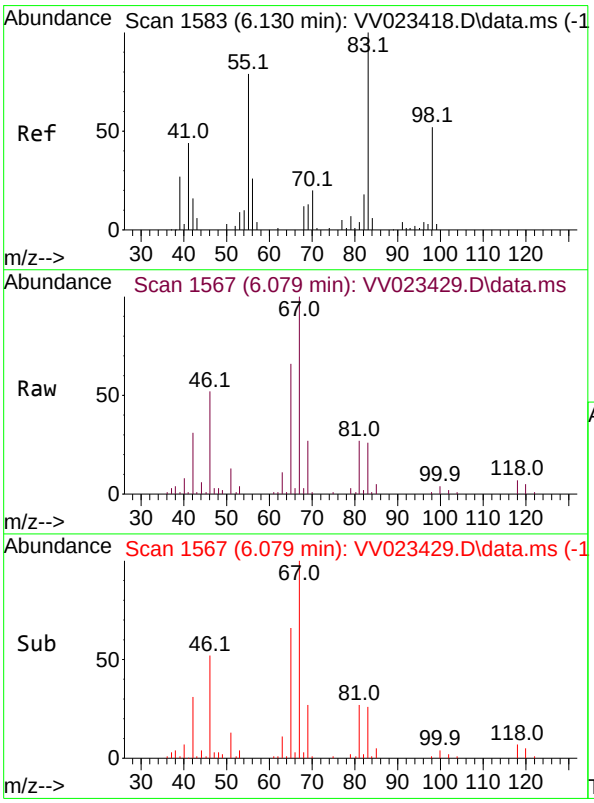
#34
Trichloroethene
Concen: 7.567 ug/L
RT: 5.912 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV023429.D
Acq: 12 Nov 2021 09:08

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 62169

Ion	Ratio	Lower	Upper
95	100		
97	64.7	45.0	83.6
132	104.3	69.7	129.4
130	103.9	73.7	136.9

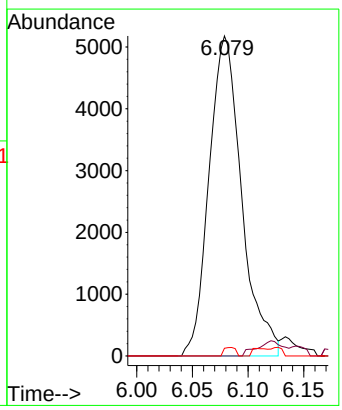


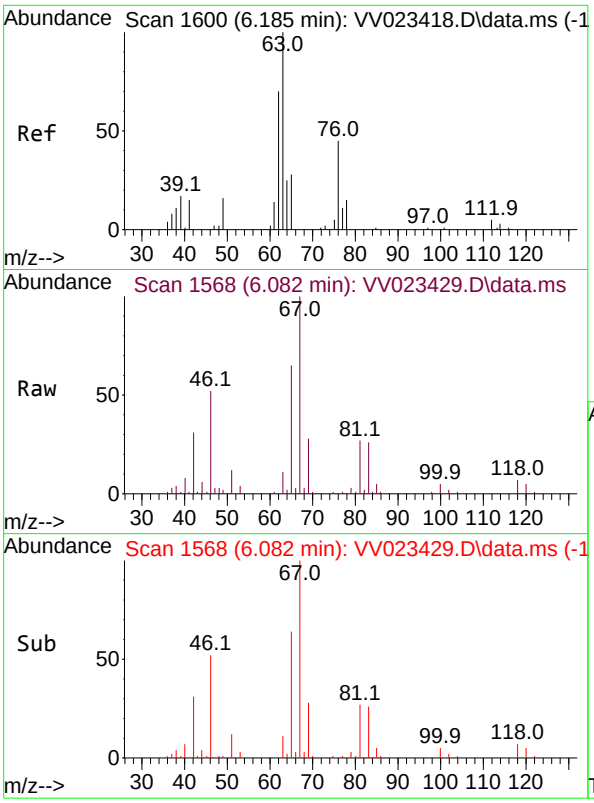


#35
Methylcyclohexane
Concen: 0.812 ug/L
RT: 6.079 min Scan# 1567
Delta R.T. -0.051 min
Lab File: VV023429.D
Acq: 12 Nov 2021 09:08

Tgt Ion: 83 Resp: 10533

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.8	94.2#
98	0.9	37.9	56.9#



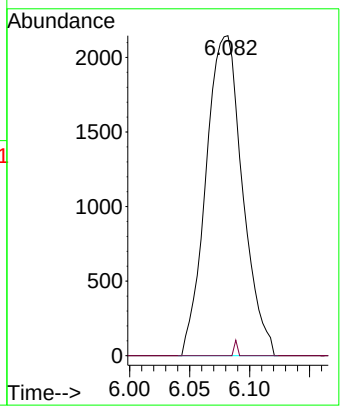


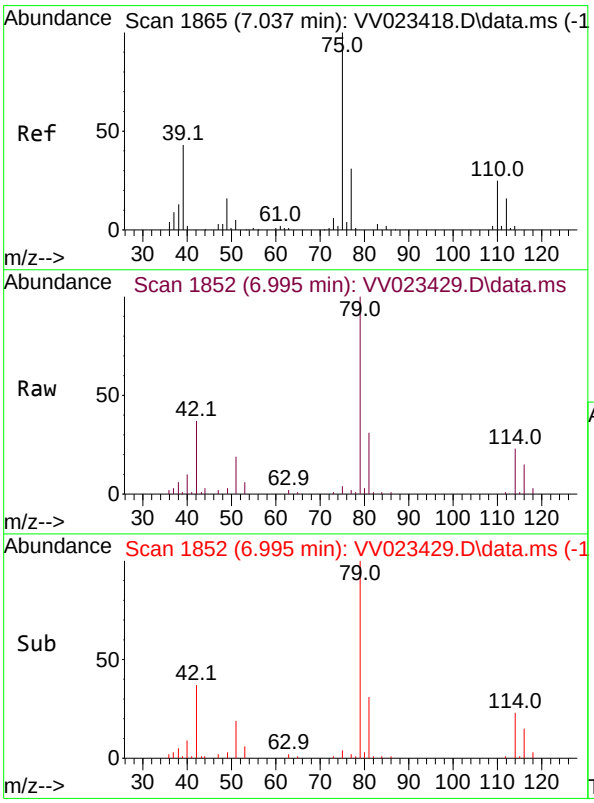
#37
1,2-Dichloropropane
Concen: 0.630 ug/L
RT: 6.082 min Scan# 1
Delta R.T. -0.103 min
Lab File: VV023429.D
Acq: 12 Nov 2021 09:08

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 4545

Ion	Ratio	Lower	Upper
63	100		
112	0.4	4.6	6.8#

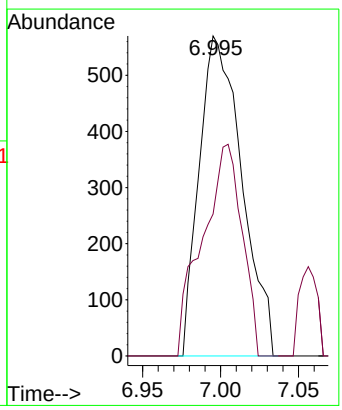


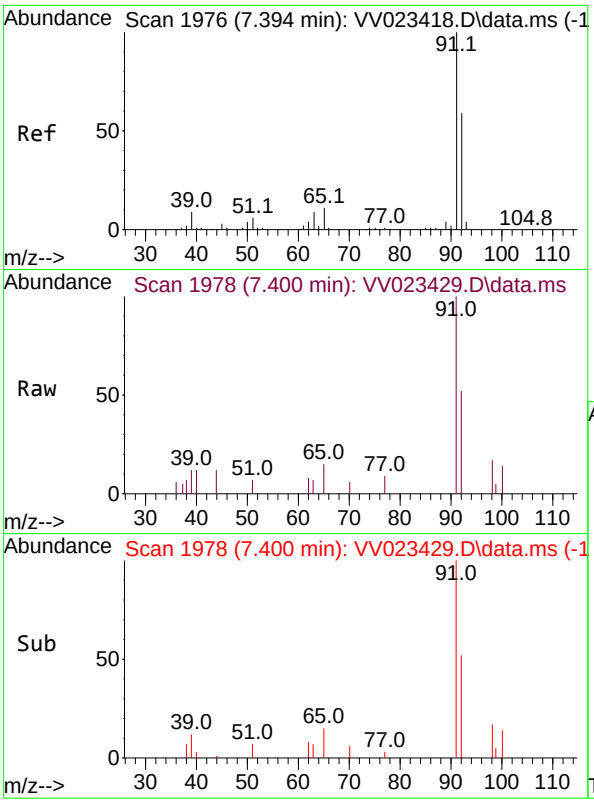


#39
cis-1,3-Dichloropropene
Concen: 0.104 ug/L
RT: 6.995 min Scan# 1852
Delta R.T. -0.042 min
Lab File: VV023429.D
Acq: 12 Nov 2021 09:08

Tgt Ion: 75 Resp: 1084

Ion	Ratio	Lower	Upper
75	100		
77	44.4	21.6	40.2#



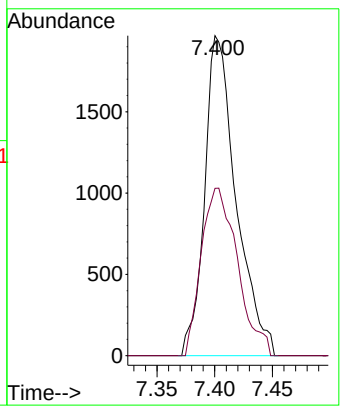


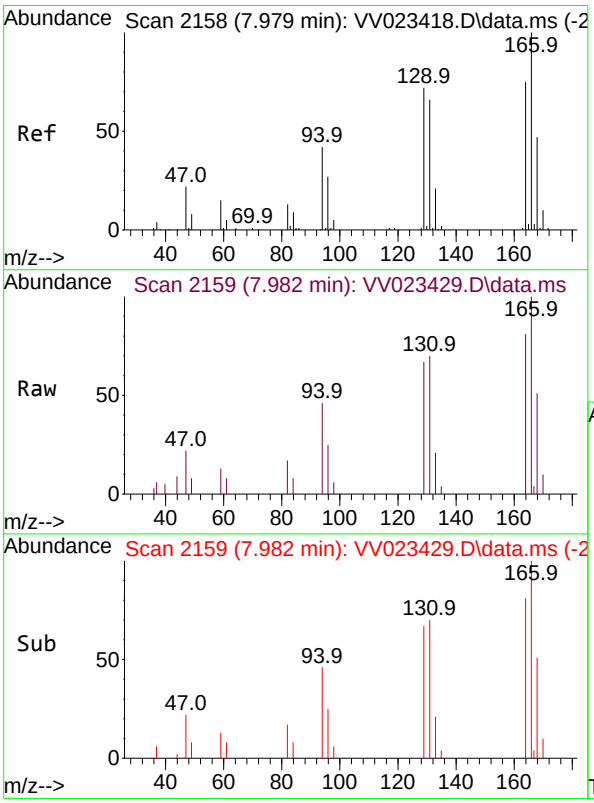
#42
Toluene
Concen: 0.113 ug/L
RT: 7.400 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV023429.D
Acq: 12 Nov 2021 09:08

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 91 Resp: 3740

Ion	Ratio	Lower	Upper
91	100		
92	52.3	39.3	72.9

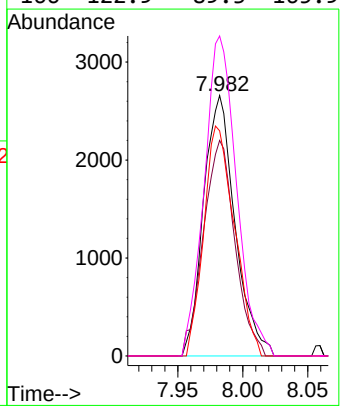


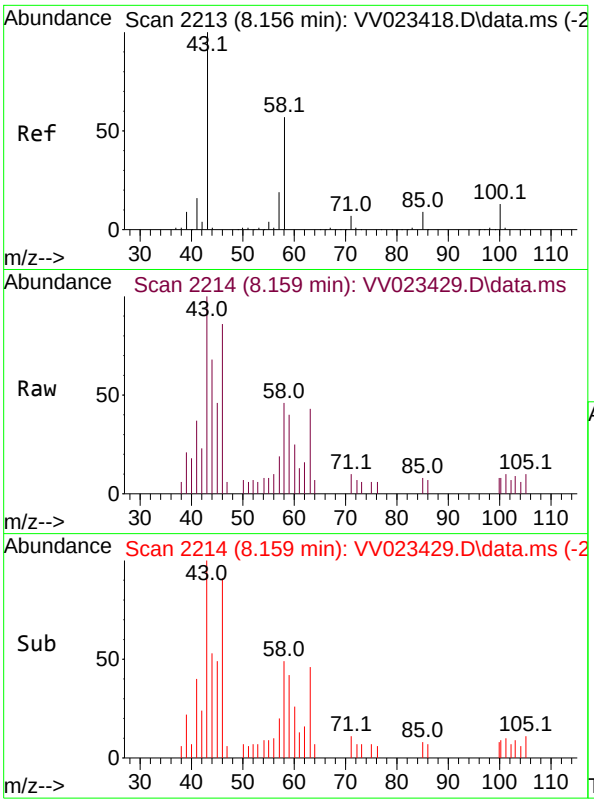


#47
Tetrachloroethene
Concen: 0.629 ug/L
RT: 7.982 min Scan# 2159
Delta R.T. 0.003 min
Lab File: VV023429.D
Acq: 12 Nov 2021 09:08

Tgt Ion:164 Resp: 4480

Ion	Ratio	Lower	Upper
164	100		
129	82.8	64.0	119.0
131	86.5	63.4	117.8
166	122.9	89.3	165.9



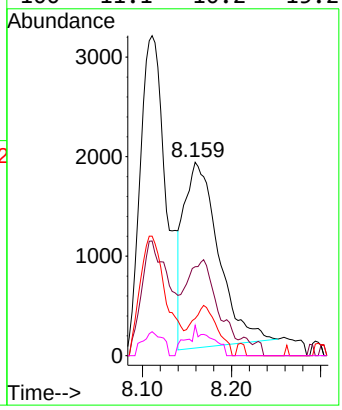


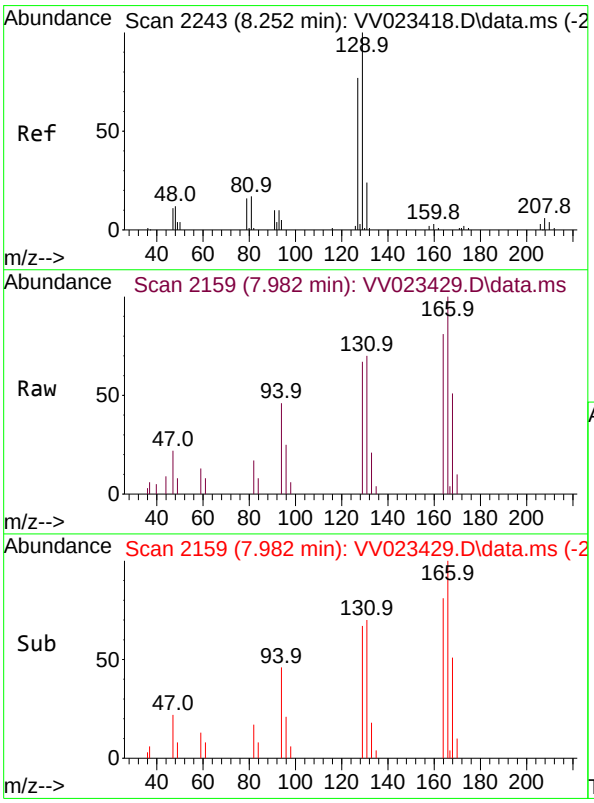
#48
2-Hexanone
Concen: 2.151 ug/L
RT: 8.159 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV023429.D
Acq: 12 Nov 2021 09:08

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 5041

Ion	Ratio	Lower	Upper
43	100		
58	37.4	43.7	65.5#
57	20.0	14.1	21.1
100	11.1	10.2	15.2

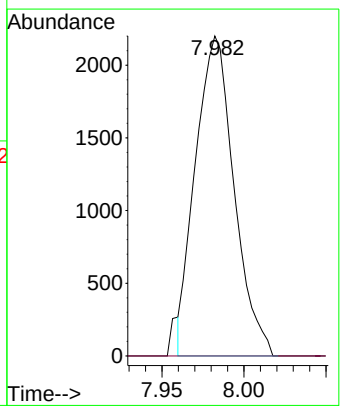


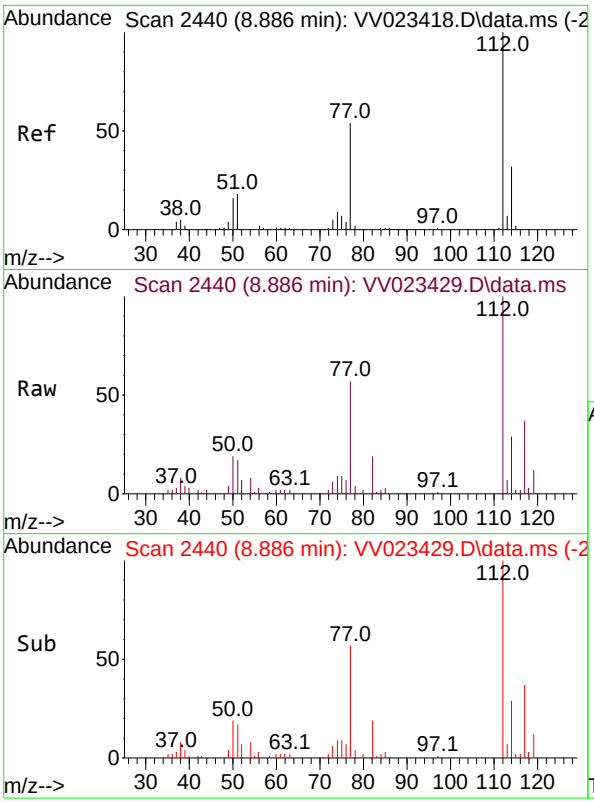


#49
Dibromochloromethane
Concen: 0.548 ug/L
RT: 7.982 min Scan# 2159
Delta R.T. -0.270 min
Lab File: VV023429.D
Acq: 12 Nov 2021 09:08

Tgt Ion:129 Resp: 3600

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.7	101.7#



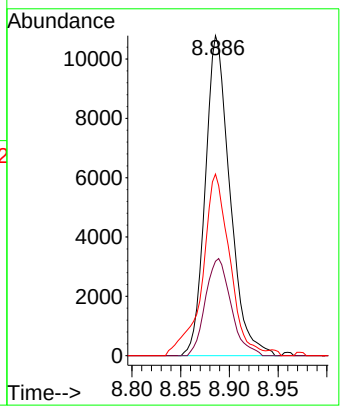


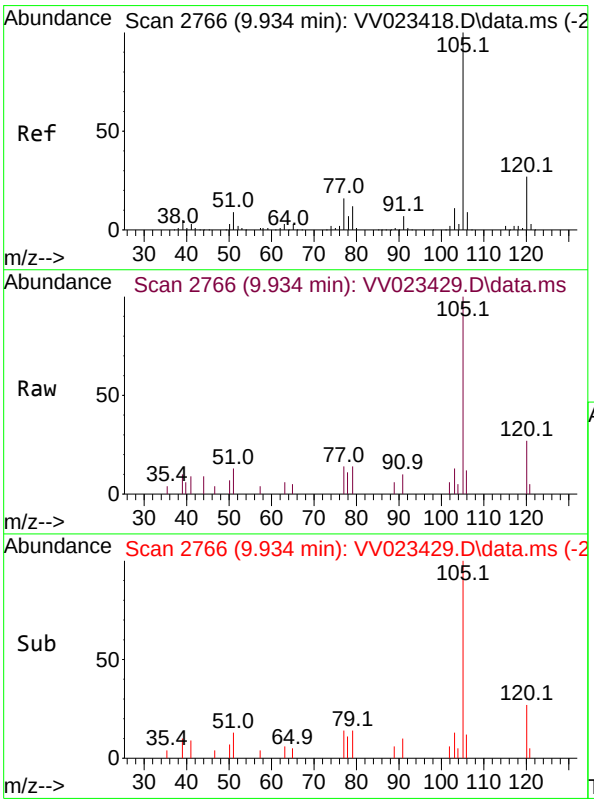
#51
Chlorobenzene
Concen: 0.862 ug/L
RT: 8.886 min Scan# 24
Delta R.T. -0.000 min
Lab File: VV023429.D
Acq: 12 Nov 2021 09:08

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:112 Resp: 18937

Ion	Ratio	Lower	Upper
112	100		
114	29.5	22.0	40.8
77	56.8	44.4	66.6

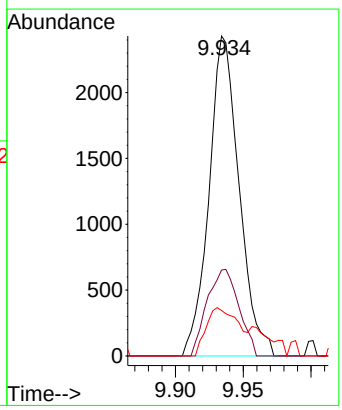


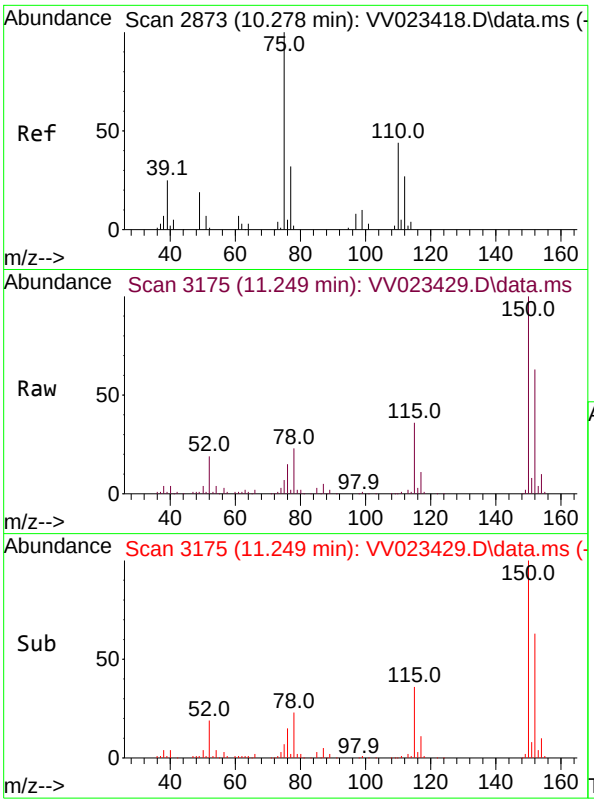


#60
Isopropylbenzene
Concen: 0.129 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.000 min
Lab File: VV023429.D
Acq: 12 Nov 2021 09:08

Tgt Ion:105 Resp: 3754

Ion	Ratio	Lower	Upper
105	100		
120	28.5	21.7	32.5
77	16.1	12.6	19.0



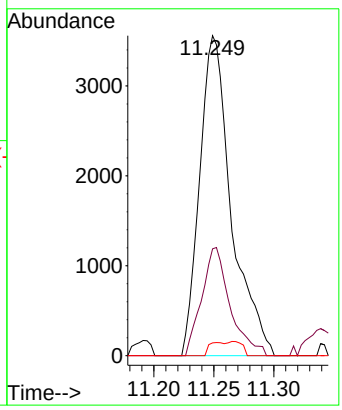


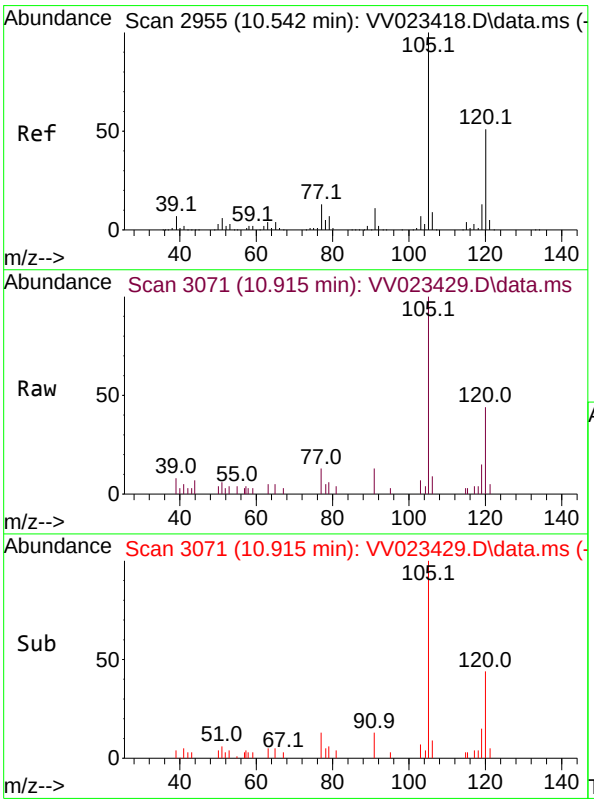
#61
1,2,3-Trichloropropane
Concen: 1.937 ug/L
RT: 11.249 min Scan# 3
Delta R.T. 0.971 min
Lab File: VV023429.D
Acq: 12 Nov 2021 09:08

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 6529

Ion	Ratio	Lower	Upper
75	100		
77	30.4	26.6	39.8
110	2.0	31.8	47.6#

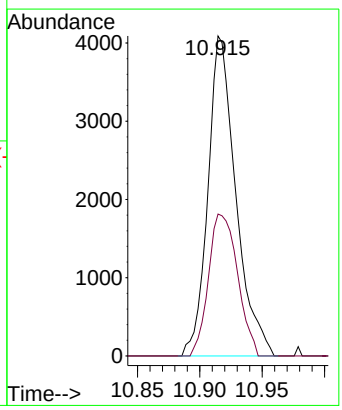


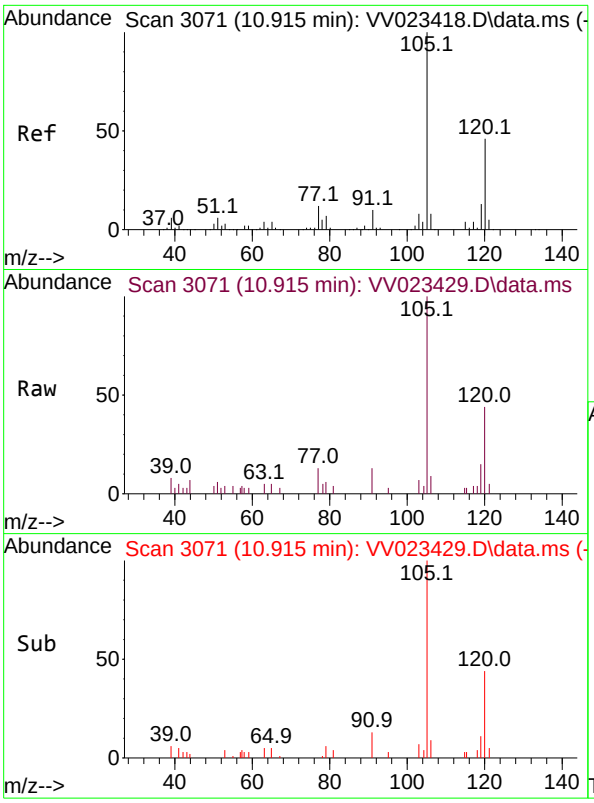


#62
1,3,5-Trimethylbenzene
Concen: 0.264 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.373 min
Lab File: VV023429.D
Acq: 12 Nov 2021 09:08

Tgt Ion:105 Resp: 6380

Ion	Ratio	Lower	Upper
105	100		
120	46.1	39.7	59.5



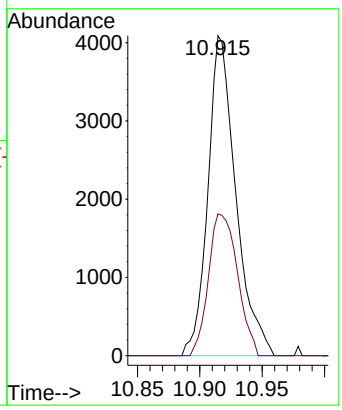


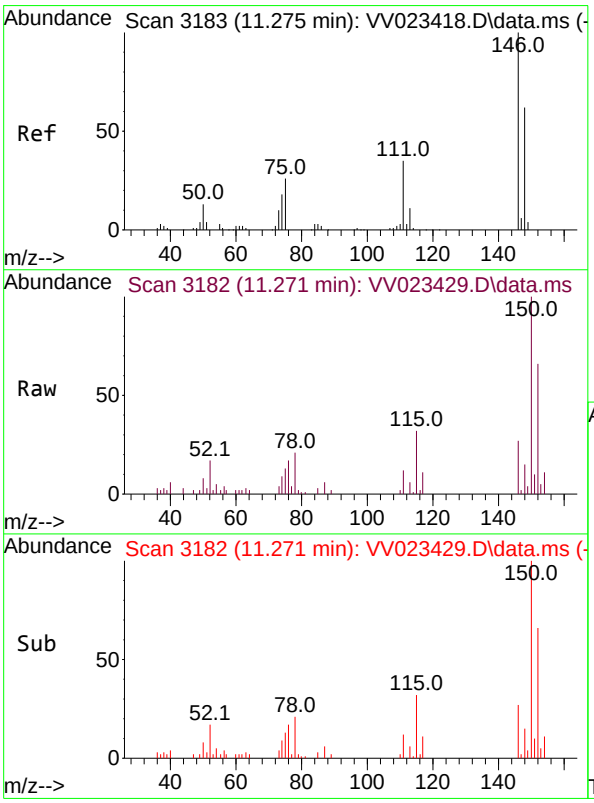
#63
1,2,4-Trimethylbenzene
Concen: 0.266 ug/L
RT: 10.915 min Scan# 3
Delta R.T. 0.000 min
Lab File: VV023429.D
Acq: 12 Nov 2021 09:08

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:105 Resp: 6380

Ion	Ratio	Lower	Upper
105	100		
120	46.1	37.4	56.2

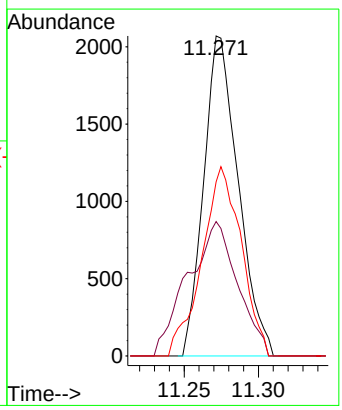


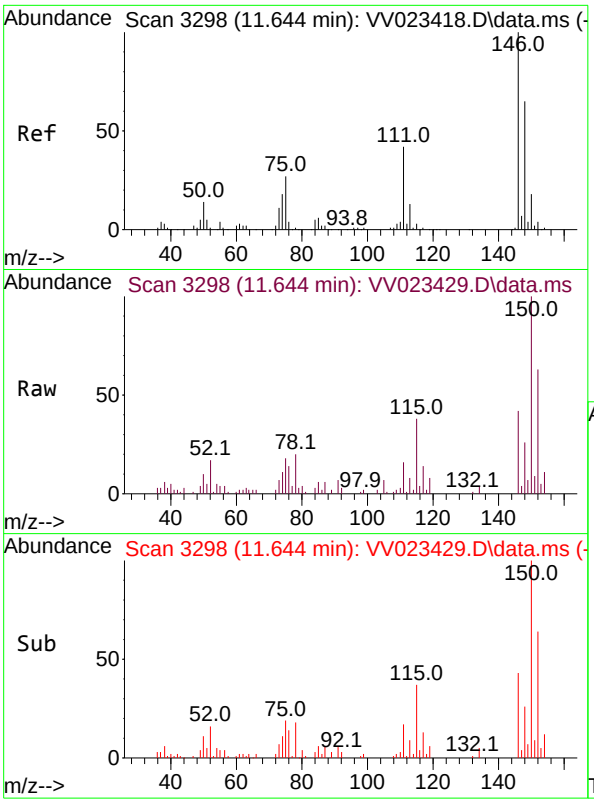


#65
1,4-Dichlorobenzene
Concen: 0.220 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.003 min
Lab File: VV023429.D
Acq: 12 Nov 2021 09:08

Tgt Ion:146 Resp: 3345

Ion	Ratio	Lower	Upper
146	100		
111	42.0	26.2	48.8
148	54.4	44.4	82.5





#67
1,2-Dichlorobenzene
Concen: 0.501 ug/L
RT: 11.644 min Scan# 3
Delta R.T. -0.000 min
Lab File: VV023429.D
Acq: 12 Nov 2021 09:08

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:146 Resp: 6662

Ion	Ratio	Lower	Upper
146	100		
111	39.4	31.6	47.4
148	61.7	51.0	76.6