Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111822\
Data File : VV029111.D
Acq On : 18 Nov 2022 12:23
Operator : SY/MD
Sample : N5648-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Nov 18 23:33:29 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 18 04:35:43 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	280920	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	256404	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	116658	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	93053	5.433	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 108.600%			
7) Chloroethane-d5	1.568	69	73937	4.911	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 98.200%			
11) 1,1-Dichloroethene-d2	2.108	63	123383	3.953	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 79.000%			
20) 2-Butanone-d5	3.886	46	214311	74.755	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 149.500%#			
24) Chloroform-d	4.343	84	174339	4.958	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.200%			
26) 1,2-Dichloroethane-d4	5.031	65	83831	5.299	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.000%			
32) Benzene-d6	5.047	84	365237	4.772	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.400%			
36) 1,2-Dichloropropane-d6	6.066	67	114649	5.365	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 107.200%			
41) Toluene-d8	7.310	98	330203	4.793	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.800%			
43) trans-1,3-Dichloroprop...	7.622	79	31794	4.561	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.200%			
46) 2-Hexanone-d5	8.088	63	152147	51.139	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 102.280%			
56) 1,1,2,2-Tetrachloroeth...	10.207	84	81271	5.485	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 109.800%			
66) 1,2-Dichlorobenzene-d4	11.616	152	117879	5.648	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 113.000%			
Target Compounds						Qvalue
5) Vinyl chloride	1.311	62	268917	12.130	ug/L	94
6) Bromomethane	1.526	94	931	0.070	ug/L #	58
8) Chloroethane	1.413	64	327570	25.145	ug/L #	52
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	1549	0.092	ug/L #	24
12) 1,1-Dichloroethene	2.118	96	7126	0.419	ug/L #	1
15) Methyl Acetate	2.497	43	4438	0.992	ug/L #	44
17) Methyl tert-butyl Ether	2.764	73	582036	15.964	ug/L	98
18) trans-1,2-Dichloroethene	2.761	96	55505	2.814	ug/L	99
19) 1,1-Dichloroethane	3.188	63	33770	1.047	ug/L	99
22) cis-1,2-Dichloroethene	3.902	96	2163003	107.871	ug/L	97
25) Chloroform	4.371	83	5322	0.157	ug/L	89
33) Benzene	5.101	78	28227	0.360	ug/L	100
34) Trichloroethene	5.908	95	2012530	100.330	ug/L	98
35) Methylcyclohexane	6.066	83	27620	0.783	ug/L #	21
37) 1,2-Dichloropropane	6.066	63	12483	0.691	ug/L #	85
39) cis-1,3-Dichloropropene	6.982	75	2141	0.085	ug/L #	47
47) Tetrachloroethene	7.973	164	14330	0.892	ug/L	96
49) Dibromochloromethane	7.969	129	13252	0.927	ug/L #	10
61) 1,2,3-Trichloropropane	11.239	75	13791	1.730	ug/L #	64

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111822\
Data File : VV029111.D
Acq On : 18 Nov 2022 12:23
Operator : SY/MD
Sample : N5648-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Nov 18 23:33:29 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 18 04:35:43 2022
Response via : Initial Calibration

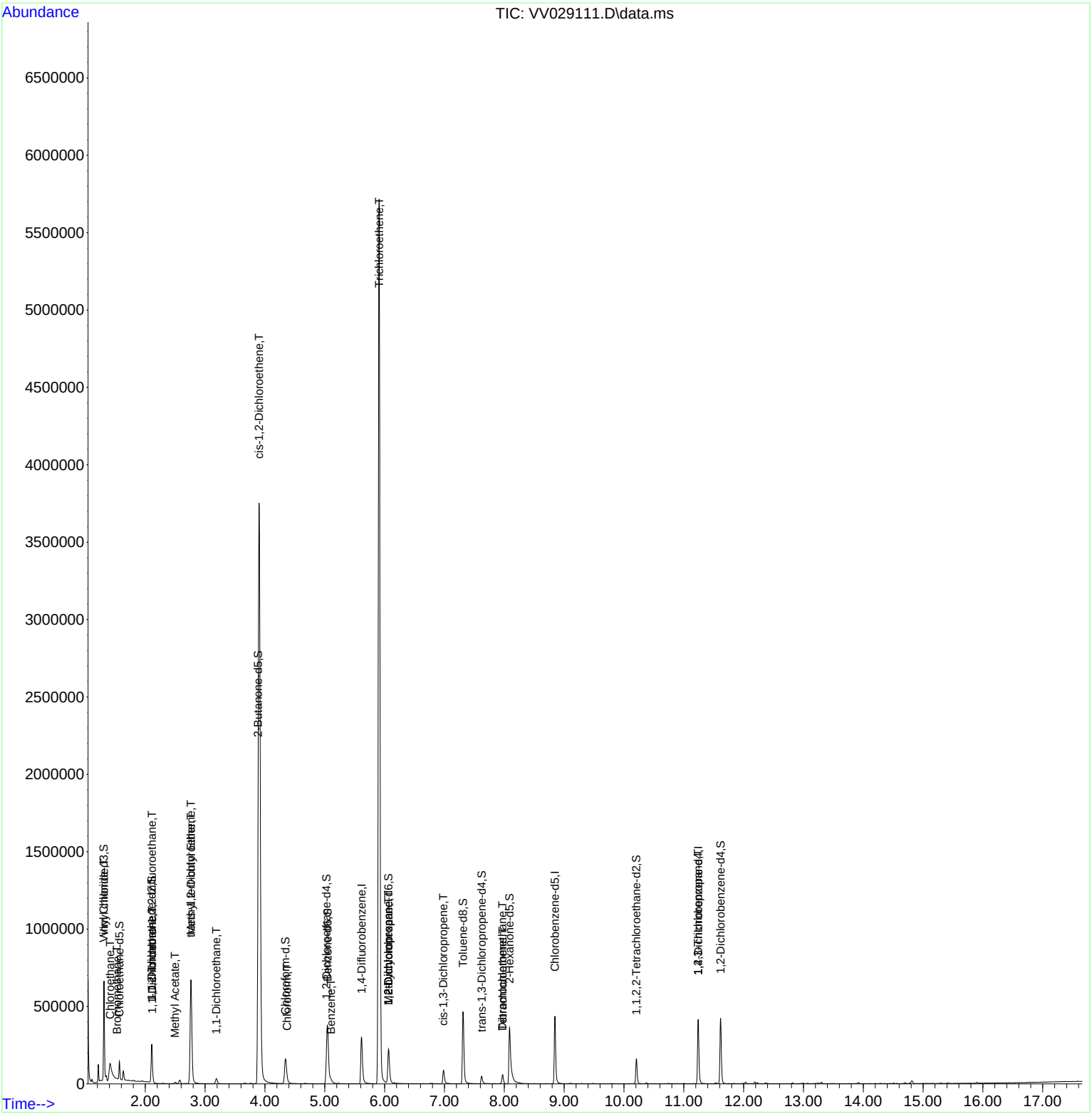
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

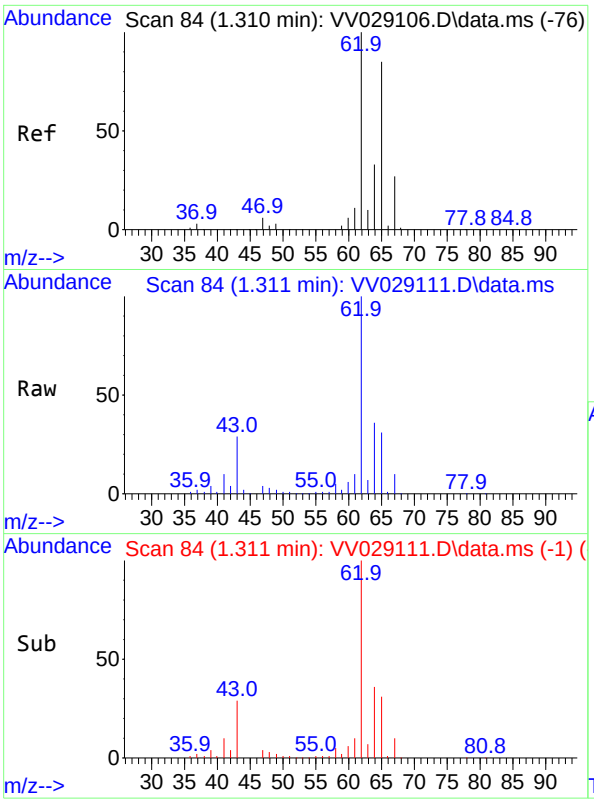
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111822\
Data File : VV029111.D
Acq On : 18 Nov 2022 12:23
Operator : SY/MD
Sample : N5648-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Nov 18 23:33:29 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 18 04:35:43 2022
Response via : Initial Calibration



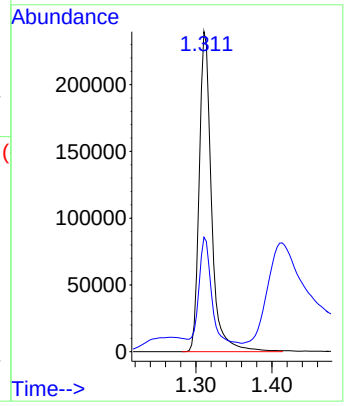


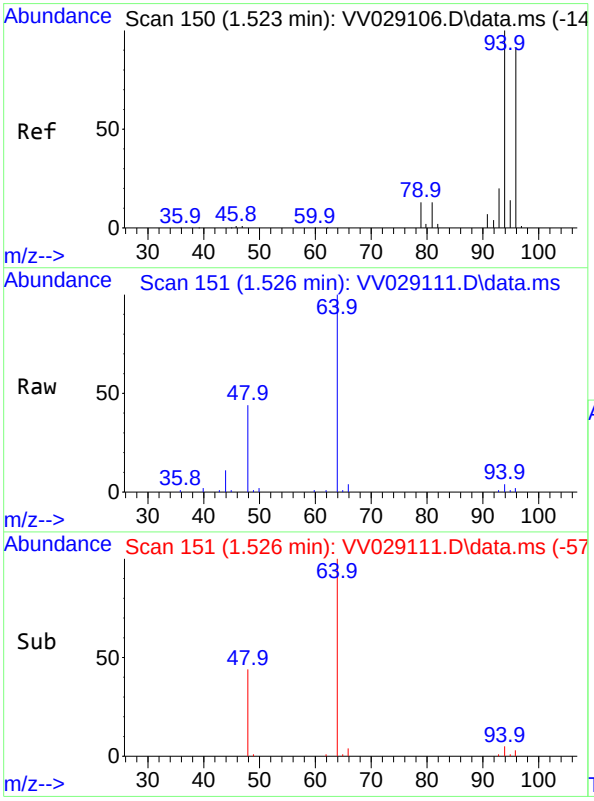
#5
Vinyl chloride
Concen: 12.130 ug/L
RT: 1.311 min Scan# 84
Delta R.T. -0.000 min
Lab File: VV029111.D
Acq: 18 Nov 2022 12:23

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 62 Resp: 268917

Ion	Ratio	Lower	Upper
62	100		
64	35.8	22.8	42.4

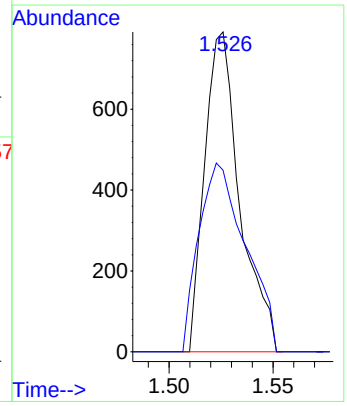


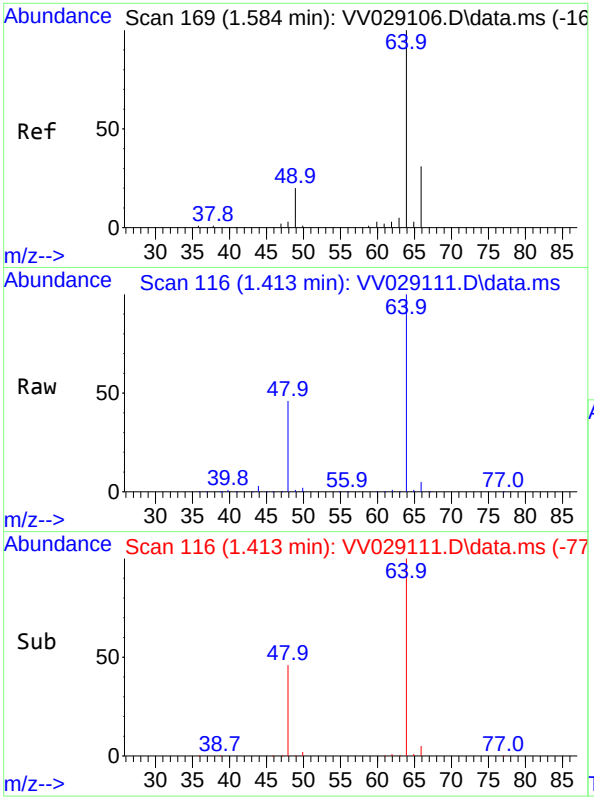


#6
Bromomethane
Concen: 0.070 ug/L
RT: 1.526 min Scan# 151
Delta R.T. 0.003 min
Lab File: VV029111.D
Acq: 18 Nov 2022 12:23

Tgt Ion: 94 Resp: 931

Ion	Ratio	Lower	Upper
94	100		
96	56.8	68.5	127.3#



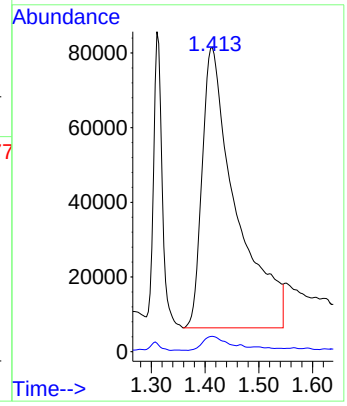


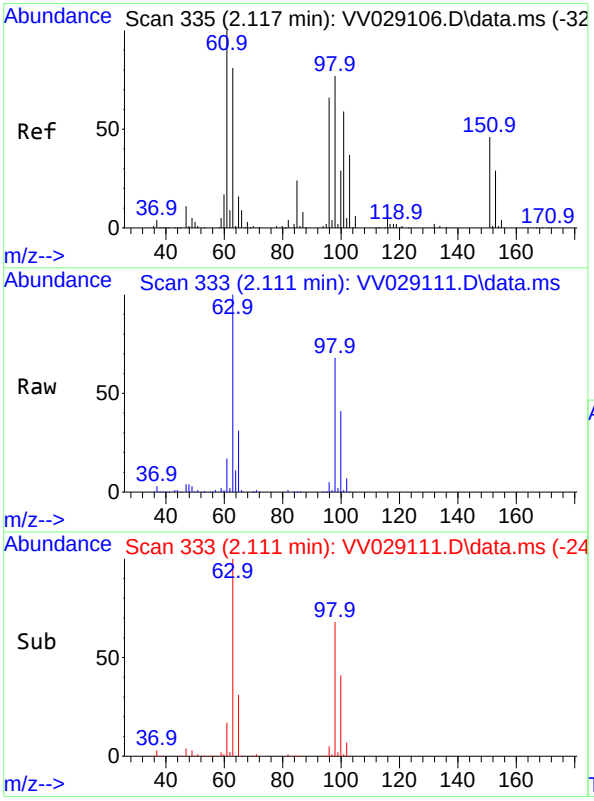
#8
Chloroethane
Concen: 25.145 ug/L
RT: 1.413 min Scan# 1
Delta R.T. -0.174 min
Lab File: VV029111.D
Acq: 18 Nov 2022 12:23

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 64 Resp: 327570

Ion	Ratio	Lower	Upper
64	100		
66	5.0	22.0	40.8#

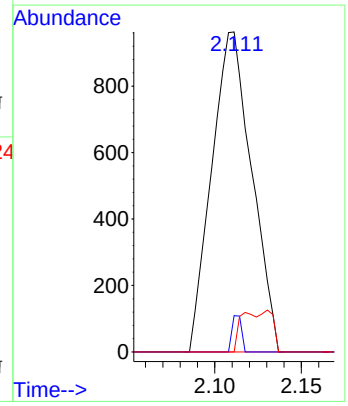


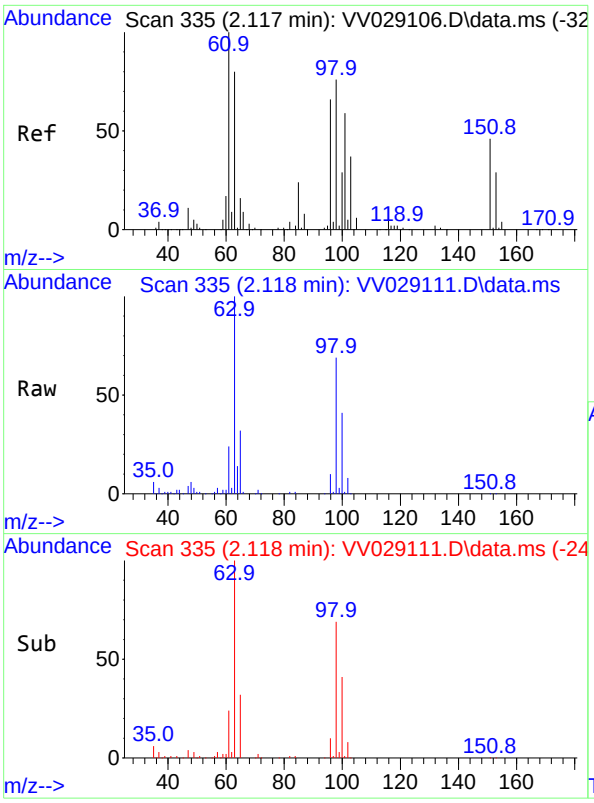


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.092 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.006 min
Lab File: VV029111.D
Acq: 18 Nov 2022 12:23

Tgt Ion:101 Resp: 1549

Ion	Ratio	Lower	Upper
101	100		
85	2.7	32.9	49.3#
151	5.6	62.5	93.7#



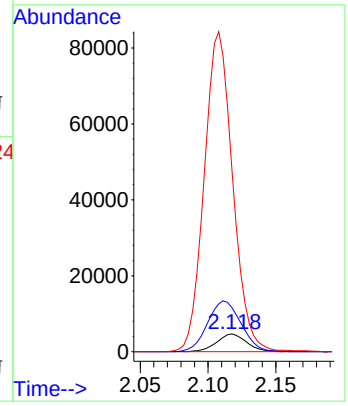


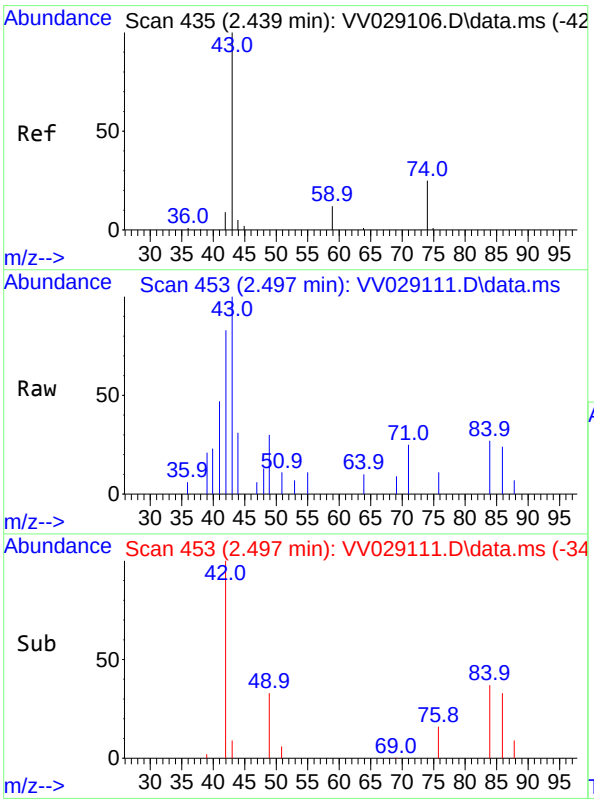
#12
1,1-Dichloroethene
Concen: 0.419 ug/L
RT: 2.118 min Scan# 3
Delta R.T. -0.003 min
Lab File: VV029111.D
Acq: 18 Nov 2022 12:23

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 7126

Ion	Ratio	Lower	Upper
96	100		
61	249.0	104.2	193.4#
63	1031.4	75.9	140.9#

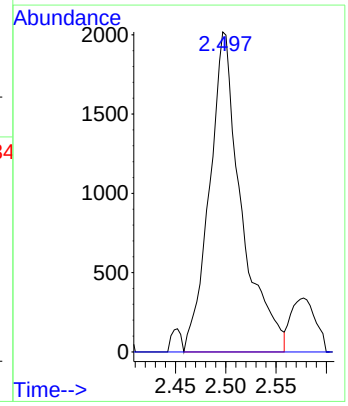


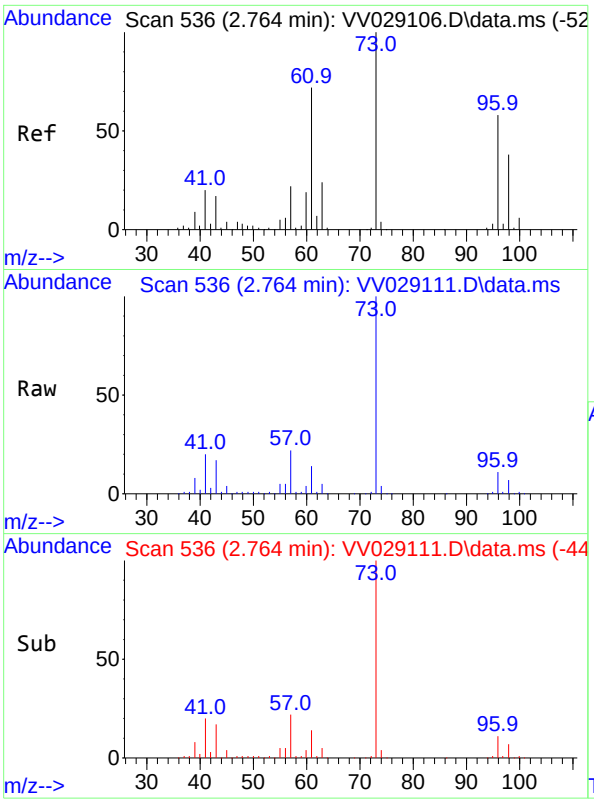


#15
Methyl Acetate
Concen: 0.992 ug/L
RT: 2.497 min Scan# 453
Delta R.T. 0.058 min
Lab File: VV029111.D
Acq: 18 Nov 2022 12:23

Tgt Ion: 43 Resp: 4438

Ion	Ratio	Lower	Upper
43	100		
74	0.0	24.6	37.0#



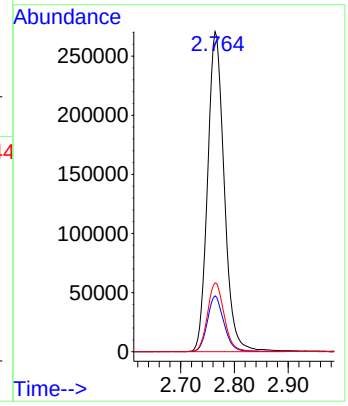


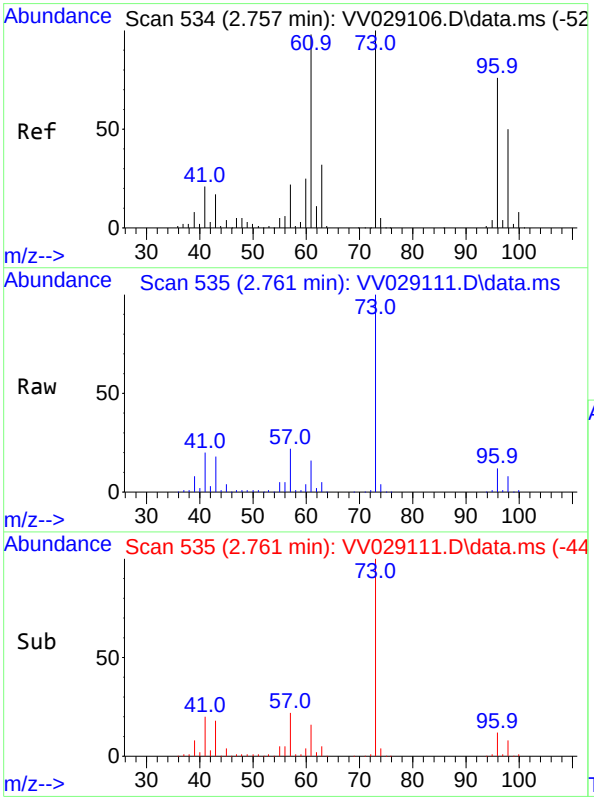
#17
Methyl tert-butyl Ether
Concen: 15.964 ug/L
RT: 2.764 min Scan# 5
Delta R.T. -0.003 min
Lab File: VV029111.D
Acq: 18 Nov 2022 12:23

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 73 Resp: 582036

Ion	Ratio	Lower	Upper
73	100		
43	17.1	13.0	19.4
57	21.7	16.6	24.8

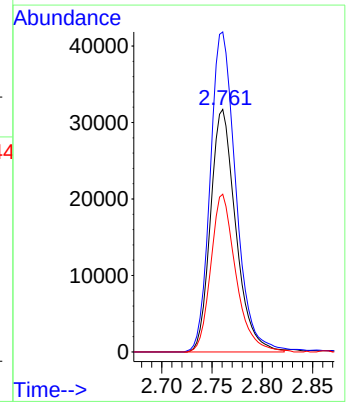


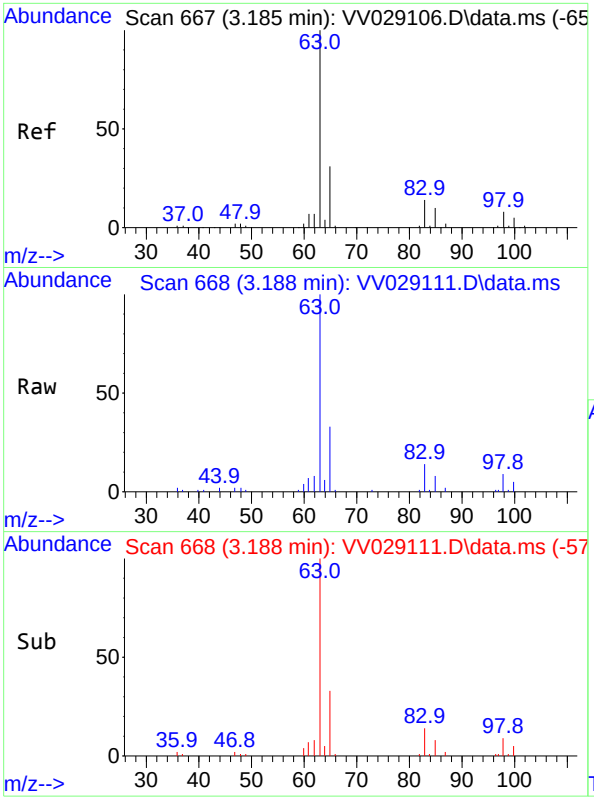


#18
trans-1,2-Dichloroethene
Concen: 2.814 ug/L
RT: 2.761 min Scan# 535
Delta R.T. -0.000 min
Lab File: VV029111.D
Acq: 18 Nov 2022 12:23

Tgt Ion: 96 Resp: 55505

Ion	Ratio	Lower	Upper
96	100		
61	131.9	91.8	170.6
98	65.0	46.4	86.2



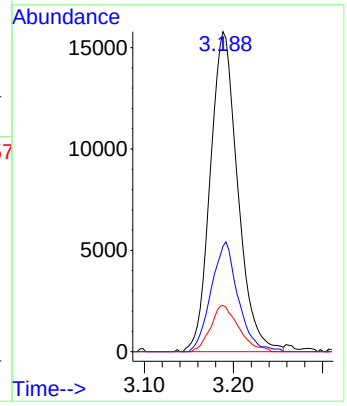


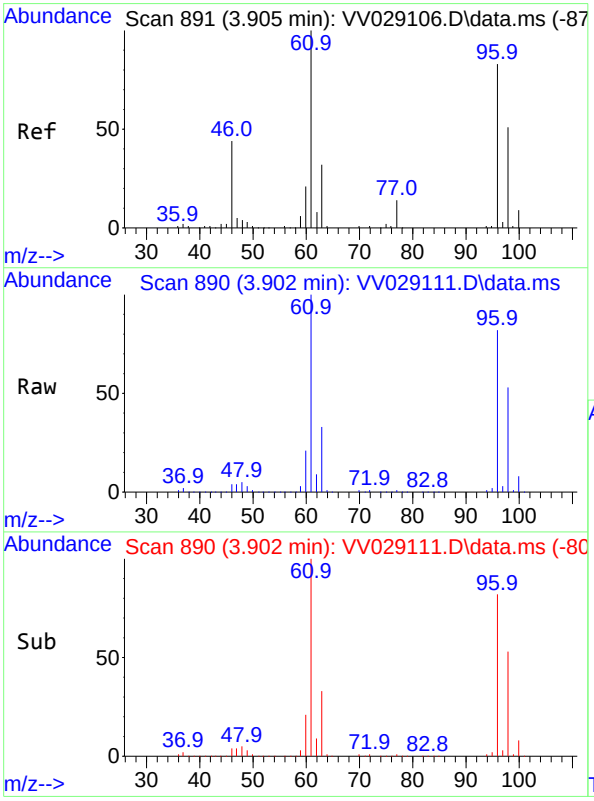
#19
1,1-Dichloroethane
Concen: 1.047 ug/L
RT: 3.188 min Scan# 6
Delta R.T. -0.000 min
Lab File: VV029111.D
Acq: 18 Nov 2022 12:23

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 33770

Ion	Ratio	Lower	Upper
63	100		
65	33.0	23.0	42.6
83	14.5	9.4	17.6

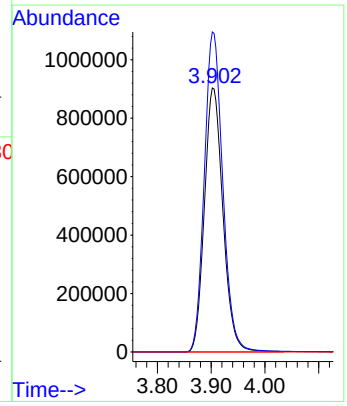


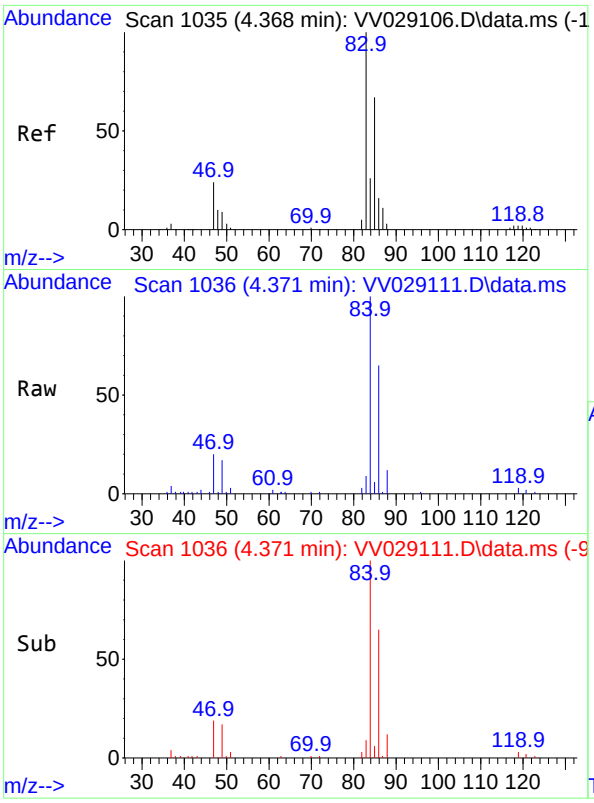


#22
cis-1,2-Dichloroethene
Concen: 107.871 ug/L
RT: 3.902 min Scan# 890
Delta R.T. -0.010 min
Lab File: VV029111.D
Acq: 18 Nov 2022 12:23

Tgt Ion: 96 Resp: 2163003

Ion	Ratio	Lower	Upper
96	100		
61	121.2	82.3	152.9
68	0.0	0.0	0.0



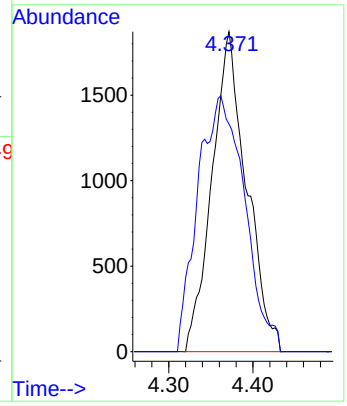


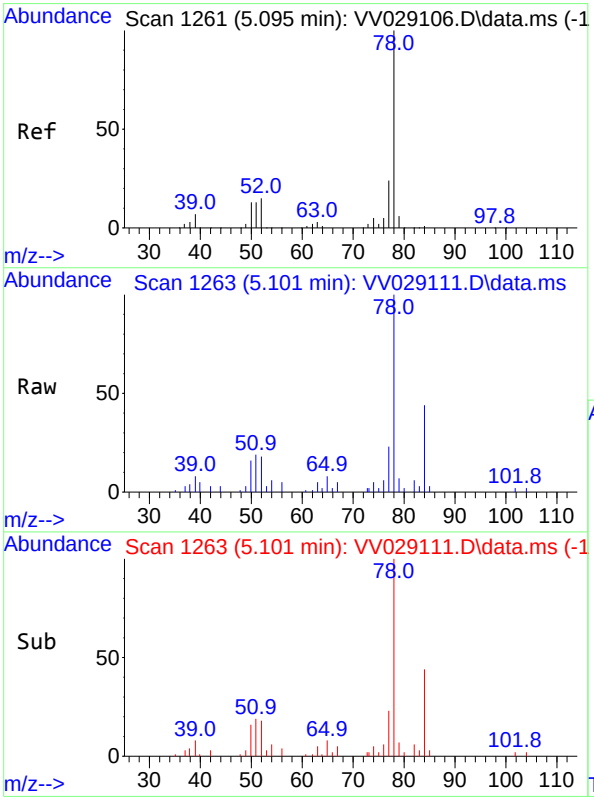
#25
Chloroform
Concen: 0.157 ug/L
RT: 4.371 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV029111.D
Acq: 18 Nov 2022 12:23

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 5322

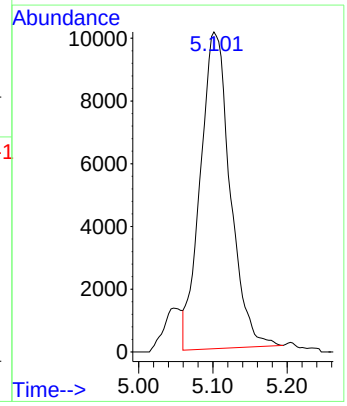
Ion	Ratio	Lower	Upper
83	100		
85	71.1	43.7	81.1

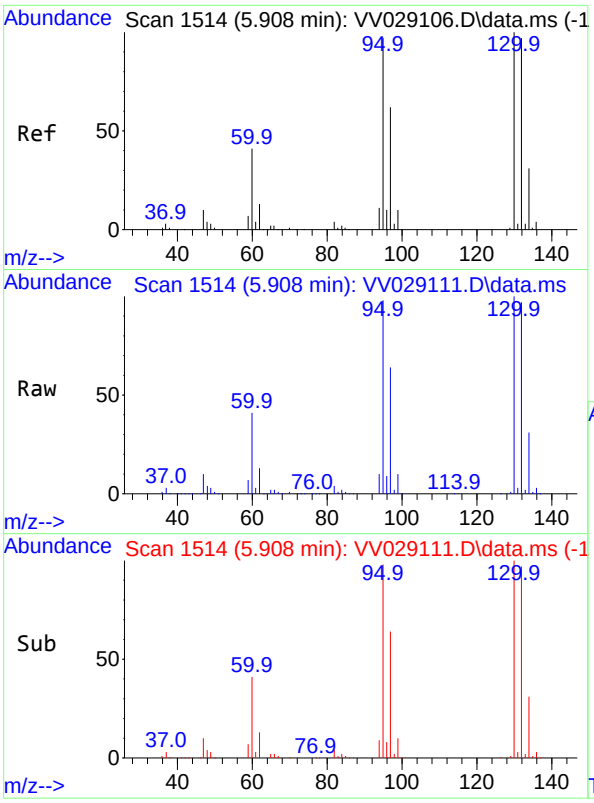




#33
Benzene
Concen: 0.360 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV029111.D
Acq: 18 Nov 2022 12:23

Tgt Ion: 78 Resp: 28227



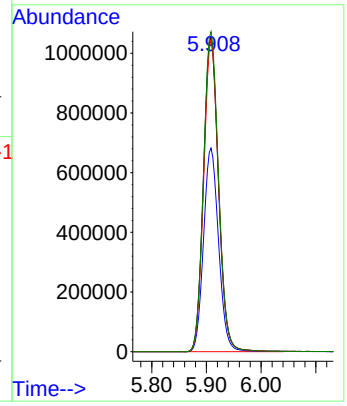


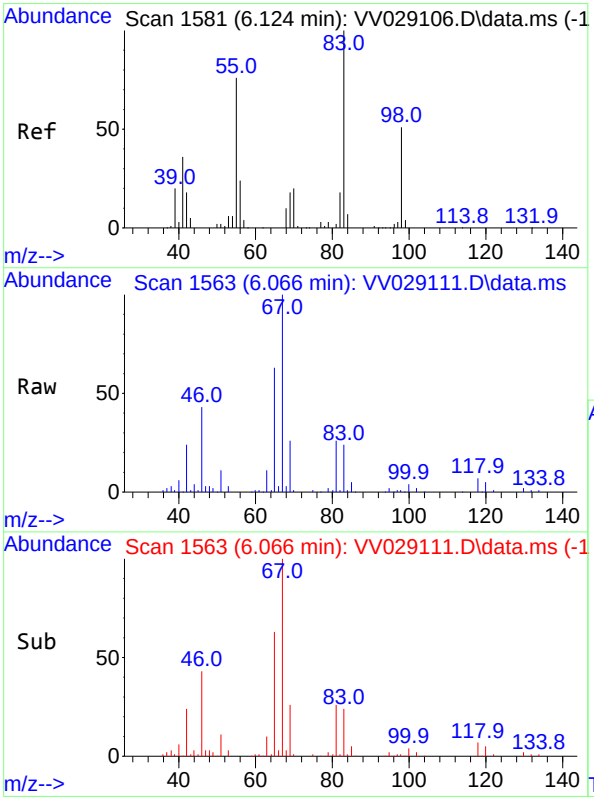
#34
Trichloroethene
Concen: 100.330 ug/L
RT: 5.908 min Scan# 1
Delta R.T. -0.006 min
Lab File: VV029111.D
Acq: 18 Nov 2022 12:23

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 2012530

Ion	Ratio	Lower	Upper
95	100		
97	64.7	45.6	84.8
132	99.1	69.1	128.3
130	101.7	74.9	139.1

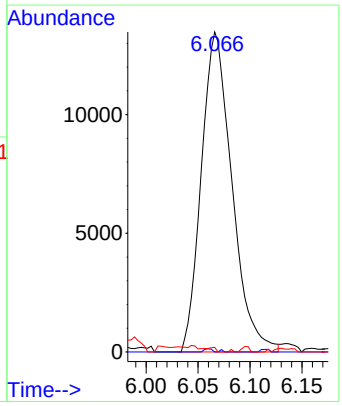


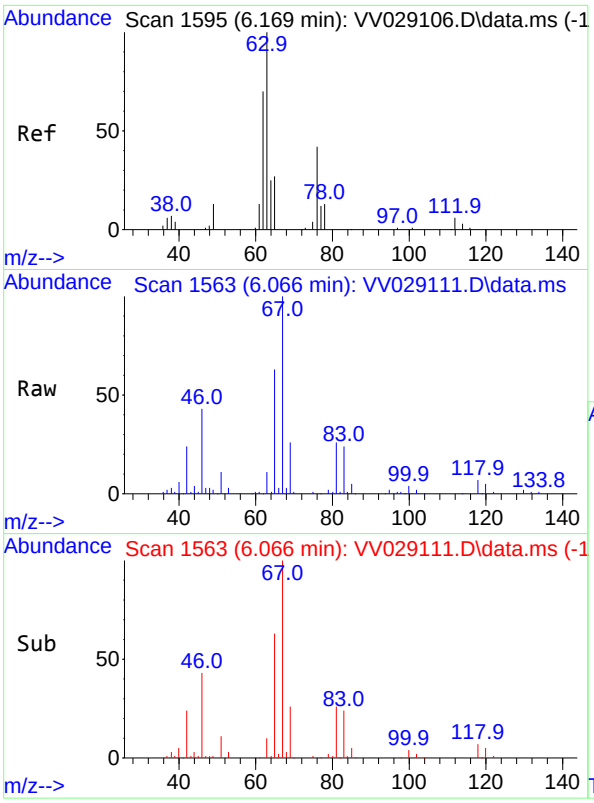


#35
Methylcyclohexane
Concen: 0.783 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.064 min
Lab File: VV029111.D
Acq: 18 Nov 2022 12:23

Tgt Ion: 83 Resp: 27620

Ion	Ratio	Lower	Upper
83	100		
55	0.1	55.8	83.6#
98	0.0	38.2	57.2#



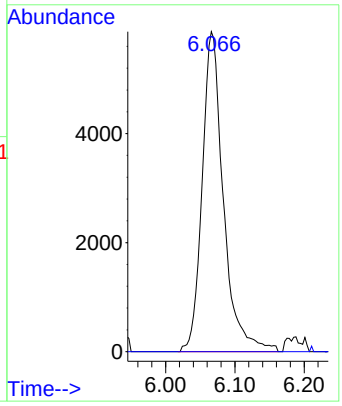


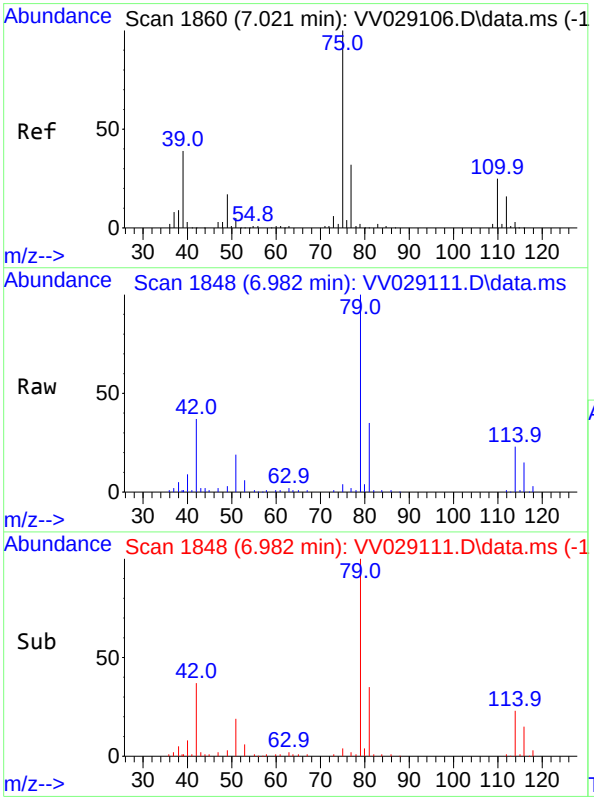
#37
1,2-Dichloropropane
Concen: 0.691 ug/L
RT: 6.066 min Scan# 1
Delta R.T. -0.106 min
Lab File: VV029111.D
Acq: 18 Nov 2022 12:23

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 12483

Ion	Ratio	Lower	Upper
63	100		
112	0.2	4.0	6.0#

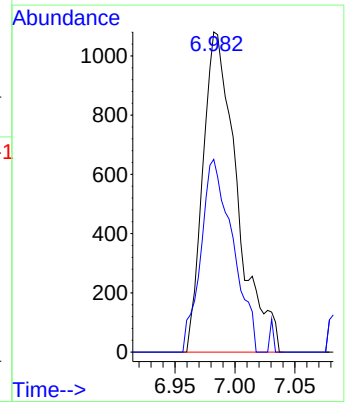


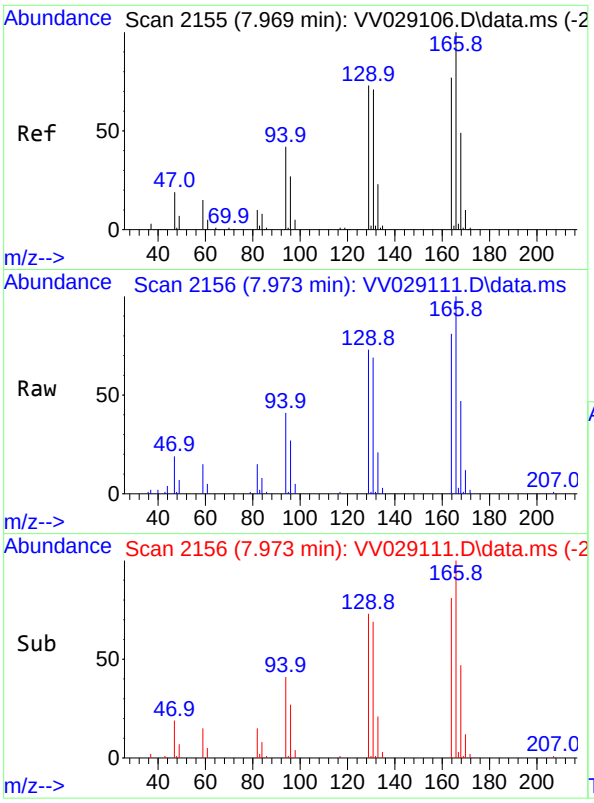


#39
cis-1,3-Dichloropropene
Concen: 0.085 ug/L
RT: 6.982 min Scan# 1848
Delta R.T. -0.045 min
Lab File: VV029111.D
Acq: 18 Nov 2022 12:23

Tgt Ion: 75 Resp: 2141

Ion	Ratio	Lower	Upper
75	100		
77	60.2	21.8	40.6#



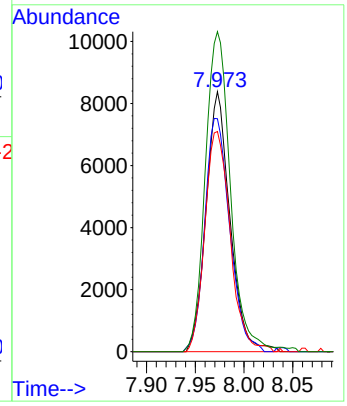


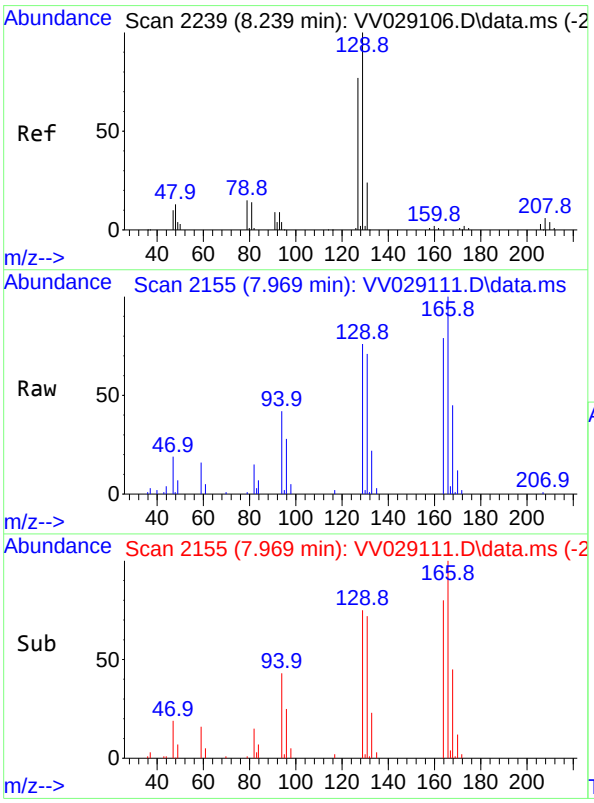
#47
Tetrachloroethene
Concen: 0.892 ug/L
RT: 7.973 min Scan# 2
Delta R.T. -0.000 min
Lab File: VV029111.D
Acq: 18 Nov 2022 12:23

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:164 Resp: 14330

Ion	Ratio	Lower	Upper
164	100		
129	89.6	63.9	118.7
131	84.7	61.8	114.8
166	123.1	90.2	167.4

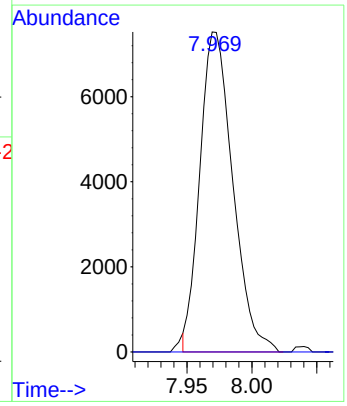


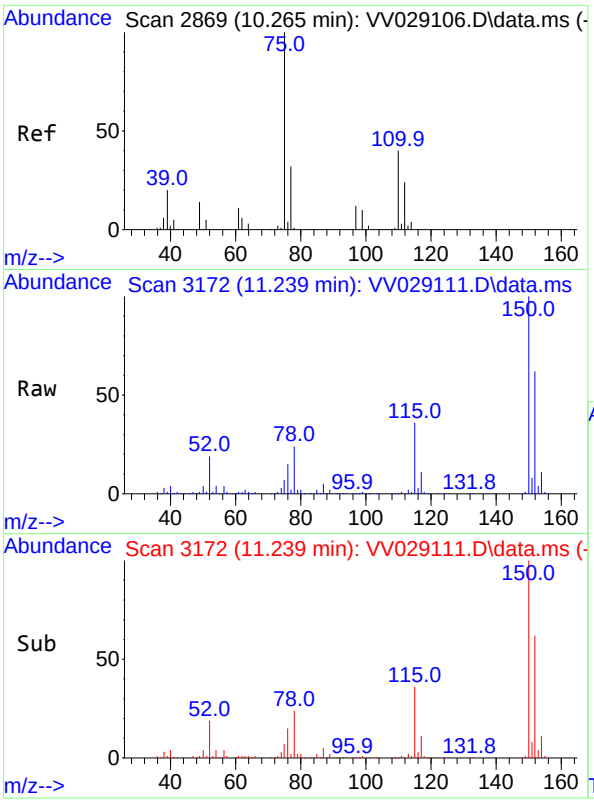


#49
Dibromochloromethane
Concen: 0.927 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. -0.270 min
Lab File: VV029111.D
Acq: 18 Nov 2022 12:23

Tgt Ion:129 Resp: 13252

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.5	101.1#





#61
1,2,3-Trichloropropane
Concen: 1.730 ug/L
RT: 11.239 min Scan# 3
Delta R.T. 0.971 min
Lab File: VV029111.D
Acq: 18 Nov 2022 12:23

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 13791

Ion	Ratio	Lower	Upper
75	100		
77	30.3	26.2	39.2
110	2.9	32.6	48.8#