Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101822\
Data File : VV028616.D
Acq On : 18 Oct 2022 15:32
Operator : SY/MD
Sample : N5173-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Oct 19 00:39:50 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Oct 19 00:35:12 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	167869	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	155254	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	69450	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	65647	4.544	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 90.800%			
7) Chloroethane-d5	1.561	69	63900	5.380	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 107.600%			
11) 1,1-Dichloroethene-d2	2.098	63	94674	3.618	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 72.400%			
20) 2-Butanone-d5	3.915	46	155230	49.980	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 99.960%			
24) Chloroform-d	4.342	84	115097	5.203	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.000%			
26) 1,2-Dichloroethane-d4	5.030	65	61430	5.328	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.600%			
32) Benzene-d6	5.043	84	231774	4.623	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.400%			
36) 1,2-Dichloropropane-d6	6.066	67	81330	5.027	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.600%			
41) Toluene-d8	7.313	98	188369	4.743	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.800%			
43) trans-1,3-Dichloroprop...	7.622	79	22593	4.134	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 82.600%			
46) 2-Hexanone-d5	8.088	63	120042	50.891	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.780%			
56) 1,1,2,2-Tetrachloroeth...	10.210	84	51929	5.390	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 107.800%			
66) 1,2-Dichlorobenzene-d4	11.615	152	63645	5.554	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 111.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	6842	0.722	ug/L	99
3) Chloromethane	1.236	50	11678	0.736	ug/L	100
6) Bromomethane	1.523	94	381	0.055	ug/L	87
8) Chloroethane	1.580	64	989	0.099	ug/L	88
9) Trichlorofluoromethane	1.744	101	3788	0.201	ug/L	92
12) 1,1-Dichloroethene	2.101	96	1622	0.155	ug/L #	1
17) Methyl tert-butyl Ether	2.770	73	24638	0.929	ug/L	96
18) trans-1,2-Dichloroethene	2.760	96	747	0.069	ug/L #	63
22) cis-1,2-Dichloroethene	3.912	96	15360	1.248	ug/L #	88
25) Chloroform	4.365	83	8735	0.376	ug/L	97
34) Trichloroethene	5.908	95	404571	30.878	ug/L	99
35) Methylcyclohexane	6.066	83	18087	0.829	ug/L #	18
47) Tetrachloroethene	7.969	164	86033	10.088	ug/L	100
49) Dibromochloromethane	7.969	129	83631	10.103	ug/L #	11
61) 1,2,3-Trichloropropane	11.242	75	10238	1.650	ug/L #	65

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

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Quant Title : TRACE VOA SFAM1.0
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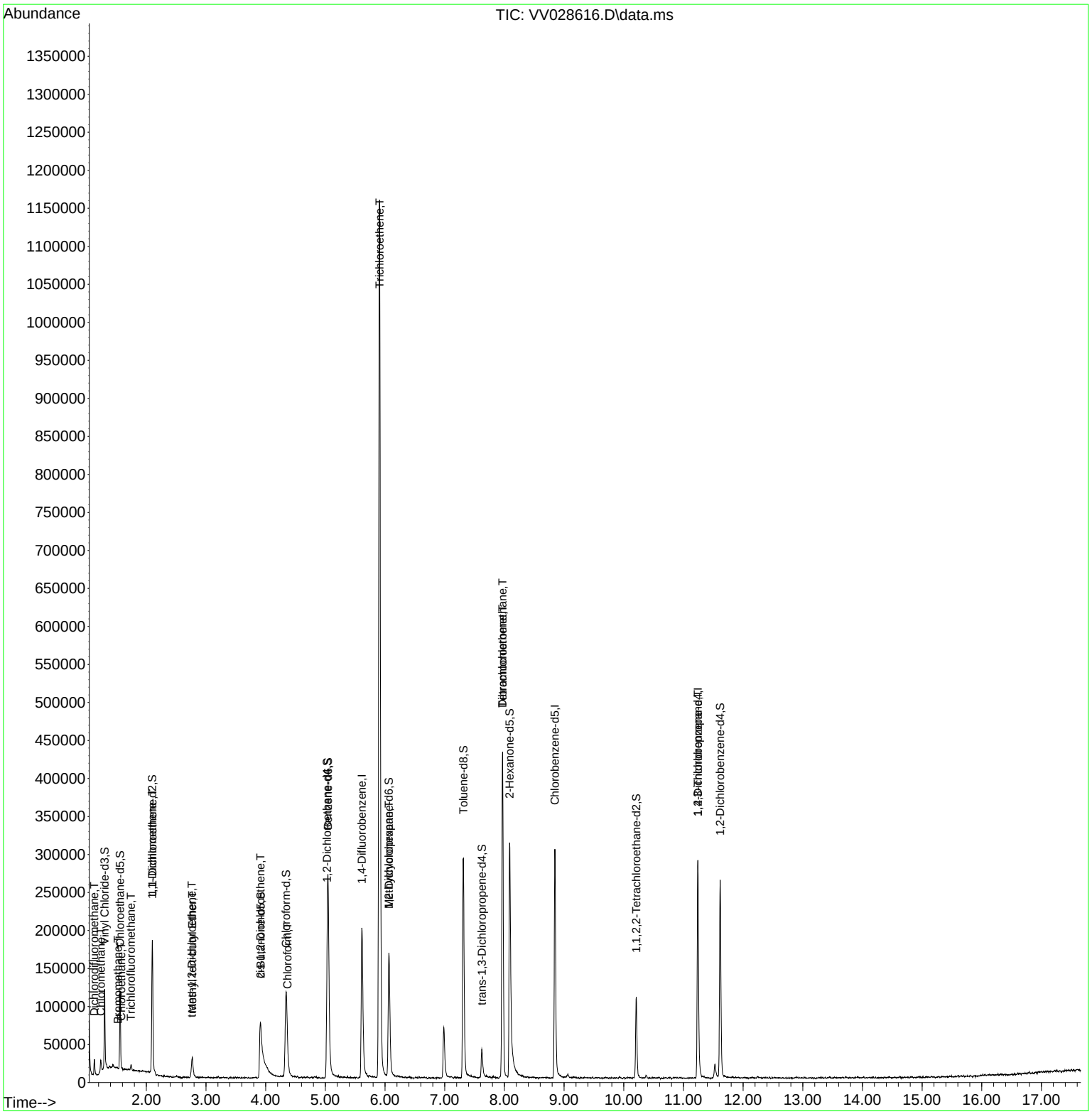
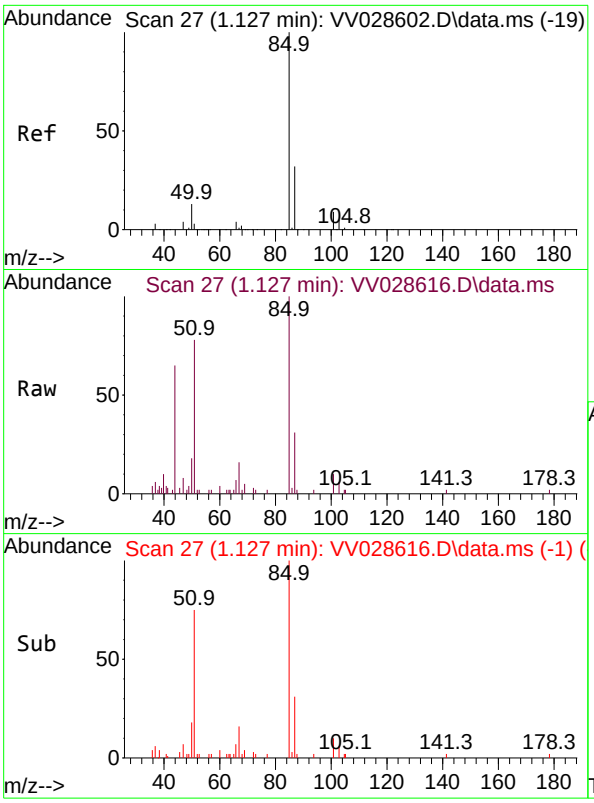


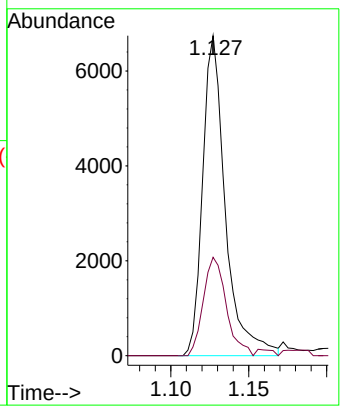


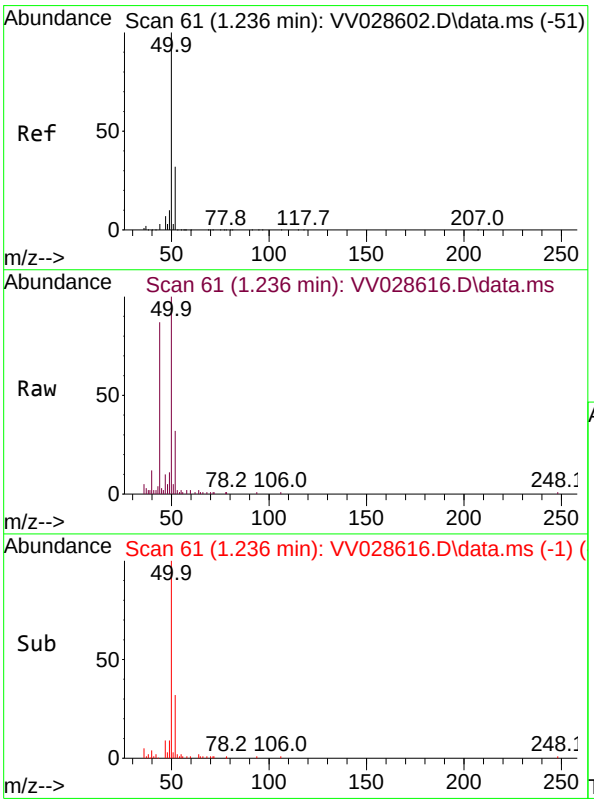
#2
Dichlorodifluoromethane
Concen: 0.722 ug/L
RT: 1.127 min Scan# 2
Delta R.T. -0.000 min
Lab File: VV028616.D
Acq: 18 Oct 2022 15:32

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 85 Resp: 6842

Ion	Ratio	Lower	Upper
85	100		
87	31.0	25.4	38.2

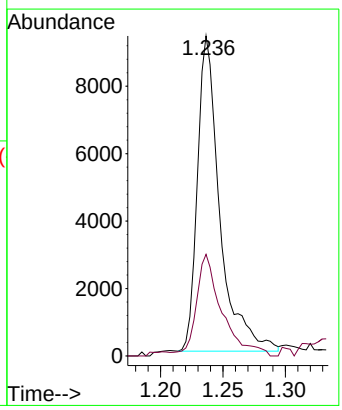


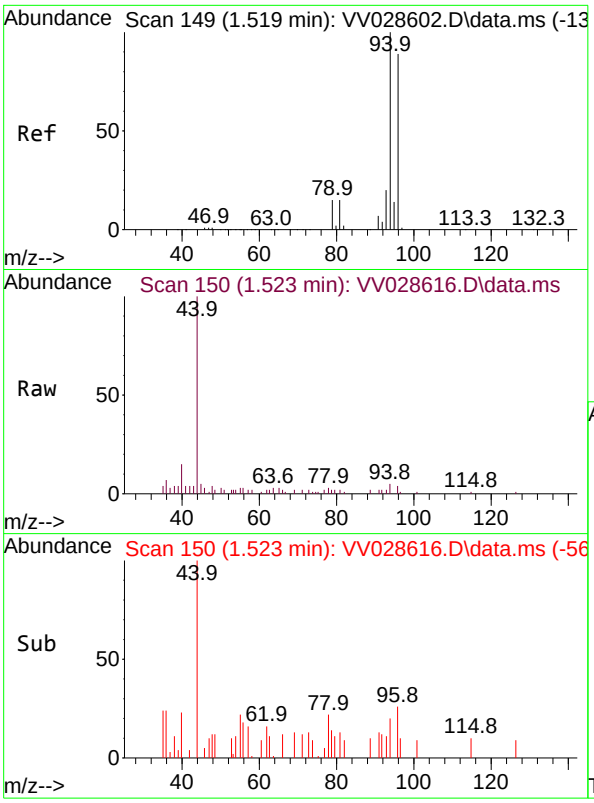


#3
Chloromethane
Concen: 0.736 ug/L
RT: 1.236 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV028616.D
Acq: 18 Oct 2022 15:32

Tgt Ion: 50 Resp: 11678

Ion	Ratio	Lower	Upper
50	100		
52	31.8	22.0	41.0



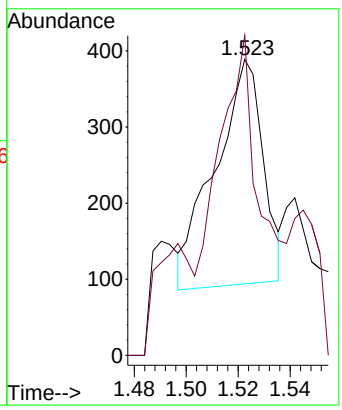


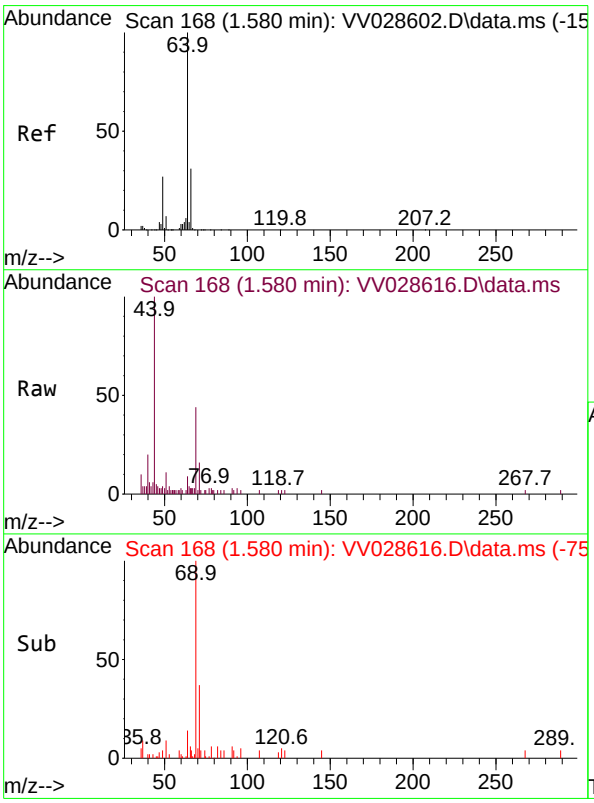
#6
Bromomethane
Concen: 0.055 ug/L
RT: 1.523 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV028616.D
Acq: 18 Oct 2022 15:32

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 94 Resp: 381

Ion	Ratio	Lower	Upper
94	100		
96	108.0	67.0	124.4

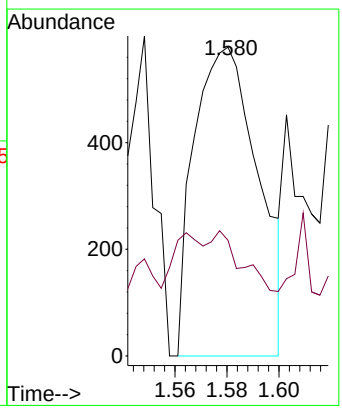


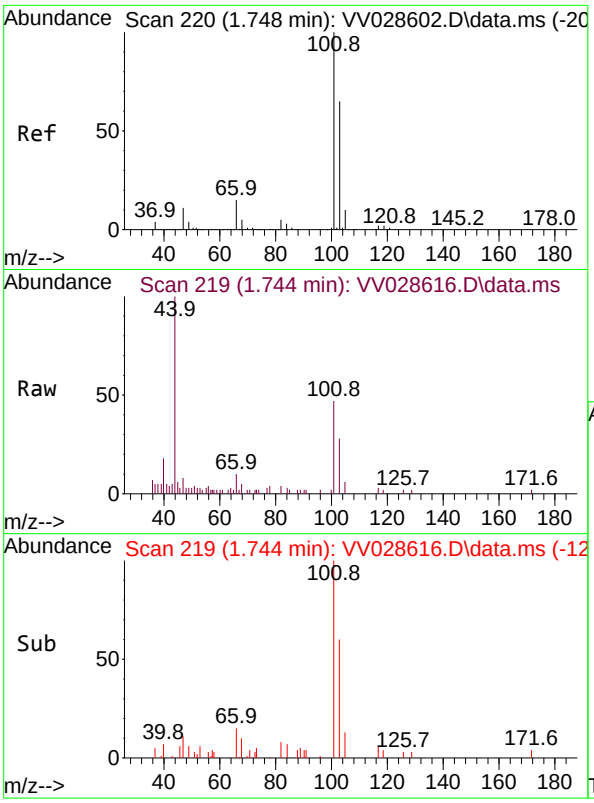


#8
Chloroethane
Concen: 0.099 ug/L
RT: 1.580 min Scan# 168
Delta R.T. -0.000 min
Lab File: VV028616.D
Acq: 18 Oct 2022 15:32

Tgt Ion: 64 Resp: 989

Ion	Ratio	Lower	Upper
64	100		
66	26.4	23.0	42.8



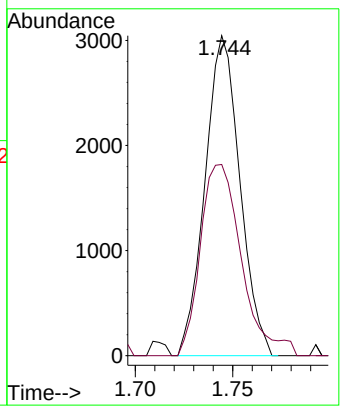


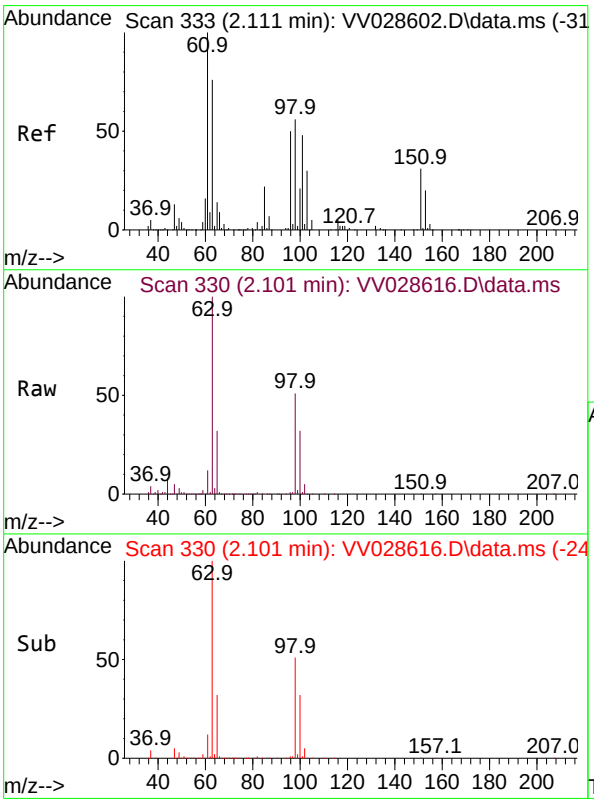
#9
Trichlorofluoromethane
Concen: 0.201 ug/L
RT: 1.744 min Scan# 2
Delta R.T. -0.003 min
Lab File: VV028616.D
Acq: 18 Oct 2022 15:32

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:101 Resp: 3788

Ion	Ratio	Lower	Upper
101	100		
103	70.6	51.6	77.4

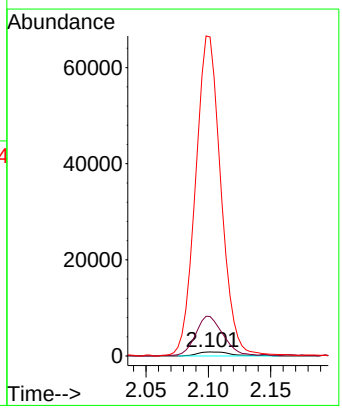


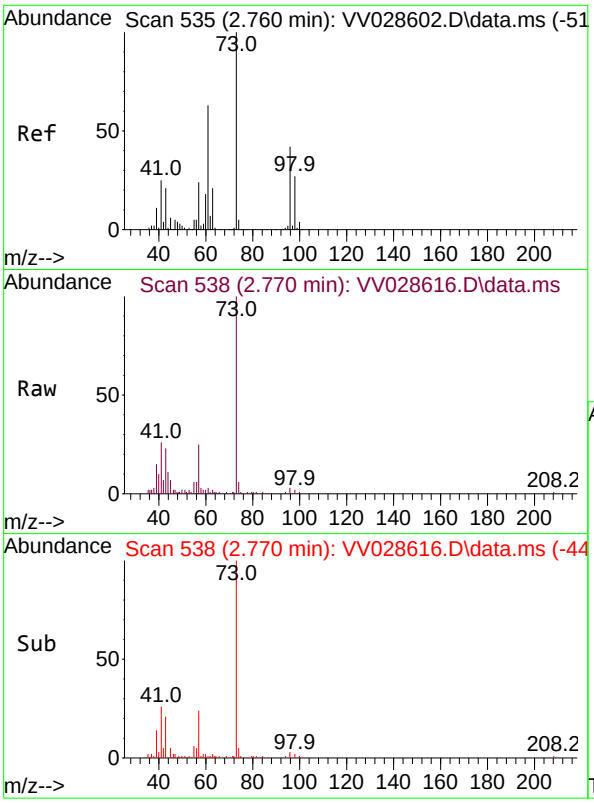


#12
1,1-Dichloroethene
Concen: 0.155 ug/L
RT: 2.101 min Scan# 330
Delta R.T. -0.010 min
Lab File: VV028616.D
Acq: 18 Oct 2022 15:32

Tgt Ion: 96 Resp: 1622

Ion	Ratio	Lower	Upper
96	100		
61	998.4	142.9	265.5#
63	8074.9	102.3	190.1#



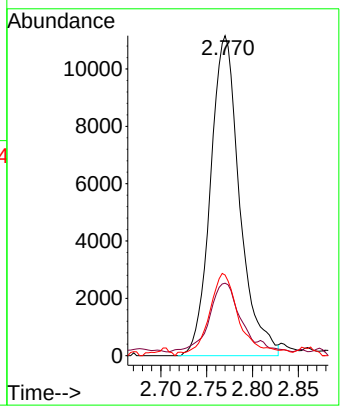


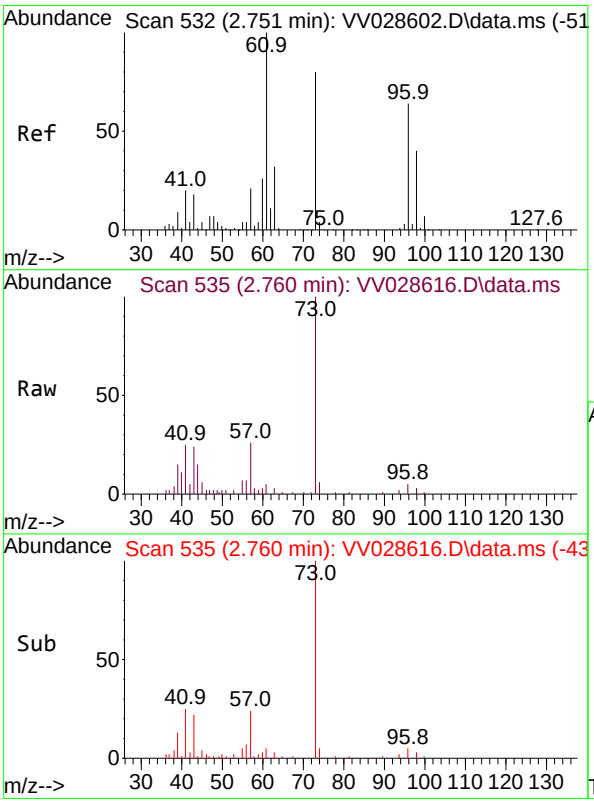
#17
Methyl tert-butyl Ether
Concen: 0.929 ug/L
RT: 2.770 min Scan# 5
Delta R.T. 0.010 min
Lab File: VV028616.D
Acq: 18 Oct 2022 15:32

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 73 Resp: 24638

Ion	Ratio	Lower	Upper
73	100		
43	23.5	18.2	27.2
57	27.0	19.5	29.3

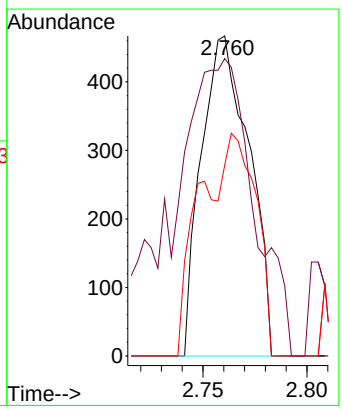


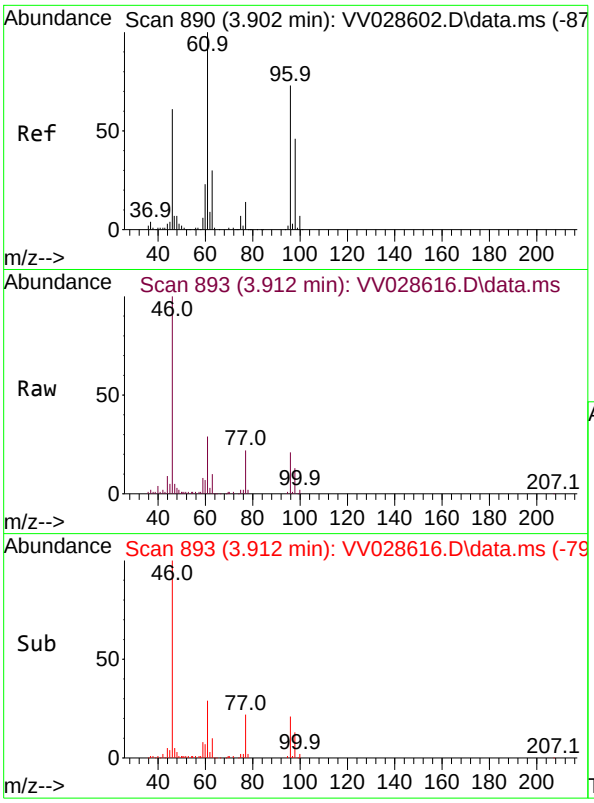


#18
trans-1,2-Dichloroethene
Concen: 0.069 ug/L
RT: 2.760 min Scan# 535
Delta R.T. 0.010 min
Lab File: VV028616.D
Acq: 18 Oct 2022 15:32

Tgt Ion: 96 Resp: 747

Ion	Ratio	Lower	Upper
96	100		
61	92.9	111.2	206.6#
98	59.7	42.9	79.7



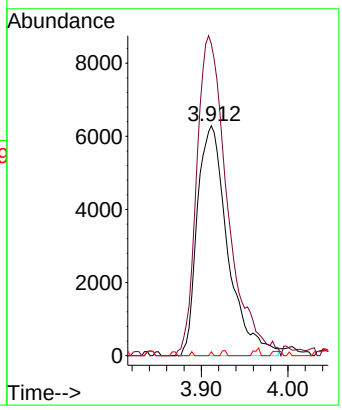


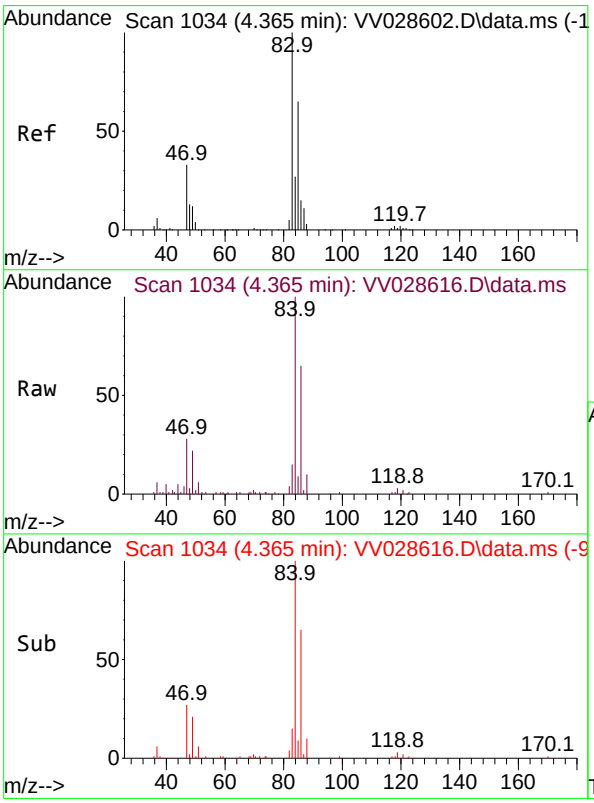
#22
cis-1,2-Dichloroethene
Concen: 1.248 ug/L
RT: 3.912 min Scan# 8
Delta R.T. 0.010 min
Lab File: VV028616.D
Acq: 18 Oct 2022 15:32

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 15360

Ion	Ratio	Lower	Upper
96	100		
61	135.5	105.1	195.3
68	1.7	0.5	0.9#

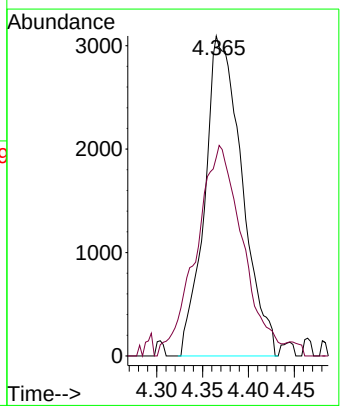


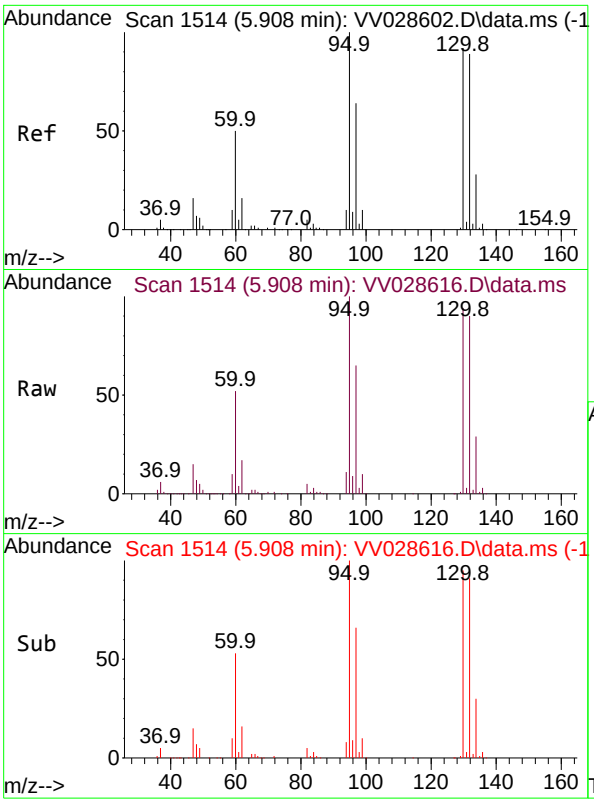


#25
Chloroform
Concen: 0.376 ug/L
RT: 4.365 min Scan# 1034
Delta R.T. -0.000 min
Lab File: VV028616.D
Acq: 18 Oct 2022 15:32

Tgt Ion: 83 Resp: 8735

Ion	Ratio	Lower	Upper
83	100		
85	62.1	45.1	83.9



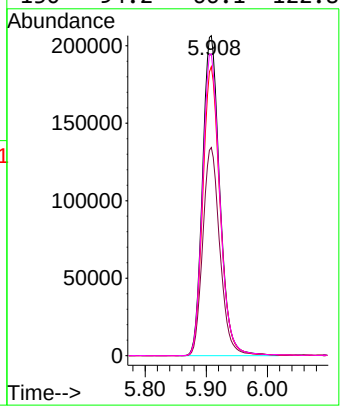


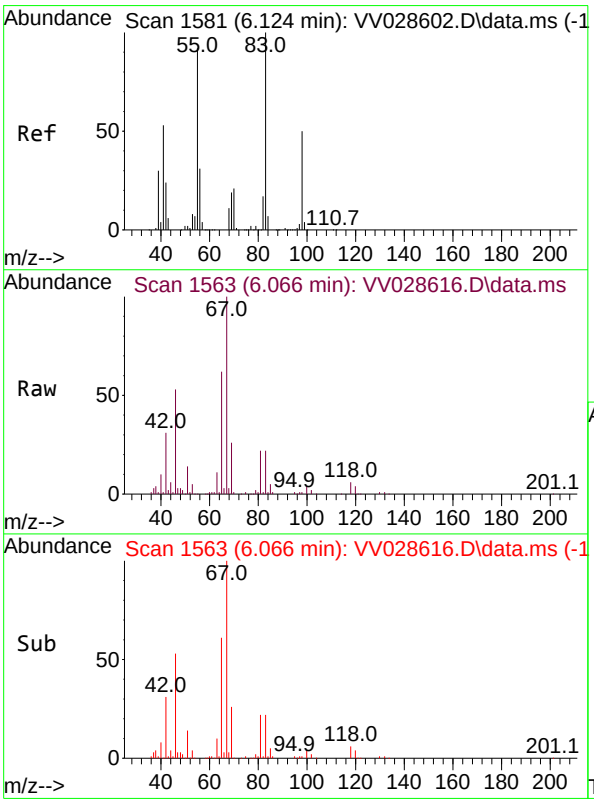
#34
Trichloroethene
Concen: 30.878 ug/L
RT: 5.908 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV028616.D
Acq: 18 Oct 2022 15:32

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 404571

Ion	Ratio	Lower	Upper
95	100		
97	65.0	46.2	85.8
132	90.3	65.1	120.9
130	94.2	66.1	122.8

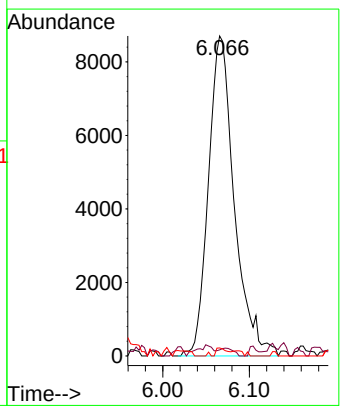


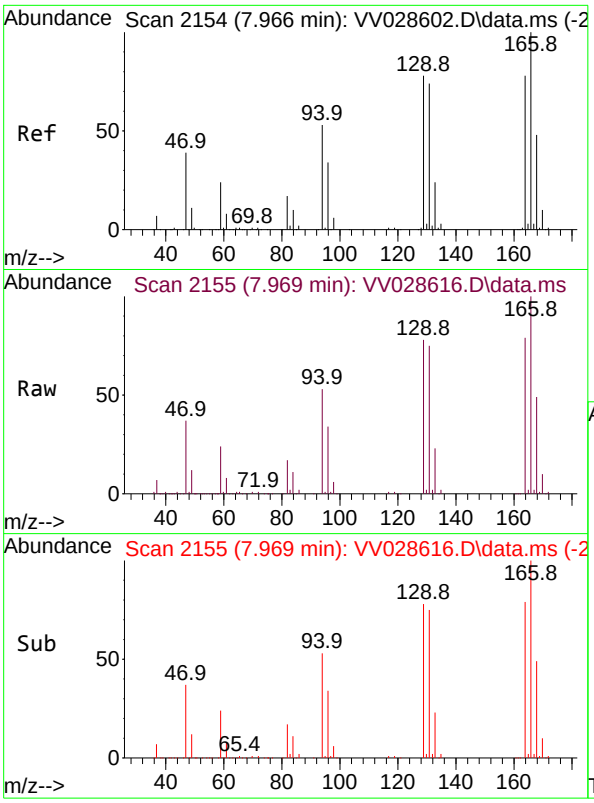


#35
Methylcyclohexane
Concen: 0.829 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.058 min
Lab File: VV028616.D
Acq: 18 Oct 2022 15:32

Tgt Ion: 83 Resp: 18087

Ion	Ratio	Lower	Upper
83	100		
55	1.3	65.0	97.6#
98	0.0	36.4	54.6#



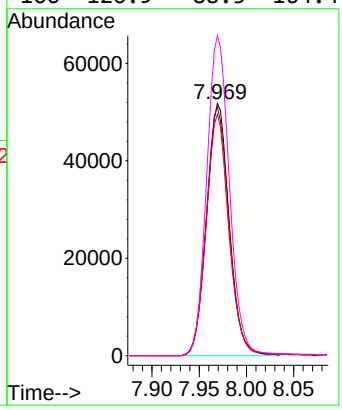


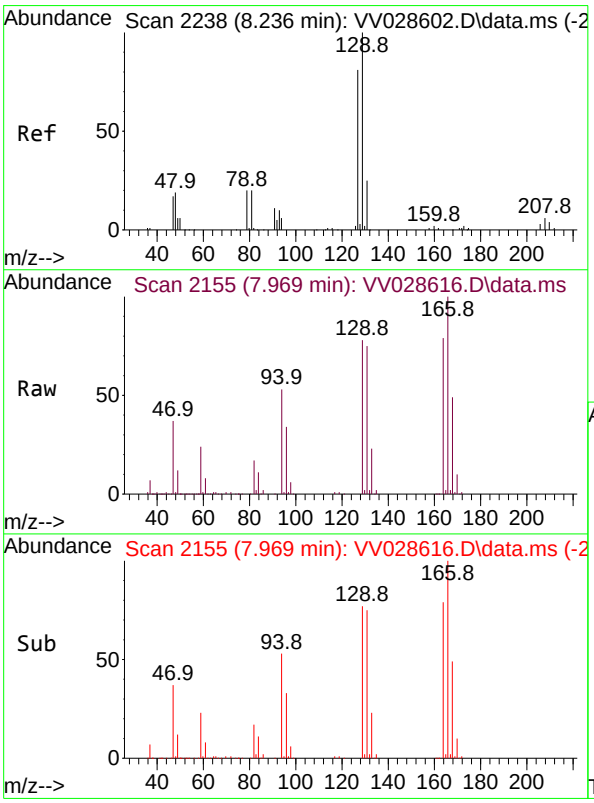
#47
Tetrachloroethene
Concen: 10.088 ug/L
RT: 7.969 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV028616.D
Acq: 18 Oct 2022 15:32

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:164 Resp: 86033

Ion	Ratio	Lower	Upper
164	100		
129	98.5	69.3	128.7
131	95.7	67.3	125.1
166	126.9	88.5	164.4

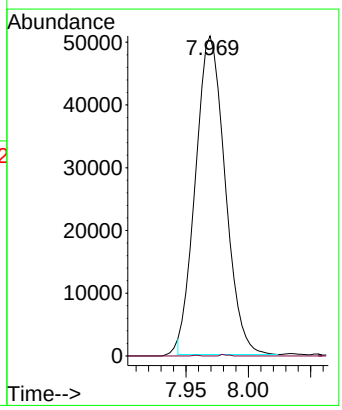


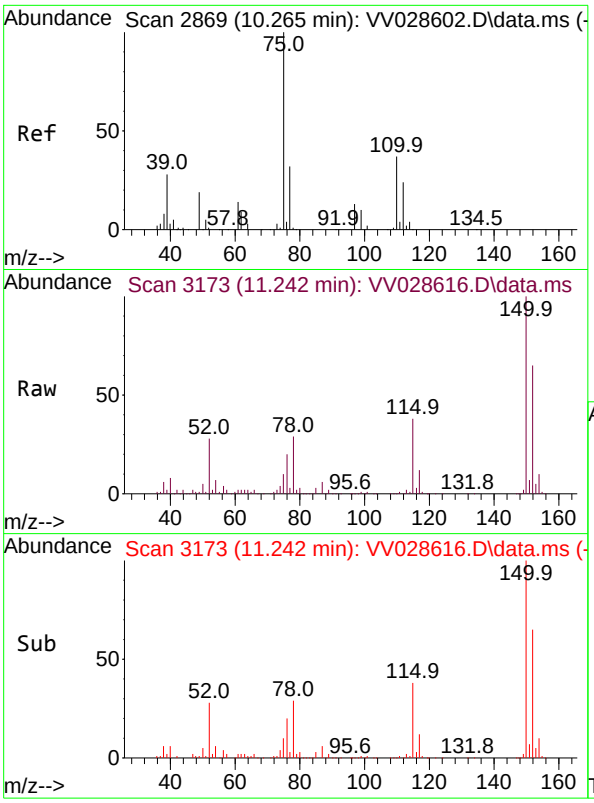


#49
Dibromochloromethane
Concen: 10.103 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. -0.267 min
Lab File: VV028616.D
Acq: 18 Oct 2022 15:32

Tgt Ion:129 Resp: 83631

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.8	100.0#





#61
1,2,3-Trichloropropane
Concen: 1.650 ug/L
RT: 11.242 min Scan# 3
Delta R.T. 0.977 min
Lab File: VV028616.D
Acq: 18 Oct 2022 15:32

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 10238

Ion	Ratio	Lower	Upper
75	100		
77	36.5	24.6	37.0
110	2.9	28.3	42.5#