Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083122\
Data File : VV027617.D
Acq On : 31 Aug 2022 13:19
Operator : SY/MD
Sample : N4366-11DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Sep 01 02:35:38 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Sep 01 02:33:10 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	138703	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	137874	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	56343	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	43585	4.415	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 88.400%			
7) Chloroethane-d5	1.568	69	37870	5.242	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 104.800%			
11) 1,1-Dichloroethene-d2	2.105	63	65436	2.843	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 56.800%#			
20) 2-Butanone-d5	3.892	46	55284	45.001	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 90.000%			
24) Chloroform-d	4.346	84	97906	4.960	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.200%			
26) 1,2-Dichloroethane-d4	5.034	65	46893	5.492	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 109.800%			
32) Benzene-d6	5.050	84	166355	4.356	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.200%			
36) 1,2-Dichloropropane-d6	6.069	67	57157	5.148	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 103.000%			
41) Toluene-d8	7.317	98	125906	3.651	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 73.000%			
43) trans-1,3-Dichloroprop...	7.628	79	16867	4.437	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 88.800%			
46) 2-Hexanone-d5	8.091	63	66551	53.181	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 106.360%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	37267	5.271	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 105.400%			
66) 1,2-Dichlorobenzene-d4	11.622	152	43469	5.204	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 104.000%			
Target Compounds						Qvalue
3) Chloromethane	1.240	50	719	0.056	ug/L	97
5) Vinyl chloride	1.310	62	544	0.042	ug/L #	1
6) Bromomethane	1.519	94	497	0.078	ug/L	82
12) 1,1-Dichloroethene	2.114	96	847	0.081	ug/L #	1
16) Methylene chloride	2.507	84	4914	0.311	ug/L	94
17) Methyl tert-butyl Ether	2.773	73	2471	0.114	ug/L #	83
18) trans-1,2-Dichloroethene	2.761	96	10838	1.002	ug/L	94
22) cis-1,2-Dichloroethene	3.912	96	16108	1.398	ug/L	99
34) Trichloroethene	5.915	95	55191	4.575	ug/L	98
35) Methylcyclohexane	6.069	83	13733	0.809	ug/L #	15
39) cis-1,3-Dichloropropene	6.992	75	1371	0.093	ug/L #	67
45) 1,1,2-Trichloroethane	7.969	97	496	0.063	ug/L #	1
47) Tetrachloroethene	7.973	164	54883	5.840	ug/L	97
49) Dibromochloromethane	7.973	129	51564	5.366	ug/L #	10
61) 1,2,3-Trichloropropane	11.249	75	6810	1.378	ug/L #	63

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

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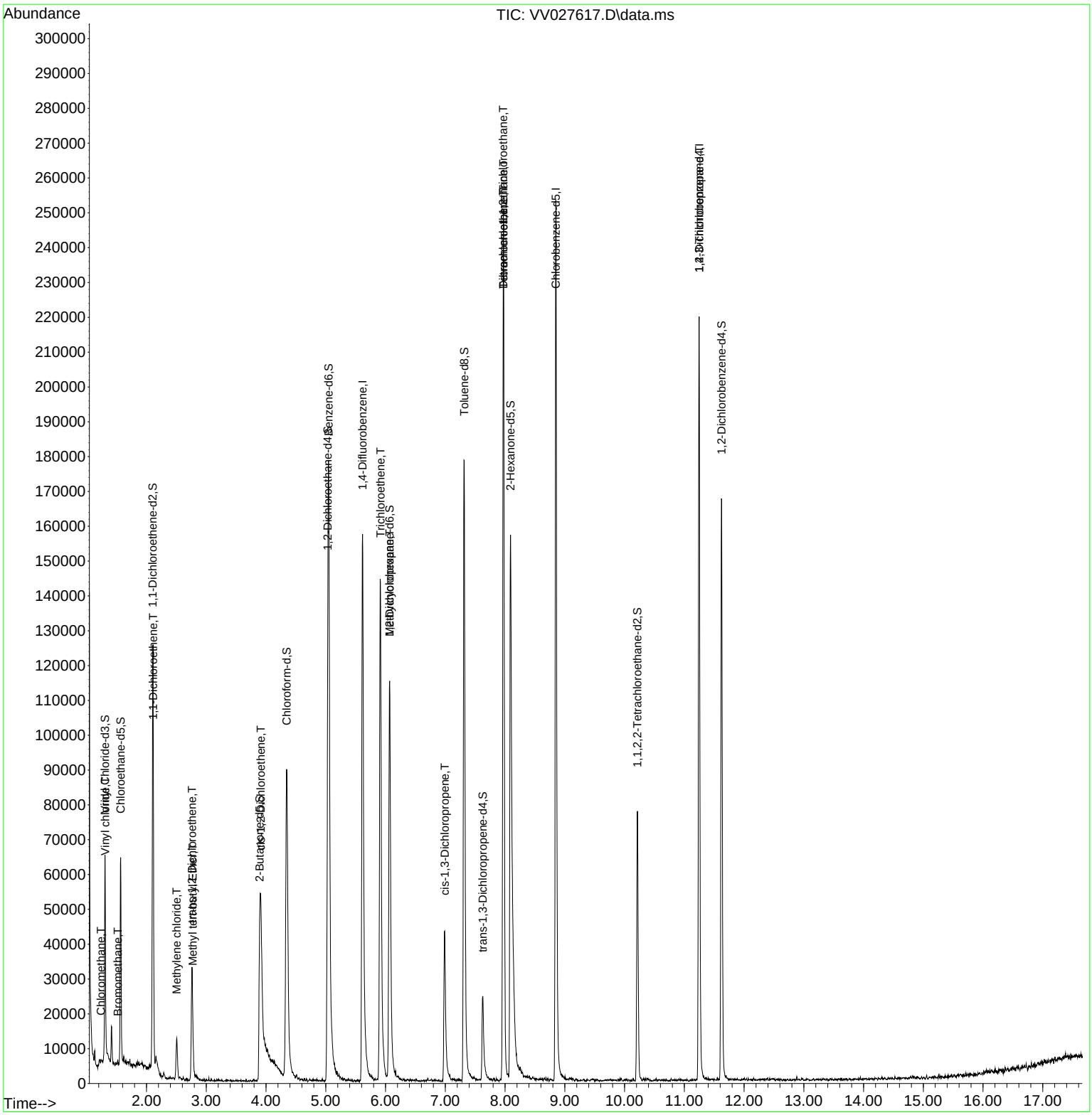
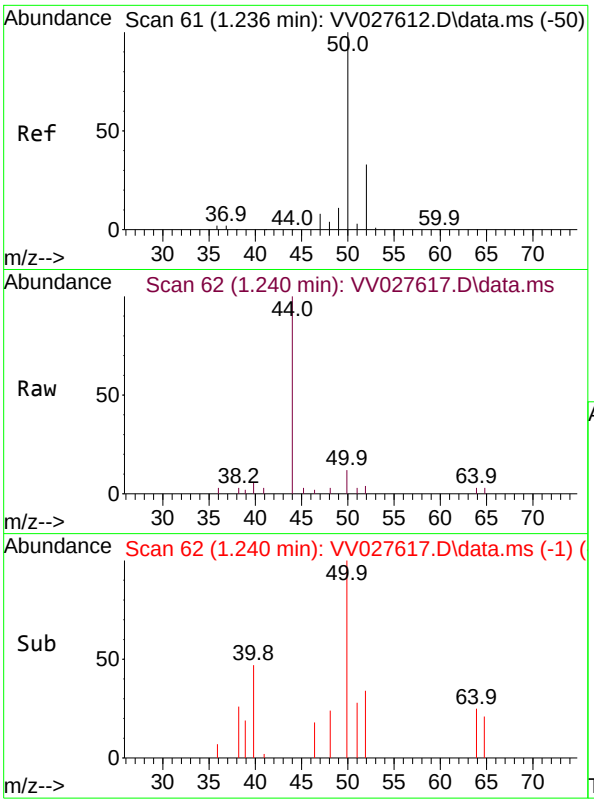
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Sep 01 02:33:10 2022
Response via : Initial Calibration



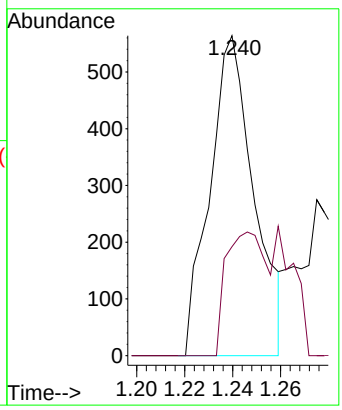


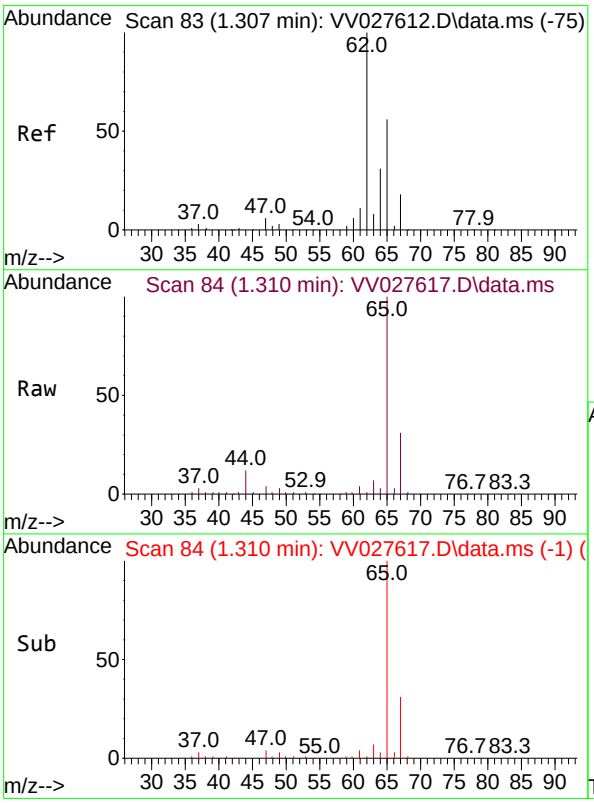
#3
Chloromethane
Concen: 0.056 ug/L
RT: 1.240 min Scan# 6
Delta R.T. 0.003 min
Lab File: VV027617.D
Acq: 31 Aug 2022 13:19

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 50 Resp: 719

Ion	Ratio	Lower	Upper
50	100		
52	34.0	22.8	42.4

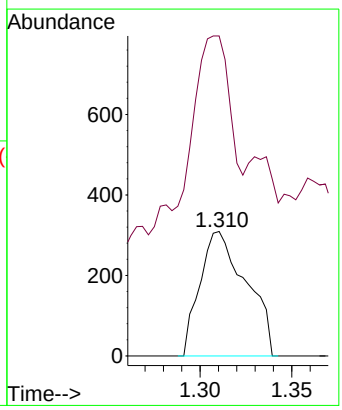


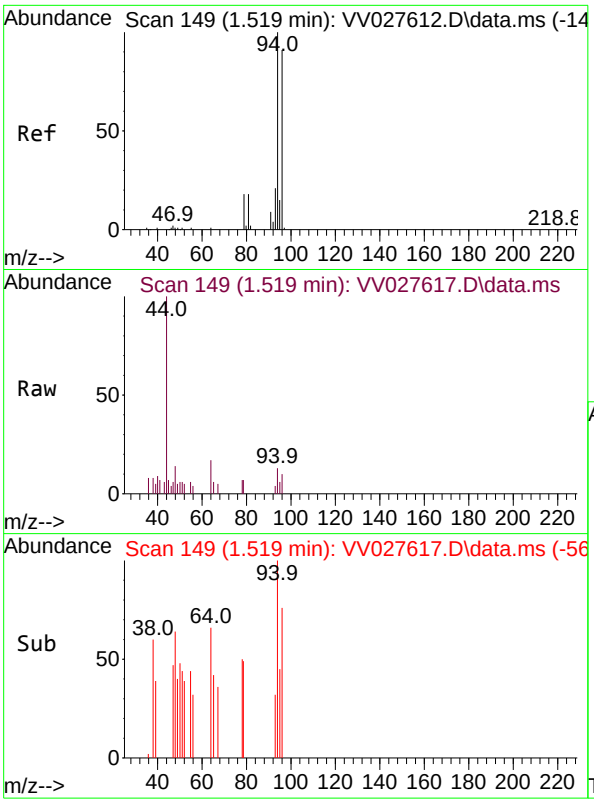


#5
Vinyl chloride
Concen: 0.042 ug/L
RT: 1.310 min Scan# 84
Delta R.T. 0.003 min
Lab File: VV027617.D
Acq: 31 Aug 2022 13:19

Tgt Ion: 62 Resp: 544

Ion	Ratio	Lower	Upper
62	100		
64	257.3	22.6	42.0#



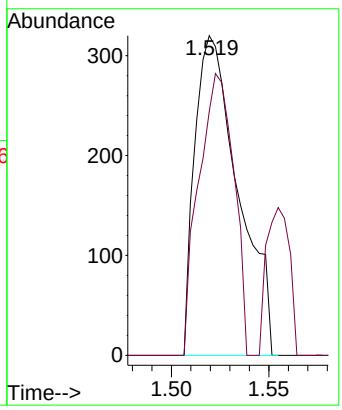


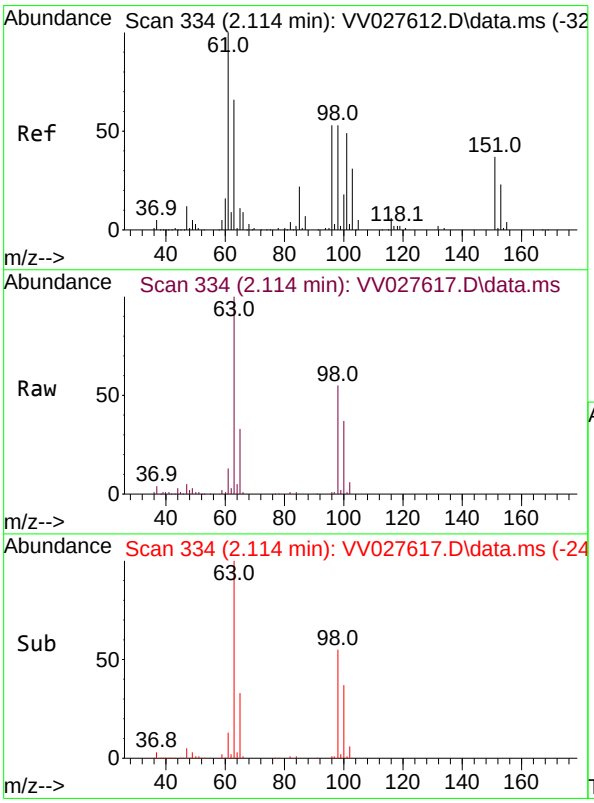
#6
Bromomethane
Concen: 0.078 ug/L
RT: 1.519 min Scan# 14
Delta R.T. -0.000 min
Lab File: VV027617.D
Acq: 31 Aug 2022 13:19

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 94 Resp: 497

Ion	Ratio	Lower	Upper
94	100		
96	76.3	65.2	121.0

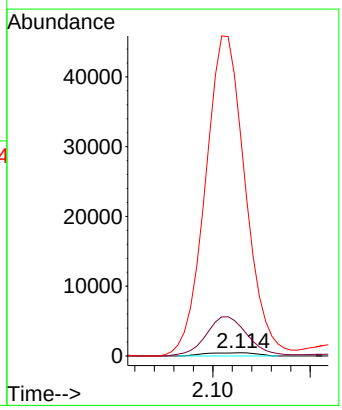


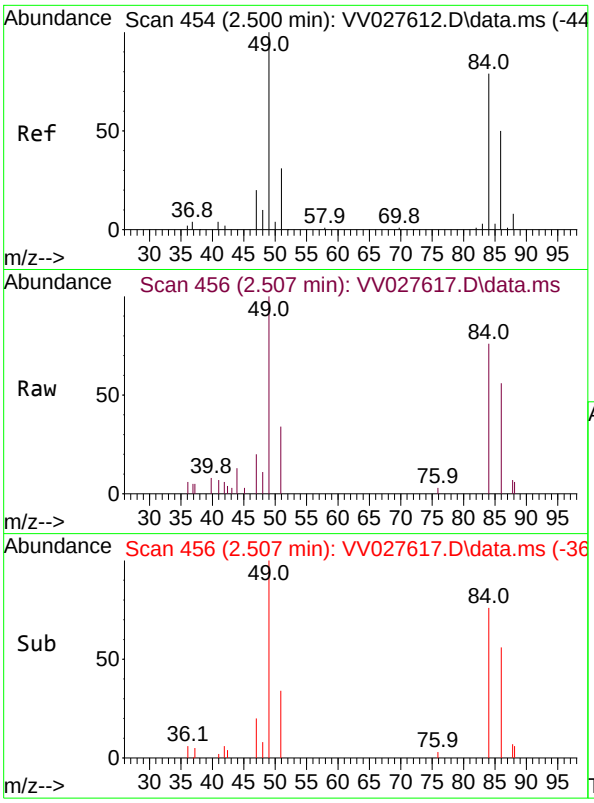


#12
1,1-Dichloroethene
Concen: 0.081 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.000 min
Lab File: VV027617.D
Acq: 31 Aug 2022 13:19

Tgt Ion: 96 Resp: 847

Ion	Ratio	Lower	Upper
96	100		
61	894.5	130.2	241.8#
63	6749.7	87.4	162.4#



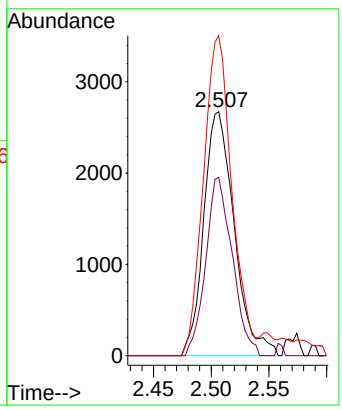


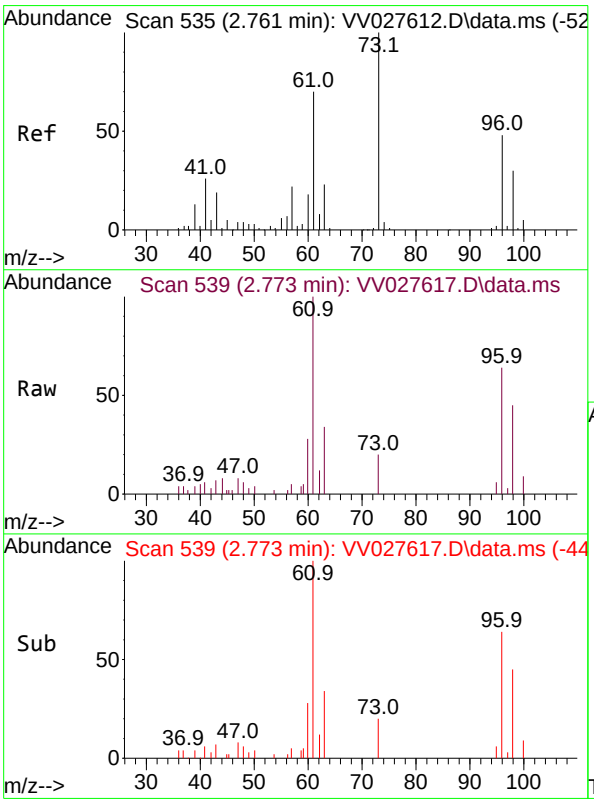
#16
Methylene chloride
Concen: 0.311 ug/L
RT: 2.507 min Scan# 4
Delta R.T. 0.006 min
Lab File: VV027617.D
Acq: 31 Aug 2022 13:19

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 84 Resp: 4914

Ion	Ratio	Lower	Upper
84	100		
86	73.1	44.0	81.6
49	131.2	89.4	166.0

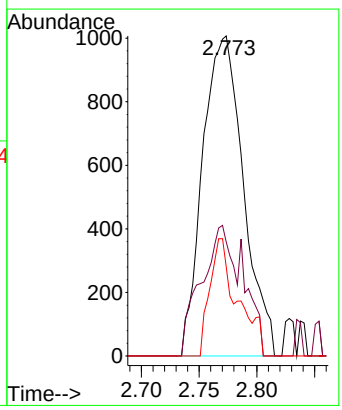


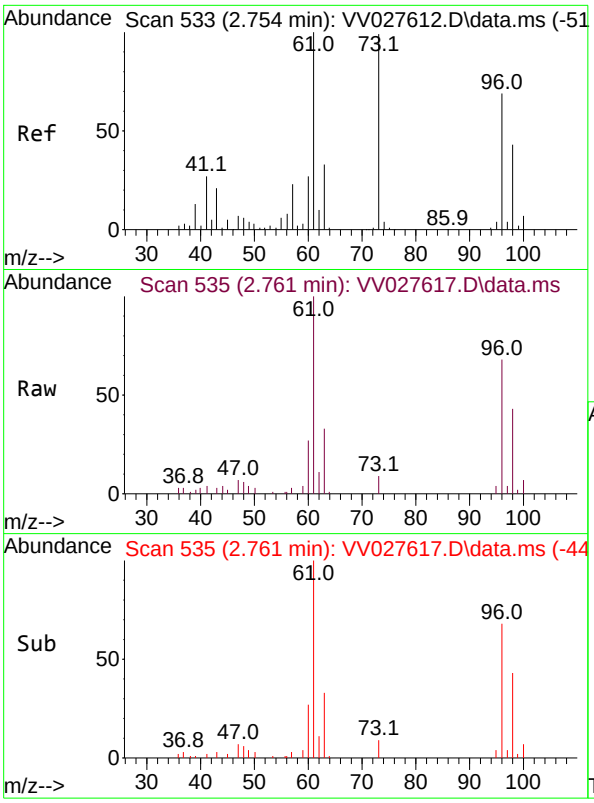


#17
Methyl tert-butyl Ether
Concen: 0.114 ug/L
RT: 2.773 min Scan# 539
Delta R.T. 0.013 min
Lab File: VV027617.D
Acq: 31 Aug 2022 13:19

Tgt Ion: 73 Resp: 2471

Ion	Ratio	Lower	Upper
73	100		
43	31.7	15.6	23.4#
57	24.9	17.0	25.6



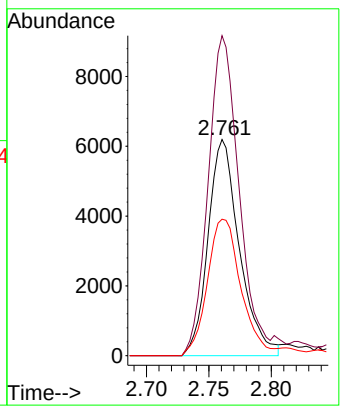


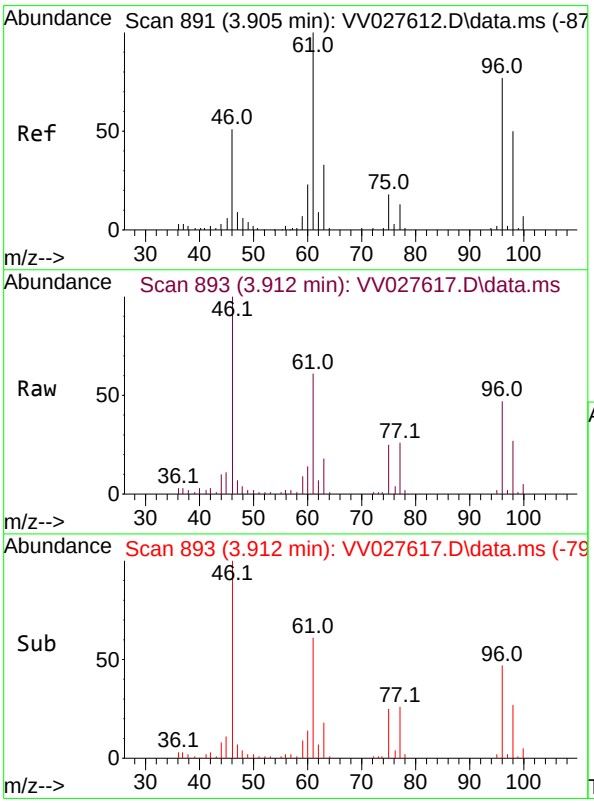
#18
trans-1,2-Dichloroethene
Concen: 1.002 ug/L
RT: 2.761 min Scan# 5
Delta R.T. 0.006 min
Lab File: VV027617.D
Acq: 31 Aug 2022 13:19

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 10838

Ion	Ratio	Lower	Upper
96	100		
61	148.1	97.6	181.4
98	63.2	45.9	85.3

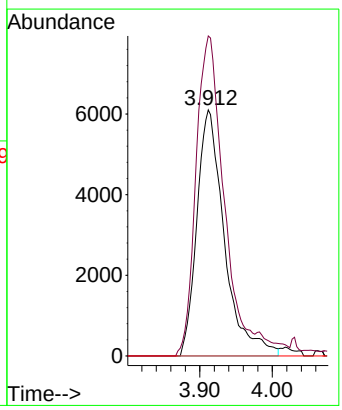


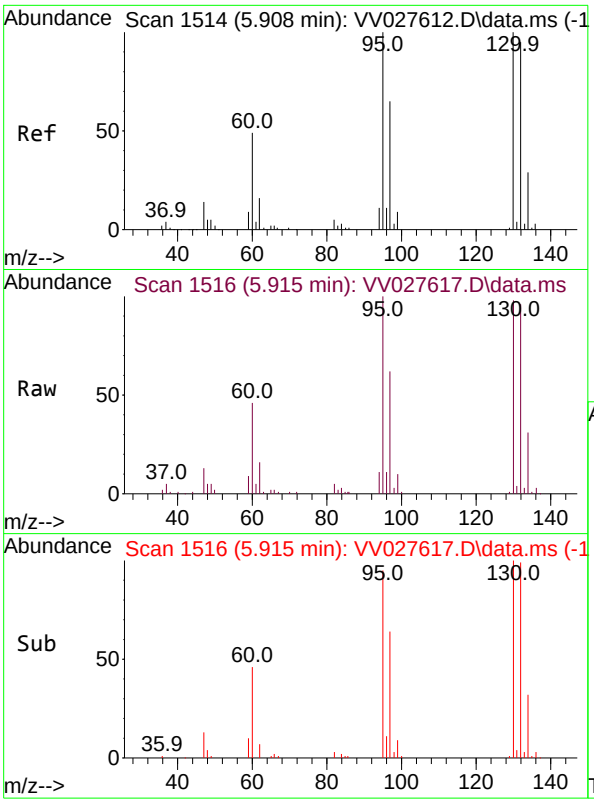


#22
cis-1,2-Dichloroethene
Concen: 1.398 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.006 min
Lab File: VV027617.D
Acq: 31 Aug 2022 13:19

Tgt Ion: 96 Resp: 16108

Ion	Ratio	Lower	Upper
96	100		
61	130.1	90.6	168.2
68	0.0	0.0	0.0



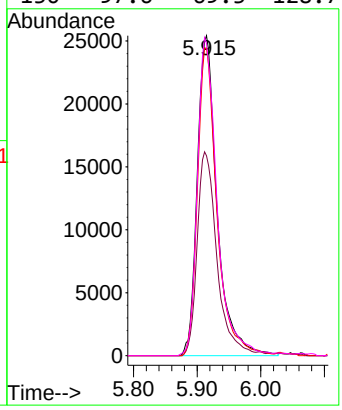


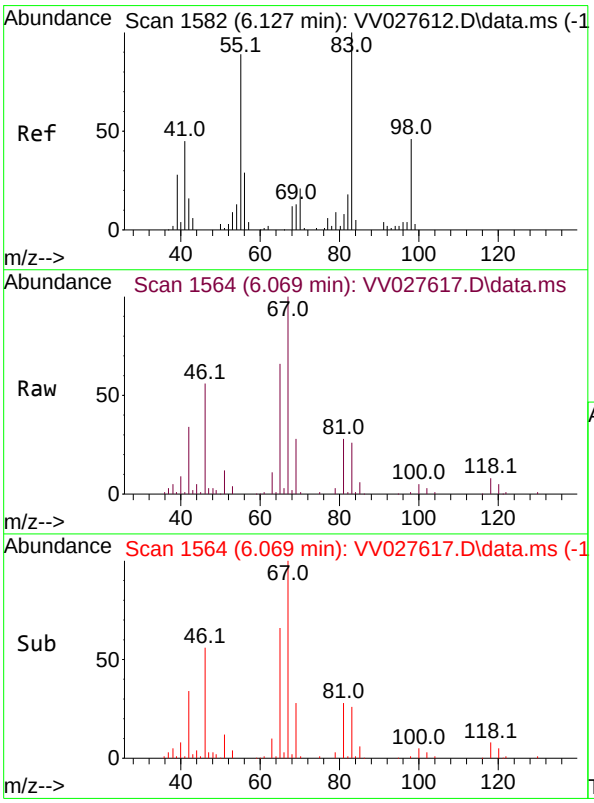
#34
Trichloroethene
Concen: 4.575 ug/L
RT: 5.915 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV027617.D
Acq: 31 Aug 2022 13:19

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 55191

Ion	Ratio	Lower	Upper
95	100		
97	62.4	45.0	83.6
132	96.2	65.7	121.9
130	97.6	69.3	128.7

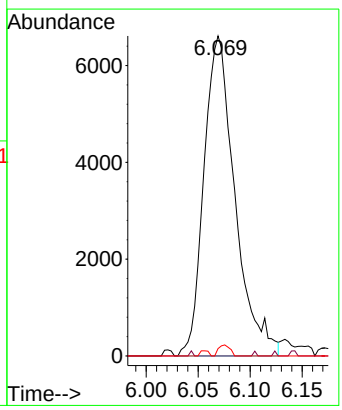


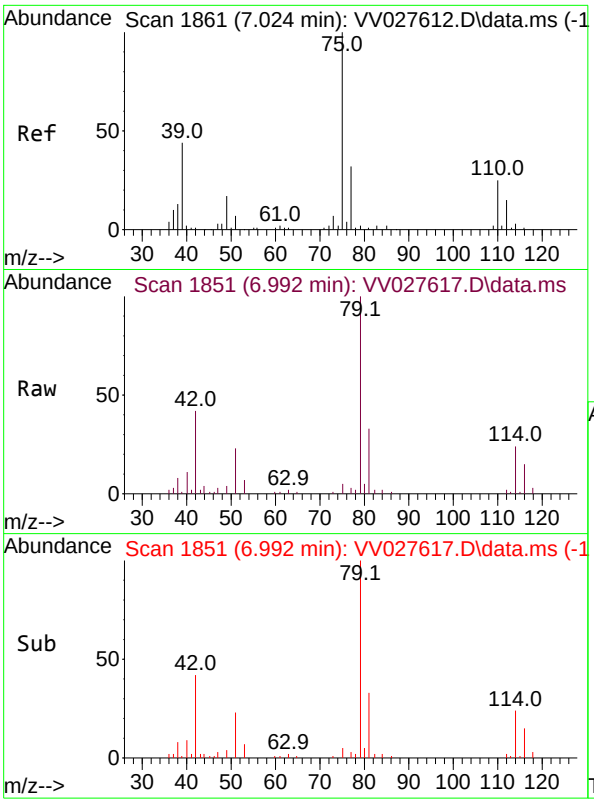


#35
Methylcyclohexane
Concen: 0.809 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV027617.D
Acq: 31 Aug 2022 13:19

Tgt Ion: 83 Resp: 13733

Ion	Ratio	Lower	Upper
83	100		
55	0.1	68.2	102.4#
98	1.3	39.0	58.4#



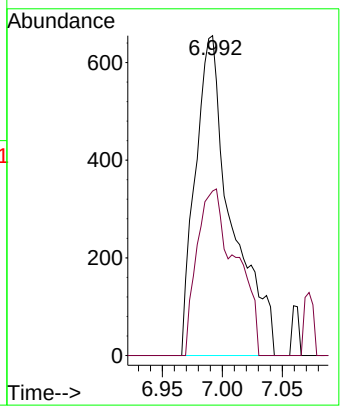


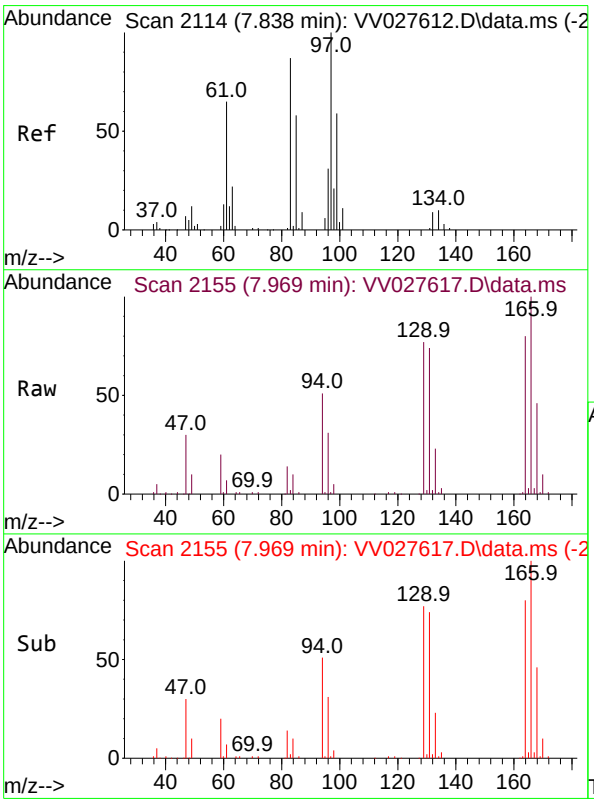
#39
cis-1,3-Dichloropropene
Concen: 0.093 ug/L
RT: 6.992 min Scan# 1
Delta R.T. -0.032 min
Lab File: VV027617.D
Acq: 31 Aug 2022 13:19

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 1371

Ion	Ratio	Lower	Upper
75	100		
77	51.5	22.9	42.5#

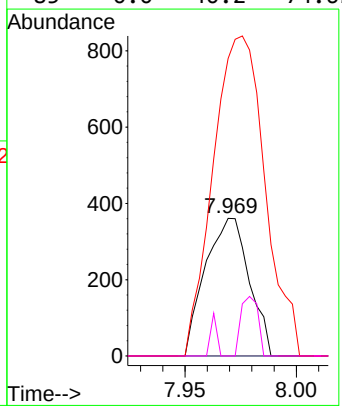


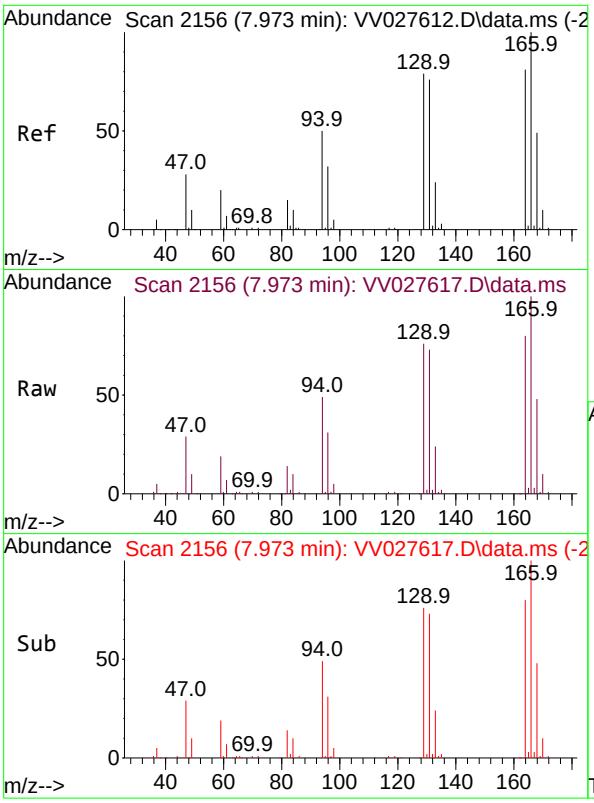


#45
1,1,2-Trichloroethane
Concen: 0.063 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. 0.132 min
Lab File: VV027617.D
Acq: 31 Aug 2022 13:19

Tgt Ion: 97 Resp: 496

Ion	Ratio	Lower	Upper
97	100		
99	0.0	46.1	85.7#
83	216.1	63.0	117.0#
85	0.0	40.2	74.6#



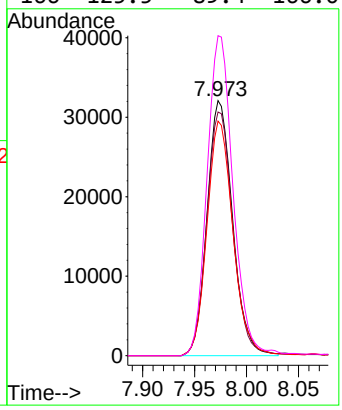


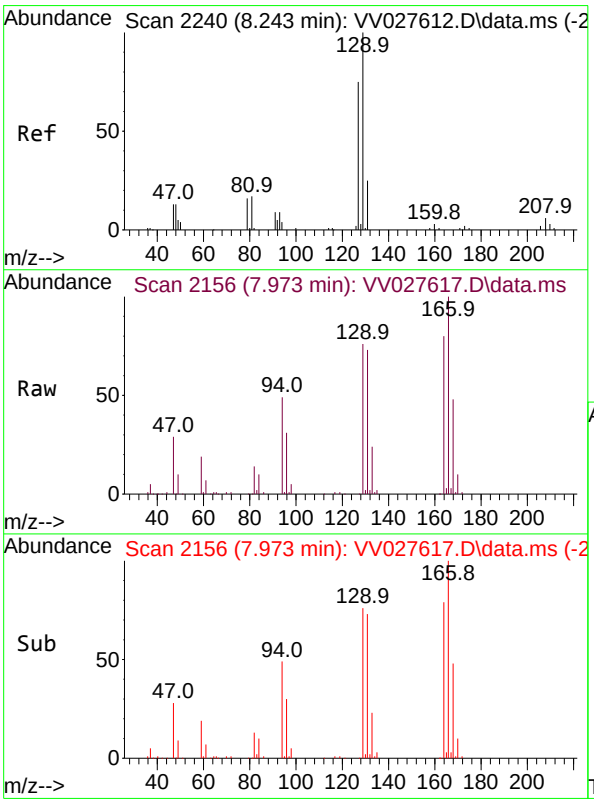
#47
Tetrachloroethene
Concen: 5.840 ug/L
RT: 7.973 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV027617.D
Acq: 31 Aug 2022 13:19

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:164 Resp: 54883

Ion	Ratio	Lower	Upper
164	100		
129	95.5	71.1	132.1
131	92.0	64.5	119.9
166	125.5	89.4	166.0

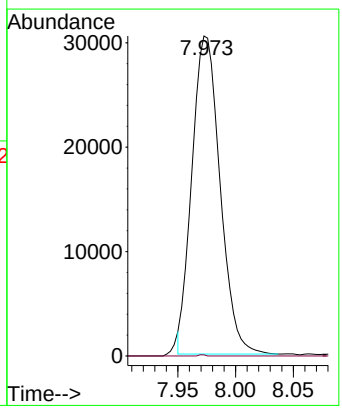


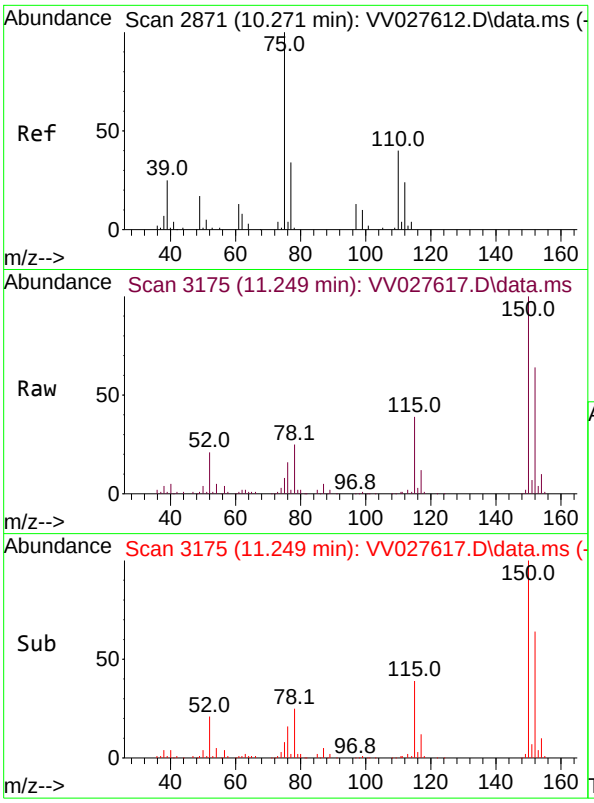


#49
Dibromochloromethane
Concen: 5.366 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. -0.270 min
Lab File: VV027617.D
Acq: 31 Aug 2022 13:19

Tgt Ion:129 Resp: 51564

Ion	Ratio	Lower	Upper
129	100		
127	0.3	55.9	103.7#





#61
1,2,3-Trichloropropane
Concen: 1.378 ug/L
RT: 11.249 min Scan# 3
Delta R.T. 0.977 min
Lab File: VV027617.D
Acq: 31 Aug 2022 13:19

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 6810

Ion	Ratio	Lower	Upper
75	100		
77	37.4	26.2	39.2
110	0.6	29.9	44.9#