Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090923\
Data File : VV032006.D
Acq On : 09 Sep 2023 17:31
Operator : SY/MD
Sample : 04307-13
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Sep 09 21:56:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR082323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Sep 09 21:51:31 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	128756	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	124910	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	66614	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	20877	4.801	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 96.000%			
7) Chloroethane-d5	1.532	69	25922	5.203	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 104.000%			
11) 1,1-Dichloroethene-d2	2.060	65	12320	4.814	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 96.200%			
20) 2-Butanone-d5	3.809	46	102209	48.553	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 97.100%			
24) Chloroform-d	4.256	84	60040	4.079	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 81.600%			
26) 1,2-Dichloroethane-d4	4.950	65	32932	4.342	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.800%			
32) Benzene-d6	4.966	84	123763	4.354	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.000%			
36) 1,2-Dichloropropane-d6	5.995	67	43421	4.332	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 86.600%			
41) Toluene-d8	7.249	98	107995	4.095	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 81.800%			
43) trans-1,3-Dichloroprop...	7.564	79	11595	3.172	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 63.400%			
46) 2-Hexanone-d5	8.031	63	81918	42.038	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 84.080%			
56) 1,1,2,2-Tetrachloroeth...	10.159	84	30217	4.202	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 84.000%			
66) 1,2-Dichlorobenzene-d4	11.564	152	39684	3.679	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 73.600%#			
Target Compounds						Qvalue
3) Chloromethane	1.217	50	1888	0.240	ug/L	97
27) 1,2-Dichloroethane	4.966	62	809	0.098	ug/L #	75
31) Carbon tetrachloride	4.741	117	28765	2.948	ug/L	100
34) Trichloroethene	5.847	95	1519	0.181	ug/L	92
35) Methylcyclohexane	5.995	83	9746	0.796	ug/L #	19
37) 1,2-Dichloropropane	5.992	63	4579	0.578	ug/L #	87
39) cis-1,3-Dichloropropene	6.924	75	922	0.076	ug/L #	49
47) Tetrachloroethene	7.908	164	19206	3.575	ug/L	98
49) Dibromochloromethane	7.908	129	18730	3.168	ug/L #	11
61) 1,2,3-Trichloropropane	11.191	75	8987	1.832	ug/L #	69

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

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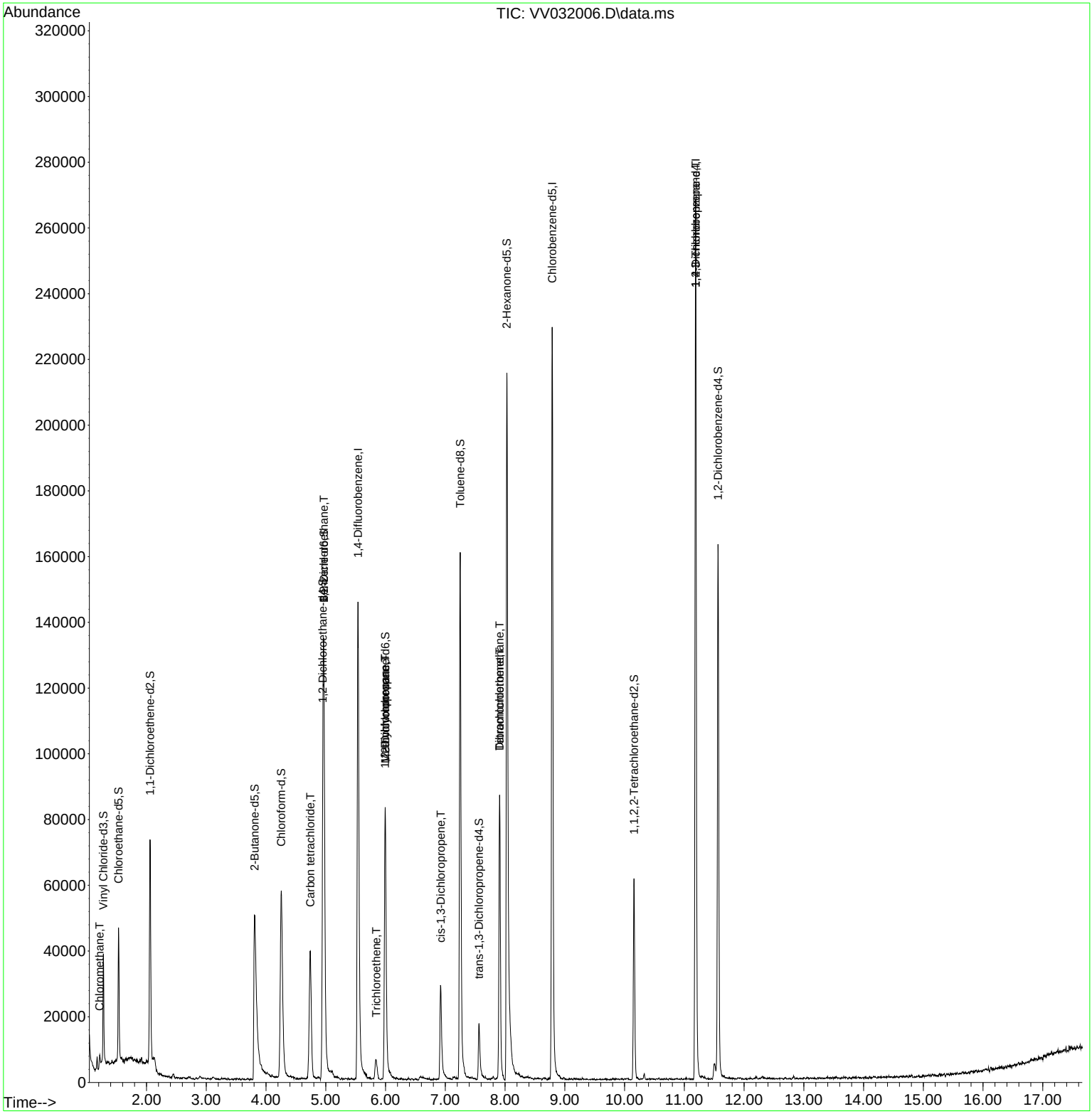
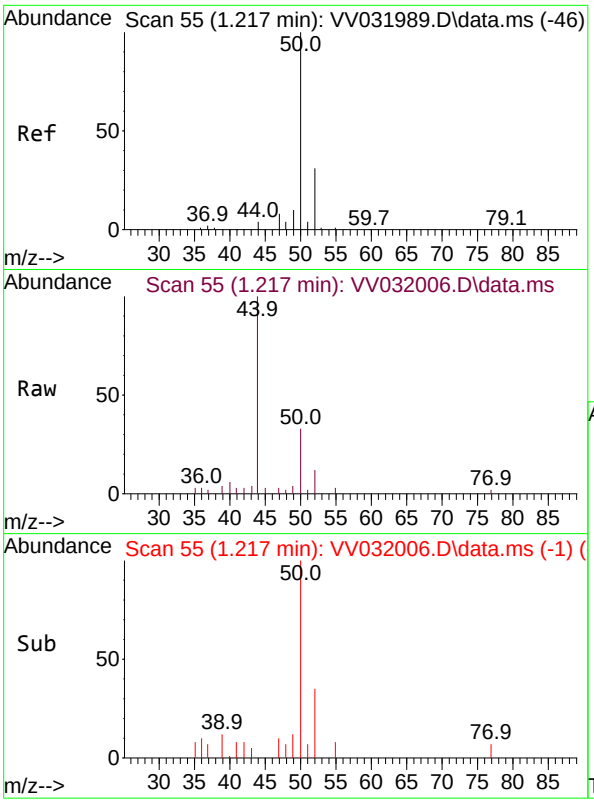
Response via : Initial Calibration



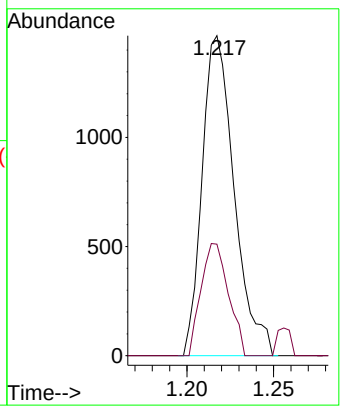


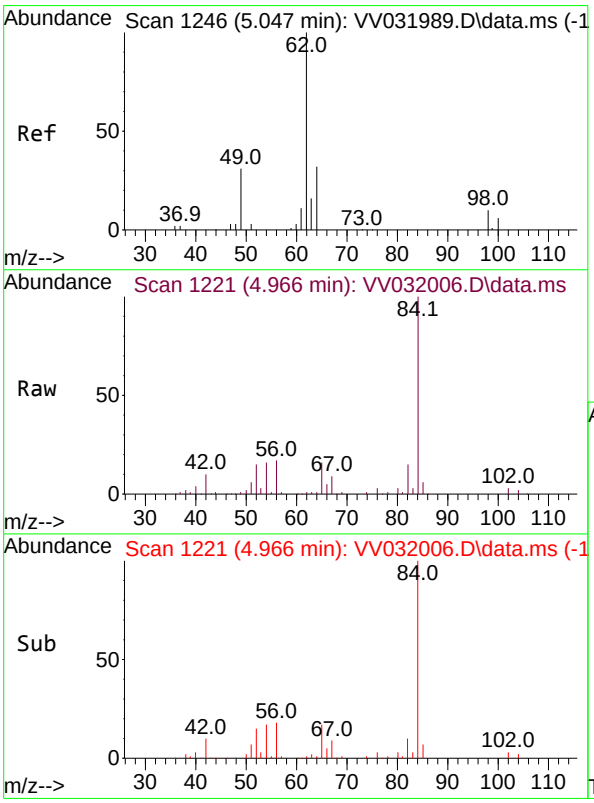
#3
Chloromethane
Concen: 0.240 ug/L
RT: 1.217 min Scan# 5
Delta R.T. 0.000 min
Lab File: VV032006.D
Acq: 09 Sep 2023 17:31

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 50 Resp: 1888

Ion	Ratio	Lower	Upper
50	100		
52	34.9	23.3	43.3

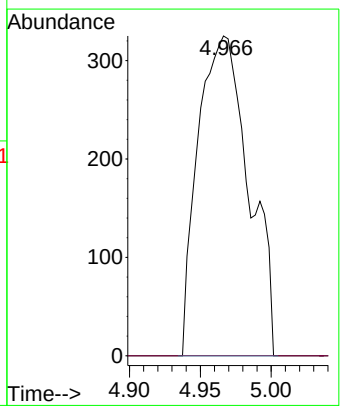


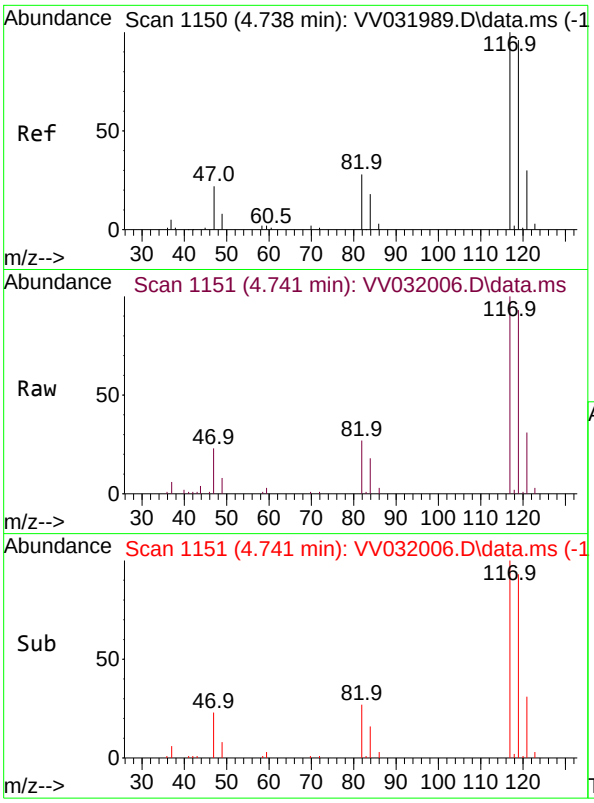


#27
1,2-Dichloroethane
Concen: 0.098 ug/L
RT: 4.966 min Scan# 1221
Delta R.T. -0.080 min
Lab File: VV032006.D
Acq: 09 Sep 2023 17:31

Tgt Ion: 62 Resp: 809

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.2	10.8#



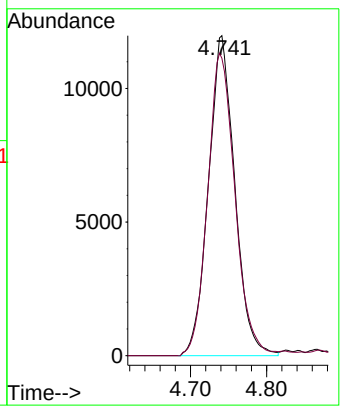


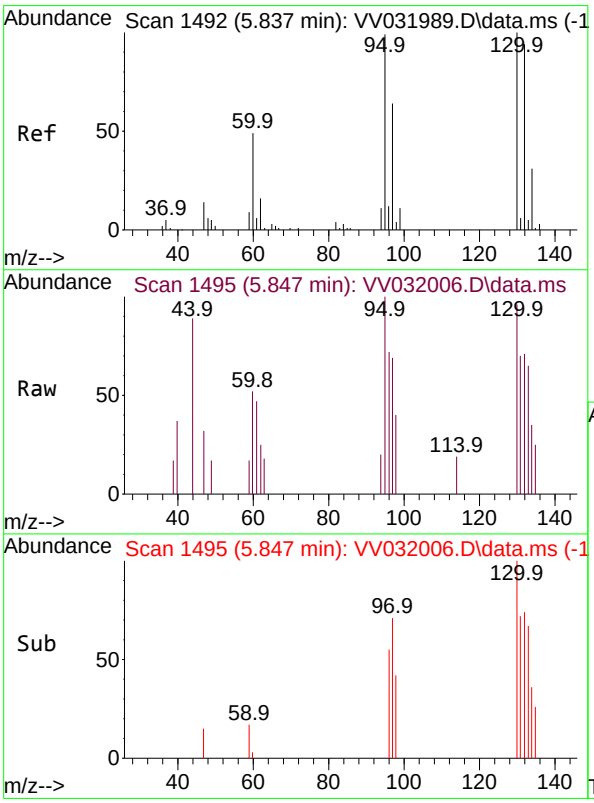
#31
Carbon tetrachloride
Concen: 2.948 ug/L
RT: 4.741 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV032006.D
Acq: 09 Sep 2023 17:31

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:117 Resp: 28765

Ion	Ratio	Lower	Upper
117	100		
119	98.2	78.4	117.6

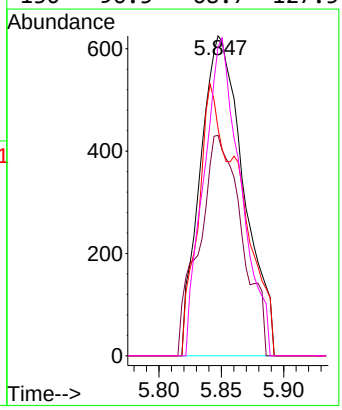


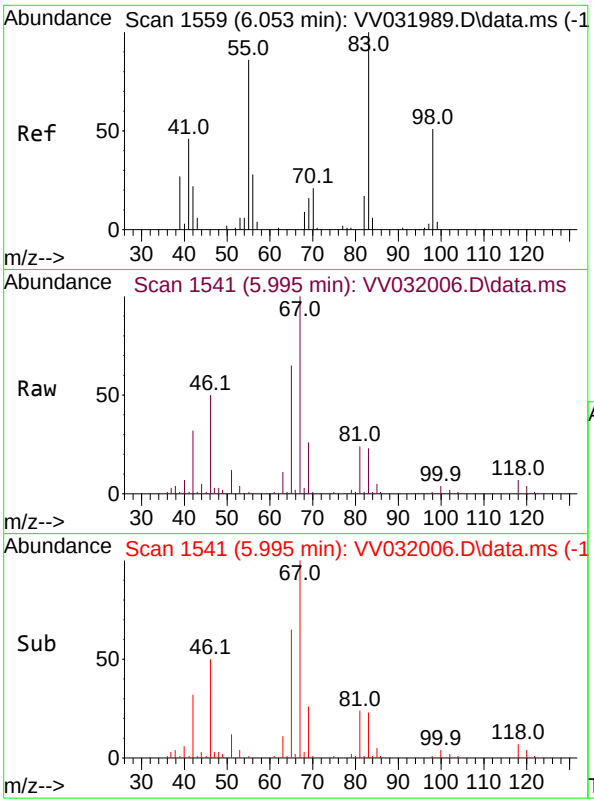


#34
Trichloroethene
Concen: 0.181 ug/L
RT: 5.847 min Scan# 1495
Delta R.T. 0.010 min
Lab File: VV032006.D
Acq: 09 Sep 2023 17:31

Tgt Ion: 95 Resp: 1519

Ion	Ratio	Lower	Upper
95	100		
97	69.0	47.7	88.7
132	71.0	63.8	118.4
130	96.5	68.7	127.5



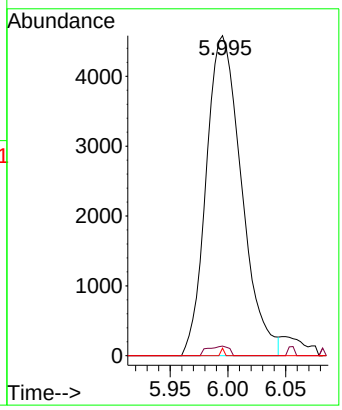


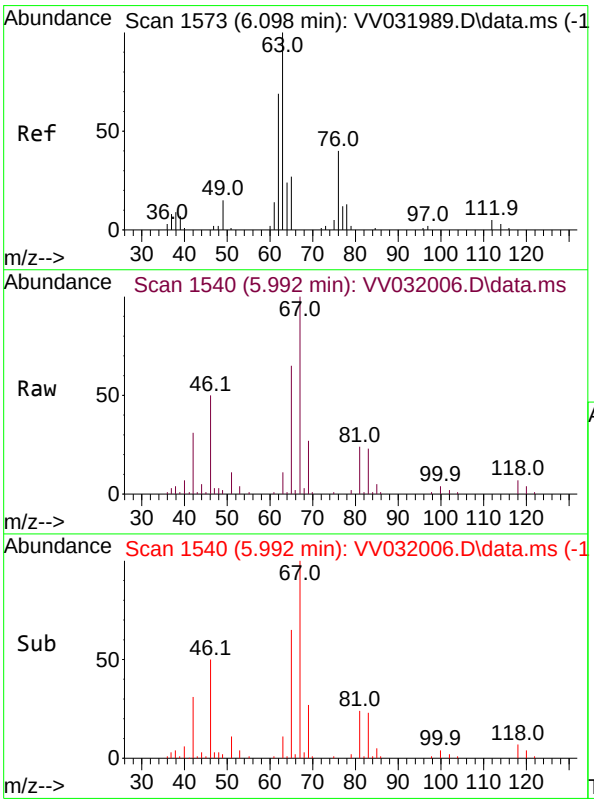
#35
Methylcyclohexane
Concen: 0.796 ug/L
RT: 5.995 min Scan# 1
Delta R.T. -0.058 min
Lab File: VV032006.D
Acq: 09 Sep 2023 17:31

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 9746

Ion	Ratio	Lower	Upper
83	100		
55	1.8	62.6	94.0#
98	0.2	37.8	56.8#

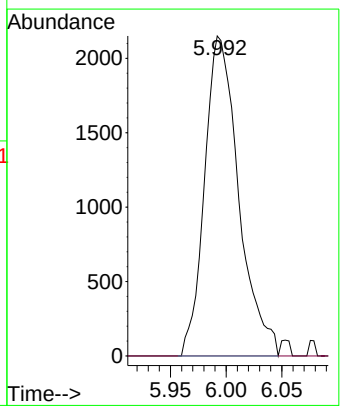


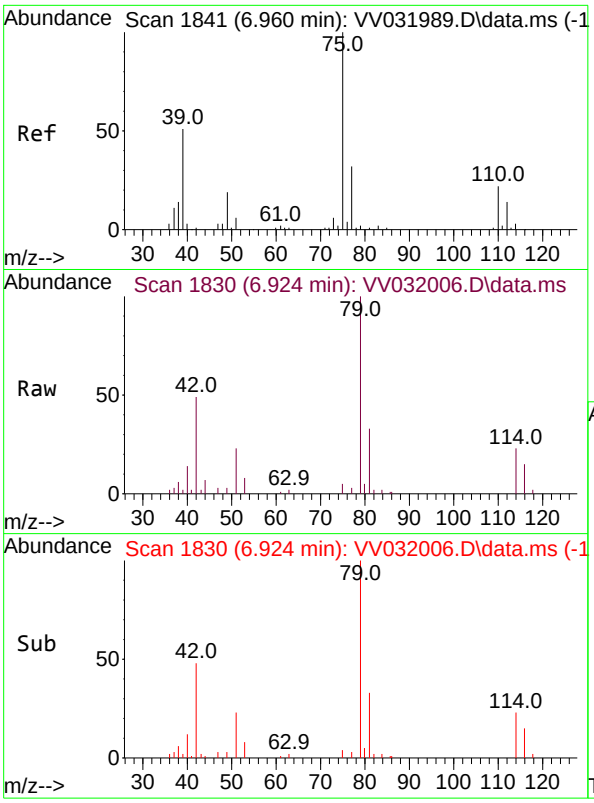


#37
1,2-Dichloropropane
Concen: 0.578 ug/L
RT: 5.992 min Scan# 1540
Delta R.T. -0.106 min
Lab File: VV032006.D
Acq: 09 Sep 2023 17:31

Tgt Ion: 63 Resp: 4579

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.2#



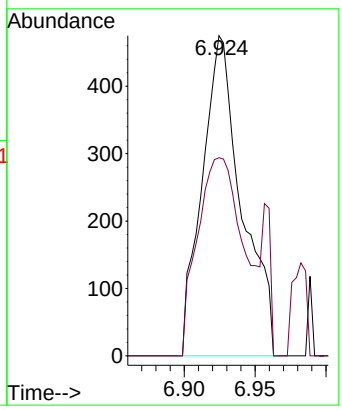


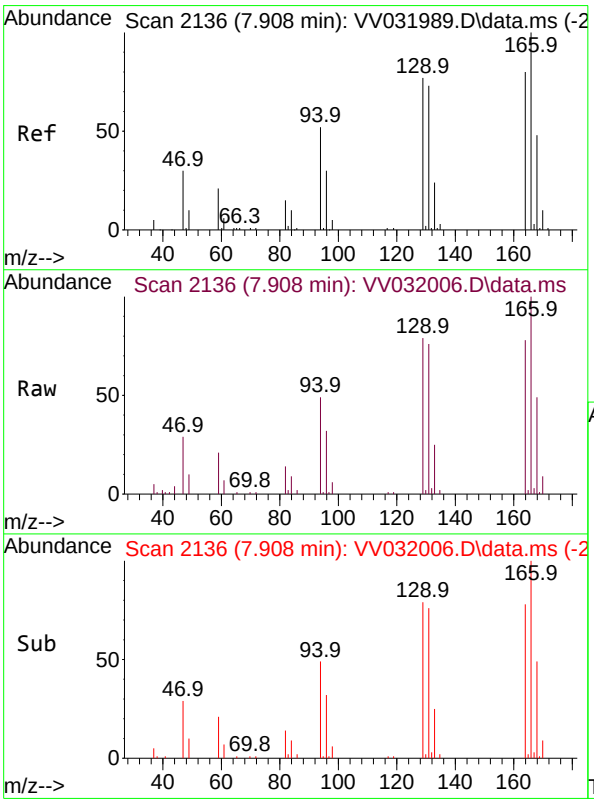
#39
cis-1,3-Dichloropropene
Concen: 0.076 ug/L
RT: 6.924 min Scan# 1
Delta R.T. -0.035 min
Lab File: VV032006.D
Acq: 09 Sep 2023 17:31

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 922

Ion	Ratio	Lower	Upper
75	100		
77	61.9	23.2	43.2#

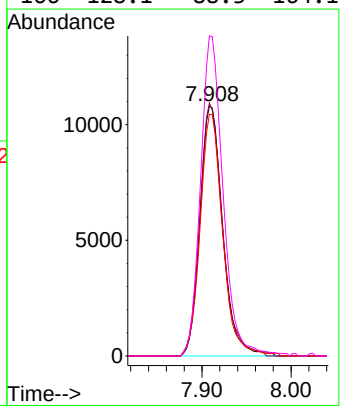


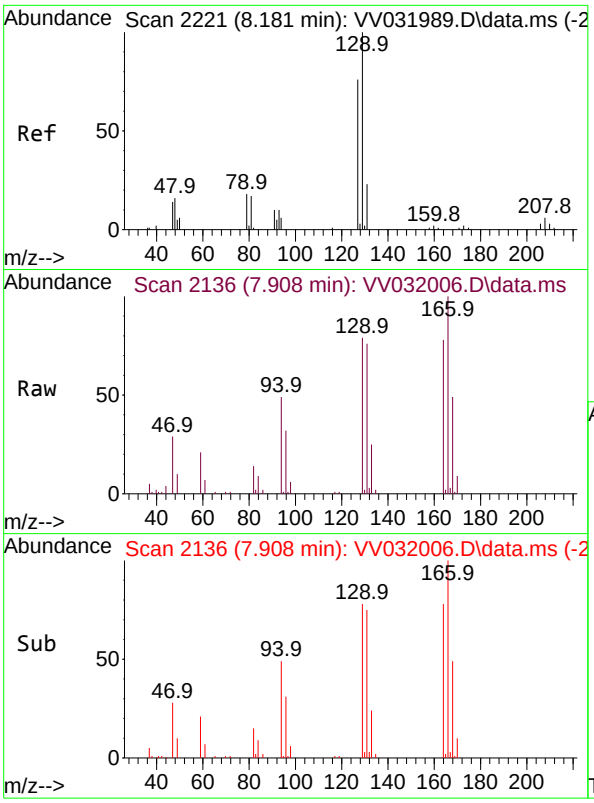


#47
Tetrachloroethene
Concen: 3.575 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.000 min
Lab File: VV032006.D
Acq: 09 Sep 2023 17:31

Tgt Ion:164 Resp: 19206

Ion	Ratio	Lower	Upper
164	100		
129	101.3	70.6	131.2
131	96.8	64.6	120.0
166	128.1	88.3	164.1



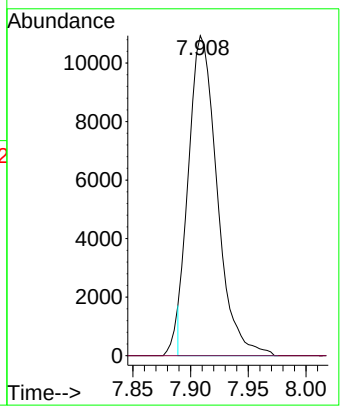


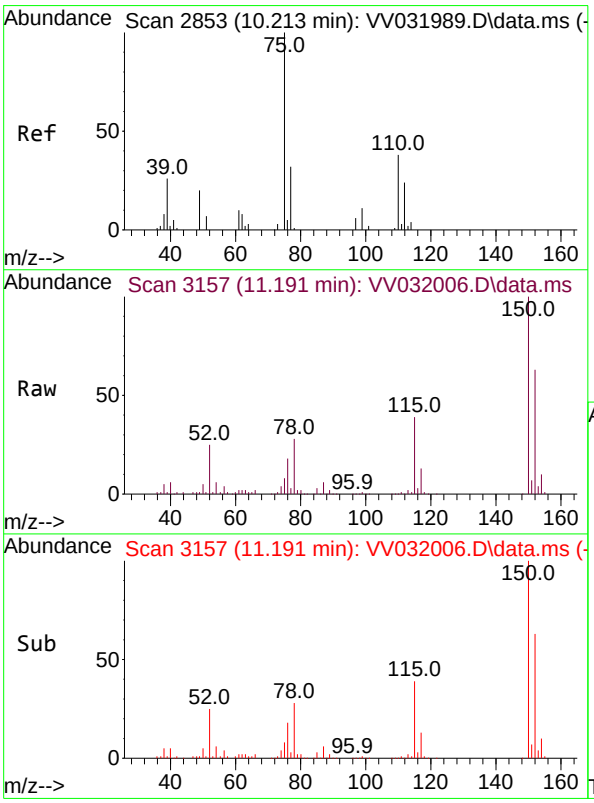
#49
Dibromochloromethane
Concen: 3.168 ug/L
RT: 7.908 min Scan# 21
Delta R.T. -0.273 min
Lab File: VV032006.D
Acq: 09 Sep 2023 17:31

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:129 Resp: 18730

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.7	99.7#





#61
1,2,3-Trichloropropane
Concen: 1.832 ug/L
RT: 11.191 min Scan# 3157
Delta R.T. 0.978 min
Lab File: VV032006.D
Acq: 09 Sep 2023 17:31

Tgt Ion: 75 Resp: 8987

Ion	Ratio	Lower	Upper
75	100		
77	34.9	28.8	43.2
110	2.0	30.2	45.2#