Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011323\
Data File : VV029835.D
Acq On : 14 Jan 2023 02:17
Operator : SY/MD
Sample : 01138-14 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BH1X7

Quant Time: Jan 14 04:20:35 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 12 22:05:54 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	201537	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	197791	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	102540	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	68441	4.477	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 89.600%			
7) Chloroethane-d5	1.564	69	64316	5.076	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 101.600%			
11) 1,1-Dichloroethene-d2	2.104	63	94216	3.381	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 67.600%			
20) 2-Butanone-d5	3.889	46	139749	51.579	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 103.160%			
24) Chloroform-d	4.339	84	142199	5.071	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.400%			
26) 1,2-Dichloroethane-d4	5.024	65	62228	5.240	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.800%			
32) Benzene-d6	5.043	84	290915	4.958	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.200%			
36) 1,2-Dichloropropane-d6	6.063	67	89440	5.209	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 104.200%			
41) Toluene-d8	7.307	98	246133	4.531	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.600%			
43) trans-1,3-Dichloroprop...	7.616	79	26089	4.160	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 83.200%			
46) 2-Hexanone-d5	8.085	63	124390	48.722	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.440%			
56) 1,1,2,2-Tetrachloroeth...	10.204	84	64127	5.096	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.000%			
66) 1,2-Dichlorobenzene-d4	11.612	152	97145	5.211	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 104.200%			
Target Compounds						Qvalue
3) Chloromethane	1.240	50	2626	0.133	ug/L	86
5) Vinyl chloride	1.307	62	11089	0.573	ug/L	83
6) Bromomethane	1.523	94	1182	0.125	ug/L	90
12) 1,1-Dichloroethene	2.111	96	3009	0.175	ug/L #	1
16) Methylene chloride	2.500	84	52439	2.453	ug/L	97
17) Methyl tert-butyl Ether	2.770	73	964	0.032	ug/L	96
19) 1,1-Dichloroethane	3.185	63	7824	0.292	ug/L	95
22) cis-1,2-Dichloroethene	3.905	96	17234	1.011	ug/L	86
34) Trichloroethene	5.915	95	3865	0.233	ug/L	96
35) Methylcyclohexane	6.063	83	20723	0.741	ug/L #	21
39) cis-1,3-Dichloropropene	6.982	75	1738	0.085	ug/L #	44
53) m,p-Xylene	9.136	106	889	0.030	ug/L	90
61) 1,2,3-Trichloropropane	11.236	75	11802	1.554	ug/L #	65

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

Quantitation Report (Not Reviewed)

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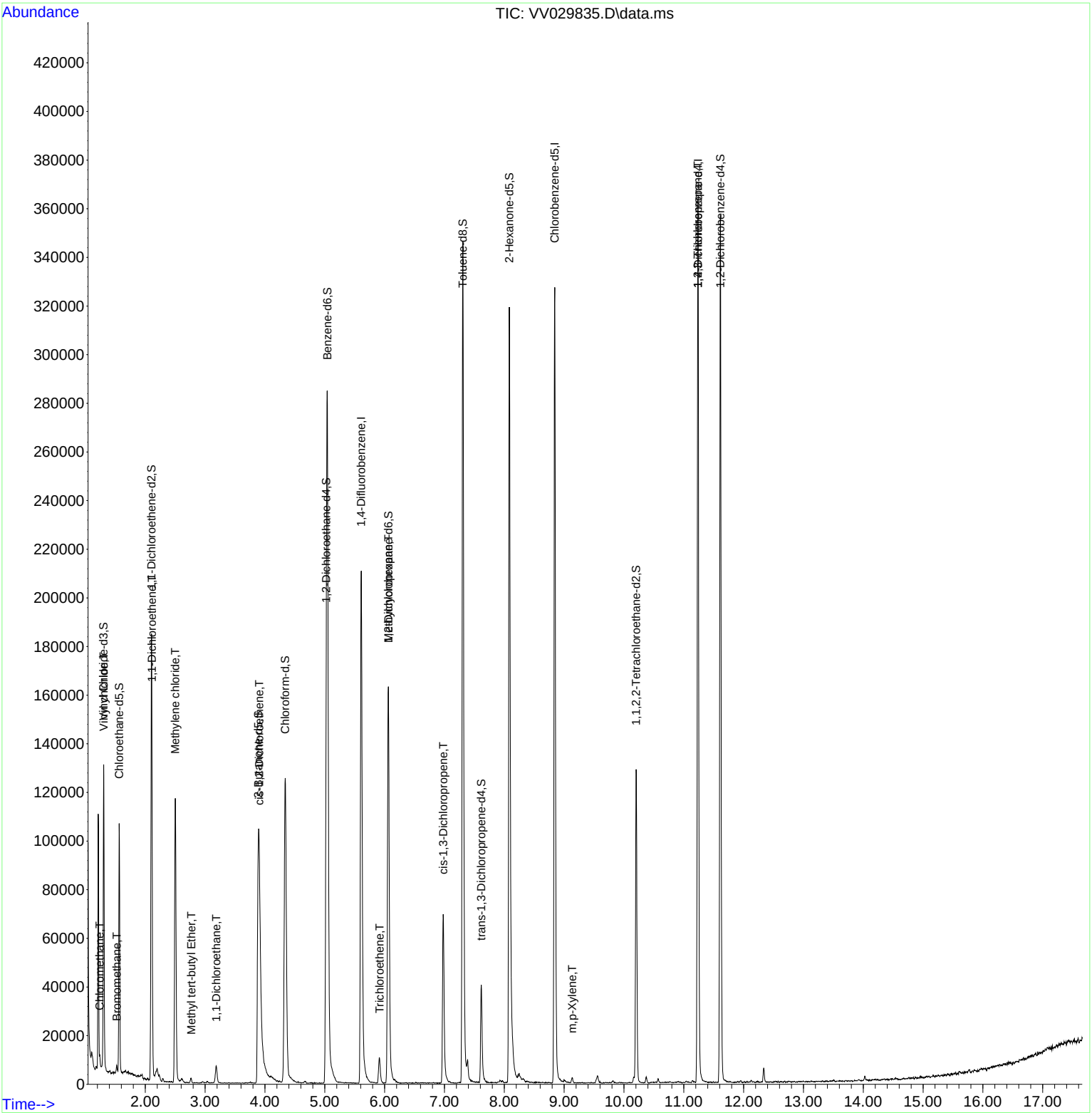
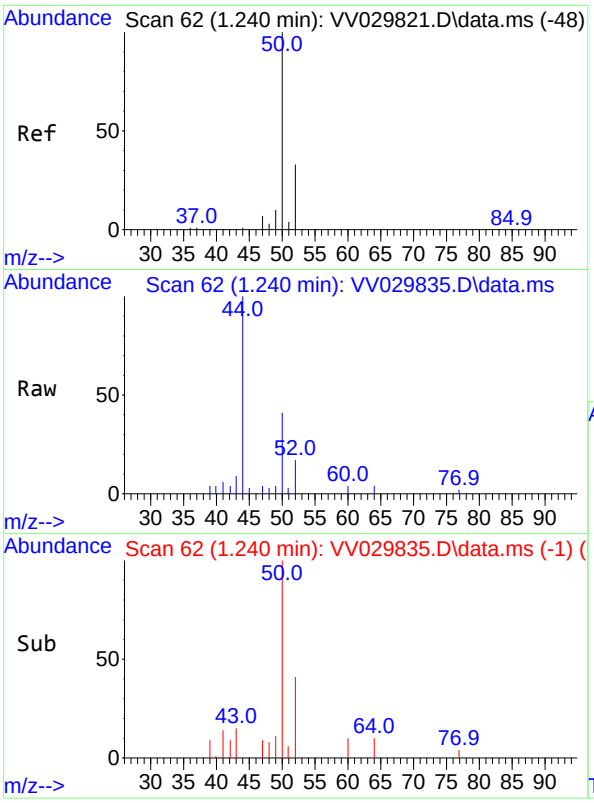
BH1X7

Quant Time: Jan 14 04:20:35 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 12 22:05:54 2023
Response via : Initial Calibration



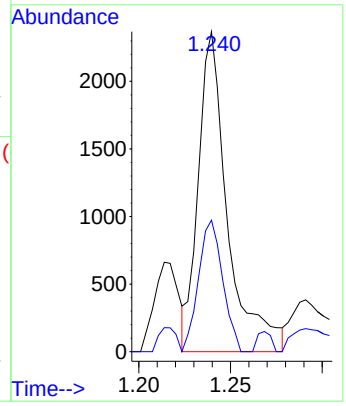


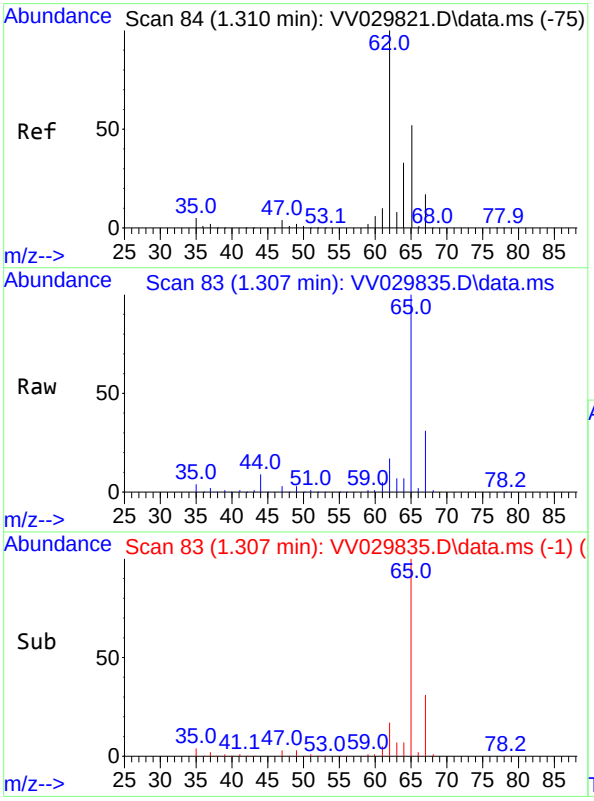
#3
Chloromethane
Concen: 0.133 ug/L
RT: 1.240 min Scan# 6
Delta R.T. 0.003 min
Lab File: VV029835.D
Acq: 14 Jan 2023 02:17

Instrument :
MSVOA_V
ClientSampleId :
BH1X7

Tgt Ion: 50 Resp: 2626

Ion	Ratio	Lower	Upper
50	100		
52	41.1	23.1	42.9

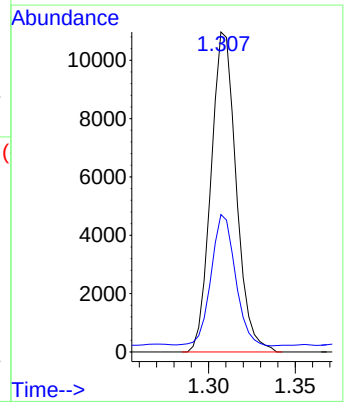


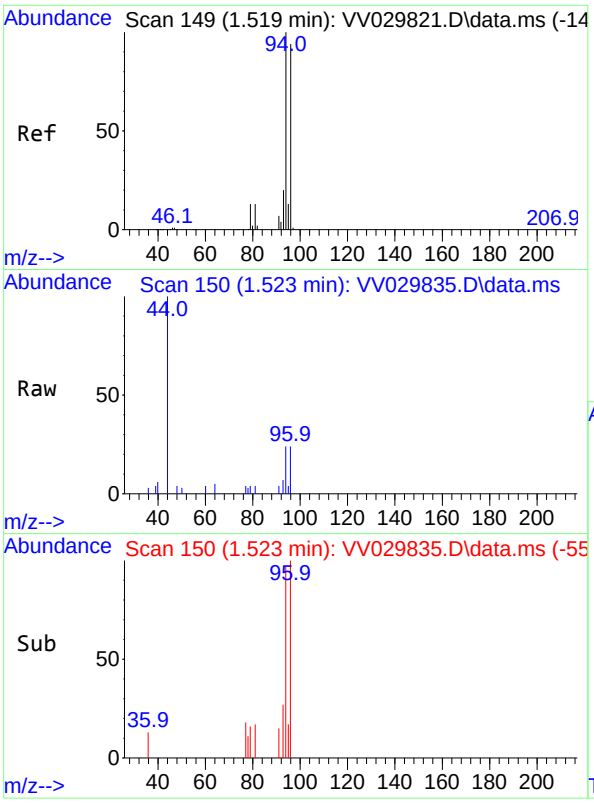


#5
Vinyl chloride
Concen: 0.573 ug/L
RT: 1.307 min Scan# 83
Delta R.T. 0.003 min
Lab File: VV029835.D
Acq: 14 Jan 2023 02:17

Tgt Ion: 62 Resp: 11089

Ion	Ratio	Lower	Upper
62	100		
64	43.0	23.2	43.2



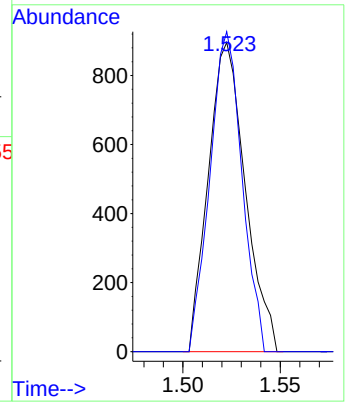


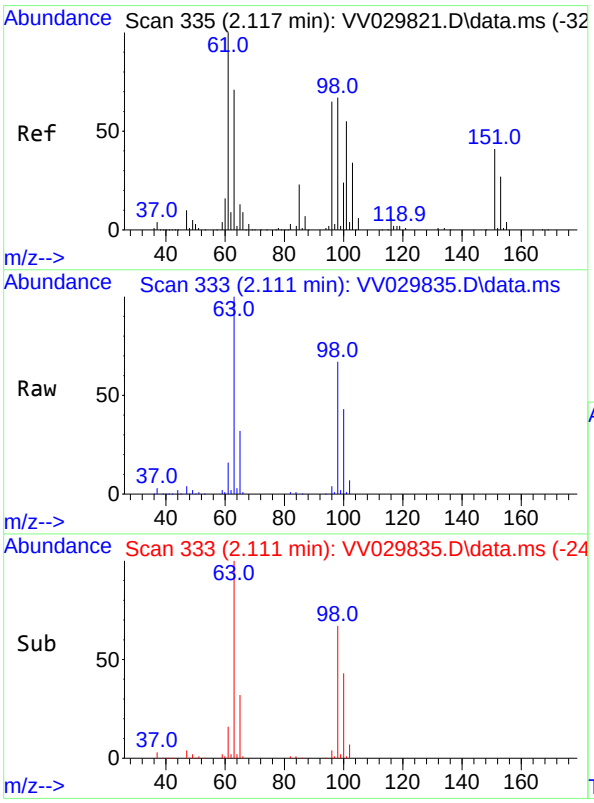
#6
Bromomethane
Concen: 0.125 ug/L
RT: 1.523 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV029835.D
Acq: 14 Jan 2023 02:17

Instrument :
MSVOA_V
ClientSampleId :
BH1X7

Tgt Ion: 94 Resp: 1182

Ion	Ratio	Lower	Upper
94	100		
96	103.5	65.9	122.5

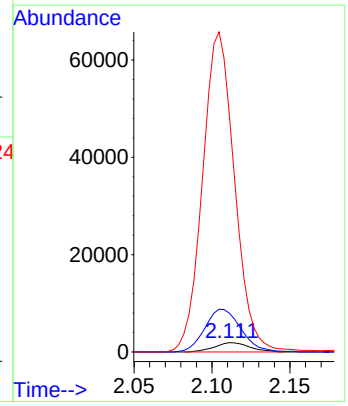


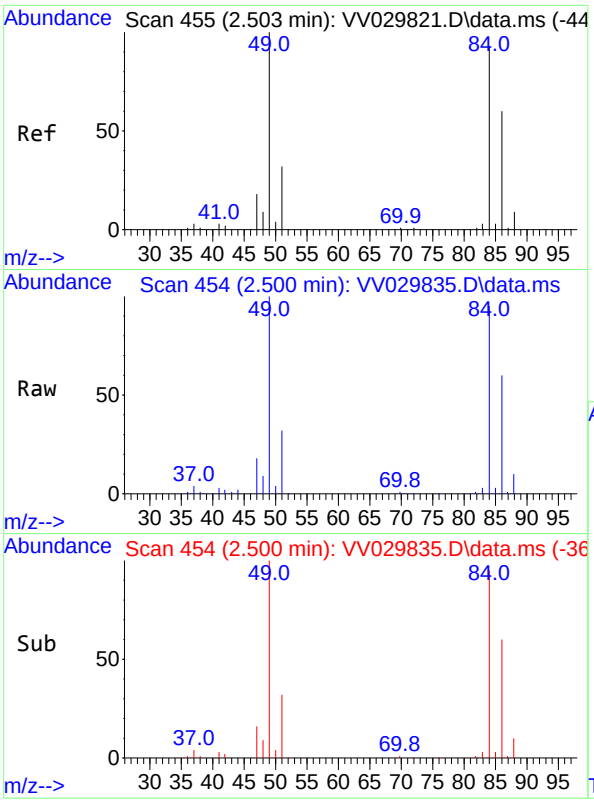


#12
1,1-Dichloroethene
Concen: 0.175 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.000 min
Lab File: VV029835.D
Acq: 14 Jan 2023 02:17

Tgt Ion: 96 Resp: 3009

Ion	Ratio	Lower	Upper
96	100		
61	419.4	106.1	197.1#
63	2591.3	76.4	141.8#



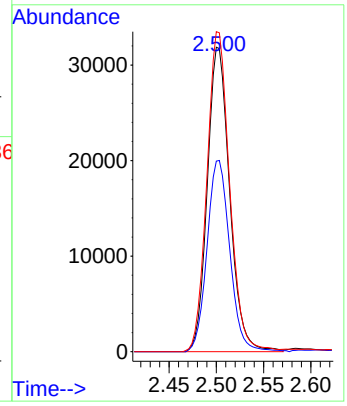


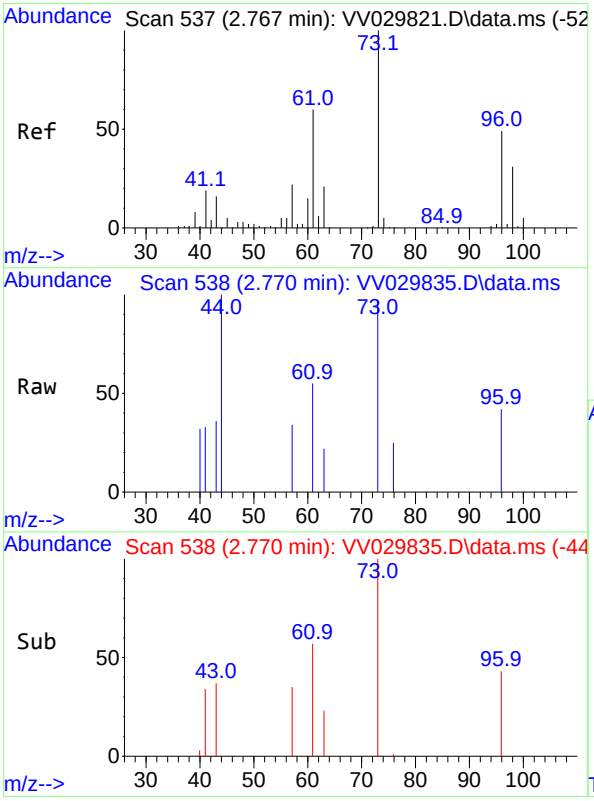
#16
Methylene chloride
Concen: 2.453 ug/L
RT: 2.500 min Scan# 4
Delta R.T. 0.003 min
Lab File: VV029835.D
Acq: 14 Jan 2023 02:17

Instrument :
MSVOA_V
ClientSampleId :
BH1X7

Tgt Ion: 84 Resp: 52439

Ion	Ratio	Lower	Upper
84	100		
86	62.6	45.0	83.6
49	105.1	71.5	132.7

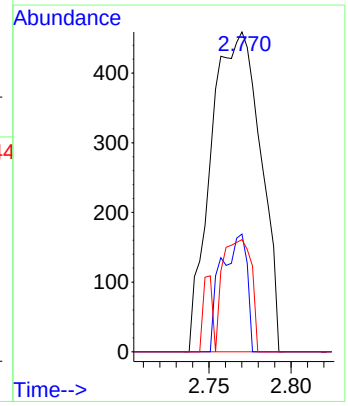


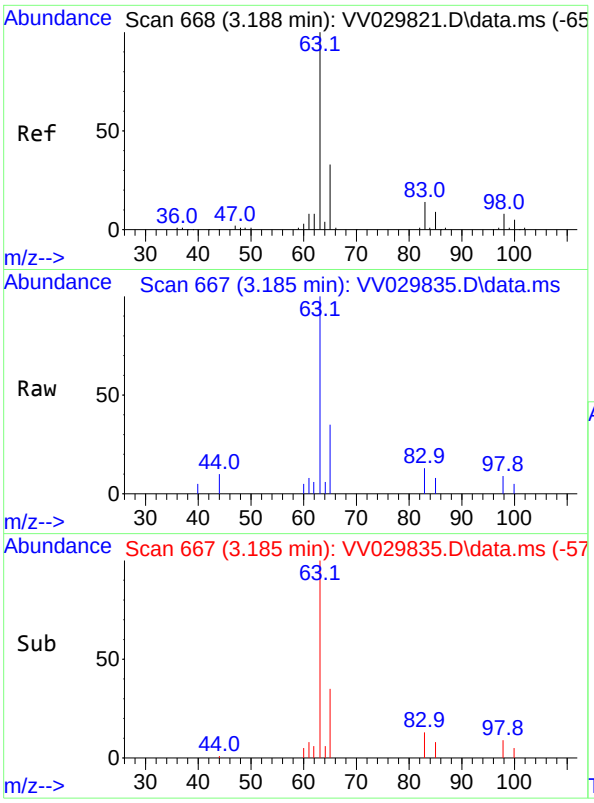


#17
Methyl tert-butyl Ether
Concen: 0.032 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.009 min
Lab File: VV029835.D
Acq: 14 Jan 2023 02:17

Tgt Ion: 73 Resp: 964

Ion	Ratio	Lower	Upper
73	100		
43	19.1	13.0	19.4
57	20.1	17.1	25.7



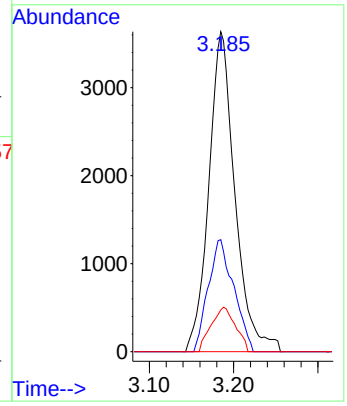


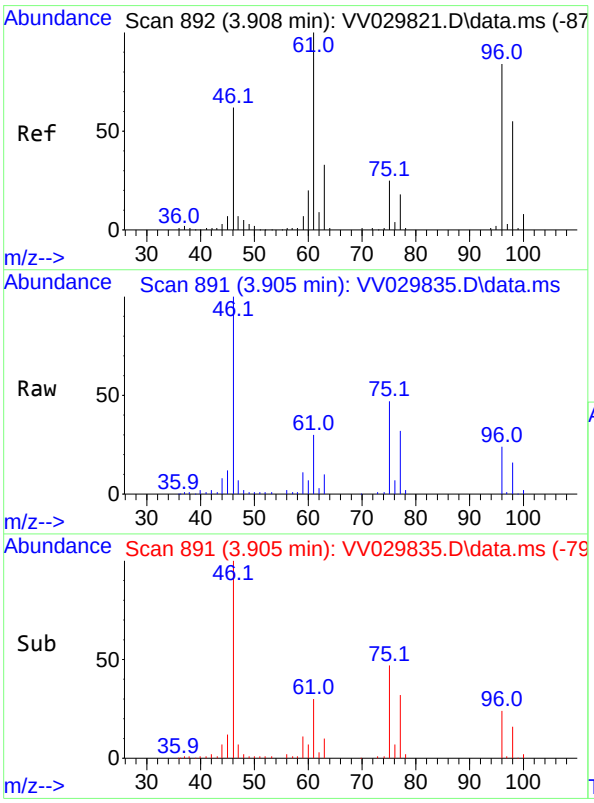
#19
1,1-Dichloroethane
Concen: 0.292 ug/L
RT: 3.185 min Scan# 6
Delta R.T. 0.006 min
Lab File: VV029835.D
Acq: 14 Jan 2023 02:17

Instrument :
MSVOA_V
ClientSampleId :
BH1X7

Tgt Ion: 63 Resp: 7824

Ion	Ratio	Lower	Upper
63	100		
65	35.0	22.4	41.6
83	13.0	10.2	19.0

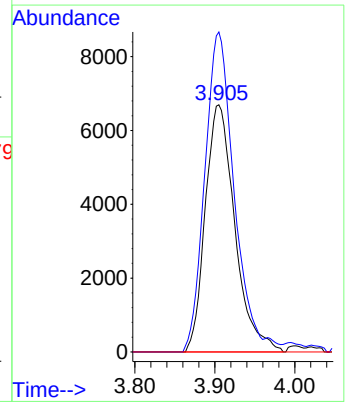


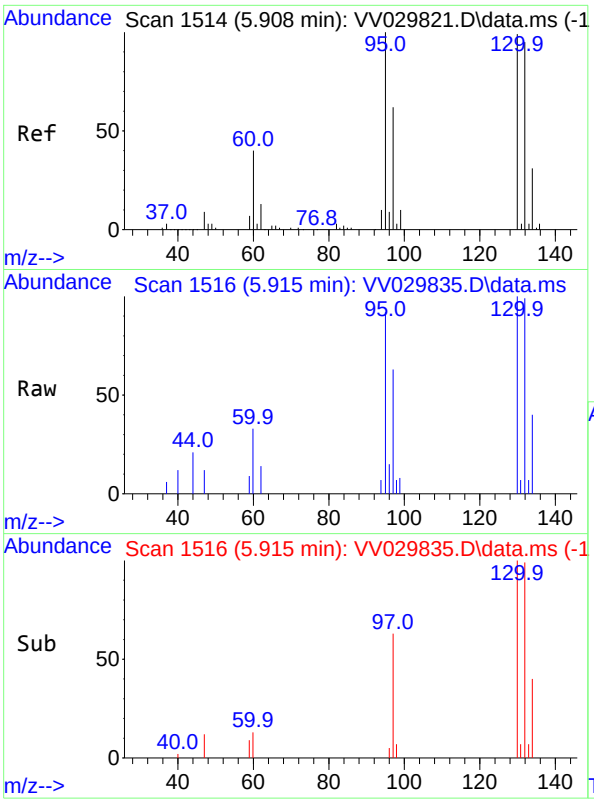


#22
cis-1,2-Dichloroethene
Concen: 1.011 ug/L
RT: 3.905 min Scan# 891
Delta R.T. 0.006 min
Lab File: VV029835.D
Acq: 14 Jan 2023 02:17

Tgt Ion: 96 Resp: 17234

Ion	Ratio	Lower	Upper
96	100		
61	129.4	80.0	148.6
68	0.0	0.0	0.0



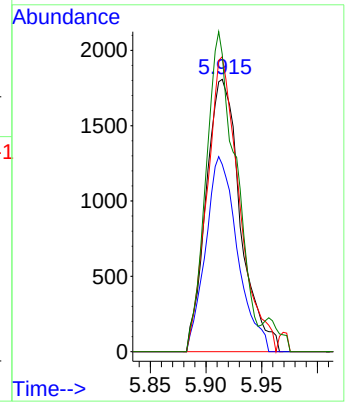


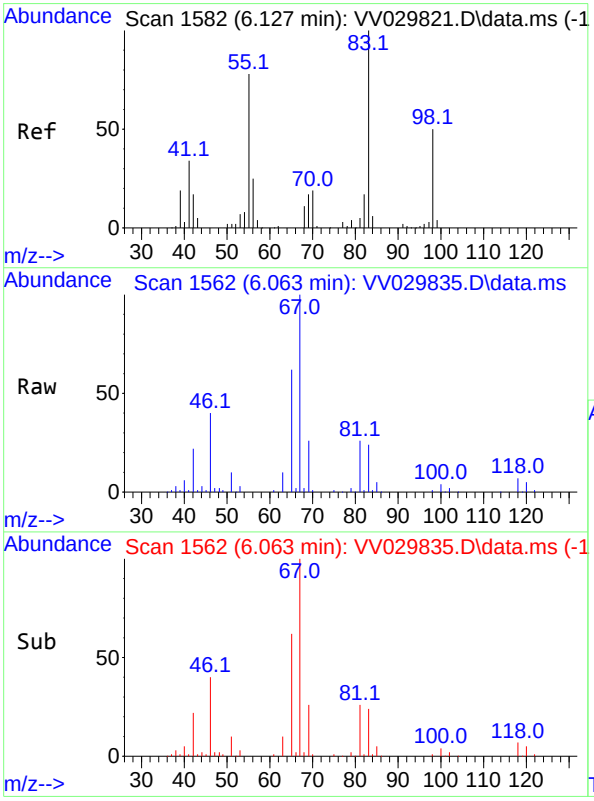
#34
Trichloroethene
Concen: 0.233 ug/L
RT: 5.915 min Scan# 1
Delta R.T. 0.009 min
Lab File: VV029835.D
Acq: 14 Jan 2023 02:17

Instrument :
MSVOA_V
ClientSampleId :
BH1X7

Tgt Ion: 95 Resp: 3865

Ion	Ratio	Lower	Upper
95	100		
97	68.7	44.9	83.3
132	108.2	71.8	133.4
130	109.2	75.3	139.8

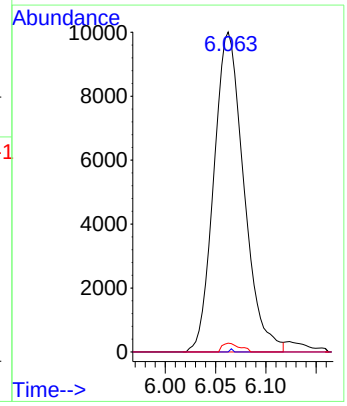


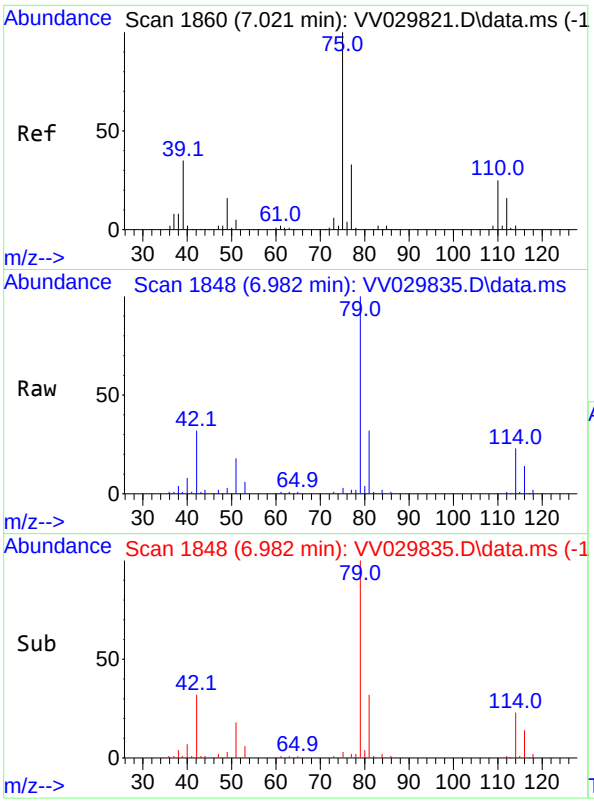


#35
Methylcyclohexane
Concen: 0.741 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.058 min
Lab File: VV029835.D
Acq: 14 Jan 2023 02:17

Tgt Ion: 83 Resp: 20723

Ion	Ratio	Lower	Upper
83	100		
55	0.1	57.3	85.9#
98	1.6	39.0	58.6#



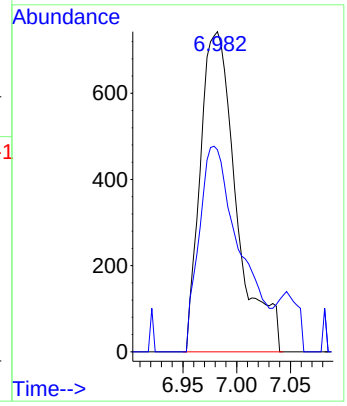


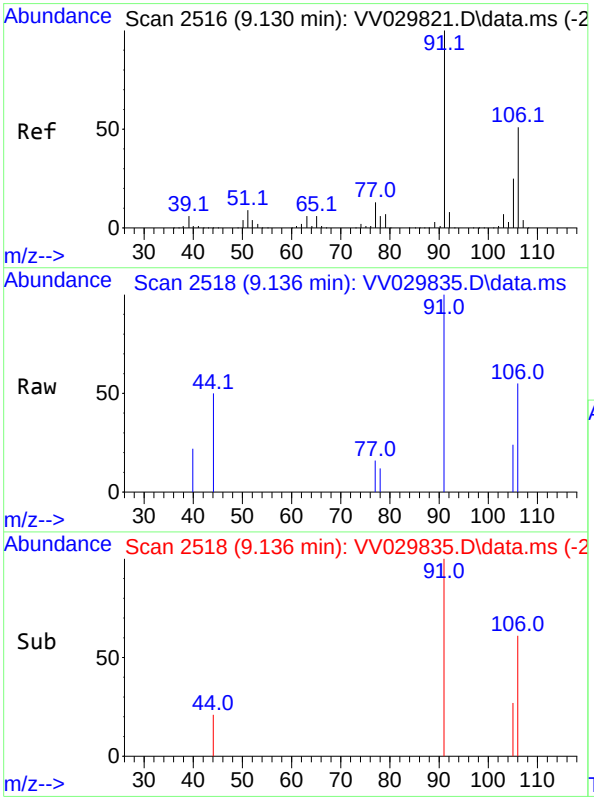
#39
cis-1,3-Dichloropropene
Concen: 0.085 ug/L
RT: 6.982 min Scan# 1
Delta R.T. -0.036 min
Lab File: VV029835.D
Acq: 14 Jan 2023 02:17

Instrument :
MSVOA_V
ClientSampleId :
BH1X7

Tgt Ion: 75 Resp: 1738

Ion	Ratio	Lower	Upper
75	100		
77	63.1	22.4	41.6#

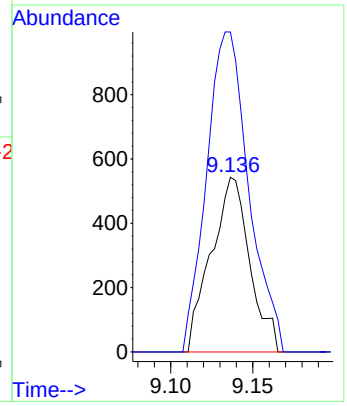


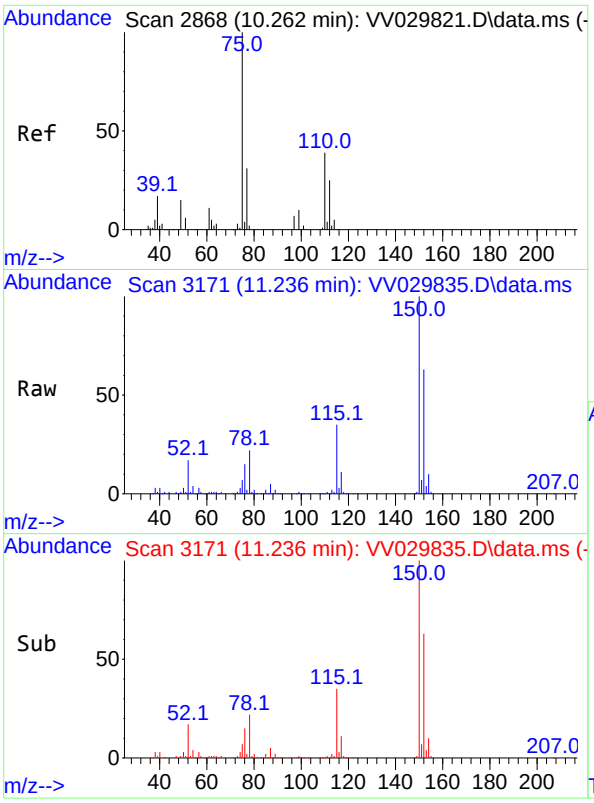


#53
m,p-Xylene
Concen: 0.030 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. 0.006 min
Lab File: VV029835.D
Acq: 14 Jan 2023 02:17

Tgt Ion:106 Resp: 889

Ion	Ratio	Lower	Upper
106	100		
91	183.2	138.7	257.7





#61
1,2,3-Trichloropropane
Concen: 1.554 ug/L
RT: 11.236 min Scan# 3
Delta R.T. 0.974 min
Lab File: VV029835.D
Acq: 14 Jan 2023 02:17

Instrument :
MSVOA_V
ClientSampleId :
BH1X7

Tgt Ion: 75 Resp: 11802

Ion	Ratio	Lower	Upper
75	100		
77	31.0	26.5	39.7
110	2.0	31.8	47.8#