Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011323\
Data File : VV029842.D
Acq On : 14 Jan 2023 05:05
Operator : SY/MD
Sample : 01149-05 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0L55

Quant Time: Jan 14 08:34:24 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	204849	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	201888	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	105507	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	67038	4.315	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 86.200%			
7) Chloroethane-d5	1.564	69	62449	4.849	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.000%			
11) 1,1-Dichloroethene-d2	2.098	63	100909	3.563	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 71.200%			
20) 2-Butanone-d5	3.908	46	132060	47.953	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 95.900%			
24) Chloroform-d	4.336	84	139488	4.894	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.800%			
26) 1,2-Dichloroethane-d4	5.024	65	63731	5.280	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.600%			
32) Benzene-d6	5.040	84	292415	4.883	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.600%			
36) 1,2-Dichloropropane-d6	6.063	67	87842	5.012	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.200%			
41) Toluene-d8	7.307	98	247814	4.470	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.400%			
43) trans-1,3-Dichloroprop...	7.616	79	27727	4.332	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.600%			
46) 2-Hexanone-d5	8.088	63	130968	50.257	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 100.520%			
56) 1,1,2,2-Tetrachloroeth...	10.207	84	65476	5.098	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.000%			
66) 1,2-Dichlorobenzene-d4	11.612	152	94654	4.935	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.600%			
Target Compounds						Qvalue
3) Chloromethane	1.240	50	8184	0.408	ug/L	98
6) Bromomethane	1.519	94	3967	0.414	ug/L	100
16) Methylene chloride	2.500	84	43294	1.992	ug/L	98
17) Methyl tert-butyl Ether	2.764	73	1103	0.036	ug/L #	88
34) Trichloroethene	5.908	95	6916	0.409	ug/L	95
35) Methylcyclohexane	6.059	83	21555	0.755	ug/L #	20
37) 1,2-Dichloropropane	6.063	63	9180	0.587	ug/L #	85
53) m,p-Xylene	9.130	106	1195	0.040	ug/L	83
61) 1,2,3-Trichloropropane	11.236	75	11623	1.488	ug/L #	65

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

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Quant Time: Jan 14 08:34:24 2023
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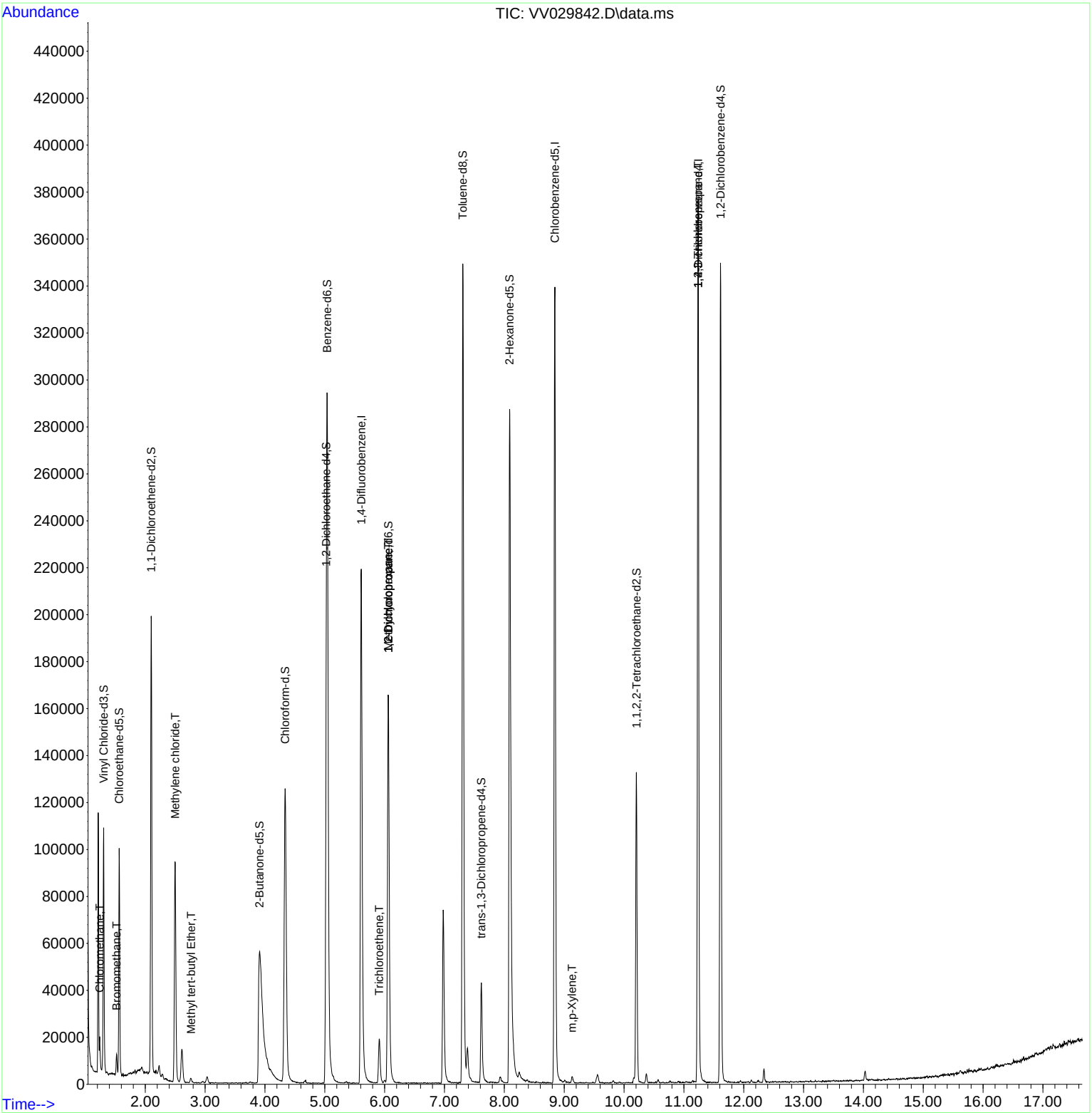
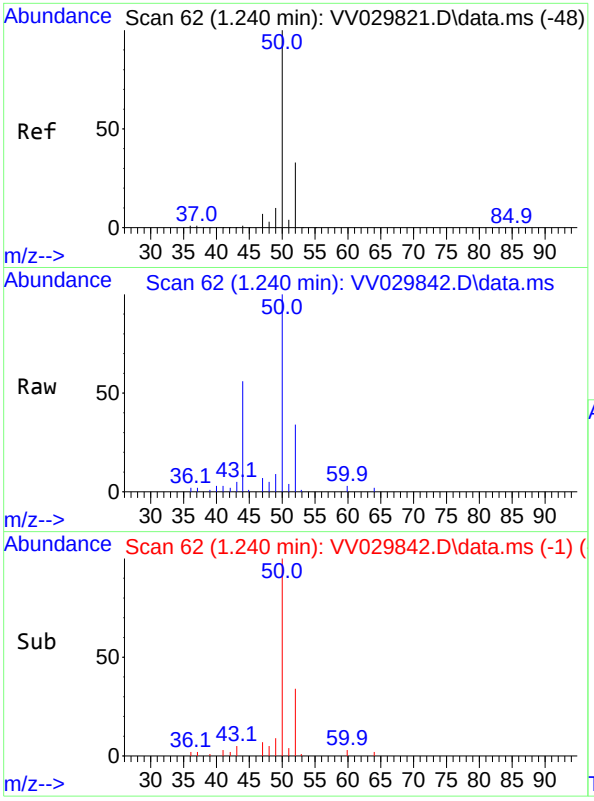
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 12 22:05:54 2023
Response via : Initial Calibration



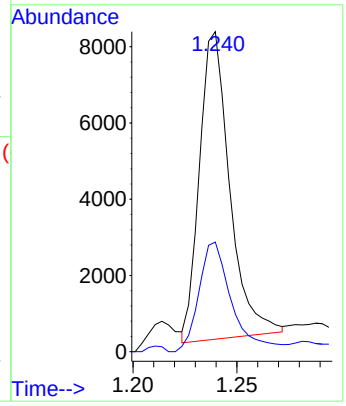


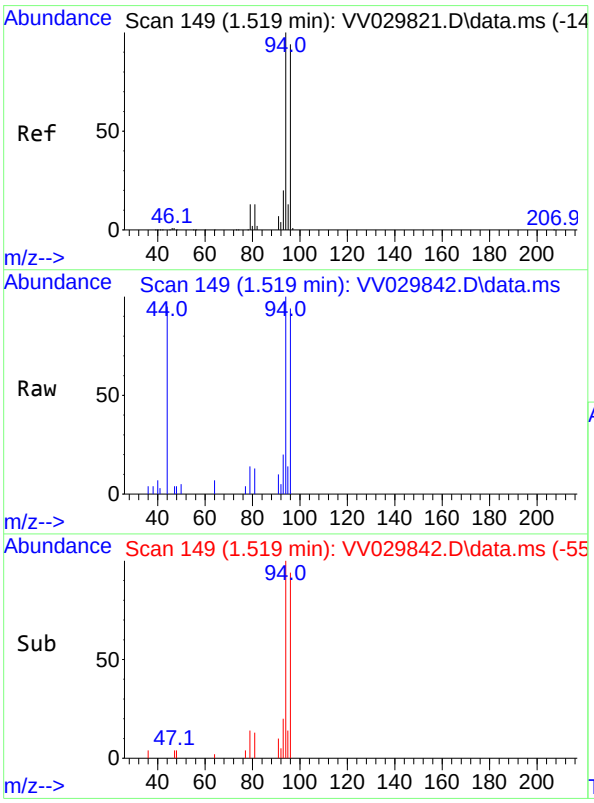
#3
Chloromethane
Concen: 0.408 ug/L
RT: 1.240 min Scan# 6
Delta R.T. 0.003 min
Lab File: VV029842.D
Acq: 14 Jan 2023 05:05

Instrument :
MSVOA_V
ClientSampleId :
C0L55

Tgt Ion: 50 Resp: 8184

Ion	Ratio	Lower	Upper
50	100		
52	34.3	23.1	42.9

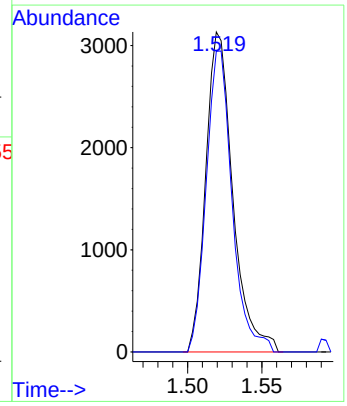


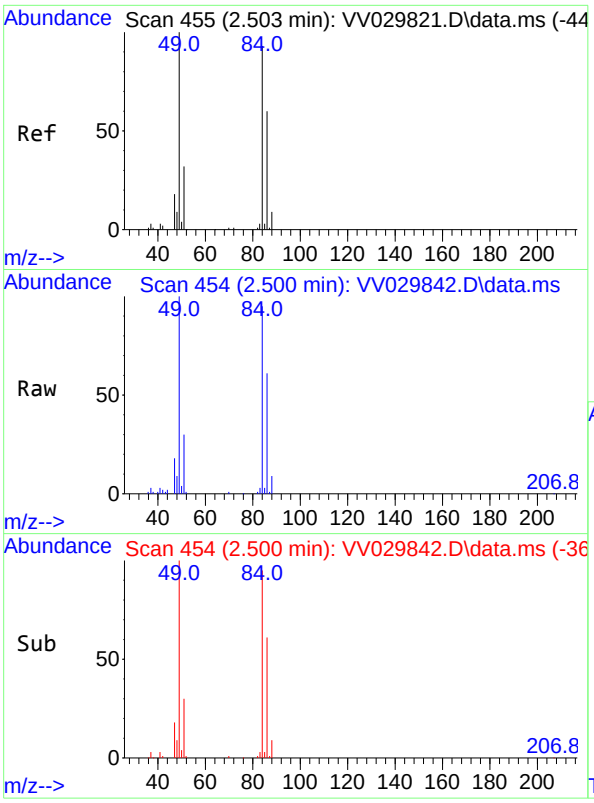


#6
Bromomethane
Concen: 0.414 ug/L
RT: 1.519 min Scan# 149
Delta R.T. 0.003 min
Lab File: VV029842.D
Acq: 14 Jan 2023 05:05

Tgt Ion: 94 Resp: 3967

Ion	Ratio	Lower	Upper
94	100		
96	93.9	65.9	122.5



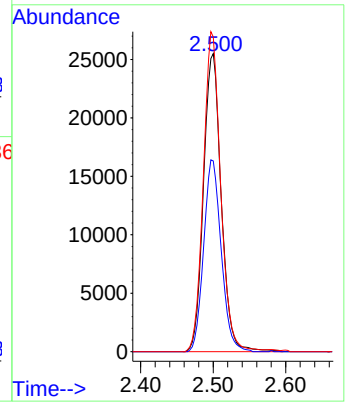


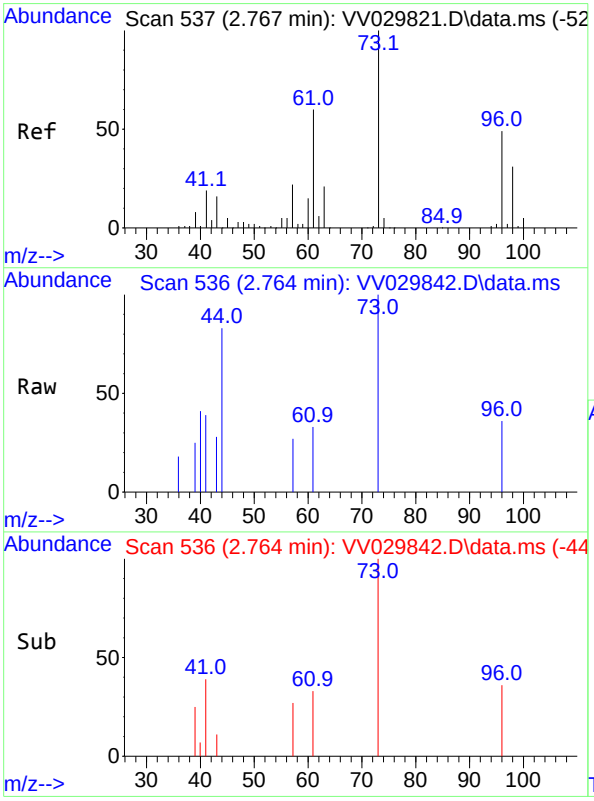
#16
Methylene chloride
Concen: 1.992 ug/L
RT: 2.500 min Scan# 4
Delta R.T. 0.003 min
Lab File: VV029842.D
Acq: 14 Jan 2023 05:05

Instrument :
MSVOA_V
ClientSampleId :
C0L55

Tgt Ion: 84 Resp: 43294

Ion	Ratio	Lower	Upper
84	100		
86	64.0	45.0	83.6
49	105.6	71.5	132.7

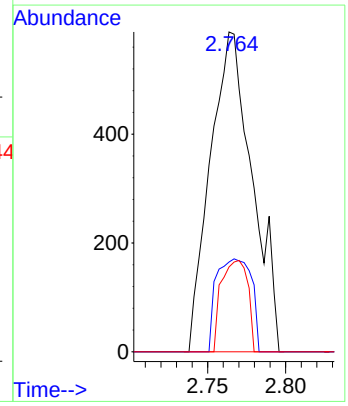


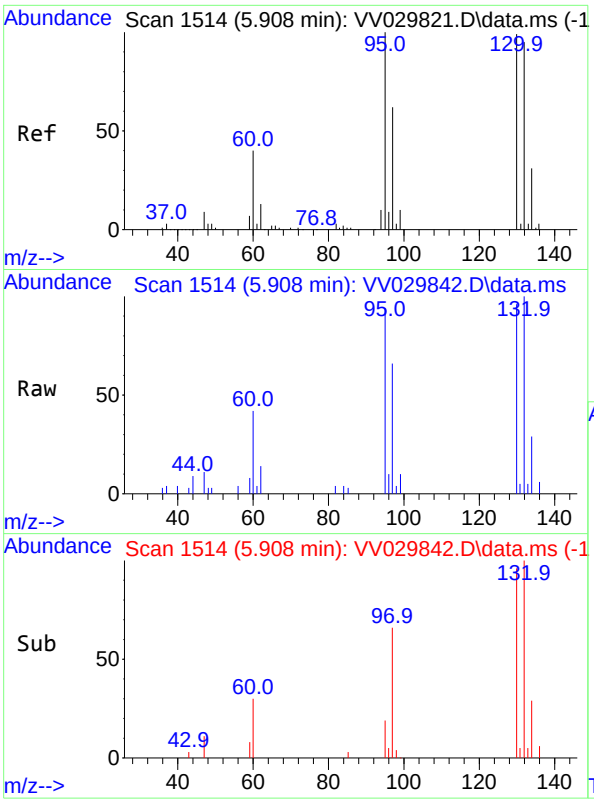


#17
Methyl tert-butyl Ether
Concen: 0.036 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV029842.D
Acq: 14 Jan 2023 05:05

Tgt Ion: 73 Resp: 1103

Ion	Ratio	Lower	Upper
73	100		
43	24.1	13.0	19.4#
57	17.9	17.1	25.7



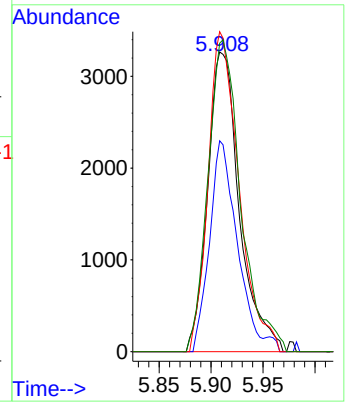


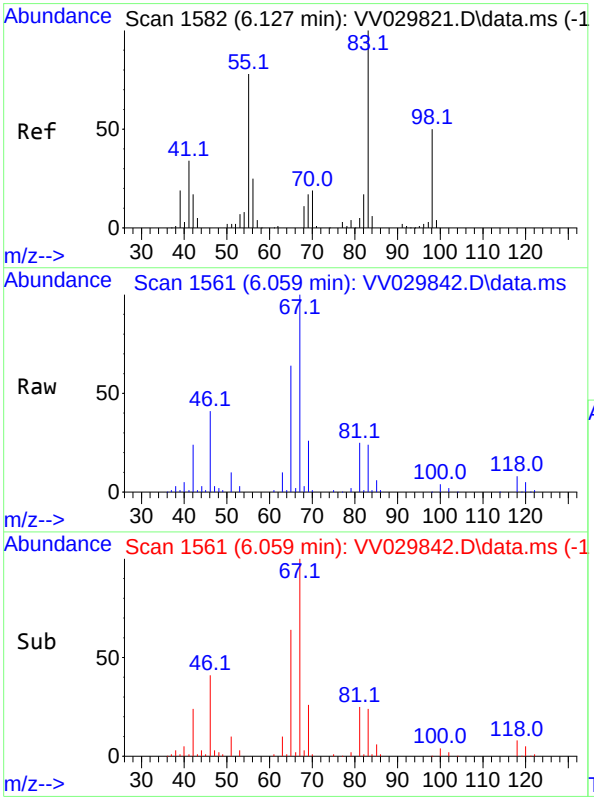
#34
Trichloroethene
Concen: 0.409 ug/L
RT: 5.908 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV029842.D
Acq: 14 Jan 2023 05:05

Instrument :
MSVOA_V
ClientSampleId :
C0L55

Tgt Ion: 95 Resp: 6916

Ion	Ratio	Lower	Upper
95	100		
97	70.4	44.9	83.3
132	106.8	71.8	133.4
130	102.9	75.3	139.8

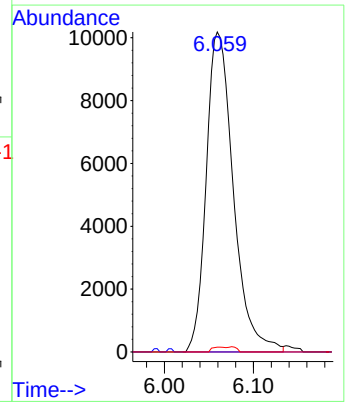


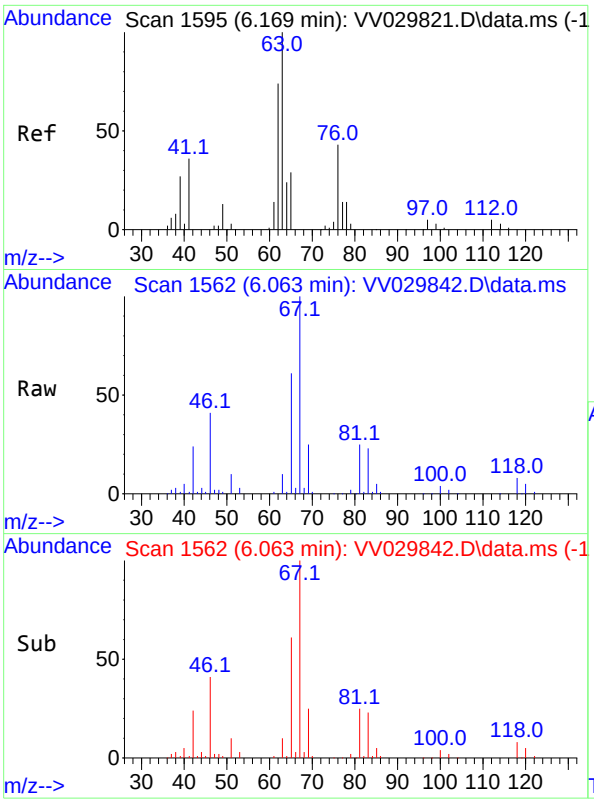


#35
Methylcyclohexane
Concen: 0.755 ug/L
RT: 6.059 min Scan# 1561
Delta R.T. -0.061 min
Lab File: VV029842.D
Acq: 14 Jan 2023 05:05

Tgt Ion: 83 Resp: 21555

Ion	Ratio	Lower	Upper
83	100		
55	0.2	57.3	85.9#
98	0.8	39.0	58.6#



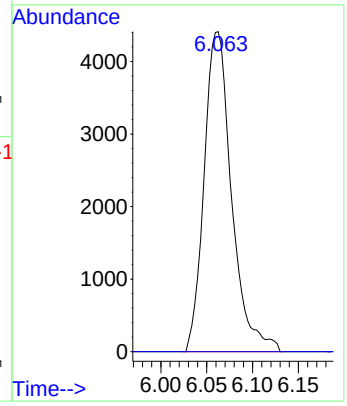


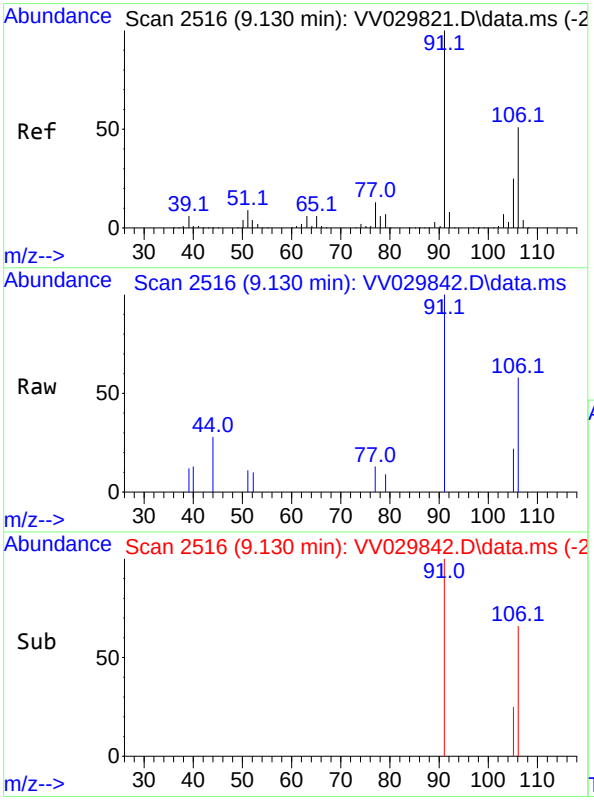
#37
1,2-Dichloropropane
Concen: 0.587 ug/L
RT: 6.063 min Scan# 1
Delta R.T. -0.100 min
Lab File: VV029842.D
Acq: 14 Jan 2023 05:05

Instrument :
MSVOA_V
ClientSampleId :
C0L55

Tgt Ion: 63 Resp: 9180

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.9	5.9#

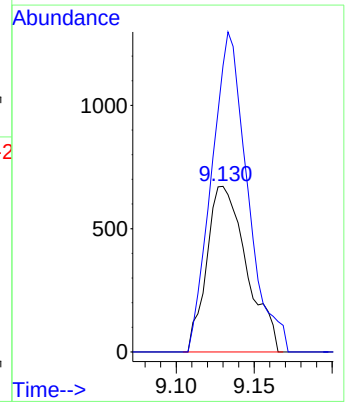


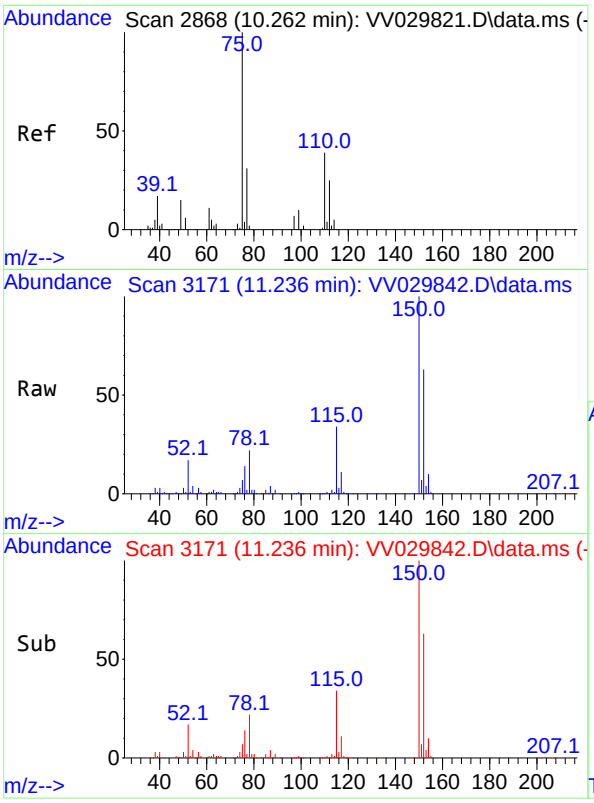


#53
m,p-Xylene
Concen: 0.040 ug/L
RT: 9.130 min Scan# 2516
Delta R.T. -0.000 min
Lab File: VV029842.D
Acq: 14 Jan 2023 05:05

Tgt Ion:106 Resp: 1195

Ion	Ratio	Lower	Upper
106	100		
91	172.9	138.7	257.7





#61
1,2,3-Trichloropropane
Concen: 1.488 ug/L
RT: 11.236 min Scan# 3
Delta R.T. 0.974 min
Lab File: VV029842.D
Acq: 14 Jan 2023 05:05

Instrument :
MSVOA_V
ClientSampleId :
C0L55

Tgt Ion: 75 Resp: 11623

Ion	Ratio	Lower	Upper
75	100		
77	30.9	26.5	39.7
110	2.1	31.8	47.8#