Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011323\
Data File : VV029841.D
Acq On : 14 Jan 2023 04:41
Operator : SY/MD
Sample : 01149-04 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0L54

Quant Time: Jan 14 08:34:14 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	198642	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	193120	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	103154	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	67287	4.466	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 89.400%			
7) Chloroethane-d5	1.564	69	61780	4.947	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 99.000%			
11) 1,1-Dichloroethene-d2	2.098	63	100906	3.674	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 73.400%			
20) 2-Butanone-d5	3.902	46	145832	54.609	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 109.220%			
24) Chloroform-d	4.336	84	141609	5.124	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.400%			
26) 1,2-Dichloroethane-d4	5.024	65	62843	5.369	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 107.400%			
32) Benzene-d6	5.040	84	292141	5.100	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.000%			
36) 1,2-Dichloropropane-d6	6.059	67	88838	5.299	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 106.000%			
41) Toluene-d8	7.307	98	251921	4.750	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.000%			
43) trans-1,3-Dichloroprop...	7.616	79	28462	4.648	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 93.000%			
46) 2-Hexanone-d5	8.088	63	132630	53.206	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 106.420%			
56) 1,1,2,2-Tetrachloroeth...	10.207	84	68215	5.552	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 111.000%			
66) 1,2-Dichlorobenzene-d4	11.612	152	95873	5.112	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.200%			
Target Compounds						Qvalue
3) Chloromethane	1.240	50	7813	0.402	ug/L	97
6) Bromomethane	1.519	94	3319	0.357	ug/L	99
12) 1,1-Dichloroethene	2.101	96	1426	0.084	ug/L #	1
16) Methylene chloride	2.497	84	40191	1.907	ug/L	96
17) Methyl tert-butyl Ether	2.764	73	1945	0.066	ug/L #	86
18) trans-1,2-Dichloroethene	2.754	96	637	0.040	ug/L	84
22) cis-1,2-Dichloroethene	3.905	96	4965	0.296	ug/L	92
27) 1,2-Dichloroethane	5.040	62	1339	0.096	ug/L #	87
34) Trichloroethene	5.905	95	54600	3.374	ug/L	98
35) Methylcyclohexane	6.059	83	21964	0.804	ug/L #	21
37) 1,2-Dichloropropane	6.059	63	8997	0.602	ug/L #	85
53) m,p-Xylene	9.136	106	912	0.032	ug/L	94
61) 1,2,3-Trichloropropane	11.236	75	10983	1.438	ug/L #	66

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

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Instrument :
MSVOA_V
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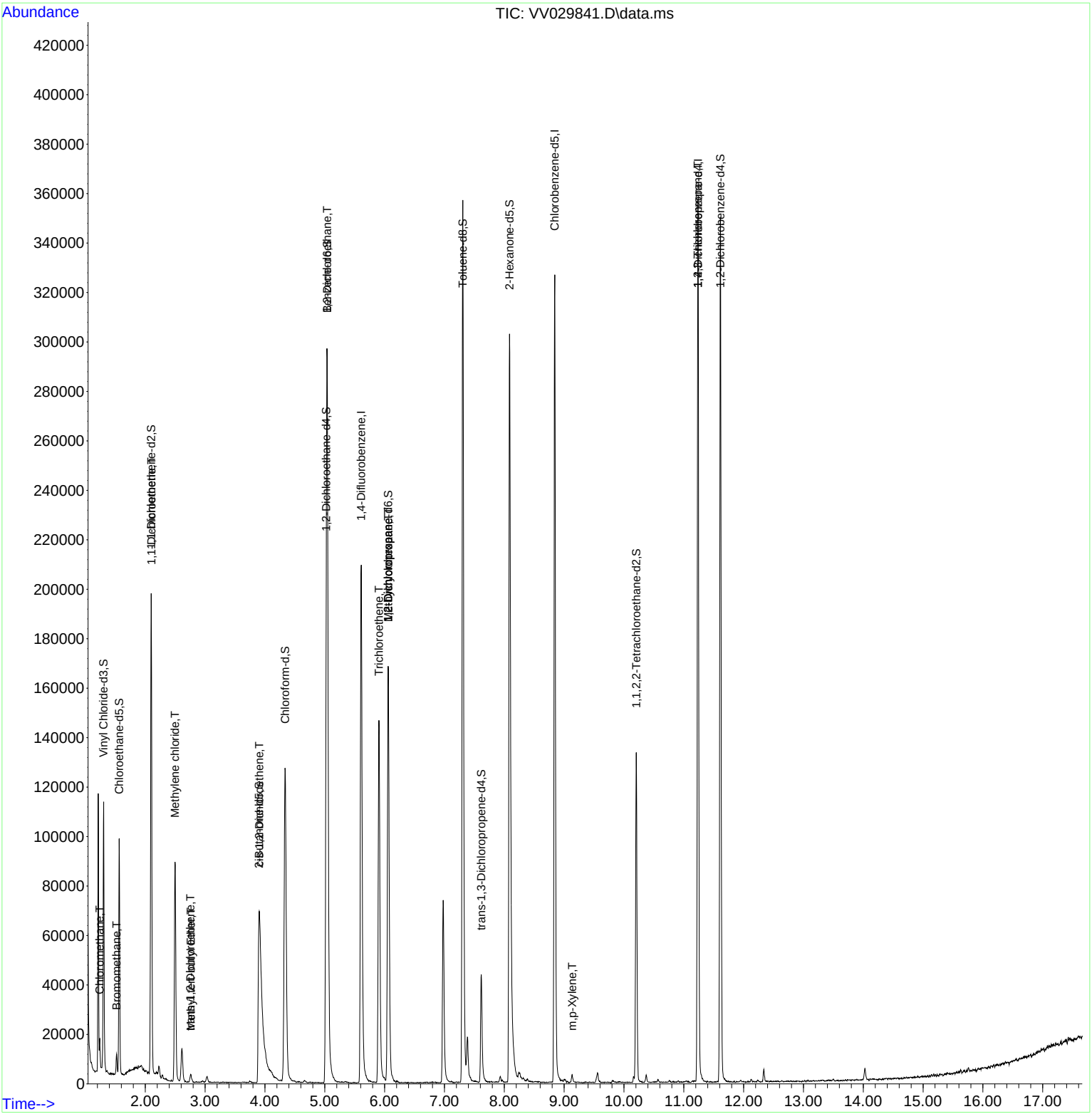
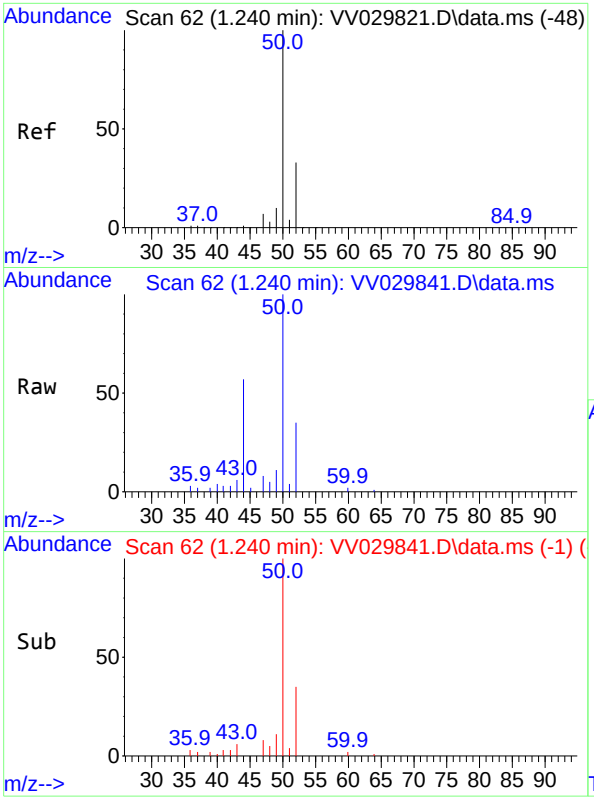
C0L54

Quant Time: Jan 14 08:34:14 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



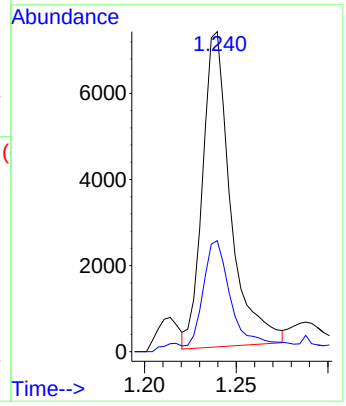


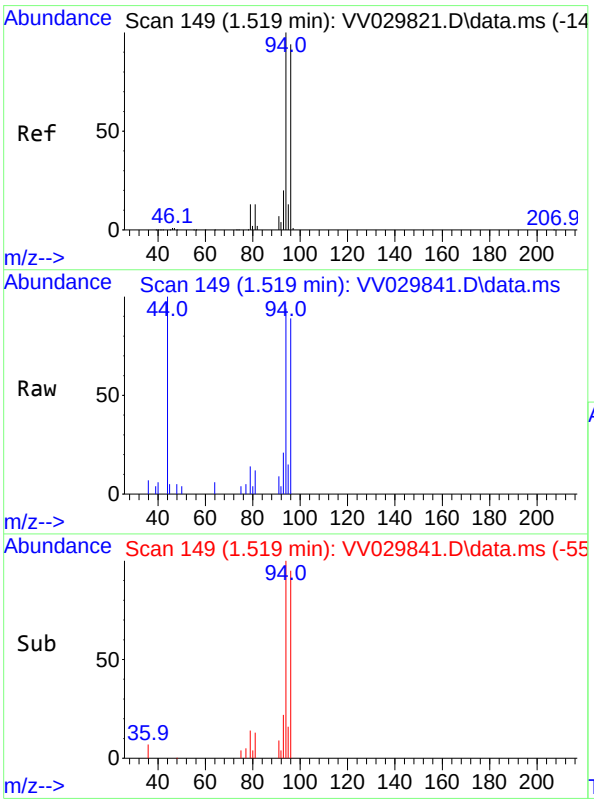
#3
Chloromethane
Concen: 0.402 ug/L
RT: 1.240 min Scan# 6
Delta R.T. 0.003 min
Lab File: VV029841.D
Acq: 14 Jan 2023 04:41

Instrument :
MSVOA_V
ClientSampleId :
C0L54

Tgt Ion: 50 Resp: 7813

Ion	Ratio	Lower	Upper
50	100		
52	34.7	23.1	42.9

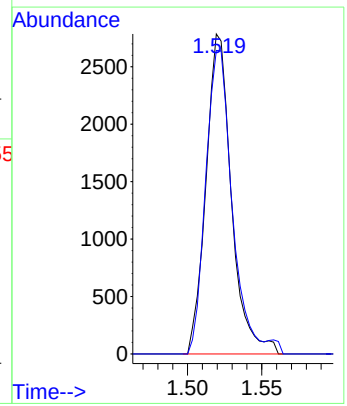


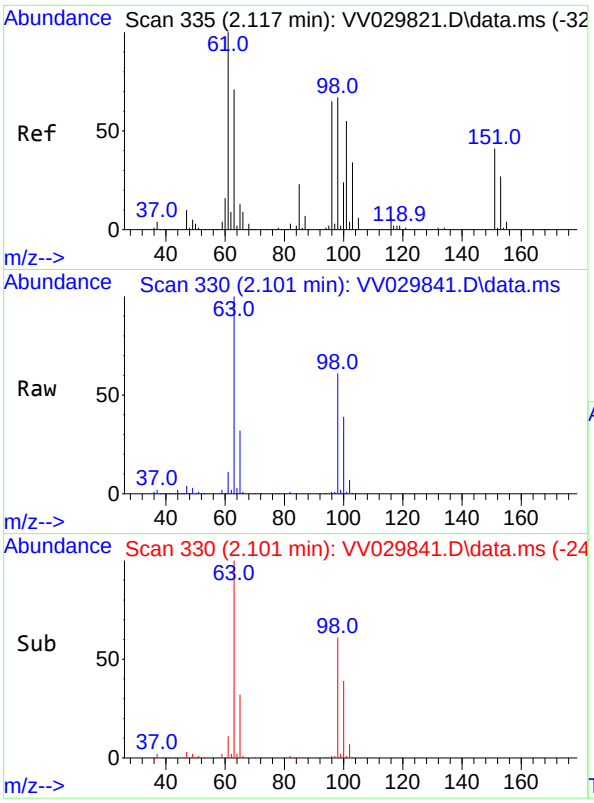


#6
Bromomethane
Concen: 0.357 ug/L
RT: 1.519 min Scan# 149
Delta R.T. 0.003 min
Lab File: VV029841.D
Acq: 14 Jan 2023 04:41

Tgt Ion: 94 Resp: 3319

Ion	Ratio	Lower	Upper
94	100		
96	94.9	65.9	122.5



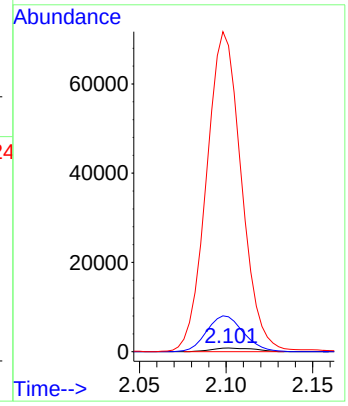


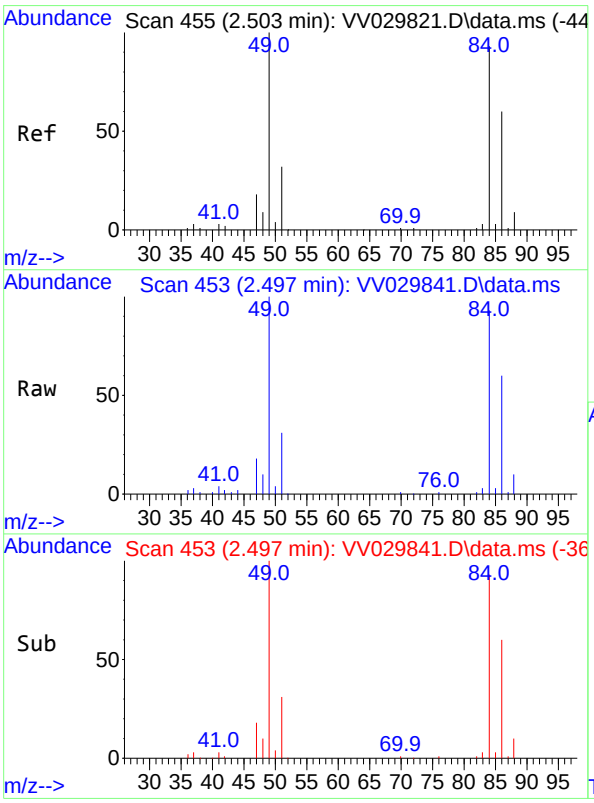
#12
1,1-Dichloroethene
Concen: 0.084 ug/L
RT: 2.101 min Scan# 3
Delta R.T. -0.010 min
Lab File: VV029841.D
Acq: 14 Jan 2023 04:41

Instrument :
MSVOA_V
ClientSampleId :
C0L54

Tgt Ion: 96 Resp: 1426

Ion	Ratio	Lower	Upper
96	100		
61	930.4	106.1	197.1#
63	8148.2	76.4	141.8#

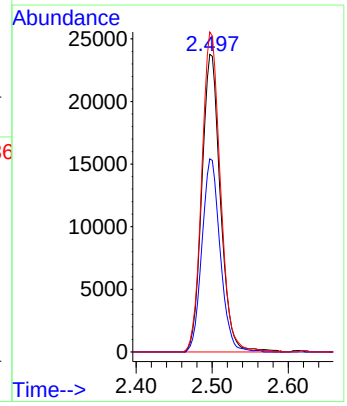


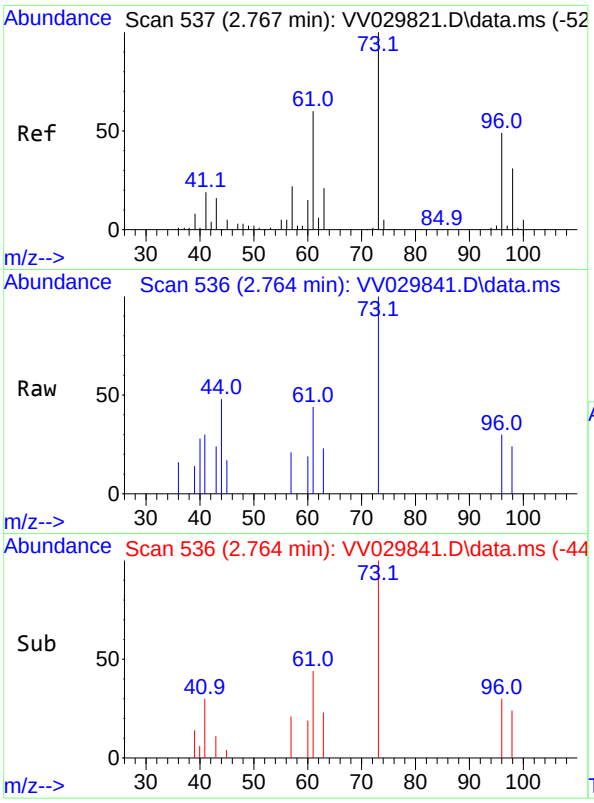


#16
Methylene chloride
Concen: 1.907 ug/L
RT: 2.497 min Scan# 453
Delta R.T. -0.000 min
Lab File: VV029841.D
Acq: 14 Jan 2023 04:41

Tgt Ion: 84 Resp: 40191

Ion	Ratio	Lower	Upper
84	100		
86	64.9	45.0	83.6
49	107.5	71.5	132.7



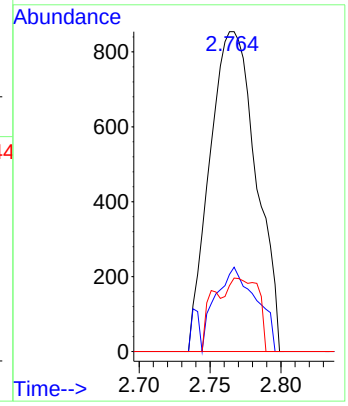


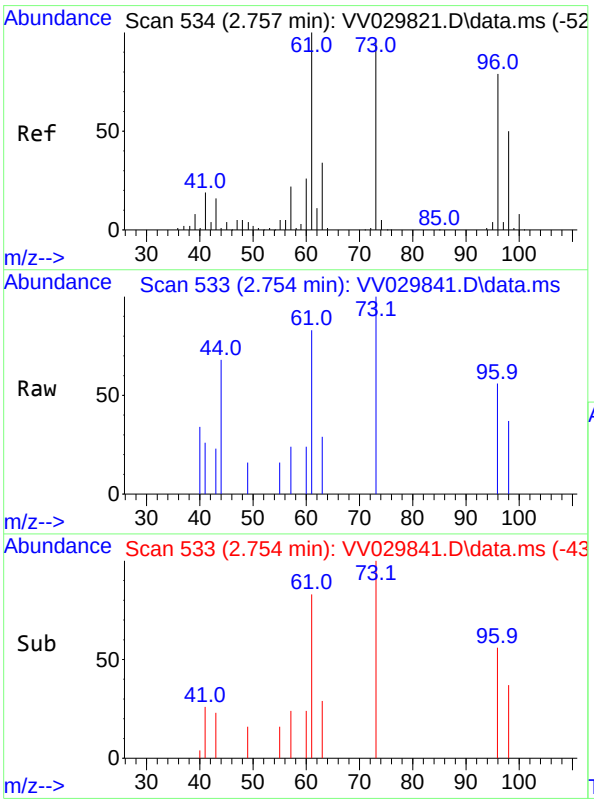
#17
Methyl tert-butyl Ether
Concen: 0.066 ug/L
RT: 2.764 min Scan# 5
Delta R.T. 0.003 min
Lab File: VV029841.D
Acq: 14 Jan 2023 04:41

Instrument :
MSVOA_V
ClientSampleId :
C0L54

Tgt Ion: 73 Resp: 1945

Ion	Ratio	Lower	Upper
73	100		
43	23.1	13.0	19.4#
57	15.8	17.1	25.7#

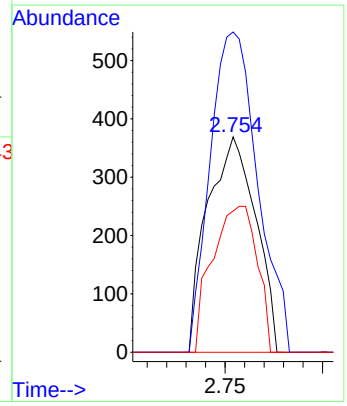


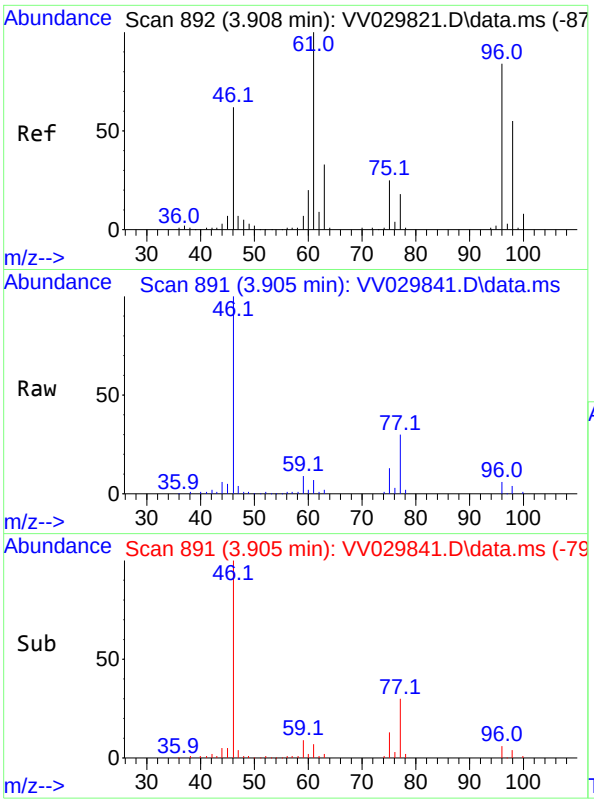


#18
trans-1,2-Dichloroethene
Concen: 0.040 ug/L
RT: 2.754 min Scan# 533
Delta R.T. 0.003 min
Lab File: VV029841.D
Acq: 14 Jan 2023 04:41

Tgt Ion: 96 Resp: 637

Ion	Ratio	Lower	Upper
96	100		
61	148.8	86.1	159.9
98	65.6	43.9	81.5



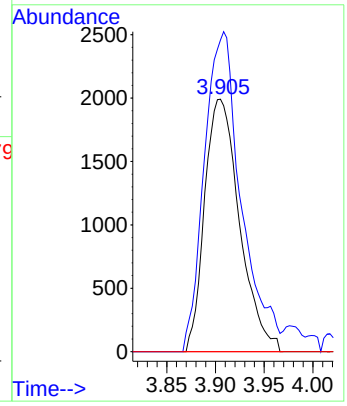


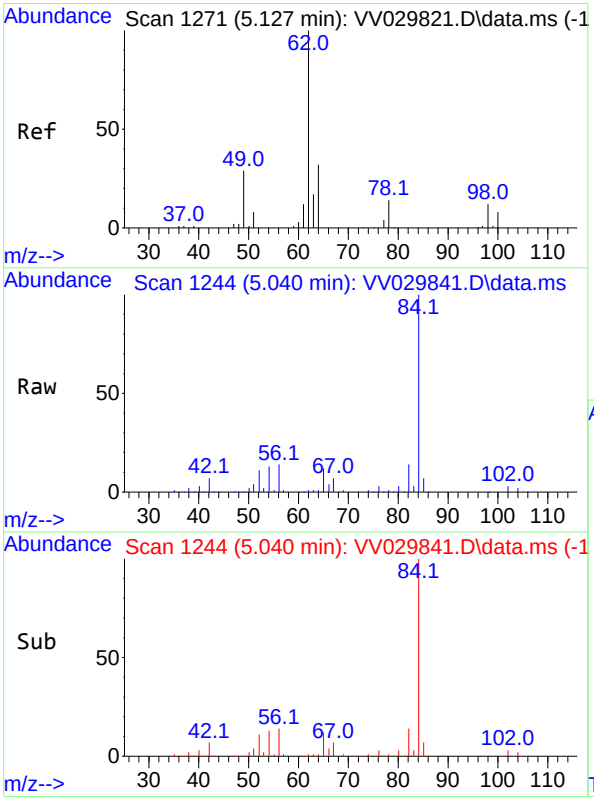
#22
cis-1,2-Dichloroethene
Concen: 0.296 ug/L
RT: 3.905 min Scan# 8
Delta R.T. 0.006 min
Lab File: VV029841.D
Acq: 14 Jan 2023 04:41

Instrument :
MSVOA_V
ClientSampleId :
C0L54

Tgt Ion: 96 Resp: 4965

Ion	Ratio	Lower	Upper
96	100		
61	123.5	80.0	148.6
68	0.0	0.0	0.0

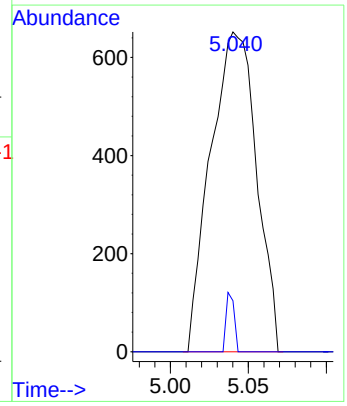


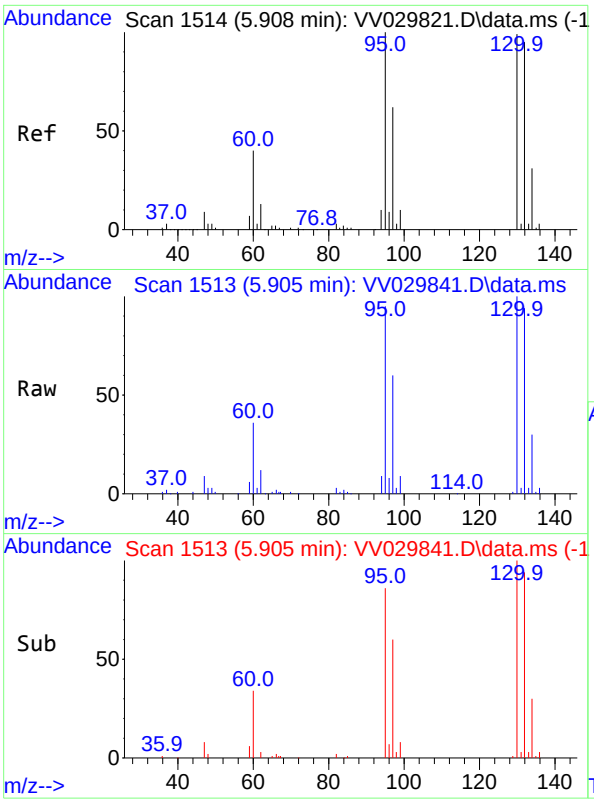


#27
1,2-Dichloroethane
Concen: 0.096 ug/L
RT: 5.040 min Scan# 1244
Delta R.T. -0.081 min
Lab File: VV029841.D
Acq: 14 Jan 2023 04:41

Tgt Ion: 62 Resp: 1339

Ion	Ratio	Lower	Upper
62	100		
98	16.0	8.9	13.3#



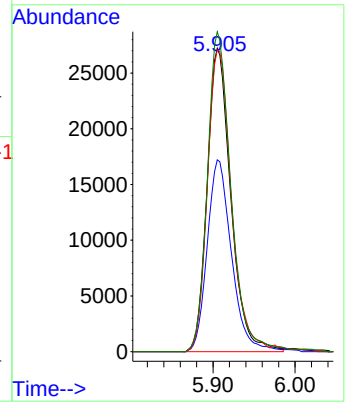


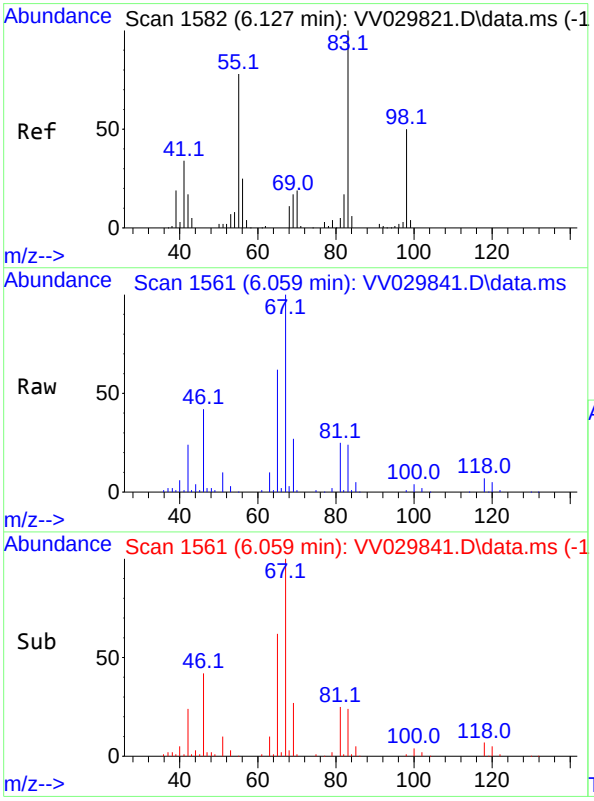
#34
Trichloroethene
Concen: 3.374 ug/L
RT: 5.905 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV029841.D
Acq: 14 Jan 2023 04:41

Instrument :
MSVOA_V
ClientSampleId :
C0L54

Tgt Ion: 95 Resp: 54600

Ion	Ratio	Lower	Upper
95	100		
97	63.2	44.9	83.3
132	99.4	71.8	133.4
130	105.4	75.3	139.8

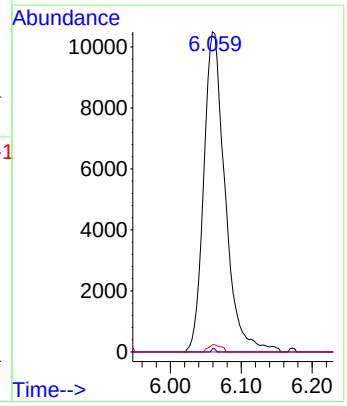


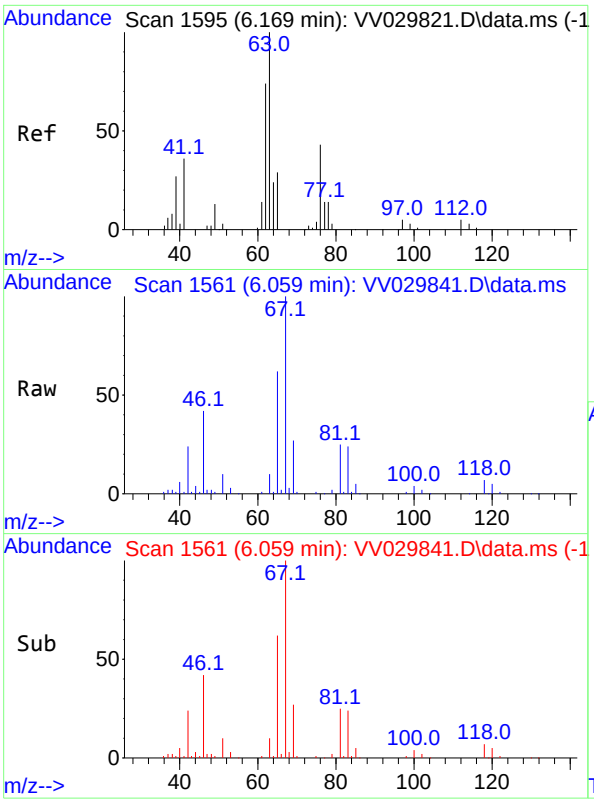


#35
Methylcyclohexane
Concen: 0.804 ug/L
RT: 6.059 min Scan# 1561
Delta R.T. -0.061 min
Lab File: VV029841.D
Acq: 14 Jan 2023 04:41

Tgt Ion: 83 Resp: 21964

Ion	Ratio	Lower	Upper
83	100		
55	0.2	57.3	85.9#
98	1.4	39.0	58.6#



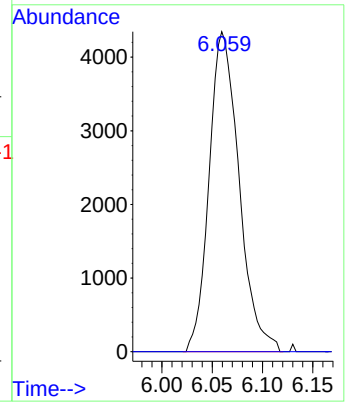


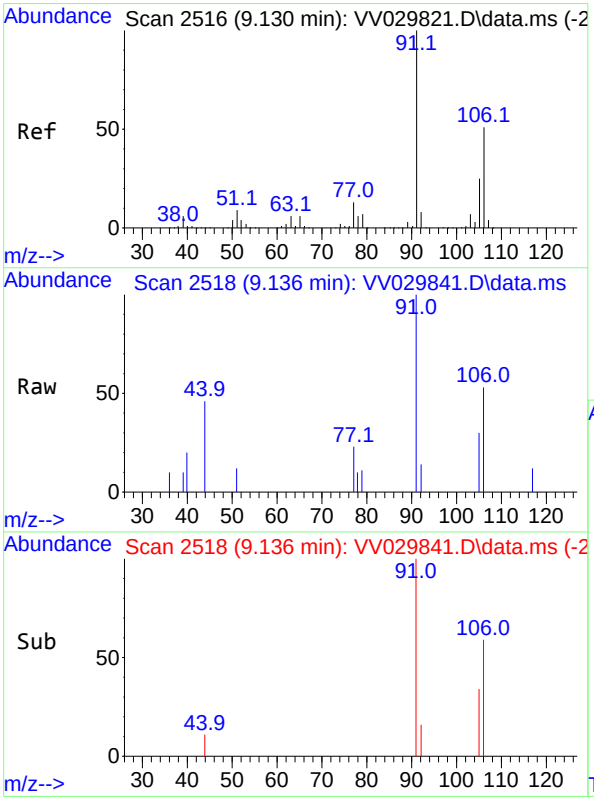
#37
1,2-Dichloropropane
Concen: 0.602 ug/L
RT: 6.059 min Scan# 1
Delta R.T. -0.103 min
Lab File: VV029841.D
Acq: 14 Jan 2023 04:41

Instrument :
MSVOA_V
ClientSampleId :
C0L54

Tgt Ion: 63 Resp: 8997

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.9	5.9#

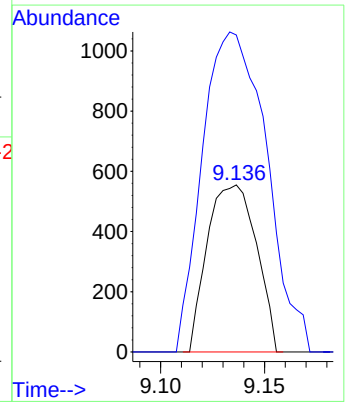


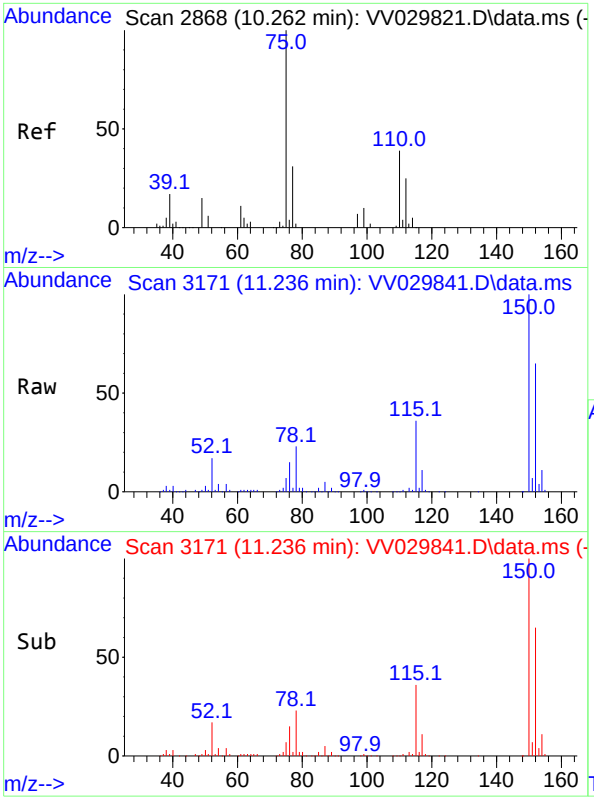


#53
m,p-Xylene
Concen: 0.032 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. 0.006 min
Lab File: VV029841.D
Acq: 14 Jan 2023 04:41

Tgt Ion:106 Resp: 912

Ion	Ratio	Lower	Upper
106	100		
91	189.7	138.7	257.7





#61
1,2,3-Trichloropropane
Concen: 1.438 ug/L
RT: 11.236 min Scan# 3
Delta R.T. 0.974 min
Lab File: VV029841.D
Acq: 14 Jan 2023 04:41

Instrument :
MSVOA_V
ClientSampleId :
C0L54

Tgt Ion: 75 Resp: 10983

Ion	Ratio	Lower	Upper
75	100		
77	33.6	26.5	39.7
110	2.0	31.8	47.8#