Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061622\
Data File : VV026364.D
Acq On : 17 Jun 2022 04:03
Operator : SY/MD
Sample : N3318-06 10X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BGJ60

Quant Time: Jun 17 07:23:02 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jun 17 06:57:04 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	192791	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	184491	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	74435	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	62283	3.719	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 74.400%			
7) Chloroethane-d5	1.584	69	55073	4.183	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 83.600%			
11) 1,1-Dichloroethene-d2	2.121	63	89756	3.121	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 62.400%			
20) 2-Butanone-d5	3.928	46	70444	43.113	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 86.220%			
24) Chloroform-d	4.362	84	118614	4.833	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.600%			
26) 1,2-Dichloroethane-d4	5.047	65	48309	4.652	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.000%			
32) Benzene-d6	5.059	84	224697	4.556	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.200%			
36) 1,2-Dichloropropane-d6	6.075	67	68237	4.740	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.800%			
41) Toluene-d8	7.320	98	177543	3.948	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 79.000%			
43) trans-1,3-Dichloroprop...	7.628	79	13351	2.860	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 57.200%			
46) 2-Hexanone-d5	8.095	63	54333	38.532	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 77.060%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	41364	4.664	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.200%			
66) 1,2-Dichlorobenzene-d4	11.625	152	56475	4.926	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.600%			
Target Compounds						Qvalue
3) Chloromethane	1.256	50	622	0.039	ug/L	83
5) Vinyl chloride	1.326	62	31755	1.908	ug/L #	63
6) Bromomethane	1.542	94	385	0.041	ug/L	91
8) Chloroethane	1.568	64	43777	4.237	ug/L #	49
12) 1,1-Dichloroethene	2.134	96	3192	0.262	ug/L #	1
16) Methylene chloride	2.526	84	4733	0.305	ug/L	98
17) Methyl tert-butyl Ether	2.793	73	1354	0.065	ug/L #	90
18) trans-1,2-Dichloroethene	2.780	96	1401	0.119	ug/L	82
19) 1,1-Dichloroethane	3.207	63	16624	0.738	ug/L	95
22) cis-1,2-Dichloroethene	3.928	96	19881	1.663	ug/L	99
35) Methylcyclohexane	6.075	83	16207	0.907	ug/L #	19
37) 1,2-Dichloropropane	6.079	63	7018	0.567	ug/L #	88
61) 1,2,3-Trichloropropane	11.246	75	8326	1.724	ug/L #	66

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

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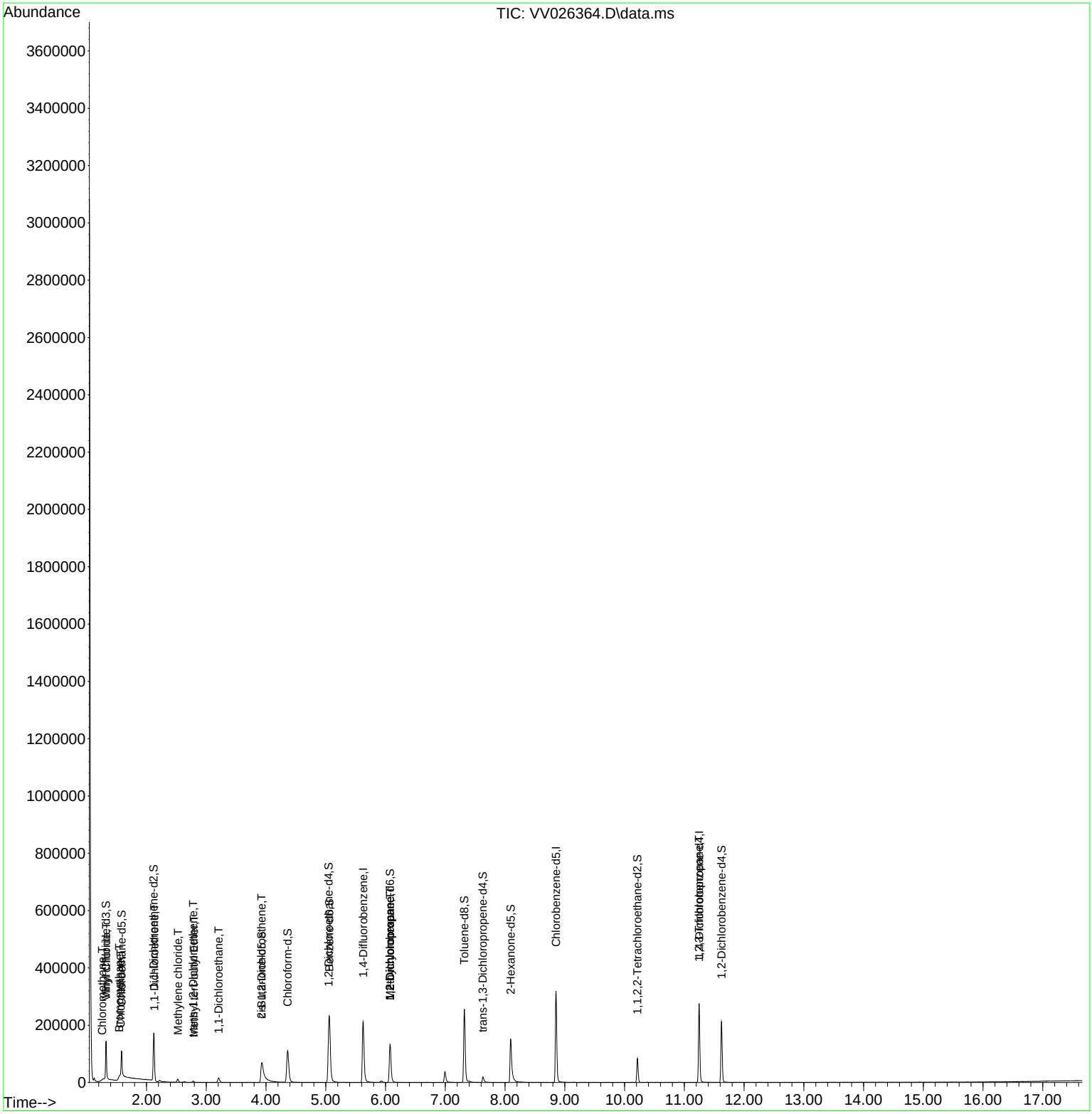
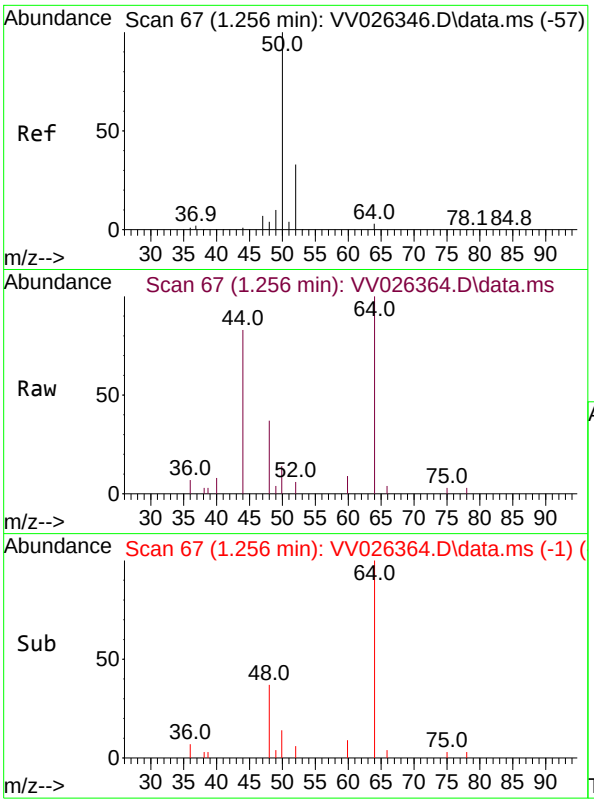
BGJ60

Quant Time: Jun 17 07:23:02 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jun 17 06:57:04 2022
Response via : Initial Calibration



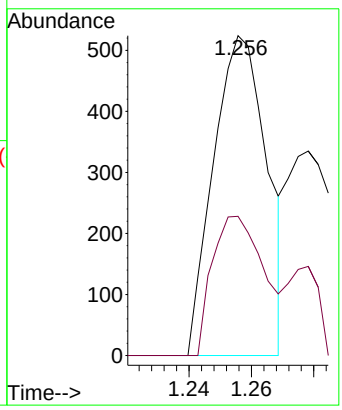


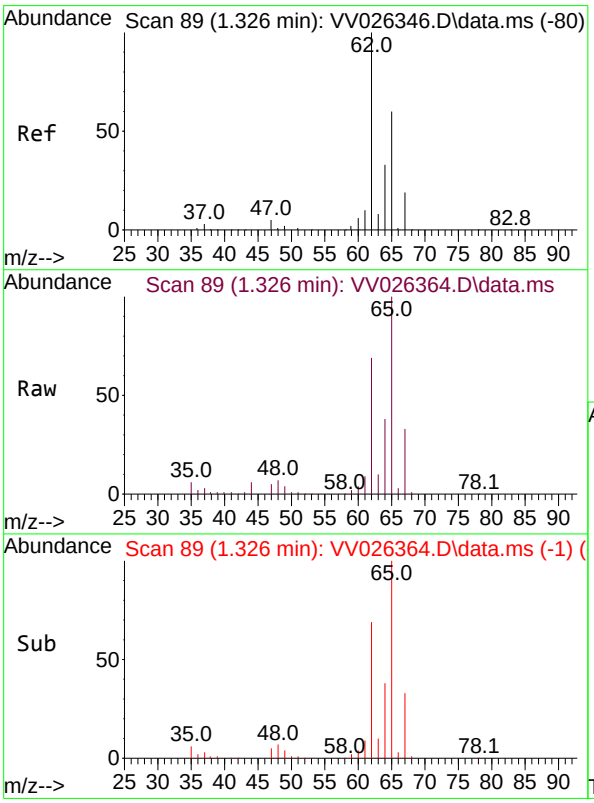
#3
Chloromethane
Concen: 0.039 ug/L
RT: 1.256 min Scan# 6
Delta R.T. 0.000 min
Lab File: VV026364.D
Acq: 17 Jun 2022 04:03

Instrument :
MSVOA_V
ClientSampleId :
BGJ60

Tgt Ion: 50 Resp: 622

Ion	Ratio	Lower	Upper
50	100		
52	43.5	23.7	44.1

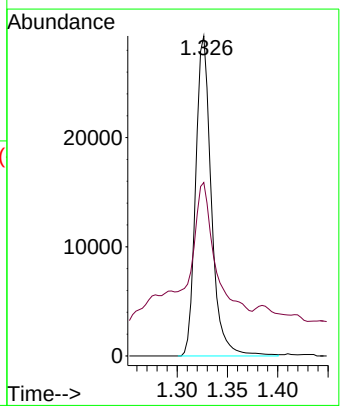


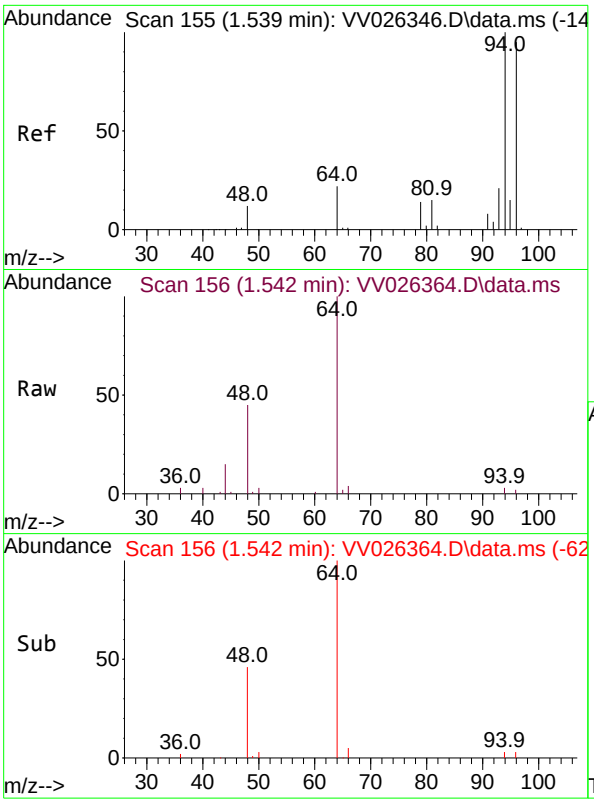


#5
Vinyl chloride
Concen: 1.908 ug/L
RT: 1.326 min Scan# 89
Delta R.T. 0.000 min
Lab File: VV026364.D
Acq: 17 Jun 2022 04:03

Tgt Ion: 62 Resp: 31755

Ion	Ratio	Lower	Upper
62	100		
64	54.2	23.2	43.2#



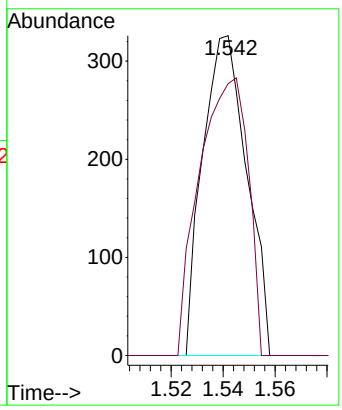


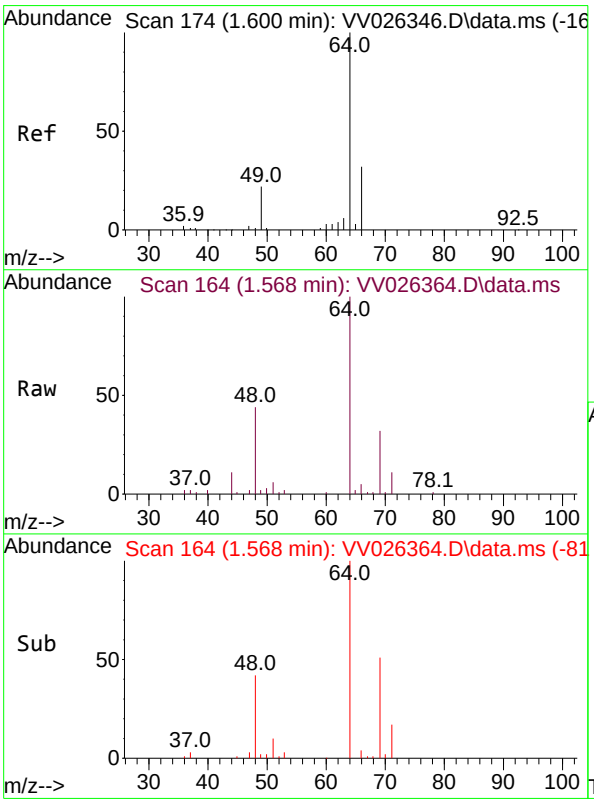
#6
Bromomethane
Concen: 0.041 ug/L
RT: 1.542 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV026364.D
Acq: 17 Jun 2022 04:03

Instrument :
MSVOA_V
ClientSampleId :
BGJ60

Tgt Ion: 94 Resp: 385

Ion	Ratio	Lower	Upper
94	100		
96	85.0	65.7	121.9

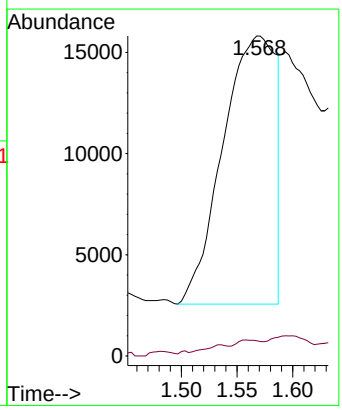


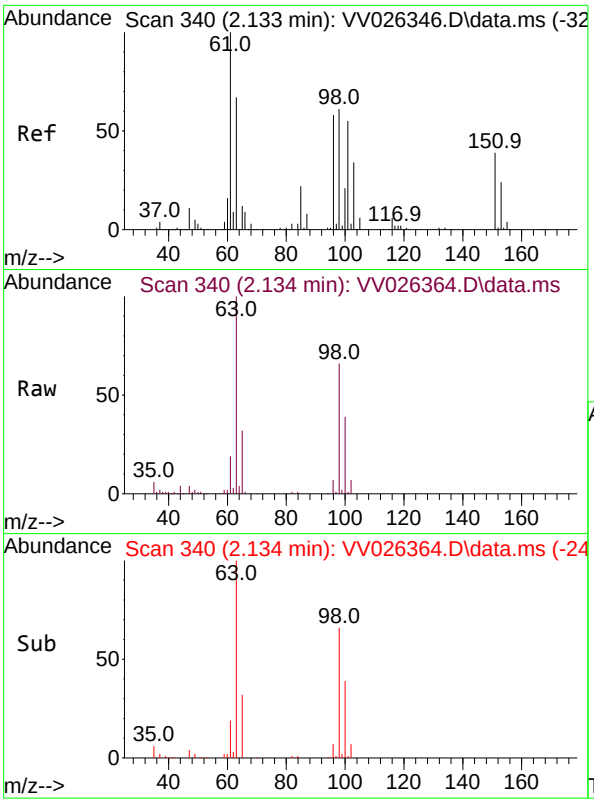


#8
Chloroethane
Concen: 4.237 ug/L
RT: 1.568 min Scan# 164
Delta R.T. -0.032 min
Lab File: VV026364.D
Acq: 17 Jun 2022 04:03

Tgt Ion: 64 Resp: 43777

Ion	Ratio	Lower	Upper
64	100		
66	4.7	24.1	44.7#



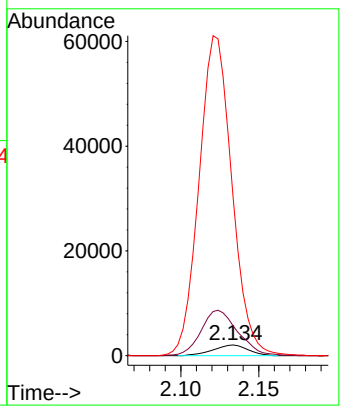


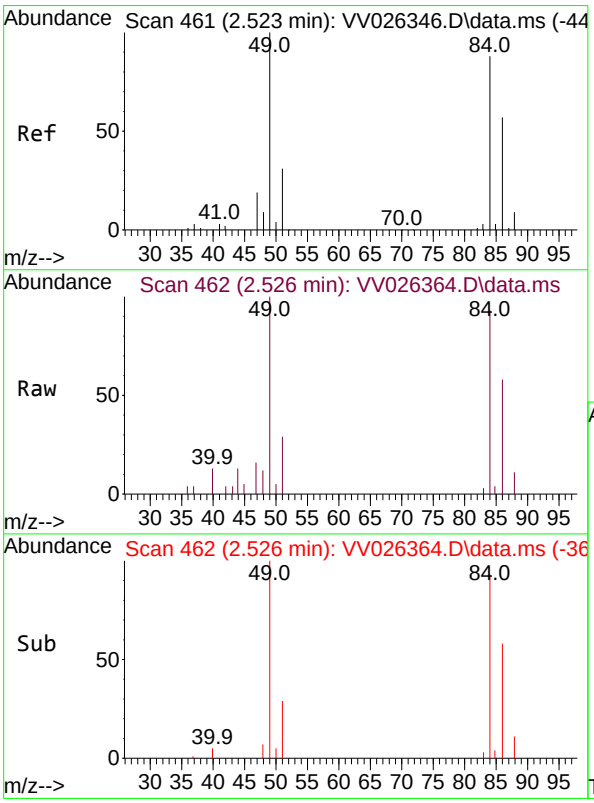
#12
1,1-Dichloroethene
Concen: 0.262 ug/L
RT: 2.134 min Scan# 34
Delta R.T. 0.000 min
Lab File: VV026364.D
Acq: 17 Jun 2022 04:03

Instrument :
MSVOA_V
ClientSampleId :
BGJ60

Tgt Ion: 96 Resp: 3192

Ion	Ratio	Lower	Upper
96	100		
61	278.3	117.1	217.5#
63	1471.3	92.8	172.4#

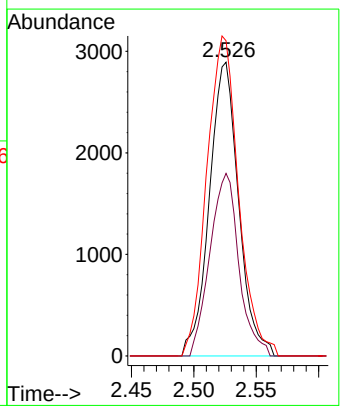


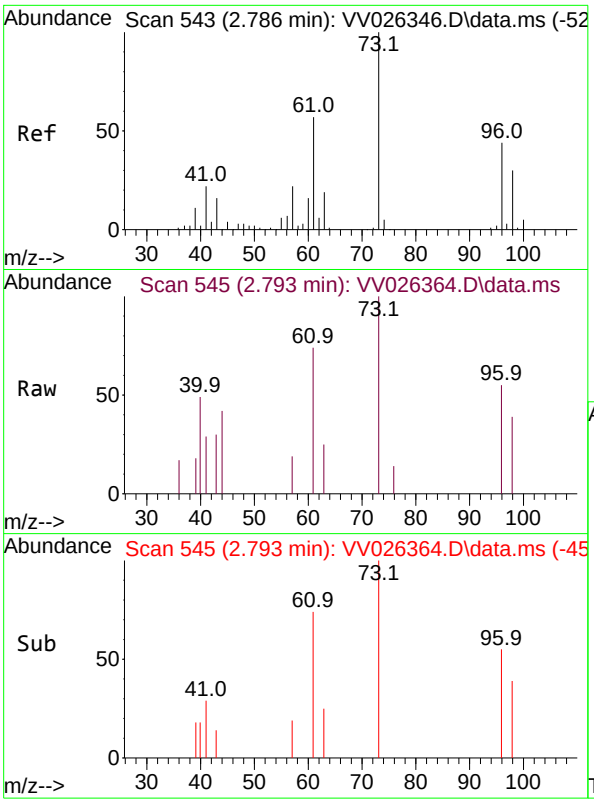


#16
Methylene chloride
Concen: 0.305 ug/L
RT: 2.526 min Scan# 462
Delta R.T. 0.003 min
Lab File: VV026364.D
Acq: 17 Jun 2022 04:03

Tgt Ion: 84 Resp: 4733

Ion	Ratio	Lower	Upper
84	100		
86	62.1	44.0	81.8
49	107.3	77.3	143.7



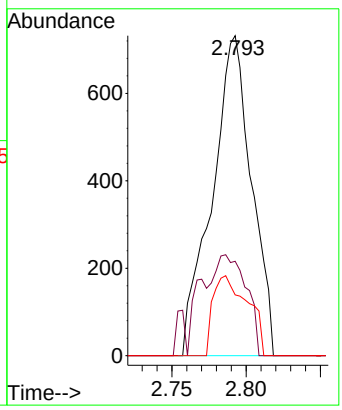


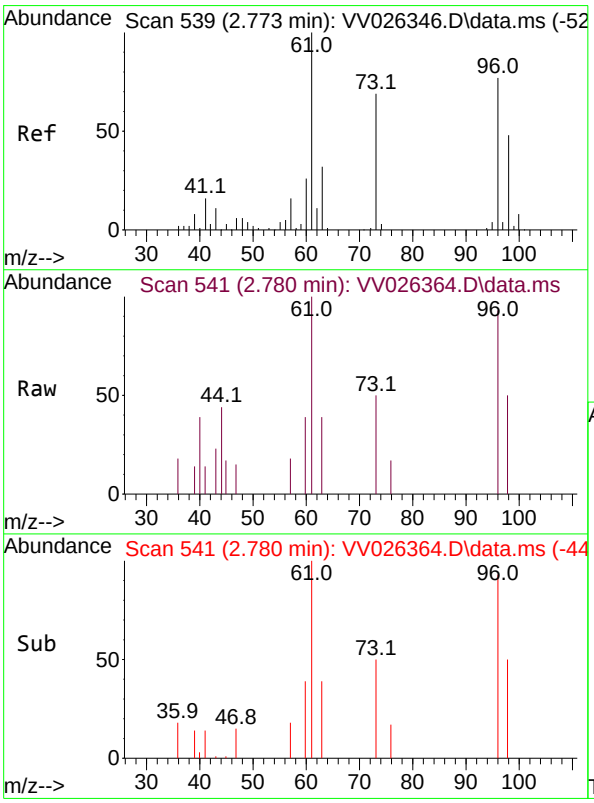
#17
Methyl tert-butyl Ether
Concen: 0.065 ug/L
RT: 2.793 min Scan# 54
Delta R.T. 0.006 min
Lab File: VV026364.D
Acq: 17 Jun 2022 04:03

Instrument :
MSVOA_V
ClientSampleId :
BGJ60

Tgt Ion: 73 Resp: 1354

Ion	Ratio	Lower	Upper
73	100		
43	26.6	13.0	19.6#
57	21.9	17.6	26.4

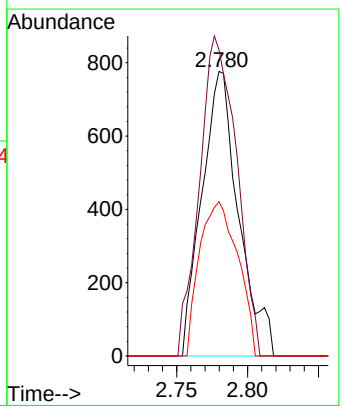


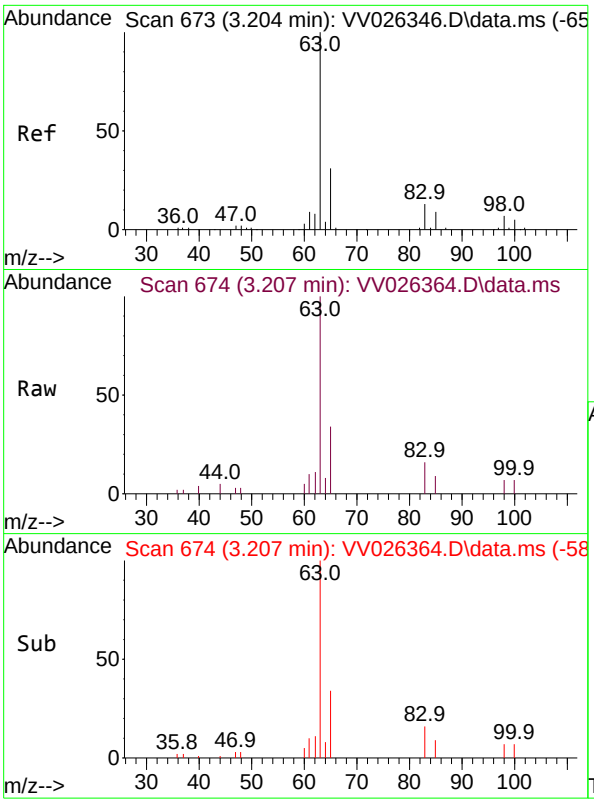


#18
trans-1,2-Dichloroethene
Concen: 0.119 ug/L
RT: 2.780 min Scan# 541
Delta R.T. 0.006 min
Lab File: VV026364.D
Acq: 17 Jun 2022 04:03

Tgt Ion: 96 Resp: 1401

Ion	Ratio	Lower	Upper
96	100		
61	107.6	91.3	169.6
98	54.3	45.3	84.1



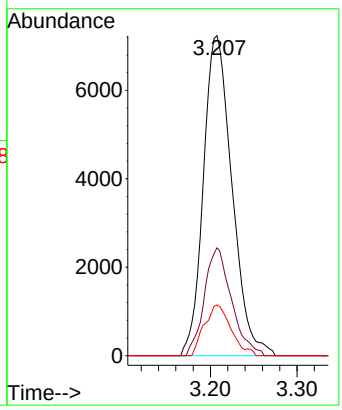


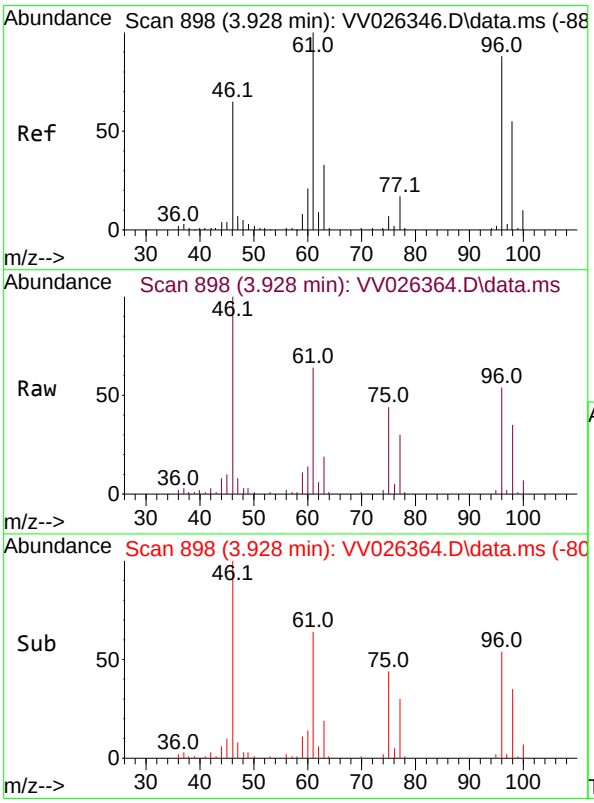
#19
1,1-Dichloroethane
Concen: 0.738 ug/L
RT: 3.207 min Scan# 6
Delta R.T. 0.003 min
Lab File: VV026364.D
Acq: 17 Jun 2022 04:03

Instrument :
MSVOA_V
ClientSampleId :
BGJ60

Tgt Ion: 63 Resp: 16624

Ion	Ratio	Lower	Upper
63	100		
65	33.7	22.3	41.3
83	15.9	8.9	16.5

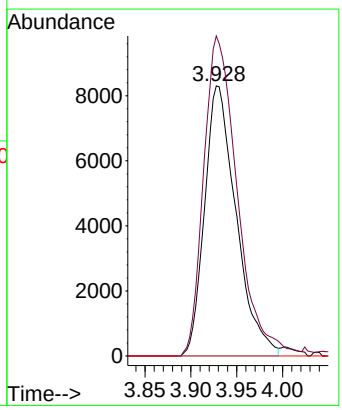


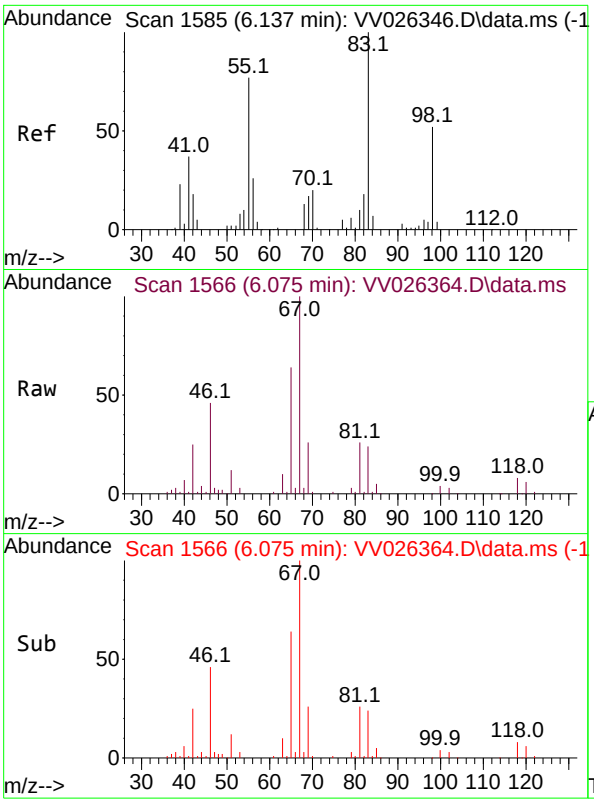


#22
cis-1,2-Dichloroethene
Concen: 1.663 ug/L
RT: 3.928 min Scan# 898
Delta R.T. 0.000 min
Lab File: VV026364.D
Acq: 17 Jun 2022 04:03

Tgt Ion: 96 Resp: 19881

Ion	Ratio	Lower	Upper
96	100		
61	118.5	83.6	155.2
68	0.0	0.0	0.0



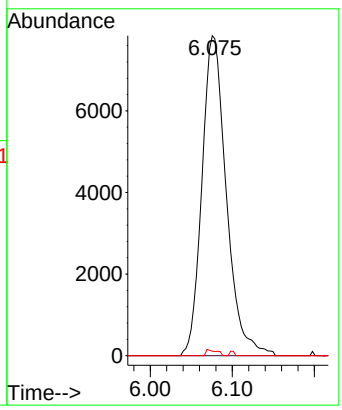


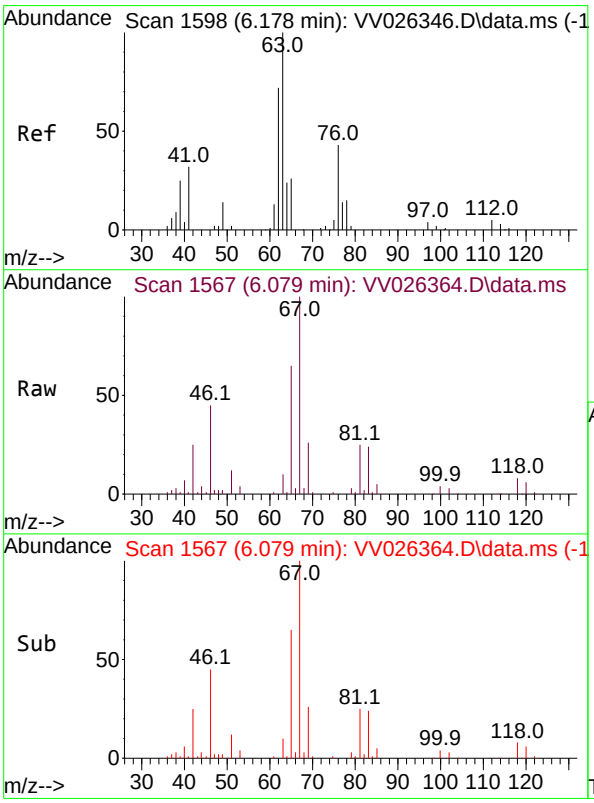
#35
Methylcyclohexane
Concen: 0.907 ug/L
RT: 6.075 min Scan# 1
Delta R.T. -0.061 min
Lab File: VV026364.D
Acq: 17 Jun 2022 04:03

Instrument :
MSVOA_V
ClientSampleId :
BGJ60

Tgt Ion: 83 Resp: 16207

Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.3	88.9#
98	0.8	39.9	59.9#

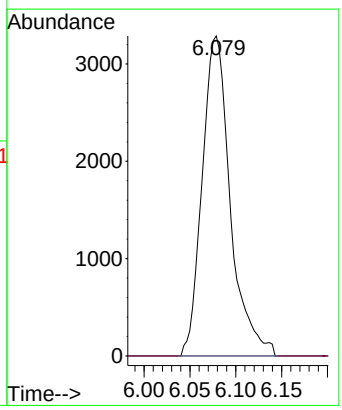


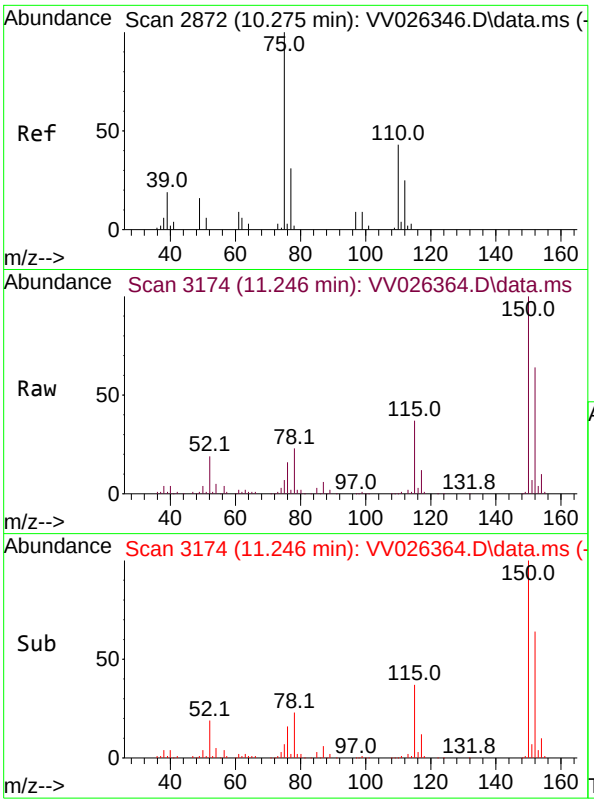


#37
1,2-Dichloropropane
Concen: 0.567 ug/L
RT: 6.079 min Scan# 1567
Delta R.T. -0.100 min
Lab File: VV026364.D
Acq: 17 Jun 2022 04:03

Tgt Ion: 63 Resp: 7018

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.3	4.9#





#61
1,2,3-Trichloropropane
Concen: 1.724 ug/L
RT: 11.246 min Scan# 3
Delta R.T. 0.971 min
Lab File: VV026364.D
Acq: 17 Jun 2022 04:03

Instrument :
MSVOA_V
ClientSampleId :
BGJ60

Tgt Ion: 75 Resp: 8326

Ion	Ratio	Lower	Upper
75	100		
77	31.3	26.9	40.3
110	1.7	30.7	46.1#