Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061622\
Data File : VV026363.D
Acq On : 17 Jun 2022 03:39
Operator : SY/MD
Sample : N3320-16 10X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BGJ91

Quant Time: Jun 17 07:22:48 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	190295	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	181351	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	74504	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.323	65	62176	3.762	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 75.200%			
7) Chloroethane-d5	1.584	69	56652	4.359	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 87.200%			
11) 1,1-Dichloroethene-d2	2.124	63	90908	3.203	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 64.000%			
20) 2-Butanone-d5	3.931	46	75549	46.844	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 93.680%			
24) Chloroform-d	4.362	84	119989	4.953	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.000%			
26) 1,2-Dichloroethane-d4	5.043	65	50222	4.900	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.000%			
32) Benzene-d6	5.060	84	225143	4.644	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.800%			
36) 1,2-Dichloropropane-d6	6.076	67	69877	4.938	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.800%			
41) Toluene-d8	7.320	98	179809	4.067	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 81.400%			
43) trans-1,3-Dichloroprop...	7.629	79	14136	3.081	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 61.600%			
46) 2-Hexanone-d5	8.092	63	57650	41.592	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 83.180%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	44147	5.064	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.200%			
66) 1,2-Dichlorobenzene-d4	11.622	152	57818	5.038	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.800%			
Target Compounds						Qvalue
3) Chloromethane	1.259	50	777	0.049	ug/L #	79
5) Vinyl chloride	1.327	62	2829	0.172	ug/L #	1
8) Chloroethane	1.542	64	178457	17.500	ug/L #	49
12) 1,1-Dichloroethene	2.127	96	1099	0.091	ug/L #	1
14) Carbon disulfide	2.314	76	3124	0.105	ug/L	96
16) Methylene chloride	2.526	84	4791	0.312	ug/L	89
19) 1,1-Dichloroethane	3.208	63	1387	0.062	ug/L #	82
22) cis-1,2-Dichloroethene	3.934	96	2487	0.211	ug/L	88
34) Trichloroethene	5.928	95	4407	0.347	ug/L	92
35) Methylcyclohexane	6.079	83	16835	0.959	ug/L #	19
37) 1,2-Dichloropropane	6.076	63	7657	0.630	ug/L #	88
39) cis-1,3-Dichloropropene	6.992	75	1076	0.078	ug/L #	32
61) 1,2,3-Trichloropropane	11.246	75	8318	1.720	ug/L #	68

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

Quantitation Report (Not Reviewed)

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MSVOA_V
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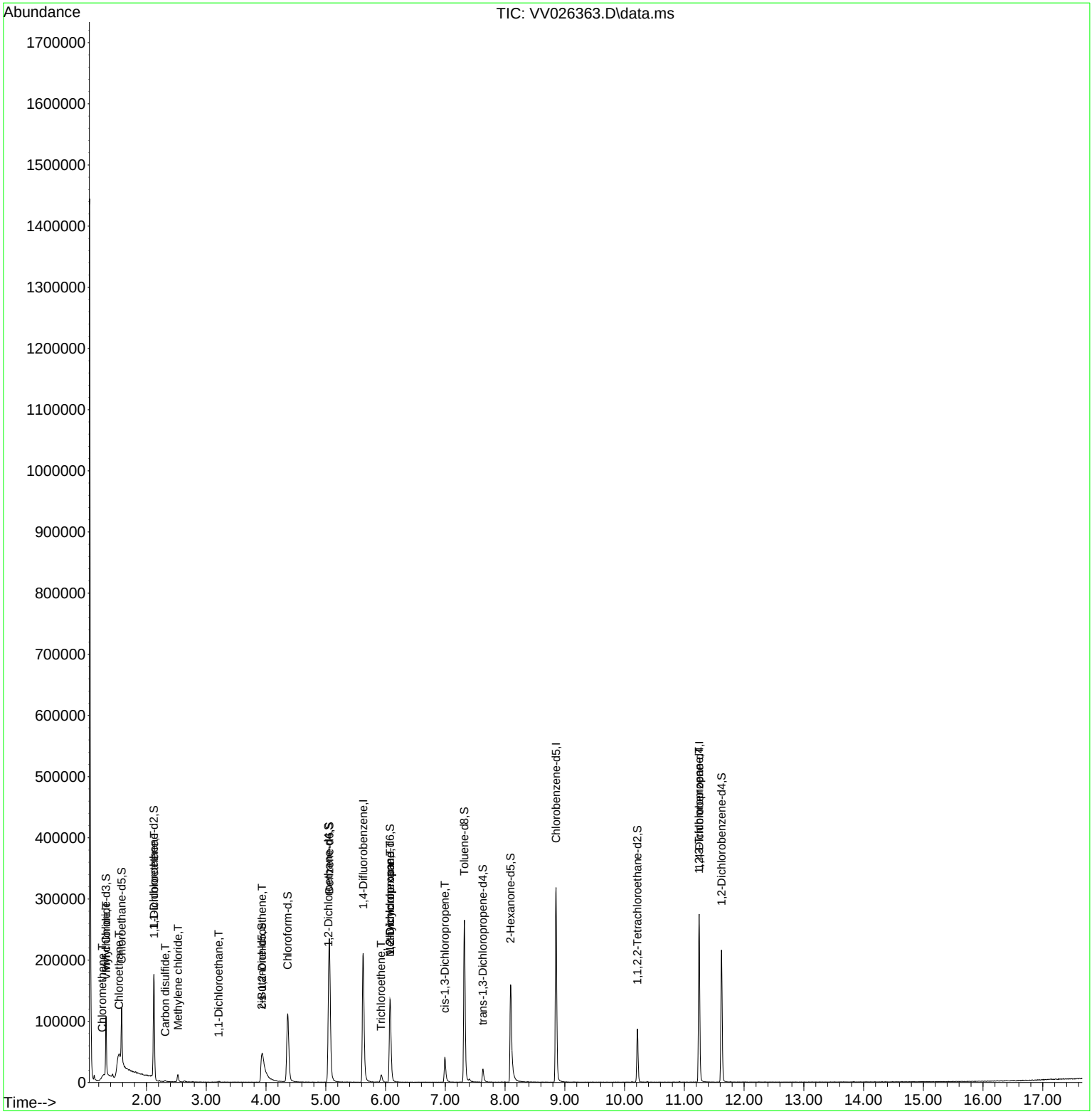
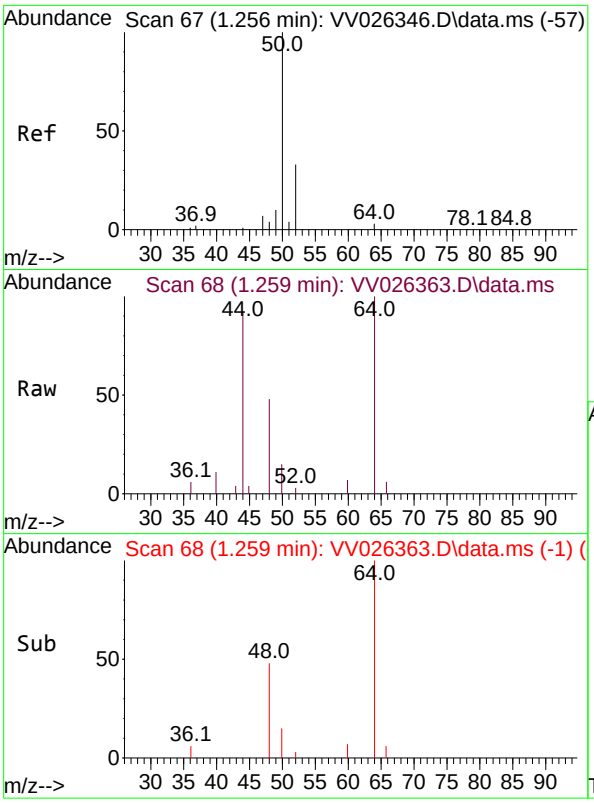
BGJ91

Quant Time: Jun 17 07:22:48 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



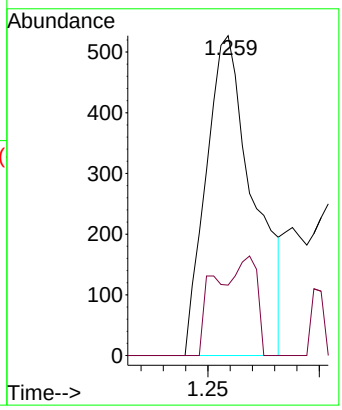


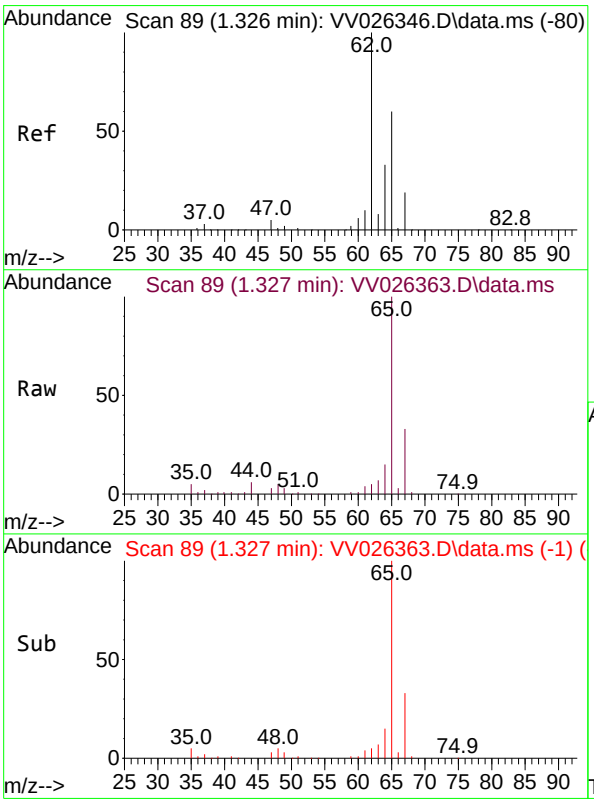
#3
Chloromethane
Concen: 0.049 ug/L
RT: 1.259 min Scan# 6
Delta R.T. 0.003 min
Lab File: VV026363.D
Acq: 17 Jun 2022 03:39

Instrument :
MSVOA_V
ClientSampleId :
BGJ91

Tgt Ion: 50 Resp: 777

Ion	Ratio	Lower	Upper
50	100		
52	22.0	23.7	44.1#

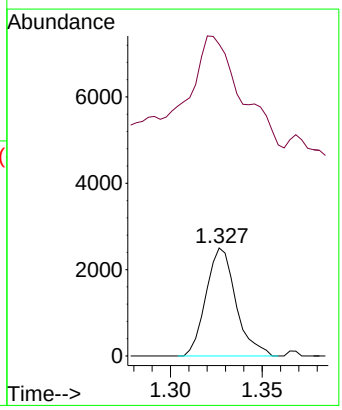


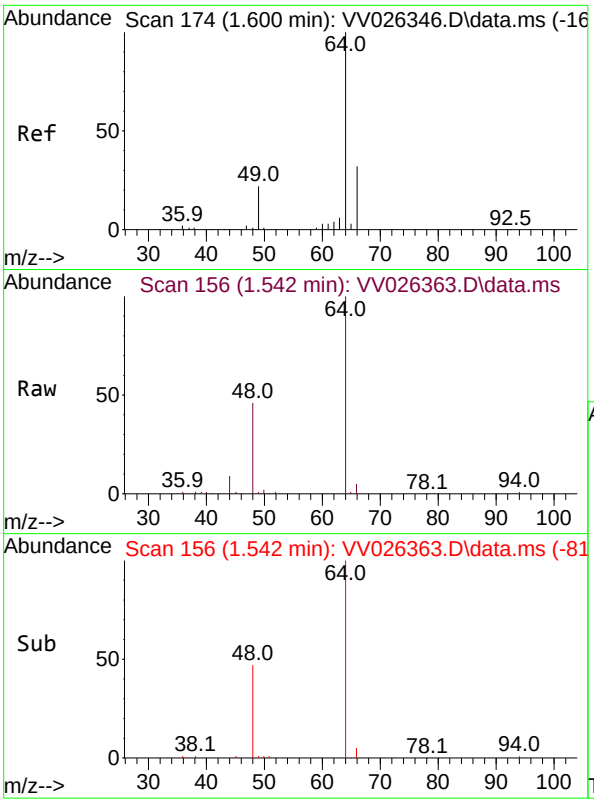


#5
Vinyl chloride
Concen: 0.172 ug/L
RT: 1.327 min Scan# 89
Delta R.T. 0.000 min
Lab File: VV026363.D
Acq: 17 Jun 2022 03:39

Tgt Ion: 62 Resp: 2829

Ion	Ratio	Lower	Upper
62	100		
64	288.3	23.2	43.2#



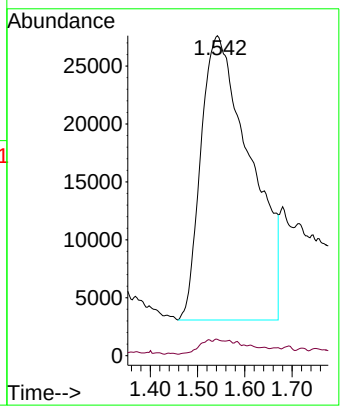


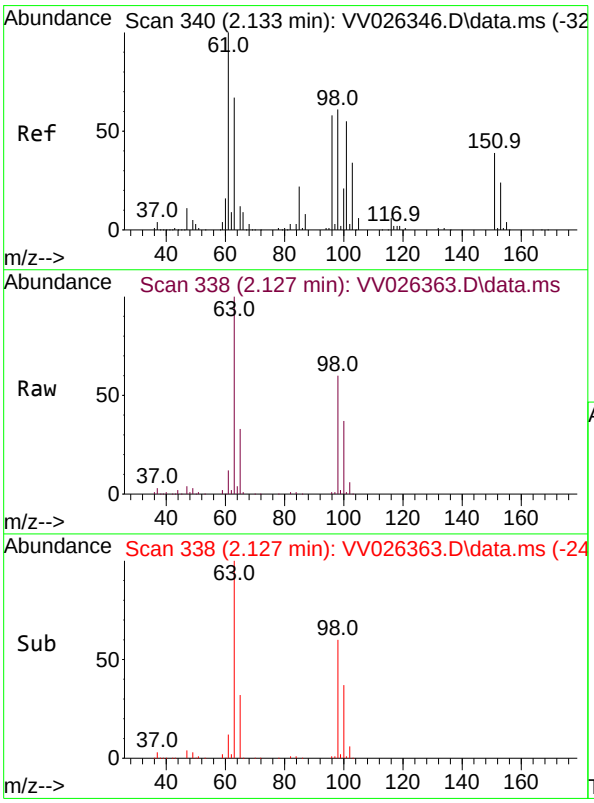
#8
Chloroethane
Concen: 17.500 ug/L
RT: 1.542 min Scan# 1
Delta R.T. -0.058 min
Lab File: VV026363.D
Acq: 17 Jun 2022 03:39

Instrument :
MSVOA_V
ClientSampleId :
BGJ91

Tgt Ion: 64 Resp: 178457

Ion	Ratio	Lower	Upper
64	100		
66	5.1	24.1	44.7#

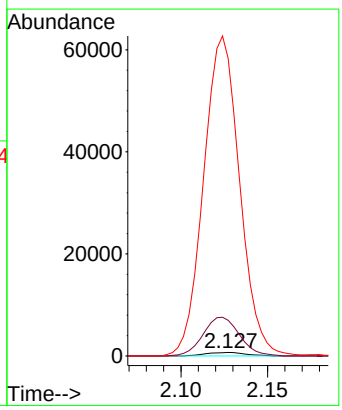


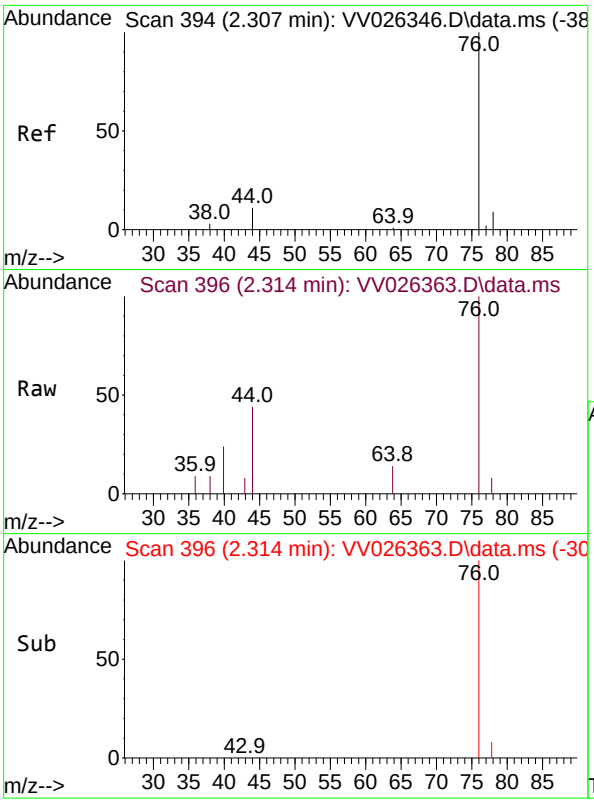


#12
1,1-Dichloroethene
Concen: 0.091 ug/L
RT: 2.127 min Scan# 338
Delta R.T. -0.006 min
Lab File: VV026363.D
Acq: 17 Jun 2022 03:39

Tgt Ion: 96 Resp: 1099

Ion	Ratio	Lower	Upper
96	100		
61	1029.5	117.1	217.5#
63	8592.6	92.8	172.4#



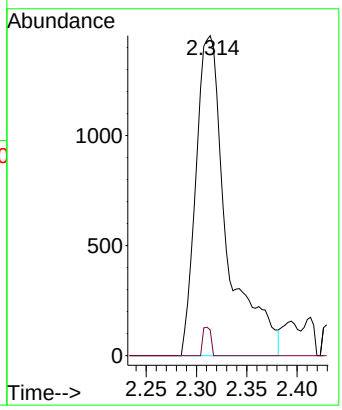


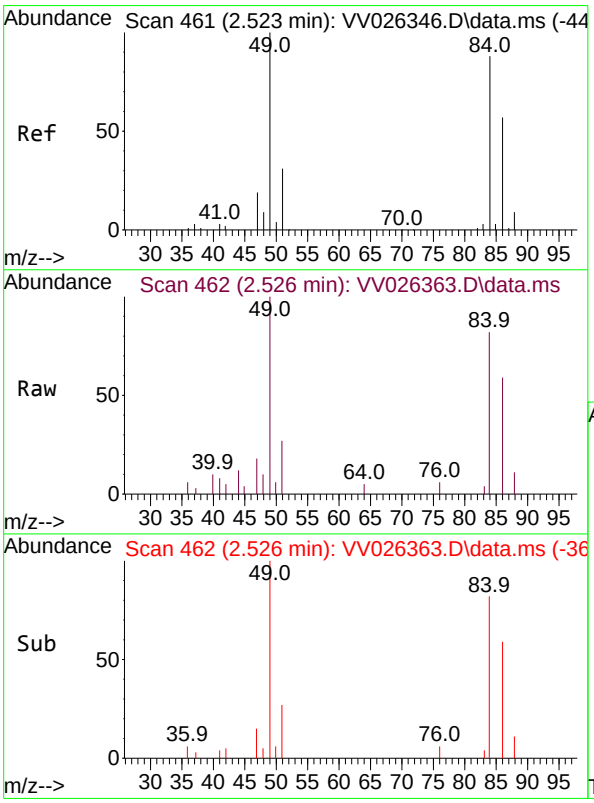
#14
Carbon disulfide
Concen: 0.105 ug/L
RT: 2.314 min Scan# 3
Delta R.T. 0.007 min
Lab File: VV026363.D
Acq: 17 Jun 2022 03:39

Instrument :
MSVOA_V
ClientSampleId :
BGJ91

Tgt Ion: 76 Resp: 3124

Ion	Ratio	Lower	Upper
76	100		
78	8.0	7.7	11.5

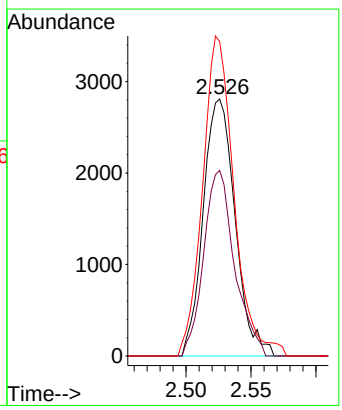


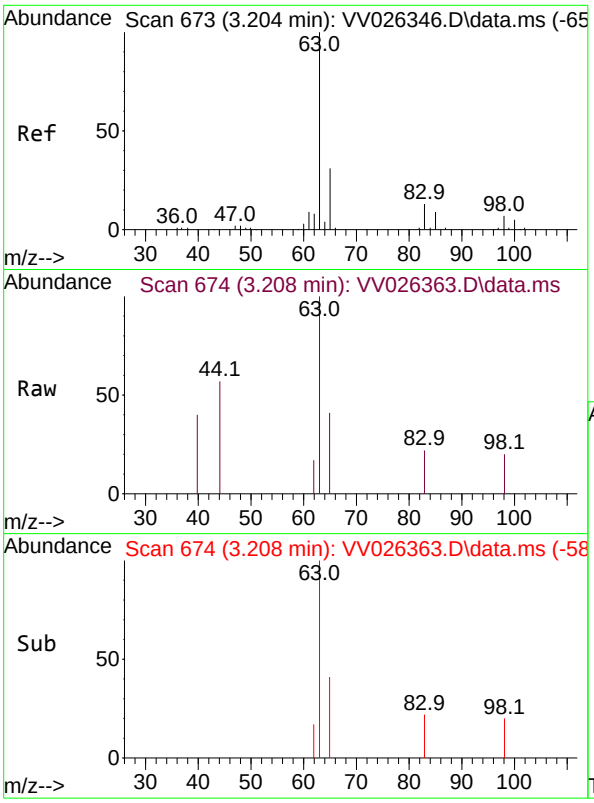


#16
Methylene chloride
Concen: 0.312 ug/L
RT: 2.526 min Scan# 462
Delta R.T. 0.003 min
Lab File: VV026363.D
Acq: 17 Jun 2022 03:39

Tgt Ion: 84 Resp: 4791

Ion	Ratio	Lower	Upper
84	100		
86	72.2	44.0	81.8
49	122.3	77.3	143.7



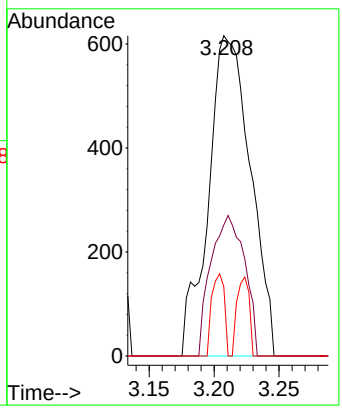


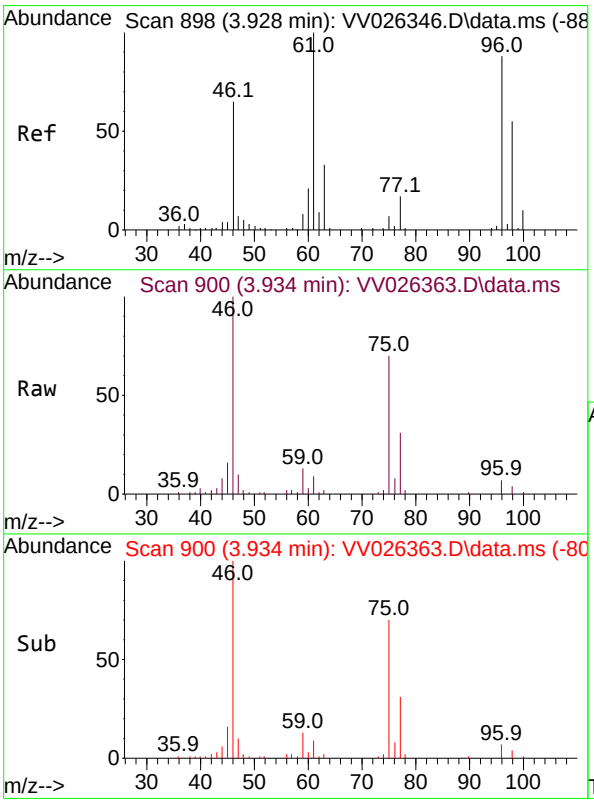
#19
1,1-Dichloroethane
Concen: 0.062 ug/L
RT: 3.208 min Scan# 6
Delta R.T. 0.003 min
Lab File: VV026363.D
Acq: 17 Jun 2022 03:39

Instrument :
MSVOA_V
ClientSampleId :
BGJ91

Tgt Ion: 63 Resp: 1387

Ion	Ratio	Lower	Upper
63	100		
65	40.9	22.3	41.3
83	21.6	8.9	16.5#

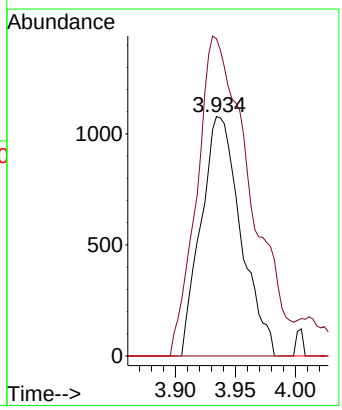


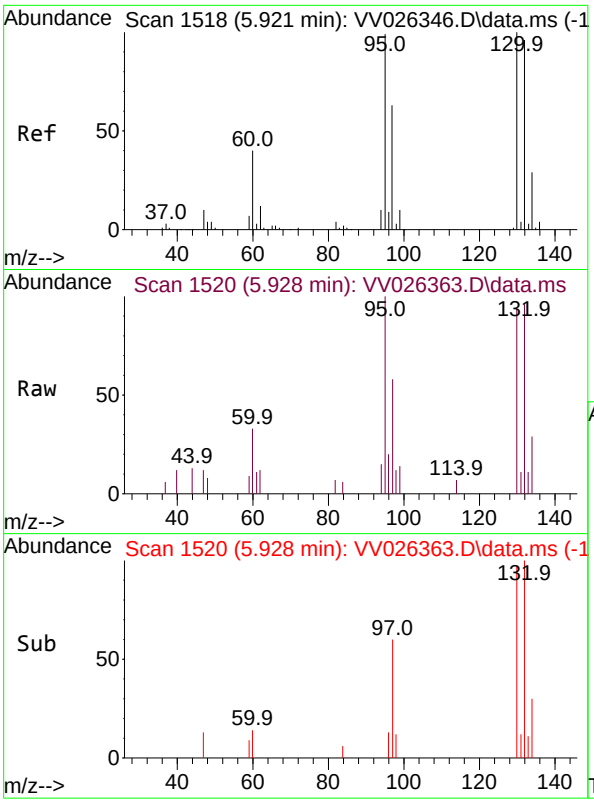


#22
cis-1,2-Dichloroethene
Concen: 0.211 ug/L
RT: 3.934 min Scan# 900
Delta R.T. 0.007 min
Lab File: VV026363.D
Acq: 17 Jun 2022 03:39

Tgt Ion: 96 Resp: 2487

Ion	Ratio	Lower	Upper
96	100		
61	132.6	83.6	155.2
68	0.0	0.0	0.0



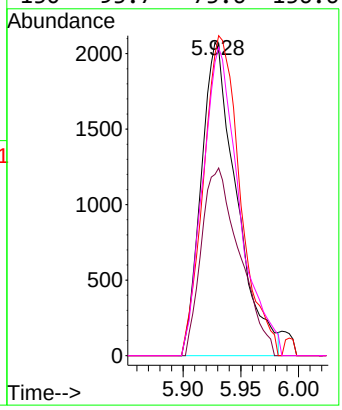


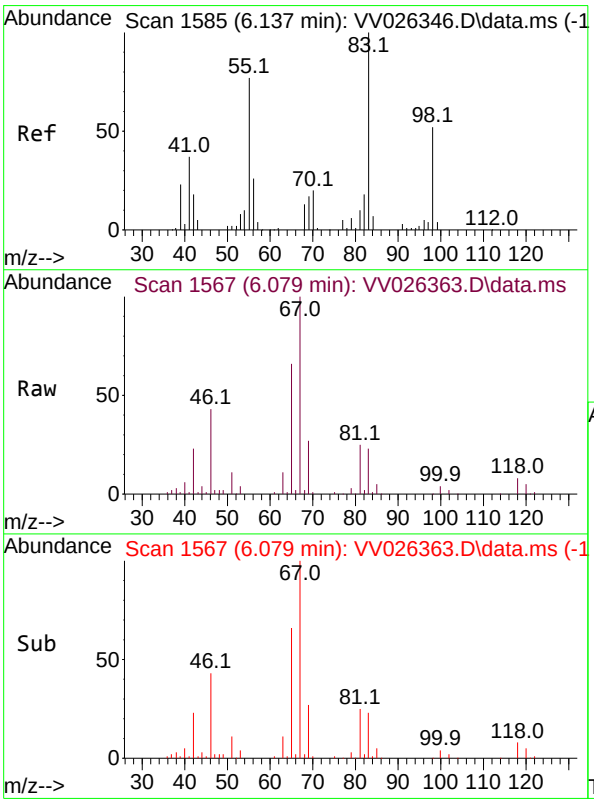
#34
Trichloroethene
Concen: 0.347 ug/L
RT: 5.928 min Scan# 1
Delta R.T. 0.007 min
Lab File: VV026363.D
Acq: 17 Jun 2022 03:39

Instrument :
MSVOA_V
ClientSampleId :
BGJ91

Tgt Ion: 95 Resp: 4407

Ion	Ratio	Lower	Upper
95	100		
97	57.9	46.5	86.3
132	96.3	68.8	127.8
130	93.7	73.6	136.6

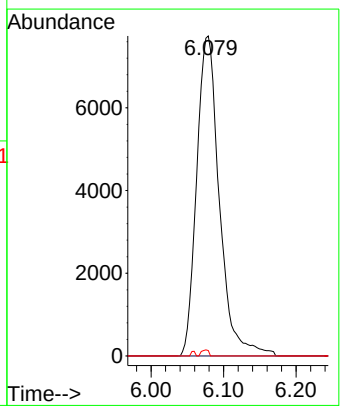


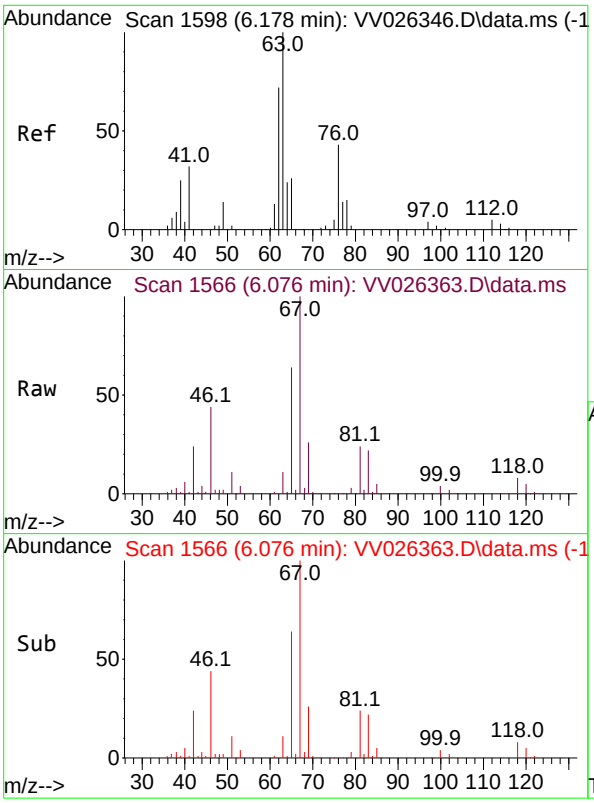


#35
Methylcyclohexane
Concen: 0.959 ug/L
RT: 6.079 min Scan# 1567
Delta R.T. -0.058 min
Lab File: VV026363.D
Acq: 17 Jun 2022 03:39

Tgt Ion: 83 Resp: 16835

Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.3	88.9#
98	0.6	39.9	59.9#



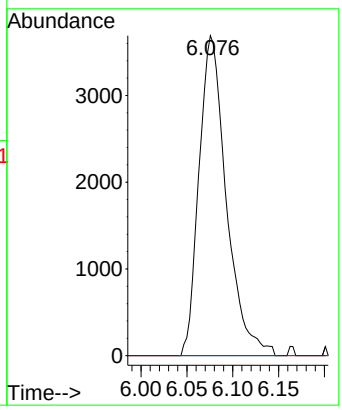


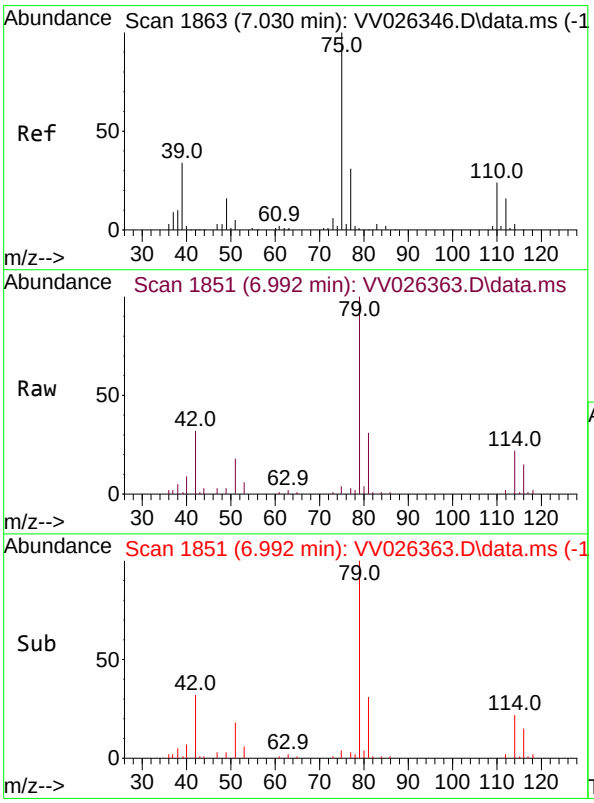
#37
1,2-Dichloropropane
Concen: 0.630 ug/L
RT: 6.076 min Scan# 1
Delta R.T. -0.103 min
Lab File: VV026363.D
Acq: 17 Jun 2022 03:39

Instrument :
MSVOA_V
ClientSampleId :
BGJ91

Tgt Ion: 63 Resp: 7657

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.3	4.9#

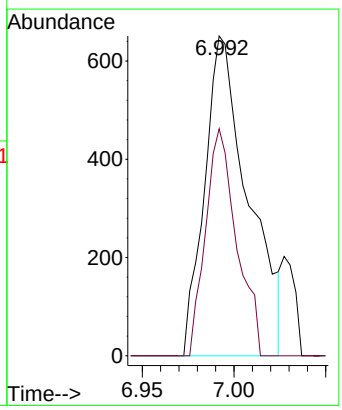


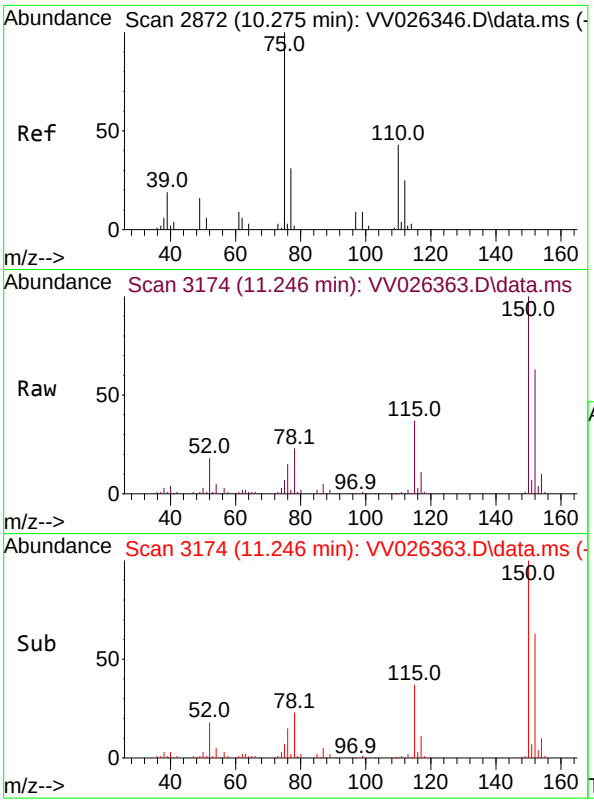


#39
cis-1,3-Dichloropropene
Concen: 0.078 ug/L
RT: 6.992 min Scan# 1851
Delta R.T. -0.038 min
Lab File: VV026363.D
Acq: 17 Jun 2022 03:39

Tgt Ion: 75 Resp: 1076

Ion	Ratio	Lower	Upper
75	100		
77	71.0	23.0	42.6#





#61
1,2,3-Trichloropropane
Concen: 1.720 ug/L
RT: 11.246 min Scan# 3
Delta R.T. 0.971 min
Lab File: VV026363.D
Acq: 17 Jun 2022 03:39

Instrument :
MSVOA_V
ClientSampleId :
BGJ91

Tgt Ion: 75 Resp: 8318

Ion	Ratio	Lower	Upper
75	100		
77	33.6	26.9	40.3
110	2.1	30.7	46.1#