

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111621\
 Data File : VW023542.D
 Acq On : 16 Nov 2021 18:25
 Operator : SY/MD
 Sample : M4617-13DL 20X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG217DL

Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/17/2021
 Supervised By :Mahesh Dadoda 11/18/2021

Quant Time: Nov 17 00:54:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 17 00:48:57 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	117861	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	116095	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	51902	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	29623	4.012	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	80.200%	
7) Chloroethane-d5	1.568	69	25439	4.227	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	84.600%	
11) 1,1-Dichloroethene-d2	2.108	63	43065	3.116	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	62.400%	
20) 2-Butanone-d5	3.909	46	51351m	40.369	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	80.740%	
24) Chloroform-d	4.349	84	65594	4.169	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	83.400%	
26) 1,2-Dichloroethane-d4	5.037	65	31403	4.438	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.800%	
32) Benzene-d6	5.050	84	121034	4.063	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	81.200%	
36) 1,2-Dichloropropane-d6	6.072	67	36749	4.191	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	83.800%	
41) Toluene-d8	7.317	98	104782	3.754	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	75.000%	
43) trans-1,3-Dichloroprop...	7.625	79	13437	4.041	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	80.800%	
46) 2-Hexanone-d5	8.092	63	45928	37.543	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	75.080%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	24762	3.927	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	78.600%	
66) 1,2-Dichlorobenzene-d4	11.625	152	41796	4.836	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	96.800%	
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.754	101	130661	8.911	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	2119	0.287	ug/L #	75
12) 1,1-Dichloroethene	2.114	96	840	0.120	ug/L #	1
16) Methylene chloride	2.510	84	4067	0.397	ug/L	93
17) Methyl tert-butyl Ether	2.770	73	4751	0.307	ug/L #	95
19) 1,1-Dichloroethane	3.195	63	3903	0.268	ug/L	94
34) Trichloroethene	5.921	95	4090	0.474	ug/L	95

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

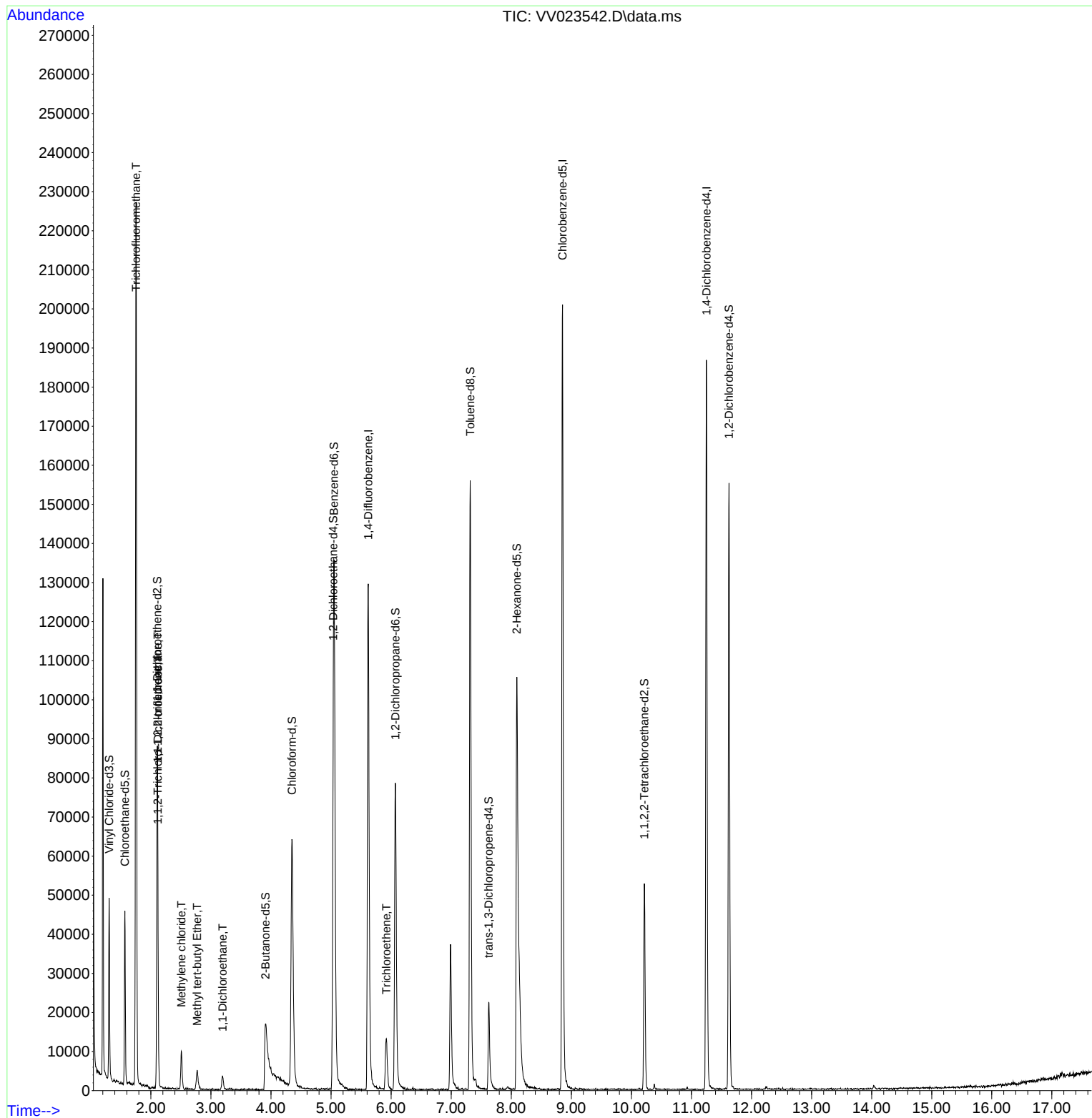
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111621\
Data File : VV023542.D
Acq On : 16 Nov 2021 18:25
Operator : SY/MD
Sample : M4617-13DL 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

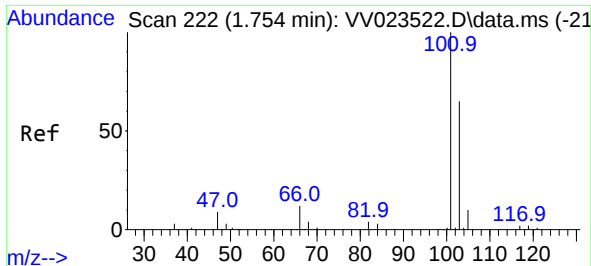
Instrument :
MSVOA_V
ClientSampleId :
BG217DL

Quant Time: Nov 17 00:54:32 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 17 00:48:57 2021
Response via : Initial Calibration

Manual Integrations
APPROVED

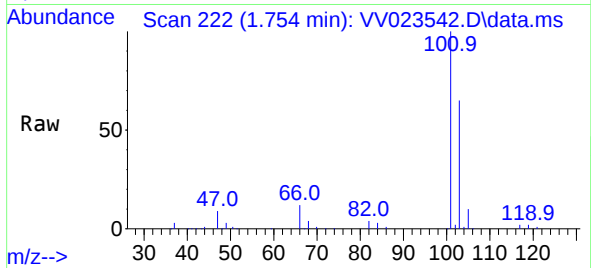
Reviewed By : John Carlone 11/17/2021
Supervised By : Mahesh Dadoda 11/18/2021





#9
Trichlorofluoromethane
Concen: 8.911 ug/L
RT: 1.754 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV023542.D
Acq: 16 Nov 2021 18:25

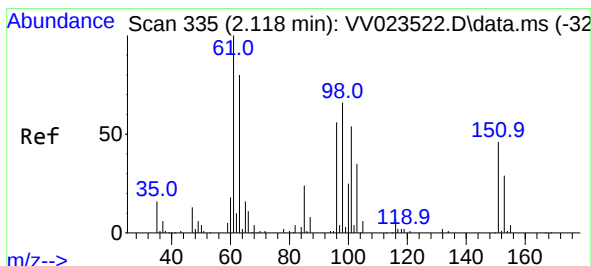
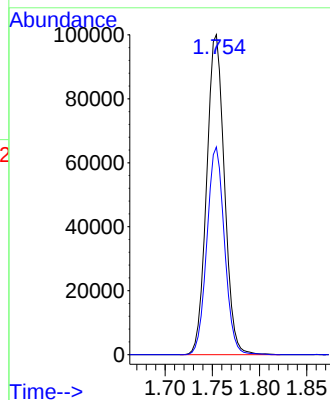
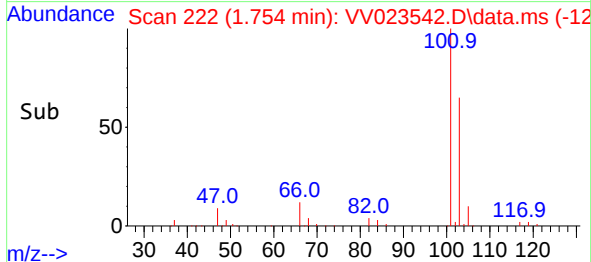
Instrument :
MSVOA_V
ClientSampleId :
BG217DL



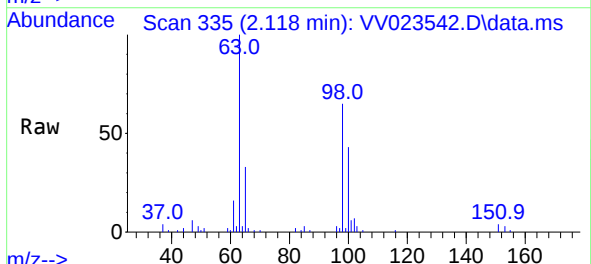
Tgt Ion:101 Resp: 13066
Ion Ratio Lower Upper
101 100
103 64.4 52.6 79.0

Manual Integrations
APPROVED

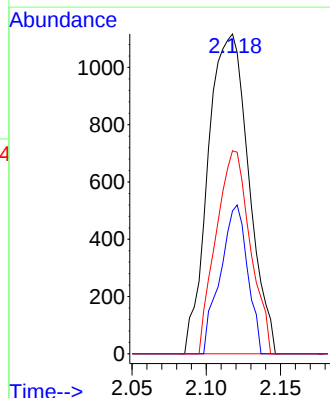
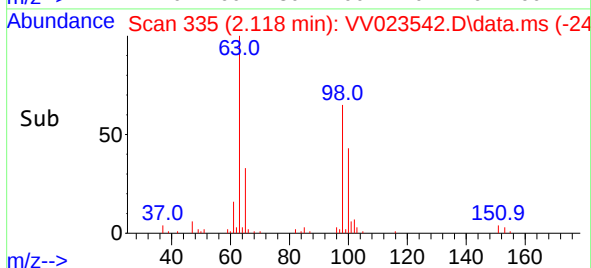
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

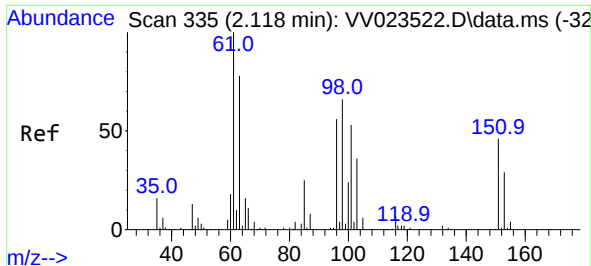


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.287 ug/L
RT: 2.118 min Scan# 335
Delta R.T. 0.000 min
Lab File: VV023542.D
Acq: 16 Nov 2021 18:25



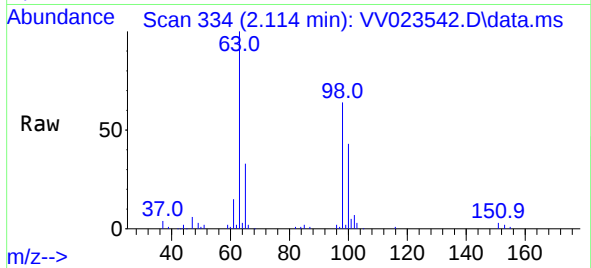
Tgt Ion:101 Resp: 2119
Ion Ratio Lower Upper
101 100
85 31.2 35.3 52.9#
151 53.4 62.2 93.2#





#12
1,1-Dichloroethene
Concen: 0.120 ug/L
RT: 2.114 min Scan# 311
Delta R.T. -0.003 min
Lab File: VV023542.D
Acq: 16 Nov 2021 18:25

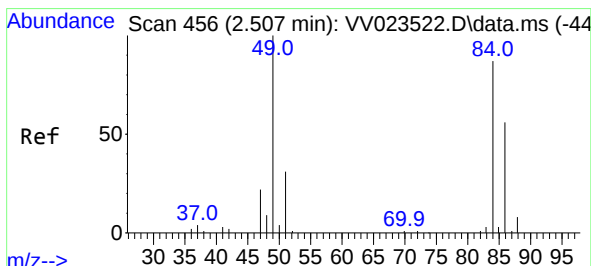
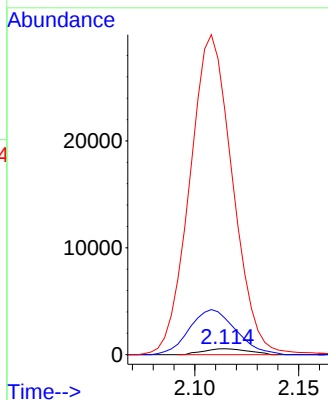
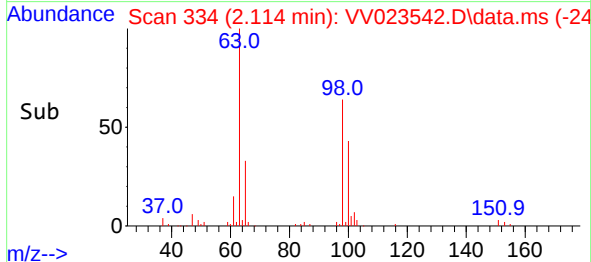
Instrument :
MSVOA_V
ClientSampleId :
BG217DL



Tgt Ion: 96 Resp: 840
Ion Ratio Lower Upper
96 100
61 614.5 121.5 225.7
63 4104.5 99.6 185.0

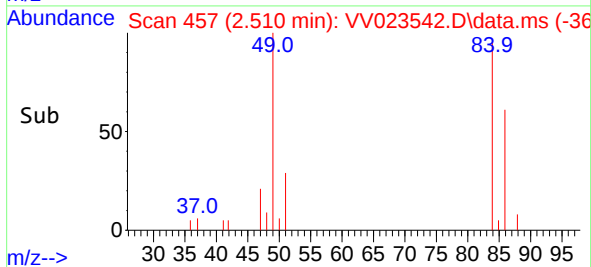
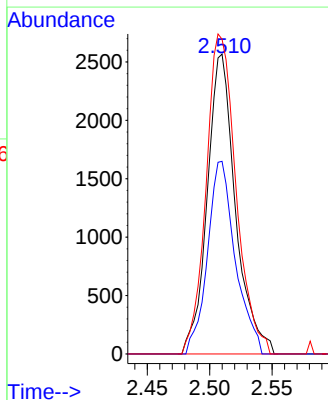
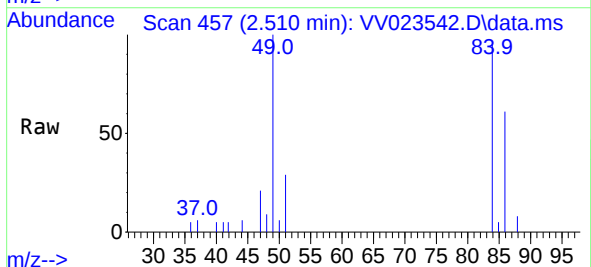
Manual Integrations
APPROVED

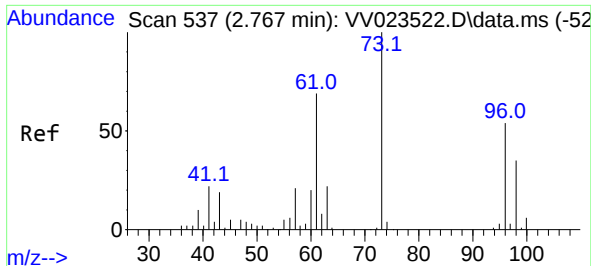
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#16
Methylene chloride
Concen: 0.397 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV023542.D
Acq: 16 Nov 2021 18:25

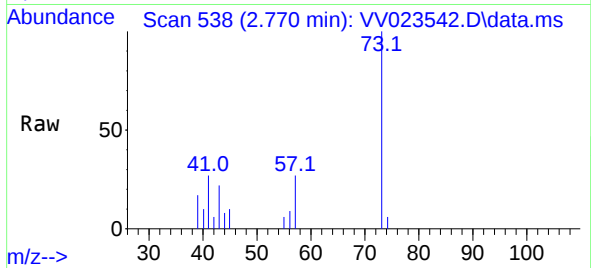
Tgt Ion: 84 Resp: 4067
Ion Ratio Lower Upper
84 100
86 64.2 42.3 78.5
49 104.9 79.7 148.1





#17
Methyl tert-butyl Ether
Concen: 0.307 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV023542.D
Acq: 16 Nov 2021 18:25

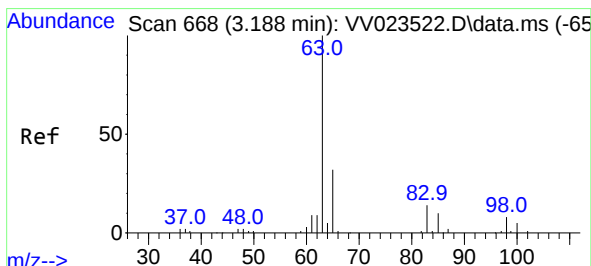
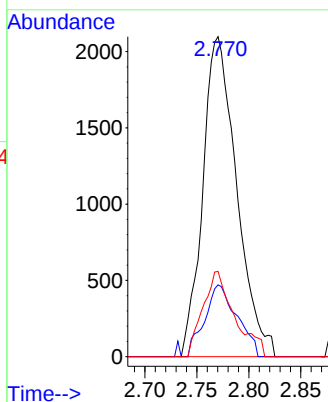
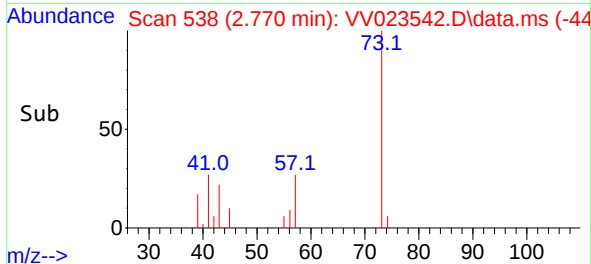
Instrument :
MSVOA_V
ClientSampleId :
BG217DL



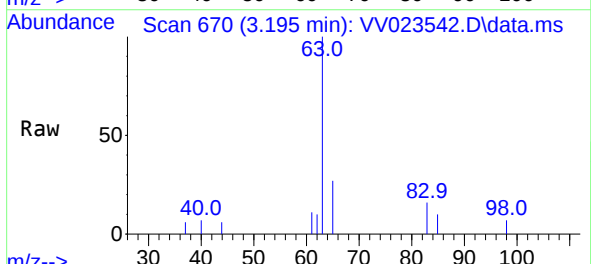
Tgt Ion: 73 Resp: 475
Ion Ratio Lower Upper
73 100
43 21.5 17.4 26.0
57 24.9 16.5 24.7

Manual Integrations
APPROVED

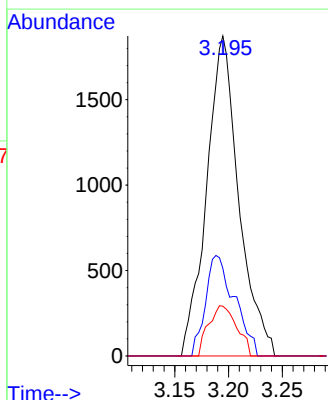
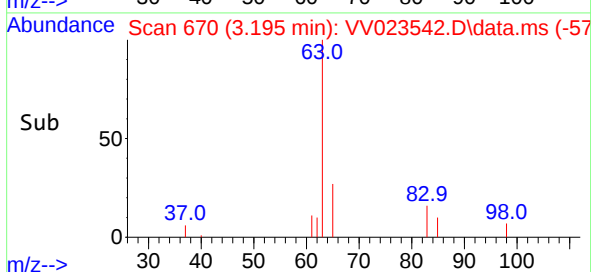
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

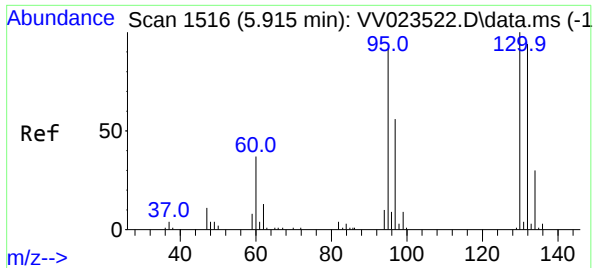


#19
1,1-Dichloroethane
Concen: 0.268 ug/L
RT: 3.195 min Scan# 670
Delta R.T. 0.007 min
Lab File: VV023542.D
Acq: 16 Nov 2021 18:25



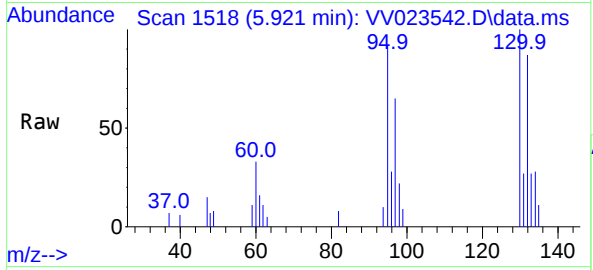
Tgt Ion: 63 Resp: 3903
Ion Ratio Lower Upper
63 100
65 27.4 22.6 42.0
83 15.5 11.1 20.7





#34
 Trichloroethene
 Concen: 0.474 ug/L
 RT: 5.921 min Scan# 11
 Delta R.T. 0.007 min
 Lab File: VV023542.D
 Acq: 16 Nov 2021 18:25

Instrument : MSVOA_V
 ClientSampleId : BG217DL



Tgt Ion: 95 Resp: 4090

Ion	Ratio	Lower	Upper
95	100		
97	71.5	45.0	83.6
132	95.4	69.7	129.4
130	109.1	73.7	136.9

Manual Integrations
APPROVED
 Reviewed By :John Carlone 11/17/2021
 Supervised By :Mahesh Dadoda 11/18/2021

