

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111721\
 Data File : VV023576.D
 Acq On : 17 Nov 2021 17:47
 Operator : SY/MD
 Sample : M4617-10DL 4X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG208DL

Manual Integrations
 APPROVED

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

Quant Time: Nov 18 00:23:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 18 00:20:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	123747	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	120606	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	56316	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	40258	5.193	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 103.800%		
7) Chloroethane-d5	1.568	69	30713	4.861	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 97.200%		
11) 1,1-Dichloroethene-d2	2.108	63	54893	3.782	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 75.600%		
20) 2-Butanone-d5	3.912	46	47955m	35.906	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 71.820%		
24) Chloroform-d	4.349	84	63093	3.819	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 76.400%		
26) 1,2-Dichloroethane-d4	5.034	65	30787	4.144	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 82.800%		
32) Benzene-d6	5.050	84	131465	4.248	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 85.000%		
36) 1,2-Dichloropropane-d6	6.072	67	37037	4.066	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 81.400%		
41) Toluene-d8	7.317	98	112947	3.895	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 77.800%		
43) trans-1,3-Dichloroprop...	7.625	79	13457	3.896	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 78.000%		
46) 2-Hexanone-d5	8.092	63	44214	34.790	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 69.580%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	23599	3.602	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 72.000%		
66) 1,2-Dichlorobenzene-d4	11.625	152	44434	4.738	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 94.800%		
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.751	101	107420	6.977	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	1709	0.221	ug/L	92
12) 1,1-Dichloroethene	2.118	96	3063	0.415	ug/L #	1
16) Methylene chloride	2.510	84	3726	0.346	ug/L	84
17) Methyl tert-butyl Ether	2.770	73	2271	0.140	ug/L #	70
19) 1,1-Dichloroethane	3.195	63	5738	0.375	ug/L	95
29) 1,1,1-Trichloroethane	4.609	97	2131	0.145	ug/L	94
34) Trichloroethene	5.921	95	2495	0.278	ug/L	91

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

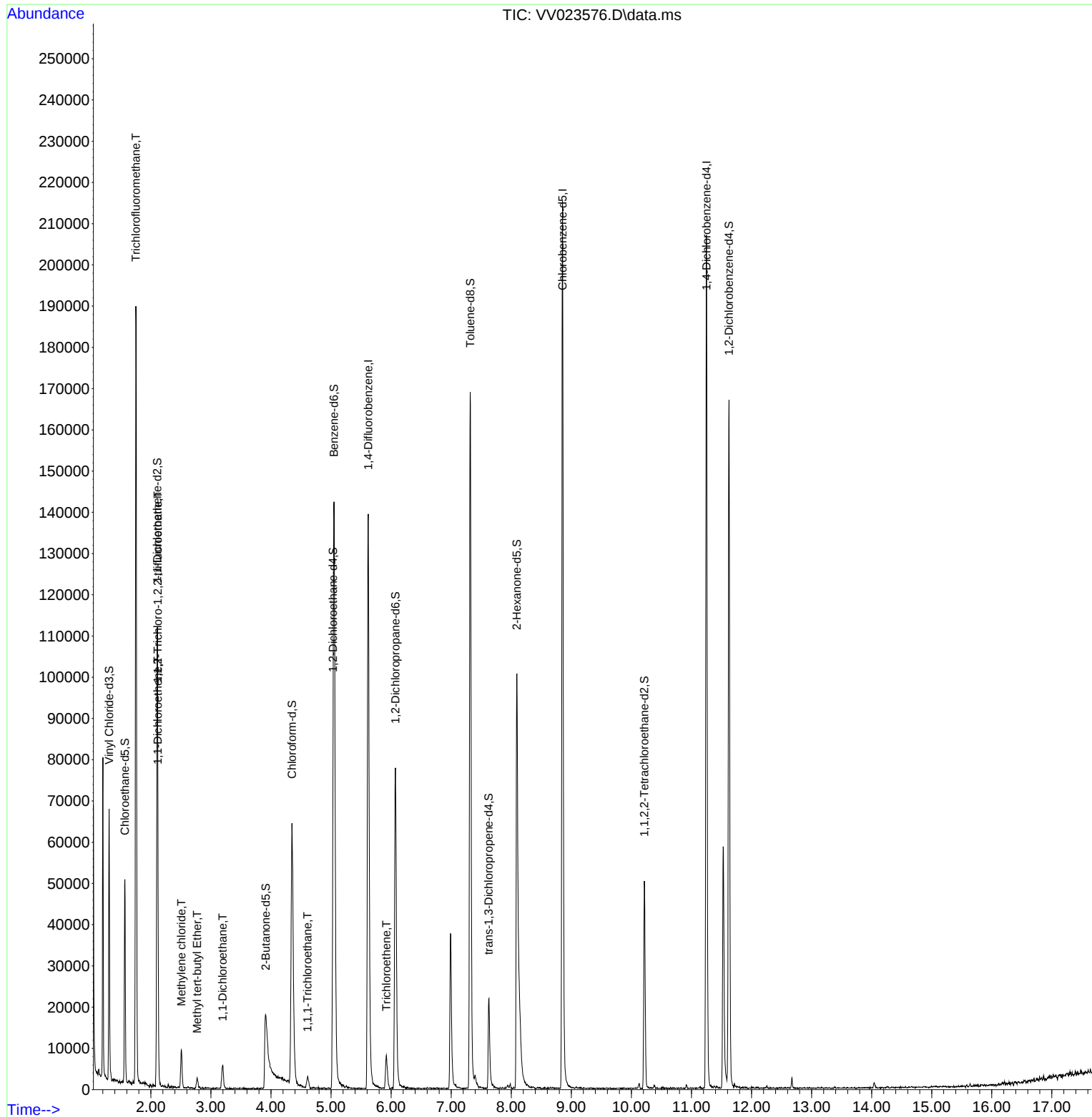
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111721\
Data File : VV023576.D
Acq On : 17 Nov 2021 17:47
Operator : SY/MD
Sample : M4617-10DL 4X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

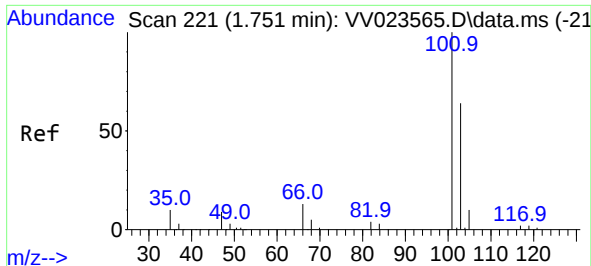
Instrument :
MSVOA_V
ClientSampleId :
BG208DL

Manual Integrations
APPROVED

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

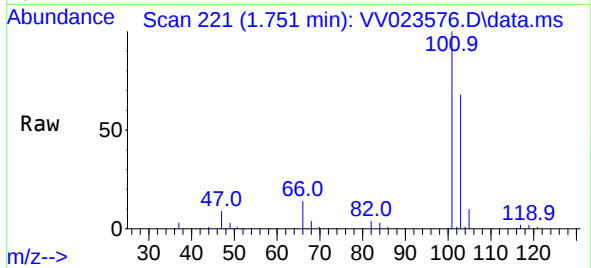
Quant Time: Nov 18 00:23:15 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 18 00:20:29 2021
Response via : Initial Calibration





#9
Trichlorofluoromethane
Concen: 6.977 ug/L
RT: 1.751 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV023576.D
Acq: 17 Nov 2021 17:47

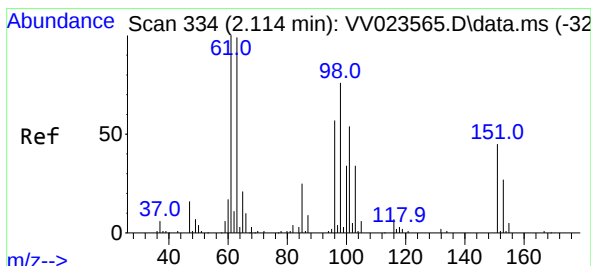
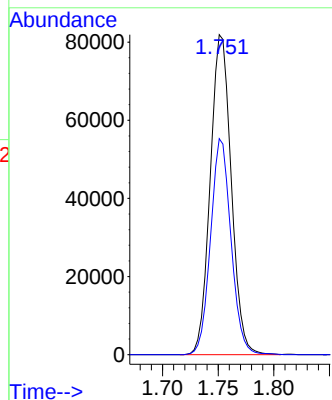
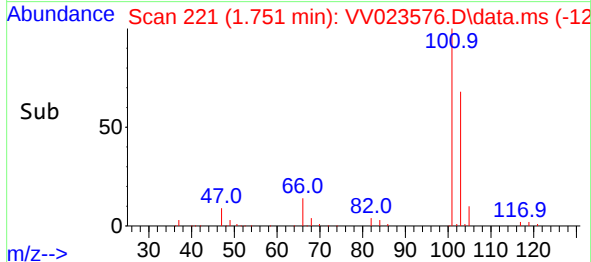
Instrument :
MSVOA_V
ClientSampleId :
BG208DL



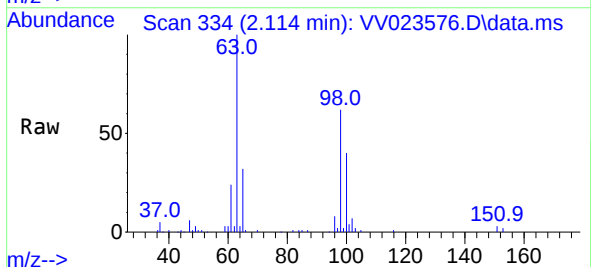
Tgt Ion:101 Resp: 107420
Ion Ratio Lower Upper
101 100
103 65.7 52.6 79.0

Manual Integrations
APPROVED

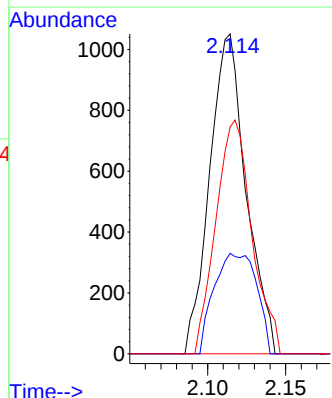
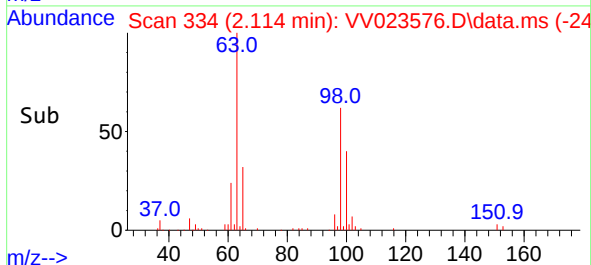
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

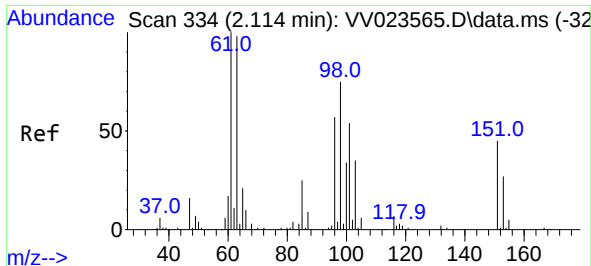


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.221 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.000 min
Lab File: VV023576.D
Acq: 17 Nov 2021 17:47



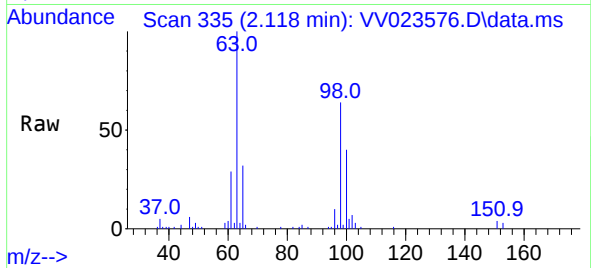
Tgt Ion:101 Resp: 1709
Ion Ratio Lower Upper
101 100
85 36.5 35.3 52.9
151 72.4 62.2 93.2





#12
1,1-Dichloroethene
Concen: 0.415 ug/L
RT: 2.118 min Scan# 311
Delta R.T. 0.003 min
Lab File: VV023576.D
Acq: 17 Nov 2021 17:47

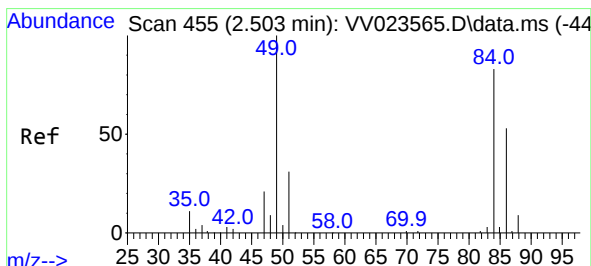
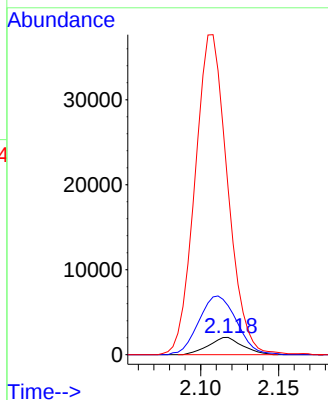
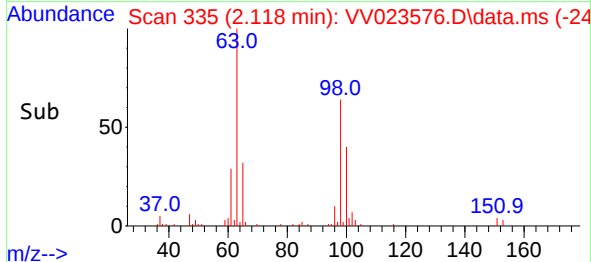
Instrument :
MSVOA_V
ClientSampleId :
BG208DL



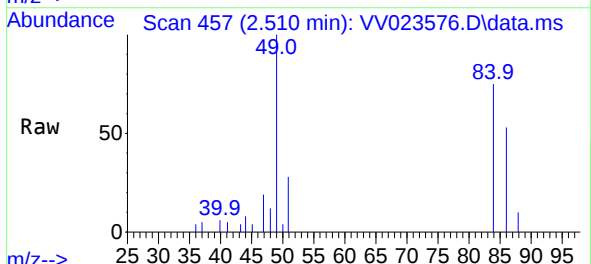
Tgt Ion: 96 Resp: 306
Ion Ratio Lower Upper
96 100
61 283.7 121.5 225.7
63 963.1 99.6 185.0

Manual Integrations
APPROVED

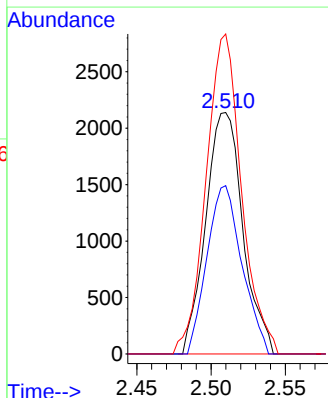
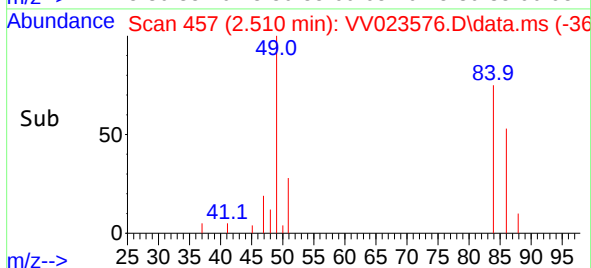
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

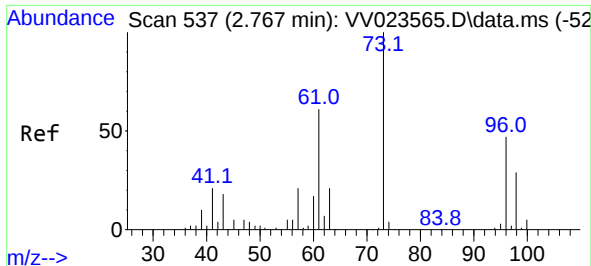


#16
Methylene chloride
Concen: 0.346 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.007 min
Lab File: VV023576.D
Acq: 17 Nov 2021 17:47



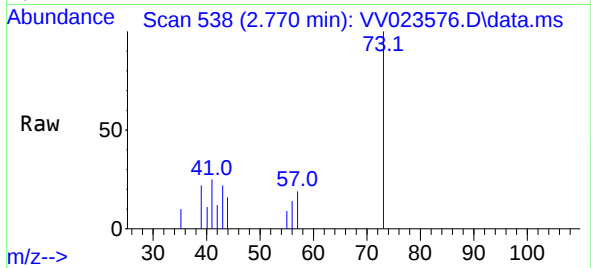
Tgt Ion: 84 Resp: 3726
Ion Ratio Lower Upper
84 100
86 69.7 42.3 78.5
49 132.5 79.7 148.1





#17
Methyl tert-butyl Ether
Concen: 0.140 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV023576.D
Acq: 17 Nov 2021 17:47

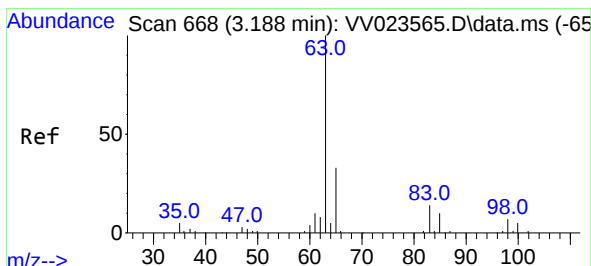
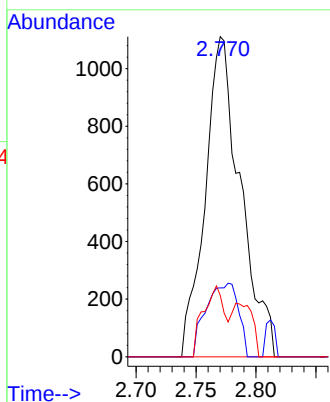
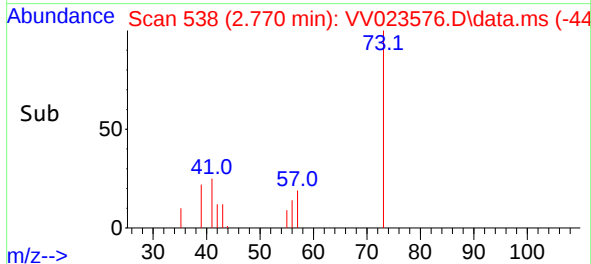
Instrument :
MSVOA_V
ClientSampleId :
BG208DL



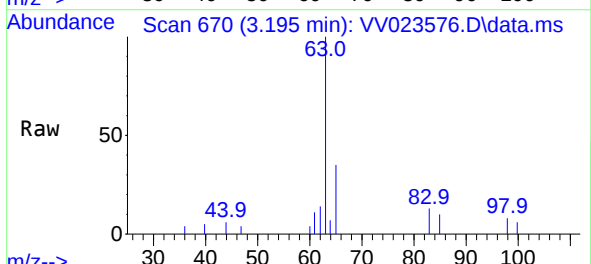
Tgt Ion: 73 Resp: 227
Ion Ratio Lower Upper
73 100
43 0.9 17.4 26.0
57 13.4 16.5 24.7

Manual Integrations
APPROVED

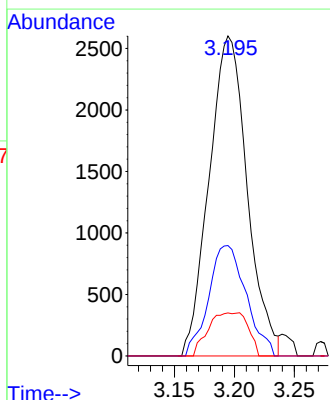
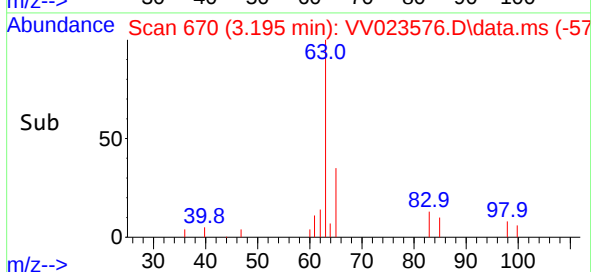
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

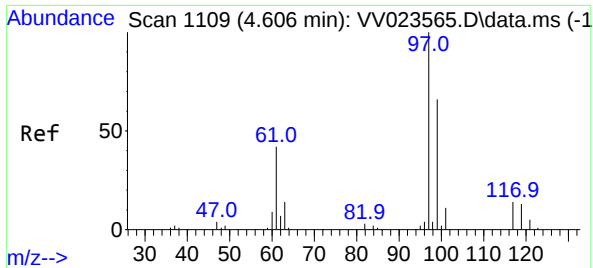


#19
1,1-Dichloroethane
Concen: 0.375 ug/L
RT: 3.195 min Scan# 670
Delta R.T. 0.007 min
Lab File: VV023576.D
Acq: 17 Nov 2021 17:47



Tgt Ion: 63 Resp: 5738
Ion Ratio Lower Upper
63 100
65 34.5 22.6 42.0
83 13.5 11.1 20.7





#29
1,1,1-Trichloroethane
Concen: 0.145 ug/L
RT: 4.609 min Scan# 1109
Delta R.T. 0.003 min
Lab File: VV023576.D
Acq: 17 Nov 2021 17:47

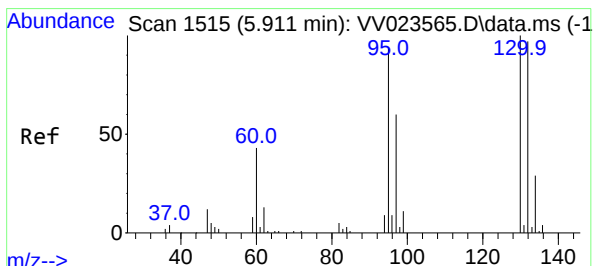
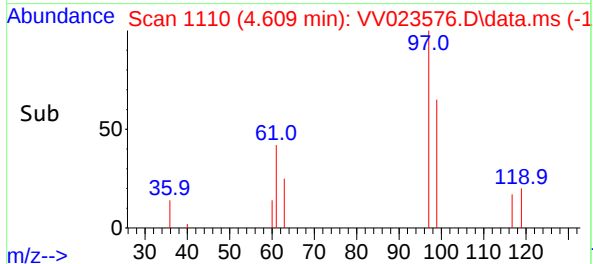
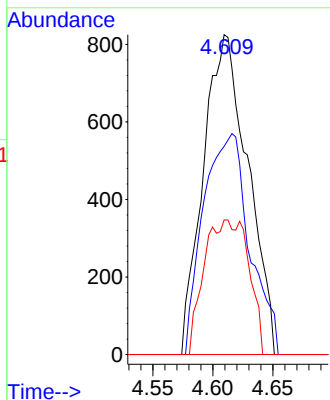
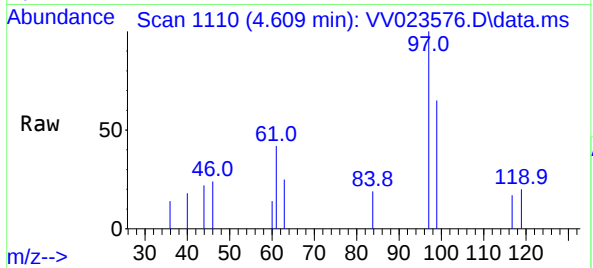
Instrument :
MSVOA_V
ClientSampleId :
BG208DL

Tgt Ion: 97 Resp: 213

Ion	Ratio	Lower	Upper
97	100		
99	71.6	51.0	76.4
61	42.2	34.1	51.1

Manual Integrations
APPROVED

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



#34
Trichloroethene
Concen: 0.278 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.010 min
Lab File: VV023576.D
Acq: 17 Nov 2021 17:47

Tgt Ion: 95 Resp: 2495

Ion	Ratio	Lower	Upper
95	100		
97	71.5	45.0	83.6
132	102.0	69.7	129.4
130	90.3	73.7	136.9

