

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111621\
 Data File : VW023537.D
 Acq On : 16 Nov 2021 16:26
 Operator : SY/MD
 Sample : M4617-09DL 20X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG207DL

Manual Integrations
 APPROVED

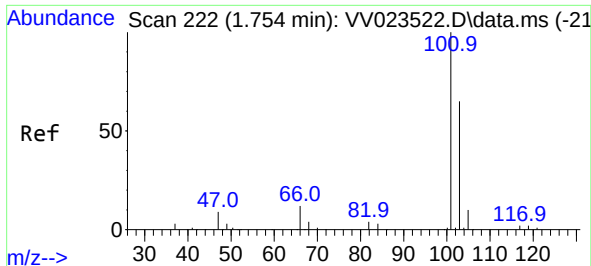
Reviewed By : John Carlone 11/17/2021
 Supervised By : Mahesh Dadoda 11/18/2021

Quant Time: Nov 17 00:53:32 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	5.616	114	117603	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	117024	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	52890	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	30420	4.129	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	82.600%	
7) Chloroethane-d5	1.568	69	27511	4.582	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	91.600%	
11) 1,1-Dichloroethene-d2	2.108	63	45843	3.324	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	66.400%	
20) 2-Butanone-d5	3.915	46	56457m	44.480	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	88.960%	
24) Chloroform-d	4.346	84	62201	3.962	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	79.200%	
26) 1,2-Dichloroethane-d4	5.031	65	32594	4.616	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.400%	
32) Benzene-d6	5.050	84	130021	4.330	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.600%	
36) 1,2-Dichloropropane-d6	6.069	67	39596	4.480	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	89.600%	
41) Toluene-d8	7.317	98	111240	3.953	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	79.000%	
43) trans-1,3-Dichloroprop...	7.625	79	14698	4.385	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	87.800%	
46) 2-Hexanone-d5	8.092	63	46971	38.091	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	76.180%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	25651	4.035	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	80.800%	
66) 1,2-Dichlorobenzene-d4	11.625	152	44217	5.021	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	100.400%	
Target Compounds						
9) Trichlorofluoromethane	1.751	101	103515	7.075	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	1642	0.223	ug/L #	76
12) 1,1-Dichloroethene	2.114	96	1260	0.180	ug/L #	1
16) Methylene chloride	2.507	84	6243	0.610	ug/L	95
17) Methyl tert-butyl Ether	2.770	73	3320	0.215	ug/L #	87
19) 1,1-Dichloroethane	3.195	63	4971	0.342	ug/L	97
25) Chloroform	4.381	83	7639	0.492	ug/L	95
34) Trichloroethene	5.924	95	2412	0.277	ug/L	93

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



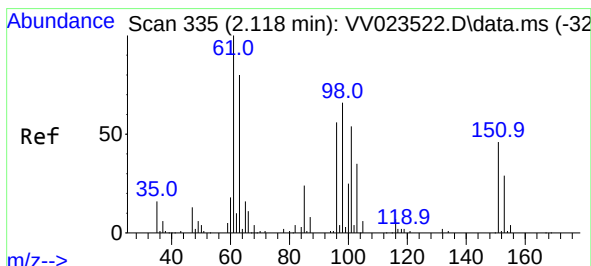
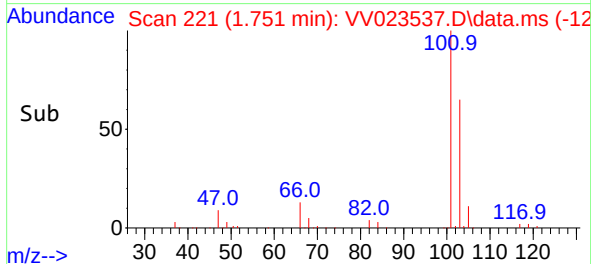
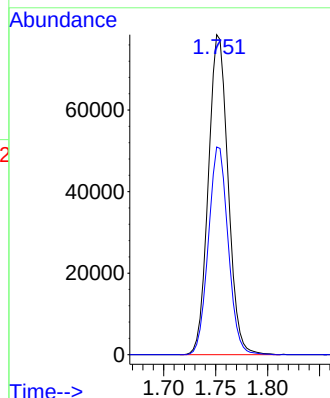
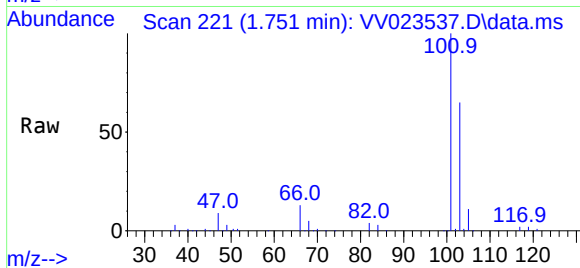
#9
Trichlorofluoromethane
Concen: 7.075 ug/L
RT: 1.751 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV023537.D
Acq: 16 Nov 2021 16:26

Instrument :
MSVOA_V
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Tgt Ion:101 Resp: 10351
Ion Ratio Lower Upper
101 100
103 65.0 52.6 79.0

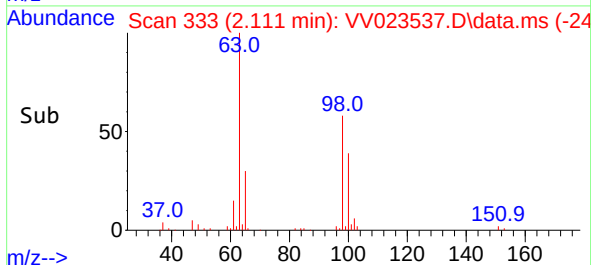
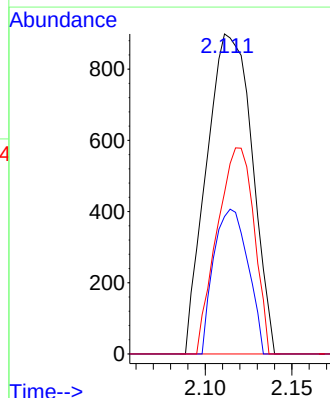
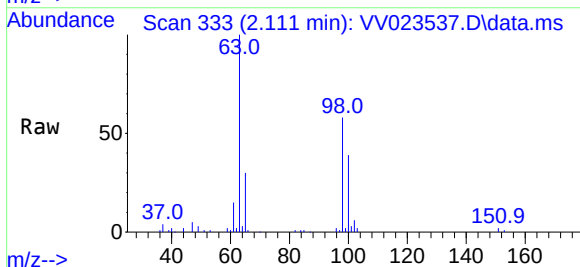
Manual Integrations
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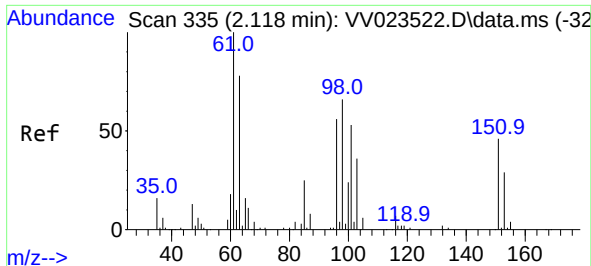
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.223 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.006 min
Lab File: VV023537.D
Acq: 16 Nov 2021 16:26

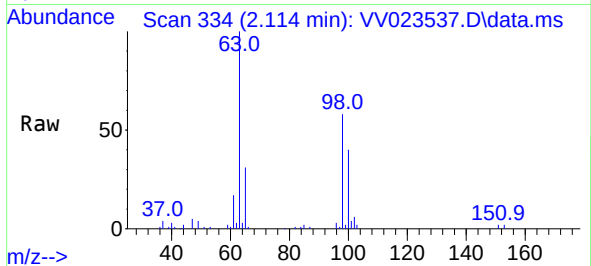
Tgt Ion:101 Resp: 1642
Ion Ratio Lower Upper
101 100
85 33.9 35.3 52.9#
151 52.3 62.2 93.2#





#12
1,1-Dichloroethene
Concen: 0.180 ug/L
RT: 2.114 min Scan# 311
Delta R.T. -0.003 min
Lab File: VV023537.D
Acq: 16 Nov 2021 16:26

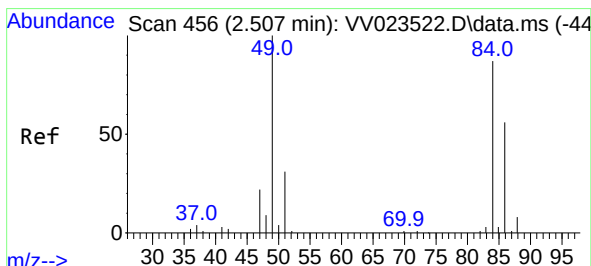
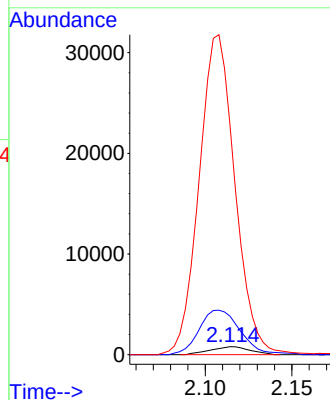
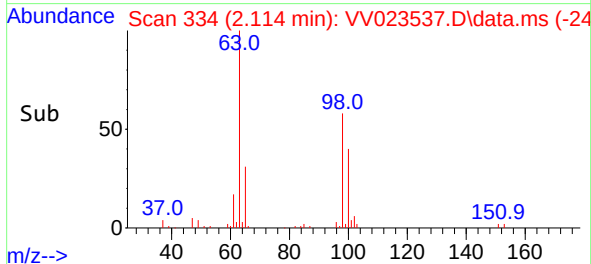
Instrument :
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Tgt Ion: 96 Resp: 1260
Ion Ratio Lower Upper
96 100
61 484.2 121.5 225.7
63 2880.8 99.6 185.0

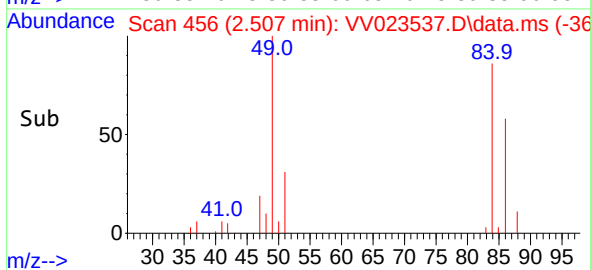
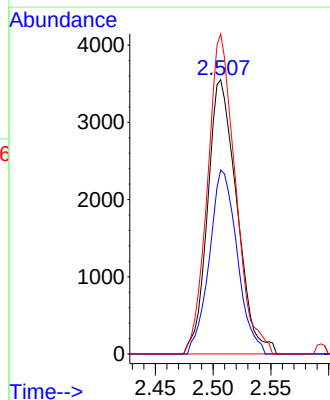
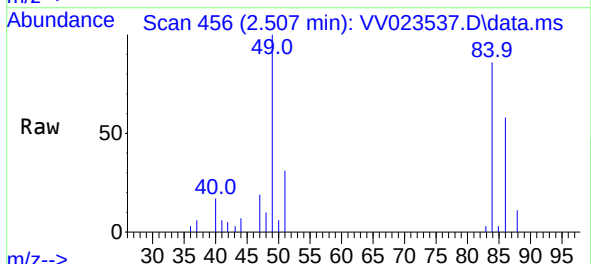
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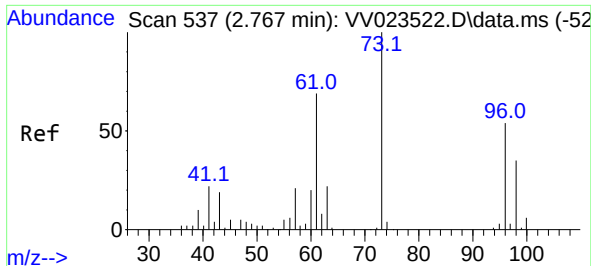
Reviewed By :John Carlone 11/17/2021
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#16
Methylene chloride
Concen: 0.610 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.000 min
Lab File: VV023537.D
Acq: 16 Nov 2021 16:26

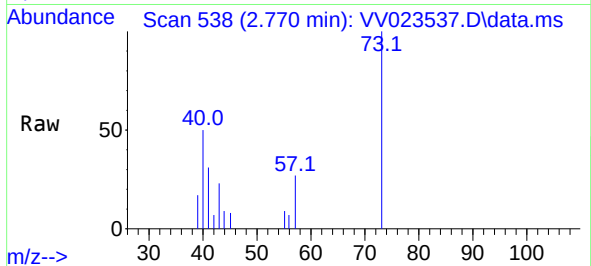
Tgt Ion: 84 Resp: 6243
Ion Ratio Lower Upper
84 100
86 67.1 42.3 78.5
49 116.7 79.7 148.1





#17
Methyl tert-butyl Ether
Concen: 0.215 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV023537.D
Acq: 16 Nov 2021 16:26

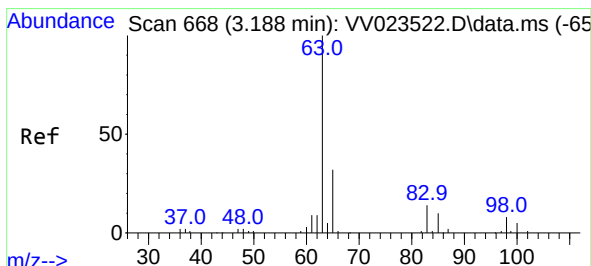
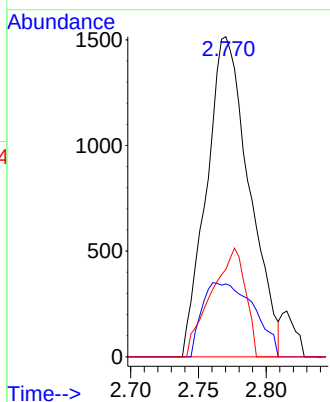
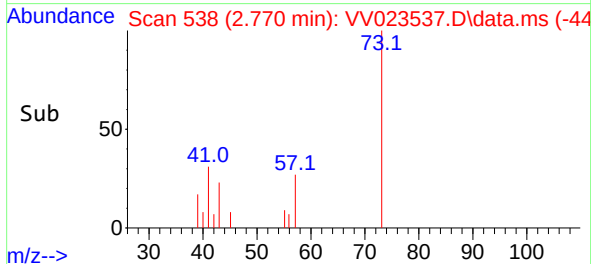
Instrument :
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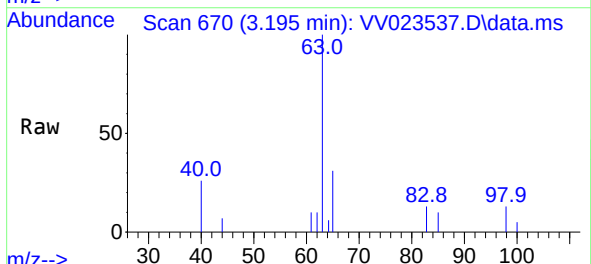
Tgt Ion: 73 Resp: 3320
Ion Ratio Lower Upper
73 100
43 27.8 17.4 26.0
57 27.1 16.5 24.7

Manual Integrations
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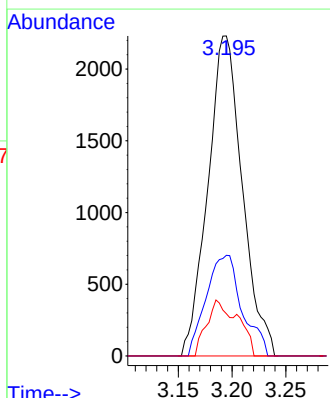
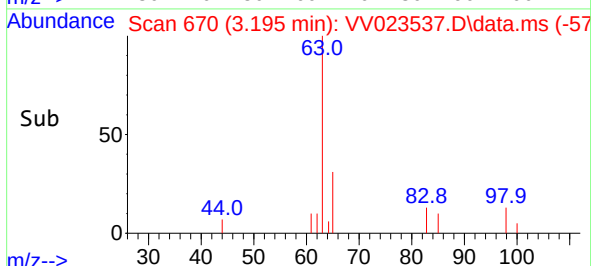
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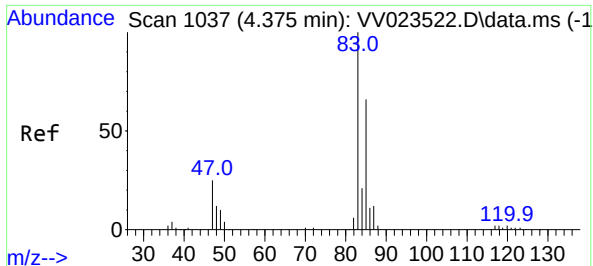


#19
1,1-Dichloroethane
Concen: 0.342 ug/L
RT: 3.195 min Scan# 670
Delta R.T. 0.006 min
Lab File: VV023537.D
Acq: 16 Nov 2021 16:26



Tgt Ion: 63 Resp: 4971
Ion Ratio Lower Upper
63 100
65 31.5 22.6 42.0
83 13.2 11.1 20.7





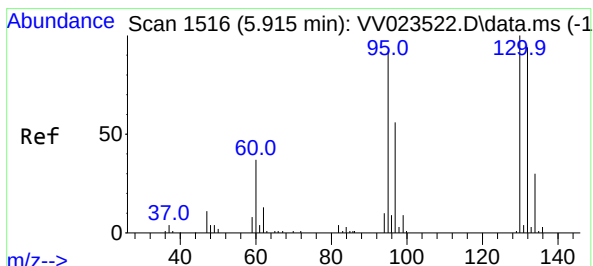
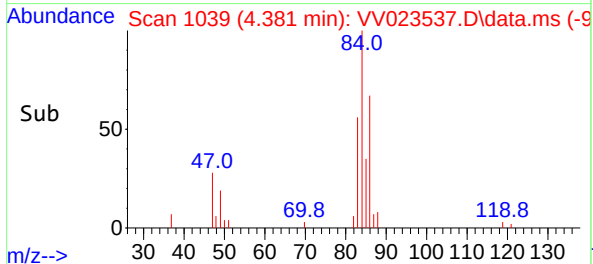
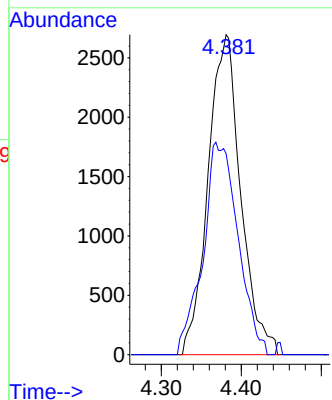
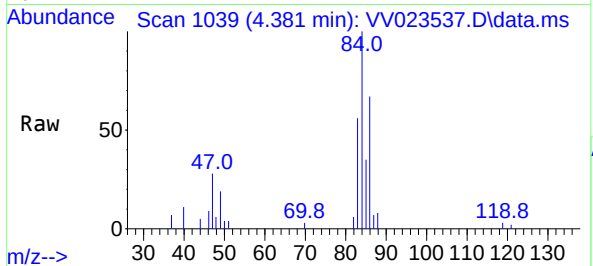
#25
Chloroform
Concen: 0.492 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VV023537.D
Acq: 16 Nov 2021 16:26

Instrument :
MSVOA_V
ClientSampleId :
BG207DL

Tgt Ion: 83 Resp: 7639
Ion Ratio Lower Upper
83 100
85 62.8 46.8 86.8

Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 11/18/2021



#34
Trichloroethene
Concen: 0.277 ug/L
RT: 5.924 min Scan# 1519
Delta R.T. 0.010 min
Lab File: VV023537.D
Acq: 16 Nov 2021 16:26

Tgt Ion: 95 Resp: 2412
Ion Ratio Lower Upper
95 100
97 75.2 45.0 83.6
132 92.9 69.7 129.4
130 107.7 73.7 136.9

