

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111621\
 Data File : VW023538.D
 Acq On : 16 Nov 2021 16:49
 Operator : SY/MD
 Sample : M4617-10DL 4X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG208DL

Manual Integrations
 APPROVED

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

Quant Time: Nov 17 00:53:44 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	116488	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	116688	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	52328	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	30416	4.168	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	83.400%	
7) Chloroethane-d5	1.568	69	26675	4.485	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	89.600%	
11) 1,1-Dichloroethene-d2	2.108	63	46002	3.367	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	67.400%	
20) 2-Butanone-d5	3.925	46	58168m	46.267	ug/L	0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	92.540%	
24) Chloroform-d	4.349	84	63484	4.082	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	81.600%	
26) 1,2-Dichloroethane-d4	5.034	65	33705	4.819	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.400%	
32) Benzene-d6	5.050	84	130708	4.366	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.400%	
36) 1,2-Dichloropropane-d6	6.072	67	39554	4.488	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	89.800%	
41) Toluene-d8	7.317	98	110442	3.936	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	78.800%	
43) trans-1,3-Dichloroprop...	7.625	79	14493	4.337	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	86.800%	
46) 2-Hexanone-d5	8.095	63	47880	38.940	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	77.880%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	25877	4.083	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	81.600%	
66) 1,2-Dichlorobenzene-d4	11.625	152	44714	5.132	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	102.600%	
Target Compounds						
9) Trichlorofluoromethane	1.751	101	66307	4.575	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	1203	0.165	ug/L #	69
12) 1,1-Dichloroethene	2.118	96	2670	0.384	ug/L #	1
16) Methylene chloride	2.510	84	4928	0.486	ug/L	97
17) Methyl tert-butyl Ether	2.777	73	2142	0.140	ug/L #	87
19) 1,1-Dichloroethane	3.192	63	5783	0.401	ug/L	98
25) Chloroform	4.375	83	7049	0.459	ug/L	95
29) 1,1,1-Trichloroethane	4.613	97	1827	0.129	ug/L #	90
34) Trichloroethene	5.925	95	2349	0.271	ug/L	86

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

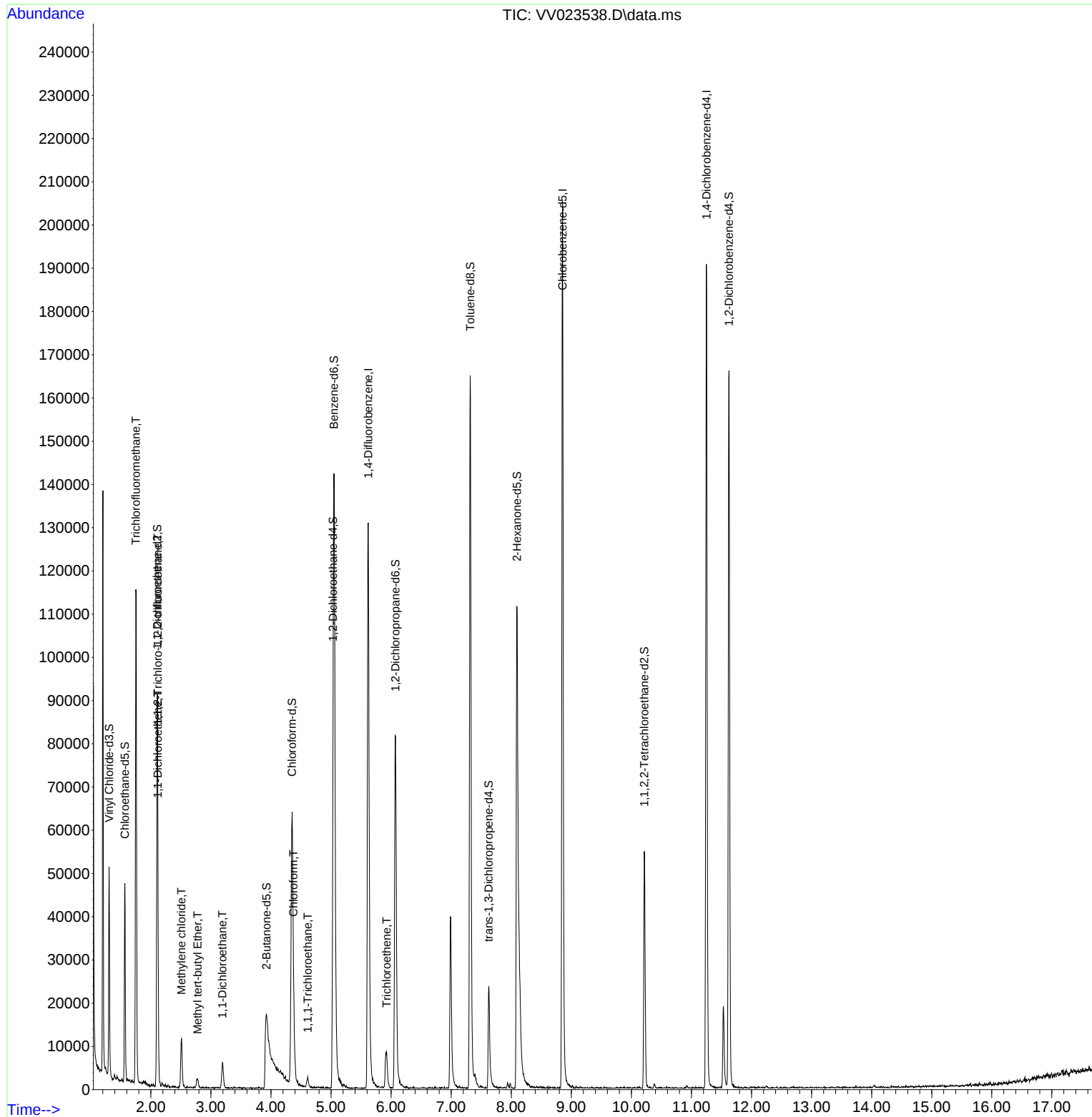
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111621\
Data File : VV023538.D
Acq On : 16 Nov 2021 16:49
Operator : SY/MD
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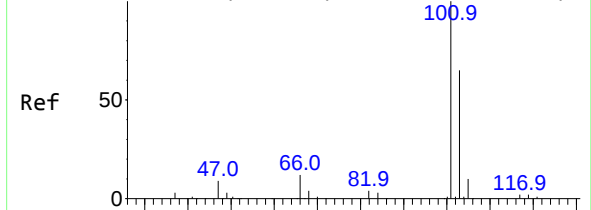
Quant Time: Nov 17 00:53:44 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
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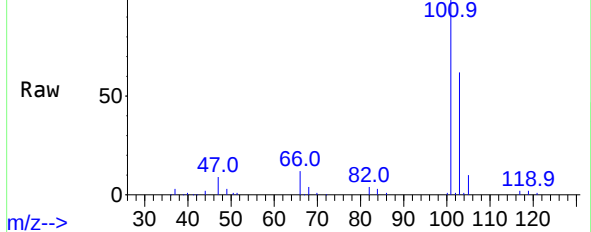


Abundance Scan 222 (1.754 min): VV023522.D\data.ms (-21



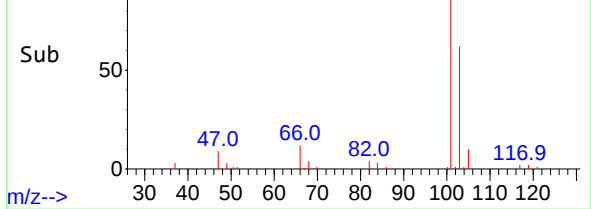
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Abundance Scan 221 (1.751 min): VV023538.D\data.ms



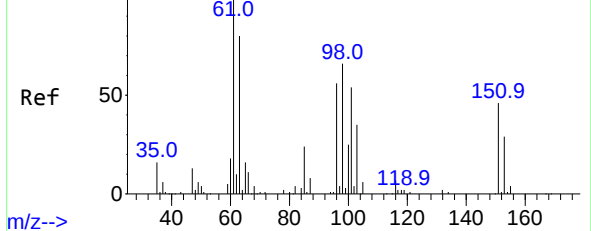
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Abundance Scan 221 (1.751 min): VV023538.D\data.ms (-12



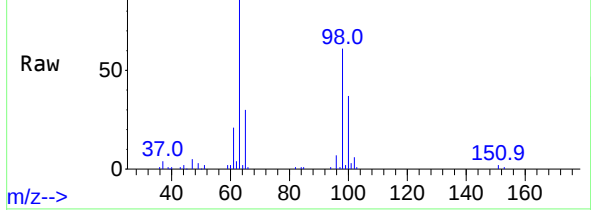
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Abundance Scan 335 (2.118 min): VV023522.D\data.ms (-32



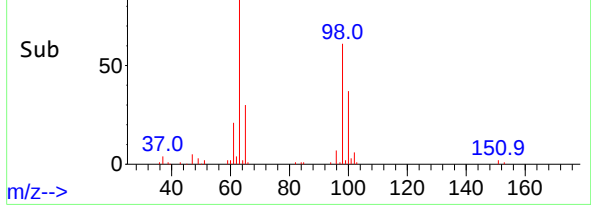
m/z-->

Abundance Scan 334 (2.114 min): VV023538.D\data.ms



m/z-->

Abundance Scan 334 (2.114 min): VV023538.D\data.ms (-24



m/z-->

#9

Trichlorofluoromethane

Concen: 4.575 ug/L

RT: 1.751 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV023538.D

Acq: 16 Nov 2021 16:49

Tgt Ion:101 Resp: 6630

Ion Ratio Lower Upper

101 100

103 63.3 52.6 79.0

Instrument :

MSVOA_V

ClientSampleId :

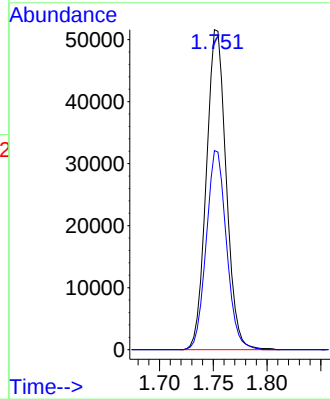
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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.165 ug/L

RT: 2.114 min Scan# 334

Delta R.T. -0.003 min

Lab File: VV023538.D

Acq: 16 Nov 2021 16:49

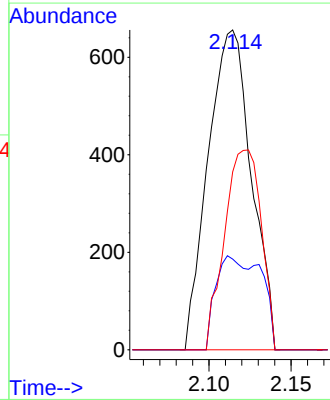
Tgt Ion:101 Resp: 1203

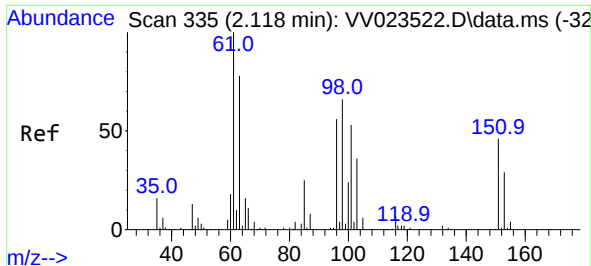
Ion Ratio Lower Upper

101 100

85 20.9 35.3 52.9#

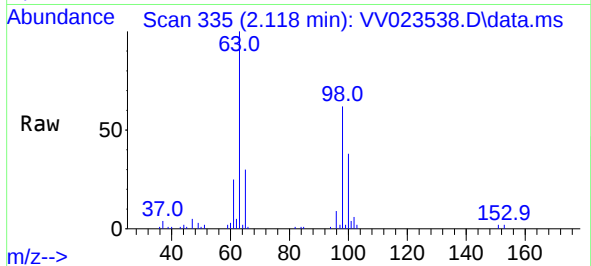
151 53.0 62.2 93.2#





#12
1,1-Dichloroethene
Concen: 0.384 ug/L
RT: 2.118 min Scan# 311
Delta R.T. 0.000 min
Lab File: VV023538.D
Acq: 16 Nov 2021 16:49

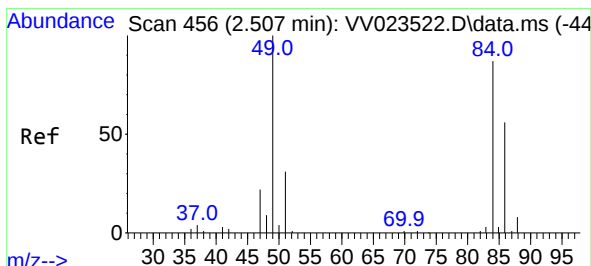
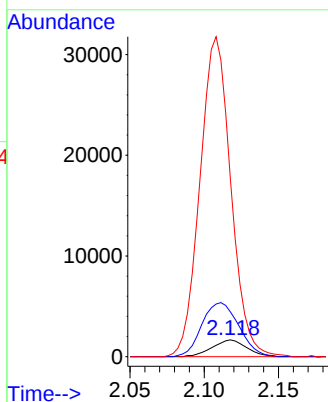
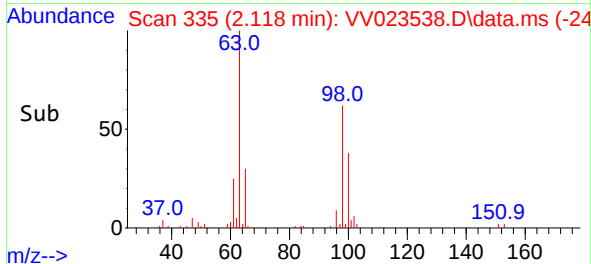
Instrument :
MSVOA_V
ClientSampleId :
BG208DL



Tgt Ion: 96 Resp: 2670
Ion Ratio Lower Upper
96 100
61 265.8 121.5 225.7
63 1056.9 99.6 185.0

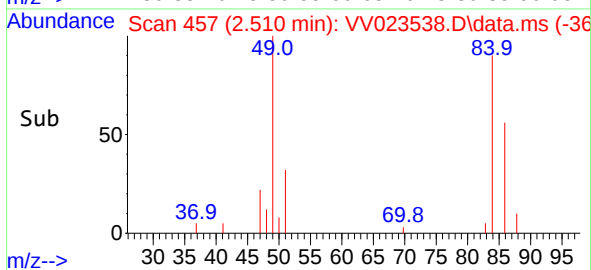
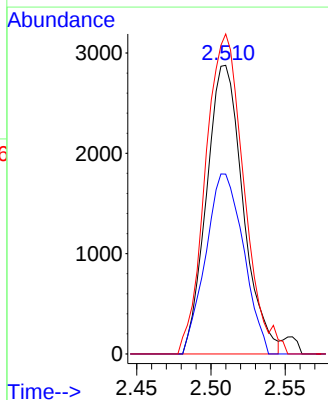
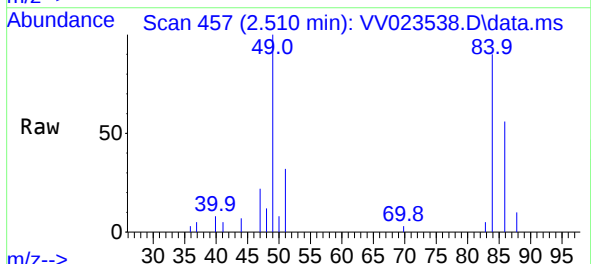
Manual Integrations
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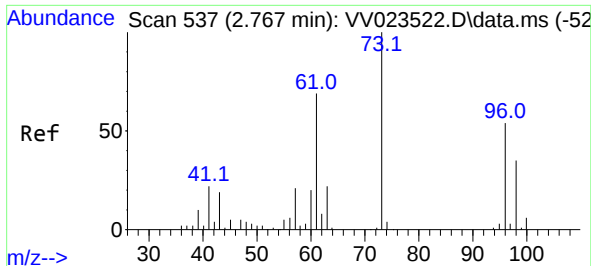
Reviewed By :John Carlone 11/17/2021
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#16
Methylene chloride
Concen: 0.486 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV023538.D
Acq: 16 Nov 2021 16:49

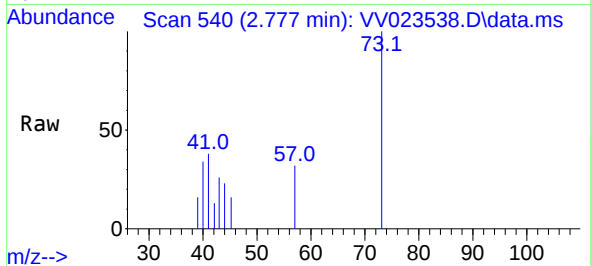
Tgt Ion: 84 Resp: 4928
Ion Ratio Lower Upper
84 100
86 62.3 42.3 78.5
49 110.8 79.7 148.1





#17
Methyl tert-butyl Ether
Concen: 0.140 ug/L
RT: 2.777 min Scan# 540
Delta R.T. 0.010 min
Lab File: VV023538.D
Acq: 16 Nov 2021 16:49

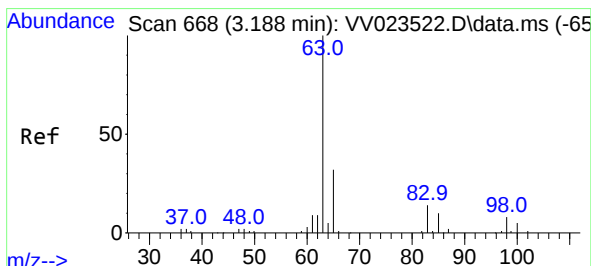
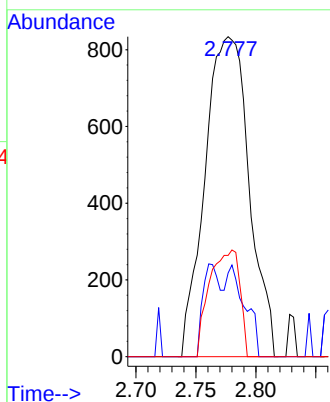
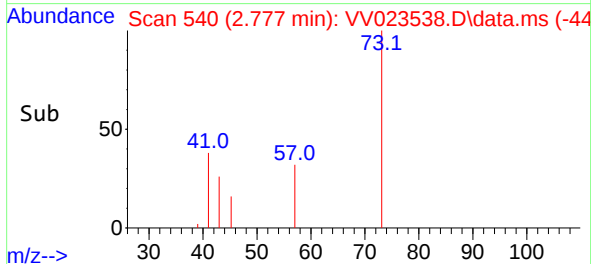
Instrument :
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ClientSampleId :
BG208DL



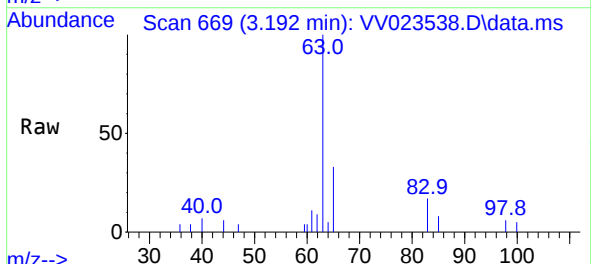
Tgt Ion: 73 Resp: 214
Ion Ratio Lower Upper
73 100
43 11.7 17.4 26.0
57 22.8 16.5 24.7

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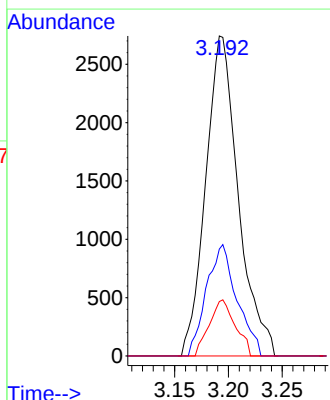
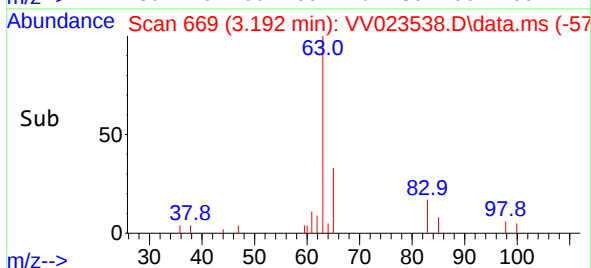
Reviewed By :John Carlone 11/17/2021
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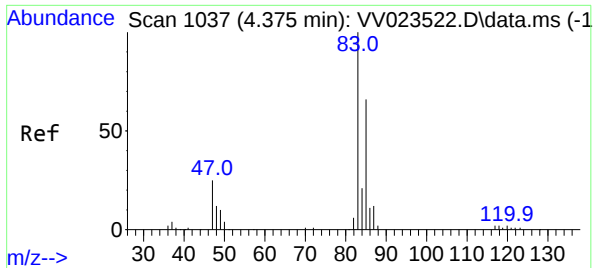


#19
1,1-Dichloroethane
Concen: 0.401 ug/L
RT: 3.192 min Scan# 669
Delta R.T. 0.003 min
Lab File: VV023538.D
Acq: 16 Nov 2021 16:49



Tgt Ion: 63 Resp: 5783
Ion Ratio Lower Upper
63 100
65 33.4 22.6 42.0
83 17.0 11.1 20.7





#25

Chloroform

Concen: 0.459 ug/L

RT: 4.375 min Scan# 1109

Delta R.T. 0.000 min

Lab File: VV023538.D

Acq: 16 Nov 2021 16:49

Instrument :

MSVOA_V

ClientSampleId :

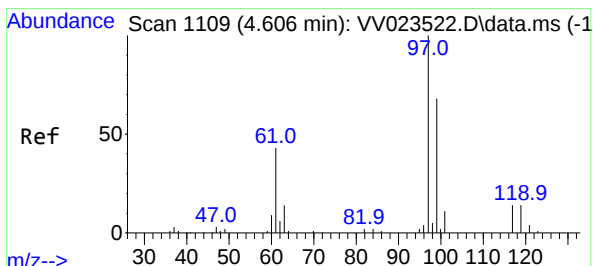
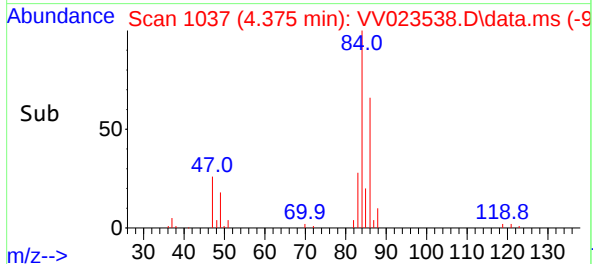
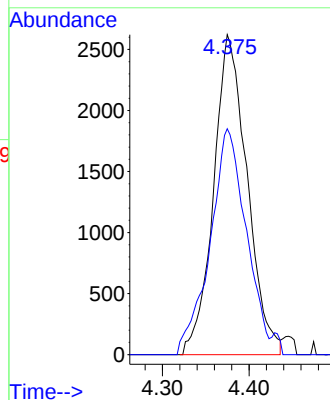
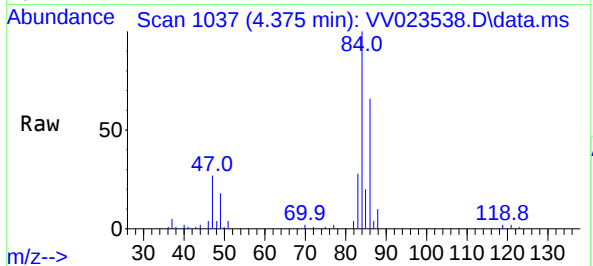
BG208DL

Tgt Ion: 83 Resp: 7049
 Ion Ratio Lower Upper
 83 100
 85 70.6 46.8 86.8

Manual Integrations

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#29

1,1,1-Trichloroethane

Concen: 0.129 ug/L

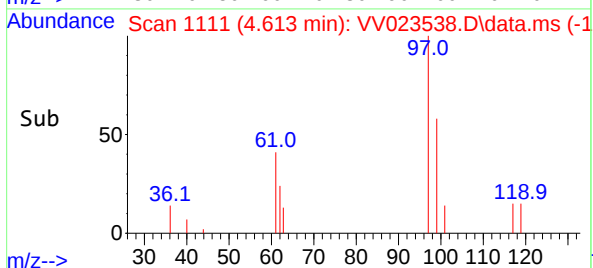
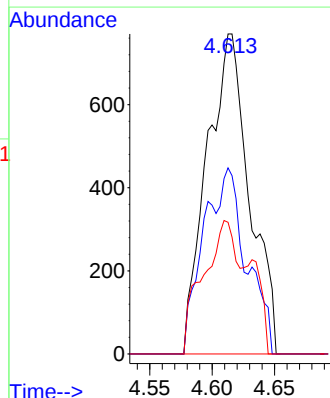
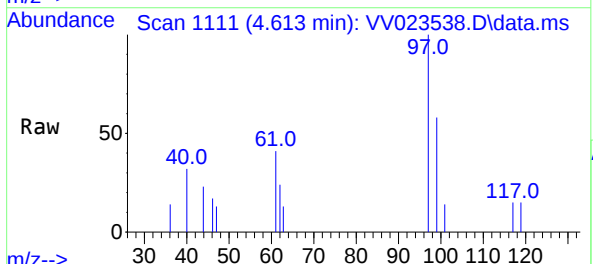
RT: 4.613 min Scan# 1111

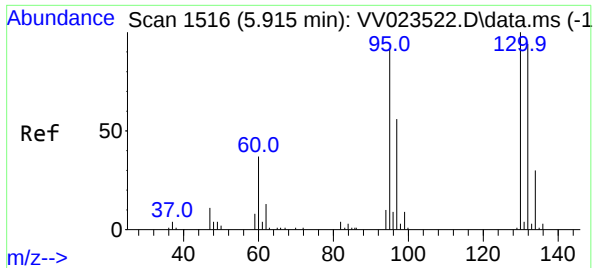
Delta R.T. 0.007 min

Lab File: VV023538.D

Acq: 16 Nov 2021 16:49

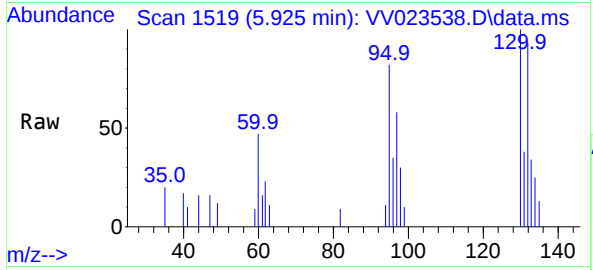
Tgt Ion: 97 Resp: 1827
 Ion Ratio Lower Upper
 97 100
 99 58.7 51.0 76.4
 61 32.9 34.1 51.1#





#34
 Trichloroethene
 Concen: 0.271 ug/L
 RT: 5.925 min Scan# 11
 Delta R.T. 0.010 min
 Lab File: VV023538.D
 Acq: 16 Nov 2021 16:49

Instrument :
 MSVOA_V
 ClientSampleId :
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Tgt Ion: 95 Resp: 2349

Ion	Ratio	Lower	Upper
95	100		
97	71.2	45.0	83.6
132	113.6	69.7	129.4
130	122.2	73.7	136.9

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