

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111521\
 Data File : VW023473.D
 Acq On : 15 Nov 2021 11:32
 Operator : SY/MD
 Sample : M4616-05DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG1X8DL

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/16/2021
 Supervised By : Mahesh Dadoda 11/16/2021

Quant Time: Nov 16 00:30:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 16 00:29:25 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	120999	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	122059	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	54477	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	45756	6.036	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	120.800%	
7) Chloroethane-d5	1.568	69	34476	5.581	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	111.600%	
11) 1,1-Dichloroethene-d2	2.108	63	61030	4.301	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	86.000%	
20) 2-Butanone-d5	3.918	46	55590m	42.568	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	85.140%	
24) Chloroform-d	4.352	84	78714	4.873	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.400%	
26) 1,2-Dichloroethane-d4	5.037	65	37816	5.206	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	104.200%	
32) Benzene-d6	5.053	84	158876	5.073	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.400%	
36) 1,2-Dichloropropane-d6	6.072	67	45939	4.983	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	99.600%	
41) Toluene-d8	7.317	98	139678	4.759	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.200%	
43) trans-1,3-Dichloroprop...	7.625	79	16909	4.837	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	96.800%	
46) 2-Hexanone-d5	8.095	63	47927	37.263	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	74.520%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	28237	4.259	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	85.200%	
66) 1,2-Dichlorobenzene-d4	11.625	152	49042	5.406	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	108.200%	
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.754	101	116142	7.715	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	2357	0.311	ug/L	91
12) 1,1-Dichloroethene	2.114	96	1339	0.186	ug/L #	1
16) Methylene chloride	2.510	84	5674	0.539	ug/L	95
17) Methyl tert-butyl Ether	2.777	73	2491	0.157	ug/L #	93
19) 1,1-Dichloroethane	3.198	63	3774	0.252	ug/L	96
22) cis-1,2-Dichloroethene	3.918	96	6871	0.805	ug/L #	78
34) Trichloroethene	5.915	95	92273	10.171	ug/L	98
47) Tetrachloroethene	7.979	164	7202	0.916	ug/L	97

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

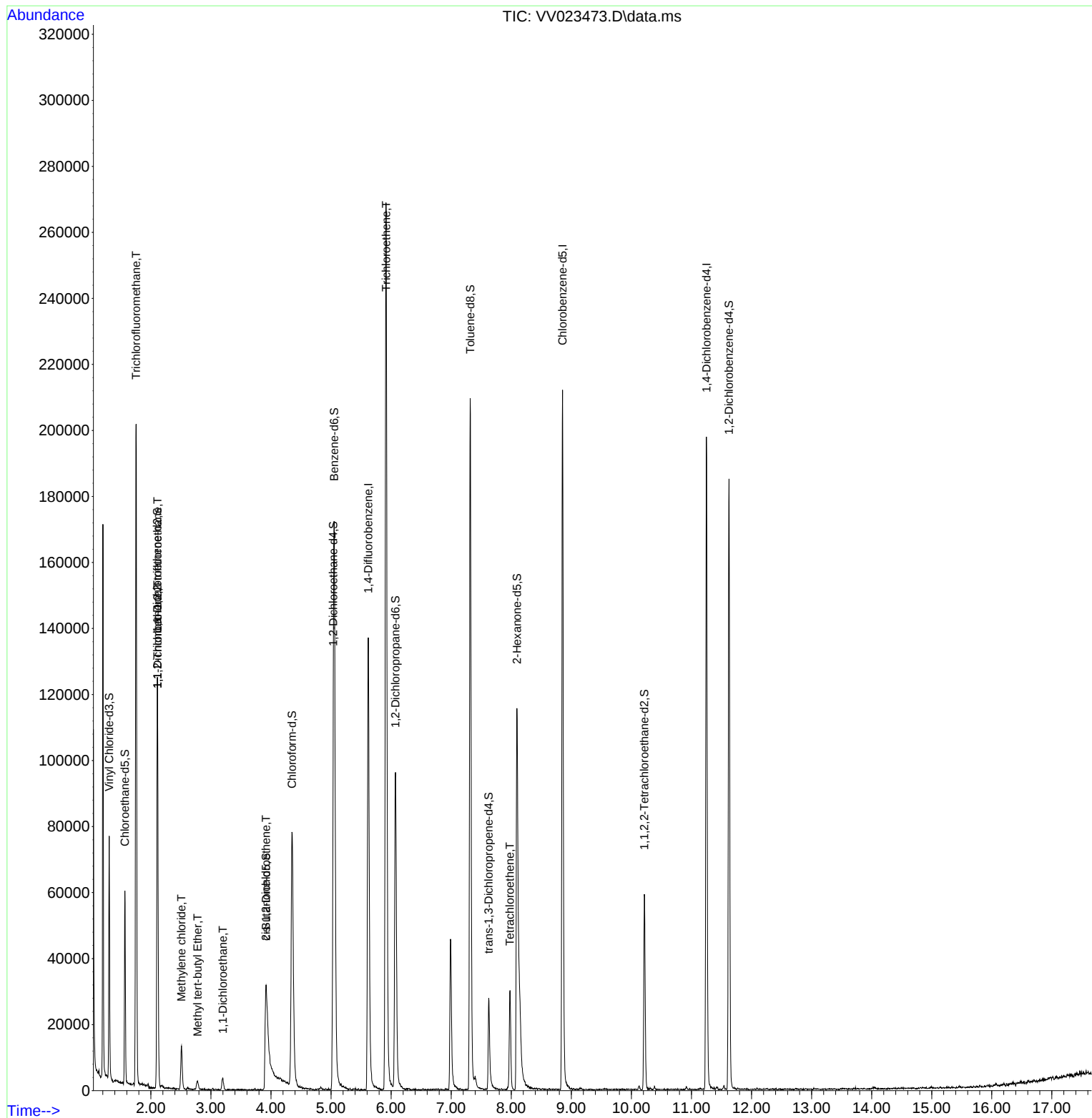
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111521\
Data File : VV023473.D
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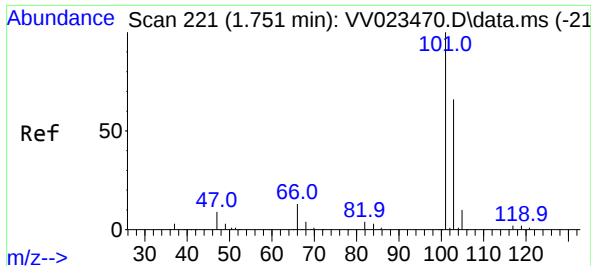
Instrument :
MSVOA_V
ClientSampleId :
BG1X8DL

Quant Time: Nov 16 00:30:54 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
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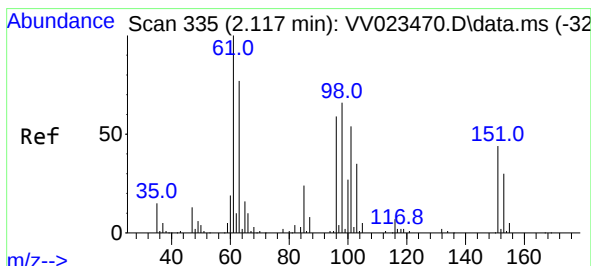
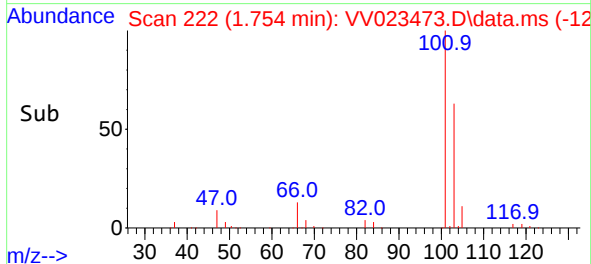
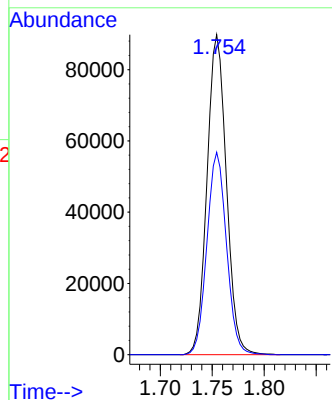
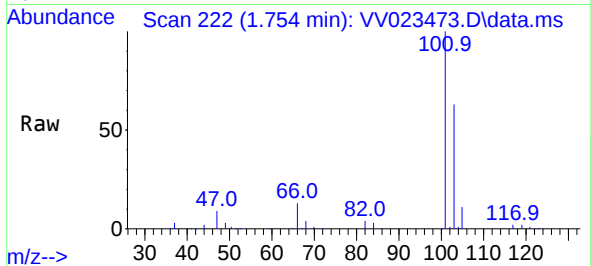
#9
Trichlorofluoromethane
Concen: 7.715 ug/L
RT: 1.754 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV023473.D
Acq: 15 Nov 2021 11:32

Instrument :
MSVOA_V
ClientSampleId :
BG1X8DL

Tgt Ion:101 Resp: 11614
Ion Ratio Lower Upper
101 100
103 63.9 52.6 79.0

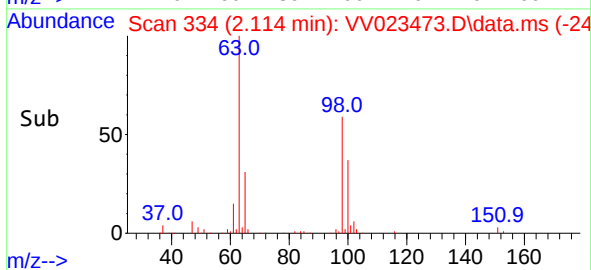
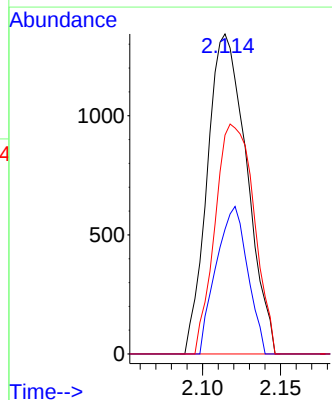
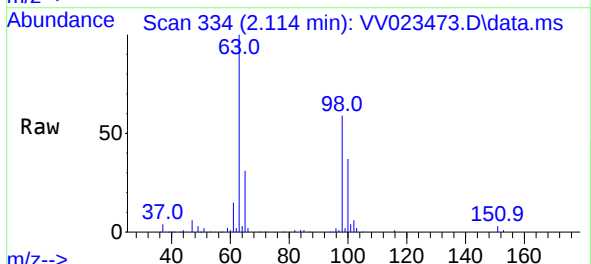
Manual Integrations
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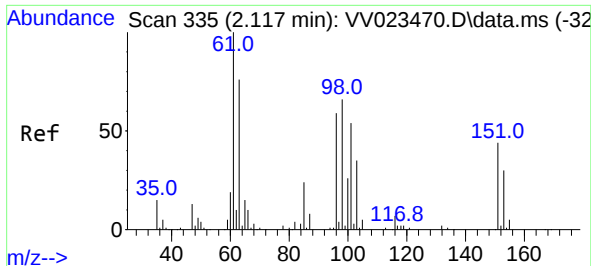
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/16/2021



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.311 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.003 min
Lab File: VV023473.D
Acq: 15 Nov 2021 11:32

Tgt Ion:101 Resp: 2357
Ion Ratio Lower Upper
101 100
85 36.8 35.3 52.9
151 71.2 62.2 93.2





#12

1,1-Dichloroethene

Concen: 0.186 ug/L

RT: 2.114 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV023473.D

Acq: 15 Nov 2021 11:32

Instrument :

MSVOA_V

ClientSampleId :

BG1X8DL

Tgt Ion: 96 Resp: 1339

Ion Ratio Lower Upper

96 100

61 606.5 121.5 225.7

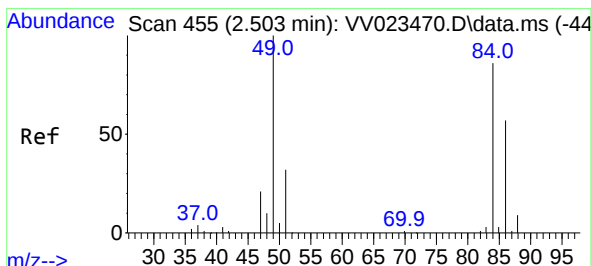
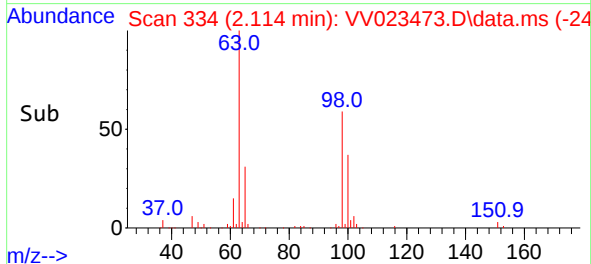
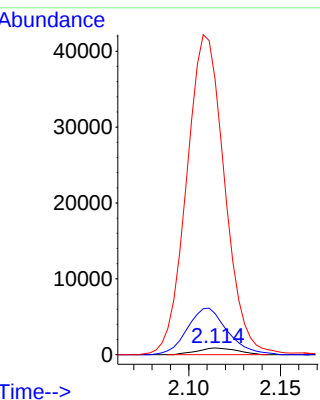
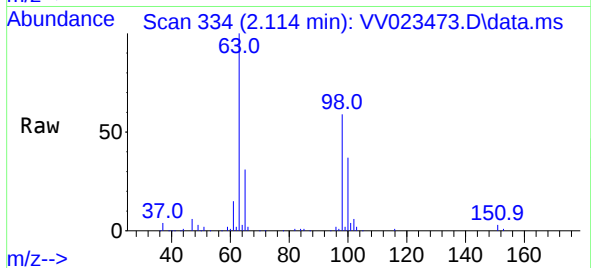
63 4065.4 99.6 185.0

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#16

Methylene chloride

Concen: 0.539 ug/L

RT: 2.510 min Scan# 457

Delta R.T. 0.007 min

Lab File: VV023473.D

Acq: 15 Nov 2021 11:32

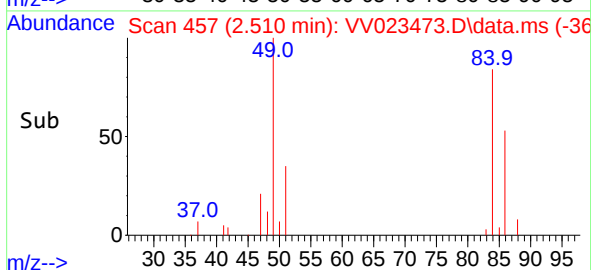
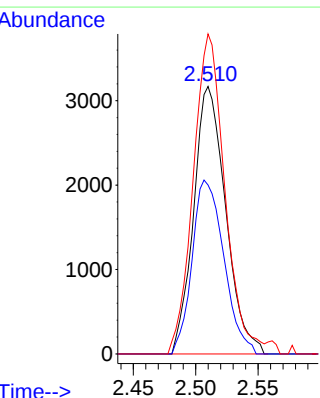
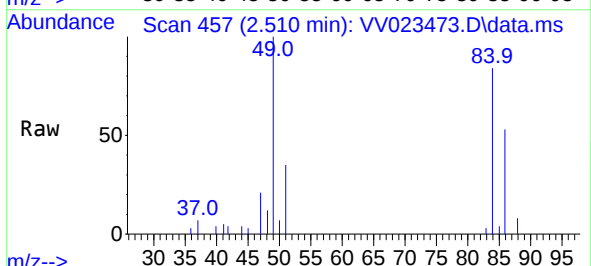
Tgt Ion: 84 Resp: 5674

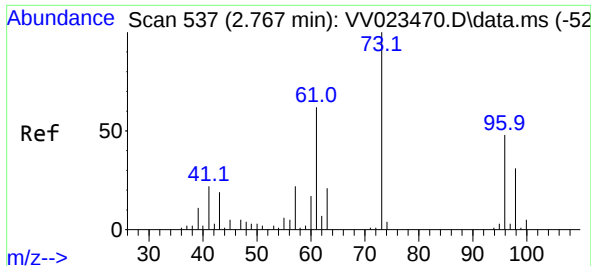
Ion Ratio Lower Upper

84 100

86 63.2 42.3 78.5

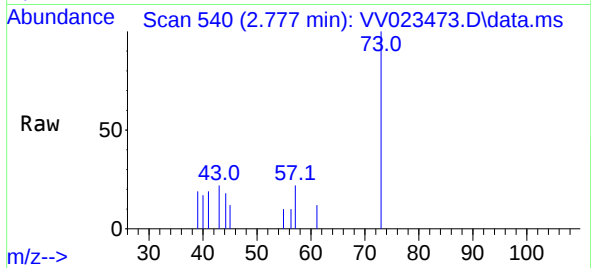
49 119.6 79.7 148.1





#17
Methyl tert-butyl Ether
Concen: 0.157 ug/L
RT: 2.777 min Scan# 54
Delta R.T. 0.010 min
Lab File: VV023473.D
Acq: 15 Nov 2021 11:32

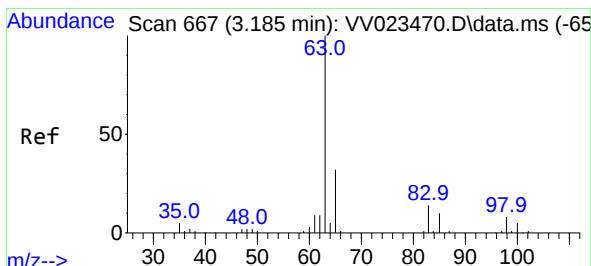
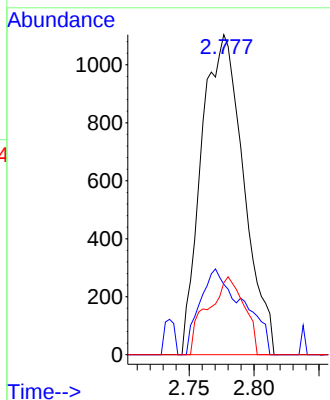
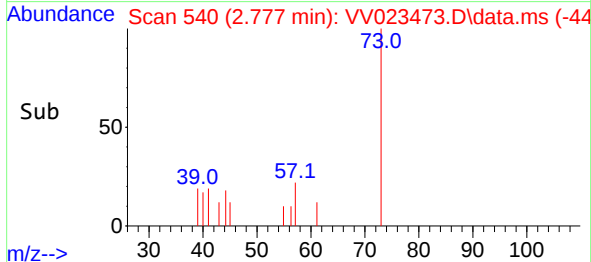
Instrument :
MSVOA_V
ClientSampleId :
BG1X8DL



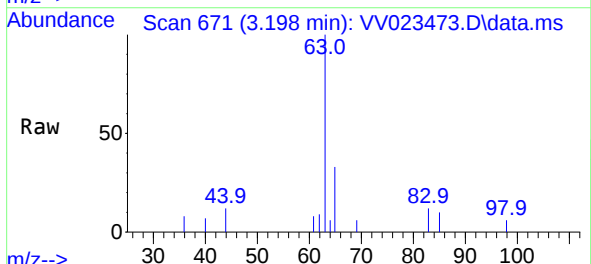
Tgt Ion: 73 Resp: 249
Ion Ratio Lower Upper
73 100
43 27.6 17.4 26.0
57 21.0 16.5 24.7

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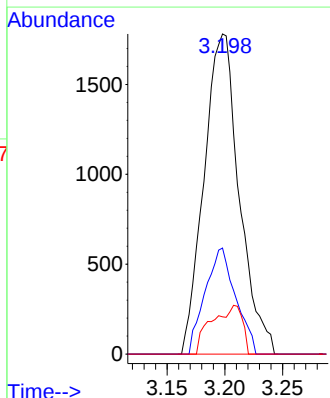
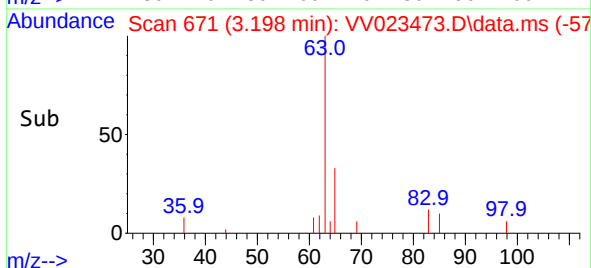
Reviewed By :John Carlone 11/16/2021
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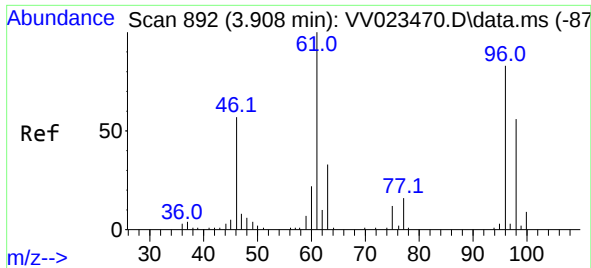


#19
1,1-Dichloroethane
Concen: 0.252 ug/L
RT: 3.198 min Scan# 671
Delta R.T. 0.013 min
Lab File: VV023473.D
Acq: 15 Nov 2021 11:32



Tgt Ion: 63 Resp: 3774
Ion Ratio Lower Upper
63 100
65 33.1 22.6 42.0
83 11.6 11.1 20.7





#22

cis-1,2-Dichloroethene

Concen: 0.805 ug/L

RT: 3.918 min Scan# 892

Delta R.T. 0.010 min

Lab File: VV023473.D

Acq: 15 Nov 2021 11:32

Instrument :

MSVOA_V

ClientSampleId :

BG1X8DL

Tgt Ion: 96 Resp: 687

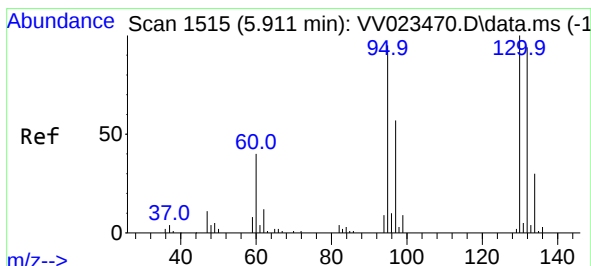
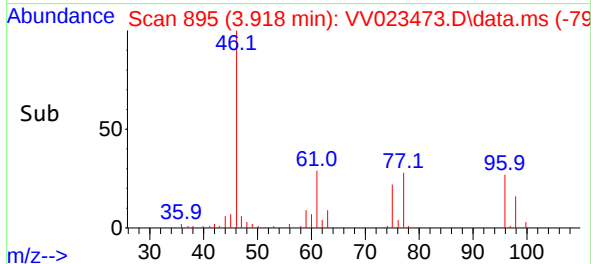
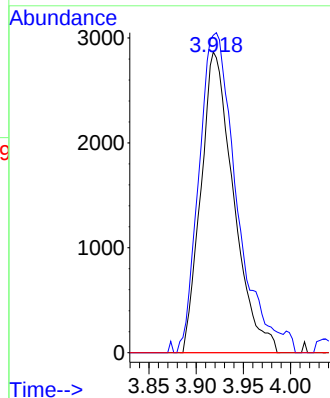
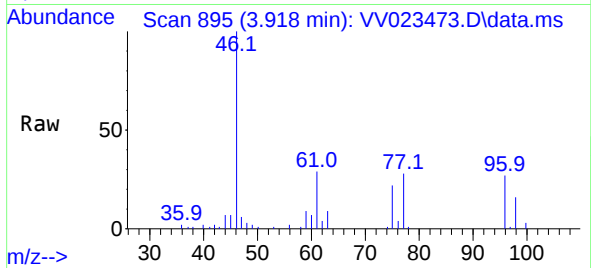
Ion	Ratio	Lower	Upper
96	100		
61	105.5	92.3	171.3
68	0.0	0.4	0.8

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#34

Trichloroethene

Concen: 10.171 ug/L

RT: 5.915 min Scan# 1516

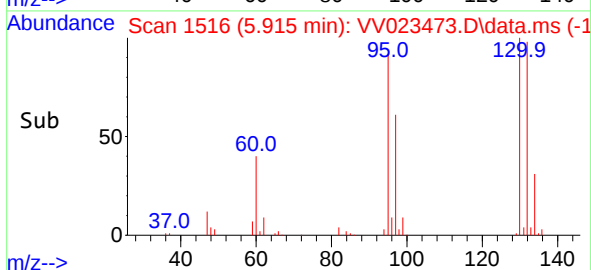
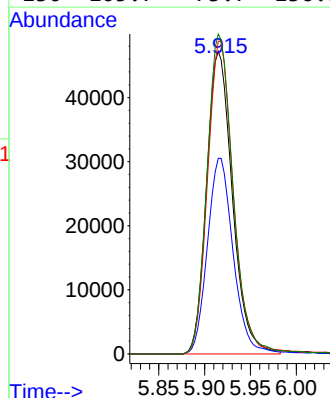
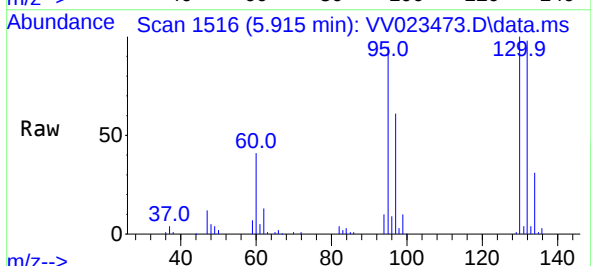
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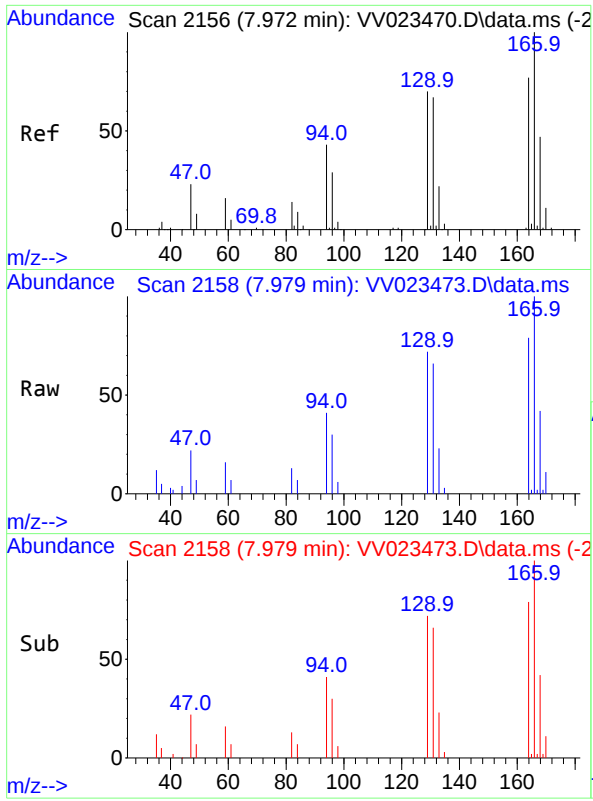
Lab File: VV023473.D

Acq: 15 Nov 2021 11:32

Tgt Ion: 95 Resp: 92273

Ion	Ratio	Lower	Upper
95	100		
97	64.6	45.0	83.6
132	103.3	69.7	129.4
130	105.7	73.7	136.9





#47
Tetrachloroethene
Concen: 0.916 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.007 min
Lab File: VV023473.D
Acq: 15 Nov 2021 11:32

Instrument :
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Tgt Ion:164	Resp:	720
Ion	Ratio	Lower Upper
164	100	
129	90.8	64.0 119.0
131	83.8	63.4 117.8
166	126.7	89.3 165.9

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