

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111621\
 Data File : VW023543.D
 Acq On : 16 Nov 2021 18:49
 Operator : SY/MD
 Sample : M4617-14DL 20X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG218DL

Manual Integrations
 APPROVED

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

Quant Time: Nov 17 00:54:47 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	117117	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	118192	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	51060	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	28198	3.843	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	76.800%	
7) Chloroethane-d5	1.568	69	25414	4.250	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	85.000%	
11) 1,1-Dichloroethene-d2	2.108	63	40988	2.984	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	59.600%#	
20) 2-Butanone-d5	3.918	46	50072m	39.613	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	79.220%	
24) Chloroform-d	4.349	84	61228	3.916	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	78.400%	
26) 1,2-Dichloroethane-d4	5.037	65	31663	4.503	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.000%	
32) Benzene-d6	5.050	84	119511	3.941	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	78.800%	
36) 1,2-Dichloropropane-d6	6.072	67	37598	4.212	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	84.200%	
41) Toluene-d8	7.317	98	103598	3.646	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	73.000%	
43) trans-1,3-Dichloroprop...	7.629	79	13078	3.864	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	77.200%	
46) 2-Hexanone-d5	8.095	63	44040	35.361	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	70.720%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	24243	3.776	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	75.600%	
66) 1,2-Dichlorobenzene-d4	11.625	152	40497	4.763	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	95.200%	
Target Compounds						
9) Trichlorofluoromethane	1.754	101	135173	9.277	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	2885	0.393	ug/L #	88
16) Methylene chloride	2.510	84	4534	0.445	ug/L	97
17) Methyl tert-butyl Ether	2.773	73	2343	0.152	ug/L	95
19) 1,1-Dichloroethane	3.195	63	1966	0.136	ug/L	97
25) Chloroform	4.381	83	7406	0.479	ug/L	96
34) Trichloroethene	5.918	95	10873	1.238	ug/L	99

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

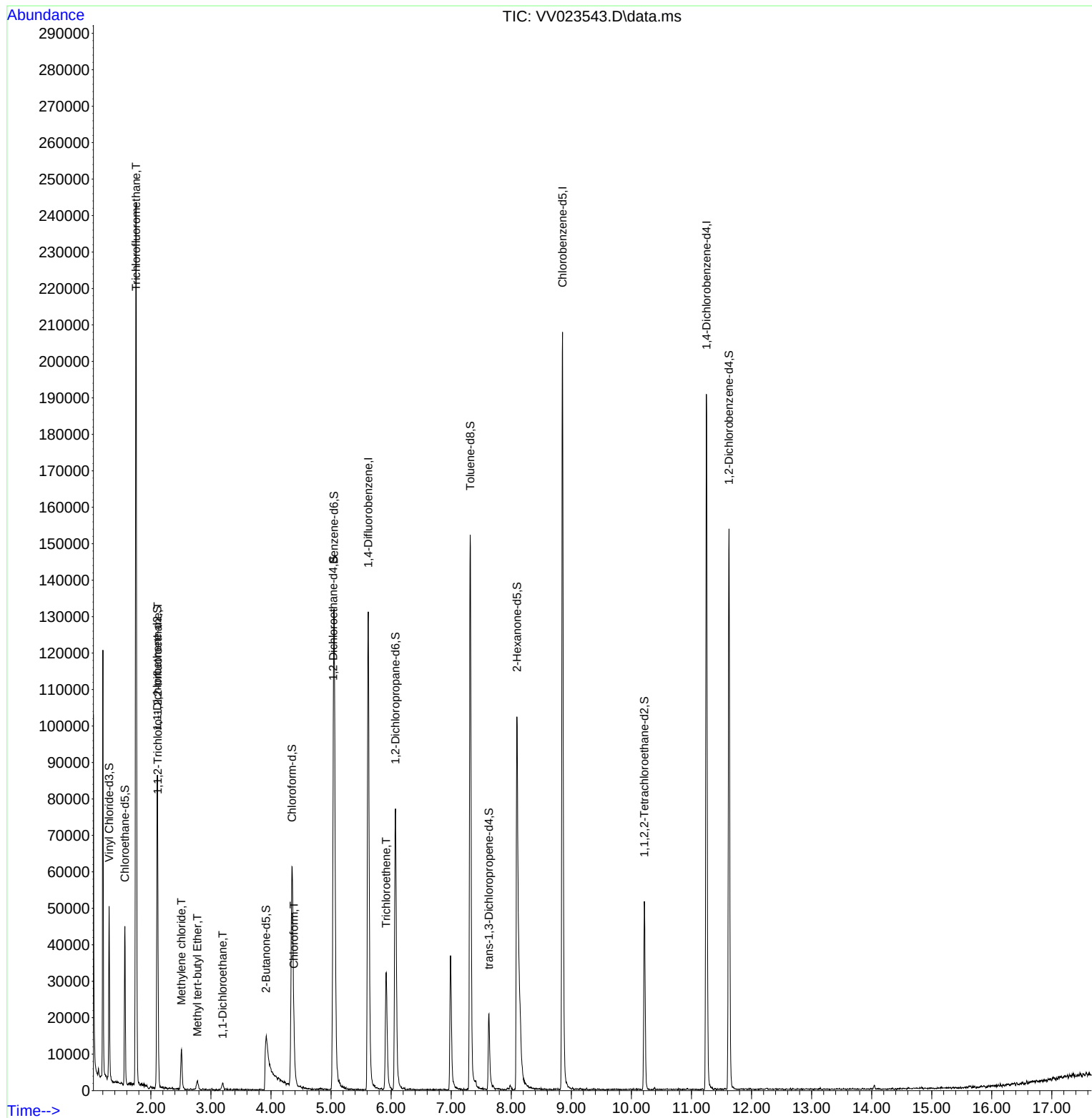
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111621\
Data File : VV023543.D
Acq On : 16 Nov 2021 18:49
Operator : SY/MD
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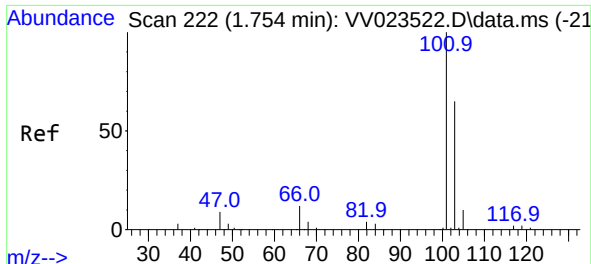
Instrument :
MSVOA_V
ClientSampleId :
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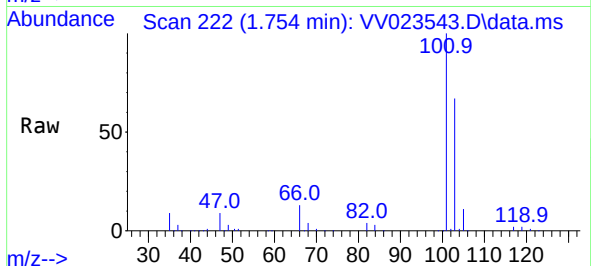
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 17 00:48:57 2021
Response via : Initial Calibration





#9
Trichlorofluoromethane
Concen: 9.277 ug/L
RT: 1.754 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV023543.D
Acq: 16 Nov 2021 18:49

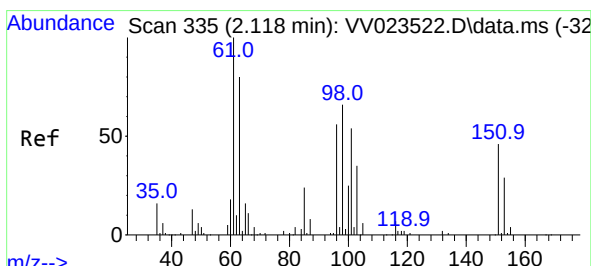
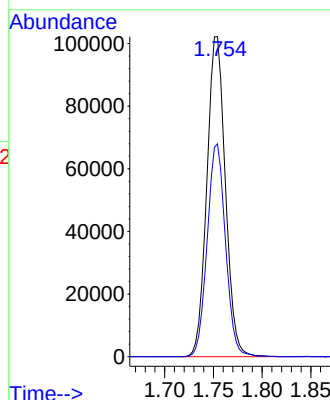
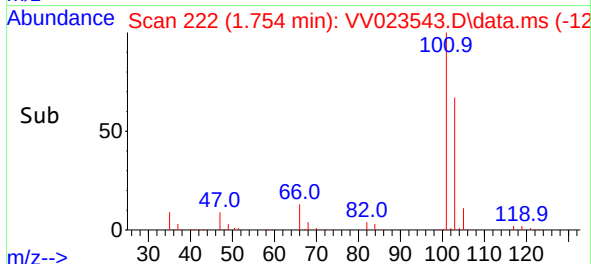
Instrument :
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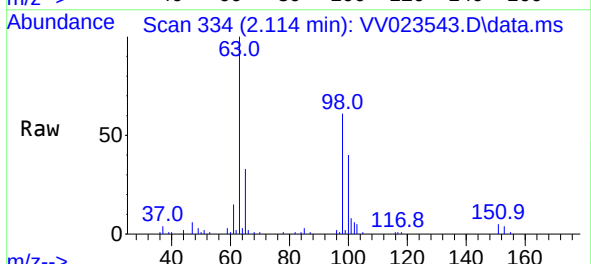
Tgt Ion:101 Resp: 13517
Ion Ratio Lower Upper
101 100
103 65.7 52.6 79.0

Manual Integrations
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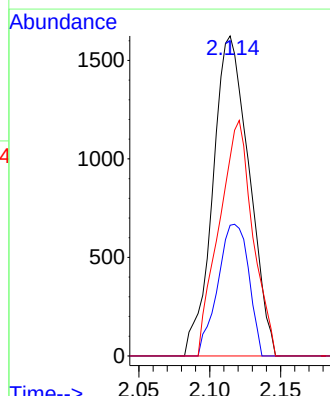
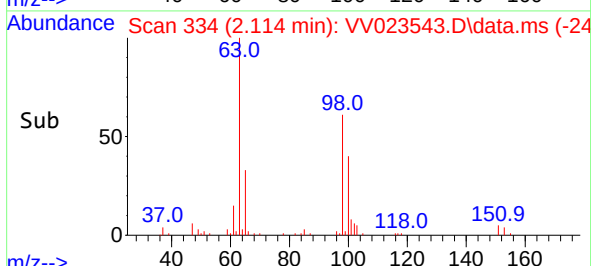
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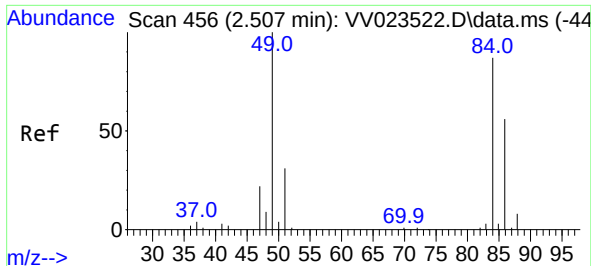


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.393 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.003 min
Lab File: VV023543.D
Acq: 16 Nov 2021 18:49



Tgt Ion:101 Resp: 2885
Ion Ratio Lower Upper
101 100
85 35.1 35.3 52.9#
151 68.3 62.2 93.2





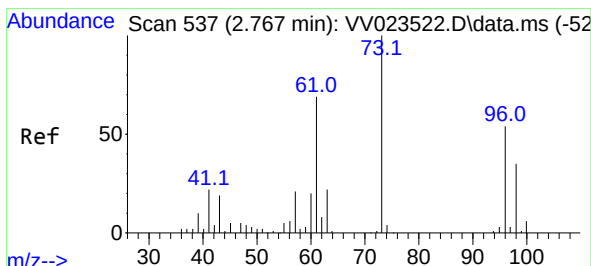
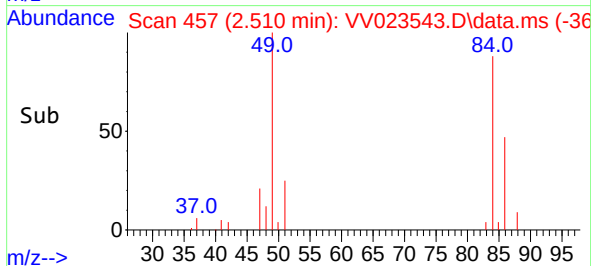
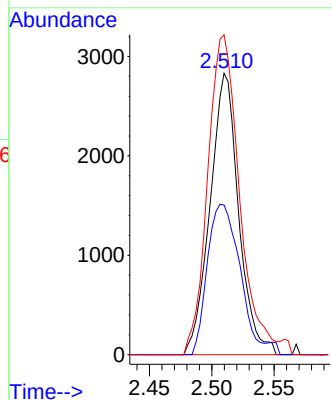
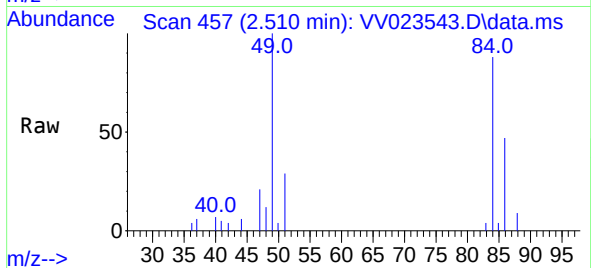
#16
Methylene chloride
Concen: 0.445 ug/L
RT: 2.510 min Scan# 453
Delta R.T. 0.003 min
Lab File: VV023543.D
Acq: 16 Nov 2021 18:49

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Tgt Ion: 84 Resp: 4534
Ion Ratio Lower Upper
84 100
86 53.2 42.3 78.5
49 113.7 79.7 148.1

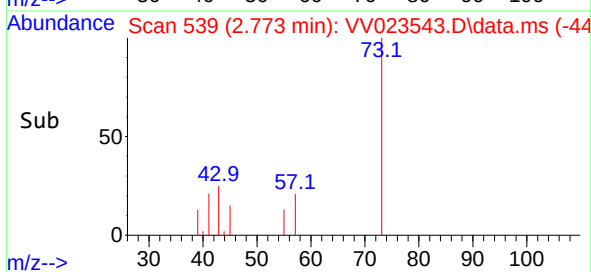
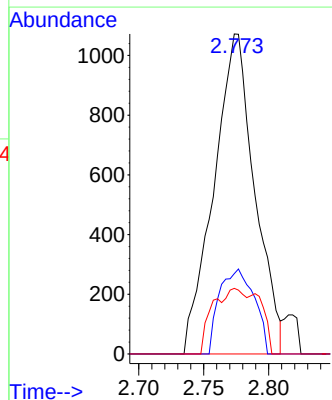
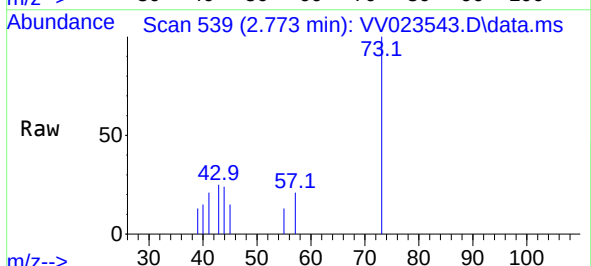
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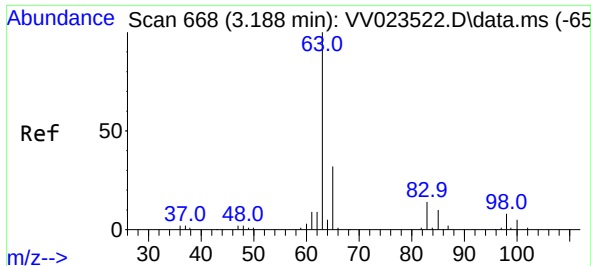
Reviewed By :John Carlone 11/17/2021
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#17
Methyl tert-butyl Ether
Concen: 0.152 ug/L
RT: 2.773 min Scan# 539
Delta R.T. 0.006 min
Lab File: VV023543.D
Acq: 16 Nov 2021 18:49

Tgt Ion: 73 Resp: 2343
Ion Ratio Lower Upper
73 100
43 22.6 17.4 26.0
57 16.5 16.5 24.7





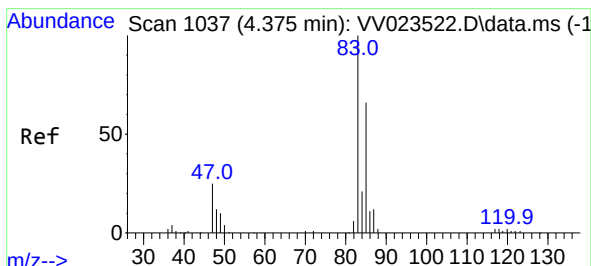
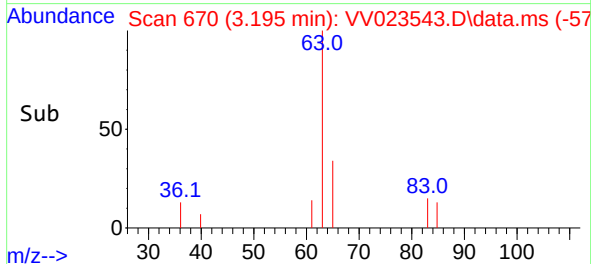
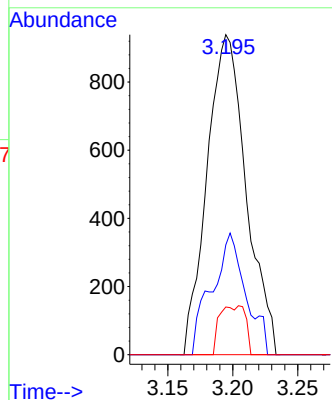
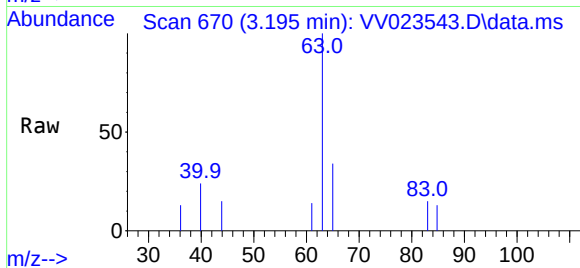
#19
1,1-Dichloroethane
Concen: 0.136 ug/L
RT: 3.195 min Scan# 61
Delta R.T. 0.006 min
Lab File: VV023543.D
Acq: 16 Nov 2021 18:49

Instrument :
MSVOA_V
ClientSampleId :
BG218DL

Tgt Ion: 63 Resp: 1960
Ion Ratio Lower Upper
63 100
65 34.3 22.6 42.0
83 14.9 11.1 20.7

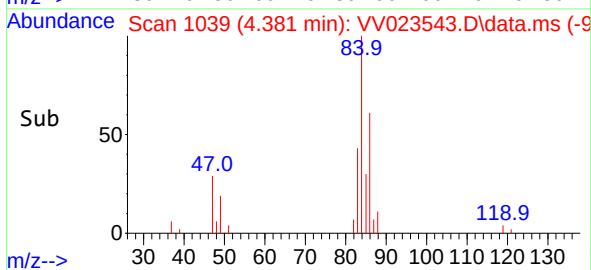
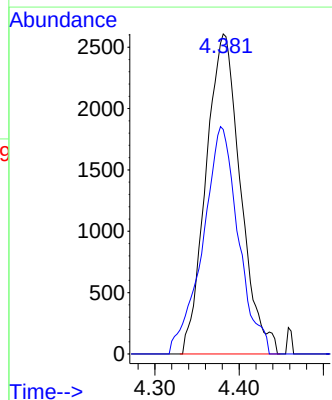
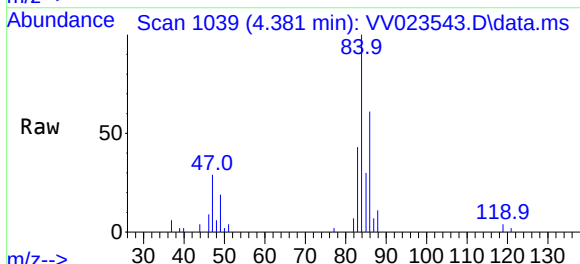
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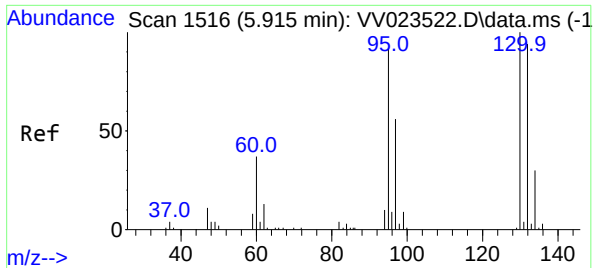
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#25
Chloroform
Concen: 0.479 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VV023543.D
Acq: 16 Nov 2021 18:49

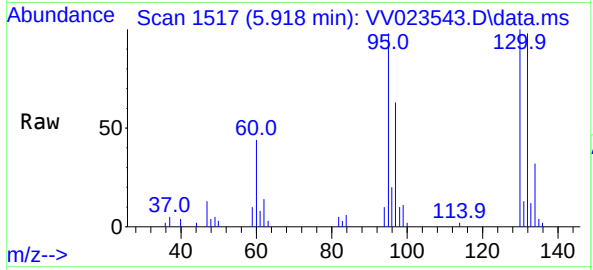
Tgt Ion: 83 Resp: 7406
Ion Ratio Lower Upper
83 100
85 70.1 46.8 86.8





#34
 Trichloroethene
 Concen: 1.238 ug/L
 RT: 5.918 min Scan# 11
 Delta R.T. 0.003 min
 Lab File: VV023543.D
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Instrument : MSVOA_V
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Tgt Ion: 95 Resp: 1087

Ion	Ratio	Lower	Upper
95	100		
97	64.5	45.0	83.6
132	99.3	69.7	129.4
130	101.7	73.7	136.9

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