

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111621\
 Data File : VW023544.D
 Acq On : 16 Nov 2021 19:13
 Operator : SY/MD
 Sample : M4616-18DL 05X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG203DL

Quant Time: Nov 17 00:55:00 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	94115	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	98618	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	49856	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	20363	3.454	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	69.000%	
7) Chloroethane-d5	1.561	69	18393	3.828	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	76.600%	
11) 1,1-Dichloroethene-d2	2.101	63	32152	2.913	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	58.200%#	
20) 2-Butanone-d5	4.005	46	57209m	56.321	ug/L	0.09
Spiked Amount	50.000	Range 40 - 130	Recovery	=	112.640%	
24) Chloroform-d	4.346	84	49315	3.925	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	78.400%	
26) 1,2-Dichloroethane-d4	5.037	65	28120	4.977	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.600%	
32) Benzene-d6	5.046	84	97182	3.841	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	76.800%	
36) 1,2-Dichloropropane-d6	6.072	67	30596	4.108	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	82.200%	
41) Toluene-d8	7.316	98	83108	3.505	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	70.000%	
43) trans-1,3-Dichloroprop...	7.628	79	12122	4.292	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	85.800%	
46) 2-Hexanone-d5	8.104	63	45934	44.203	ug/L	0.01
Spiked Amount	50.000	Range 45 - 130	Recovery	=	88.400%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	24062	4.492	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	89.800%	
66) 1,2-Dichlorobenzene-d4	11.625	152	40346	4.860	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	97.200%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	1464	0.160	ug/L	99
9) Trichlorofluoromethane	1.748	101	148418	12.676	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	2447	0.415	ug/L #	94
12) 1,1-Dichloroethene	2.111	96	1111	0.198	ug/L #	1
17) Methyl tert-butyl Ether	2.780	73	4981	0.403	ug/L #	87
19) 1,1-Dichloroethane	3.188	63	5929	0.509	ug/L	97
22) cis-1,2-Dichloroethene	3.924	96	667	0.100	ug/L #	65
25) Chloroform	4.381	83	5896	0.475	ug/L	98
34) Trichloroethene	5.918	95	7070	0.965	ug/L	100
47) Tetrachloroethene	7.979	164	1020	0.161	ug/L #	69

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

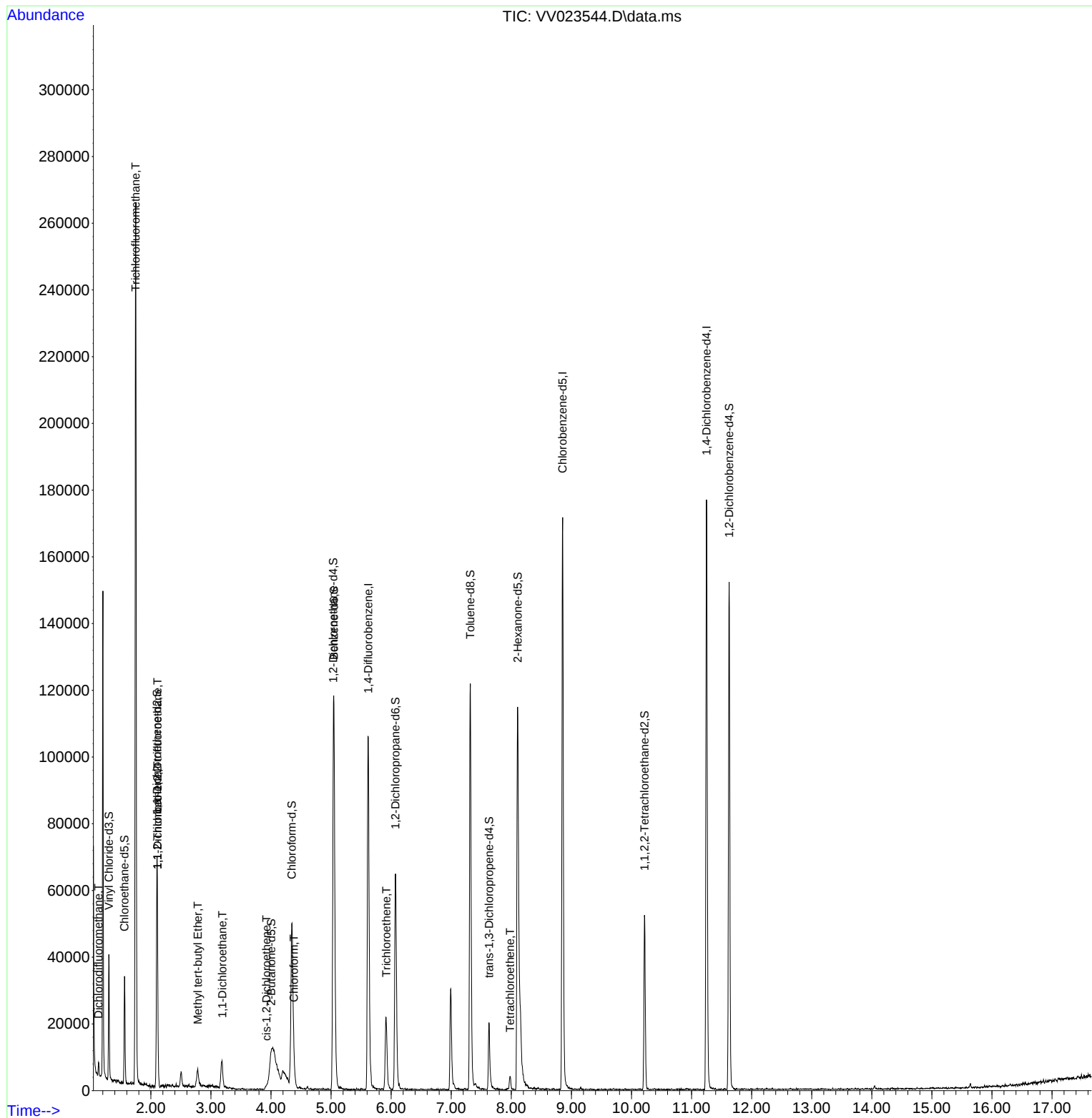
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111621\
Data File : VV023544.D
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Operator : SY/MD
Sample : M4616-18DL 05X
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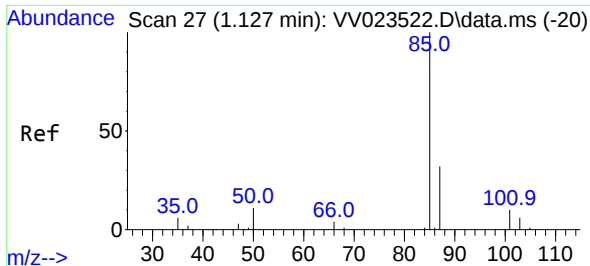
Instrument :
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ClientSampleId :
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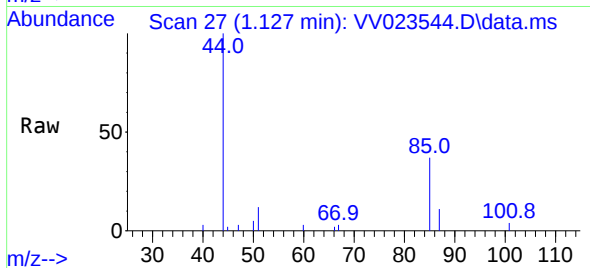
Quant Time: Nov 17 00:55:00 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 17 00:48:57 2021
Response via : Initial Calibration





#2
 Dichlorodifluoromethane
 Concen: 0.160 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV023544.D
 Acq: 16 Nov 2021 19:13

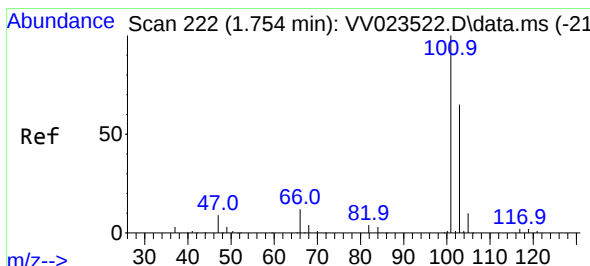
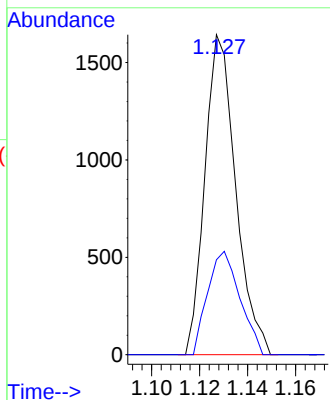
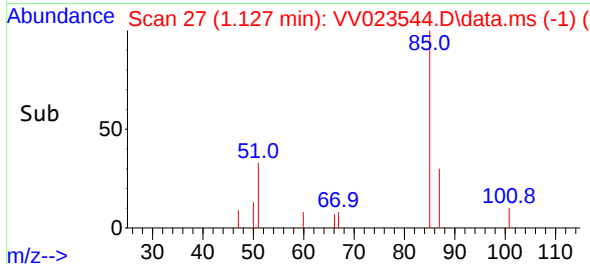
Instrument :
 MSVOA_V
 ClientSampleId :
 BG203DL



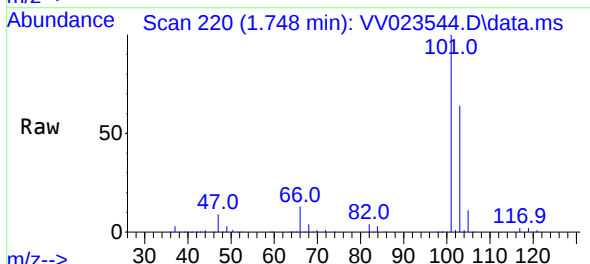
Tgt Ion: 85 Resp: 1464
 Ion Ratio Lower Upper
 85 100
 87 33.9 26.6 39.8

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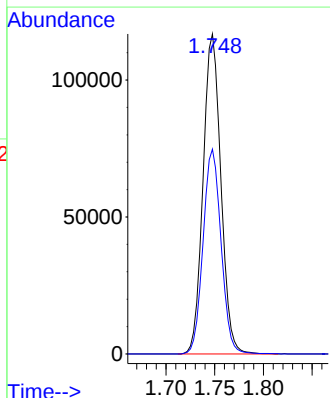
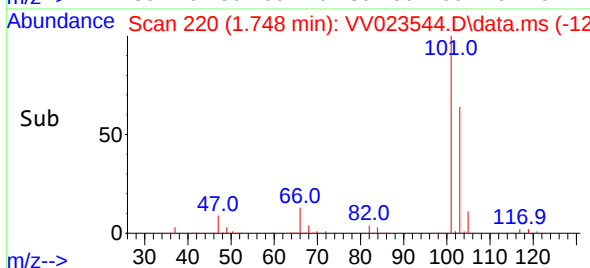
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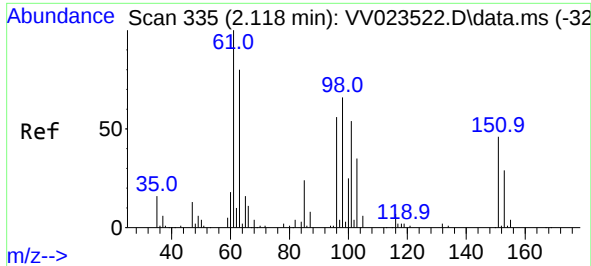


#9
 Trichlorofluoromethane
 Concen: 12.676 ug/L
 RT: 1.748 min Scan# 220
 Delta R.T. -0.007 min
 Lab File: VV023544.D
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Tgt Ion:101 Resp: 148418
 Ion Ratio Lower Upper
 101 100
 103 64.6 52.6 79.0





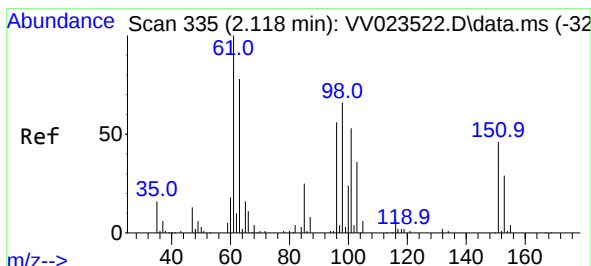
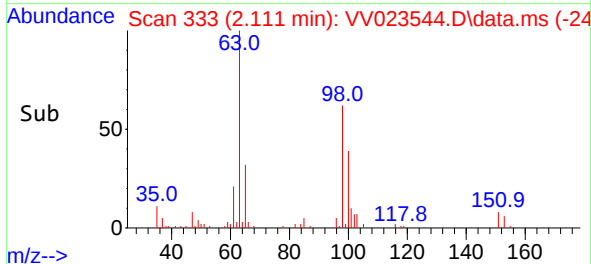
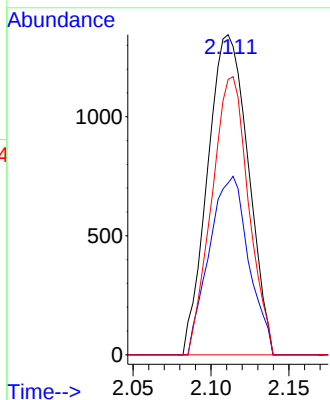
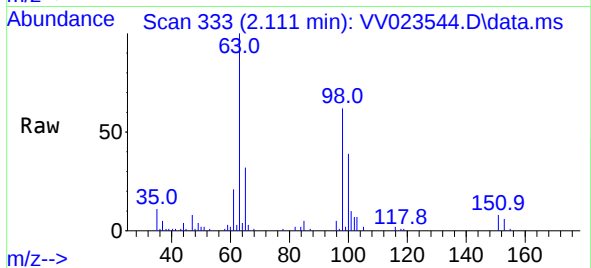
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.415 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.007 min
Lab File: VV023544.D
Acq: 16 Nov 2021 19:13

Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion:101 Resp: 244
Ion Ratio Lower Upper
101 100
85 53.9 35.3 52.9
151 78.5 62.2 93.2

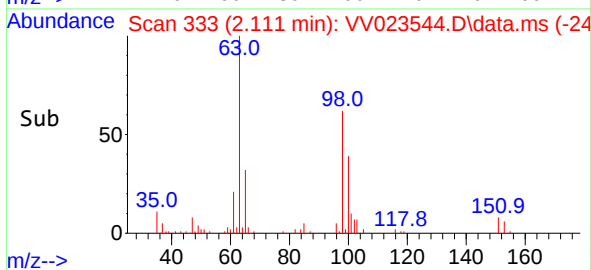
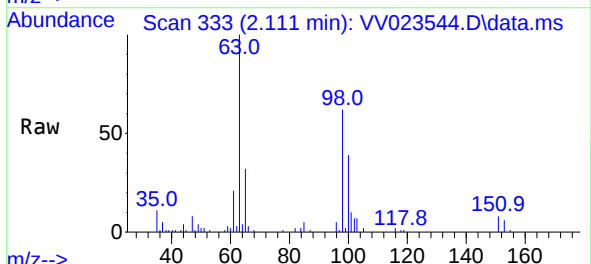
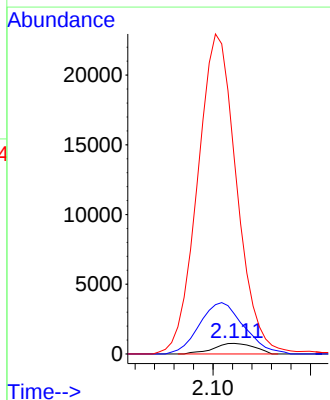
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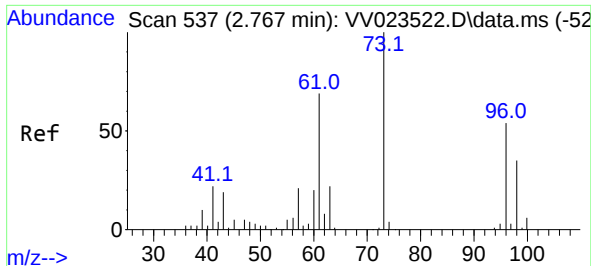
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#12
1,1-Dichloroethene
Concen: 0.198 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.007 min
Lab File: VV023544.D
Acq: 16 Nov 2021 19:13

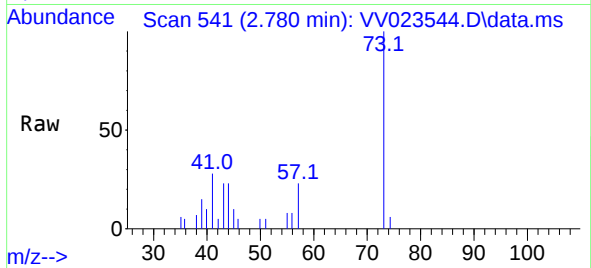
Tgt Ion: 96 Resp: 1111
Ion Ratio Lower Upper
96 100
61 378.8 121.5 225.7#
63 1846.6 99.6 185.0#





#17
Methyl tert-butyl Ether
Concen: 0.403 ug/L
RT: 2.780 min Scan# 541
Delta R.T. 0.013 min
Lab File: VV023544.D
Acq: 16 Nov 2021 19:13

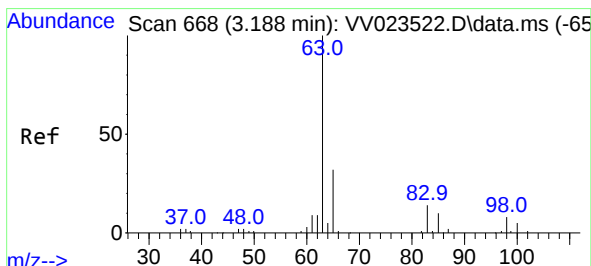
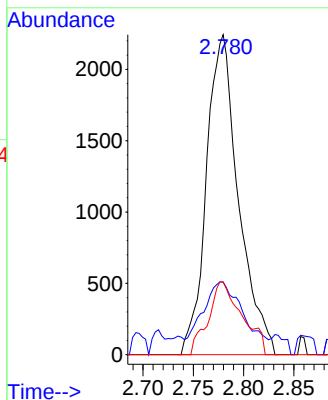
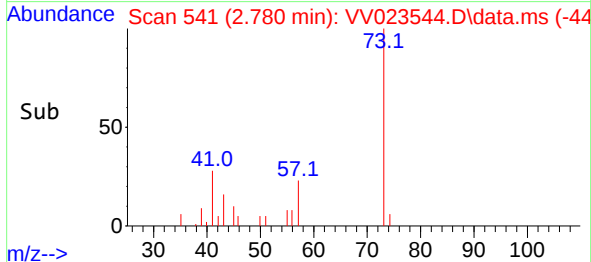
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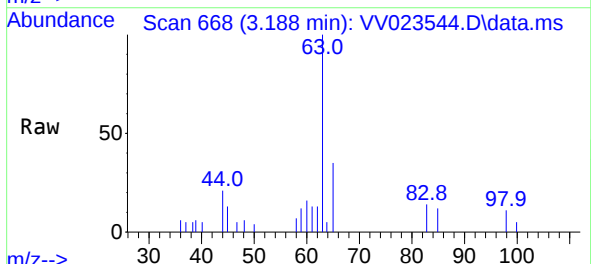
Tgt Ion: 73 Resp: 498
Ion Ratio Lower Upper
73 100
43 30.0 17.4 26.0
57 24.0 16.5 24.7

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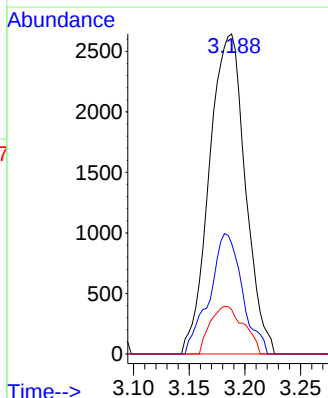
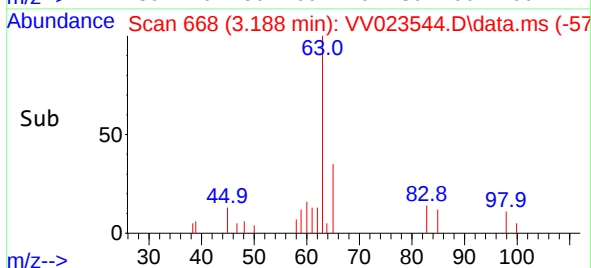
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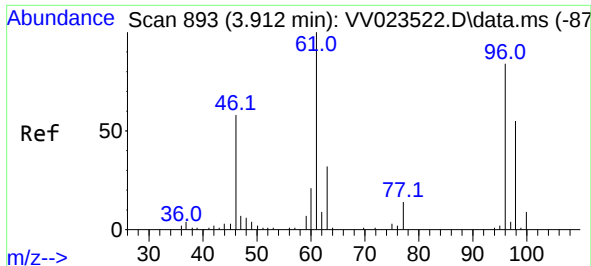


#19
1,1-Dichloroethane
Concen: 0.509 ug/L
RT: 3.188 min Scan# 668
Delta R.T. -0.000 min
Lab File: VV023544.D
Acq: 16 Nov 2021 19:13



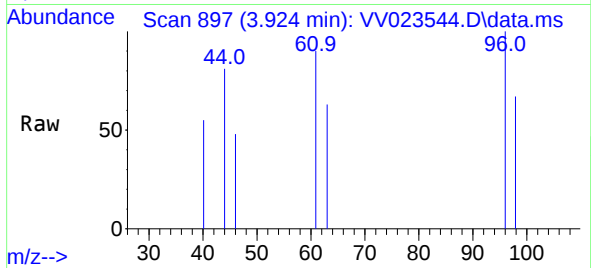
Tgt Ion: 63 Resp: 5929
Ion Ratio Lower Upper
63 100
65 32.8 22.6 42.0
83 13.2 11.1 20.7





#22
cis-1,2-Dichloroethene
Concen: 0.100 ug/L
RT: 3.924 min Scan# 897
Delta R.T. 0.013 min
Lab File: VV023544.D
Acq: 16 Nov 2021 19:13

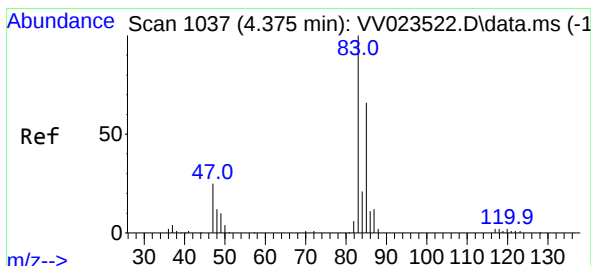
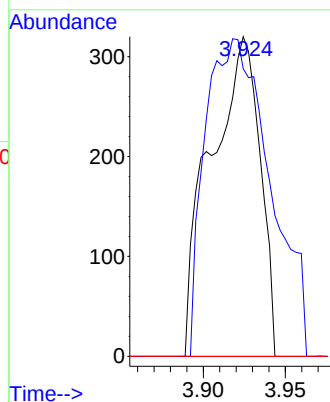
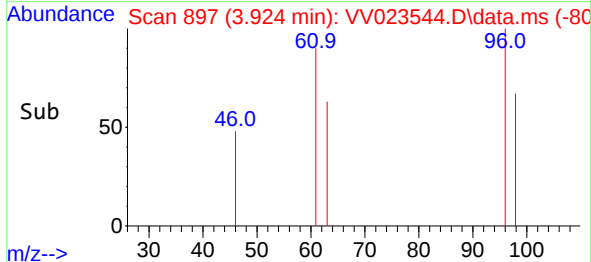
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MSVOA_V
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Tgt Ion: 96 Resp: 66
Ion Ratio Lower Upper
96 100
61 90.0 92.3 171.3
68 0.0 0.4 0.8

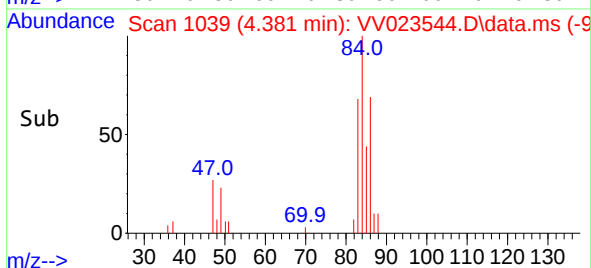
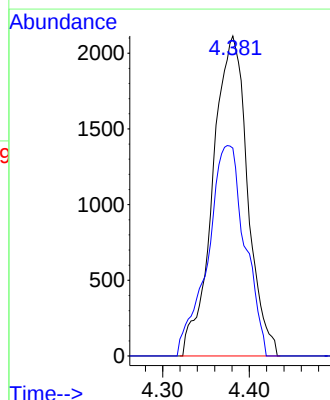
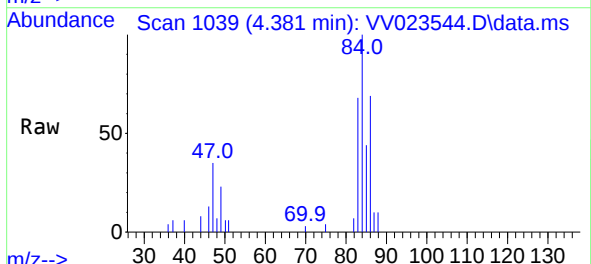
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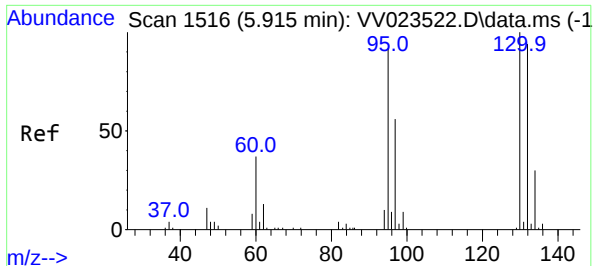
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#25
Chloroform
Concen: 0.475 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VV023544.D
Acq: 16 Nov 2021 19:13

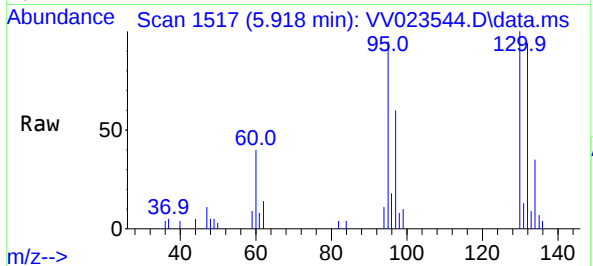
Tgt Ion: 83 Resp: 5896
Ion Ratio Lower Upper
83 100
85 64.9 46.8 86.8





#34
Trichloroethene
Concen: 0.965 ug/L
RT: 5.918 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV023544.D
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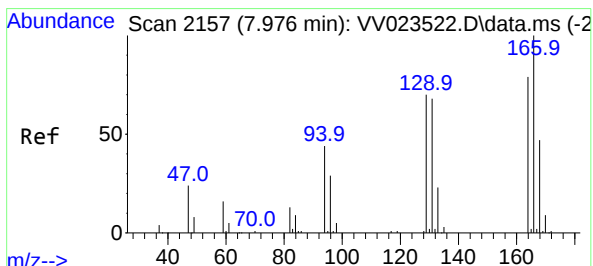
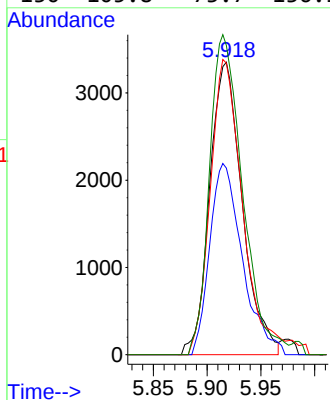
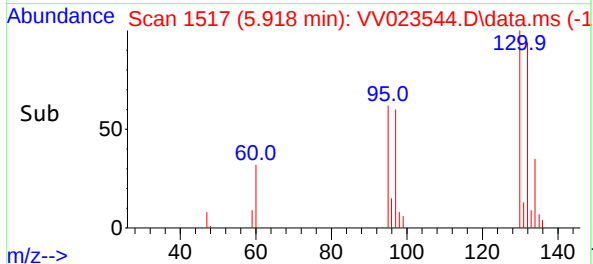
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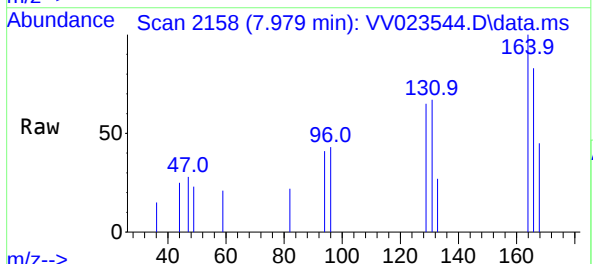
Tgt Ion: 95 Resp: 7070
Ion Ratio Lower Upper
95 100
97 63.8 45.0 83.6
132 99.7 69.7 129.4
130 105.8 73.7 136.9

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#47
Tetrachloroethene
Concen: 0.161 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV023544.D
Acq: 16 Nov 2021 19:13



Tgt Ion:164 Resp: 1020
Ion Ratio Lower Upper
164 100
129 65.2 64.0 119.0
131 67.4 63.4 117.8
166 82.5 89.3 165.9#

