

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072022\
 Data File : VW026850.D
 Acq On : 20 Jul 2022 15:32
 Operator : SY/MD
 Sample : N3802-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBHW7

Quant Time: Jul 21 01:50:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 21 01:47:16 2022
 Response via : Initial Calibration

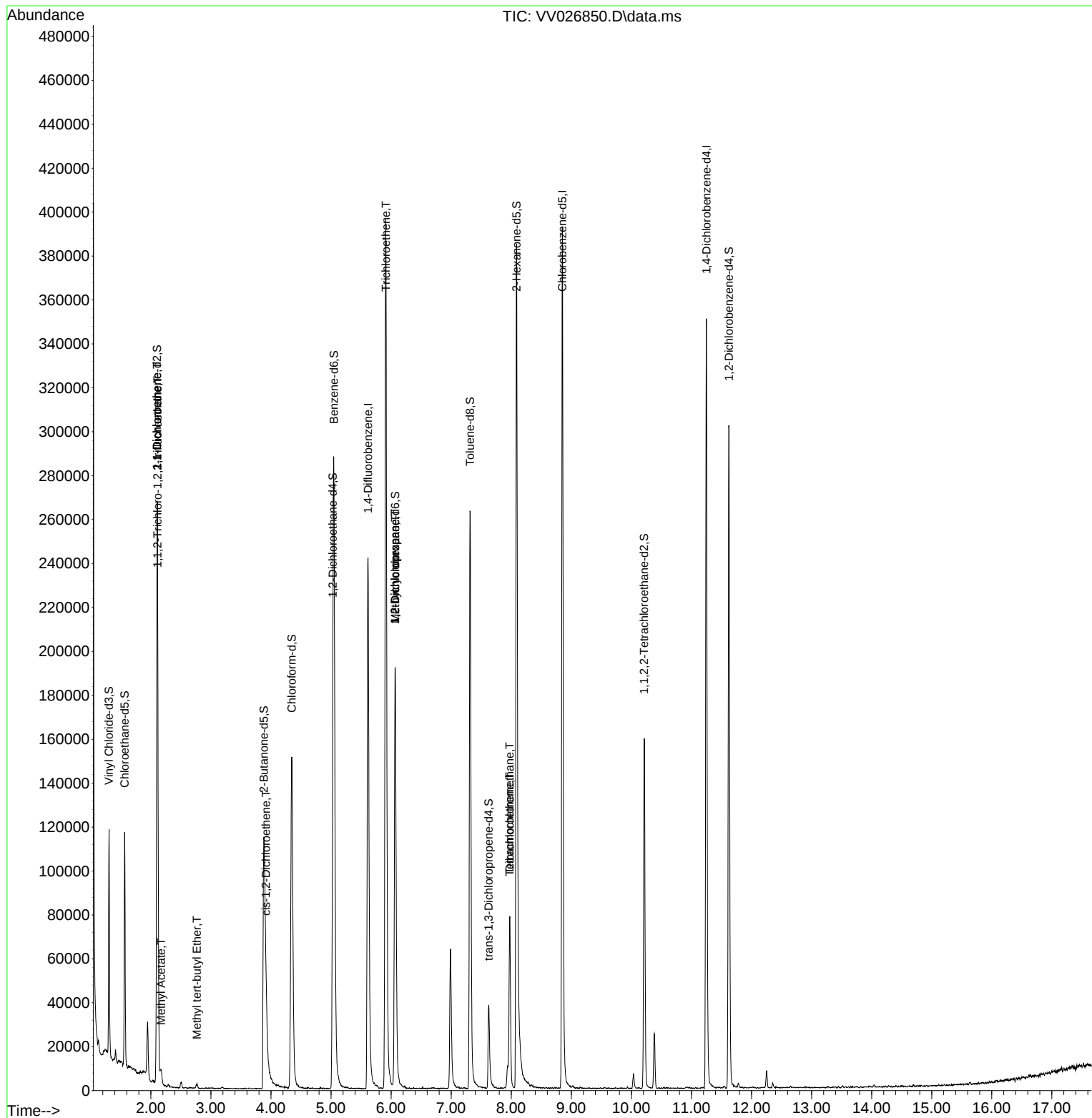
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	224272	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	231104	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	95669	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	65122	3.183	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	63.600%	
7) Chloroethane-d5	1.564	69	66792	3.778	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	75.600%	
11) 1,1-Dichloroethene-d2	2.105	63	91367	2.326	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	46.600%#	
20) 2-Butanone-d5	3.883	46	180562	56.545	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	113.080%	
24) Chloroform-d	4.346	84	165949	4.639	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.800%	
26) 1,2-Dichloroethane-d4	5.030	65	74995	4.798	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.000%	
32) Benzene-d6	5.047	84	268995	3.831	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	76.600%	
36) 1,2-Dichloropropane-d6	6.069	67	97665	4.638	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	92.800%	
41) Toluene-d8	7.313	98	188419	3.023	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	60.400%#	
43) trans-1,3-Dichloroprop...	7.625	79	24753	3.593	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	71.800%	
46) 2-Hexanone-d5	8.088	63	139250	46.688	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	93.380%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	79927	4.873	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	97.400%	
66) 1,2-Dichlorobenzene-d4	11.622	152	81327	4.879	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	97.600%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	43182	2.129	ug/L	99
12) 1,1-Dichloroethene	2.105	96	2070	0.105	ug/L #	1
15) Methyl Acetate	2.172	43	6103	1.123	ug/L #	50
17) Methyl tert-butyl Ether	2.767	73	1159	0.034	ug/L #	89
22) cis-1,2-Dichloroethene	3.915	96	12709	0.697	ug/L	90
34) Trichloroethene	5.911	95	145019	7.637	ug/L	99
35) Methylcyclohexane	6.069	83	23046	0.795	ug/L #	20
37) 1,2-Dichloropropane	6.066	63	10873	0.589	ug/L #	85
47) Tetrachloroethene	7.972	164	17566	1.179	ug/L	97
49) Dibromochloromethane	7.976	129	17260	1.109	ug/L #	10

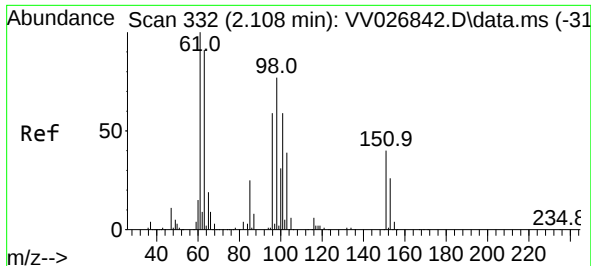
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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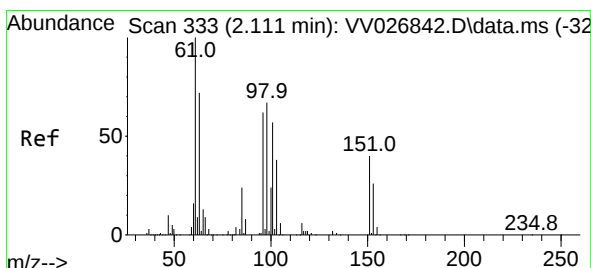
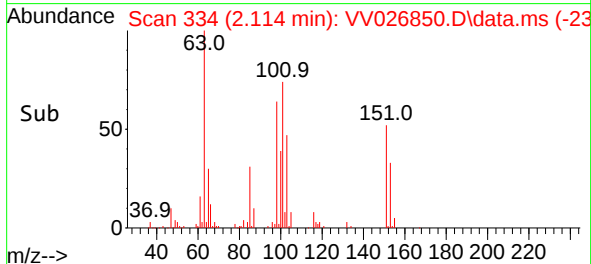
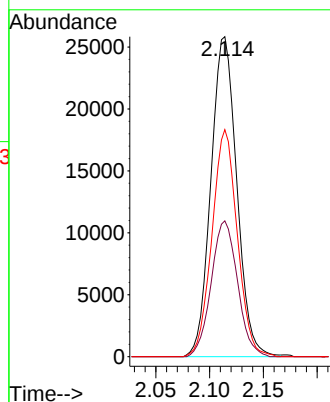
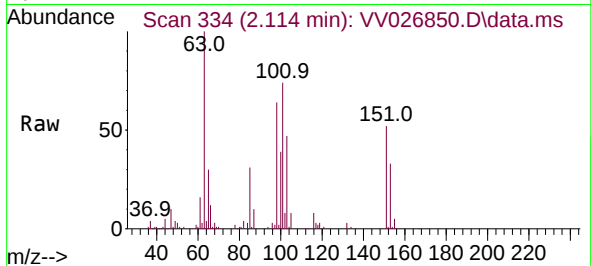




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.129 ug/L
RT: 2.114 min Scan# 311
Delta R.T. 0.006 min
Lab File: VV026850.D
Acq: 20 Jul 2022 15:32

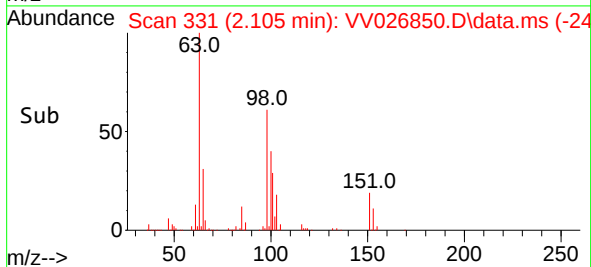
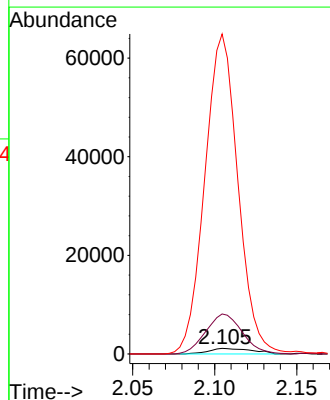
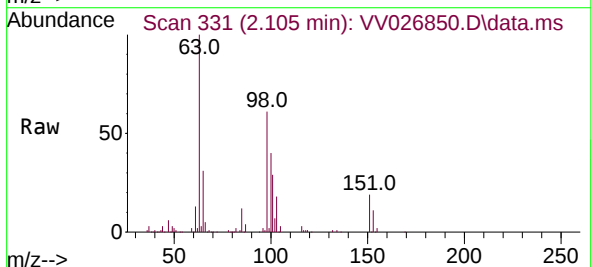
Instrument :
MSVOA_V
ClientSampleId :
GBHW7

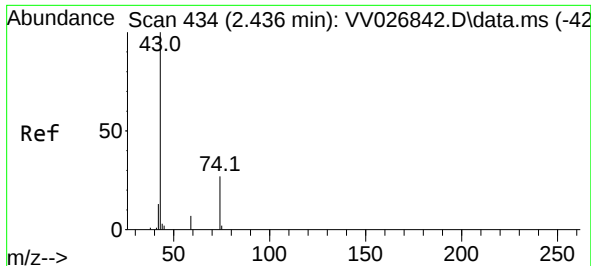
Tgt Ion:101 Resp: 43182
Ion Ratio Lower Upper
101 100
85 43.2 35.0 52.4
151 69.5 56.7 85.1



#12
1,1-Dichloroethene
Concen: 0.105 ug/L
RT: 2.105 min Scan# 331
Delta R.T. -0.007 min
Lab File: VV026850.D
Acq: 20 Jul 2022 15:32

Tgt Ion: 96 Resp: 2070
Ion Ratio Lower Upper
96 100
61 719.6 118.3 219.7#
63 5753.9 79.9 148.3#

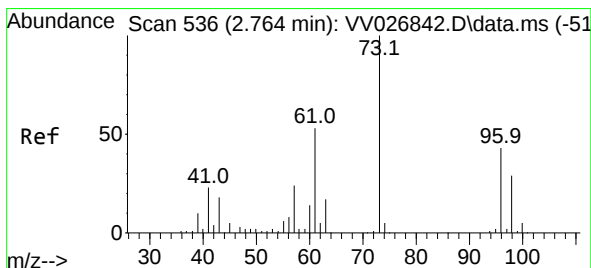
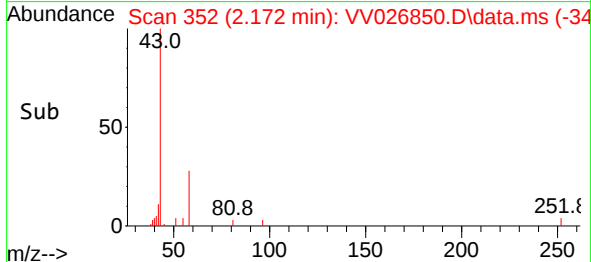
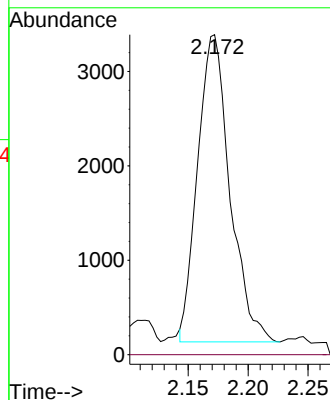
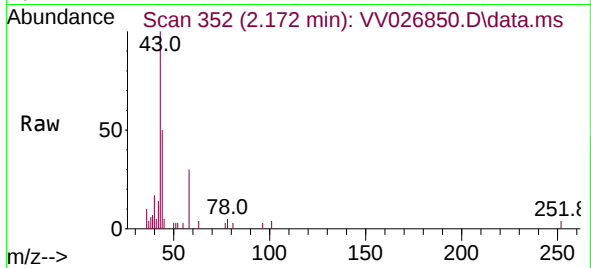




#15
Methyl Acetate
Concen: 1.123 ug/L
RT: 2.172 min Scan# 31
Delta R.T. -0.264 min
Lab File: VV026850.D
Acq: 20 Jul 2022 15:32

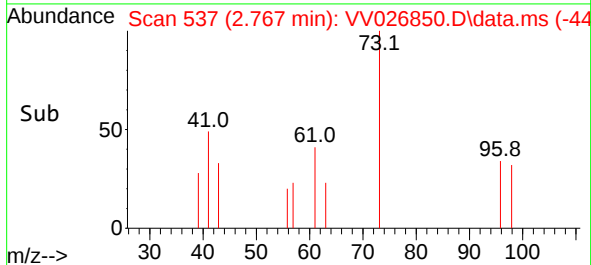
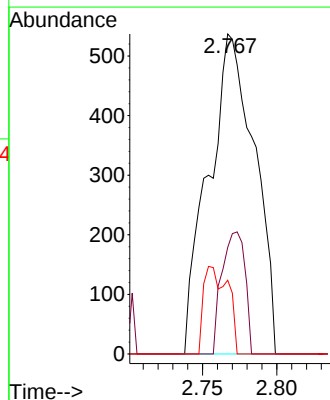
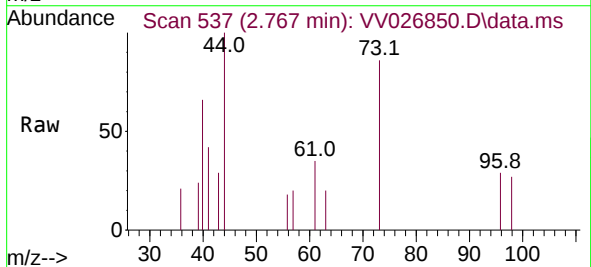
Instrument :
MSVOA_V
ClientSampleId :
GBHW7

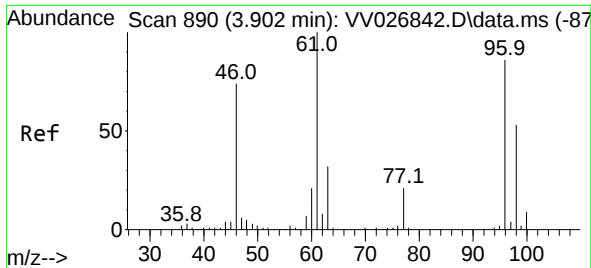
Tgt Ion: 43 Resp: 6103
Ion Ratio Lower Upper
43 100
74 0.0 20.1 30.1#



#17
Methyl tert-butyl Ether
Concen: 0.034 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.003 min
Lab File: VV026850.D
Acq: 20 Jul 2022 15:32

Tgt Ion: 73 Resp: 1159
Ion Ratio Lower Upper
73 100
43 19.1 14.0 21.0
57 14.3 17.6 26.4#

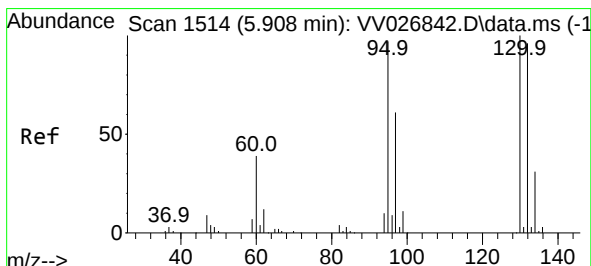
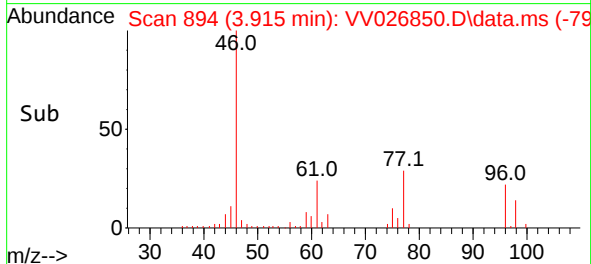
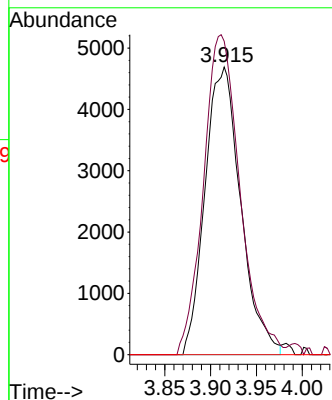
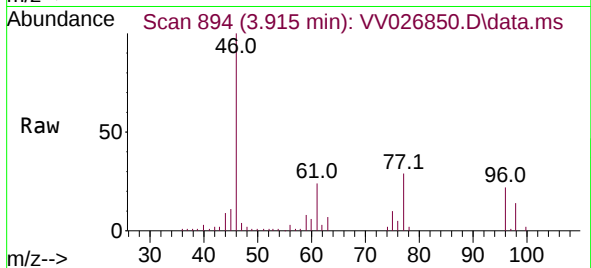




#22
cis-1,2-Dichloroethene
Concen: 0.697 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.013 min
Lab File: VV026850.D
Acq: 20 Jul 2022 15:32

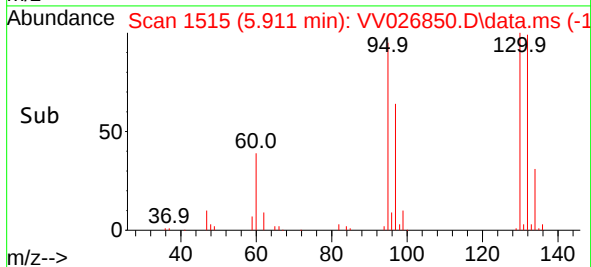
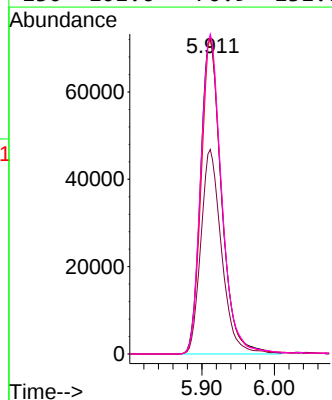
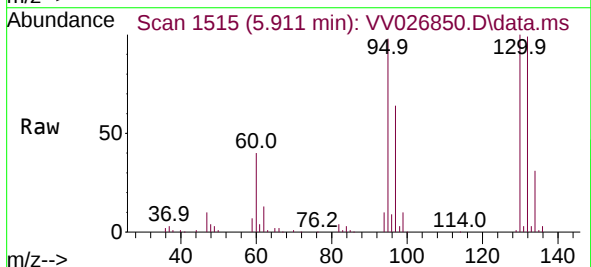
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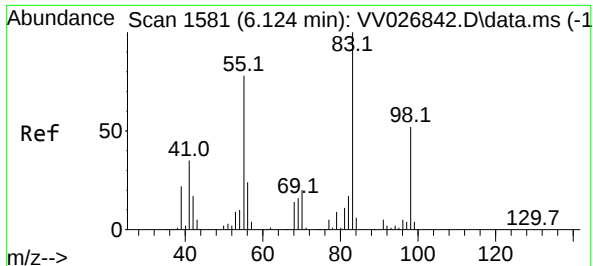
Tgt Ion: 96 Resp: 12709
Ion Ratio Lower Upper
96 100
61 108.9 83.9 155.9
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 7.637 ug/L
RT: 5.911 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV026850.D
Acq: 20 Jul 2022 15:32

Tgt Ion: 95 Resp: 145019
Ion Ratio Lower Upper
95 100
97 64.9 44.6 82.8
132 101.0 70.2 130.4
130 101.6 70.9 131.7





#35

Methylcyclohexane

Concen: 0.795 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.055 min

Lab File: VV026850.D

Acq: 20 Jul 2022 15:32

Instrument :

MSVOA_V

ClientSampleId :

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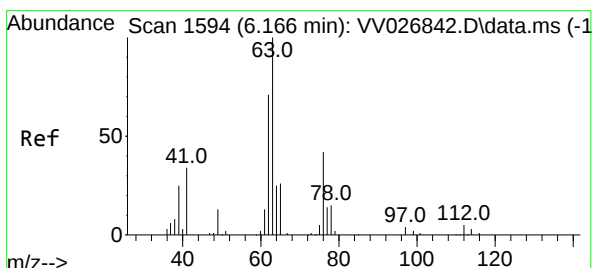
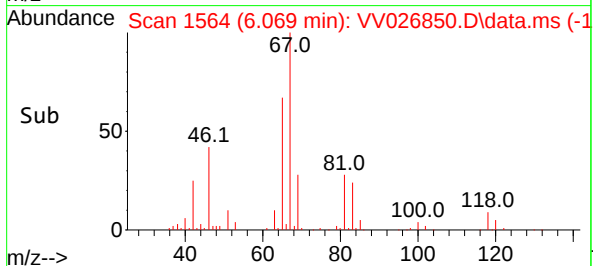
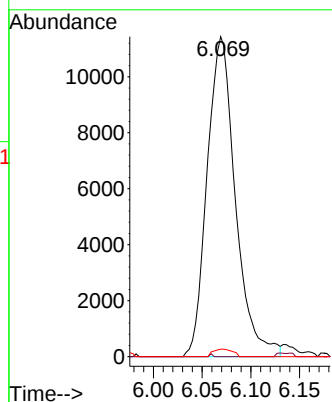
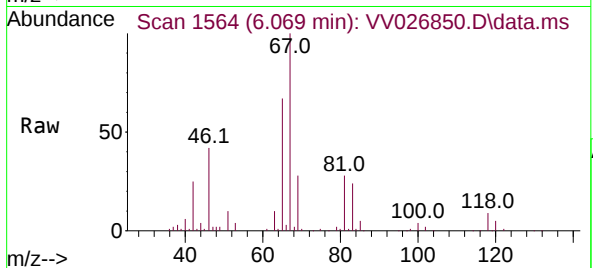
Tgt Ion: 83 Resp: 23046

Ion Ratio Lower Upper

83 100

55 0.1 59.5 89.3#

98 1.6 38.3 57.5#



#37

1,2-Dichloropropane

Concen: 0.589 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.100 min

Lab File: VV026850.D

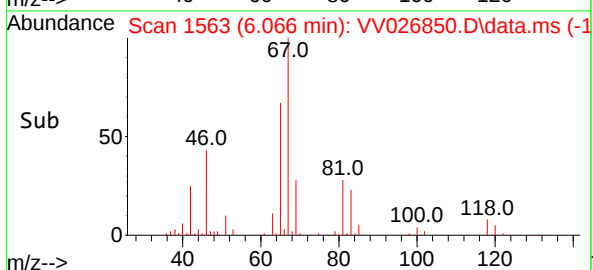
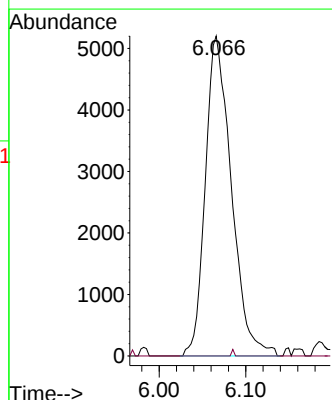
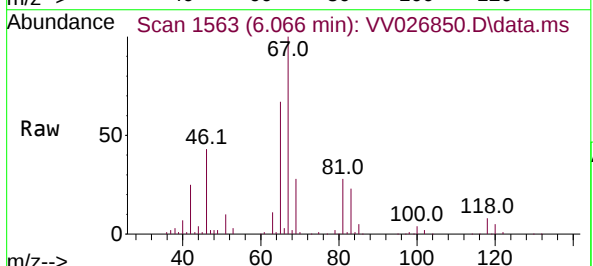
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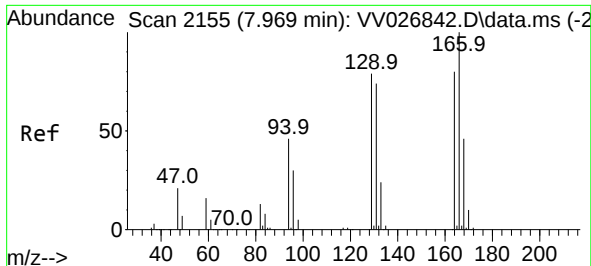
Tgt Ion: 63 Resp: 10873

Ion Ratio Lower Upper

63 100

112 0.2 4.2 6.2#

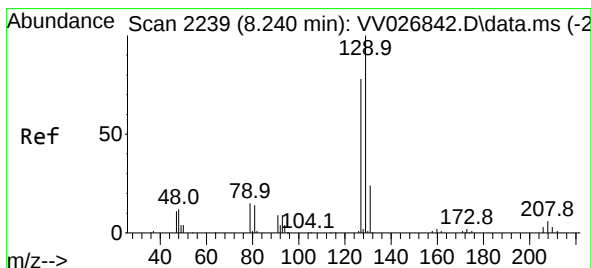
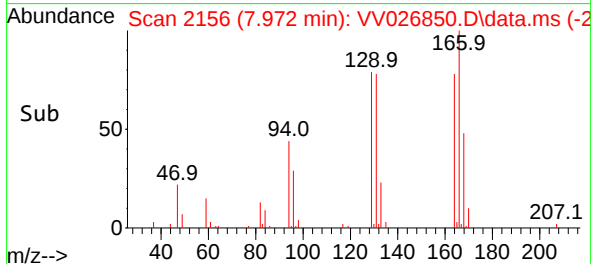
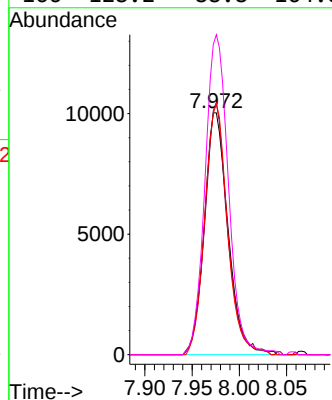
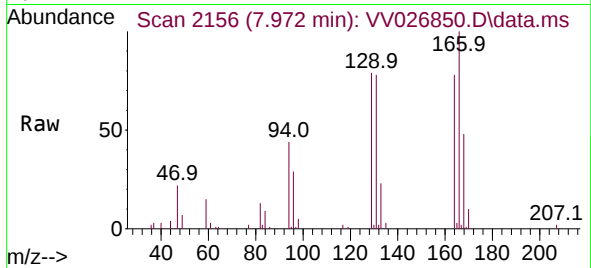




#47
Tetrachloroethene
Concen: 1.179 ug/L
RT: 7.972 min Scan# 2156
Delta R.T. 0.003 min
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Tgt Ion:164 Resp: 17566
Ion Ratio Lower Upper
164 100
129 100.8 67.8 125.8
131 99.7 65.9 122.5
166 128.2 88.8 164.8



#49
Dibromochloromethane
Concen: 1.109 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.264 min
Lab File: VV026850.D
Acq: 20 Jul 2022 15:32

Tgt Ion:129 Resp: 17260
Ion Ratio Lower Upper
129 100
127 0.0 55.7 103.5#

