

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032622\
 Data File : VW025234.D
 Acq On : 27 Mar 2022 05:41
 Operator : SY/MD
 Sample : N2110-06
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0PB6

Quant Time: Mar 28 03:49:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Mar 28 03:13:34 2022
 Response via : Initial Calibration

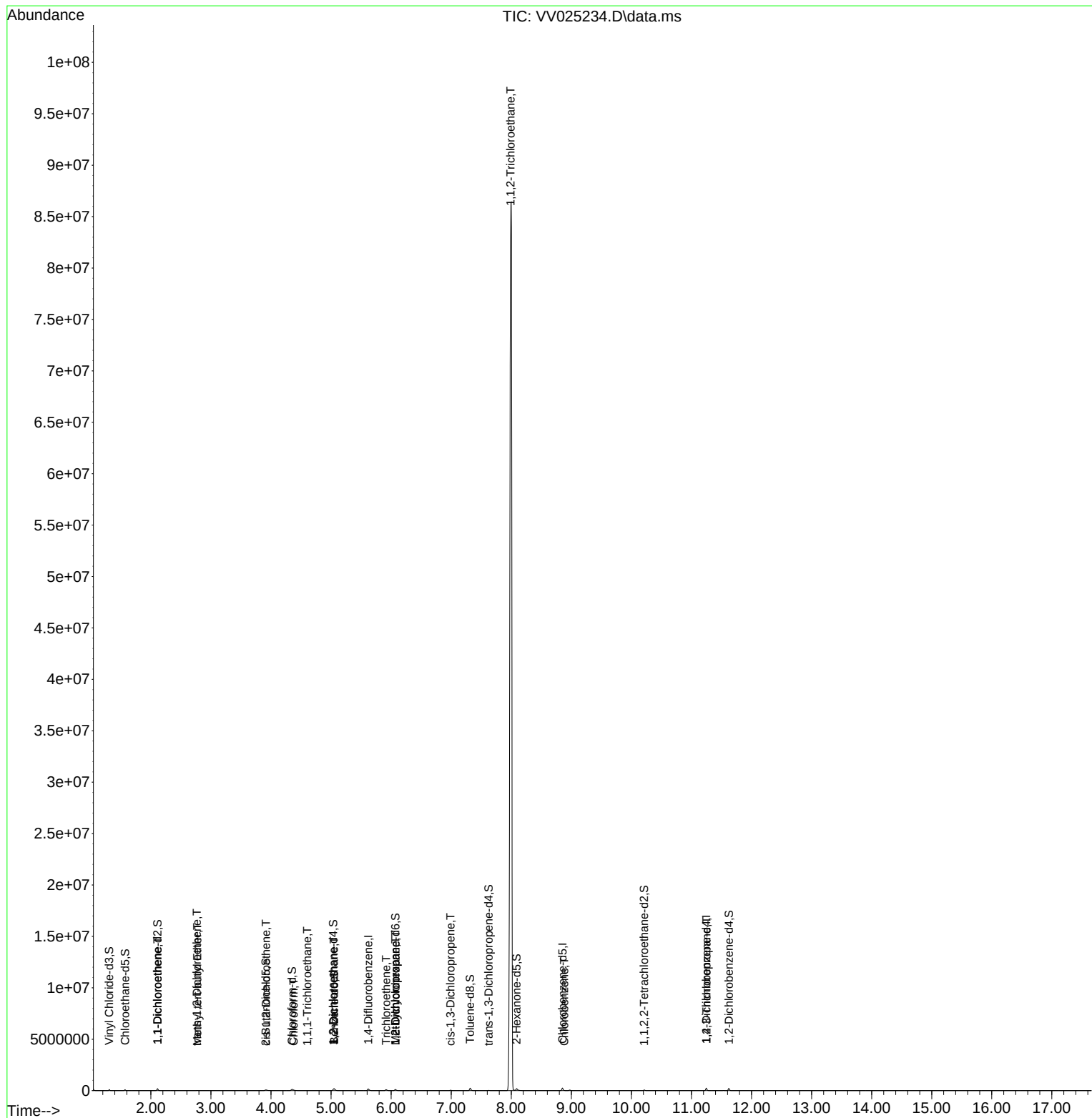
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	145602	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	136650	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	59020	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	60868	4.475	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	89.600%	
7) Chloroethane-d5	1.571	69	55264	4.841	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	96.800%	
11) 1,1-Dichloroethene-d2	2.111	63	99524	3.378	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	67.600%	
20) 2-Butanone-d5	3.912	46	63379	46.782	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	93.560%	
24) Chloroform-d	4.349	84	89615	5.049	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.000%	
26) 1,2-Dichloroethane-d4	5.037	65	41293	5.263	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	105.200%	
32) Benzene-d6	5.053	84	180983	5.235	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	104.800%	
36) 1,2-Dichloropropane-d6	6.072	67	52099	5.377	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	107.600%	
41) Toluene-d8	7.317	98	156223	4.927	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.600%	
43) trans-1,3-Dichloroprop...	7.625	79	14916	4.719	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	94.400%	
46) 2-Hexanone-d5	8.088	63	66639	58.377	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	116.760%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	32035	4.959	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	99.200%	
66) 1,2-Dichlorobenzene-d4	11.622	152	52880	5.579	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	111.600%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.114	96	1943	0.133	ug/L #	1
17) Methyl tert-butyl Ether	2.774	73	11463	0.618	ug/L #	90
18) trans-1,2-Dichloroethene	2.767	96	648	0.062	ug/L	81
22) cis-1,2-Dichloroethene	3.915	96	25417	2.378	ug/L	100
25) Chloroform	4.378	83	9044	0.464	ug/L	95
27) 1,2-Dichloroethane	5.050	62	1114	0.111	ug/L #	73
29) 1,1,1-Trichloroethane	4.606	97	841	0.051	ug/L #	89
34) Trichloroethene	5.918	95	34372	3.123	ug/L	98
35) Methylcyclohexane	6.072	83	12887	0.747	ug/L #	22
37) 1,2-Dichloropropane	6.072	63	5885	0.633	ug/L #	84
39) cis-1,3-Dichloropropene	6.989	75	1345	0.112	ug/L #	32
45) 1,1,2-Trichloroethane	7.989	97	262559	41.243	ug/L #	7
51) Chlorobenzene	8.883	112	2439	0.088	ug/L	92
61) 1,2,3-Trichloropropane	11.249	75	8287	1.856	ug/L #	65

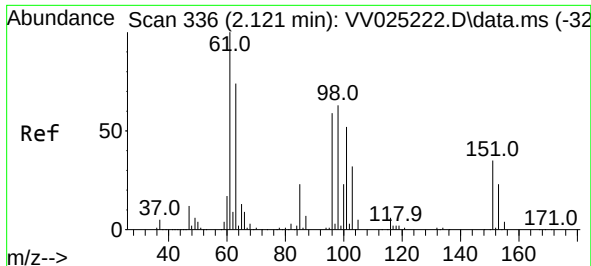
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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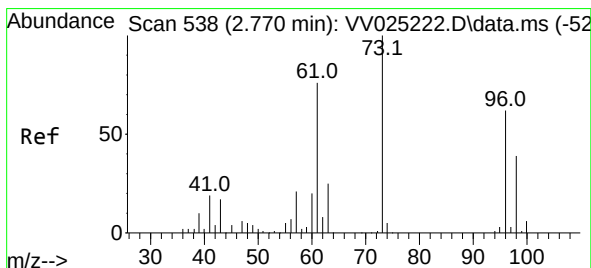
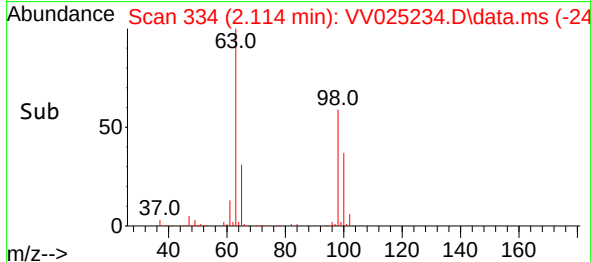
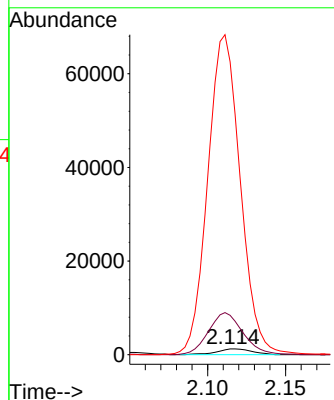
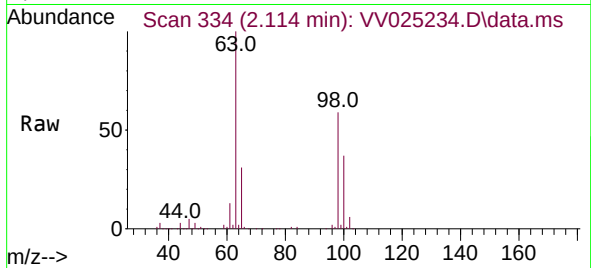




#12
 1,1-Dichloroethene
 Concen: 0.133 ug/L
 RT: 2.114 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VV025234.D
 Acq: 27 Mar 2022 05:41

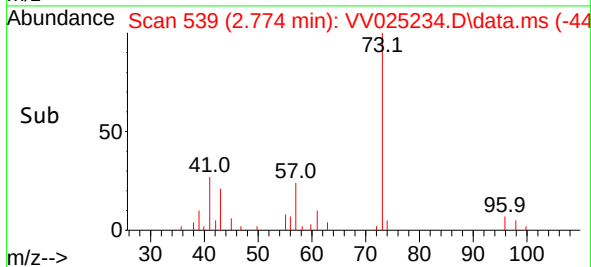
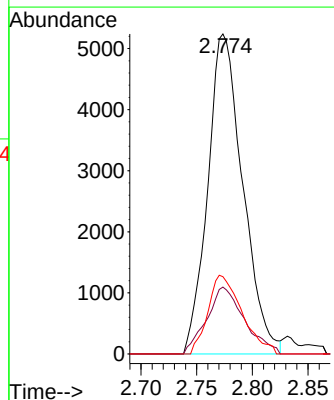
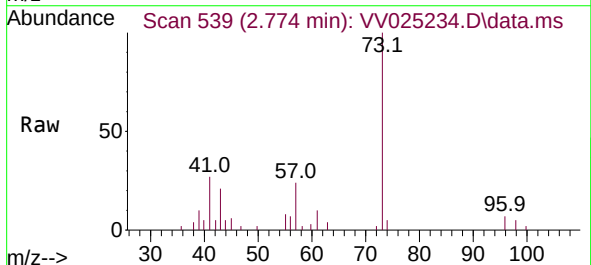
Instrument :
 MSVOA_V
 ClientSampleId :
 C0PB6

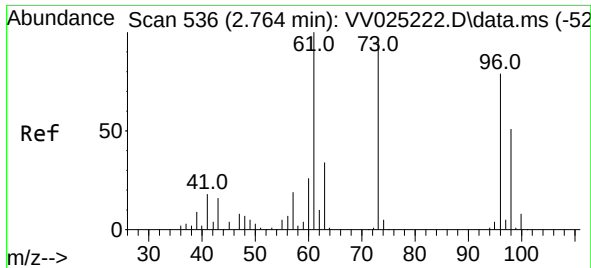
Tgt Ion: 96 Resp: 1943
 Ion Ratio Lower Upper
 96 100
 61 683.2 121.5 225.7#
 63 5084.9 77.9 144.7#



#17
 Methyl tert-butyl Ether
 Concen: 0.618 ug/L
 RT: 2.774 min Scan# 539
 Delta R.T. 0.003 min
 Lab File: VV025234.D
 Acq: 27 Mar 2022 05:41

Tgt Ion: 73 Resp: 11463
 Ion Ratio Lower Upper
 73 100
 43 22.5 13.5 20.3#
 57 23.9 16.4 24.6

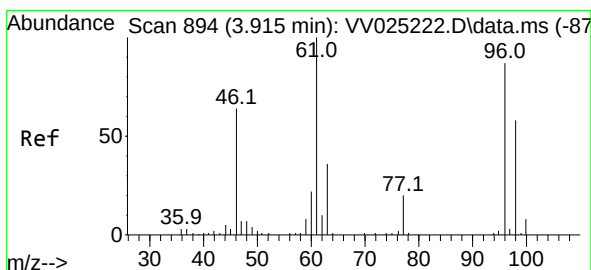
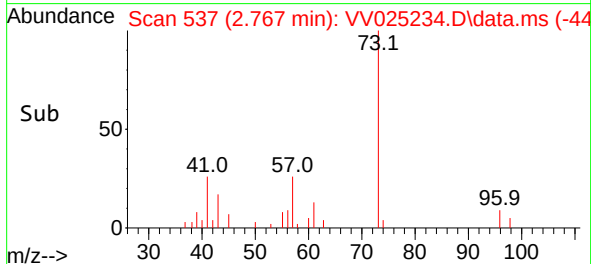
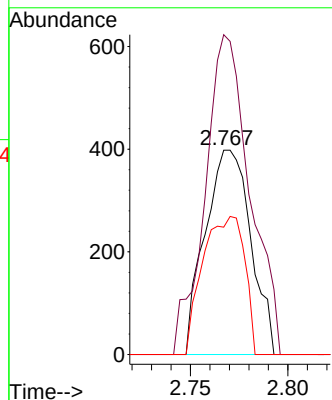
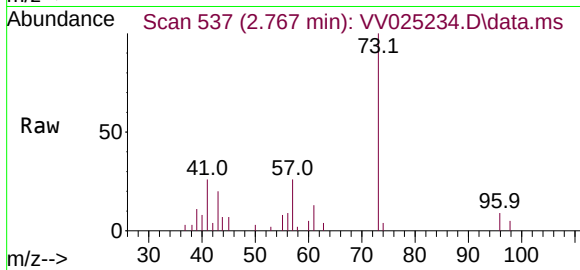




#18
trans-1,2-Dichloroethene
Concen: 0.062 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV025234.D
Acq: 27 Mar 2022 05:41

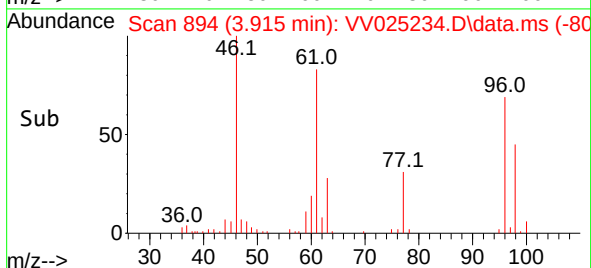
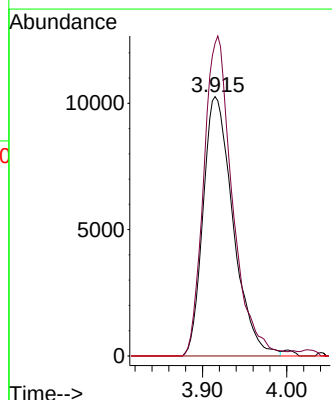
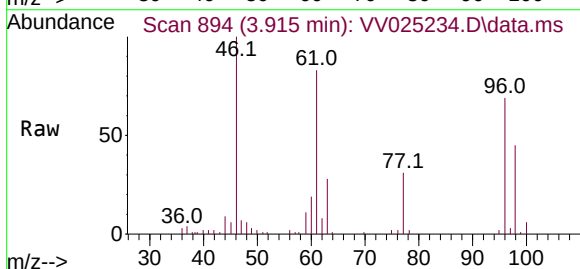
Instrument :
MSVOA_V
ClientSampleId :
C0PB6

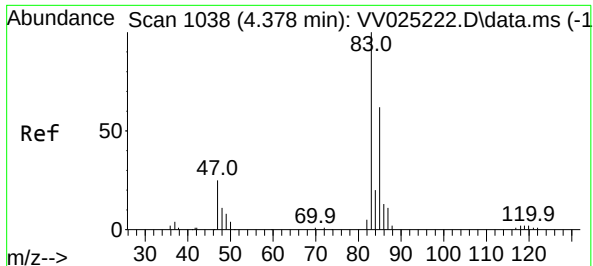
Tgt Ion: 96 Resp: 648
Ion Ratio Lower Upper
96 100
61 156.5 87.6 162.8
98 62.3 44.0 81.8



#22
cis-1,2-Dichloroethene
Concen: 2.378 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.000 min
Lab File: VV025234.D
Acq: 27 Mar 2022 05:41

Tgt Ion: 96 Resp: 25417
Ion Ratio Lower Upper
96 100
61 120.5 84.1 156.1
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.464 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VV025234.D

Acq: 27 Mar 2022 05:41

Instrument :

MSVOA_V

ClientSampleId :

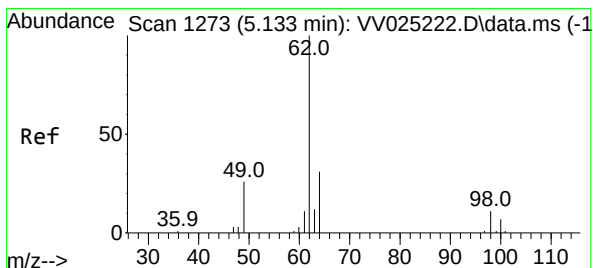
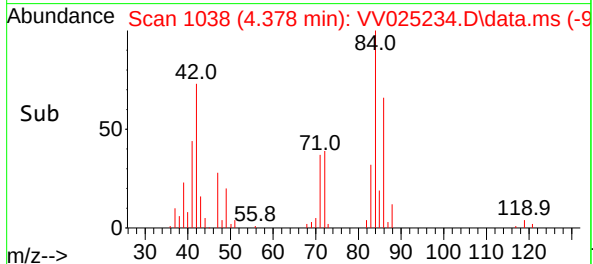
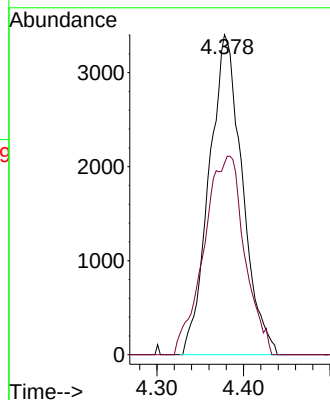
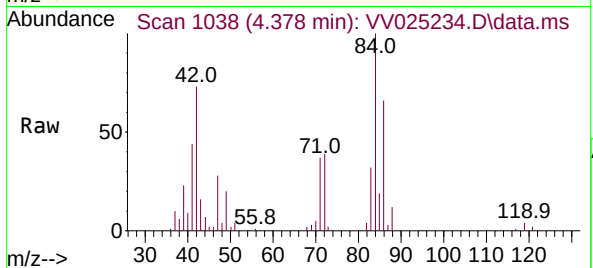
C0PB6

Tgt Ion: 83 Resp: 9044

Ion Ratio Lower Upper

83 100

85 59.8 44.7 82.9



#27

1,2-Dichloroethane

Concen: 0.111 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. -0.083 min

Lab File: VV025234.D

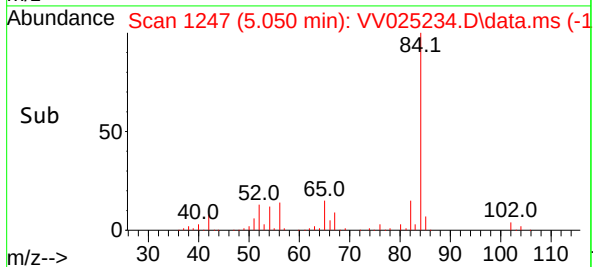
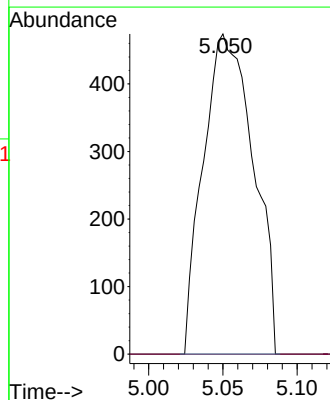
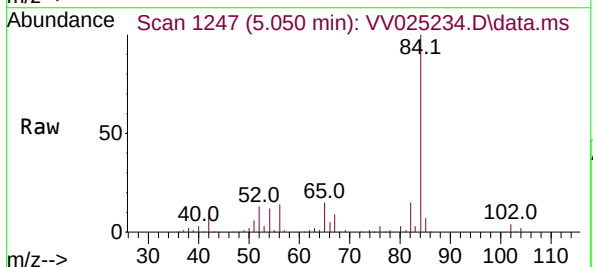
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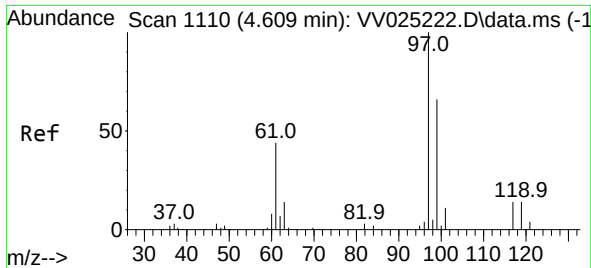
Tgt Ion: 62 Resp: 1114

Ion Ratio Lower Upper

62 100

98 0.0 7.9 11.9#





#29

1,1,1-Trichloroethane

Concen: 0.051 ug/L

RT: 4.606 min Scan# 1110

Delta R.T. -0.003 min

Lab File: VV025234.D

Acq: 27 Mar 2022 05:41

Instrument :

MSVOA_V

ClientSampleId :

C0PB6

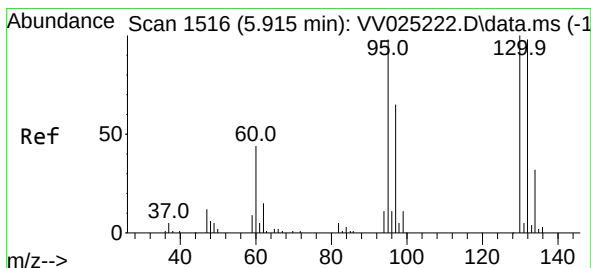
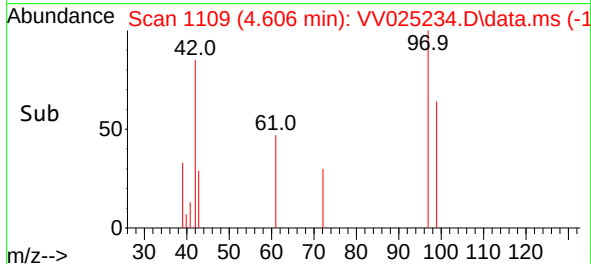
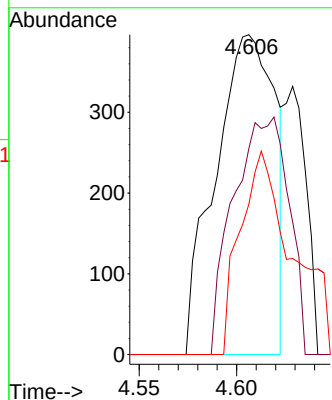
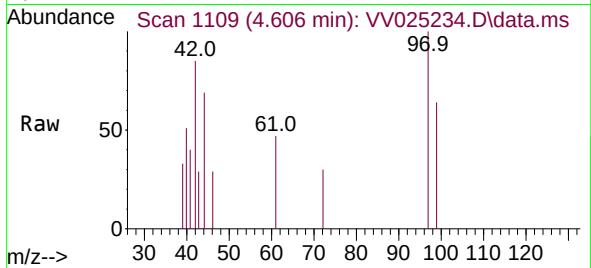
Tgt Ion: 97 Resp: 841

Ion Ratio Lower Upper

97 100

99 69.0 51.9 77.9

61 55.8 34.2 51.2#



#34

Trichloroethene

Concen: 3.123 ug/L

RT: 5.918 min Scan# 1517

Delta R.T. 0.003 min

Lab File: VV025234.D

Acq: 27 Mar 2022 05:41

Tgt Ion: 95 Resp: 34372

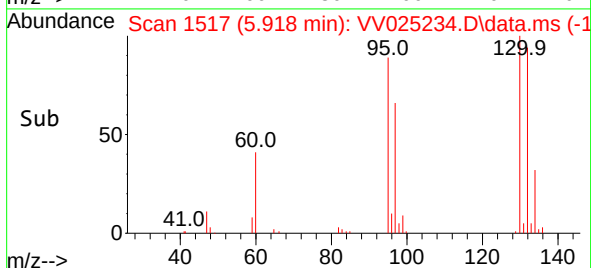
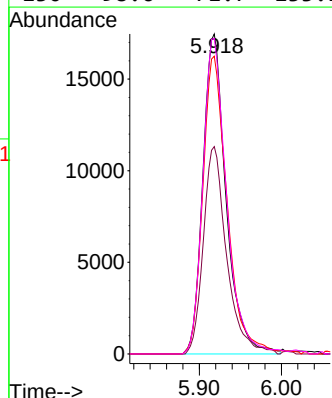
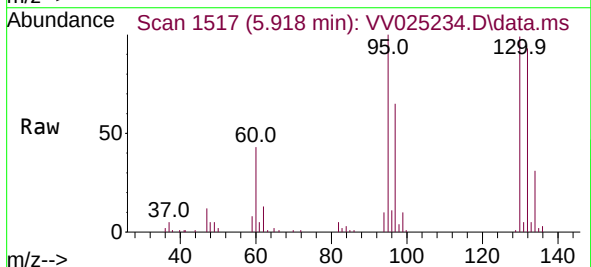
Ion Ratio Lower Upper

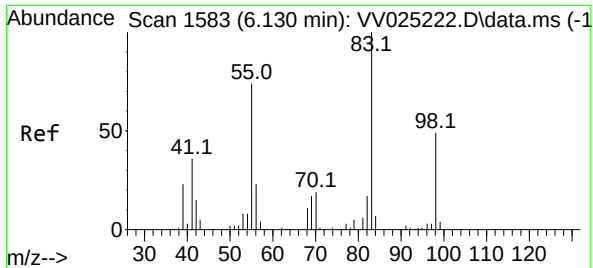
95 100

97 64.8 46.3 85.9

132 93.0 65.2 121.2

130 98.6 71.7 133.1





#35

Methylcyclohexane

Concen: 0.747 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.058 min

Lab File: VV025234.D

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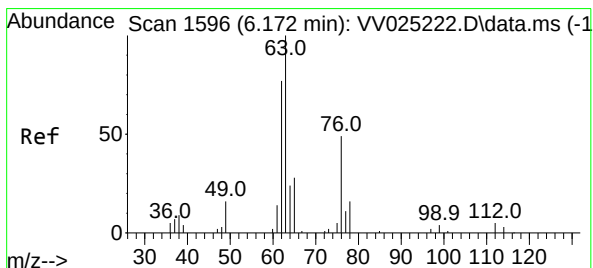
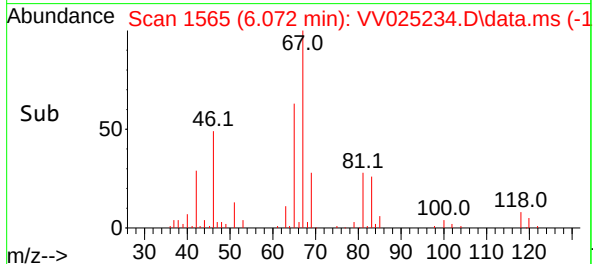
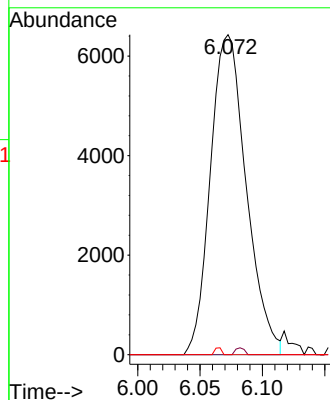
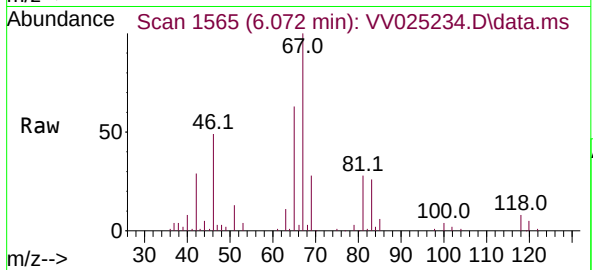
Tgt Ion: 83 Resp: 12887

Ion Ratio Lower Upper

83 100

55 0.5 54.6 81.8#

98 1.6 39.8 59.6#



#37

1,2-Dichloropropane

Concen: 0.633 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.099 min

Lab File: VV025234.D

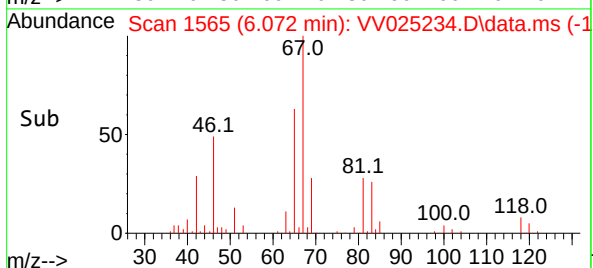
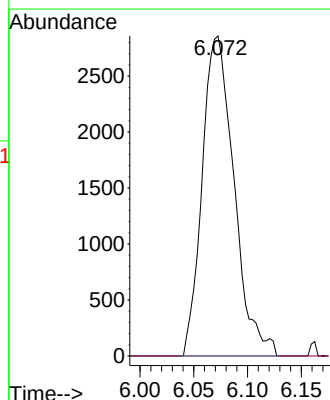
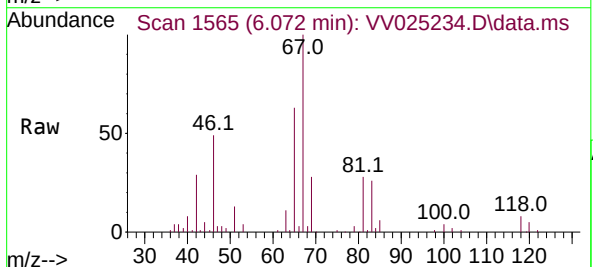
Acq: 27 Mar 2022 05:41

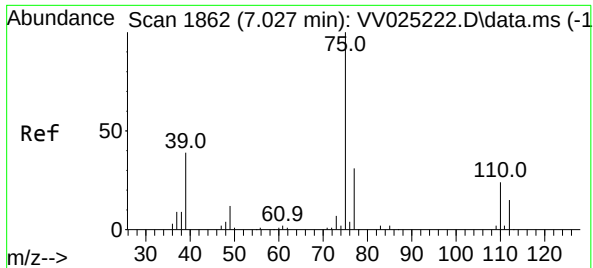
Tgt Ion: 63 Resp: 5885

Ion Ratio Lower Upper

63 100

112 0.0 4.2 6.2#





#39

cis-1,3-Dichloropropene

Concen: 0.112 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.038 min

Lab File: VV025234.D

Acq: 27 Mar 2022 05:41

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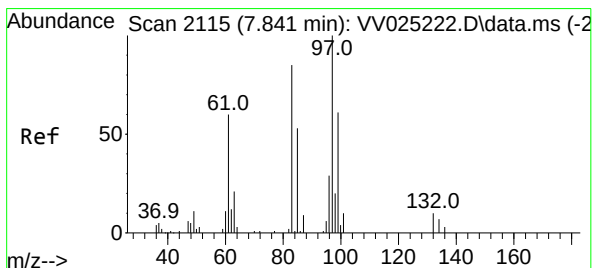
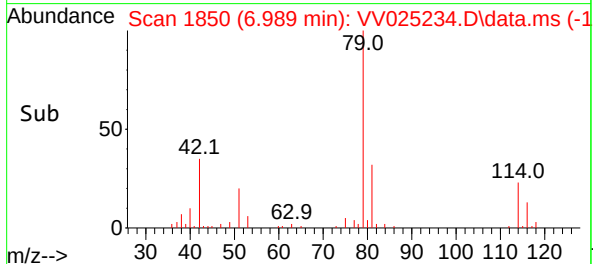
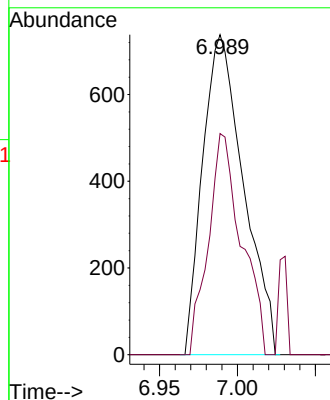
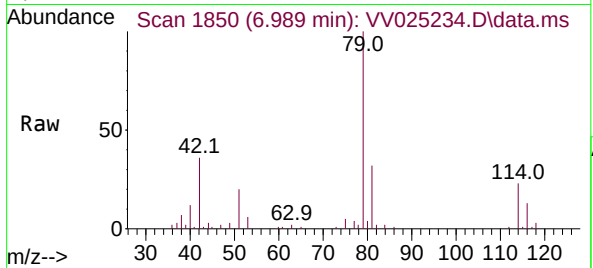
C0PB6

Tgt Ion: 75 Resp: 1345

Ion Ratio Lower Upper

75 100

77 69.1 22.1 41.1#



#45

1,1,2-Trichloroethane

Concen: 41.243 ug/L

RT: 7.989 min Scan# 2161

Delta R.T. 0.148 min

Lab File: VV025234.D

Acq: 27 Mar 2022 05:41

Tgt Ion: 97 Resp: 262559

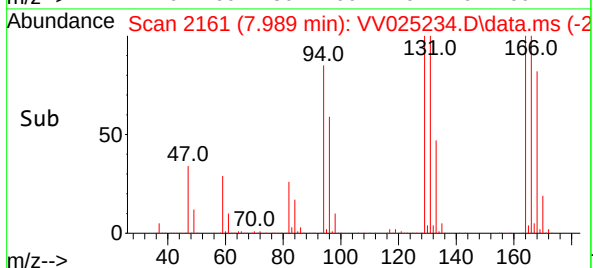
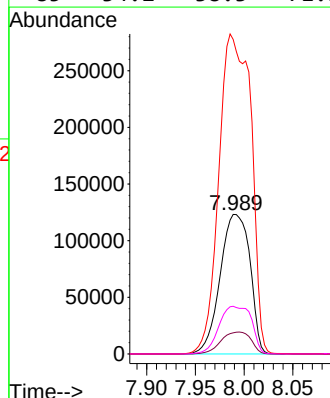
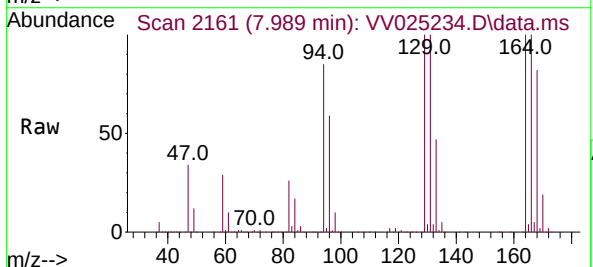
Ion Ratio Lower Upper

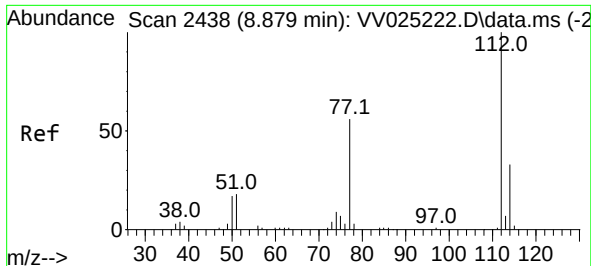
97 100

99 15.2 43.3 80.5#

83 225.4 58.0 107.6#

85 34.2 38.3 71.1#

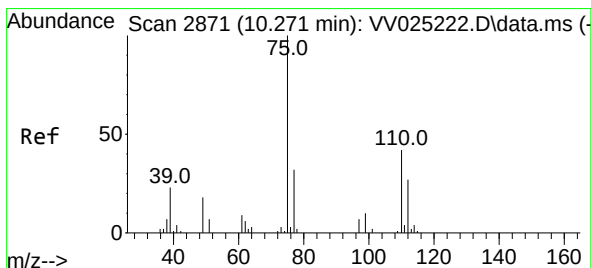
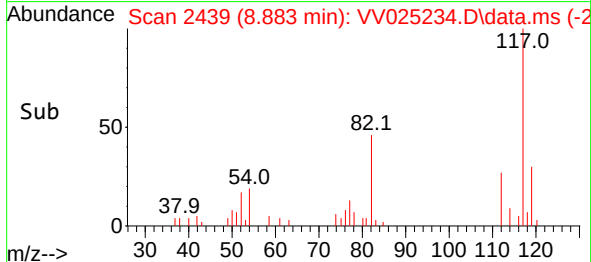
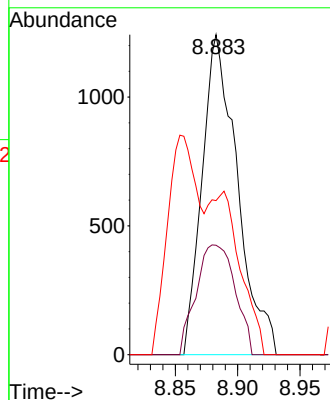
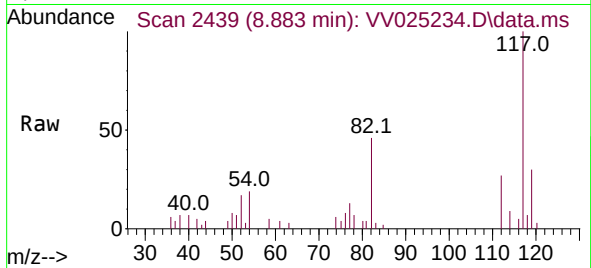




#51
Chlorobenzene
Concen: 0.088 ug/L
RT: 8.883 min Scan# 2439
Delta R.T. 0.003 min
Lab File: VV025234.D
Acq: 27 Mar 2022 05:41

Instrument :
MSVOA_V
ClientSampleId :
C0PB6

Tgt Ion:112 Resp: 2439
Ion Ratio Lower Upper
112 100
114 34.2 21.9 40.7
77 48.1 44.2 66.4



#61
1,2,3-Trichloropropane
Concen: 1.856 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.978 min
Lab File: VV025234.D
Acq: 27 Mar 2022 05:41

Tgt Ion: 75 Resp: 8287
Ion Ratio Lower Upper
75 100
77 29.0 25.8 38.6
110 3.2 31.6 47.4#

