

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW051622\
 Data File : VW025902.D
 Acq On : 16 May 2022 11:15
 Operator : SY/MD
 Sample : N2831-08
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YB2L7

Quant Time: May 17 07:59:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR051322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 17 07:58:29 2022
 Response via : Initial Calibration

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

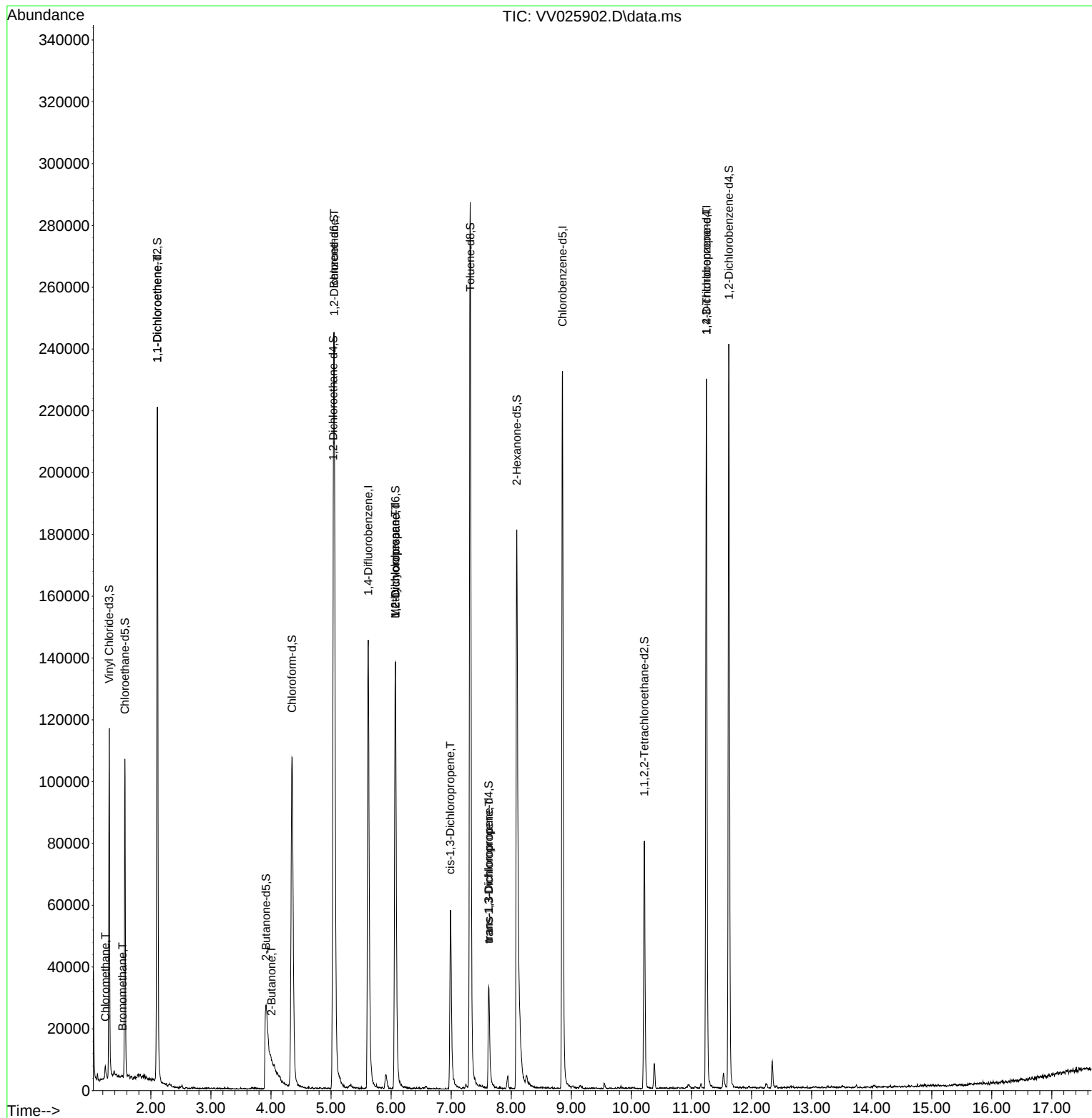
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	129166	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	128326	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	58939	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	72677	6.813	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 136.200%#		
7) Chloroethane-d5	1.568	69	63994	7.006	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 140.200%#		
11) 1,1-Dichloroethene-d2	2.108	63	114383	4.844	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 96.800%		
20) 2-Butanone-d5	3.918	46	77568	62.787	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 125.580%		
24) Chloroform-d	4.349	84	114495	6.571	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 131.400%#		
26) 1,2-Dichloroethane-d4	5.037	65	49872	6.749	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 135.000%#		
32) Benzene-d6	5.050	84	232880	6.988	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 139.800%#		
36) 1,2-Dichloropropane-d6	6.072	67	69672	7.192	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 143.800%#		
41) Toluene-d8	7.317	98	197969	6.391	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 127.800%		
43) trans-1,3-Dichloroprop...	7.625	79	21205	6.693	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 133.800%#		
46) 2-Hexanone-d5	8.091	63	70070	59.565	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 119.120%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	40513	6.492	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 129.800%#		
66) 1,2-Dichlorobenzene-d4	11.622	152	62549	7.454	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 149.000%#		
Target Compounds						
					Qvalue	
3) Chloromethane	1.243	50	2361	0.145	ug/L #	79
6) Bromomethane	1.526	94	613	0.062	ug/L #	68
12) 1,1-Dichloroethene	2.108	96	1120	0.090	ug/L #	1
21) 2-Butanone	4.008	43	1519	0.888	ug/L	97
27) 1,2-Dichloroethane	5.053	62	1500	0.137	ug/L #	73
35) Methylcyclohexane	6.069	83	16412	0.963	ug/L #	18
37) 1,2-Dichloropropane	6.072	63	7456	0.727	ug/L #	85
39) cis-1,3-Dichloropropene	6.985	75	1333	0.101	ug/L #	73
44) trans-1,3-Dichloropropene	7.628	75	891	0.083	ug/L	94
61) 1,2,3-Trichloropropane	11.249	75	7669	1.563	ug/L #	63

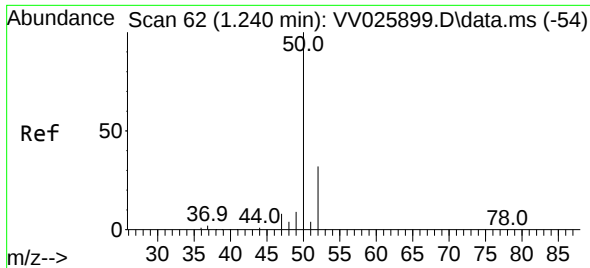
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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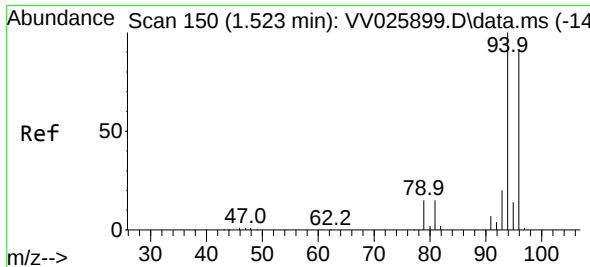
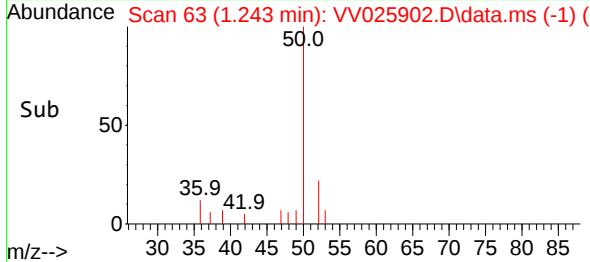
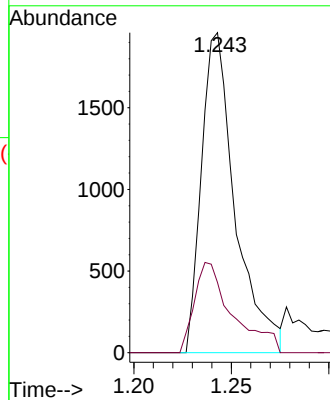
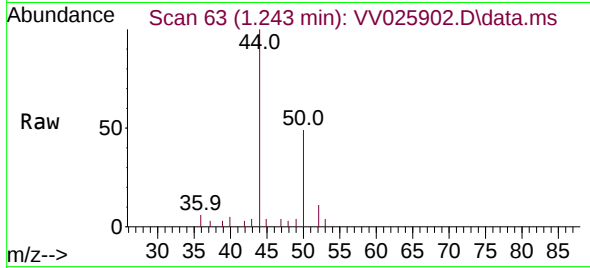




#3
Chloromethane
Concen: 0.145 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV025902.D
Acq: 16 May 2022 11:15

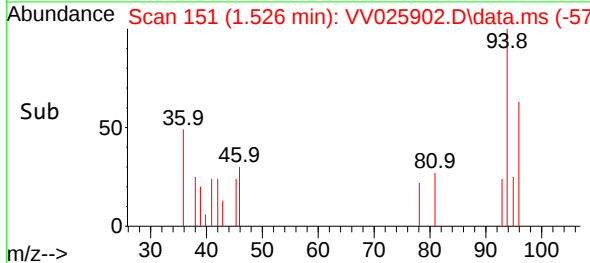
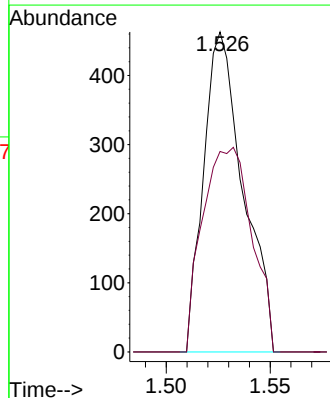
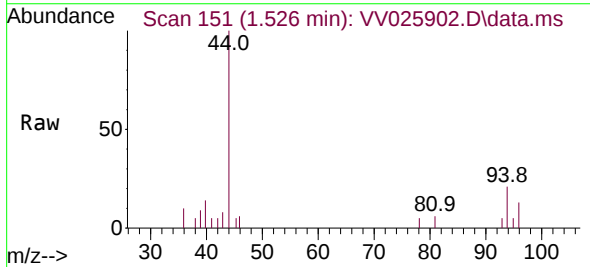
Instrument :
MSVOA_V
ClientSampleId :
YB2L7

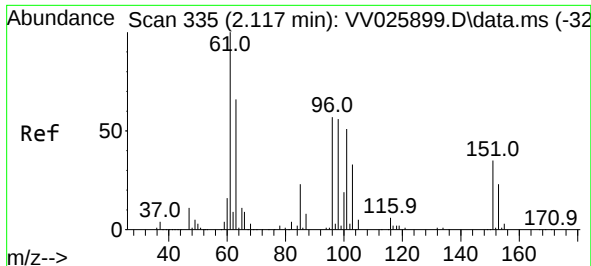
Tgt Ion: 50 Resp: 2361
Ion Ratio Lower Upper
50 100
52 21.9 23.9 44.3#



#6
Bromomethane
Concen: 0.062 ug/L
RT: 1.526 min Scan# 151
Delta R.T. 0.003 min
Lab File: VV025902.D
Acq: 16 May 2022 11:15

Tgt Ion: 94 Resp: 613
Ion Ratio Lower Upper
94 100
96 62.6 65.4 121.4#





#12

1,1-Dichloroethene

Concen: 0.090 ug/L

RT: 2.108 min Scan# 31

Delta R.T. -0.010 min

Lab File: VV025902.D

Acq: 16 May 2022 11:15

Instrument :

MSVOA_V

ClientSampleId :

YB2L7

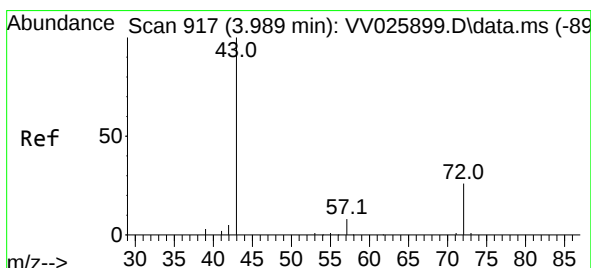
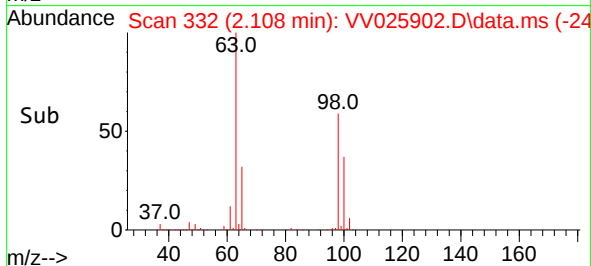
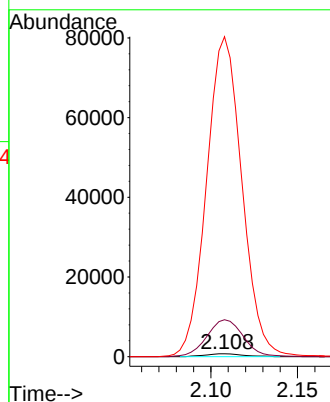
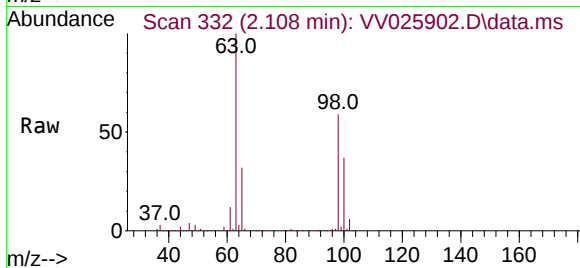
Tgt Ion: 96 Resp: 1120

Ion Ratio Lower Upper

96 100

61 1248.2 119.8 222.6#

63 10808.1 78.3 145.3#



#21

2-Butanone

Concen: 0.888 ug/L

RT: 4.008 min Scan# 923

Delta R.T. 0.019 min

Lab File: VV025902.D

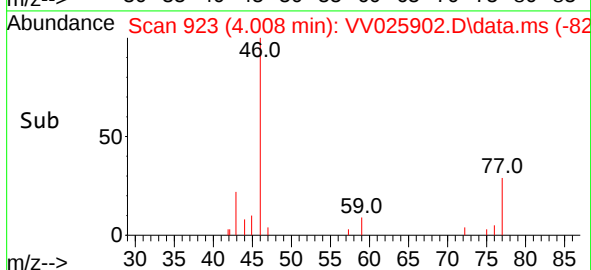
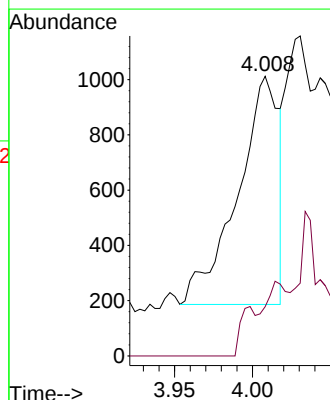
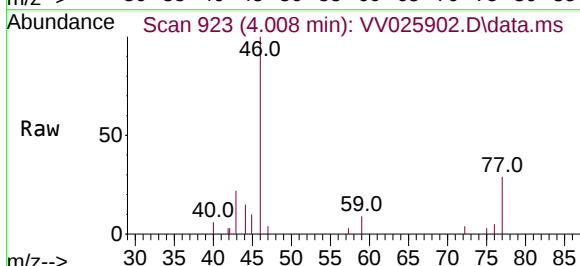
Acq: 16 May 2022 11:15

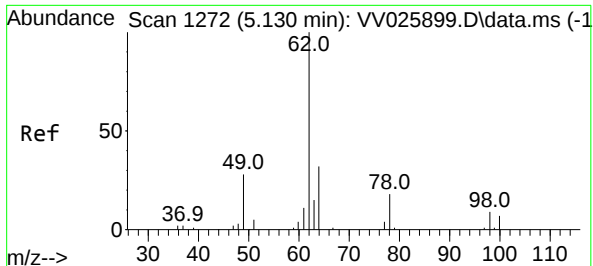
Tgt Ion: 43 Resp: 1519

Ion Ratio Lower Upper

43 100

72 19.6 10.5 31.6





#27

1,2-Dichloroethane

Concen: 0.137 ug/L

RT: 5.053 min Scan# 1

Delta R.T. -0.077 min

Lab File: VV025902.D

Acq: 16 May 2022 11:15

Instrument :

MSVOA_V

ClientSampleId :

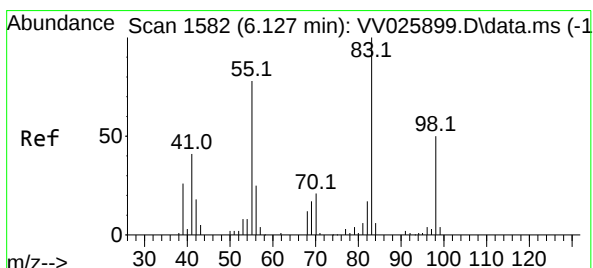
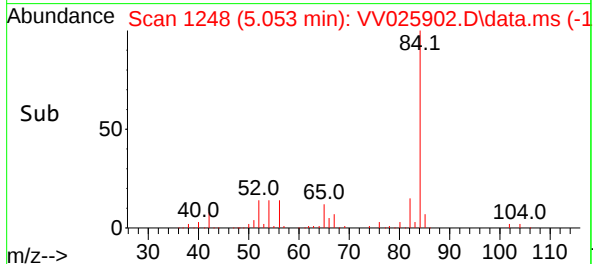
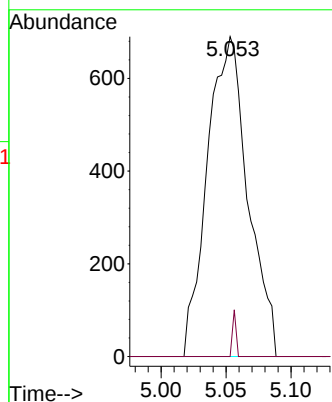
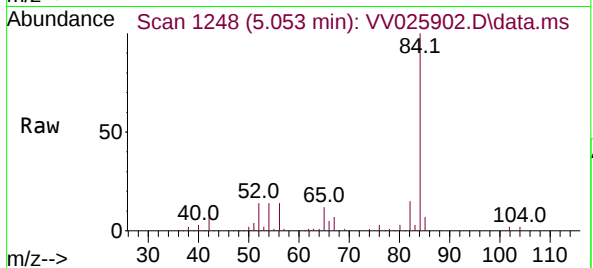
YB2L7

Tgt Ion: 62 Resp: 1500

Ion Ratio Lower Upper

62 100

98 0.0 7.9 11.9#



#35

Methylcyclohexane

Concen: 0.963 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.058 min

Lab File: VV025902.D

Acq: 16 May 2022 11:15

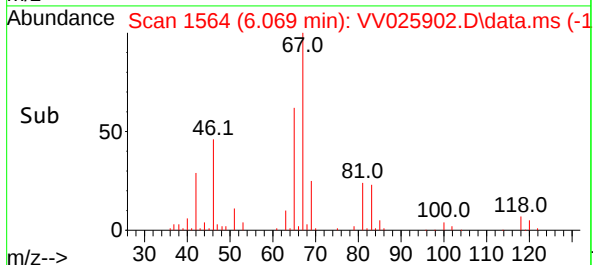
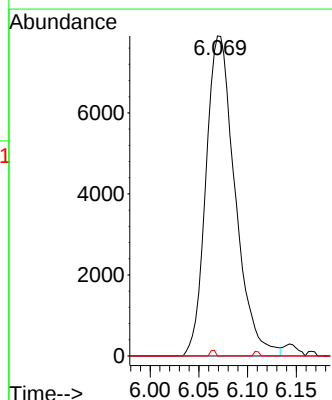
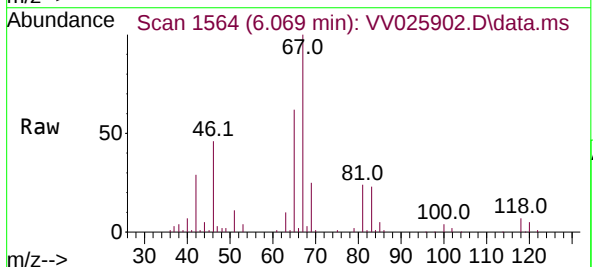
Tgt Ion: 83 Resp: 16412

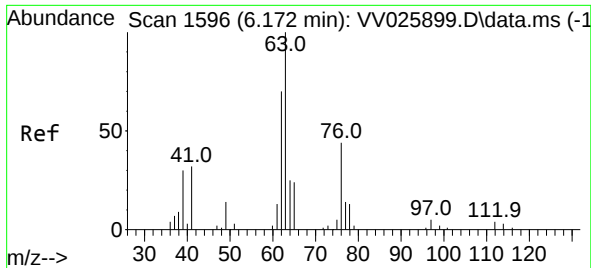
Ion Ratio Lower Upper

83 100

55 0.0 60.1 90.1#

98 0.3 40.6 61.0#





#37

1,2-Dichloropropane

Concen: 0.727 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV025902.D

Acq: 16 May 2022 11:15

Instrument :

MSVOA_V

ClientSampleId :

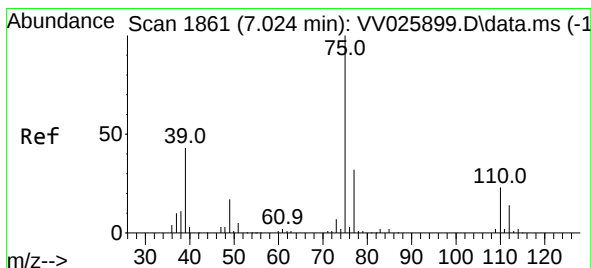
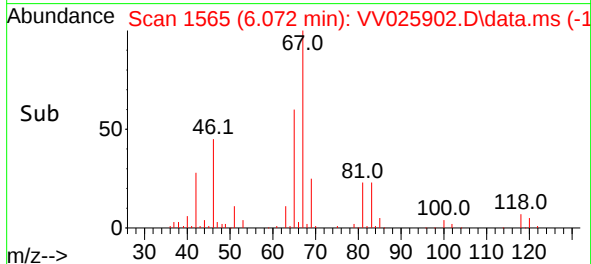
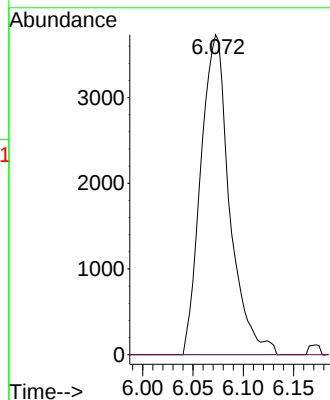
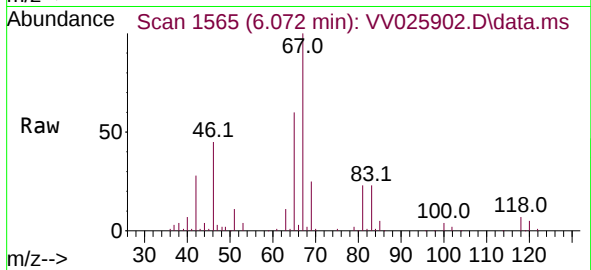
YB2L7

Tgt Ion: 63 Resp: 7456

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#



#39

cis-1,3-Dichloropropene

Concen: 0.101 ug/L

RT: 6.985 min Scan# 1849

Delta R.T. -0.038 min

Lab File: VV025902.D

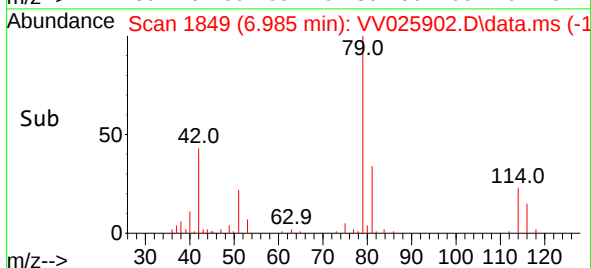
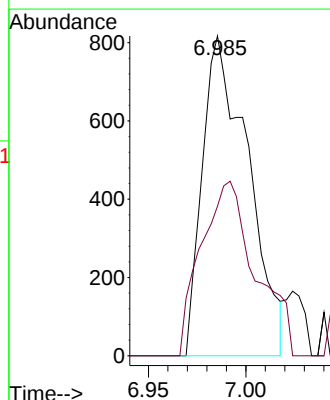
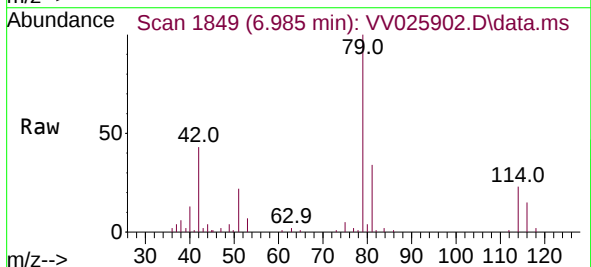
Acq: 16 May 2022 11:15

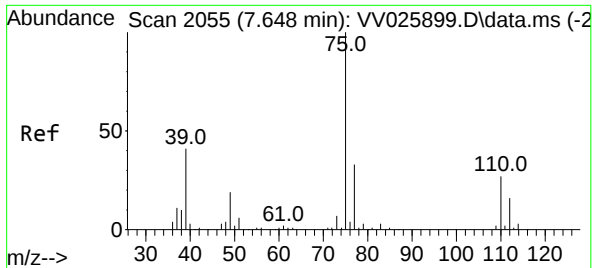
Tgt Ion: 75 Resp: 1333

Ion Ratio Lower Upper

75 100

77 46.8 22.1 41.1#

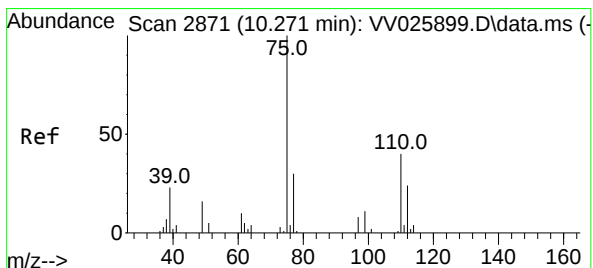
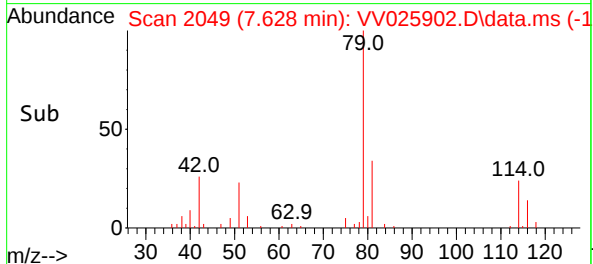
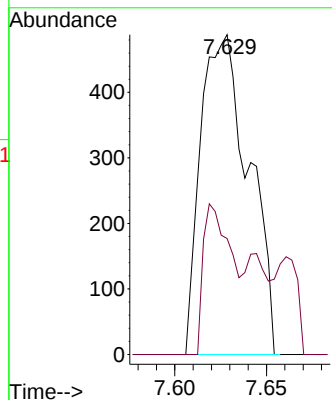
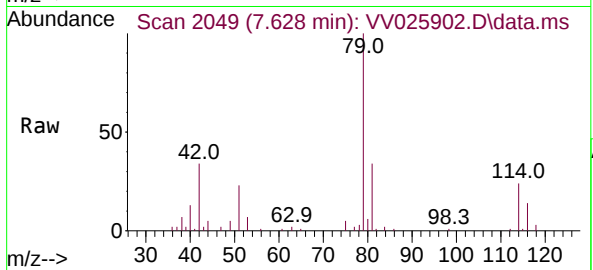




#44
trans-1,3-Dichloropropene
Concen: 0.083 ug/L
RT: 7.628 min Scan# 2055
Delta R.T. -0.019 min
Lab File: VV025902.D
Acq: 16 May 2022 11:15

Instrument :
MSVOA_V
ClientSampleId :
YB2L7

Tgt Ion: 75 Resp: 891
Ion Ratio Lower Upper
75 100
77 36.3 23.1 42.9



#61
1,2,3-Trichloropropane
Concen: 1.563 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.978 min
Lab File: VV025902.D
Acq: 16 May 2022 11:15

Tgt Ion: 75 Resp: 7669
Ion Ratio Lower Upper
75 100
77 29.7 26.2 39.2
110 1.3 32.4 48.6#

