

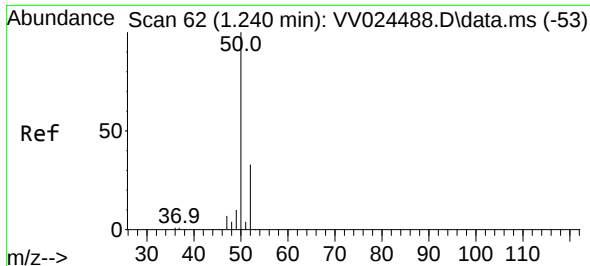
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012822\
 Data File : VW024503.D
 Acq On : 28 Jan 2022 21:54
 Operator : SY/MD
 Sample : N1328-13 100X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COHN2

Quant Time: Jan 29 03:54:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jan 29 03:50:16 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	108182	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	119948	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	53467	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	41271	4.355	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	87.000%	
7) Chloroethane-d5	1.568	69	43147	5.219	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	104.400%	
11) 1,1-Dichloroethene-d2	2.108	63	69078	3.813	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	76.200%	
20) 2-Butanone-d5	3.909	46	78809	52.173	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	104.340%	
24) Chloroform-d	4.352	84	91788	5.104	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.000%	
26) 1,2-Dichloroethane-d4	5.034	65	46450	5.703	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	114.000%	
32) Benzene-d6	5.053	84	156094	4.357	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.200%	
36) 1,2-Dichloropropane-d6	6.069	67	57803	5.124	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	102.400%	
41) Toluene-d8	7.317	98	119640	3.640	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	72.800%	
43) trans-1,3-Dichloroprop...	7.625	79	14869	3.838	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	76.800%	
46) 2-Hexanone-d5	8.092	63	60954	46.020	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	92.040%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	35722	5.320	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	106.400%	
66) 1,2-Dichlorobenzene-d4	11.625	152	44509	4.855	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	97.000%	
Target Compounds						
3) Chloromethane	1.243	50	657	0.059	ug/L	92
12) 1,1-Dichloroethene	2.111	96	1032	0.127	ug/L #	1
22) cis-1,2-Dichloroethene	3.912	96	460	0.059	ug/L	89
25) Chloroform	4.372	83	4208	0.255	ug/L	90
34) Trichloroethene	5.928	95	2117	0.233	ug/L #	81
35) Methylcyclohexane	6.069	83	13419	1.003	ug/L #	19
37) 1,2-Dichloropropane	6.072	63	6309	0.800	ug/L #	84
38) Bromodichloromethane	6.523	83	654	0.061	ug/L #	74
47) Tetrachloroethene	7.976	164	4131	0.578	ug/L	93
61) 1,2,3-Trichloropropane	11.249	75	6398	1.931	ug/L #	63

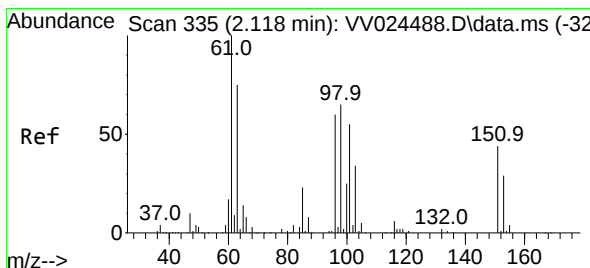
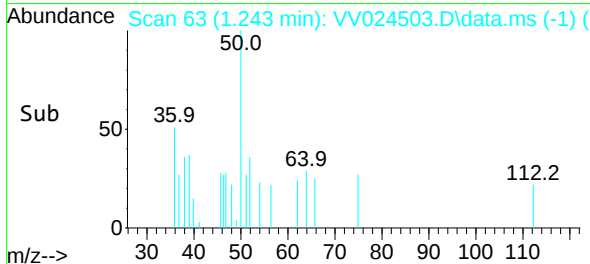
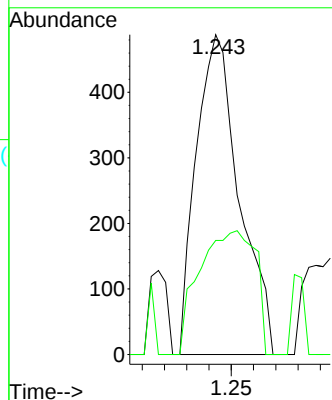
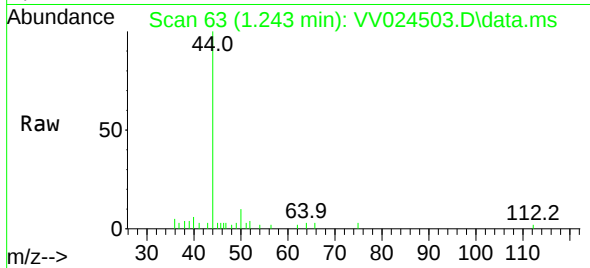
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#3
Chloromethane
Concen: 0.059 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV024503.D
Acq: 28 Jan 2022 21:54

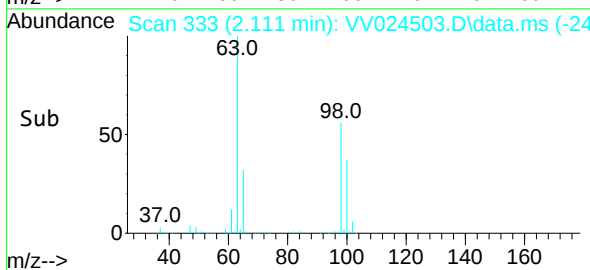
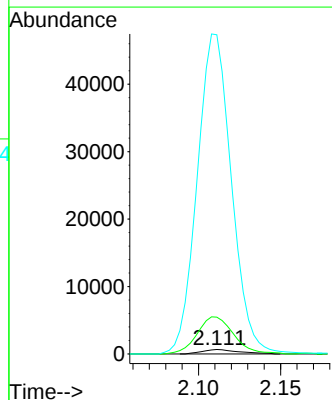
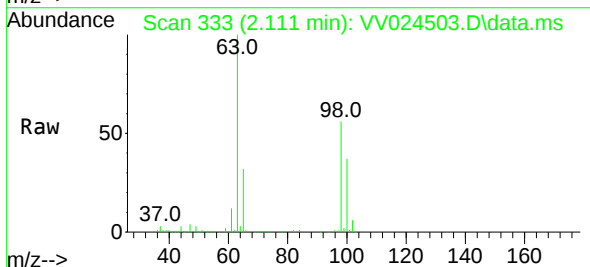
Instrument :
MSVOA_V
ClientSampleId :
COHN2

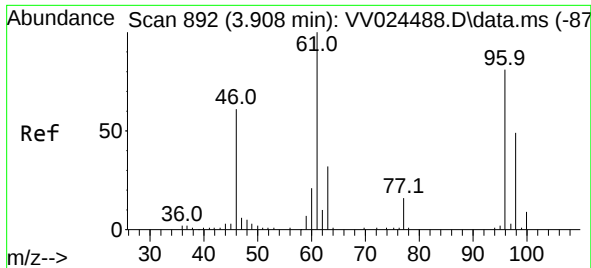
Tgt Ion: 50 Resp: 657
Ion Ratio Lower Upper
50 100
52 35.7 22.0 41.0



#12
1,1-Dichloroethene
Concen: 0.127 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.006 min
Lab File: VV024503.D
Acq: 28 Jan 2022 21:54

Tgt Ion: 96 Resp: 1032
Ion Ratio Lower Upper
96 100
61 823.8 116.1 215.5#
63 7128.9 79.4 147.4#

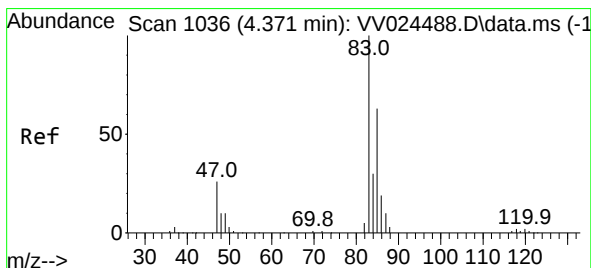
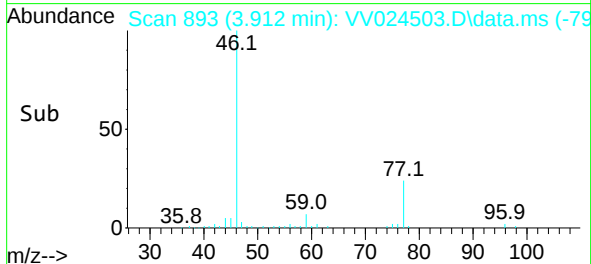
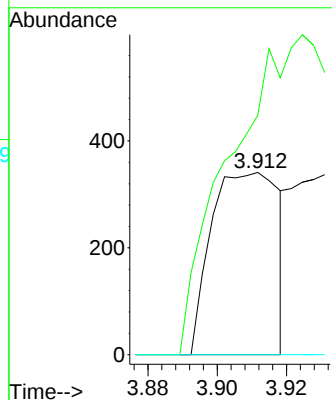
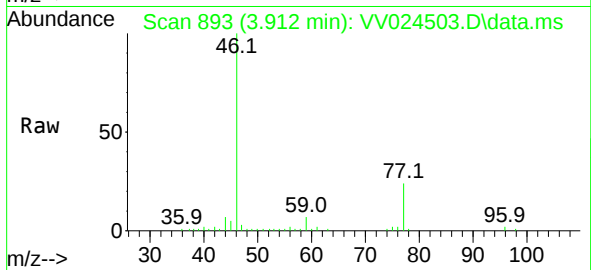




#22
 cis-1,2-Dichloroethene
 Concen: 0.059 ug/L
 RT: 3.912 min Scan# 893
 Delta R.T. 0.003 min
 Lab File: VV024503.D
 Acq: 28 Jan 2022 21:54

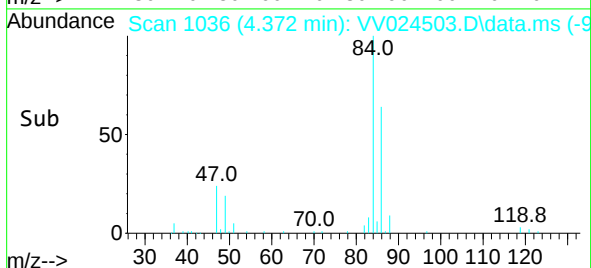
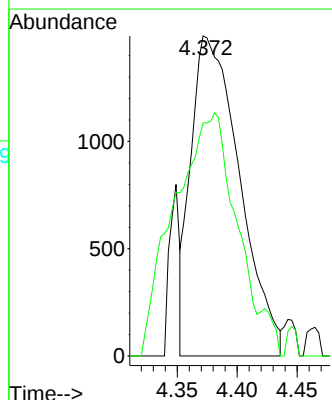
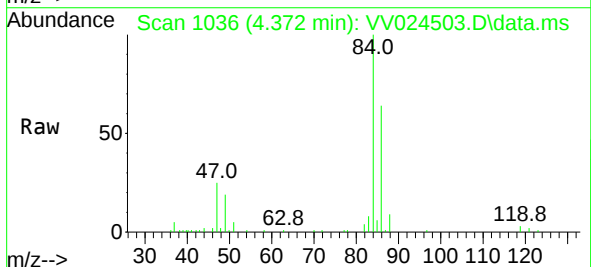
Instrument :
 MSVOA_V
 ClientSampleId :
 COHN2

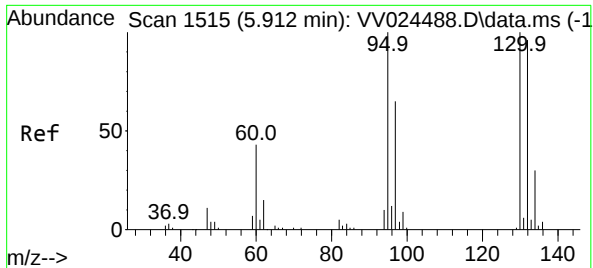
Tgt Ion: 96 Resp: 460
 Ion Ratio Lower Upper
 96 100
 61 131.4 83.4 154.8
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.255 ug/L
 RT: 4.372 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VV024503.D
 Acq: 28 Jan 2022 21:54

Tgt Ion: 83 Resp: 4208
 Ion Ratio Lower Upper
 83 100
 85 72.8 45.2 84.0



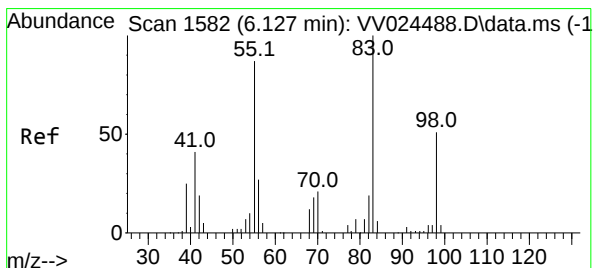
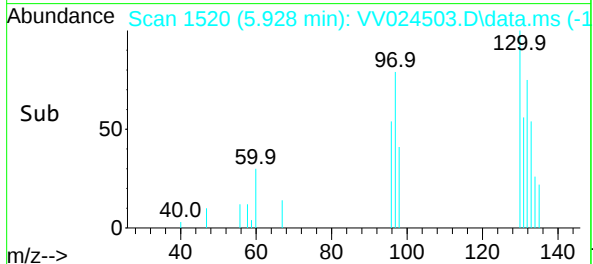
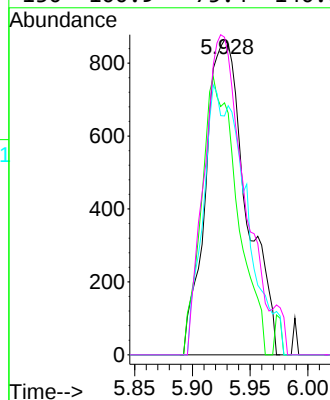
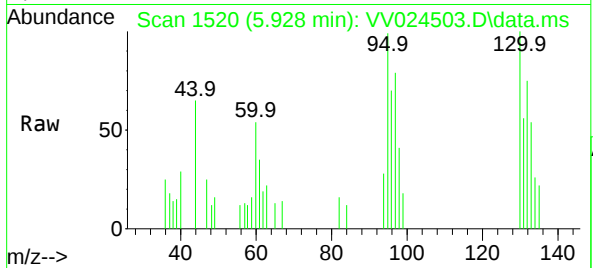


#34
Trichloroethene
Concen: 0.233 ug/L
RT: 5.928 min Scan# 11
Delta R.T. 0.016 min
Lab File: VV024503.D
Acq: 28 Jan 2022 21:54

Instrument :
MSVOA_V
ClientSampleId :
COHN2

Tgt Ion: 95 Resp: 2117

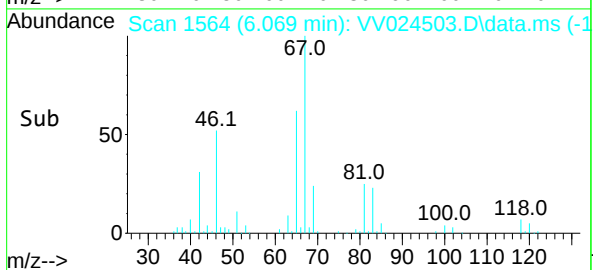
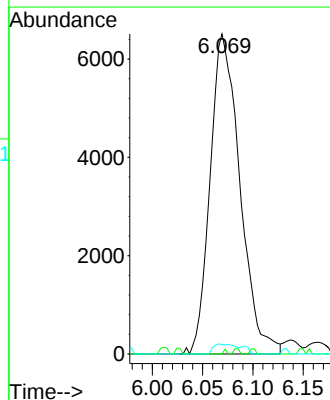
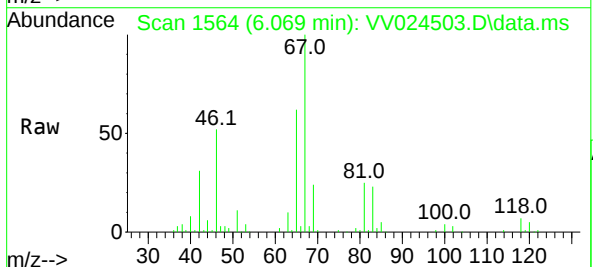
Ion	Ratio	Lower	Upper
95	100		
97	80.1	45.2	84.0
132	75.9	76.1	141.3#
130	100.9	75.4	140.0

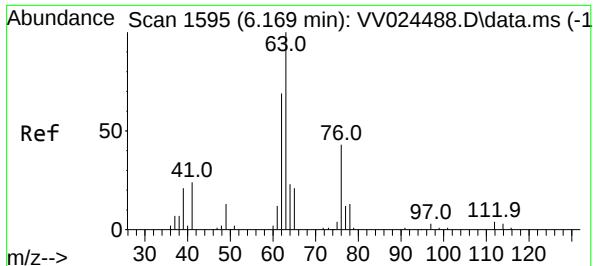


#35
Methylcyclohexane
Concen: 1.003 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV024503.D
Acq: 28 Jan 2022 21:54

Tgt Ion: 83 Resp: 13419

Ion	Ratio	Lower	Upper
83	100		
55	0.1	60.2	90.2#
98	2.2	41.0	61.4#





#37

1,2-Dichloropropane

Concen: 0.800 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.096 min

Lab File: VV024503.D

Acq: 28 Jan 2022 21:54

Instrument :

MSVOA_V

ClientSampleId :

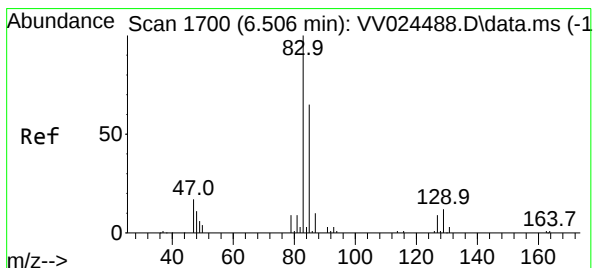
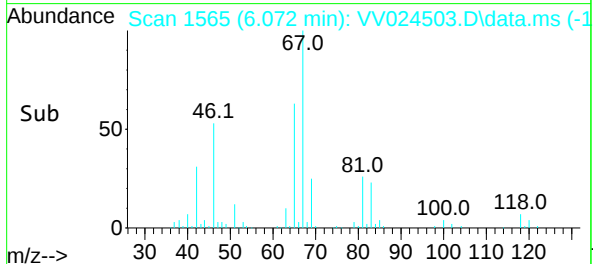
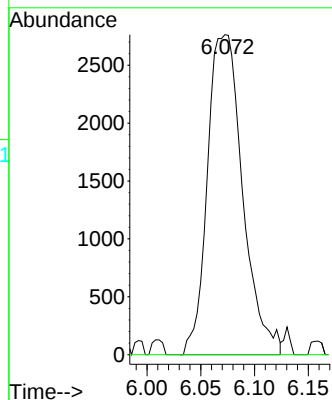
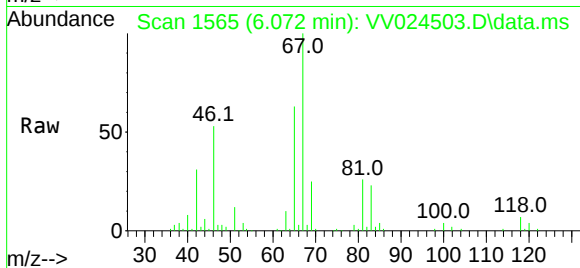
COHN2

Tgt Ion: 63 Resp: 6309

Ion Ratio Lower Upper

63 100

112 0.0 4.3 6.5#



#38

Bromodichloromethane

Concen: 0.061 ug/L

RT: 6.523 min Scan# 1705

Delta R.T. 0.016 min

Lab File: VV024503.D

Acq: 28 Jan 2022 21:54

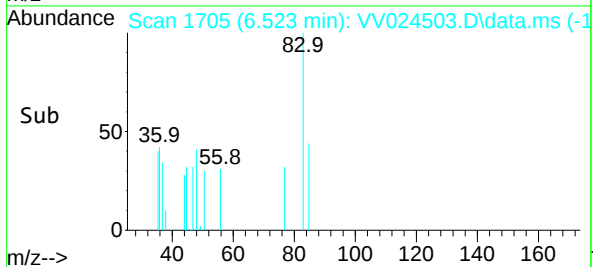
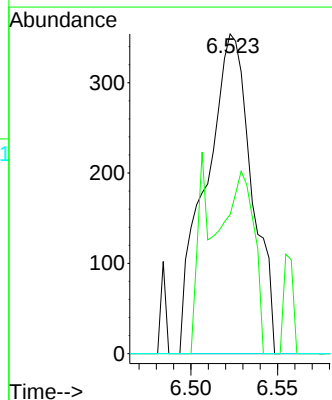
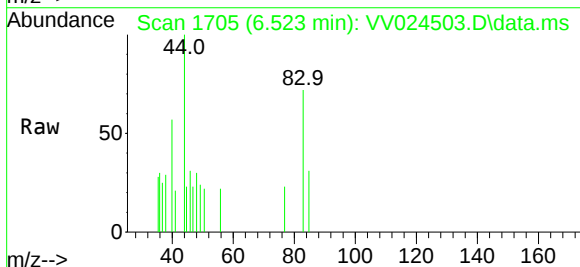
Tgt Ion: 83 Resp: 654

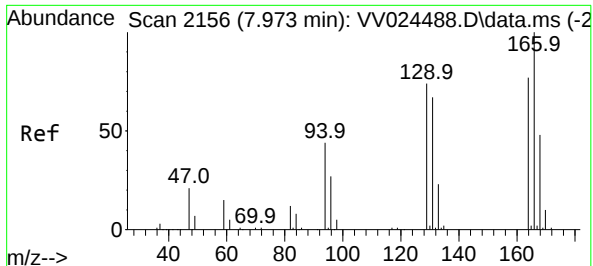
Ion Ratio Lower Upper

83 100

85 43.5 44.0 81.8#

127 0.0 8.6 12.8#





#47

Tetrachloroethene

Concen: 0.578 ug/L

RT: 7.976 min Scan# 2156

Delta R.T. 0.003 min

Lab File: VV024503.D

Acq: 28 Jan 2022 21:54

Instrument :

MSVOA_V

ClientSampleId :

COHN2

Tgt Ion:164 Resp: 4131

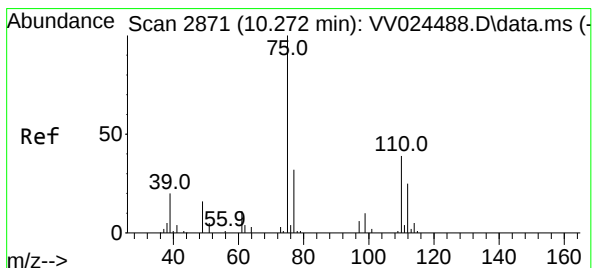
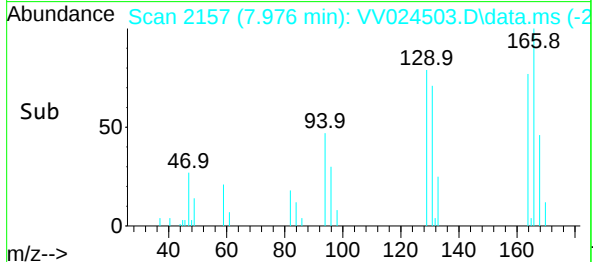
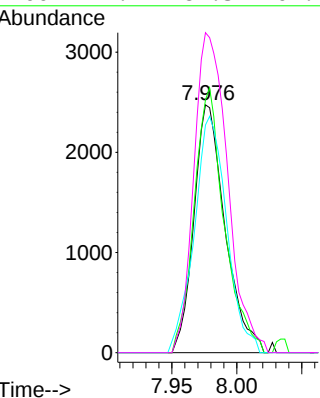
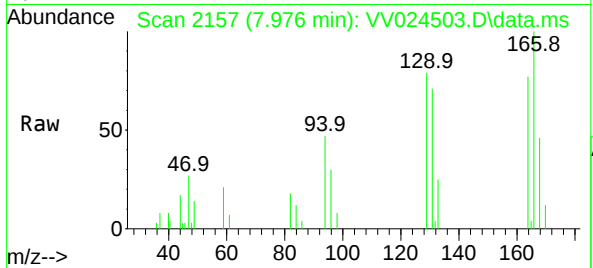
Ion Ratio Lower Upper

164 100

129 102.0 62.6 116.2

131 91.9 61.0 113.4

166 129.1 87.3 162.1



#61

1,2,3-Trichloropropane

Concen: 1.931 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.977 min

Lab File: VV024503.D

Acq: 28 Jan 2022 21:54

Tgt Ion: 75 Resp: 6398

Ion Ratio Lower Upper

75 100

77 36.4 26.4 39.6

110 3.3 34.2 51.2#

