

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032622\
 Data File : VW025232.D
 Acq On : 27 Mar 2022 04:55
 Operator : SY/MD
 Sample : N2110-04
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0PB4

Quant Time: Mar 28 03:48:35 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)

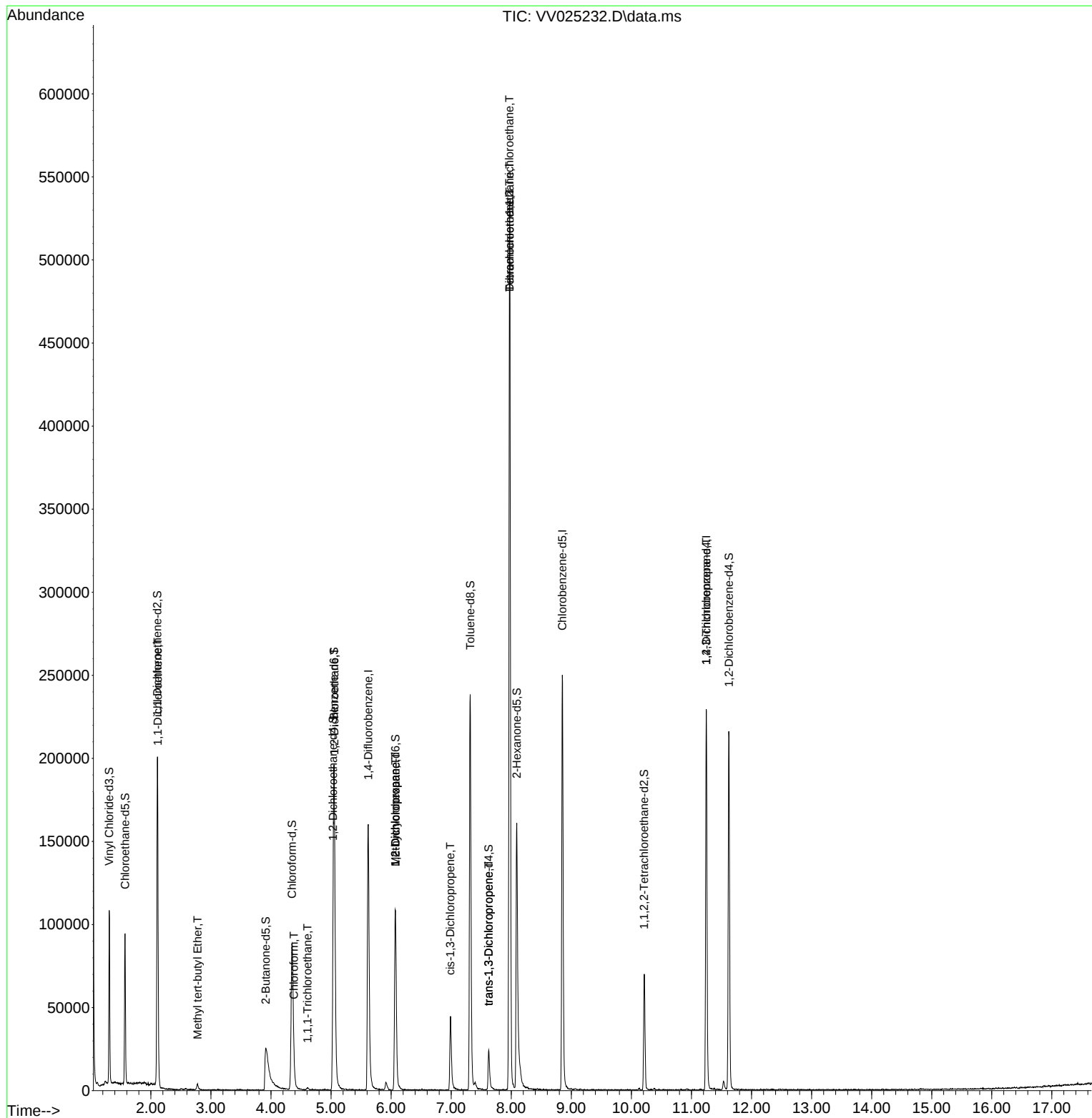
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	145295	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	141977	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	59015	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	65795	4.848	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.000%
7) Chloroethane-d5	1.571	69	57300	5.030	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.600%
11) 1,1-Dichloroethene-d2	2.108	63	104268	3.547	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.000%
20) 2-Butanone-d5	3.912	46	63642	47.076	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.160%
24) Chloroform-d	4.352	84	93553	5.282	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.600%
26) 1,2-Dichloroethane-d4	5.034	65	41569	5.310	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.200%
32) Benzene-d6	5.050	84	186668	5.197	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.000%
36) 1,2-Dichloropropane-d6	6.072	67	53379	5.303	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.000%
41) Toluene-d8	7.317	98	161018	4.887	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
43) trans-1,3-Dichloroprop...	7.625	79	14741	4.489	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.800%
46) 2-Hexanone-d5	8.091	63	59320	50.015	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.040%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	33686	5.019	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	55078	5.811	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.200%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.114	96	2171	0.148	ug/L #	1
17) Methyl tert-butyl Ether	2.777	73	3364	0.182	ug/L #	90
25) Chloroform	4.381	83	6043	0.311	ug/L	91
27) 1,2-Dichloroethane	5.056	62	927	0.092	ug/L #	73
29) 1,1,1-Trichloroethane	4.609	97	1042	0.061	ug/L #	48
35) Methylcyclohexane	6.072	83	13318	0.743	ug/L #	22
37) 1,2-Dichloropropane	6.072	63	6182	0.640	ug/L #	84
39) cis-1,3-Dichloropropene	6.985	75	1156	0.092	ug/L #	46
44) trans-1,3-Dichloropropene	7.625	75	778	0.079	ug/L	93
45) 1,1,2-Trichloroethane	7.969	97	973	0.147	ug/L #	1
47) Tetrachloroethene	7.972	164	113578	13.469	ug/L	97
49) Dibromochloromethane	7.972	129	108535	15.248	ug/L #	11
61) 1,2,3-Trichloropropane	11.246	75	7339	1.644	ug/L #	66

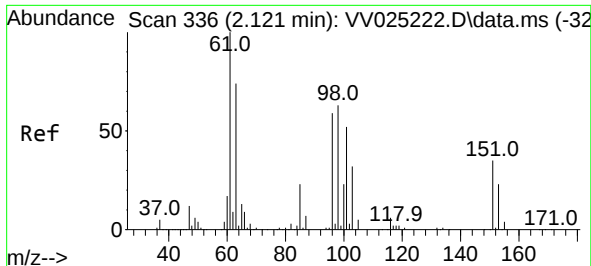
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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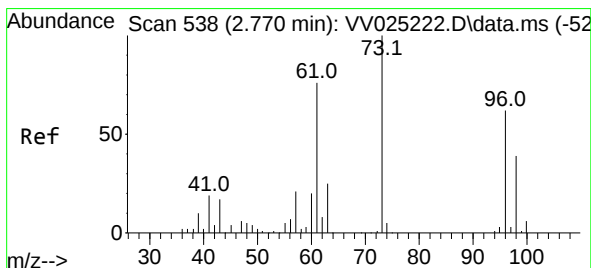
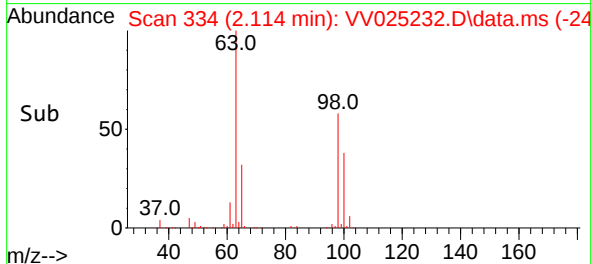
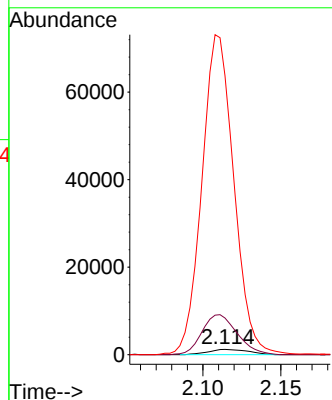
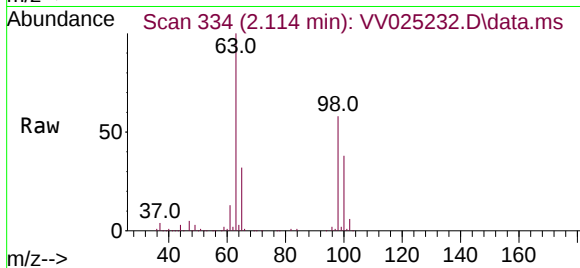




#12
1,1-Dichloroethene
Concen: 0.148 ug/L
RT: 2.114 min Scan# 31
Delta R.T. -0.006 min
Lab File: VV025232.D
Acq: 27 Mar 2022 04:55

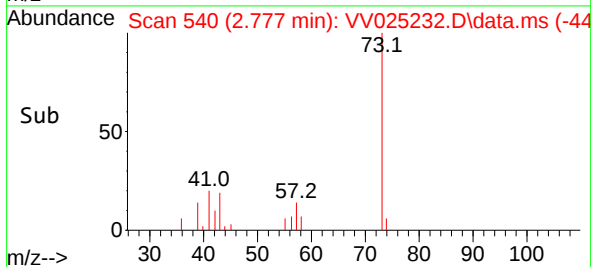
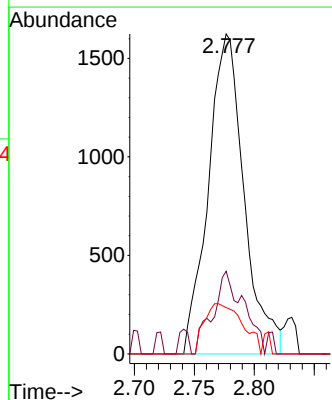
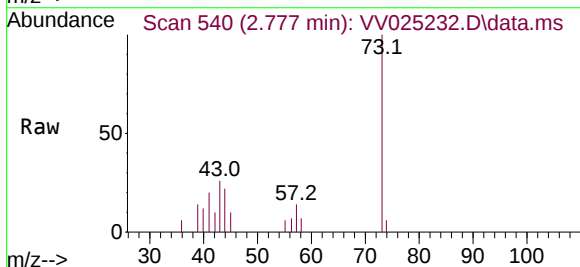
Instrument :
MSVOA_V
ClientSampleId :
C0PB4

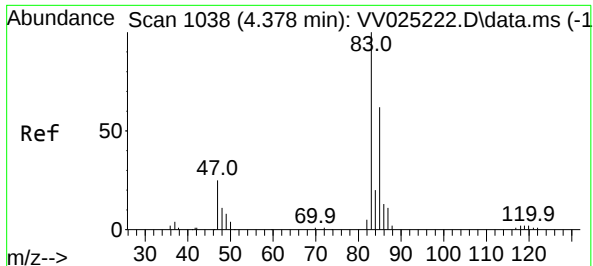
Tgt Ion: 96 Resp: 2171
Ion Ratio Lower Upper
96 100
61 684.8 121.5 225.7#
63 5221.3 77.9 144.7#



#17
Methyl tert-butyl Ether
Concen: 0.182 ug/L
RT: 2.777 min Scan# 540
Delta R.T. 0.006 min
Lab File: VV025232.D
Acq: 27 Mar 2022 04:55

Tgt Ion: 73 Resp: 3364
Ion Ratio Lower Upper
73 100
43 22.5 13.5 20.3#
57 16.8 16.4 24.6





#25

Chloroform

Concen: 0.311 ug/L

RT: 4.381 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV025232.D

Acq: 27 Mar 2022 04:55

Instrument :

MSVOA_V

ClientSampleId :

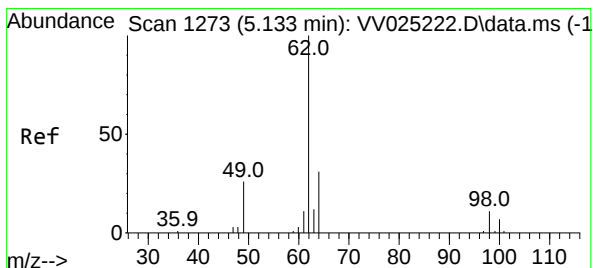
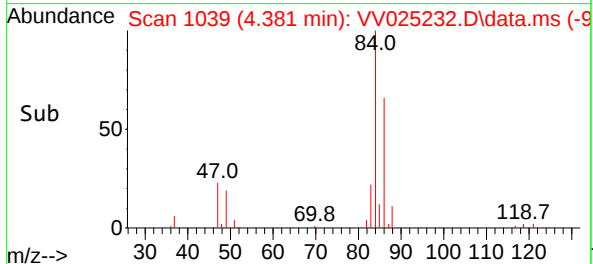
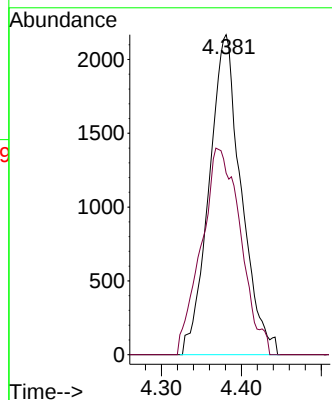
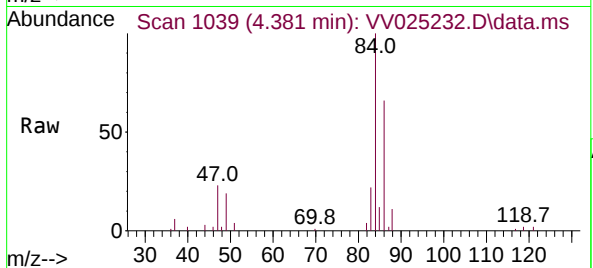
C0PB4

Tgt Ion: 83 Resp: 6043

Ion Ratio Lower Upper

83 100

85 56.7 44.7 82.9



#27

1,2-Dichloroethane

Concen: 0.092 ug/L

RT: 5.056 min Scan# 1249

Delta R.T. -0.077 min

Lab File: VV025232.D

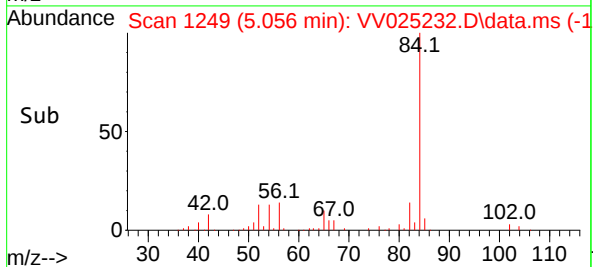
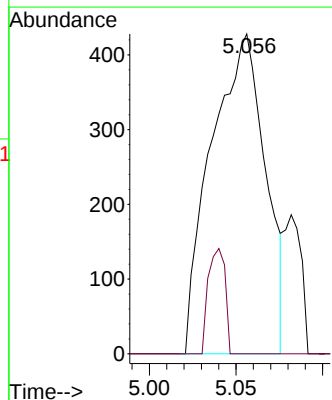
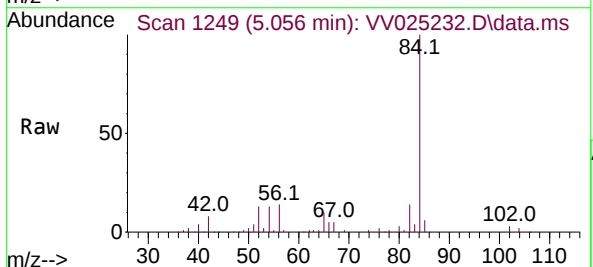
Acq: 27 Mar 2022 04:55

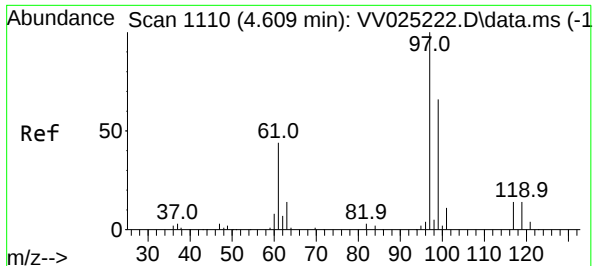
Tgt Ion: 62 Resp: 927

Ion Ratio Lower Upper

62 100

98 0.0 7.9 11.9#





#29

1,1,1-Trichloroethane

Concen: 0.061 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VV025232.D

Acq: 27 Mar 2022 04:55

Instrument :

MSVOA_V

ClientSampleId :

C0PB4

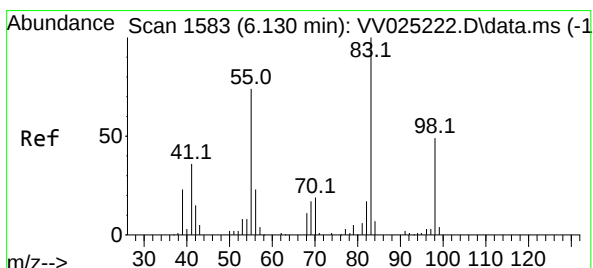
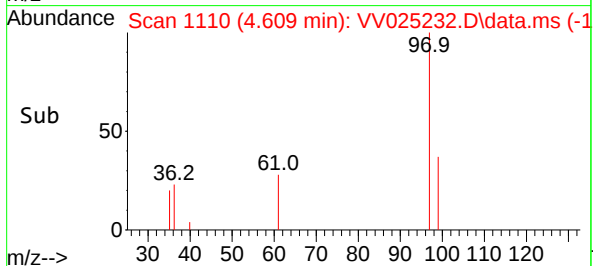
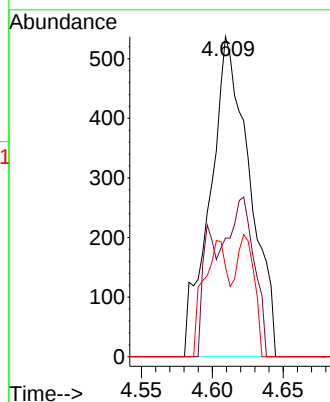
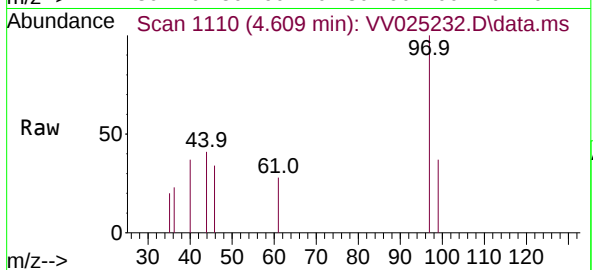
Tgt Ion: 97 Resp: 1042

Ion Ratio Lower Upper

97 100

99 13.6 51.9 77.9#

61 22.2 34.2 51.2#



#35

Methylcyclohexane

Concen: 0.743 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.058 min

Lab File: VV025232.D

Acq: 27 Mar 2022 04:55

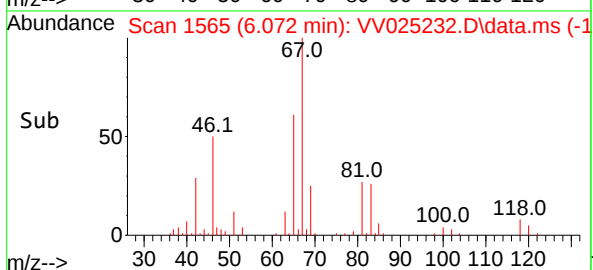
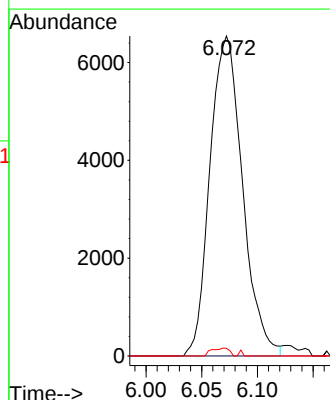
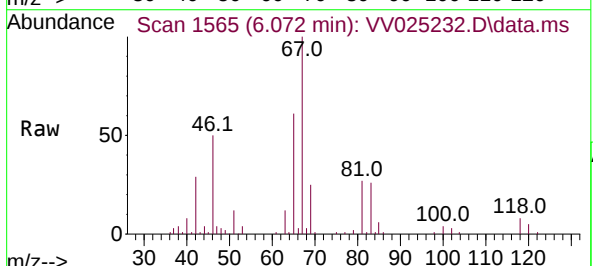
Tgt Ion: 83 Resp: 13318

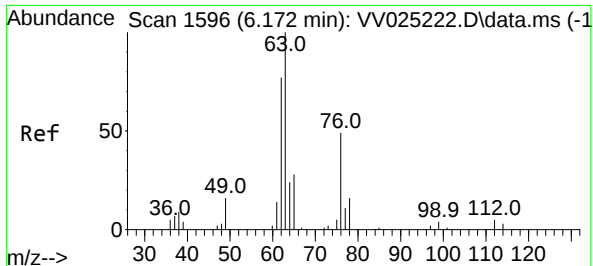
Ion Ratio Lower Upper

83 100

55 0.0 54.6 81.8#

98 1.3 39.8 59.6#





#37

1,2-Dichloropropane

Concen: 0.640 ug/L

RT: 6.072 min Scan# 1

Delta R.T. -0.100 min

Lab File: VV025232.D

Acq: 27 Mar 2022 04:55

Instrument :

MSVOA_V

ClientSampleId :

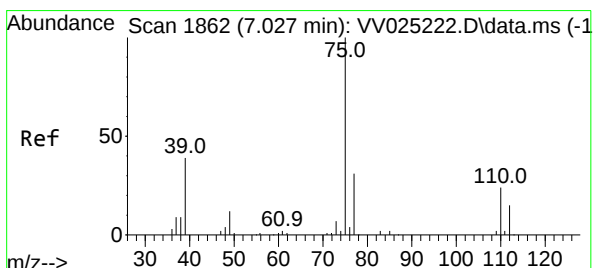
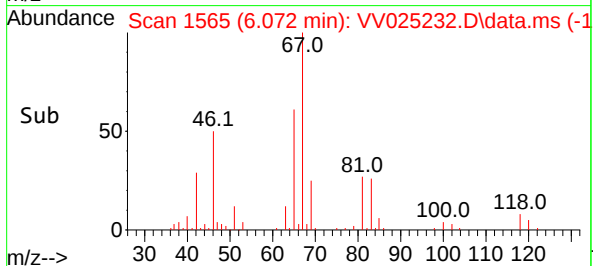
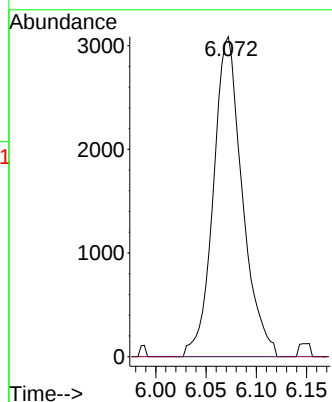
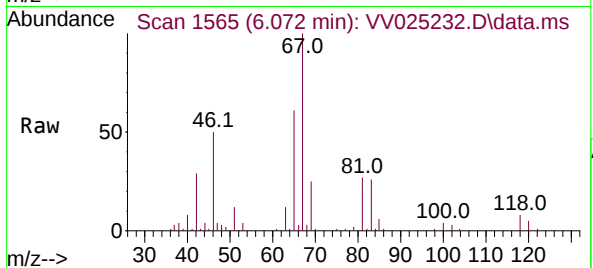
C0PB4

Tgt Ion: 63 Resp: 6182

Ion Ratio Lower Upper

63 100

112 0.0 4.2 6.2#



#39

cis-1,3-Dichloropropene

Concen: 0.092 ug/L

RT: 6.985 min Scan# 1849

Delta R.T. -0.042 min

Lab File: VV025232.D

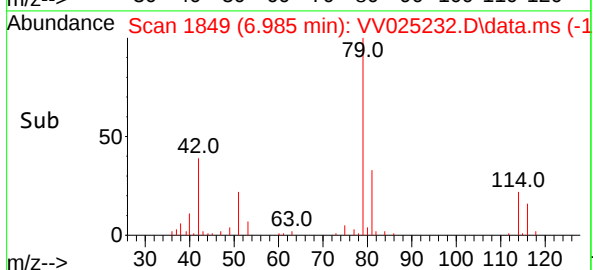
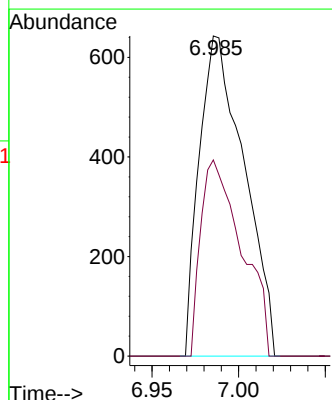
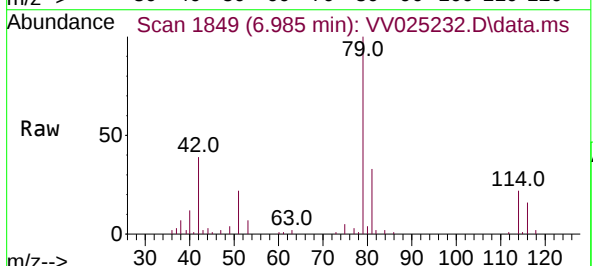
Acq: 27 Mar 2022 04:55

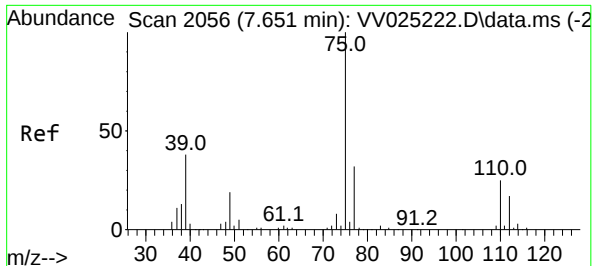
Tgt Ion: 75 Resp: 1156

Ion Ratio Lower Upper

75 100

77 61.3 22.1 41.1#

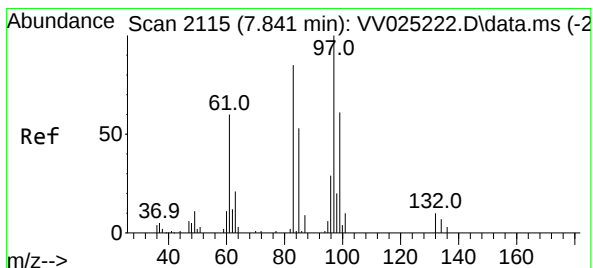
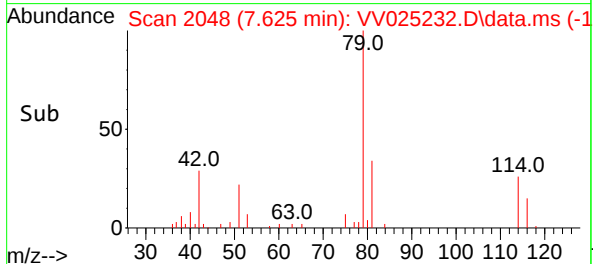
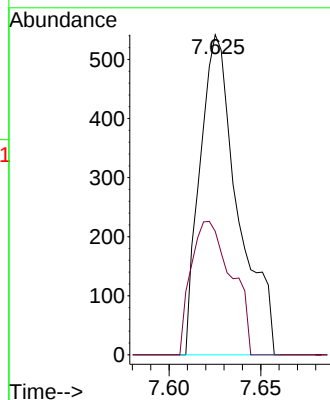
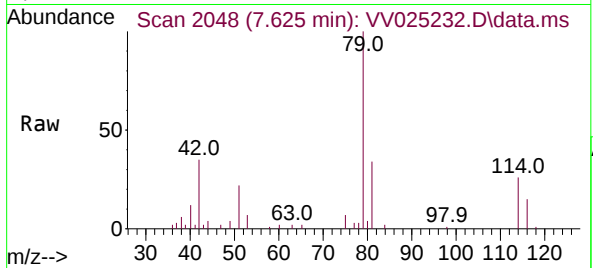




#44
trans-1,3-Dichloropropene
Concen: 0.079 ug/L
RT: 7.625 min Scan# 2048
Delta R.T. -0.026 min
Lab File: VV025232.D
Acq: 27 Mar 2022 04:55

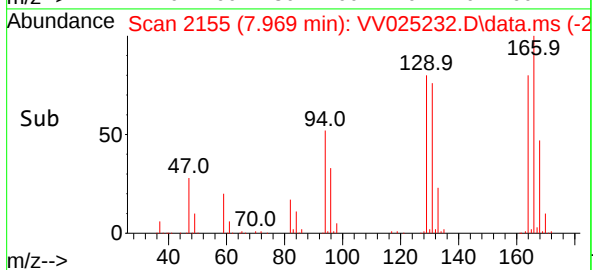
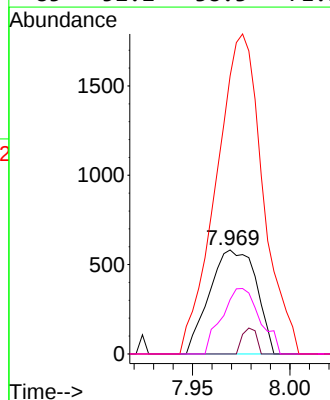
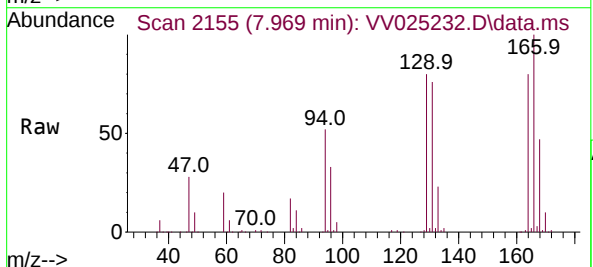
Instrument :
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C0PB4

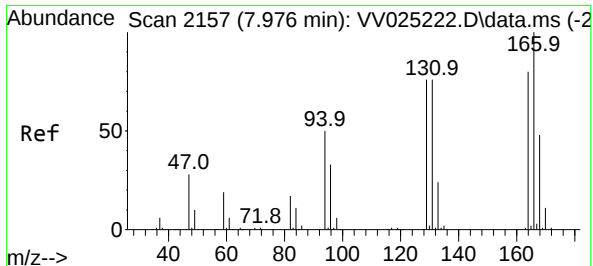
Tgt Ion: 75 Resp: 778
Ion Ratio Lower Upper
75 100
77 38.6 24.2 45.0



#45
1,1,2-Trichloroethane
Concen: 0.147 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. 0.129 min
Lab File: VV025232.D
Acq: 27 Mar 2022 04:55

Tgt Ion: 97 Resp: 973
Ion Ratio Lower Upper
97 100
99 0.0 43.3 80.5#
83 267.4 58.0 107.6#
85 52.2 38.3 71.1





#47

Tetrachloroethene

Concen: 13.469 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. -0.003 min

Lab File: VV025232.D

Acq: 27 Mar 2022 04:55

Instrument :

MSVOA_V

ClientSampleId :

C0PB4

Tgt Ion:164 Resp: 113578

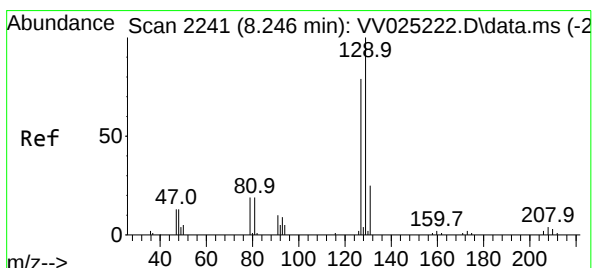
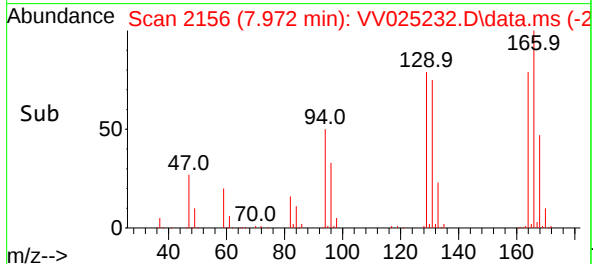
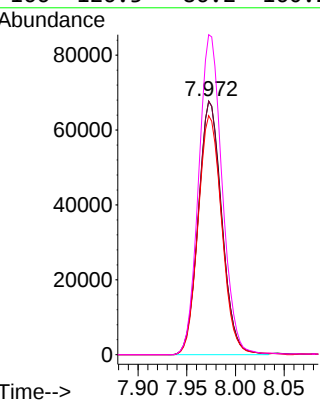
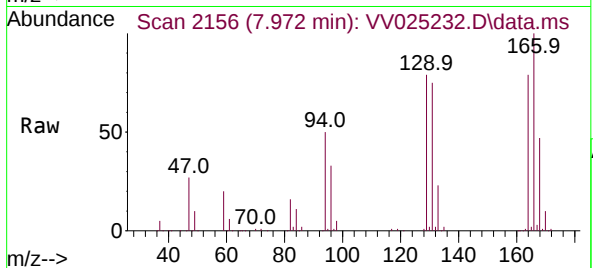
Ion Ratio Lower Upper

164 100

129 100.0 67.5 125.4

131 94.3 68.0 126.4

166 126.3 86.2 160.2



#49

Dibromochloromethane

Concen: 15.248 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. -0.273 min

Lab File: VV025232.D

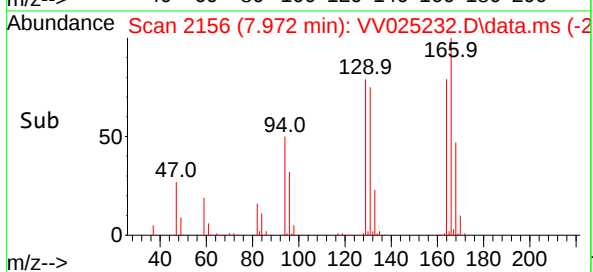
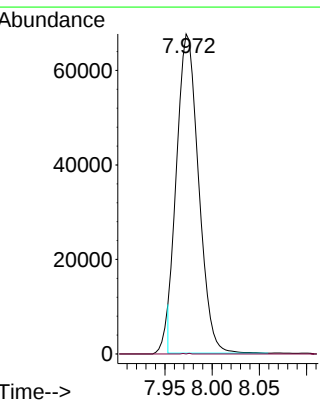
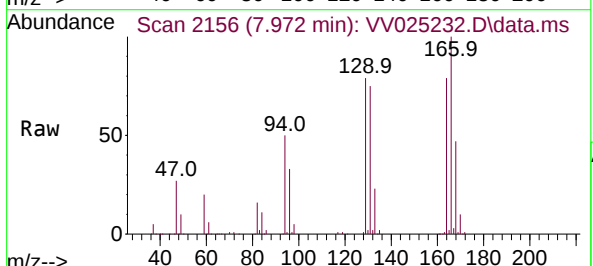
Acq: 27 Mar 2022 04:55

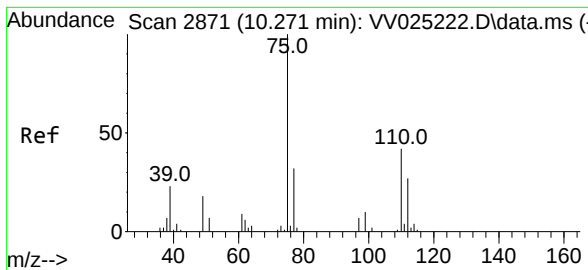
Tgt Ion:129 Resp: 108535

Ion Ratio Lower Upper

129 100

127 0.0 54.1 100.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.644 ug/L
 RT: 11.246 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV025232.D
 Acq: 27 Mar 2022 04:55

Instrument :
 MSVOA_V
 ClientSampleId :
 C0PB4

Tgt Ion: 75	Resp:	7339
Ion Ratio	Lower	Upper
75	100	
77	32.7	25.8 38.6
110	1.9	31.6 47.4#

