

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032622\
 Data File : VW025230.D
 Acq On : 27 Mar 2022 04:08
 Operator : SY/MD
 Sample : N2110-02
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0PB2

Quant Time: Mar 28 03:48:12 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)

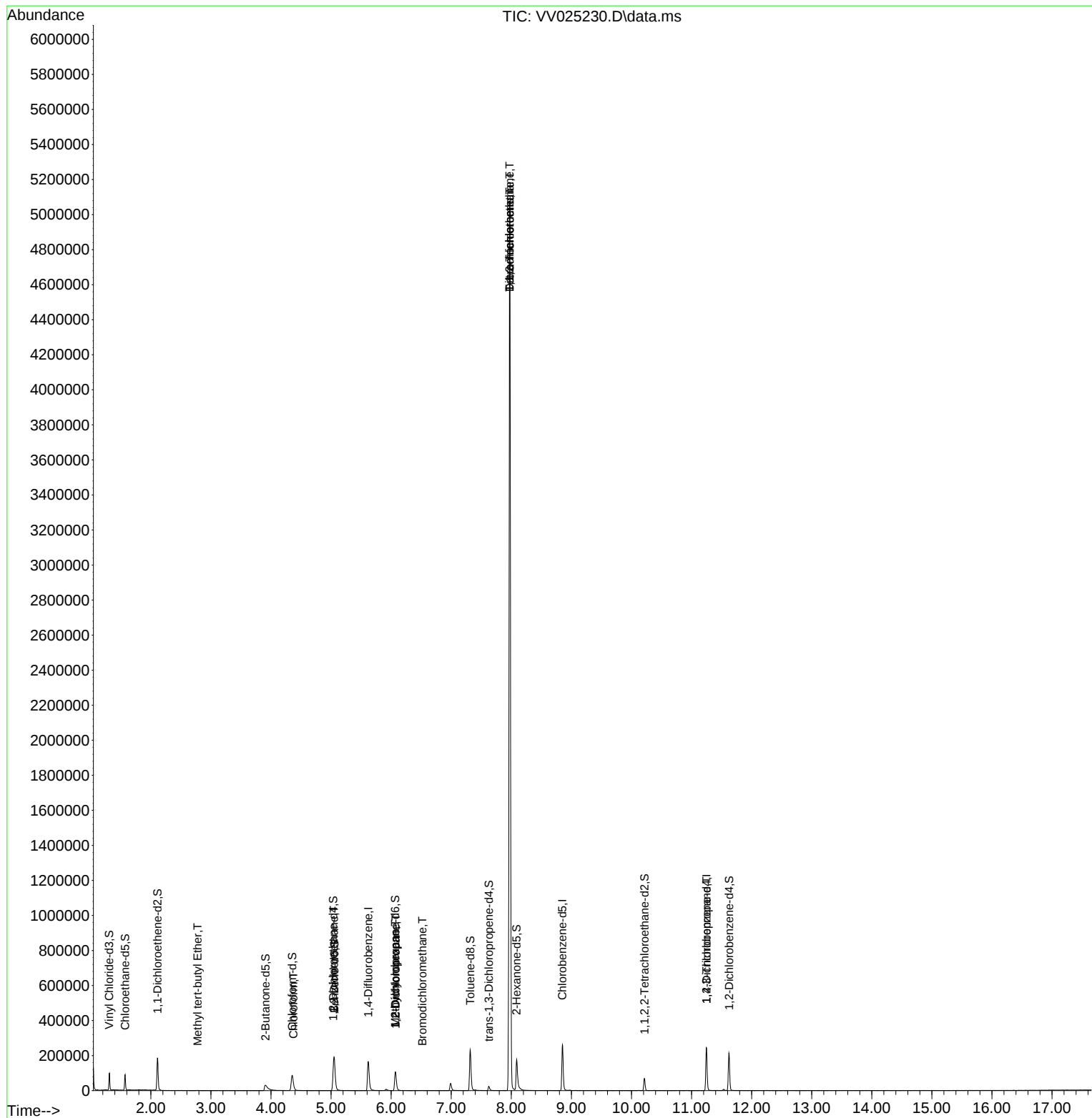
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	149520	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	145556	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	61604	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	60318	4.319	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.400%
7) Chloroethane-d5	1.571	69	54008	4.607	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.200%
11) 1,1-Dichloroethene-d2	2.111	63	97225	3.214	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.200%
20) 2-Butanone-d5	3.908	46	70602	50.748	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.500%
24) Chloroform-d	4.352	84	90845	4.984	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
26) 1,2-Dichloroethane-d4	5.037	65	40749	5.058	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.200%
32) Benzene-d6	5.053	84	181330	4.924	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
36) 1,2-Dichloropropane-d6	6.069	67	51730	5.013	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.200%
41) Toluene-d8	7.317	98	158439	4.691	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
43) trans-1,3-Dichloroprop...	7.625	79	14864	4.415	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.200%
46) 2-Hexanone-d5	8.088	63	65480	53.852	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.700%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	33183	4.822	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	53759	5.433	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.600%
Target Compounds						Qvalue
17) Methyl tert-butyl Ether	2.777	73	1174	0.062	ug/L #	79
25) Chloroform	4.375	83	2673	0.134	ug/L #	62
27) 1,2-Dichloroethane	5.047	62	576	0.056	ug/L #	73
35) Methylcyclohexane	6.069	83	13336	0.726	ug/L #	21
37) 1,2-Dichloropropane	6.076	63	5707	0.576	ug/L #	85
38) Bromodichloromethane	6.519	83	401	0.032	ug/L #	93
45) 1,1,2-Trichloroethane	7.973	97	9585	1.414	ug/L #	1
47) Tetrachloroethene	7.973	164	1040520	120.363	ug/L	97
49) Dibromochloromethane	7.973	129	994548	136.292	ug/L #	11
61) 1,2,3-Trichloropropane	11.249	75	8123	1.743	ug/L #	68

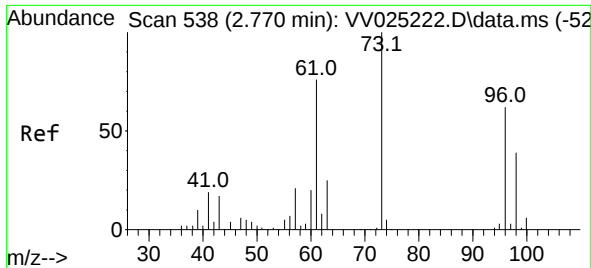
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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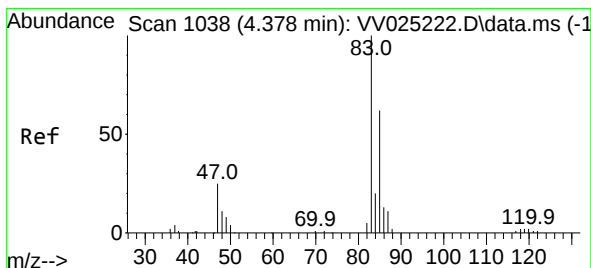
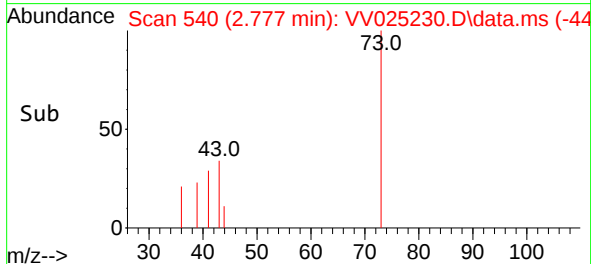
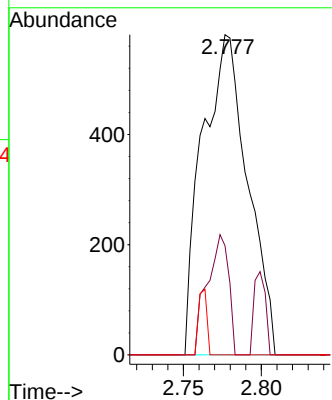
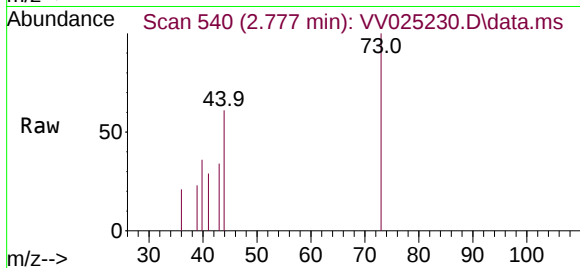




#17
Methyl tert-butyl Ether
Concen: 0.062 ug/L
RT: 2.777 min Scan# 54
Delta R.T. 0.007 min
Lab File: VV025230.D
Acq: 27 Mar 2022 04:08

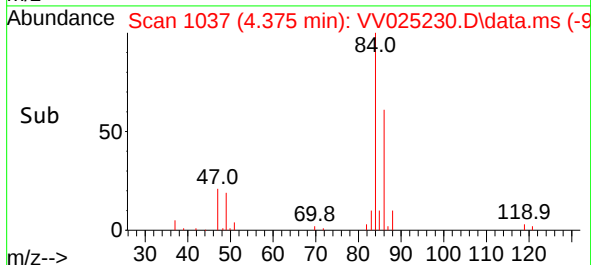
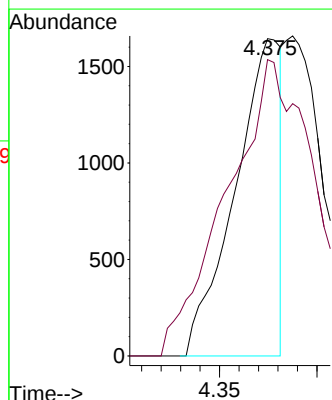
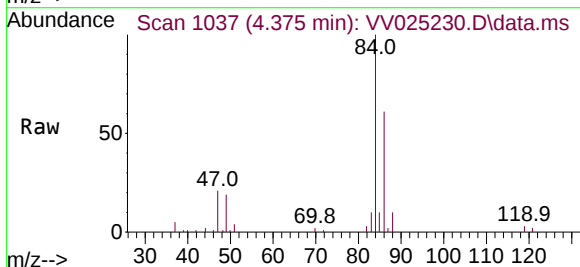
Instrument :
MSVOA_V
ClientSampleId :
C0PB2

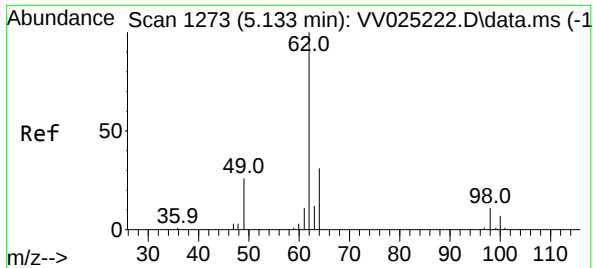
Tgt Ion: 73 Resp: 1174
Ion Ratio Lower Upper
73 100
43 17.9 13.5 20.3
57 3.7 16.4 24.6#



#25
Chloroform
Concen: 0.134 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. -0.003 min
Lab File: VV025230.D
Acq: 27 Mar 2022 04:08

Tgt Ion: 83 Resp: 2673
Ion Ratio Lower Upper
83 100
85 93.4 44.7 82.9#





#27

1,2-Dichloroethane

Concen: 0.056 ug/L

RT: 5.047 min Scan# 1

Delta R.T. -0.087 min

Lab File: VV025230.D

Acq: 27 Mar 2022 04:08

Instrument :

MSVOA_V

ClientSampleId :

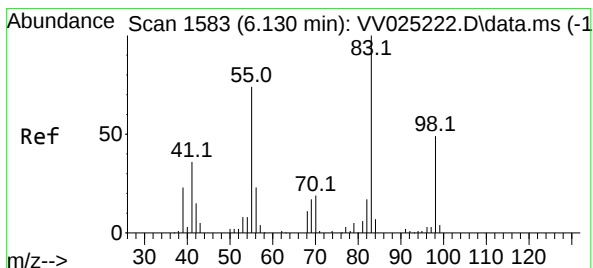
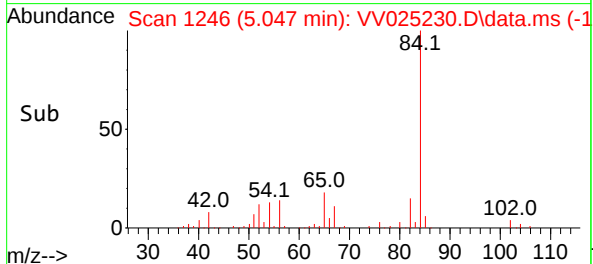
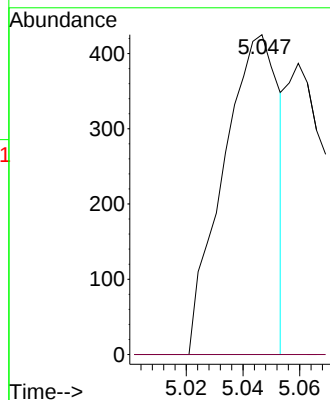
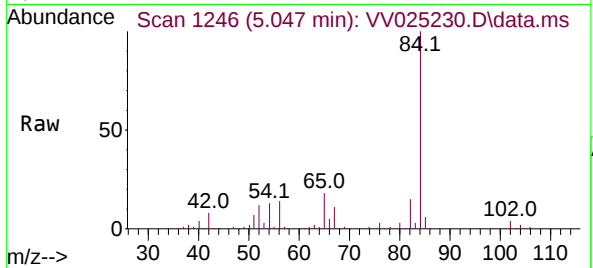
C0PB2

Tgt Ion: 62 Resp: 576

Ion Ratio Lower Upper

62 100

98 0.0 7.9 11.9#



#35

Methylcyclohexane

Concen: 0.726 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.061 min

Lab File: VV025230.D

Acq: 27 Mar 2022 04:08

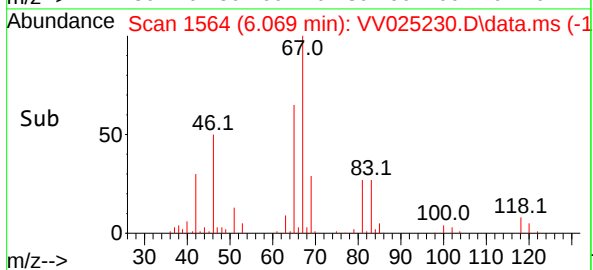
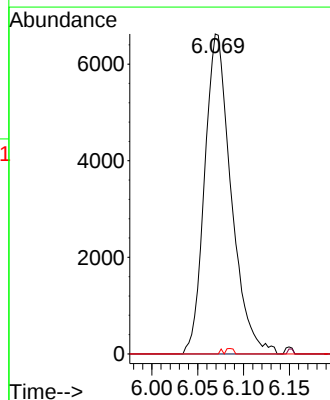
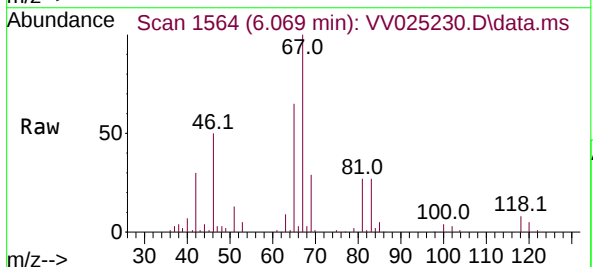
Tgt Ion: 83 Resp: 13336

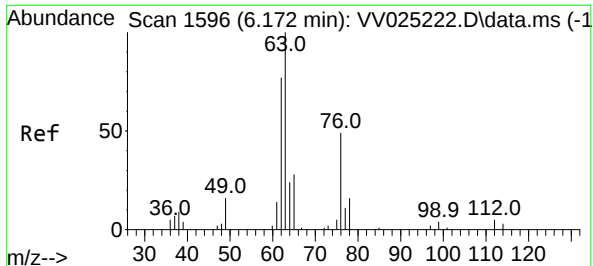
Ion Ratio Lower Upper

83 100

55 0.3 54.6 81.8#

98 0.6 39.8 59.6#





#37

1,2-Dichloropropane

Concen: 0.576 ug/L

RT: 6.076 min Scan# 11

Delta R.T. -0.096 min

Lab File: VV025230.D

Acq: 27 Mar 2022 04:08

Instrument :

MSVOA_V

ClientSampleId :

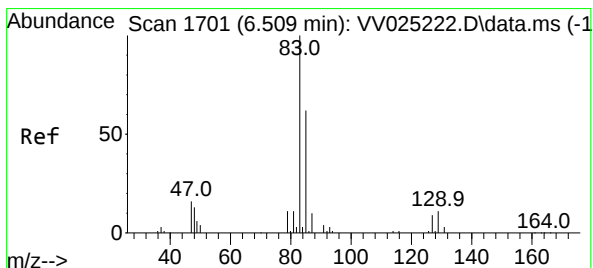
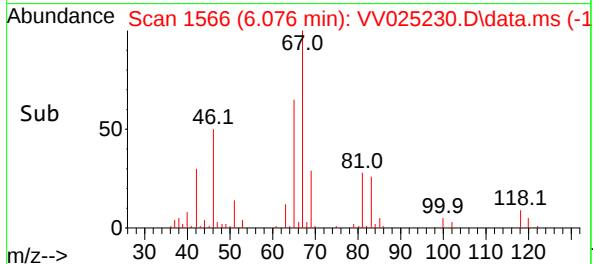
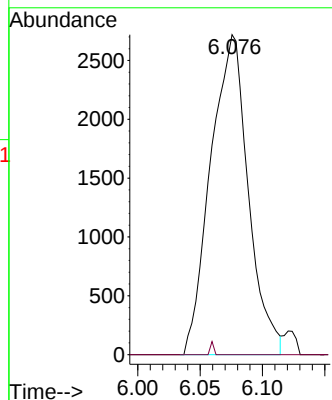
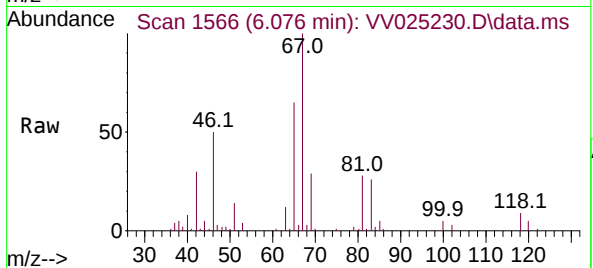
C0PB2

Tgt Ion: 63 Resp: 5707

Ion Ratio Lower Upper

63 100

112 0.4 4.2 6.2#



#38

Bromodichloromethane

Concen: 0.032 ug/L

RT: 6.519 min Scan# 1704

Delta R.T. 0.010 min

Lab File: VV025230.D

Acq: 27 Mar 2022 04:08

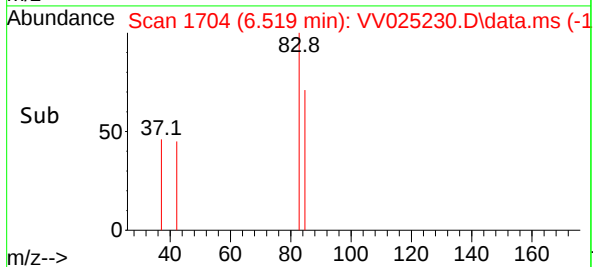
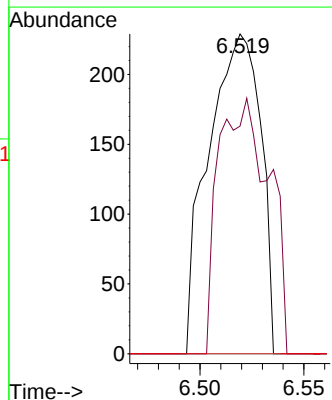
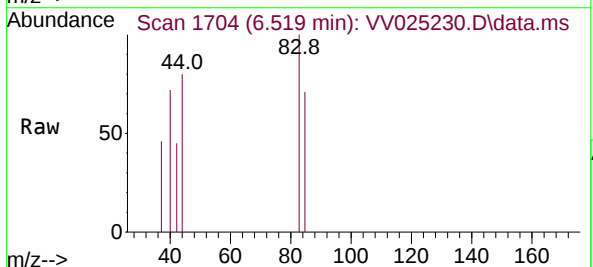
Tgt Ion: 83 Resp: 401

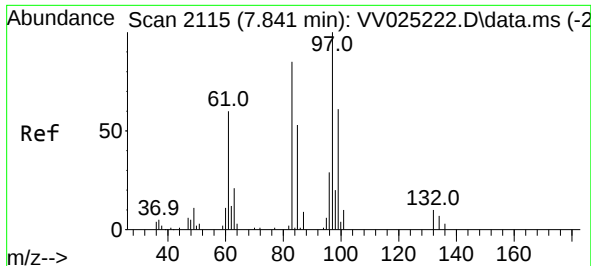
Ion Ratio Lower Upper

83 100

85 71.2 47.2 87.6

127 0.0 7.2 10.8#





#45

1,1,2-Trichloroethane

Concen: 1.414 ug/L

RT: 7.973 min Scan# 2115

Delta R.T. 0.132 min

Lab File: VV025230.D

Acq: 27 Mar 2022 04:08

Instrument :

MSVOA_V

ClientSampleId :

C0PB2

Tgt Ion: 97 Resp: 9585

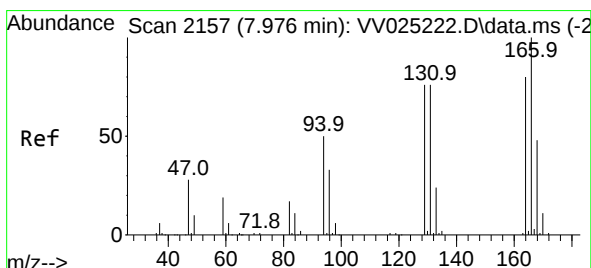
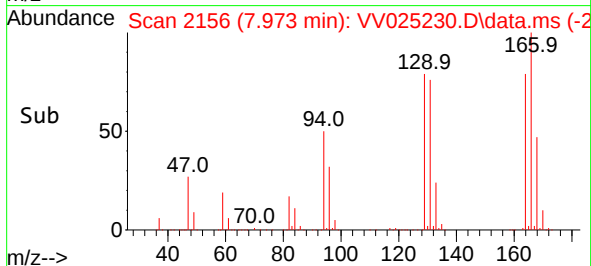
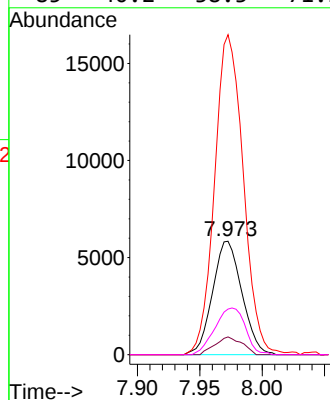
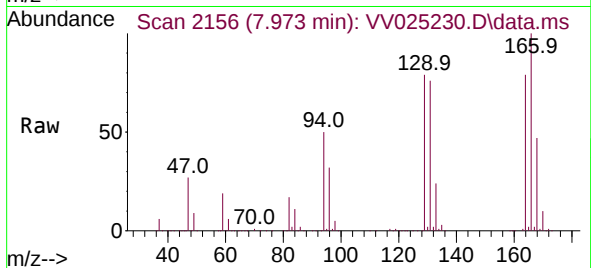
Ion Ratio Lower Upper

97 100

99 15.6 43.3 80.5#

83 282.2 58.0 107.6#

85 40.2 38.3 71.1



#47

Tetrachloroethene

Concen: 120.363 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.003 min

Lab File: VV025230.D

Acq: 27 Mar 2022 04:08

Tgt Ion:164 Resp: 1040520

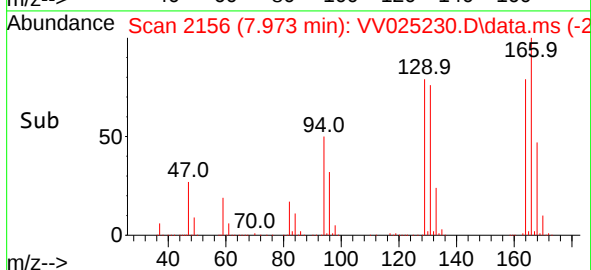
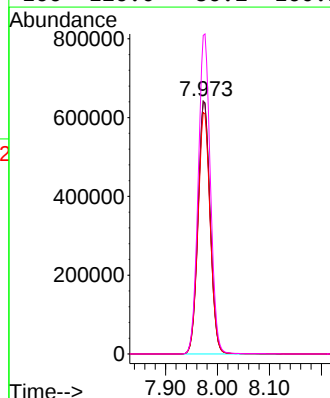
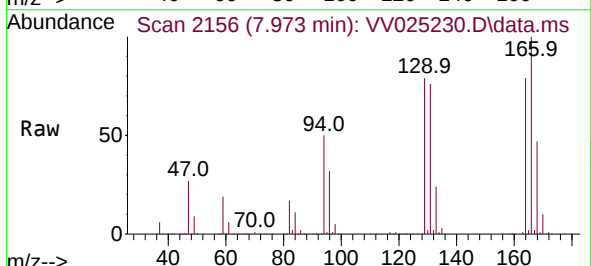
Ion Ratio Lower Upper

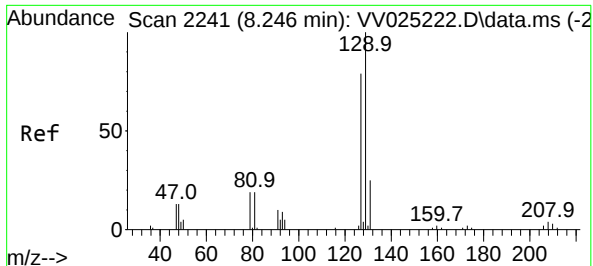
164 100

129 99.9 67.5 125.4

131 95.5 68.0 126.4

166 126.0 86.2 160.2





#49

Dibromochloromethane

Concen: 136.292 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.273 min

Lab File: VV025230.D

Acq: 27 Mar 2022 04:08

Instrument :

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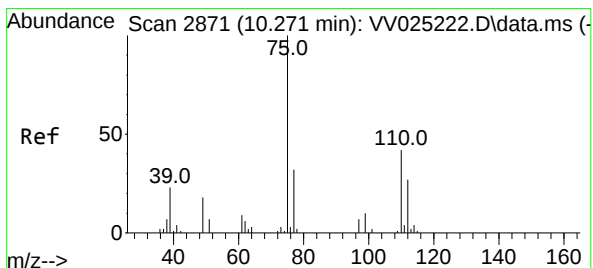
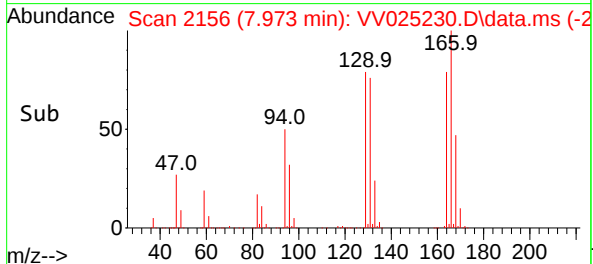
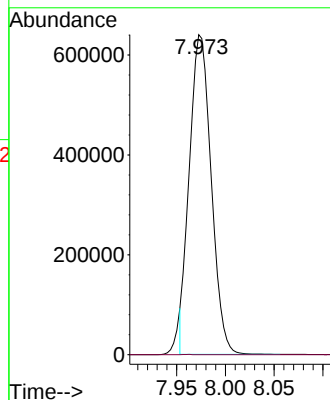
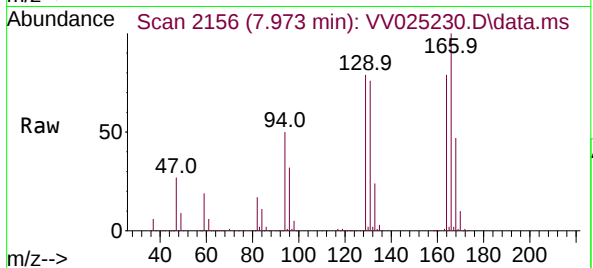
C0PB2

Tgt Ion:129 Resp: 994548

Ion Ratio Lower Upper

129 100

127 0.0 54.1 100.5#



#61

1,2,3-Trichloropropane

Concen: 1.743 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.978 min

Lab File: VV025230.D

Acq: 27 Mar 2022 04:08

Tgt Ion: 75 Resp: 8123

Ion Ratio Lower Upper

75 100

77 31.4 25.8 38.6

110 4.0 31.6 47.4#

