

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032622\
 Data File : VW025224.D
 Acq On : 27 Mar 2022 01:48
 Operator : SY/MD
 Sample : N2097-16
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AE6

Quant Time: Mar 28 03:47:00 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)

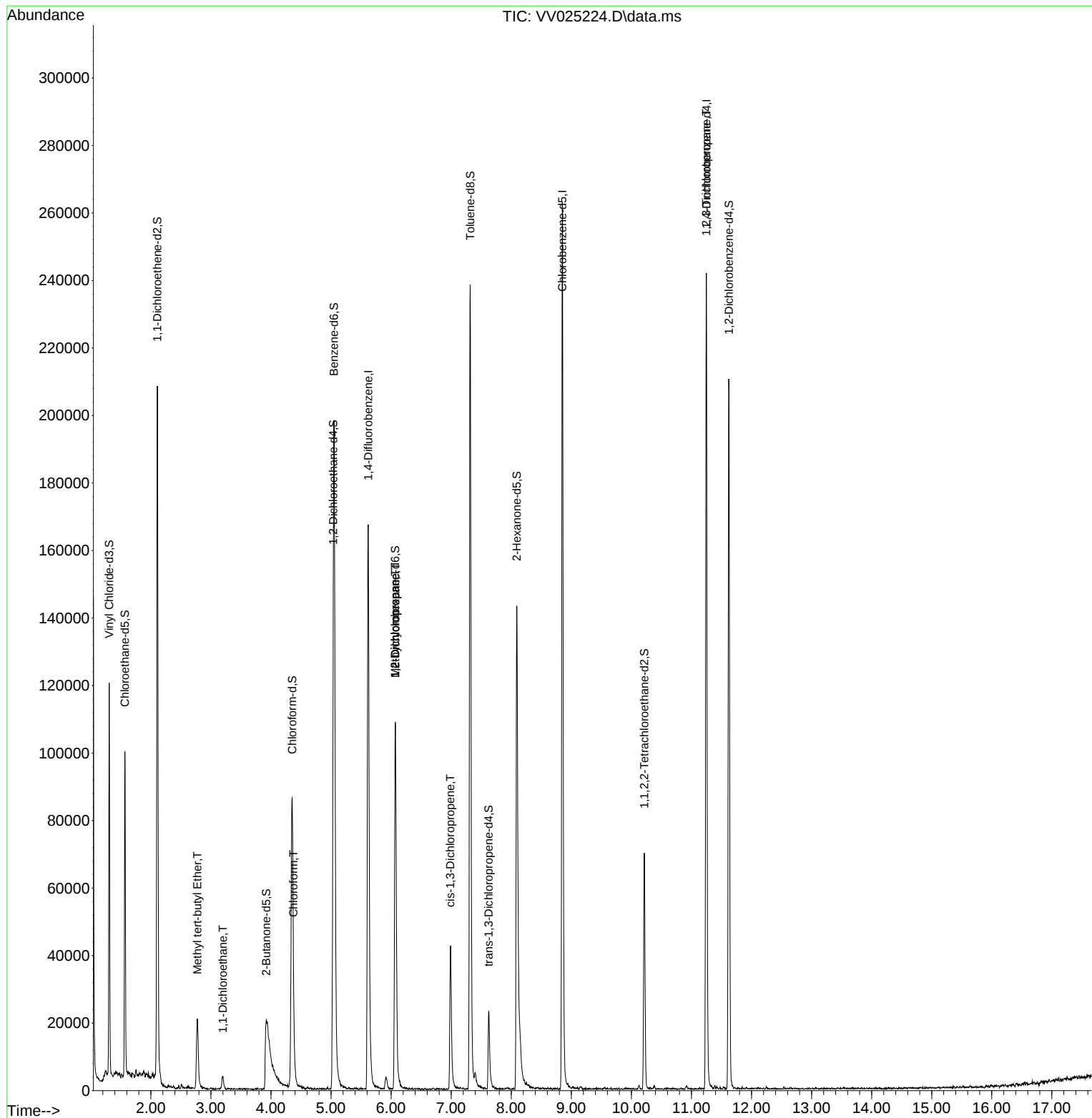
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	151513	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	148293	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	61544	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	69082	4.881	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	97.600%	
7) Chloroethane-d5	1.568	69	60207	5.069	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	101.400%	
11) 1,1-Dichloroethene-d2	2.108	63	109211	3.562	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	71.200%	
20) 2-Butanone-d5	3.921	46	18304	12.984	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	25.960%#	
24) Chloroform-d	4.352	84	91221	4.939	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.800%	
26) 1,2-Dichloroethane-d4	5.037	65	42075	5.154	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	103.000%	
32) Benzene-d6	5.050	84	185865	4.954	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.000%	
36) 1,2-Dichloropropane-d6	6.069	67	53862	5.123	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	102.400%	
41) Toluene-d8	7.317	98	161443	4.692	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.800%	
43) trans-1,3-Dichloroprop...	7.625	79	14952	4.359	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	87.200%	
46) 2-Hexanone-d5	8.092	63	58433	47.169	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	94.340%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	33005	4.708	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	94.200%	
66) 1,2-Dichlorobenzene-d4	11.622	152	53864	5.449	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	109.000%	
Target Compounds						
					Qvalue	
17) Methyl tert-butyl Ether	2.773	73	21709	1.125	ug/L	99
19) 1,1-Dichloroethane	3.198	63	4009	0.219	ug/L	94
25) Chloroform	4.375	83	3326	0.164	ug/L	91
35) Methylcyclohexane	6.069	83	13422	0.717	ug/L #	24
37) 1,2-Dichloropropane	6.069	63	5812	0.576	ug/L #	86
39) cis-1,3-Dichloropropene	6.986	75	1345	0.103	ug/L	92
61) 1,2,3-Trichloropropane	11.246	75	7749	1.664	ug/L #	65

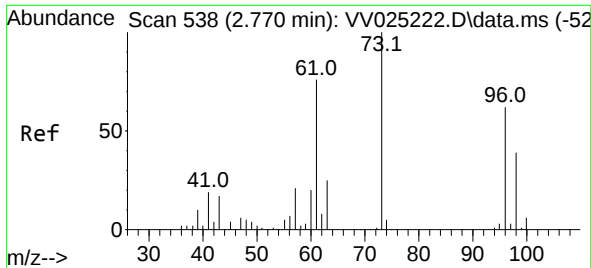
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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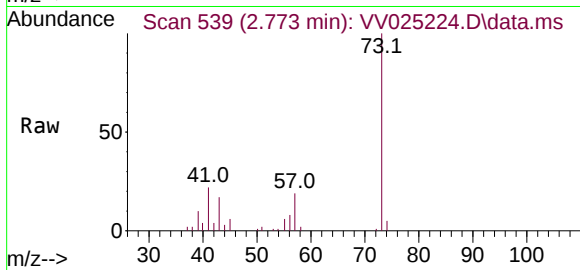
Quant Time: Mar 28 03:47:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
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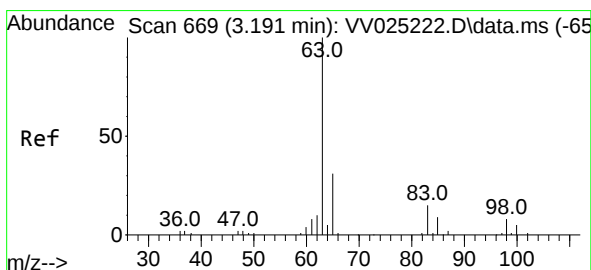
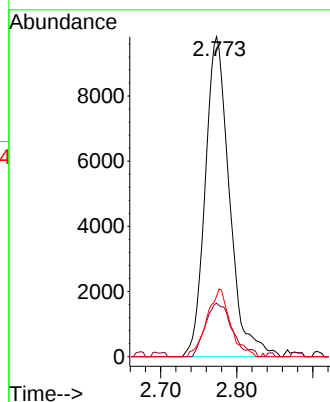


#17
Methyl tert-butyl Ether
Concen: 1.125 ug/L
RT: 2.773 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV025224.D
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Instrument :
MSVOA_V
ClientSampleId :
C0AE6

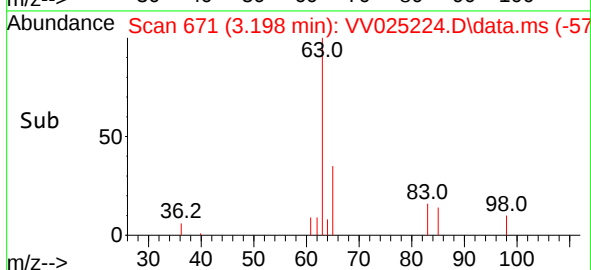
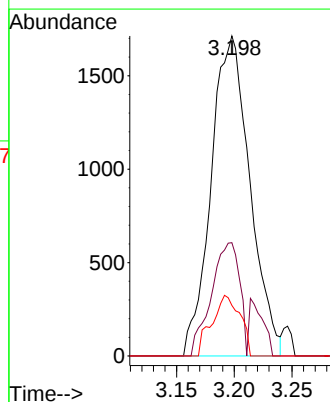
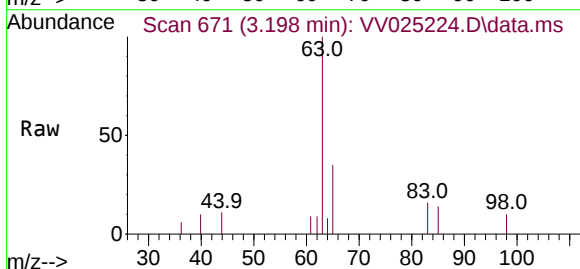


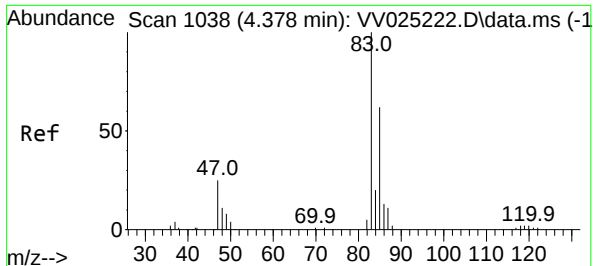
Tgt Ion: 73	Resp: 21709
Ion Ratio	Lower Upper
73 100	
43 17.7	13.5 20.3
57 20.5	16.4 24.6



#19
1,1-Dichloroethane
Concen: 0.219 ug/L
RT: 3.198 min Scan# 671
Delta R.T. 0.007 min
Lab File: VV025224.D
Acq: 27 Mar 2022 01:48

Tgt Ion: 63	Resp: 4009		
Ion Ratio	Lower	Upper	
63 100			
65 35.4	22.0	40.8	
83 15.8	10.2	19.0	





#25

Chloroform

Concen: 0.164 ug/L

RT: 4.375 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV025224.D

Acq: 27 Mar 2022 01:48

Instrument :

MSVOA_V

ClientSampleId :

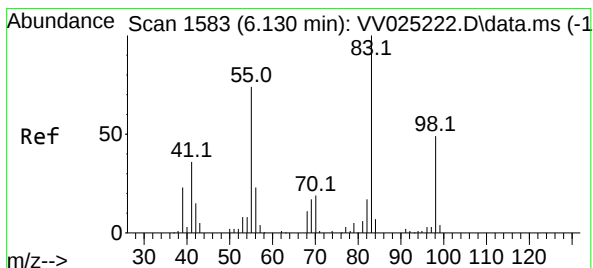
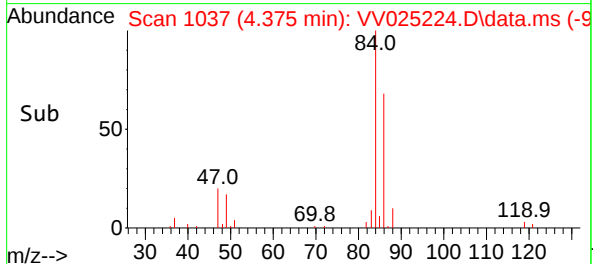
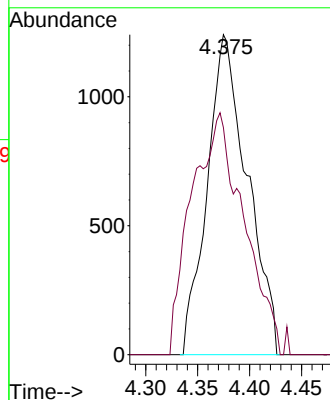
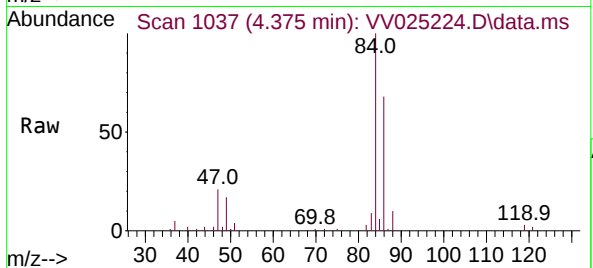
C0AE6

Tgt Ion: 83 Resp: 3326

Ion Ratio Lower Upper

83 100

85 71.0 44.7 82.9



#35

Methylcyclohexane

Concen: 0.717 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.061 min

Lab File: VV025224.D

Acq: 27 Mar 2022 01:48

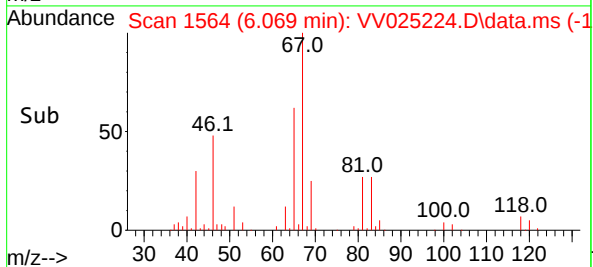
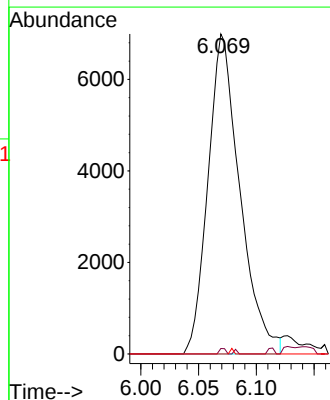
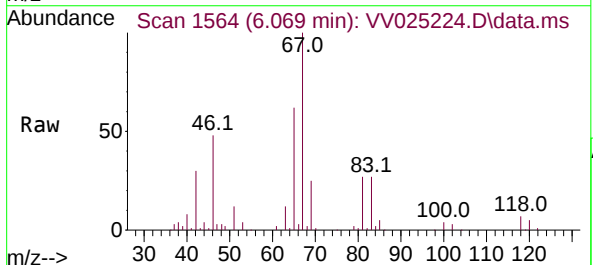
Tgt Ion: 83 Resp: 13422

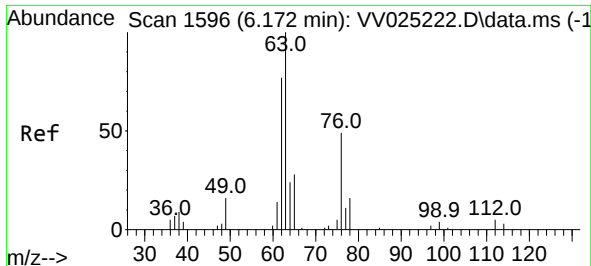
Ion Ratio Lower Upper

83 100

55 0.3 54.6 81.8#

98 5.1 39.8 59.6#





#37

1,2-Dichloropropane

Concen: 0.576 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV025224.D

Acq: 27 Mar 2022 01:48

Instrument :

MSVOA_V

ClientSampleId :

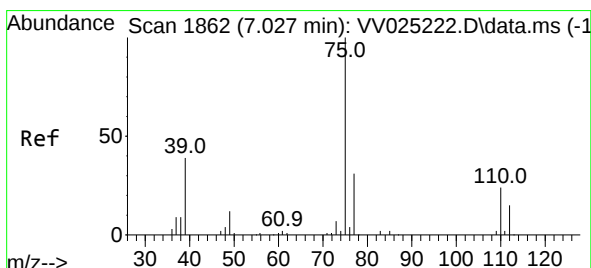
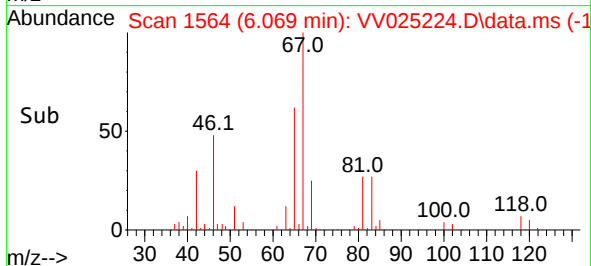
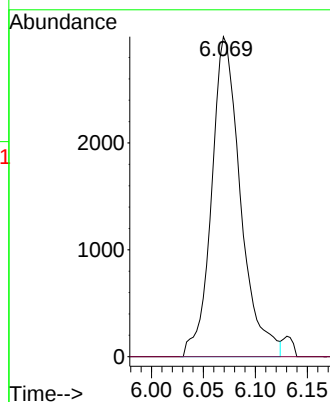
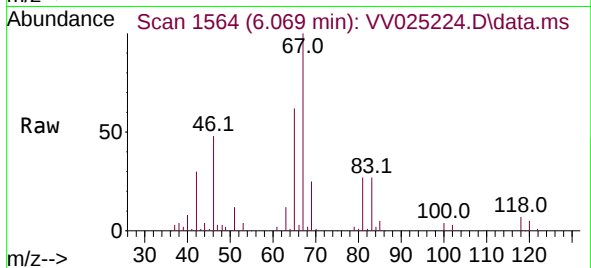
C0AE6

Tgt Ion: 63 Resp: 5812

Ion Ratio Lower Upper

63 100

112 0.4 4.2 6.2#



#39

cis-1,3-Dichloropropene

Concen: 0.103 ug/L

RT: 6.986 min Scan# 1849

Delta R.T. -0.042 min

Lab File: VV025224.D

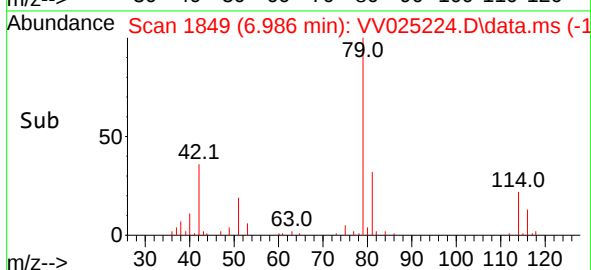
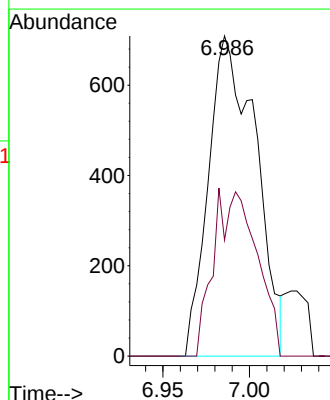
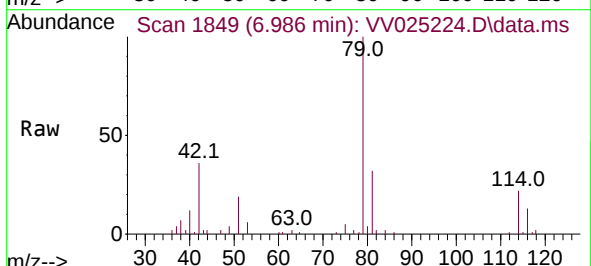
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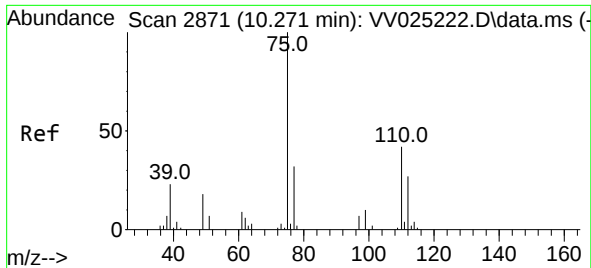
Tgt Ion: 75 Resp: 1345

Ion Ratio Lower Upper

75 100

77 36.2 22.1 41.1





#61
 1,2,3-Trichloropropane
 Concen: 1.664 ug/L
 RT: 11.246 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV025224.D
 Acq: 27 Mar 2022 01:48

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AE6

Tgt Ion: 75 Resp: 7749
 Ion Ratio Lower Upper
 75 100
 77 34.6 25.8 38.6
 110 2.6 31.6 47.4#

