

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042922\
 Data File : VW025752.D
 Acq On : 29 Apr 2022 17:43
 Operator : SY/MD
 Sample : N2612-13
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH0C3

Quant Time: May 02 01:27:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon May 02 01:22:31 2022
 Response via : Initial Calibration

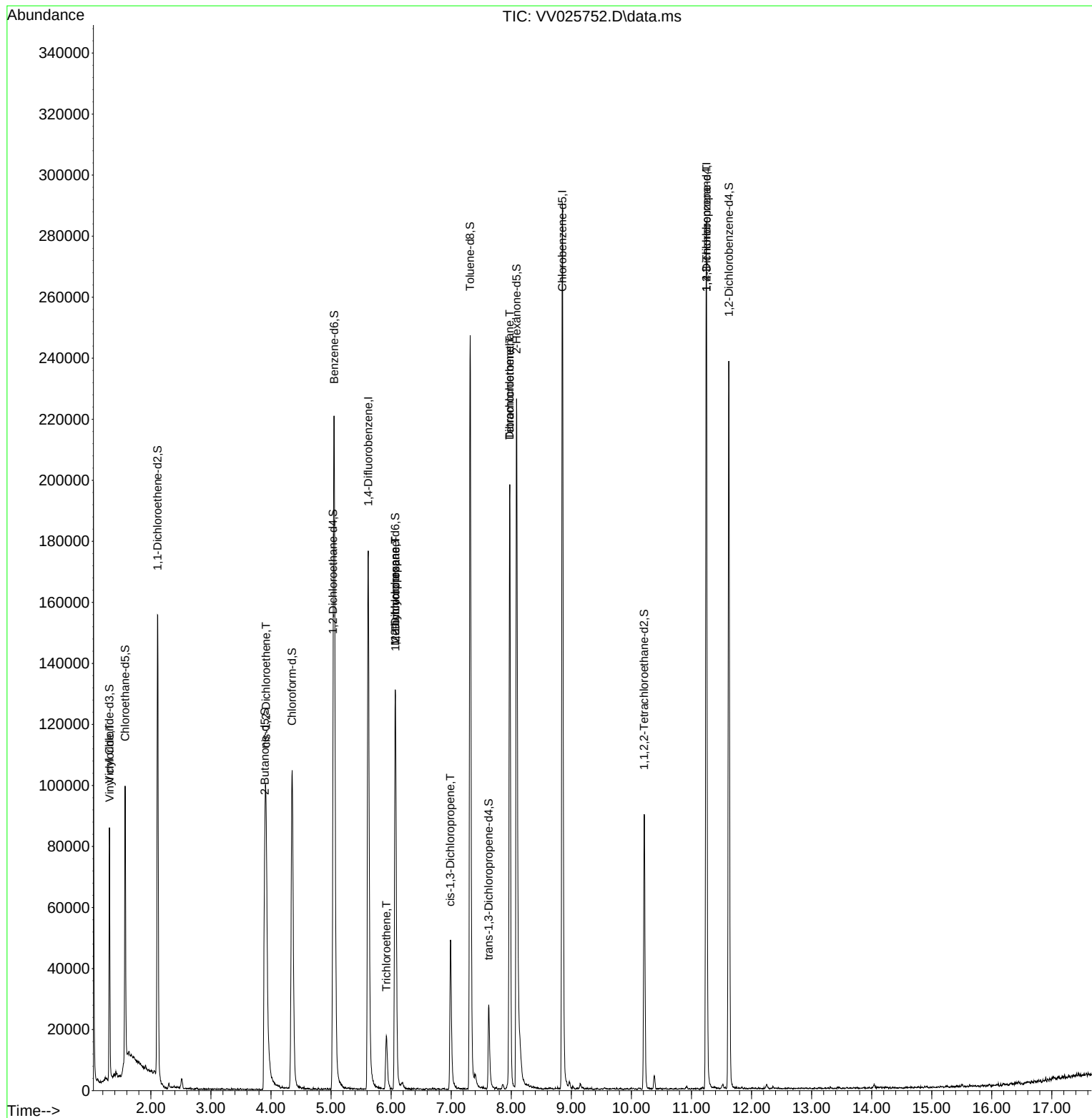
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	155371	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	160285	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	73741	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	50149	3.472	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	69.400%	
7) Chloroethane-d5	1.571	69	54546	3.549	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	71.000%	
11) 1,1-Dichloroethene-d2	2.111	63	82264	2.843	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	56.800%#	
20) 2-Butanone-d5	3.895	46	108948	62.005	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	124.000%	
24) Chloroform-d	4.352	84	110408	5.058	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.200%	
26) 1,2-Dichloroethane-d4	5.034	65	50351	5.354	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	107.000%	
32) Benzene-d6	5.053	84	200281	4.319	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.400%	
36) 1,2-Dichloropropane-d6	6.069	67	63950	4.944	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	98.800%	
41) Toluene-d8	7.316	98	163600	3.801	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	76.000%	
43) trans-1,3-Dichloroprop...	7.625	79	16191	3.724	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	74.400%	
46) 2-Hexanone-d5	8.088	63	76352	50.042	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	100.080%	
56) 1,1,2,2-Tetrachloroeth...	10.213	84	43031	5.266	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	105.400%	
66) 1,2-Dichlorobenzene-d4	11.622	152	59140	4.783	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	95.600%	
Target Compounds						
5) Vinyl chloride	1.314	62	1964	0.114	ug/L #	43
22) cis-1,2-Dichloroethene	3.915	96	32997	2.776	ug/L	91
34) Trichloroethene	5.921	95	5945	0.473	ug/L	95
35) Methylcyclohexane	6.069	83	15034	0.749	ug/L #	22
37) 1,2-Dichloropropane	6.072	63	7132	0.651	ug/L #	85
39) cis-1,3-Dichloropropene	6.985	75	1355	0.094	ug/L #	77
47) Tetrachloroethene	7.976	164	42837	4.352	ug/L	95
49) Dibromochloromethane	7.976	129	38724	4.809	ug/L #	11
61) 1,2,3-Trichloropropane	11.249	75	8987	1.850	ug/L #	63

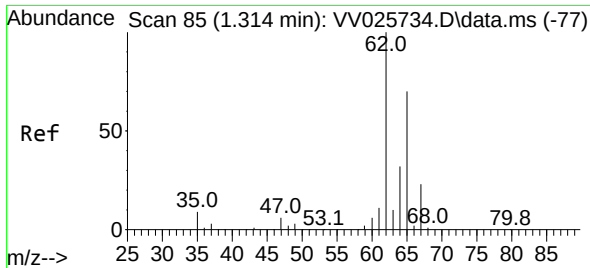
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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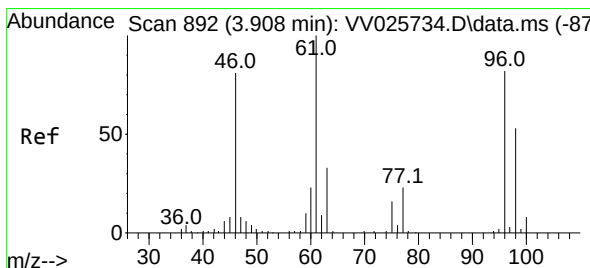
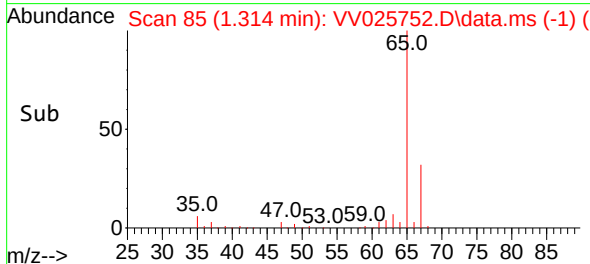
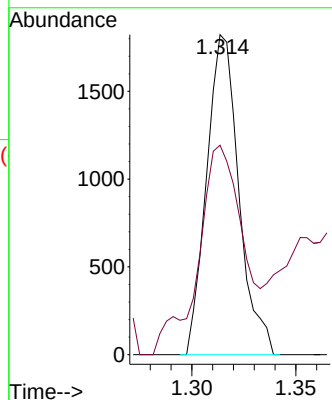
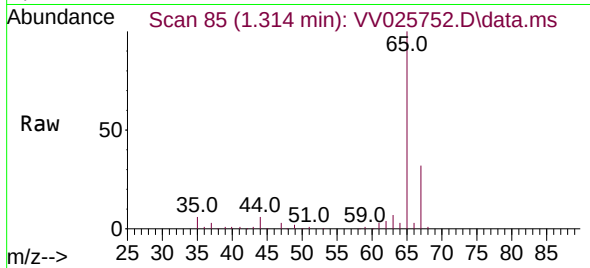




#5
 Vinyl chloride
 Concen: 0.114 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. -0.000 min
 Lab File: VV025752.D
 Acq: 29 Apr 2022 17:43

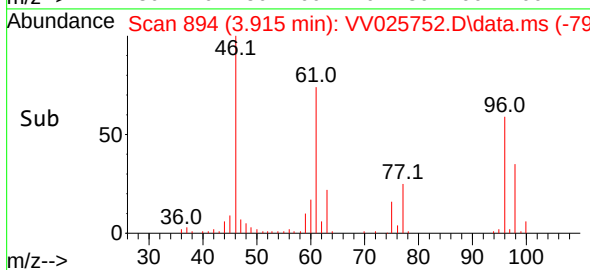
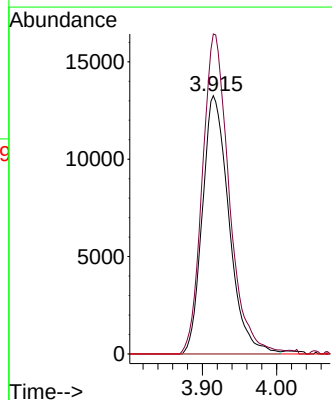
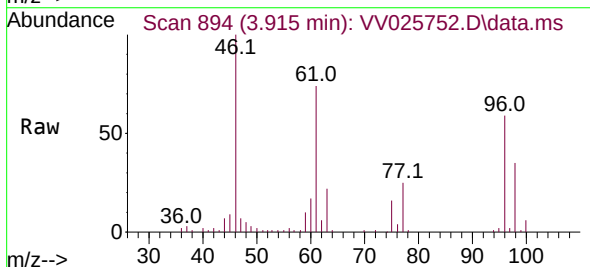
Instrument :
 MSVOA_V
 ClientSampleId :
 BH0C3

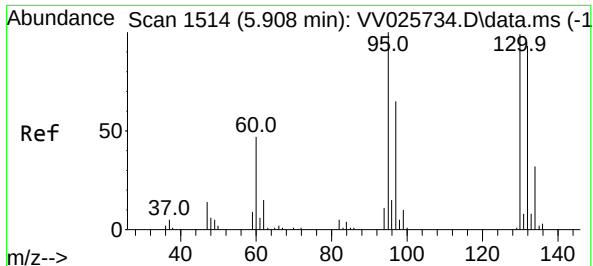
Tgt Ion: 62 Resp: 1964
 Ion Ratio Lower Upper
 62 100
 64 65.4 23.2 43.2#



#22
 cis-1,2-Dichloroethene
 Concen: 2.776 ug/L
 RT: 3.915 min Scan# 894
 Delta R.T. 0.006 min
 Lab File: VV025752.D
 Acq: 29 Apr 2022 17:43

Tgt Ion: 96 Resp: 32997
 Ion Ratio Lower Upper
 96 100
 61 123.9 80.0 148.6
 68 0.0 0.0 0.0



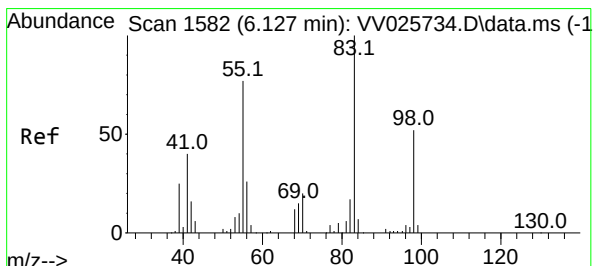
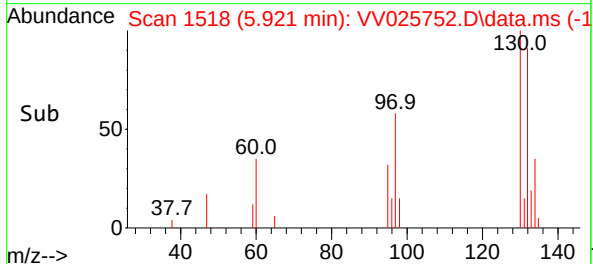
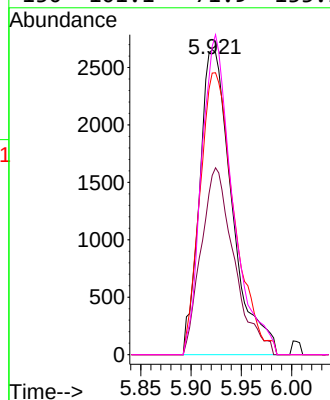
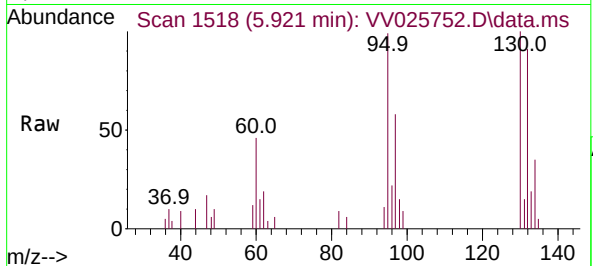


#34
Trichloroethene
Concen: 0.473 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.013 min
Lab File: VV025752.D
Acq: 29 Apr 2022 17:43

Instrument :
MSVOA_V
ClientSampleId :
BH0C3

Tgt Ion: 95 Resp: 5945

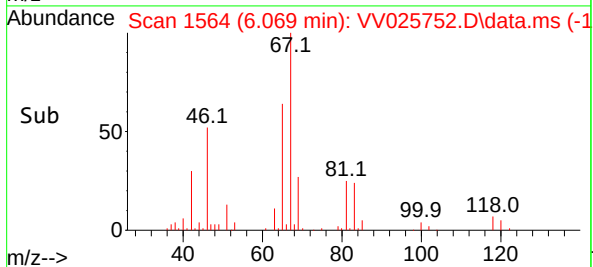
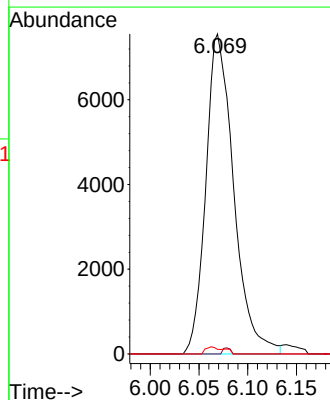
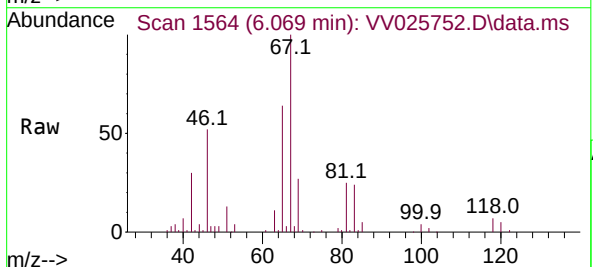
Ion	Ratio	Lower	Upper
95	100		
97	58.7	45.8	85.2
132	92.3	68.0	126.4
130	101.1	71.9	133.5

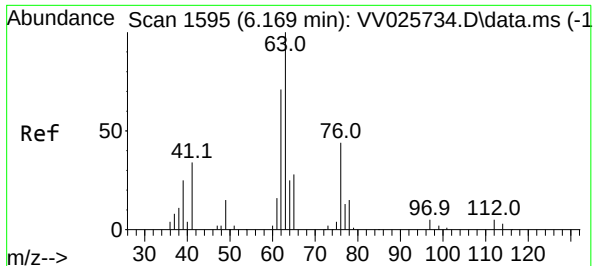


#35
Methylcyclohexane
Concen: 0.749 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV025752.D
Acq: 29 Apr 2022 17:43

Tgt Ion: 83 Resp: 15034

Ion	Ratio	Lower	Upper
83	100		
55	0.5	53.7	80.5#
98	1.0	39.6	59.4#





#37

1,2-Dichloropropane

Concen: 0.651 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.097 min

Lab File: VV025752.D

Acq: 29 Apr 2022 17:43

Instrument :

MSVOA_V

ClientSampleId :

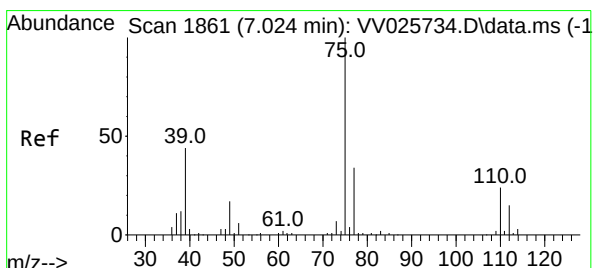
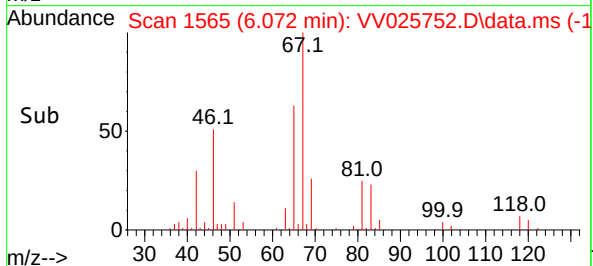
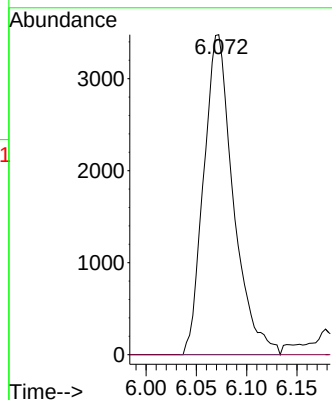
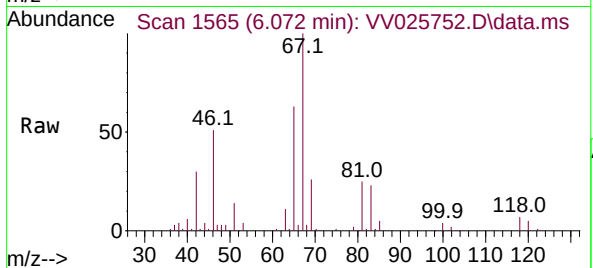
BH0C3

Tgt Ion: 63 Resp: 7132

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#



#39

cis-1,3-Dichloropropene

Concen: 0.094 ug/L

RT: 6.985 min Scan# 1849

Delta R.T. -0.039 min

Lab File: VV025752.D

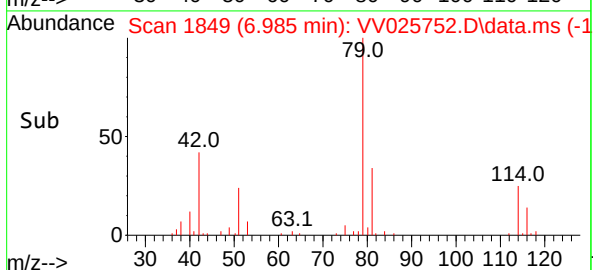
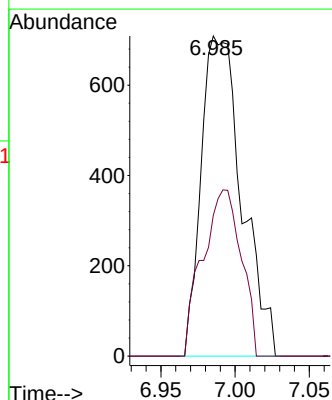
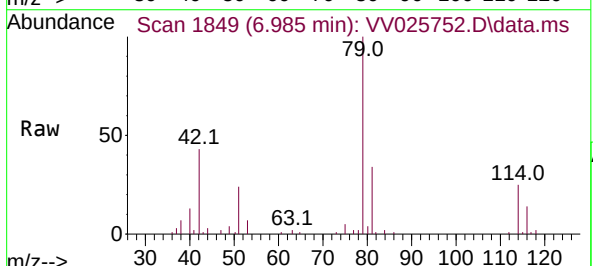
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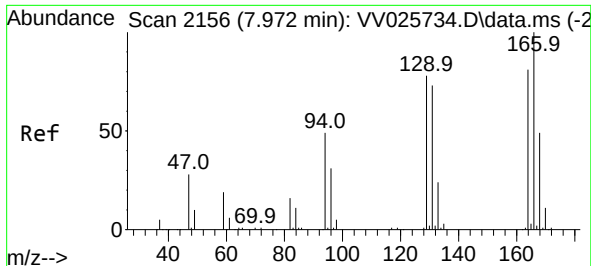
Tgt Ion: 75 Resp: 1355

Ion Ratio Lower Upper

75 100

77 44.0 21.8 40.6#



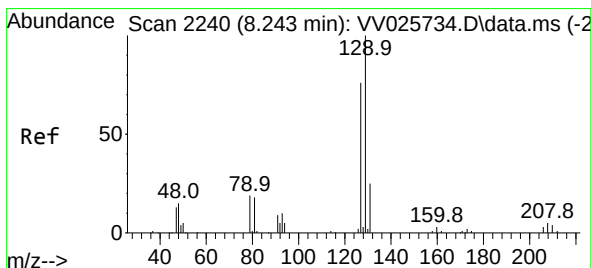
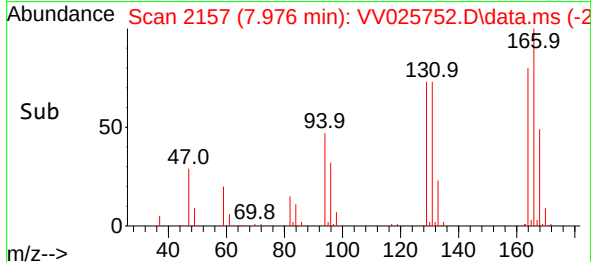
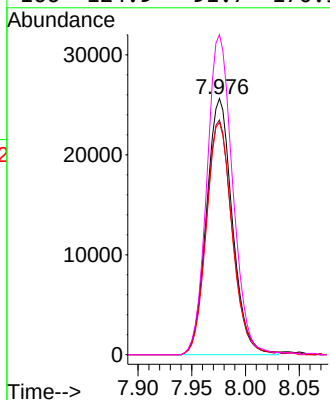
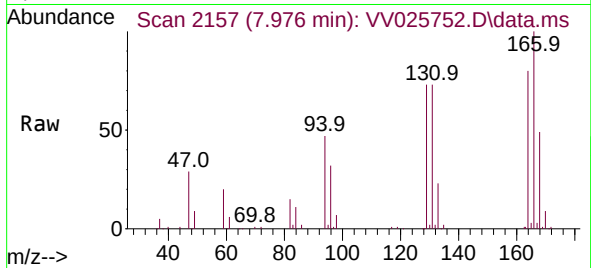


#47
Tetrachloroethene
Concen: 4.352 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV025752.D
Acq: 29 Apr 2022 17:43

Instrument :
MSVOA_V
ClientSampleId :
BH0C3

Tgt Ion:164 Resp: 42837

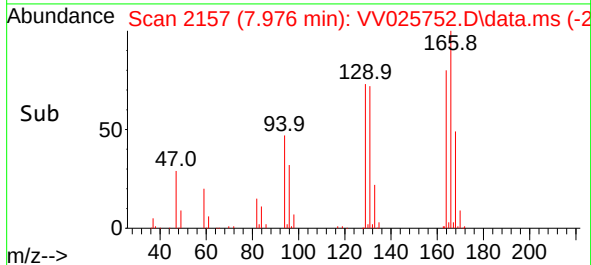
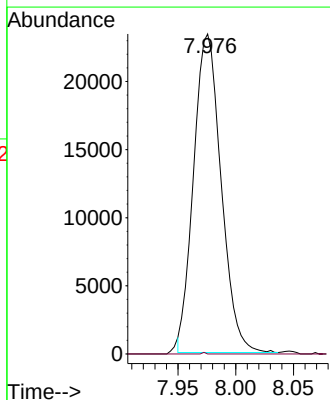
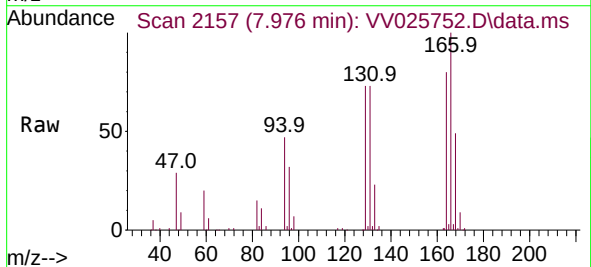
Ion	Ratio	Lower	Upper
164	100		
129	91.6	66.8	124.2
131	90.6	66.4	123.4
166	124.9	91.7	170.3

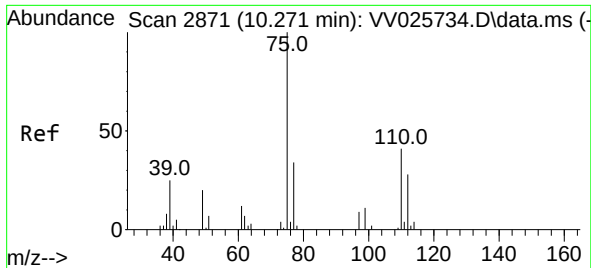


#49
Dibromochloromethane
Concen: 4.809 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.267 min
Lab File: VV025752.D
Acq: 29 Apr 2022 17:43

Tgt Ion:129 Resp: 38724

Ion	Ratio	Lower	Upper
129	100		
127	0.5	53.8	100.0#





#61

1,2,3-Trichloropropane

Concen: 1.850 ug/L

RT: 11.249 min Scan# 31

Delta R.T. 0.977 min

Lab File: VV025752.D

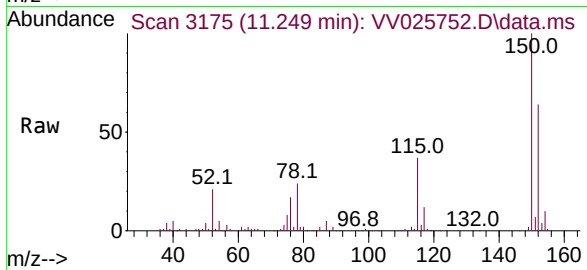
Acq: 29 Apr 2022 17:43

Instrument :

MSVOA_V

ClientSampleId :

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Tgt Ion: 75	Resp:	8987
Ion Ratio	Lower	Upper
75	100	
77	32.4	25.6 38.4
110	2.6	34.7 52.1#

