

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071222\
 Data File : VW026736.D
 Acq On : 12 Jul 2022 19:27
 Operator : SY/MD
 Sample : N3601-15
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBUA6

Quant Time: Jul 13 03:04:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 13 02:57:58 2022
 Response via : Initial Calibration

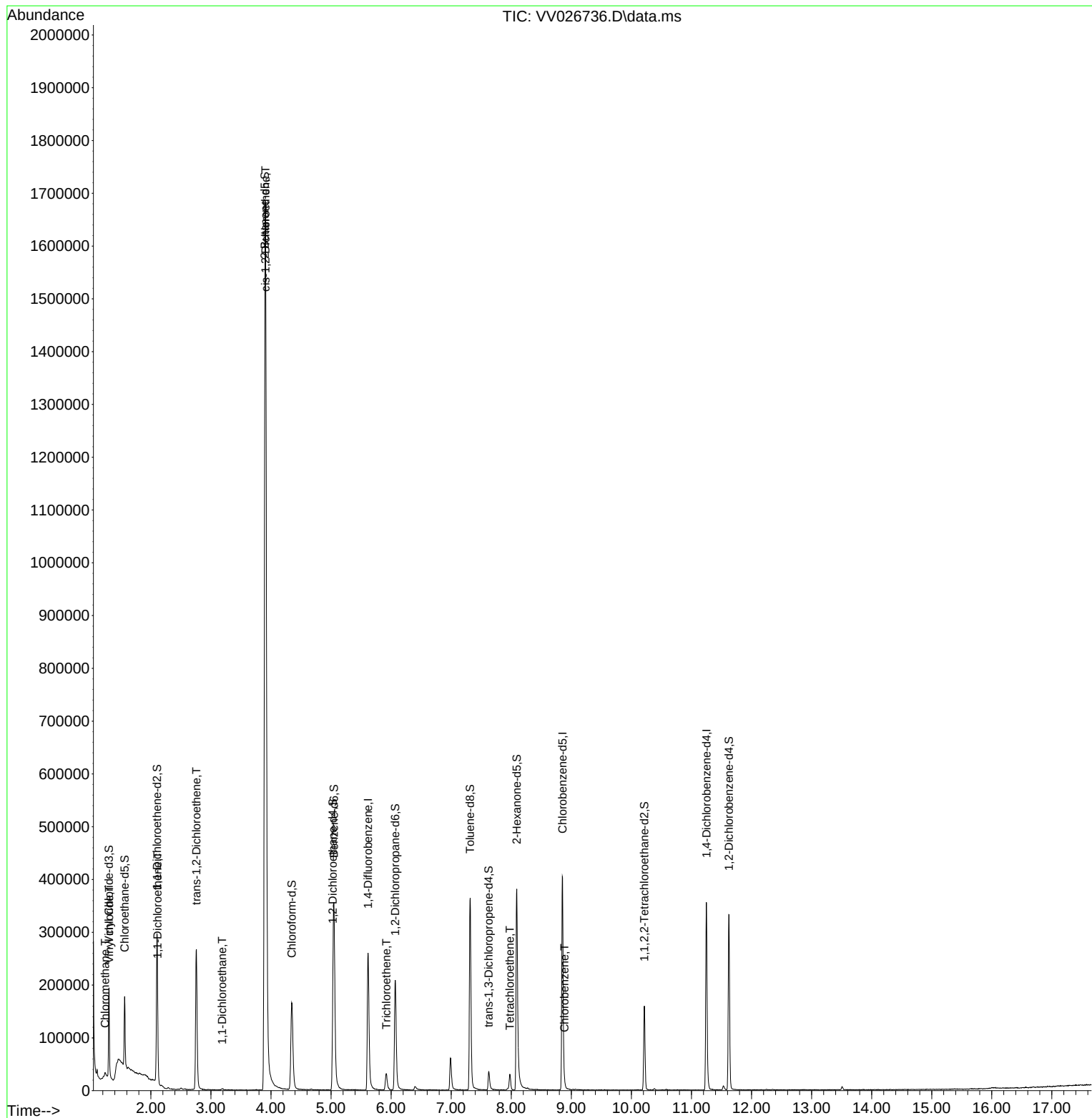
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	228073	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	227080	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	91932	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	96579	4.642	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	92.800%	
7) Chloroethane-d5	1.564	69	86398	4.806	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	96.200%	
11) 1,1-Dichloroethene-d2	2.101	63	144703	3.623	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	72.400%	
20) 2-Butanone-d5	3.899	46	199467	61.424	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	122.840%	
24) Chloroform-d	4.346	84	178555	4.908	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.200%	
26) 1,2-Dichloroethane-d4	5.031	65	82091	5.165	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	103.200%	
32) Benzene-d6	5.047	84	330665	4.792	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.800%	
36) 1,2-Dichloropropane-d6	6.069	67	105603	5.104	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	102.000%	
41) Toluene-d8	7.317	98	251196	4.101	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	82.000%	
43) trans-1,3-Dichloroprop...	7.625	79	22716	3.356	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	67.200%	
46) 2-Hexanone-d5	8.092	63	138139	47.137	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	94.280%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	78408	4.865	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	97.200%	
66) 1,2-Dichlorobenzene-d4	11.625	152	85435	5.334	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	106.600%	
Target Compounds						
3) Chloromethane	1.240	50	6075	0.218	ug/L	93
5) Vinyl chloride	1.307	62	18446	0.651	ug/L #	82
12) 1,1-Dichloroethene	2.114	96	10369	0.519	ug/L #	1
18) trans-1,2-Dichloroethene	2.757	96	101761	5.536	ug/L	98
19) 1,1-Dichloroethane	3.185	63	2617	0.078	ug/L	89
22) cis-1,2-Dichloroethene	3.908	96	922580	49.767	ug/L	96
34) Trichloroethene	5.921	95	11530	0.618	ug/L	96
47) Tetrachloroethene	7.979	164	7165	0.490	ug/L	86
51) Chlorobenzene	8.886	112	4434	0.091	ug/L	95

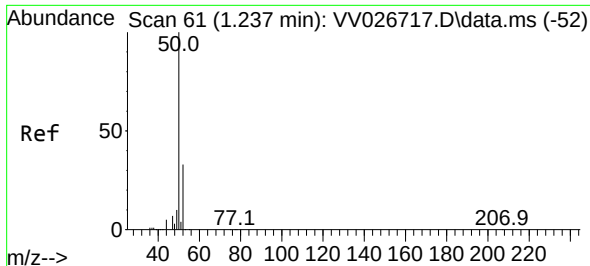
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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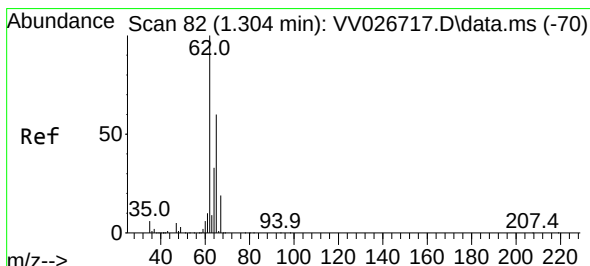
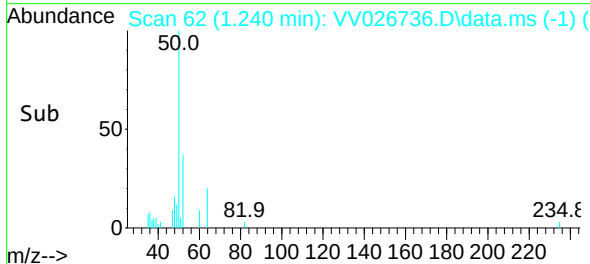
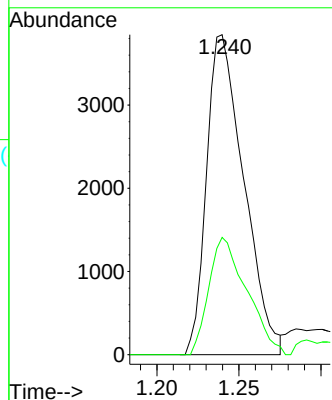
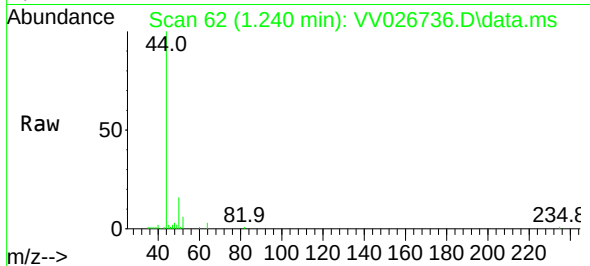




#3
Chloromethane
Concen: 0.218 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV026736.D
Acq: 12 Jul 2022 19:27

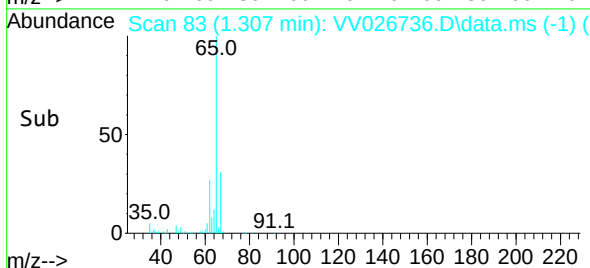
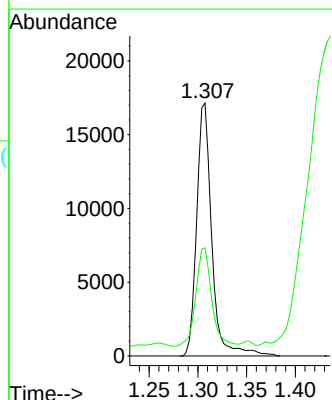
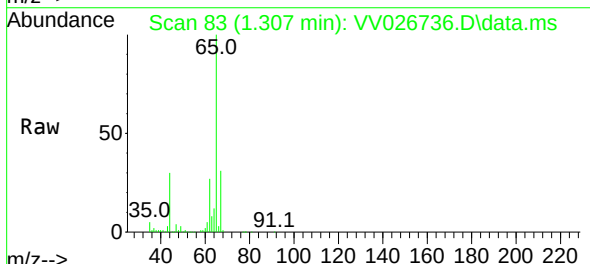
Instrument :
MSVOA_V
ClientSampleId :
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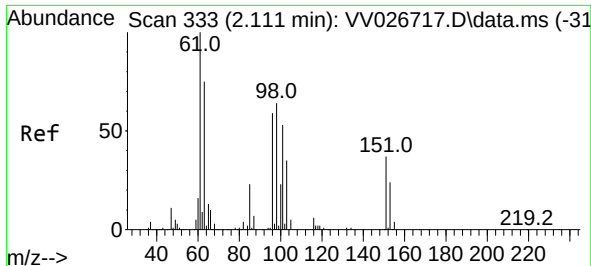
Tgt Ion: 50 Resp: 6075
Ion Ratio Lower Upper
50 100
52 36.6 22.8 42.4



#5
Vinyl chloride
Concen: 0.651 ug/L
RT: 1.307 min Scan# 83
Delta R.T. 0.003 min
Lab File: VV026736.D
Acq: 12 Jul 2022 19:27

Tgt Ion: 62 Resp: 18446
Ion Ratio Lower Upper
62 100
64 42.8 22.9 42.5#

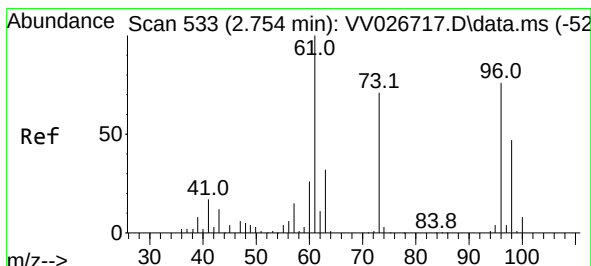
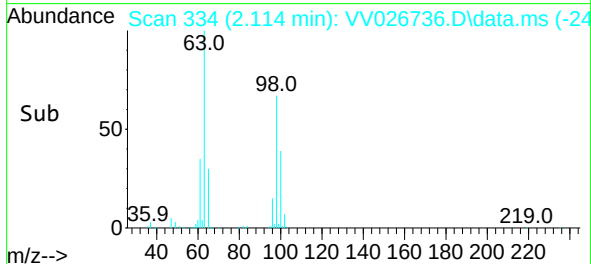
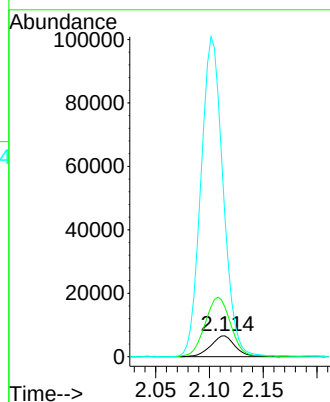
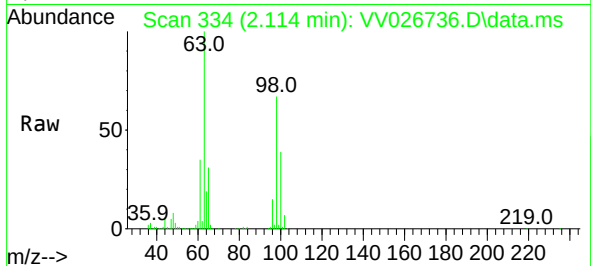




#12
1,1-Dichloroethene
Concen: 0.519 ug/L
RT: 2.114 min Scan# 311
Delta R.T. 0.003 min
Lab File: VV026736.D
Acq: 12 Jul 2022 19:27

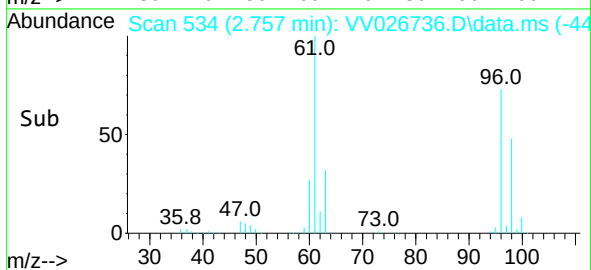
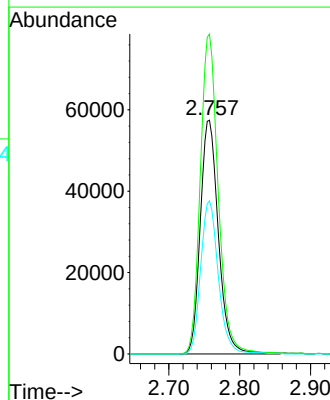
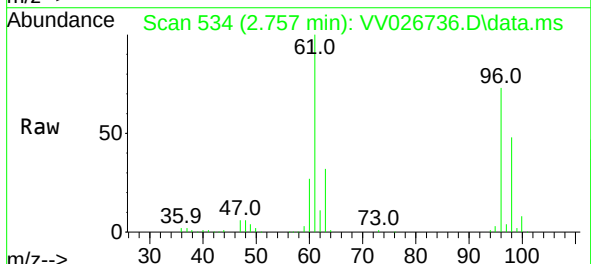
Instrument :
MSVOA_V
ClientSampleId :
DBUA6

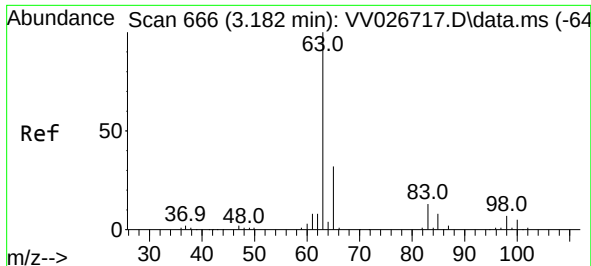
Tgt Ion: 96 Resp: 10369
Ion Ratio Lower Upper
96 100
61 239.3 118.3 219.7#
63 678.8 79.9 148.3#



#18
trans-1,2-Dichloroethene
Concen: 5.536 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.003 min
Lab File: VV026736.D
Acq: 12 Jul 2022 19:27

Tgt Ion: 96 Resp: 101761
Ion Ratio Lower Upper
96 100
61 136.9 94.7 175.9
98 65.5 47.4 88.0





#19

1,1-Dichloroethane

Concen: 0.078 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV026736.D

Acq: 12 Jul 2022 19:27

Instrument :

MSVOA_V

ClientSampleId :

DBUA6

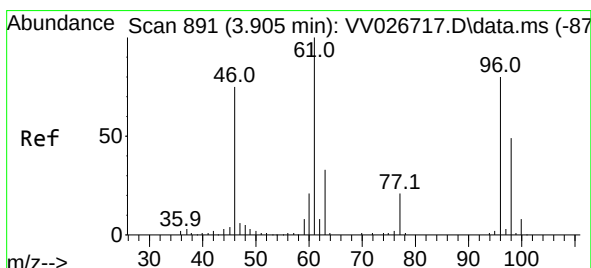
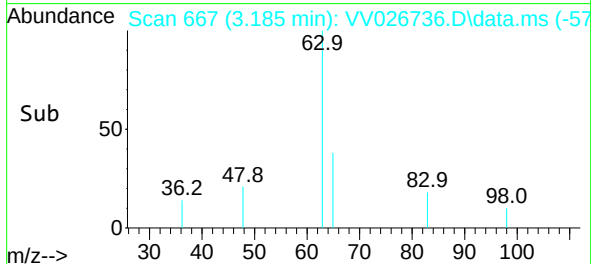
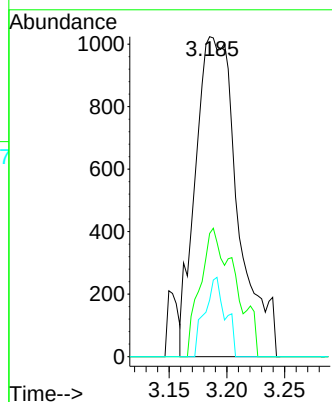
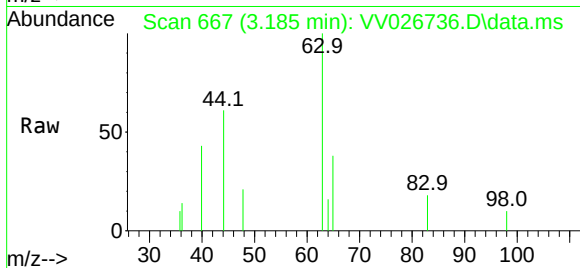
Tgt Ion: 63 Resp: 2617

Ion Ratio Lower Upper

63 100

65 38.5 22.3 41.3

83 17.7 9.9 18.5



#22

cis-1,2-Dichloroethene

Concen: 49.767 ug/L

RT: 3.908 min Scan# 892

Delta R.T. 0.003 min

Lab File: VV026736.D

Acq: 12 Jul 2022 19:27

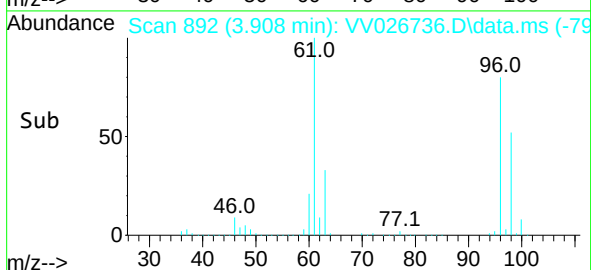
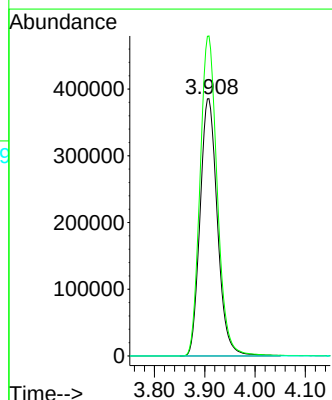
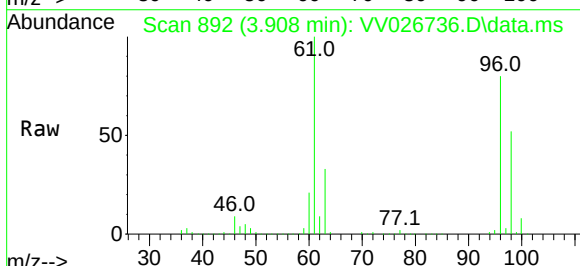
Tgt Ion: 96 Resp: 922580

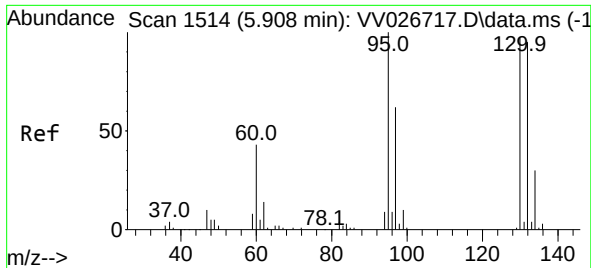
Ion Ratio Lower Upper

96 100

61 124.4 83.9 155.9

68 0.0 0.0 0.0



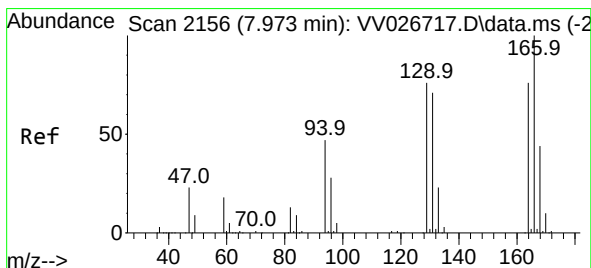
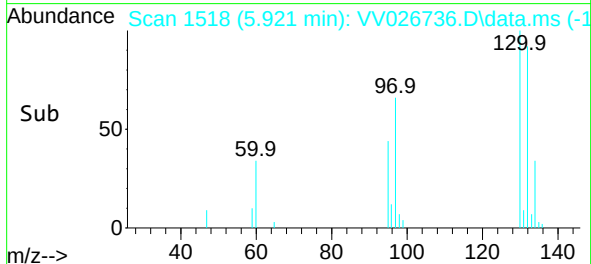
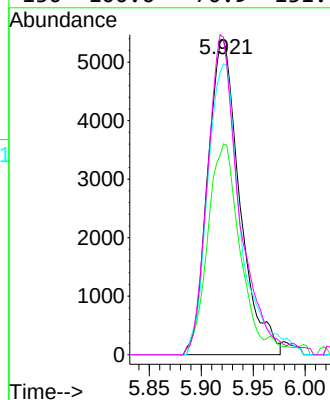
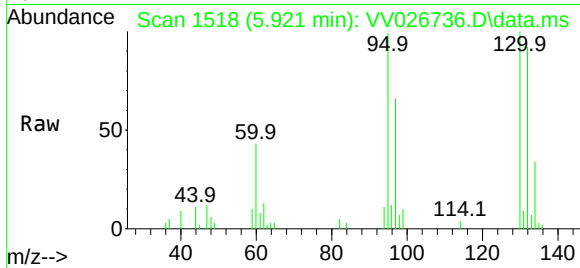


#34
 Trichloroethene
 Concen: 0.618 ug/L
 RT: 5.921 min Scan# 11
 Delta R.T. 0.013 min
 Lab File: VV026736.D
 Acq: 12 Jul 2022 19:27

Instrument :
 MSVOA_V
 ClientSampleId :
 DBUA6

Tgt Ion: 95 Resp: 11530

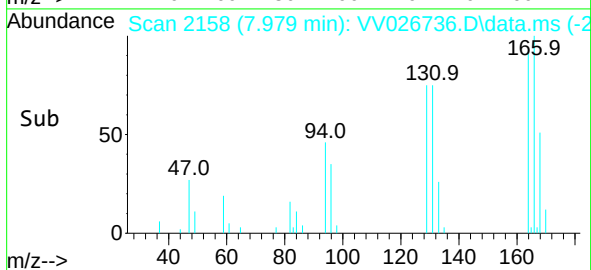
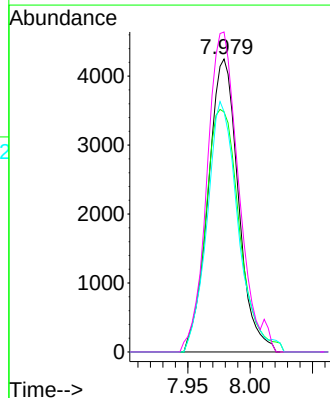
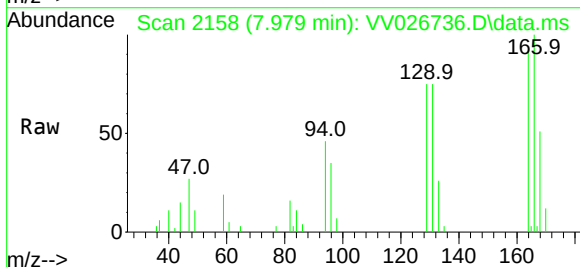
Ion	Ratio	Lower	Upper
95	100		
97	66.8	44.6	82.8
132	92.2	70.2	130.4
130	100.6	70.9	131.7

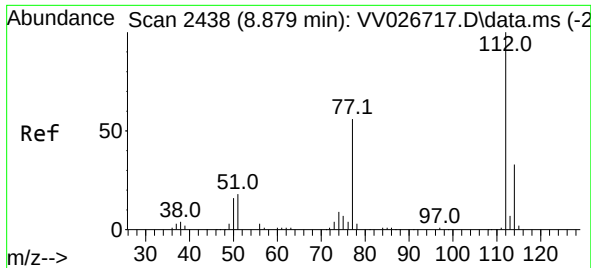


#47
 Tetrachloroethene
 Concen: 0.490 ug/L
 RT: 7.979 min Scan# 2158
 Delta R.T. 0.006 min
 Lab File: VV026736.D
 Acq: 12 Jul 2022 19:27

Tgt Ion: 164 Resp: 7165

Ion	Ratio	Lower	Upper
164	100		
129	81.9	67.8	125.8
131	82.0	65.9	122.5
166	109.2	88.8	164.8





#51
 Chlorobenzene
 Concen: 0.091 ug/L
 RT: 8.886 min Scan# 24
 Delta R.T. 0.006 min
 Lab File: VV026736.D
 Acq: 12 Jul 2022 19:27

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 ClientSampleId :
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Tgt Ion:112	Resp:	4434
Ion	Ratio	Lower Upper
112	100	
114	29.7	22.7 42.1
77	54.4	46.6 70.0

