

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032322\
 Data File : VW025139.D
 Acq On : 23 Mar 2022 18:16
 Operator : SY/MD
 Sample : N2083-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW5Z9

Quant Time: Mar 24 01:18:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 24 01:12:55 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

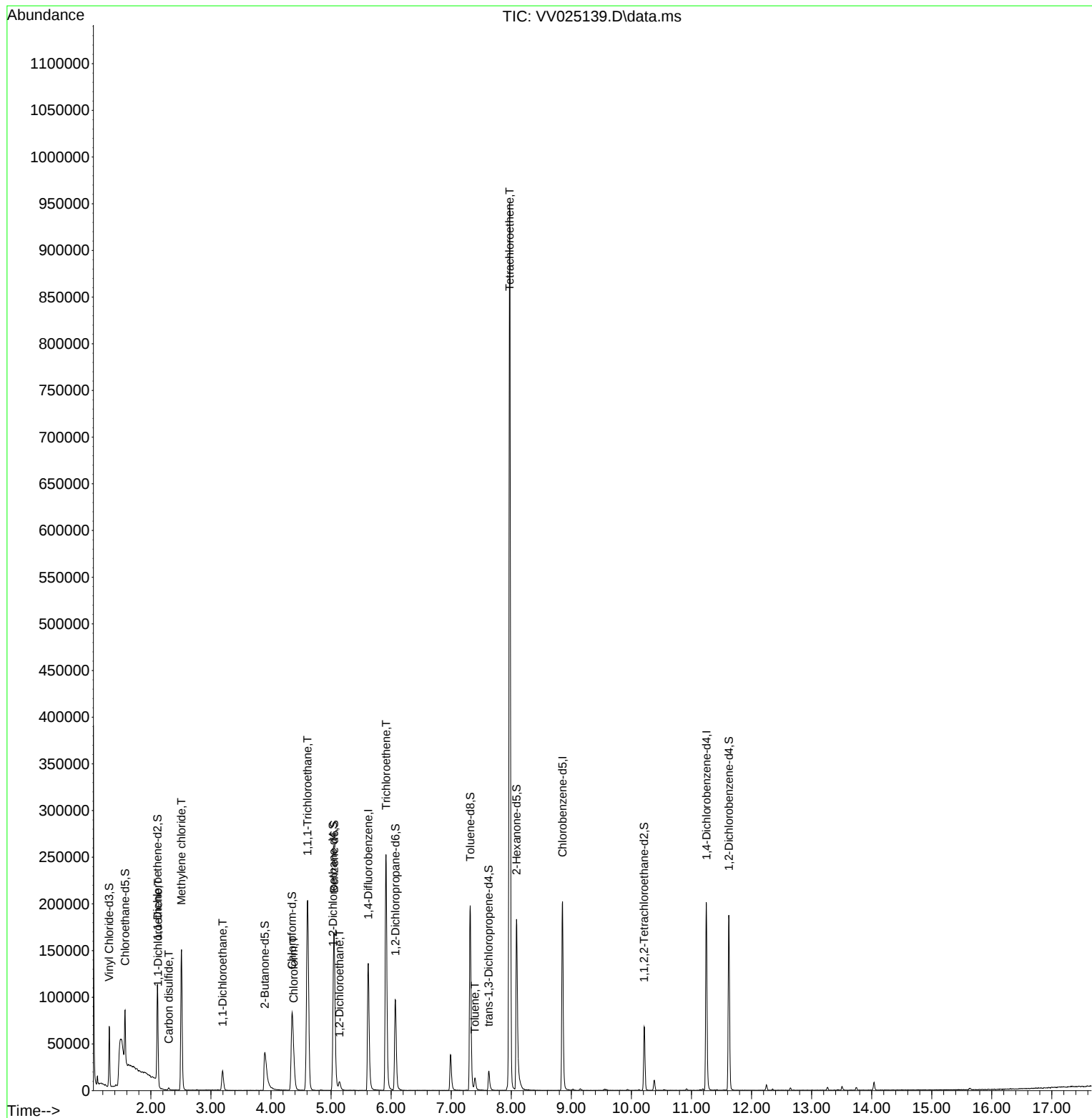
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	124470	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	118978	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	52746	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	38644	3.933	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	78.600%	
7) Chloroethane-d5	1.571	69	34991	4.863	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	97.200%	
11) 1,1-Dichloroethene-d2	2.111	63	52469	3.304	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	66.000%	
20) 2-Butanone-d5	3.896	46	86698	73.003	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	146.000%#	
24) Chloroform-d	4.349	84	84826	5.205	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	104.000%	
26) 1,2-Dichloroethane-d4	5.034	65	36109	5.299	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	106.000%	
32) Benzene-d6	5.053	84	164943	4.779	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.600%	
36) 1,2-Dichloropropane-d6	6.072	67	51243	5.163	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	103.200%	
41) Toluene-d8	7.317	98	137982	4.387	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.800%	
43) trans-1,3-Dichloroprop...	7.625	79	14191	4.102	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	82.000%	
46) 2-Hexanone-d5	8.088	63	72232	61.206	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	122.420%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	34880	5.974	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	119.400%	
66) 1,2-Dichlorobenzene-d4	11.622	152	47846	5.358	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	107.200%	
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.121	96	2132	0.269	ug/L #	1
14) Carbon disulfide	2.298	76	3181	0.112	ug/L	98
16) Methylene chloride	2.510	84	66869	6.960	ug/L	100
19) 1,1-Dichloroethane	3.195	63	21988	1.354	ug/L	93
25) Chloroform	4.378	83	25389	1.501	ug/L	97
27) 1,2-Dichloroethane	5.140	62	8538	1.015	ug/L	98
29) 1,1,1-Trichloroethane	4.609	97	170025	11.206	ug/L	99
34) Trichloroethene	5.915	95	94074	9.130	ug/L	99
42) Toluene	7.394	91	11128	0.275	ug/L	96
47) Tetrachloroethene	7.973	164	206341	28.465	ug/L	98

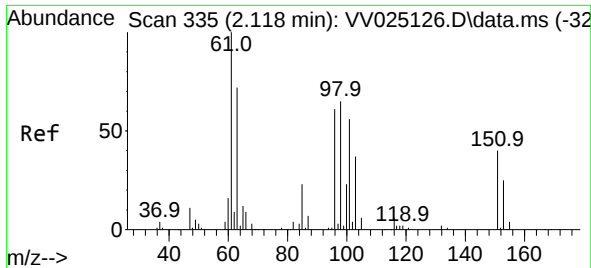
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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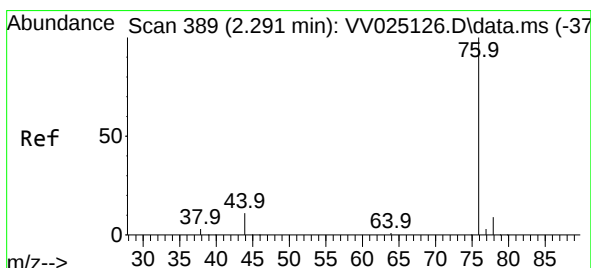
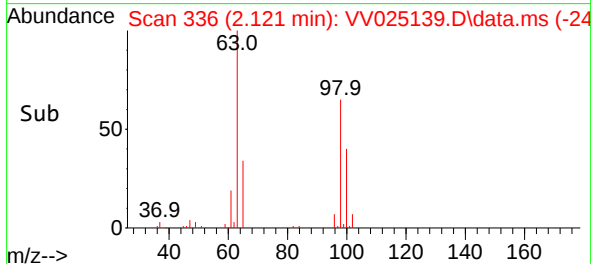
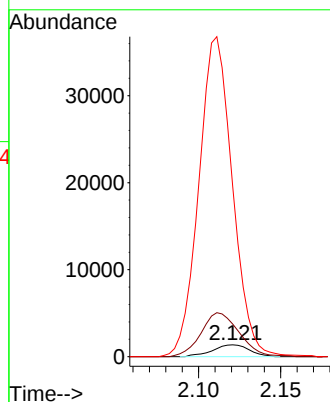
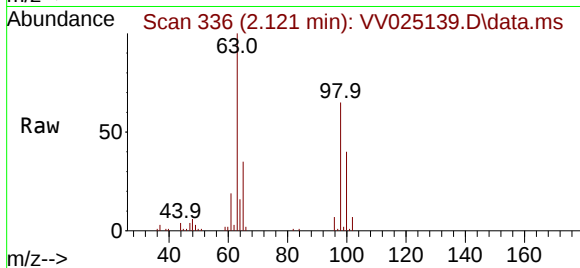




#12
1,1-Dichloroethene
Concen: 0.269 ug/L
RT: 2.121 min Scan# 311
Delta R.T. 0.003 min
Lab File: VV025139.D
Acq: 23 Mar 2022 18:16

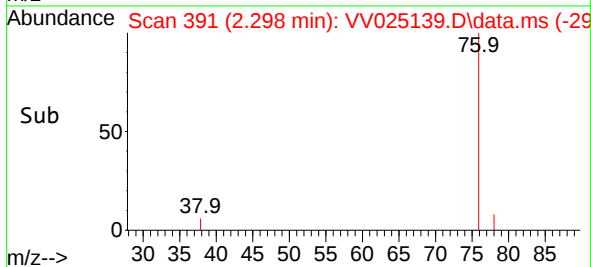
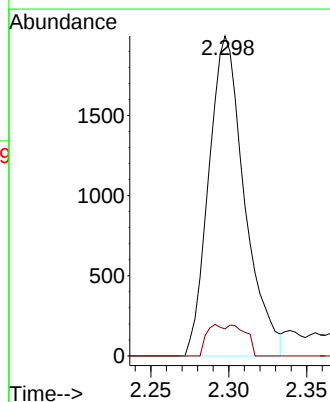
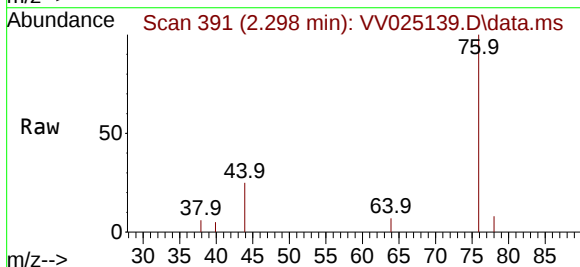
Instrument :
MSVOA_V
ClientSampleId :
EW5Z9

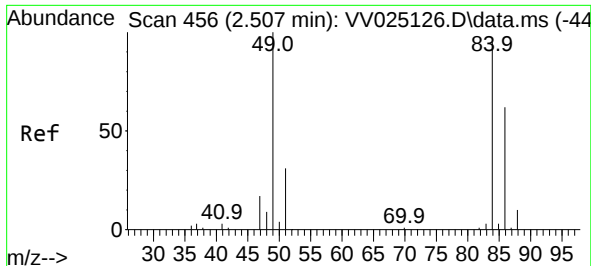
Tgt Ion: 96 Resp: 2132
Ion Ratio Lower Upper
96 100
61 276.4 113.0 209.9#
63 1443.3 82.1 152.5#



#14
Carbon disulfide
Concen: 0.112 ug/L
RT: 2.298 min Scan# 391
Delta R.T. 0.006 min
Lab File: VV025139.D
Acq: 23 Mar 2022 18:16

Tgt Ion: 76 Resp: 3181
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.0

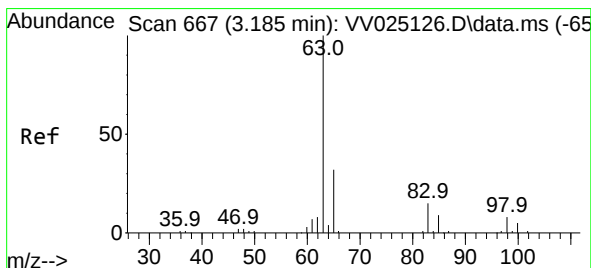
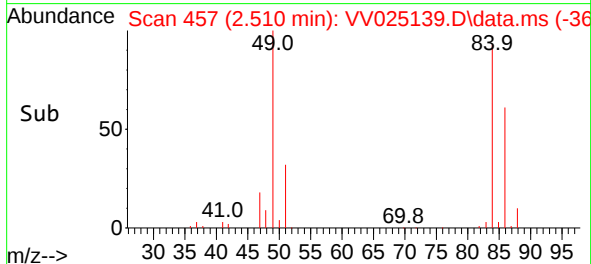
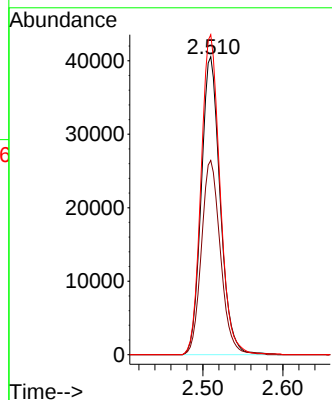
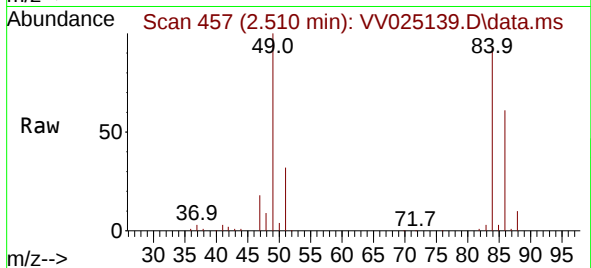




#16
Methylene chloride
Concen: 6.960 ug/L
RT: 2.510 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV025139.D
Acq: 23 Mar 2022 18:16

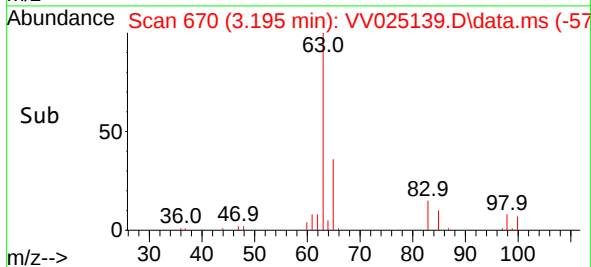
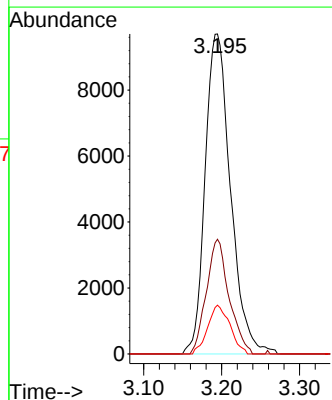
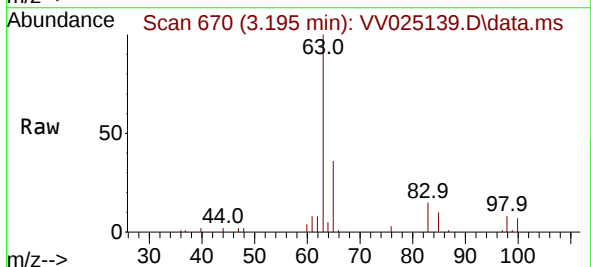
Instrument :
MSVOA_V
ClientSampleId :
EW5Z9

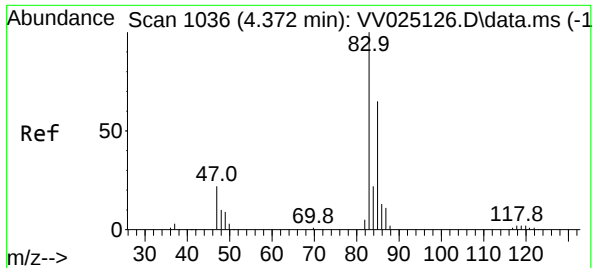
Tgt Ion: 84 Resp: 66869
Ion Ratio Lower Upper
84 100
86 65.2 45.5 84.5
49 107.4 75.0 139.2



#19
1,1-Dichloroethane
Concen: 1.354 ug/L
RT: 3.195 min Scan# 670
Delta R.T. 0.010 min
Lab File: VV025139.D
Acq: 23 Mar 2022 18:16

Tgt Ion: 63 Resp: 21988
Ion Ratio Lower Upper
63 100
65 35.9 22.2 41.2
83 15.3 9.4 17.4





#25

Chloroform

Concen: 1.501 ug/L

RT: 4.378 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VV025139.D

Acq: 23 Mar 2022 18:16

Instrument :

MSVOA_V

ClientSampleId :

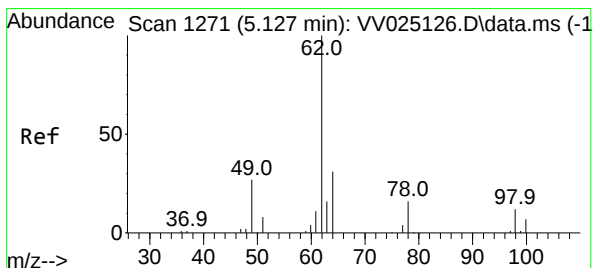
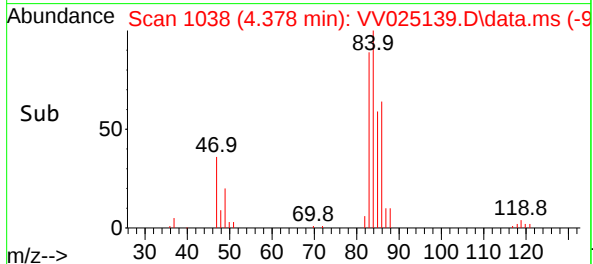
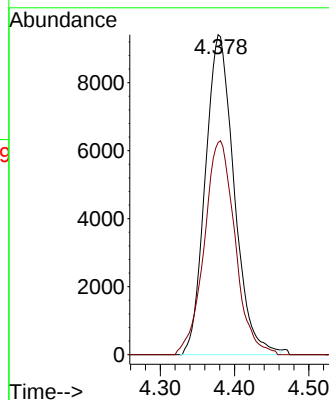
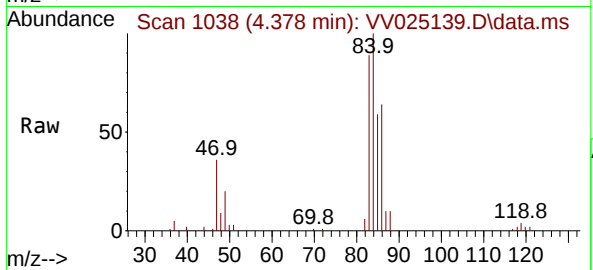
EW5Z9

Tgt Ion: 83 Resp: 25389

Ion Ratio Lower Upper

83 100

85 66.3 44.5 82.7



#27

1,2-Dichloroethane

Concen: 1.015 ug/L

RT: 5.140 min Scan# 1275

Delta R.T. 0.013 min

Lab File: VV025139.D

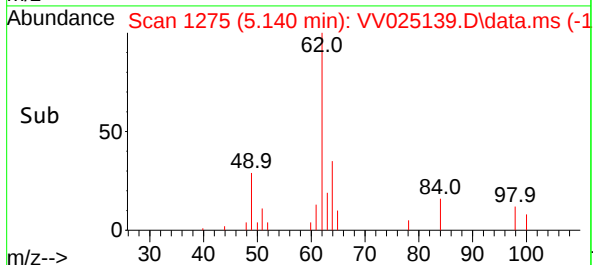
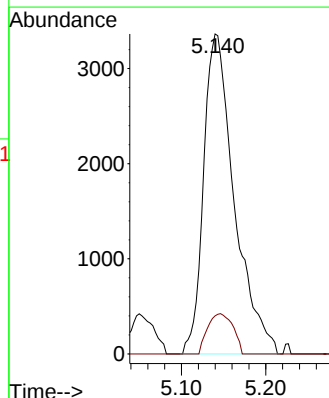
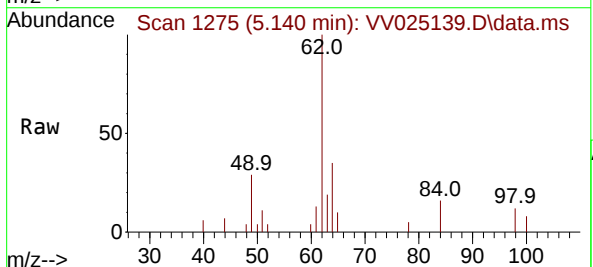
Acq: 23 Mar 2022 18:16

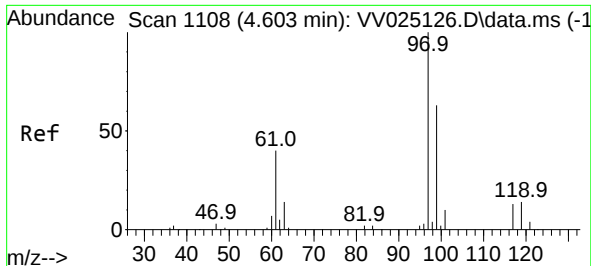
Tgt Ion: 62 Resp: 8538

Ion Ratio Lower Upper

62 100

98 11.9 9.0 13.4

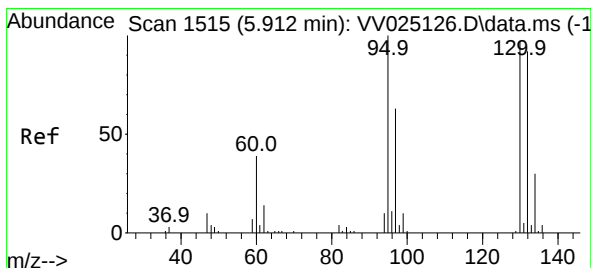
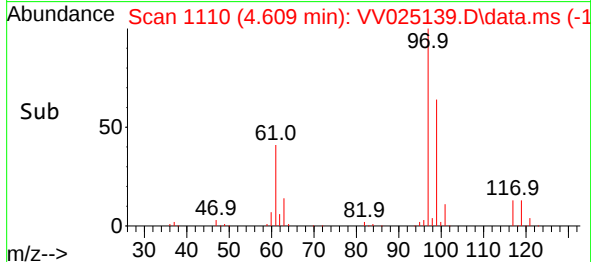
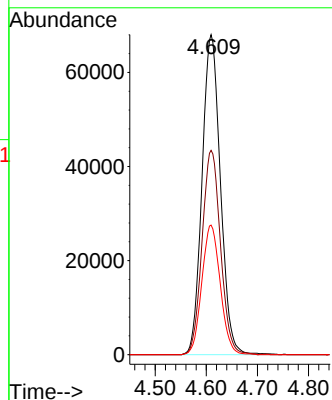
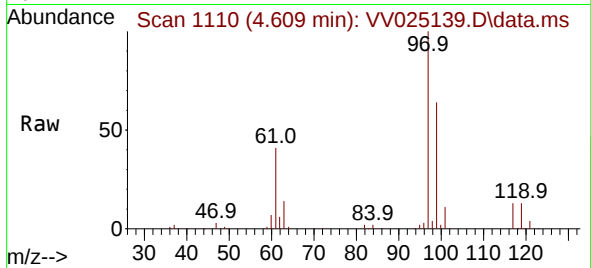




#29
1,1,1-Trichloroethane
Concen: 11.206 ug/L
RT: 4.609 min Scan# 1108
Delta R.T. 0.006 min
Lab File: VV025139.D
Acq: 23 Mar 2022 18:16

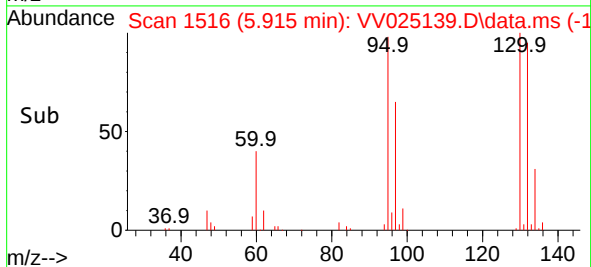
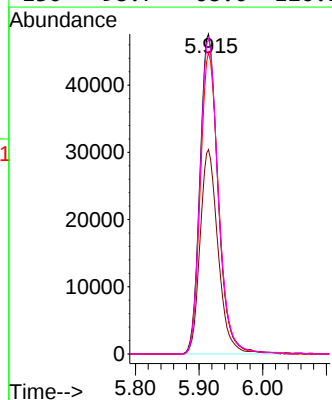
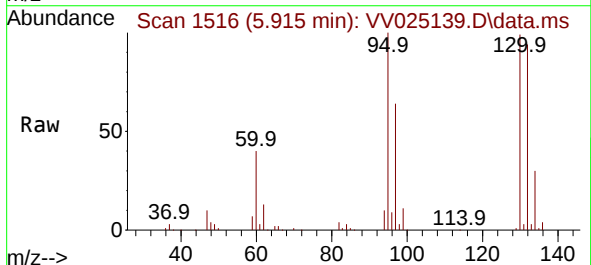
Instrument :
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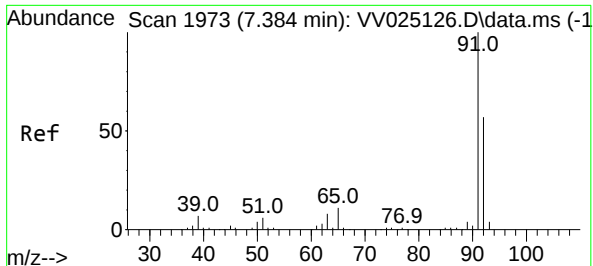
Tgt Ion: 97 Resp: 170025
Ion Ratio Lower Upper
97 100
99 64.1 50.7 76.1
61 40.7 32.4 48.6



#34
Trichloroethene
Concen: 9.130 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VV025139.D
Acq: 23 Mar 2022 18:16

Tgt Ion: 95 Resp: 94074
Ion Ratio Lower Upper
95 100
97 63.8 44.5 82.7
132 94.2 66.5 123.5
130 98.7 68.0 126.2





#42

Toluene

Concen: 0.275 ug/L

RT: 7.394 min Scan# 1973

Delta R.T. 0.010 min

Lab File: VV025139.D

Acq: 23 Mar 2022 18:16

Instrument :

MSVOA_V

ClientSampleId :

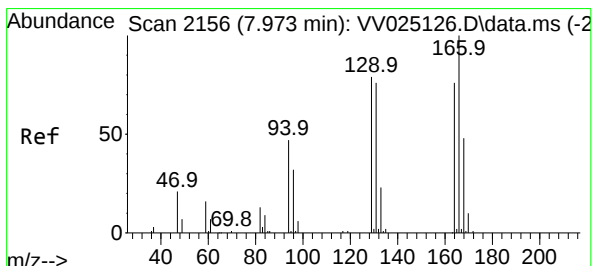
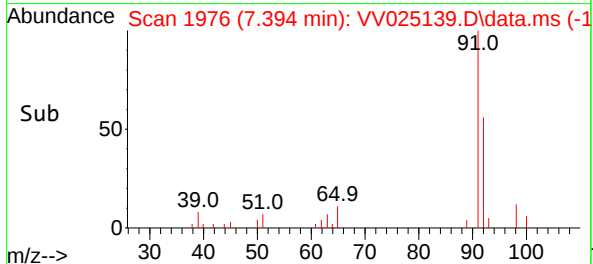
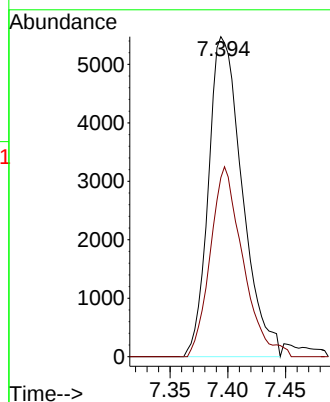
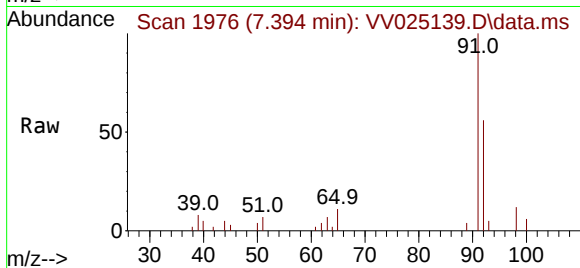
EW5Z9

Tgt Ion: 91 Resp: 11128

Ion Ratio Lower Upper

91 100

92 55.9 41.2 76.4



#47

Tetrachloroethene

Concen: 28.465 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.000 min

Lab File: VV025139.D

Acq: 23 Mar 2022 18:16

Tgt Ion: 164 Resp: 206341

Ion Ratio Lower Upper

164 100

129 102.6 70.3 130.7

131 96.2 69.4 129.0

166 127.1 90.3 167.7

