

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071222\
 Data File : VW026737.D
 Acq On : 12 Jul 2022 19:49
 Operator : SY/MD
 Sample : N3601-18
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBUB0

Quant Time: Jul 13 03:05:03 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)

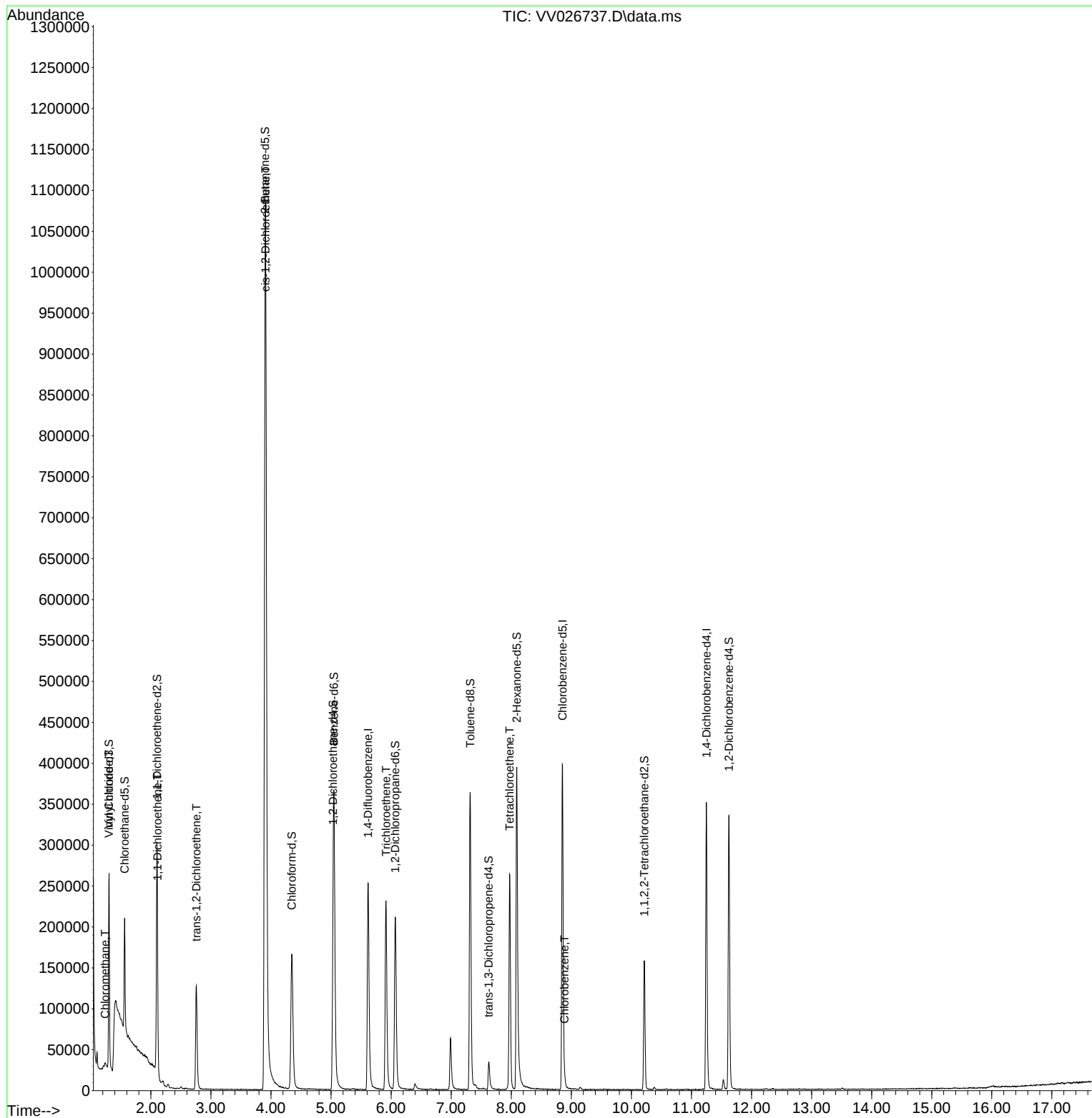
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	220850	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	228179	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	89823	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	96391	4.784	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.600%
7) Chloroethane-d5	1.565	69	88353	5.075	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.600%
11) 1,1-Dichloroethene-d2	2.101	63	142891	3.694	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.800%
20) 2-Butanone-d5	3.902	46	197557	62.825	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.660%
24) Chloroform-d	4.346	84	178636	5.071	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.400%
26) 1,2-Dichloroethane-d4	5.034	65	83021	5.394	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.800%
32) Benzene-d6	5.047	84	339179	4.892	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
36) 1,2-Dichloropropane-d6	6.069	67	107658	5.179	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.600%
41) Toluene-d8	7.317	98	254224	4.131	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.600%
43) trans-1,3-Dichloroprop...	7.625	79	21822	3.208	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	64.200%
46) 2-Hexanone-d5	8.092	63	140546	47.727	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.460%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	77293	4.773	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	86799	5.546	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.237	50	3066	0.114	ug/L #	79
5) Vinyl chloride	1.304	62	68746	2.506	ug/L	99
12) 1,1-Dichloroethene	2.111	96	4387	0.227	ug/L #	1
18) trans-1,2-Dichloroethene	2.757	96	49824	2.799	ug/L	98
22) cis-1,2-Dichloroethene	3.909	96	584242	32.546	ug/L	96
34) Trichloroethene	5.915	95	85199	4.544	ug/L	96
47) Tetrachloroethene	7.976	164	56016	3.809	ug/L	97
51) Chlorobenzene	8.886	112	5973	0.123	ug/L	95

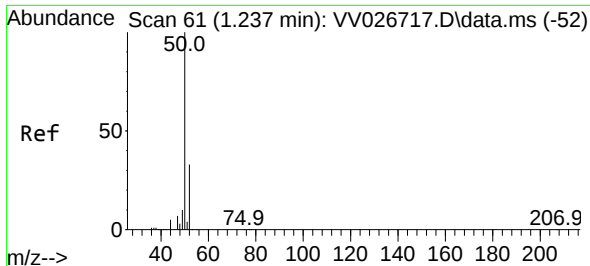
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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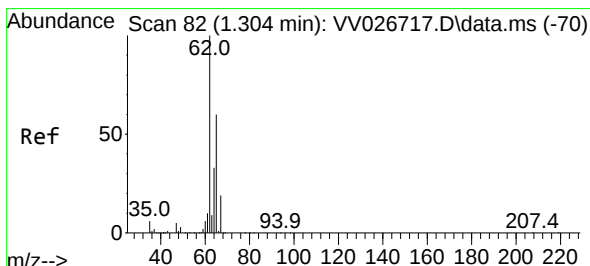
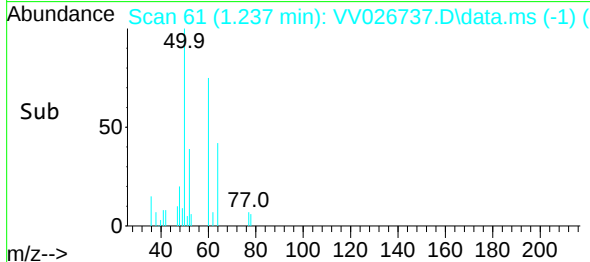
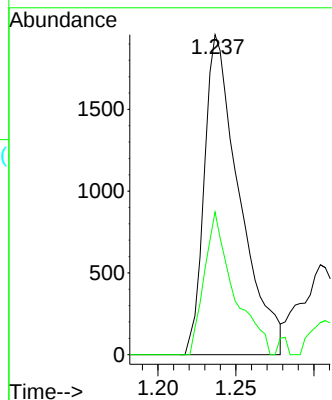
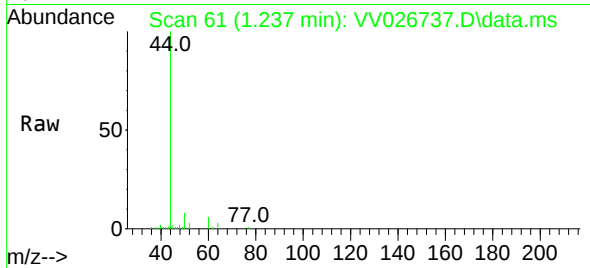




#3
Chloromethane
Concen: 0.114 ug/L
RT: 1.237 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV026737.D
Acq: 12 Jul 2022 19:49

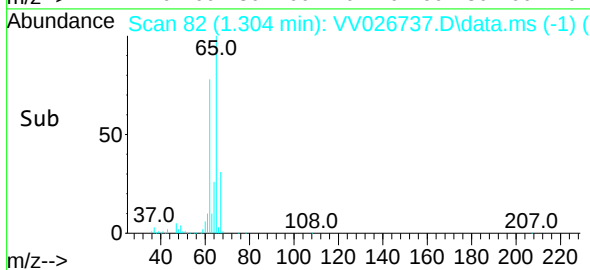
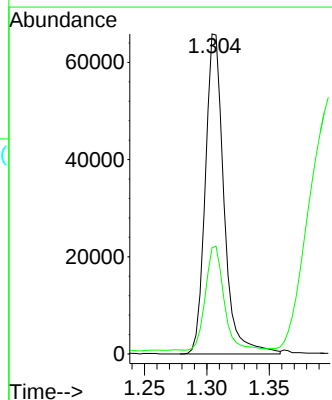
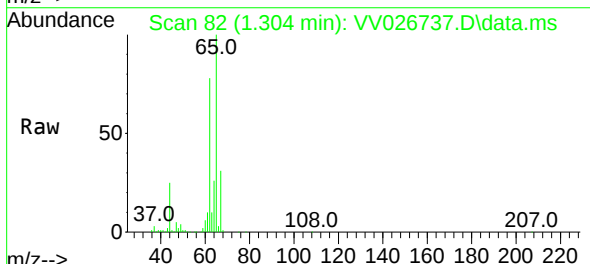
Instrument :
MSVOA_V
ClientSampleId :
DBUB0

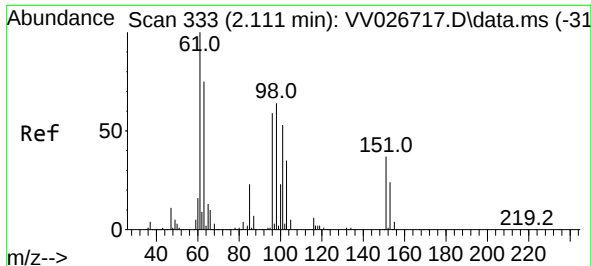
Tgt Ion: 50 Resp: 3066
Ion Ratio Lower Upper
50 100
52 44.6 22.8 42.4#



#5
Vinyl chloride
Concen: 2.506 ug/L
RT: 1.304 min Scan# 82
Delta R.T. 0.000 min
Lab File: VV026737.D
Acq: 12 Jul 2022 19:49

Tgt Ion: 62 Resp: 68746
Ion Ratio Lower Upper
62 100
64 33.2 22.9 42.5





#12

1,1-Dichloroethene

Concen: 0.227 ug/L

RT: 2.111 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV026737.D

Acq: 12 Jul 2022 19:49

Instrument :

MSVOA_V

ClientSampleId :

DBUB0

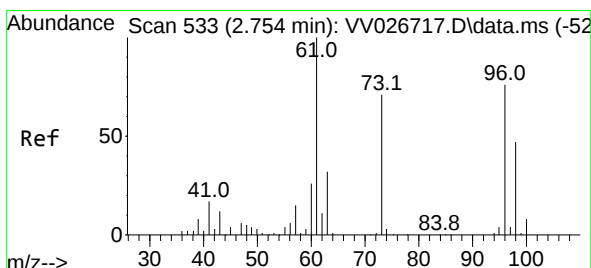
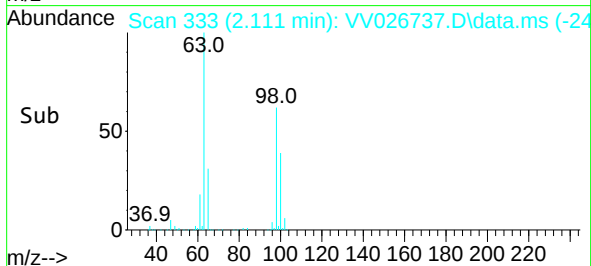
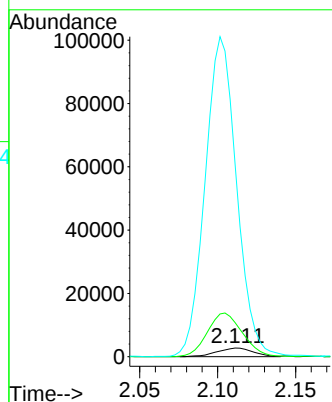
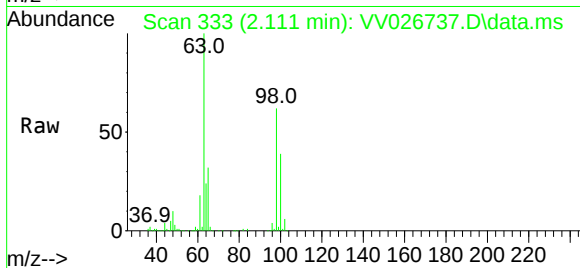
Tgt Ion: 96 Resp: 4387

Ion Ratio Lower Upper

96 100

61 397.6 118.3 219.7#

63 2246.0 79.9 148.3#



#18

trans-1,2-Dichloroethene

Concen: 2.799 ug/L

RT: 2.757 min Scan# 534

Delta R.T. 0.003 min

Lab File: VV026737.D

Acq: 12 Jul 2022 19:49

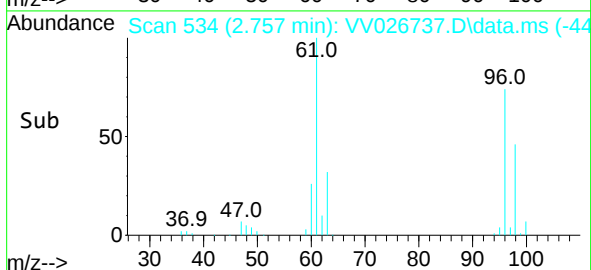
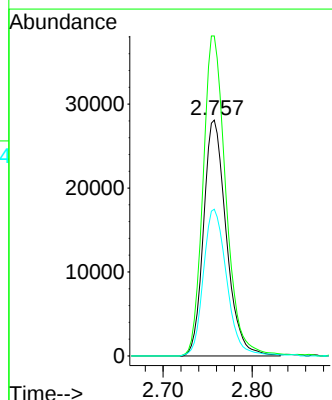
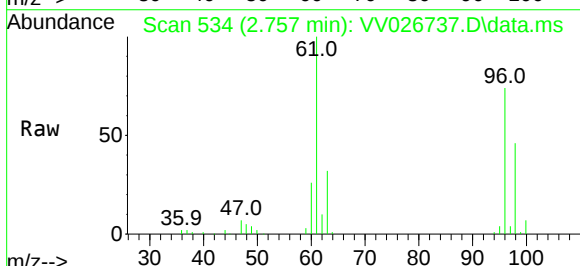
Tgt Ion: 96 Resp: 49824

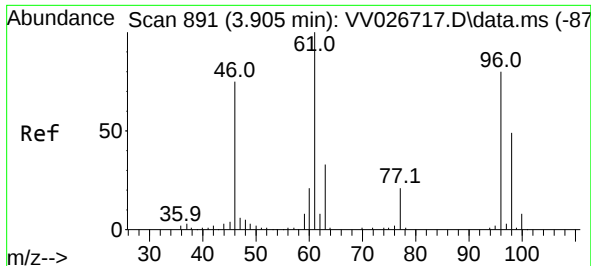
Ion Ratio Lower Upper

96 100

61 135.7 94.7 175.9

98 62.3 47.4 88.0

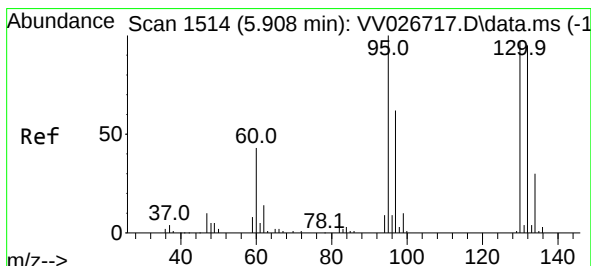
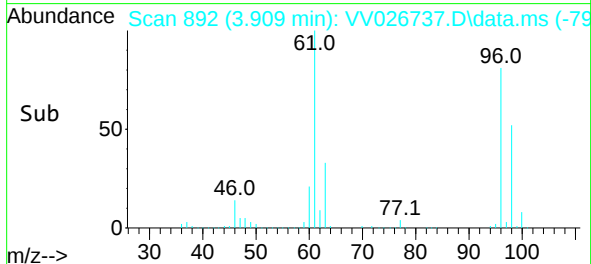
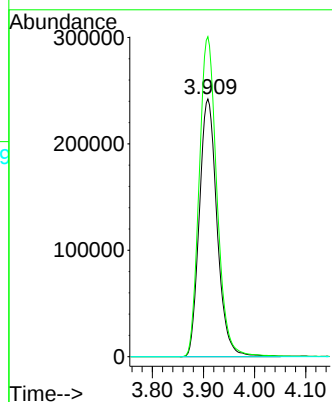
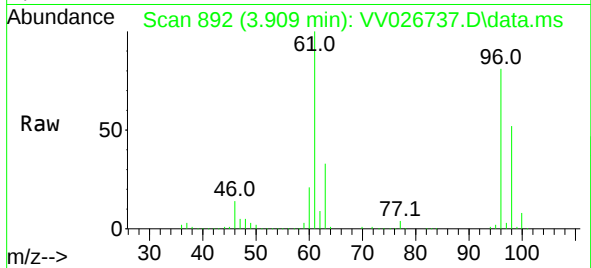




#22
 cis-1,2-Dichloroethene
 Concen: 32.546 ug/L
 RT: 3.909 min Scan# 891
 Delta R.T. 0.003 min
 Lab File: VV026737.D
 Acq: 12 Jul 2022 19:49

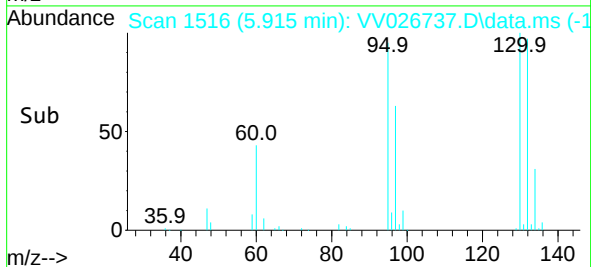
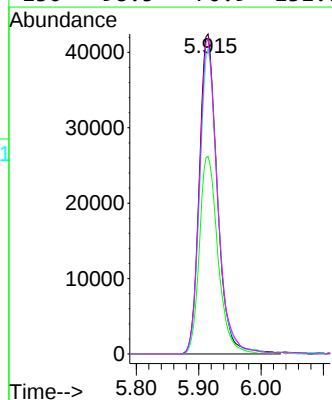
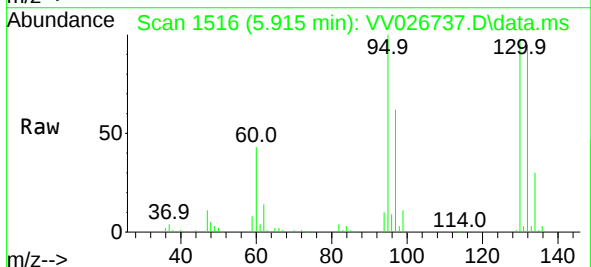
Instrument :
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 DBUB0

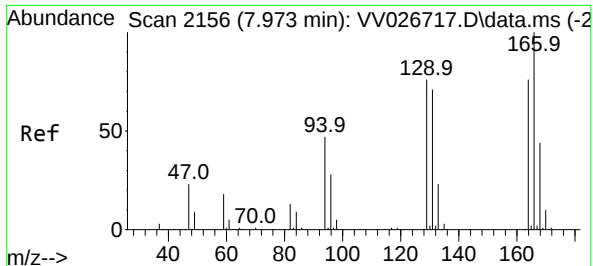
Tgt Ion: 96 Resp: 584242
 Ion Ratio Lower Upper
 96 100
 61 124.1 83.9 155.9
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 4.544 ug/L
 RT: 5.915 min Scan# 1516
 Delta R.T. 0.006 min
 Lab File: VV026737.D
 Acq: 12 Jul 2022 19:49

Tgt Ion: 95 Resp: 85199
 Ion Ratio Lower Upper
 95 100
 97 61.8 44.6 82.8
 132 95.3 70.2 130.4
 130 98.5 70.9 131.7





#47

Tetrachloroethene

Concen: 3.809 ug/L

RT: 7.976 min Scan# 2156

Delta R.T. 0.003 min

Lab File: VV026737.D

Acq: 12 Jul 2022 19:49

Instrument :

MSVOA_V

ClientSampleId :

DBUB0

Tgt Ion:164 Resp: 56016

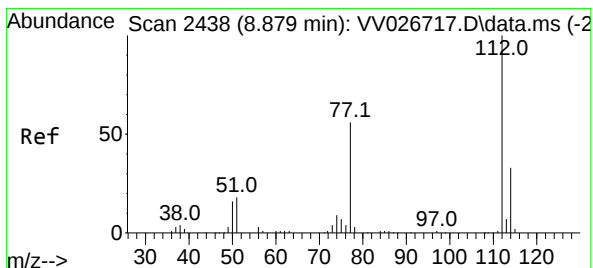
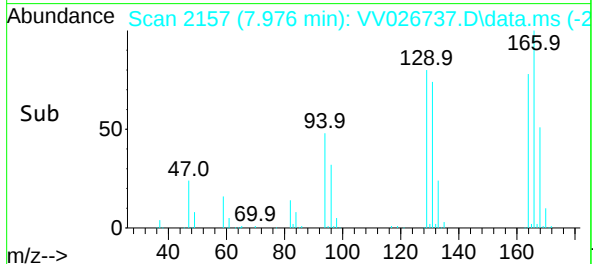
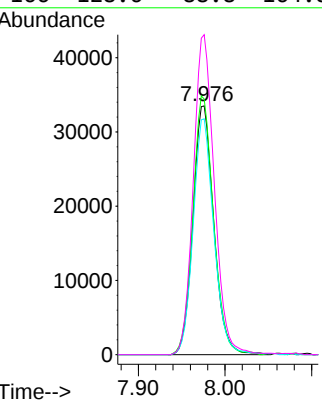
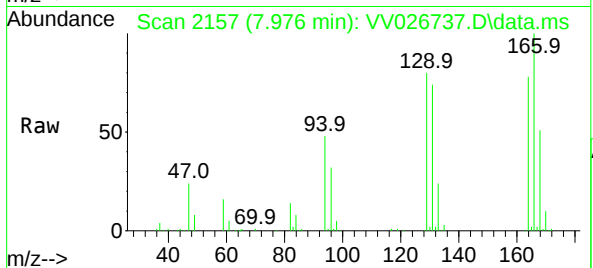
Ion Ratio Lower Upper

164 100

129 102.7 67.8 125.8

131 94.8 65.9 122.5

166 128.6 88.8 164.8



#51

Chlorobenzene

Concen: 0.123 ug/L

RT: 8.886 min Scan# 2440

Delta R.T. 0.006 min

Lab File: VV026737.D

Acq: 12 Jul 2022 19:49

Tgt Ion:112 Resp: 5973

Ion Ratio Lower Upper

112 100

114 30.8 22.7 42.1

77 53.1 46.6 70.0

