

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061622\
 Data File : VW026366.D
 Acq On : 17 Jun 2022 04:51
 Operator : SY/MD
 Sample : N3318-12 10X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGJ66

Quant Time: Jun 17 07:23:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 17 06:57:04 2022
 Response via : Initial Calibration

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

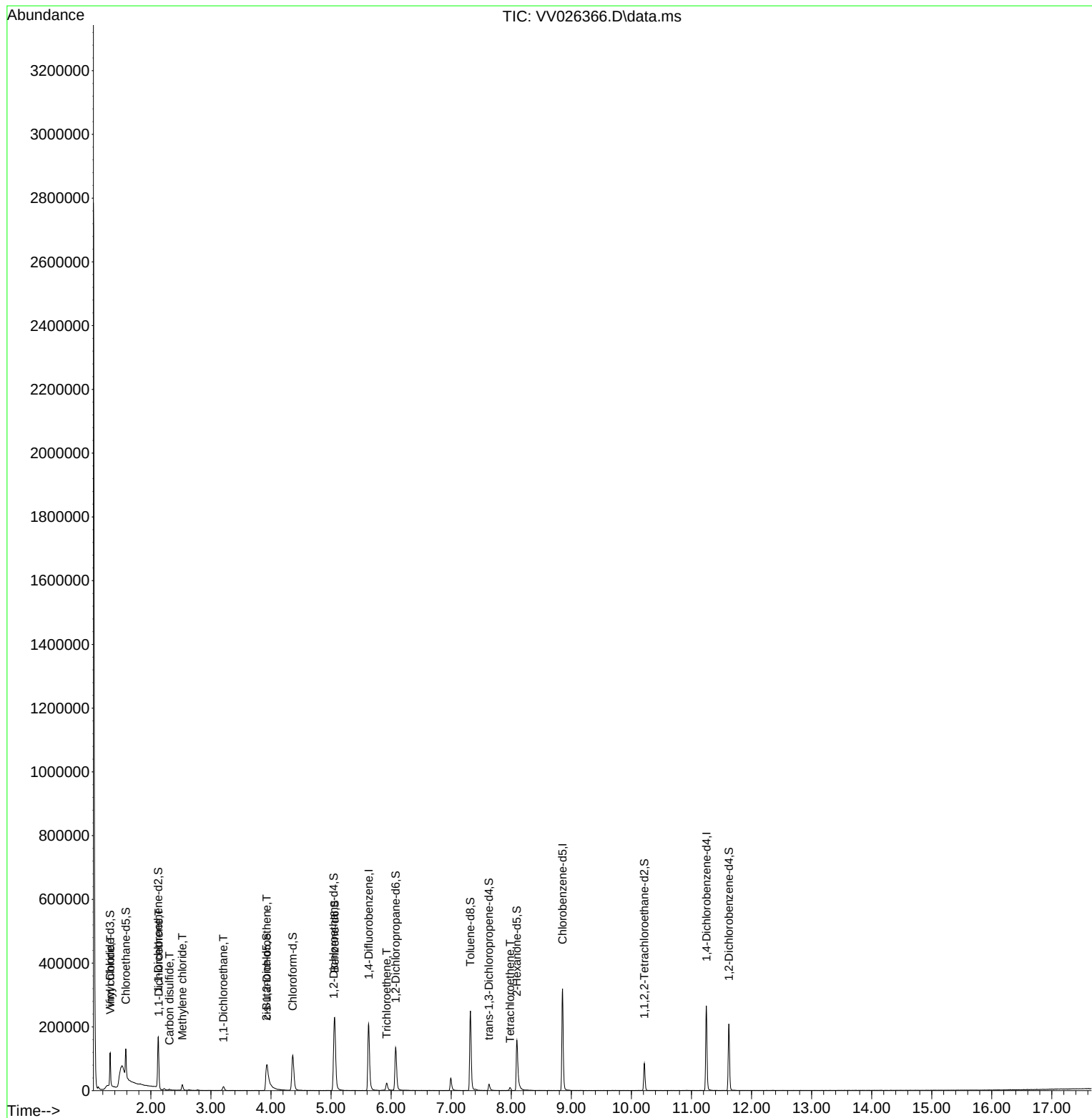
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	189996	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	179499	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	72467	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	61143	3.705	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.200%
7) Chloroethane-d5	1.584	69	55055	4.243	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.800%
11) 1,1-Dichloroethene-d2	2.124	63	88278	3.115	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.400%
20) 2-Butanone-d5	3.928	46	76183	47.311	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.620%
24) Chloroform-d	4.362	84	119106	4.924	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
26) 1,2-Dichloroethane-d4	5.043	65	48872	4.776	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
32) Benzene-d6	5.059	84	220765	4.600	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
36) 1,2-Dichloropropane-d6	6.076	67	68970	4.924	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.400%
41) Toluene-d8	7.320	98	171918	3.929	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.600%
43) trans-1,3-Dichloroprop...	7.629	79	12762	2.810	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	56.200%
46) 2-Hexanone-d5	8.092	63	57459	41.882	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.760%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	42252	4.897	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	54850	4.914	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.200%
Target Compounds						Qvalue
5) Vinyl chloride	1.327	62	11732	0.715	ug/L	# 1
12) 1,1-Dichloroethene	2.134	96	3193	0.266	ug/L	# 1
14) Carbon disulfide	2.310	76	4709	0.159	ug/L	99
16) Methylene chloride	2.523	84	7953	0.519	ug/L	92
19) 1,1-Dichloroethane	3.207	63	13069	0.589	ug/L	95
22) cis-1,2-Dichloroethene	3.931	96	23087	1.960	ug/L	97
34) Trichloroethene	5.928	95	8112	0.646	ug/L	97
47) Tetrachloroethene	7.982	164	2331	0.250	ug/L	96

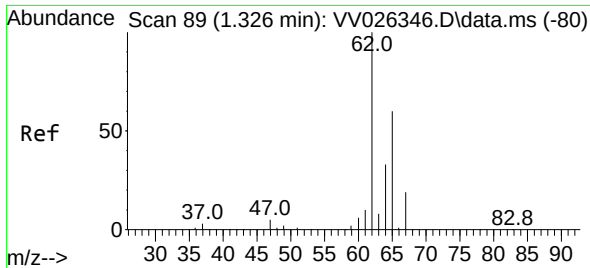
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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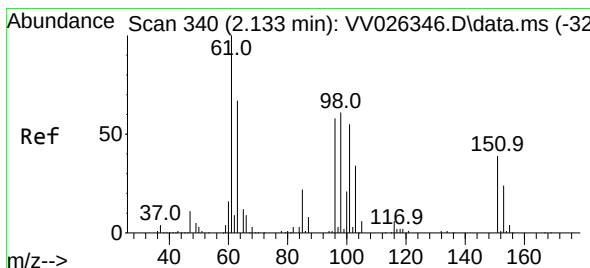
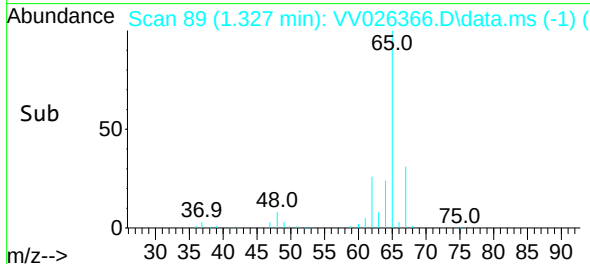
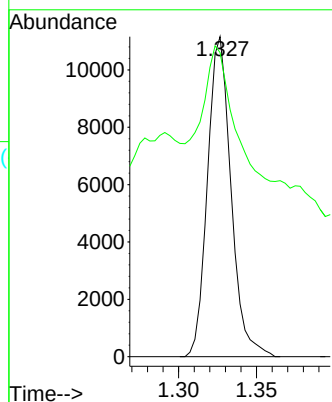
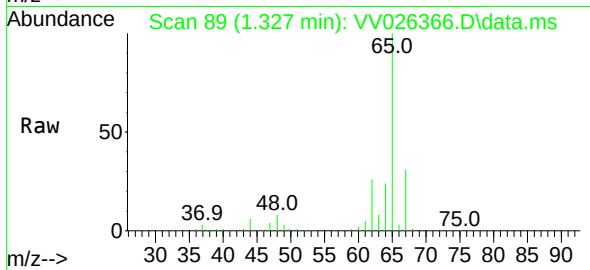




#5
 Vinyl chloride
 Concen: 0.715 ug/L
 RT: 1.327 min Scan# 89
 Delta R.T. 0.000 min
 Lab File: VV026366.D
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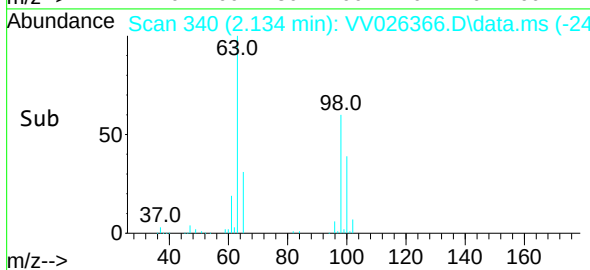
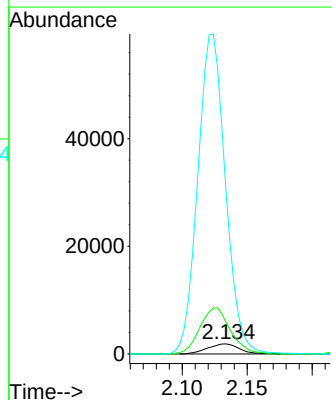
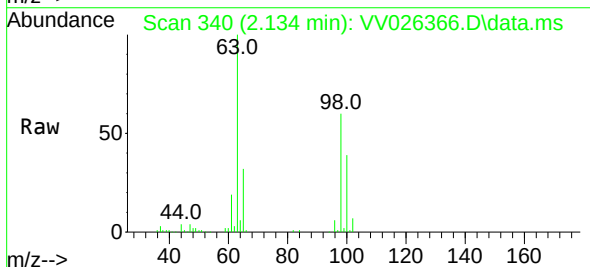
Instrument :
 MSVOA_V
 Client Sample Id :
 BGJ66

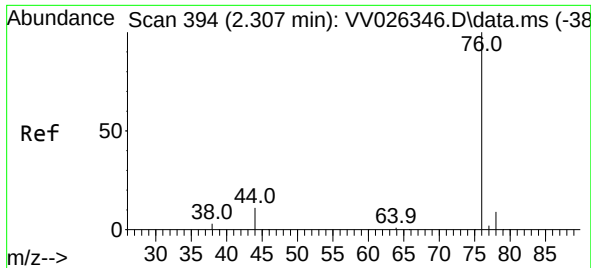
Tgt Ion: 62 Resp: 11732
 Ion Ratio Lower Upper
 62 100
 64 95.1 23.2 43.2#



#12
 1,1-Dichloroethene
 Concen: 0.266 ug/L
 RT: 2.134 min Scan# 340
 Delta R.T. 0.000 min
 Lab File: VV026366.D
 Acq: 17 Jun 2022 04:51

Tgt Ion: 96 Resp: 3193
 Ion Ratio Lower Upper
 96 100
 61 321.6 117.1 217.5#
 63 1655.9 92.8 172.4#

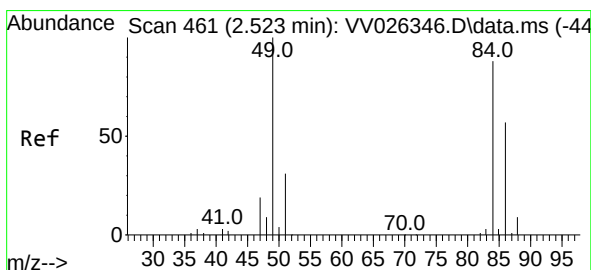
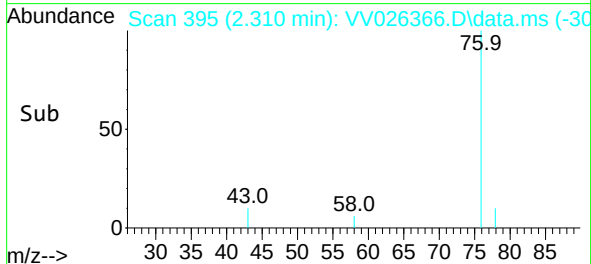
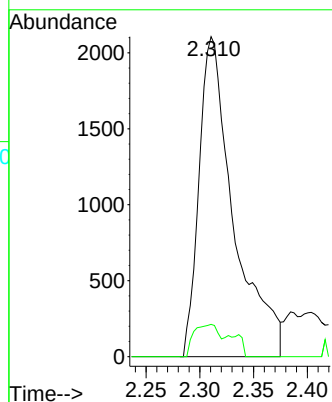
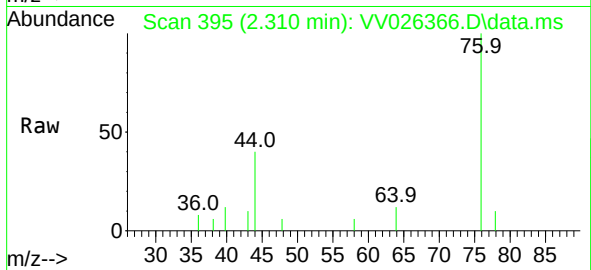




#14
Carbon disulfide
Concen: 0.159 ug/L
RT: 2.310 min Scan# 394
Delta R.T. 0.003 min
Lab File: VV026366.D
Acq: 17 Jun 2022 04:51

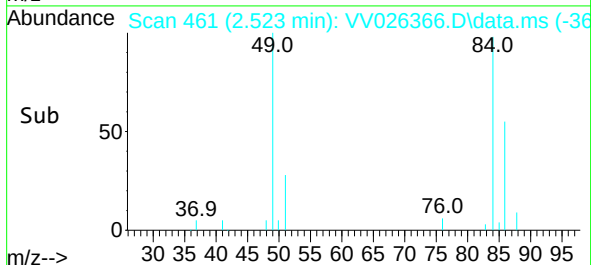
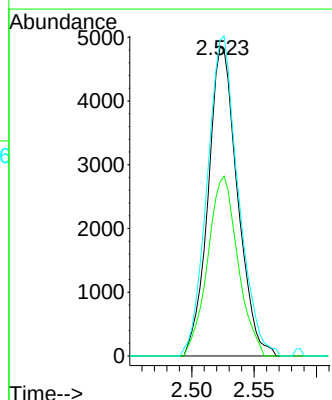
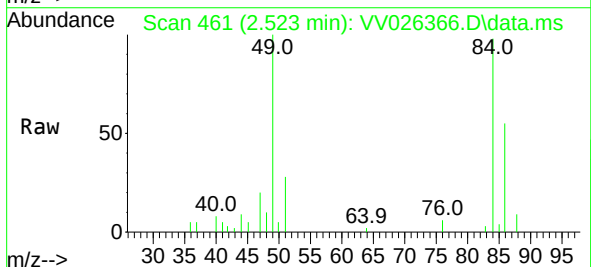
Instrument :
MSVOA_V
ClientSampleId :
BGJ66

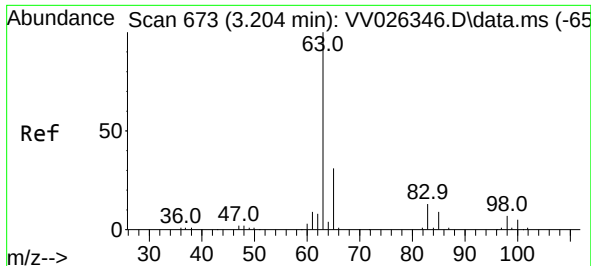
Tgt Ion: 76 Resp: 4709
Ion Ratio Lower Upper
76 100
78 10.1 7.7 11.5



#16
Methylene chloride
Concen: 0.519 ug/L
RT: 2.523 min Scan# 461
Delta R.T. 0.000 min
Lab File: VV026366.D
Acq: 17 Jun 2022 04:51

Tgt Ion: 84 Resp: 7953
Ion Ratio Lower Upper
84 100
86 56.4 44.0 81.8
49 102.2 77.3 143.7





#19

1,1-Dichloroethane

Concen: 0.589 ug/L

RT: 3.207 min Scan# 61

Delta R.T. 0.003 min

Lab File: VV026366.D

Acq: 17 Jun 2022 04:51

Instrument :

MSVOA_V

ClientSampleId :

BGJ66

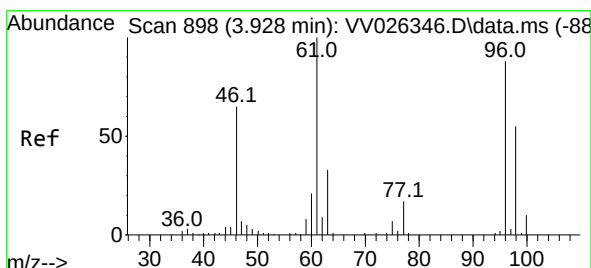
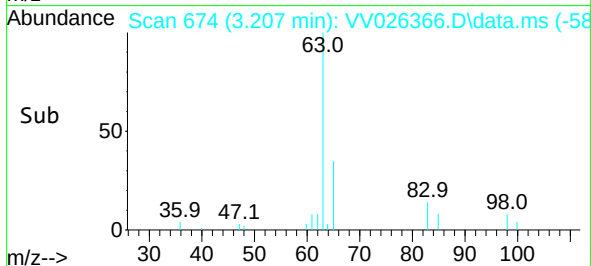
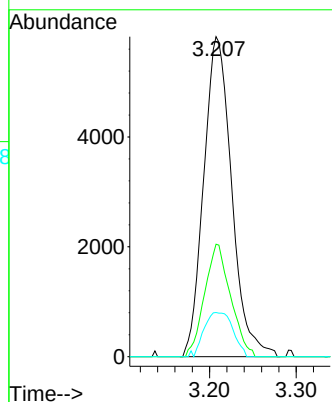
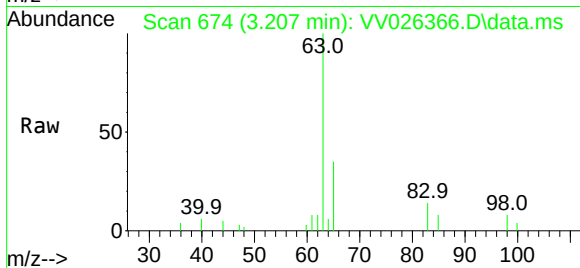
Tgt Ion: 63 Resp: 13069

Ion Ratio Lower Upper

63 100

65 35.2 22.3 41.3

83 13.8 8.9 16.5



#22

cis-1,2-Dichloroethene

Concen: 1.960 ug/L

RT: 3.931 min Scan# 899

Delta R.T. 0.003 min

Lab File: VV026366.D

Acq: 17 Jun 2022 04:51

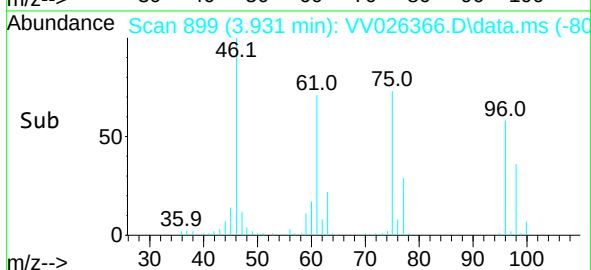
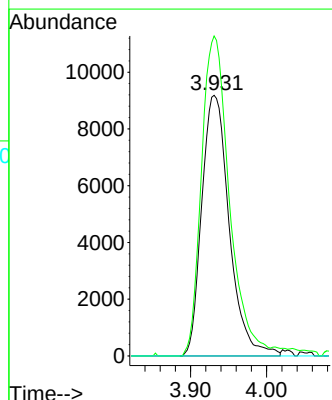
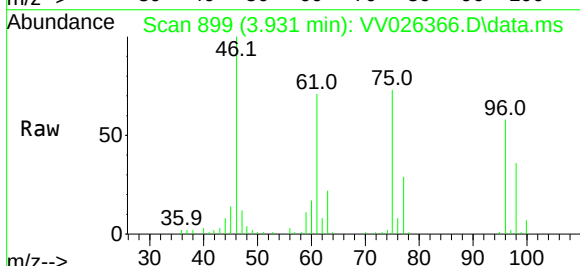
Tgt Ion: 96 Resp: 23087

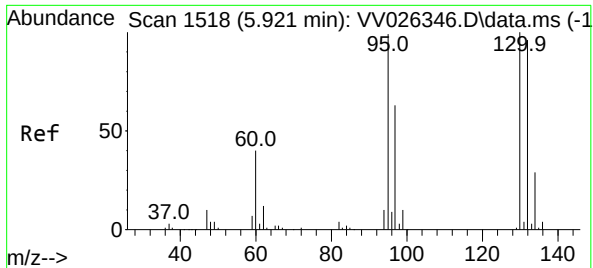
Ion Ratio Lower Upper

96 100

61 122.7 83.6 155.2

68 0.0 0.0 0.0



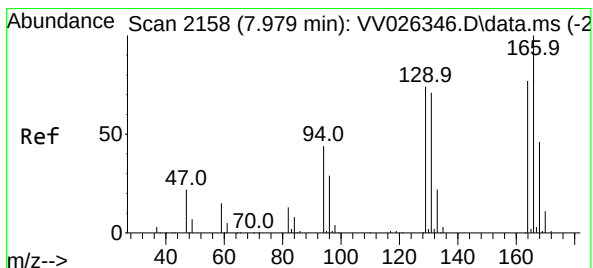
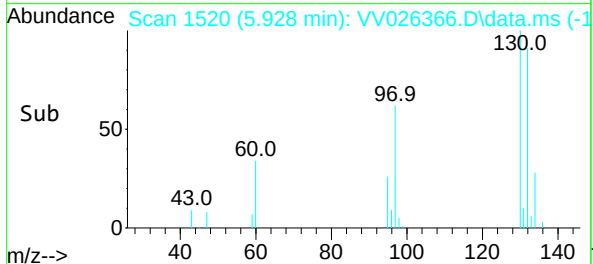
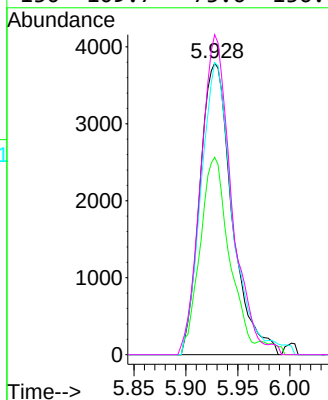
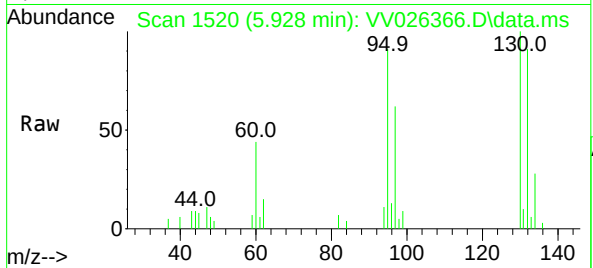


#34
Trichloroethene
Concen: 0.646 ug/L
RT: 5.928 min Scan# 11
Delta R.T. 0.007 min
Lab File: VV026366.D
Acq: 17 Jun 2022 04:51

Instrument :
MSVOA_V
ClientSampleId :
BGJ66

Tgt Ion: 95 Resp: 8112

Ion	Ratio	Lower	Upper
95	100		
97	67.7	46.5	86.3
132	100.1	68.8	127.8
130	109.7	73.6	136.6



#47
Tetrachloroethene
Concen: 0.250 ug/L
RT: 7.982 min Scan# 2159
Delta R.T. 0.003 min
Lab File: VV026366.D
Acq: 17 Jun 2022 04:51

Tgt Ion: 164 Resp: 2331

Ion	Ratio	Lower	Upper
164	100		
129	93.6	67.5	125.3
131	87.8	63.8	118.4
166	121.9	89.5	166.3

