

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072022\
 Data File : VW026859.D
 Acq On : 20 Jul 2022 19:36
 Operator : SY/MD
 Sample : N3802-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBHX2

Quant Time: Jul 21 01:52:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 21 01:47:16 2022
 Response via : Initial Calibration

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

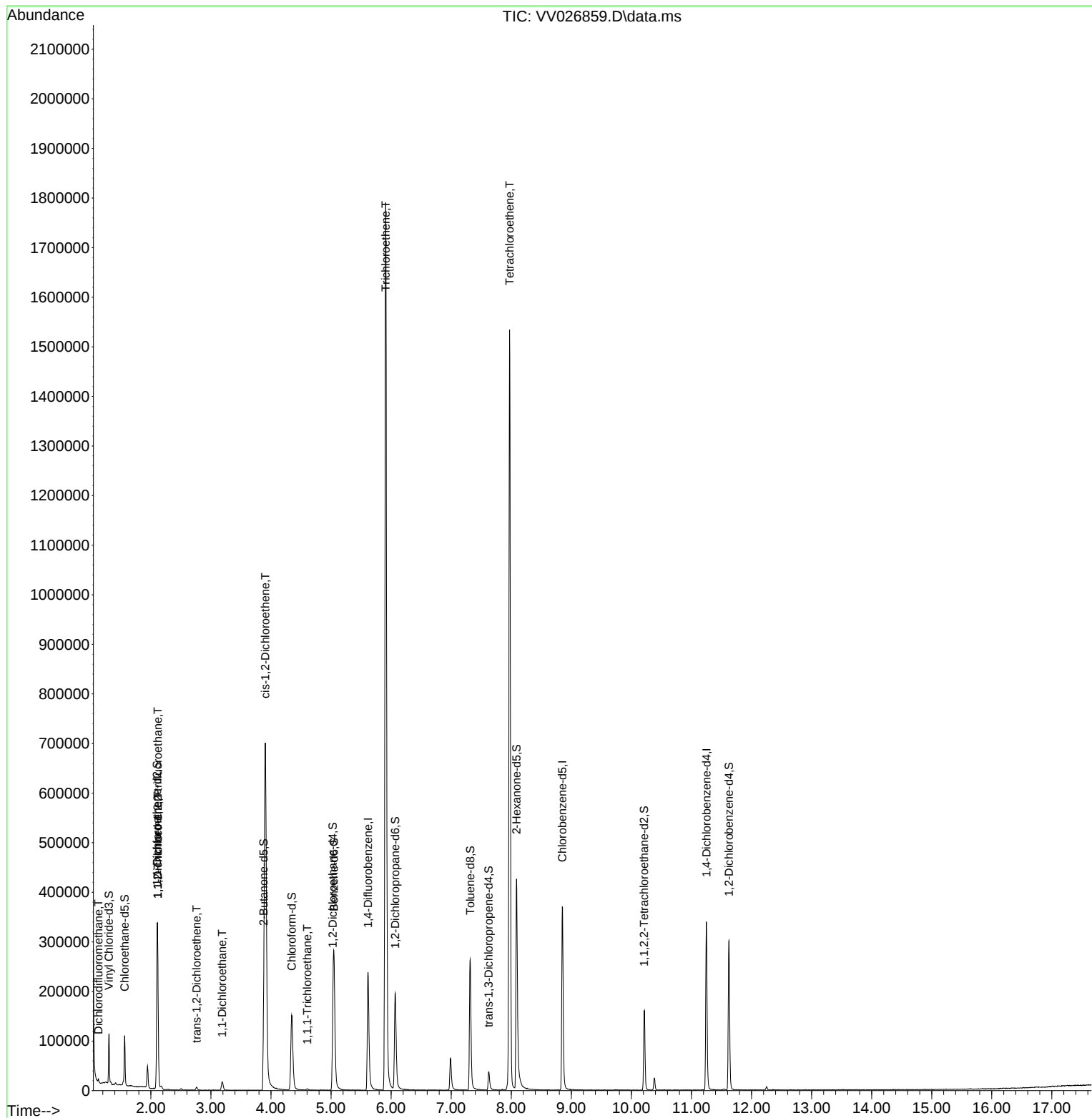
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	213018	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	218726	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	92132	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	64798	3.334	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	66.600%	
7) Chloroethane-d5	1.565	69	66447	3.957	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	79.200%	
11) 1,1-Dichloroethene-d2	2.105	63	93234	2.499	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	50.000%#	
20) 2-Butanone-d5	3.880	46	199662	65.829	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	131.660%#	
24) Chloroform-d	4.346	84	163331	4.807	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.200%	
26) 1,2-Dichloroethane-d4	5.031	65	74838	5.041	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.800%	
32) Benzene-d6	5.050	84	263821	3.969	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	79.400%	
36) 1,2-Dichloropropane-d6	6.069	67	99574	4.997	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	100.000%	
41) Toluene-d8	7.317	98	188975	3.203	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	64.000%#	
43) trans-1,3-Dichloroprop...	7.625	79	24793	3.803	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	76.000%	
46) 2-Hexanone-d5	8.088	63	153507	54.381	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	108.760%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	80450	5.182	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	103.600%	
66) 1,2-Dichlorobenzene-d4	11.625	152	81387	5.070	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	101.400%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	3622	0.134	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	68376	3.550	ug/L	99
12) 1,1-Dichloroethene	2.114	96	9375	0.502	ug/L #	1
18) trans-1,2-Dichloroethene	2.761	96	2440	0.142	ug/L	94
19) 1,1-Dichloroethane	3.188	63	17410	0.555	ug/L	98
22) cis-1,2-Dichloroethene	3.905	96	386994	22.351	ug/L	99
29) 1,1,1-Trichloroethane	4.603	97	1954	0.066	ug/L	93
34) Trichloroethene	5.908	95	639568	35.586	ug/L	98
47) Tetrachloroethene	7.973	164	341904	24.256	ug/L	98

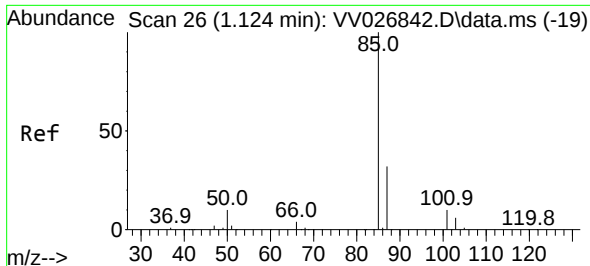
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072022\
Data File : VV026859.D
Acq On : 20 Jul 2022 19:36
Operator : SY/MD
Sample : N3802-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBHX2

Quant Time: Jul 21 01:52:52 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jul 21 01:47:16 2022
Response via : Initial Calibration

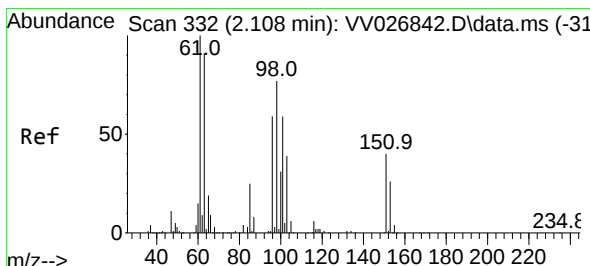
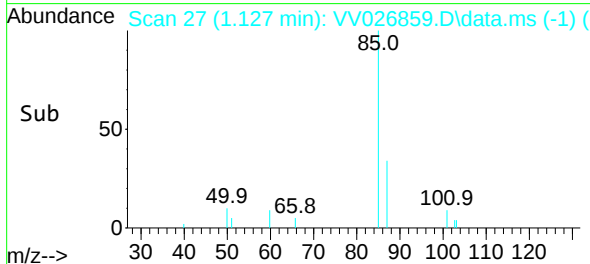
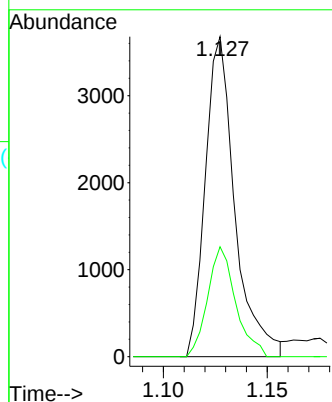
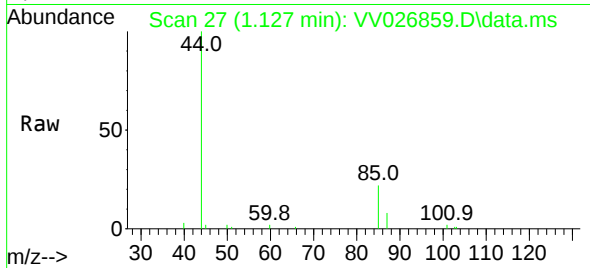




#2
 Dichlorodifluoromethane
 Concen: 0.134 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV026859.D
 Acq: 20 Jul 2022 19:36

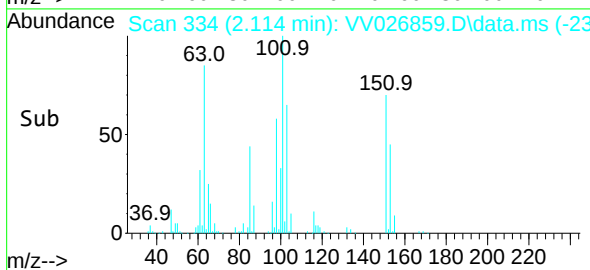
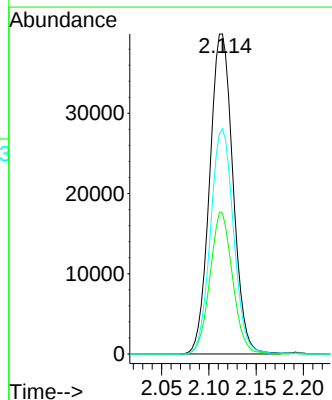
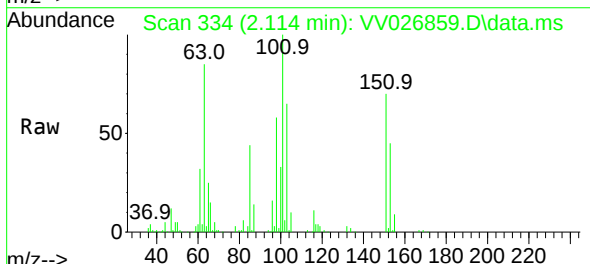
Instrument :
 MSVOA_V
 ClientSampleId :
 GBHX2

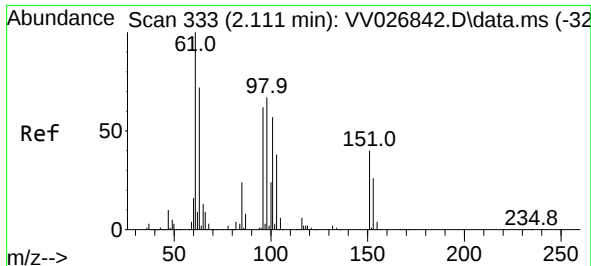
Tgt Ion: 85 Resp: 3622
 Ion Ratio Lower Upper
 85 100
 87 32.6 25.8 38.8



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 3.550 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.006 min
 Lab File: VV026859.D
 Acq: 20 Jul 2022 19:36

Tgt Ion: 101 Resp: 68376
 Ion Ratio Lower Upper
 101 100
 85 42.8 35.0 52.4
 151 69.7 56.7 85.1

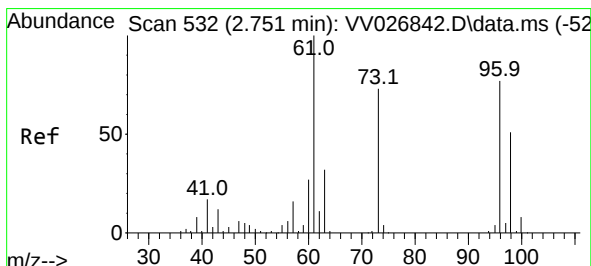
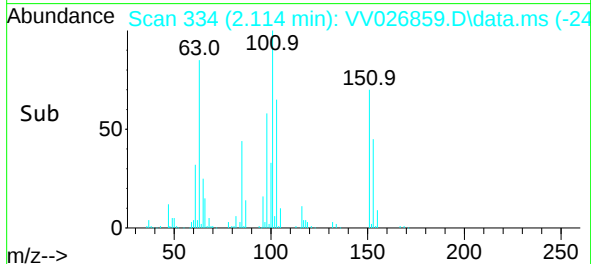
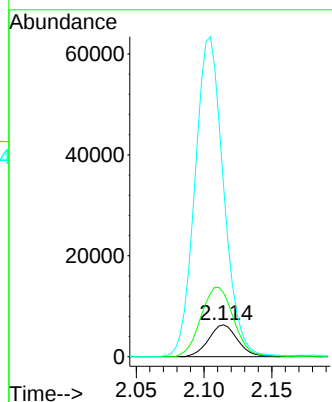
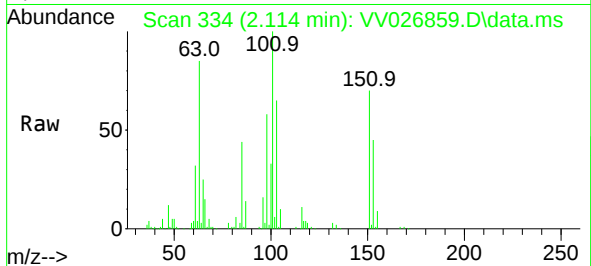




#12
1,1-Dichloroethene
Concen: 0.502 ug/L
RT: 2.114 min Scan# 311
Delta R.T. 0.003 min
Lab File: VV026859.D
Acq: 20 Jul 2022 19:36

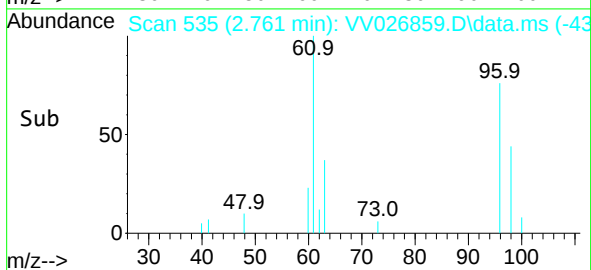
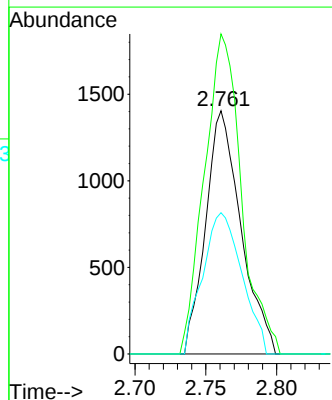
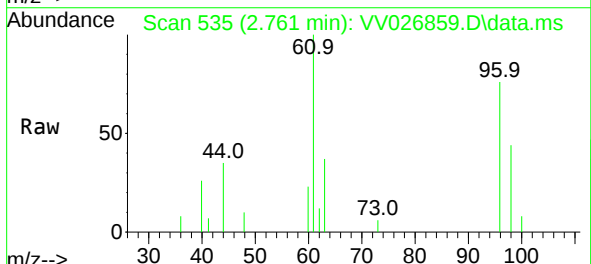
Instrument :
MSVOA_V
ClientSampleId :
GBHX2

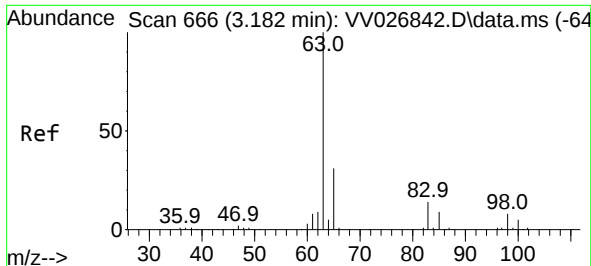
Tgt Ion: 96 Resp: 9375
Ion Ratio Lower Upper
96 100
61 200.8 118.3 219.7
63 537.2 79.9 148.3#



#18
trans-1,2-Dichloroethene
Concen: 0.142 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.010 min
Lab File: VV026859.D
Acq: 20 Jul 2022 19:36

Tgt Ion: 96 Resp: 2440
Ion Ratio Lower Upper
96 100
61 131.5 94.7 175.9
98 58.1 47.4 88.0





#19

1,1-Dichloroethane

Concen: 0.555 ug/L

RT: 3.188 min Scan# 666

Delta R.T. 0.006 min

Lab File: VV026859.D

Acq: 20 Jul 2022 19:36

Instrument :

MSVOA_V

ClientSampleId :

GBHX2

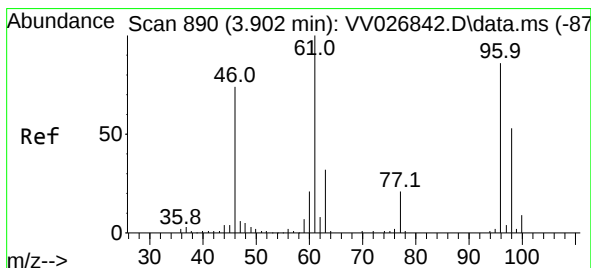
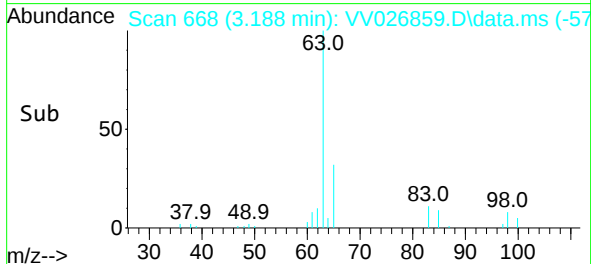
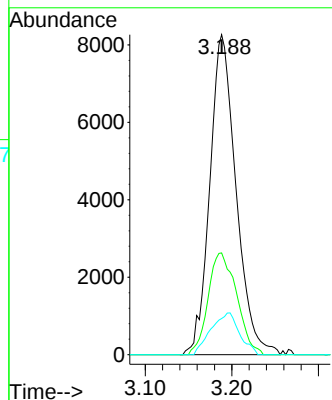
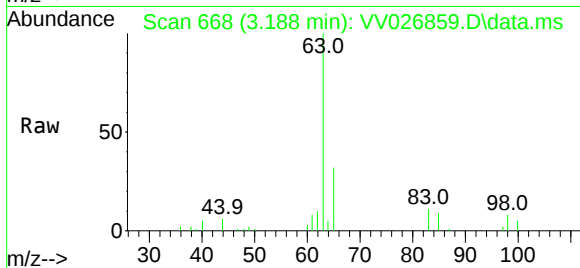
Tgt Ion: 63 Resp: 17410

Ion Ratio Lower Upper

63 100

65 31.8 22.3 41.3

83 11.3 9.9 18.5



#22

cis-1,2-Dichloroethene

Concen: 22.351 ug/L

RT: 3.905 min Scan# 891

Delta R.T. 0.003 min

Lab File: VV026859.D

Acq: 20 Jul 2022 19:36

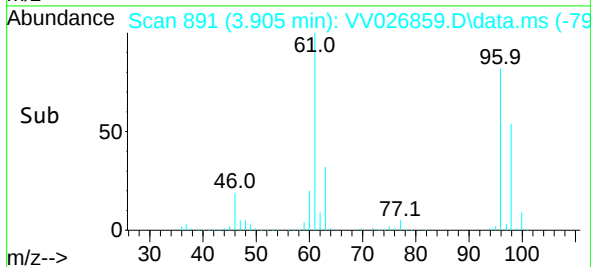
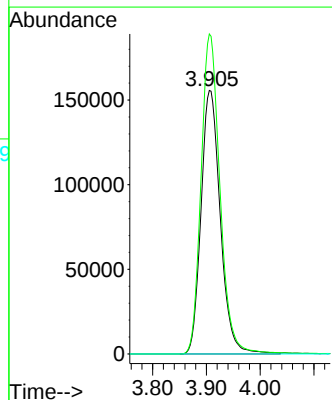
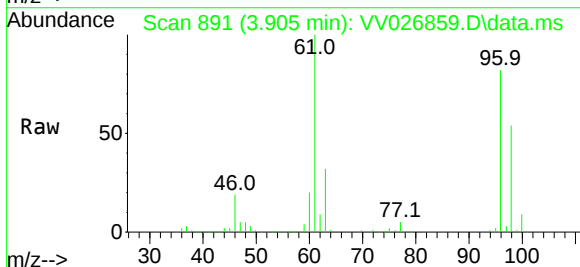
Tgt Ion: 96 Resp: 386994

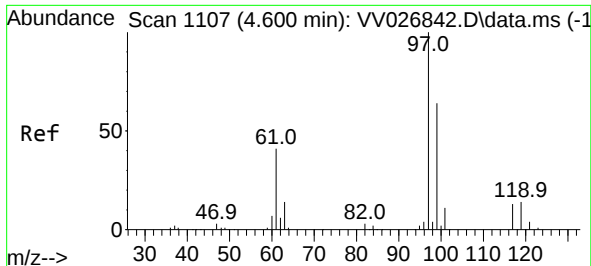
Ion Ratio Lower Upper

96 100

61 121.5 83.9 155.9

68 0.0 0.0 0.0





#29

1,1,1-Trichloroethane

Concen: 0.066 ug/L

RT: 4.603 min Scan# 1107

Delta R.T. 0.003 min

Lab File: VV026859.D

Acq: 20 Jul 2022 19:36

Instrument :

MSVOA_V

ClientSampleId :

GBHX2

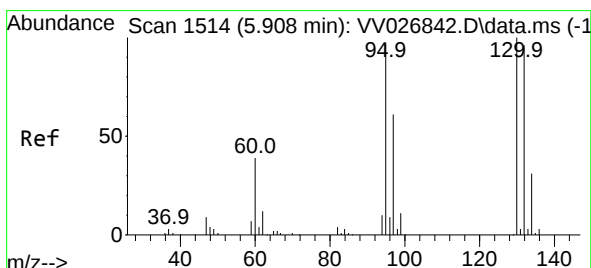
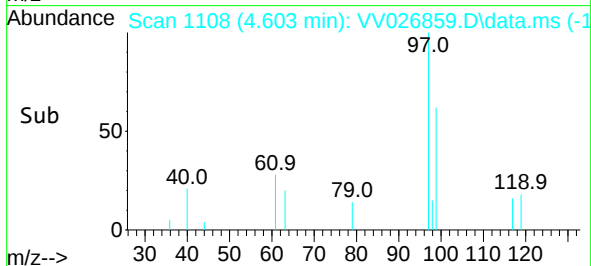
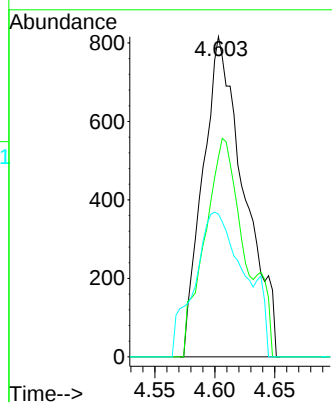
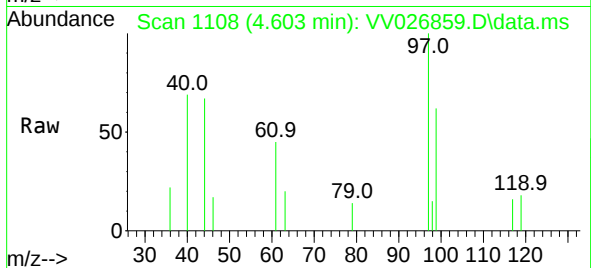
Tgt Ion: 97 Resp: 1954

Ion Ratio Lower Upper

97 100

99 59.3 51.3 76.9

61 49.8 35.1 52.7



#34

Trichloroethene

Concen: 35.586 ug/L

RT: 5.908 min Scan# 1514

Delta R.T. 0.000 min

Lab File: VV026859.D

Acq: 20 Jul 2022 19:36

Tgt Ion: 95 Resp: 639568

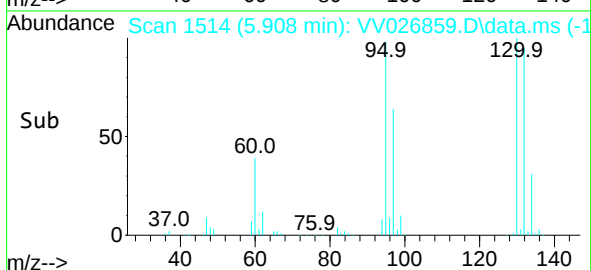
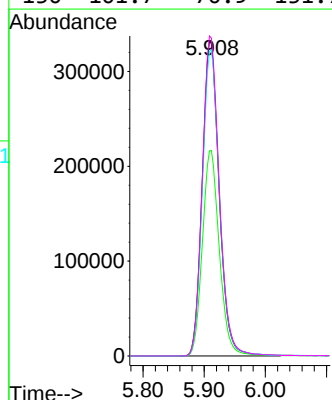
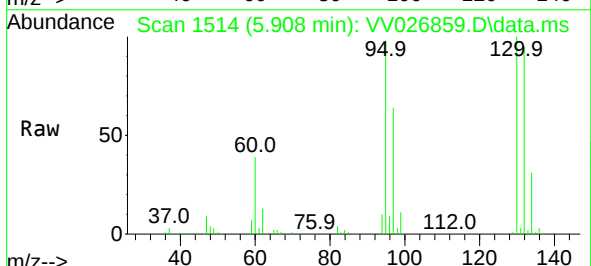
Ion Ratio Lower Upper

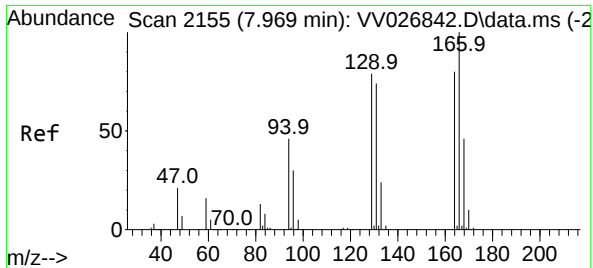
95 100

97 65.2 44.6 82.8

132 96.8 70.2 130.4

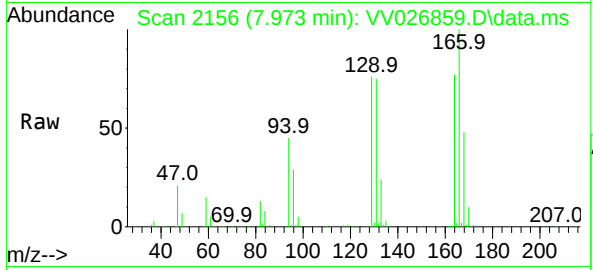
130 101.7 70.9 131.7





#47
 Tetrachloroethene
 Concen: 24.256 ug/L
 RT: 7.973 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV026859.D
 Acq: 20 Jul 2022 19:36

Instrument :
 MSVOA_V
 ClientSampleId :
 GBHX2



Tgt Ion:	164	Resp:	341904
Ion	Ratio	Lower	Upper
164	100		
129	98.9	67.8	125.8
131	97.0	65.9	122.5
166	129.6	88.8	164.8

