

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
5) Vinyl chloride	1.307	62	1382	0.052	ug/L #	22
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
15) Methyl Acetate	2.172	43	5863	1.136	ug/L #	50
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
25) Chloroform	4.372	83	3344	0.102	ug/L	98
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
35) Methylcyclohexane	6.066	83	24471	0.892	ug/L #	19
37) 1,2-Dichloropropane	6.066	63	10137	0.580	ug/L #	87
47) Tetrachloroethene	7.973	164	341904	24.256	ug/L	98
49) Dibromochloromethane	7.973	129	330892	22.462	ug/L #	10
61) 1,2,3-Trichloropropane	11.246	75	11443	1.347	ug/L #	64

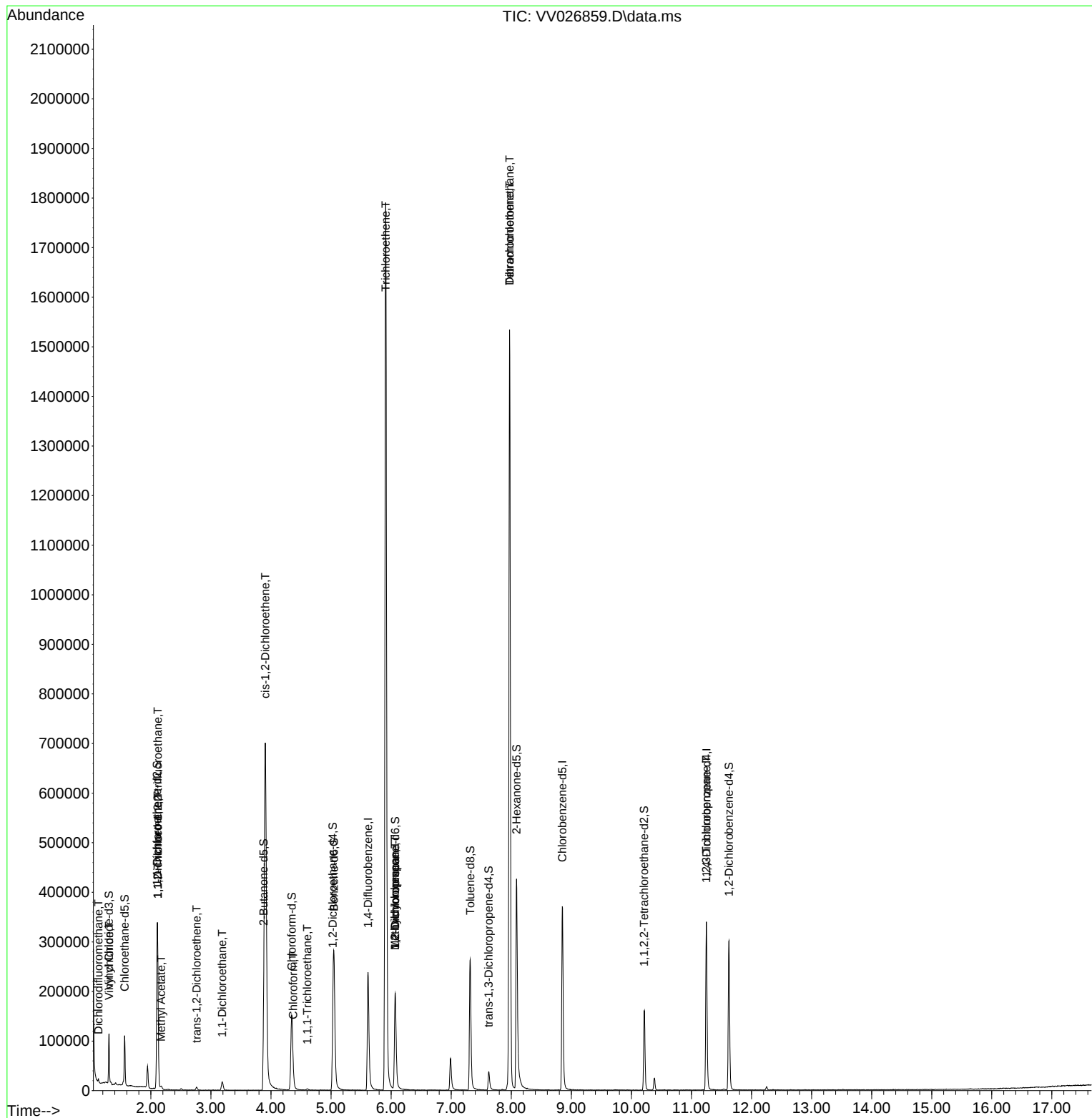
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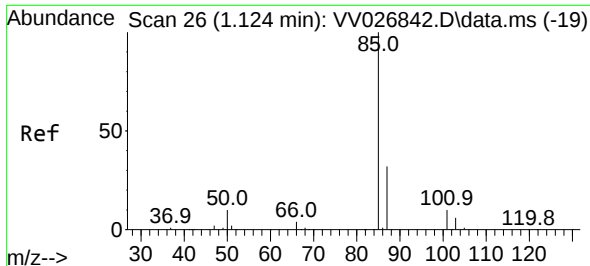
Instrument :
MSVOA_V
ClientSampleId :
GBHX2

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jul 21 01:47:16 2022
Response via : Initial Calibration

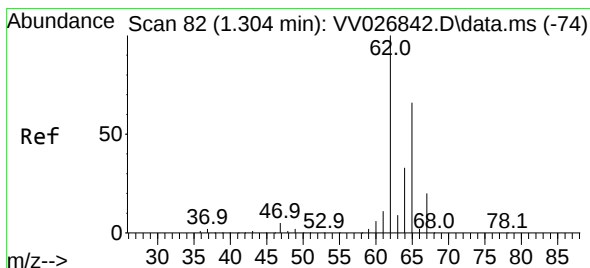
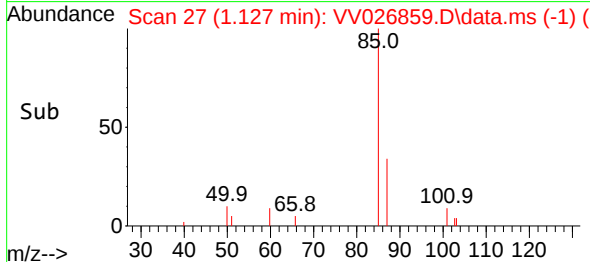
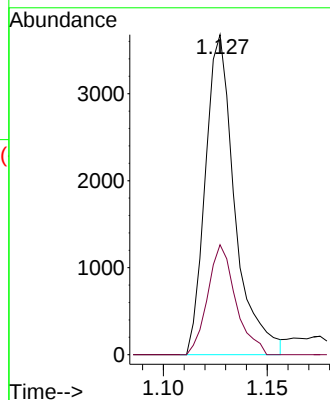
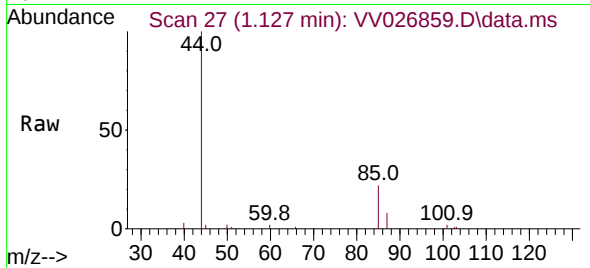




#2
 Dichlorodifluoromethane
 Concen: 0.134 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV026859.D
 Acq: 20 Jul 2022 19:36

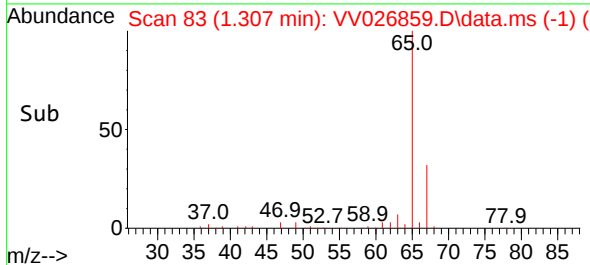
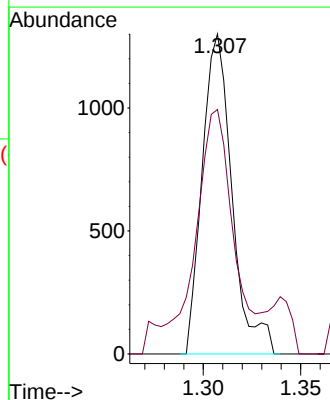
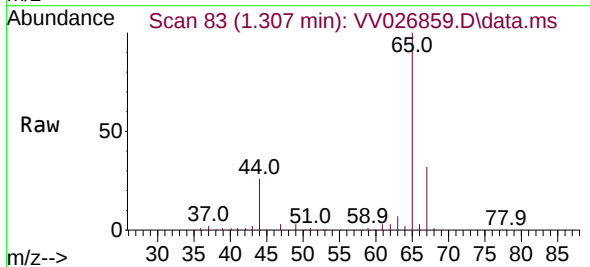
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 MSVOA_V
 ClientSampleId :
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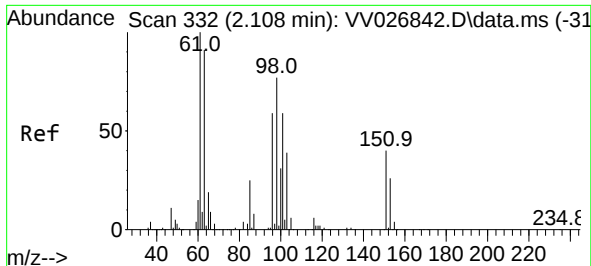
Tgt Ion: 85 Resp: 3622
 Ion Ratio Lower Upper
 85 100
 87 32.6 25.8 38.8



#5
 Vinyl chloride
 Concen: 0.052 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. 0.003 min
 Lab File: VV026859.D
 Acq: 20 Jul 2022 19:36

Tgt Ion: 62 Resp: 1382
 Ion Ratio Lower Upper
 62 100
 64 76.4 22.9 42.5#

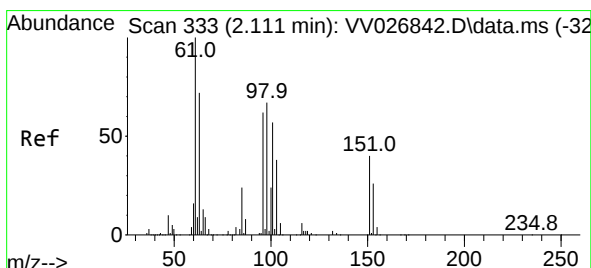
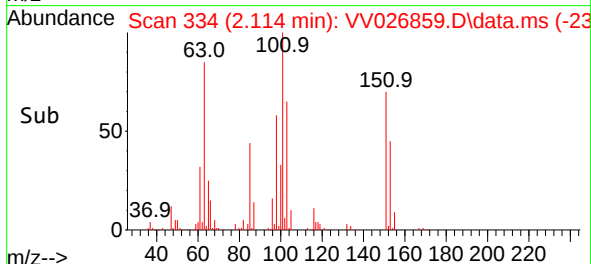
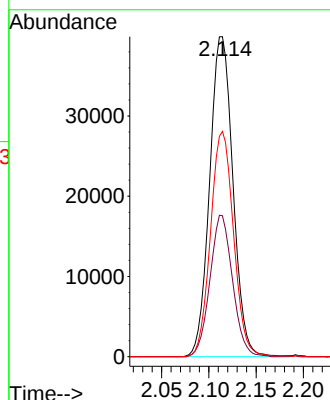
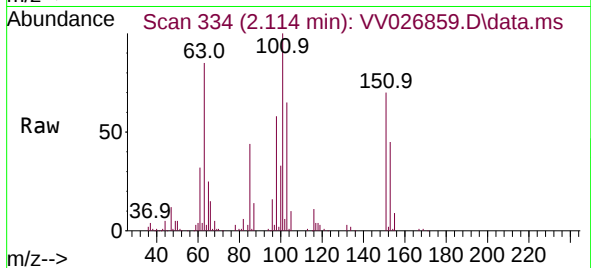




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 3.550 ug/L
RT: 2.114 min Scan# 31
Delta R.T. 0.006 min
Lab File: VV026859.D
Acq: 20 Jul 2022 19:36

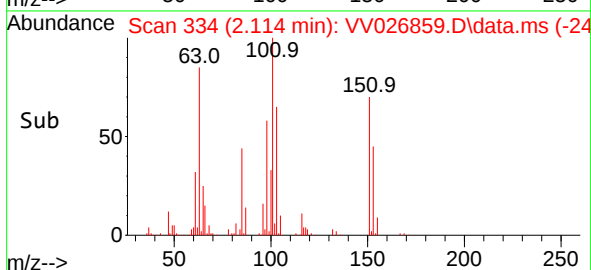
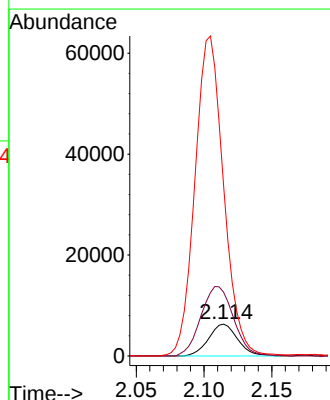
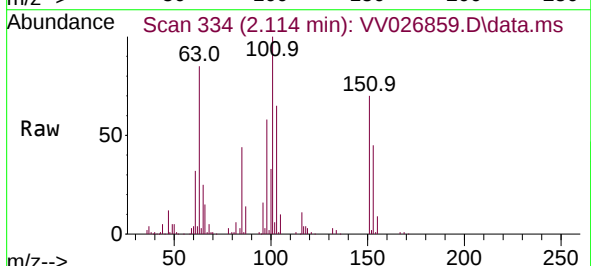
Instrument :
MSVOA_V
ClientSampleId :
GBHX2

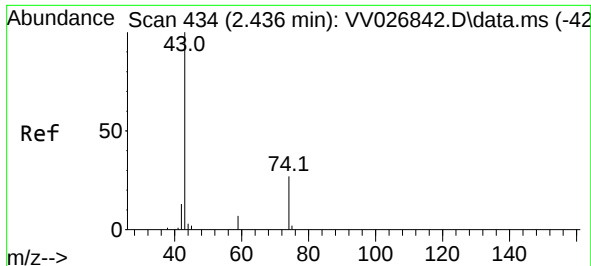
Tgt Ion:101 Resp: 68376
Ion Ratio Lower Upper
101 100
85 42.8 35.0 52.4
151 69.7 56.7 85.1



#12
1,1-Dichloroethene
Concen: 0.502 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.003 min
Lab File: VV026859.D
Acq: 20 Jul 2022 19:36

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#

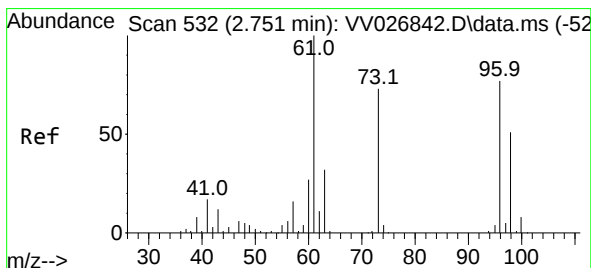
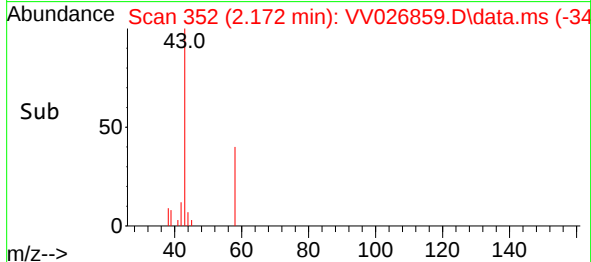
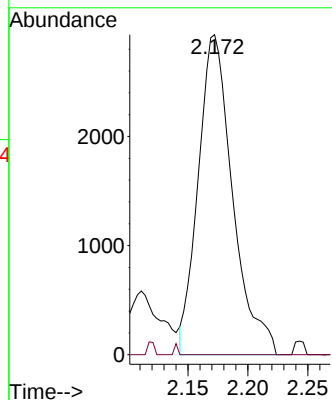
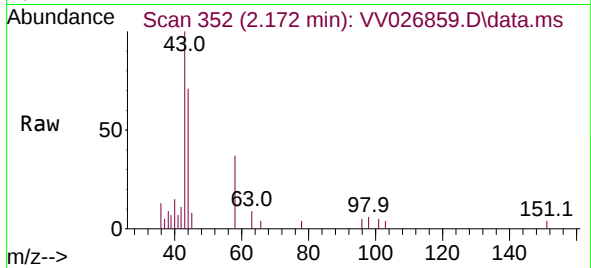




#15
Methyl Acetate
Concen: 1.136 ug/L
RT: 2.172 min Scan# 31
Delta R.T. -0.264 min
Lab File: VV026859.D
Acq: 20 Jul 2022 19:36

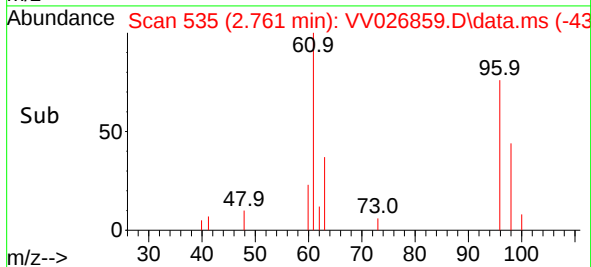
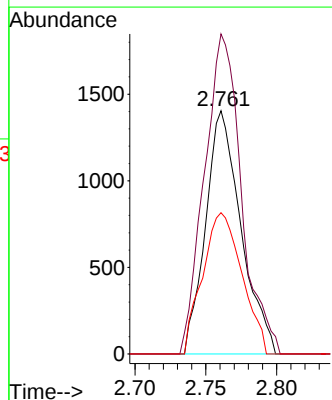
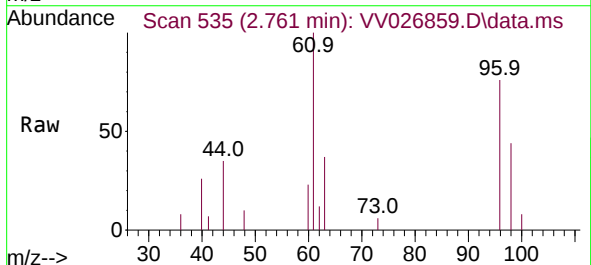
Instrument :
MSVOA_V
ClientSampleId :
GBHX2

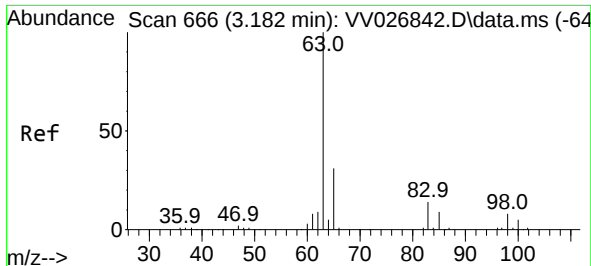
Tgt Ion: 43 Resp: 5863
Ion Ratio Lower Upper
43 100
74 0.0 20.1 30.1#



#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# 6

Delta R.T. 0.006 min

Lab File: VV026859.D

Acq: 20 Jul 2022 19:36

Instrument :

MSVOA_V

ClientSampleId :

GBHX2

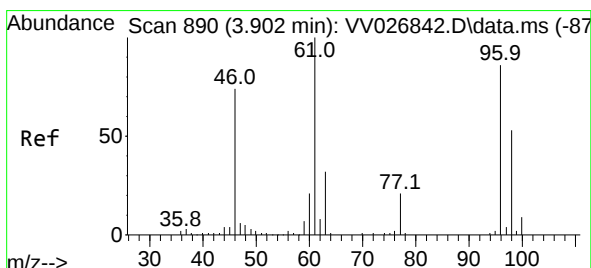
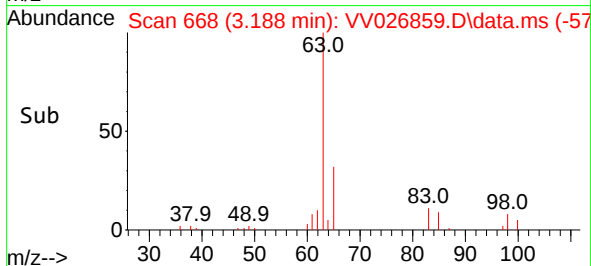
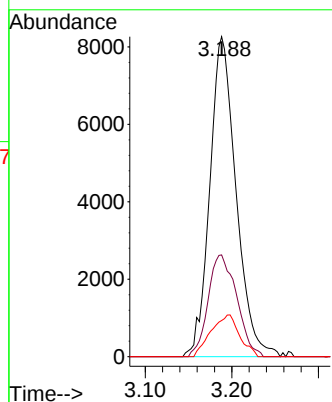
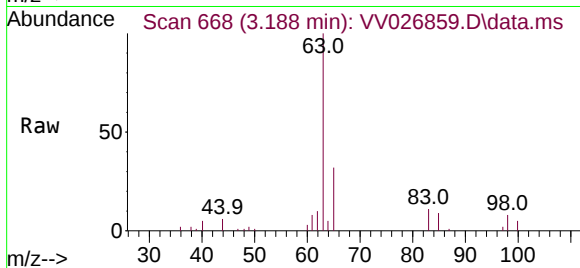
Tgt Ion: 63 Resp: 17410

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

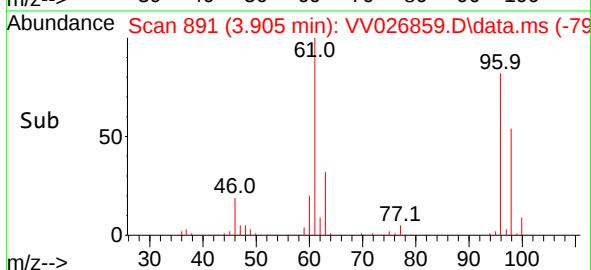
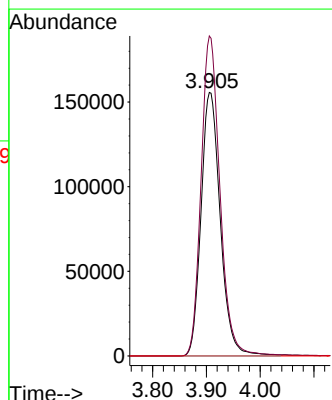
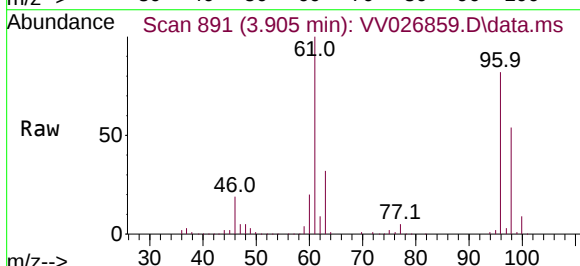
Tgt Ion: 96 Resp: 386994

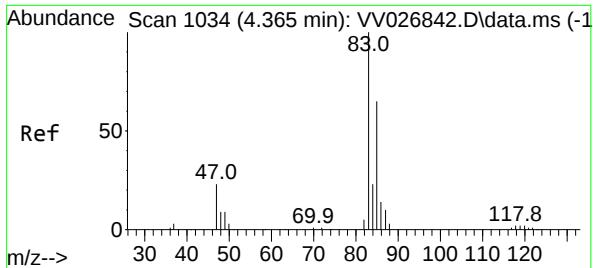
Ion Ratio Lower Upper

96 100

61 121.5 83.9 155.9

68 0.0 0.0 0.0

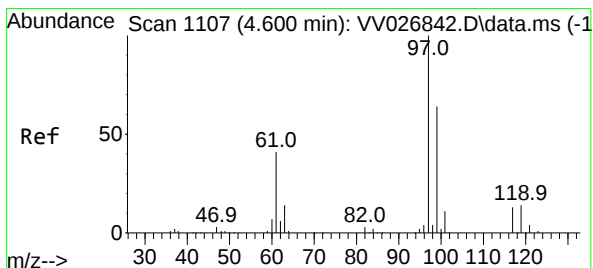
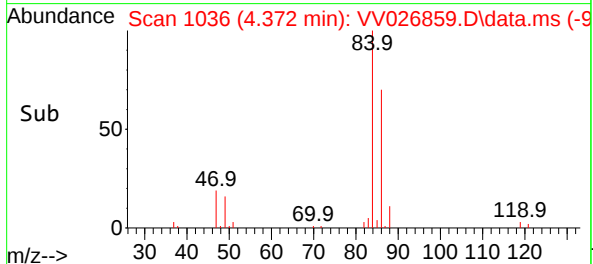
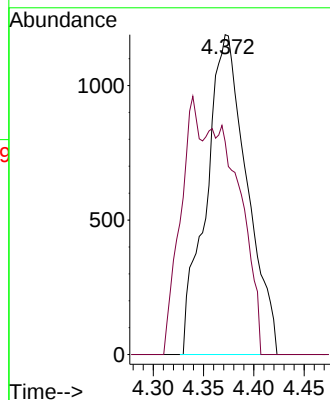
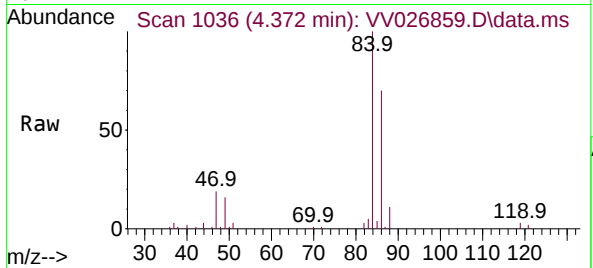




#25
Chloroform
Concen: 0.102 ug/L
RT: 4.372 min Scan# 1108
Delta R.T. 0.006 min
Lab File: VV026859.D
Acq: 20 Jul 2022 19:36

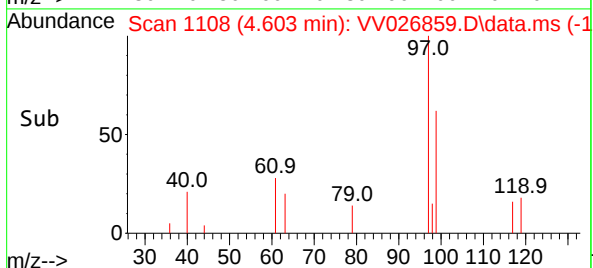
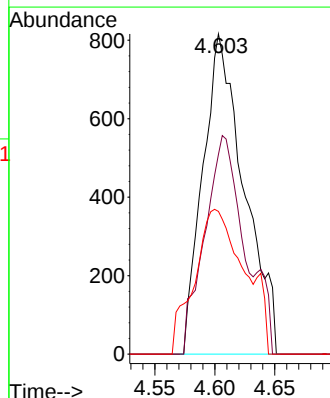
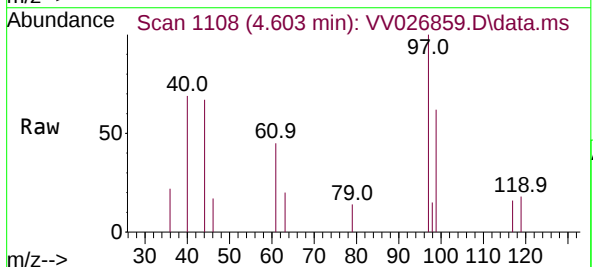
Instrument :
MSVOA_V
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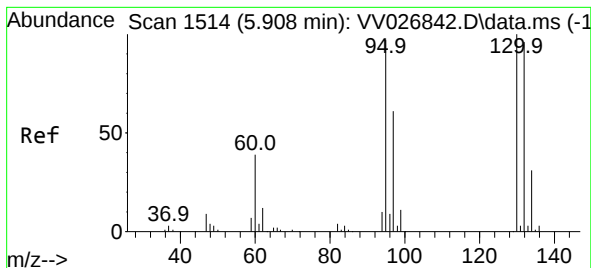
Tgt Ion: 83 Resp: 3344
Ion Ratio Lower Upper
83 100
85 66.5 45.7 84.9



#29
1,1,1-Trichloroethane
Concen: 0.066 ug/L
RT: 4.603 min Scan# 1108
Delta R.T. 0.003 min
Lab File: VV026859.D
Acq: 20 Jul 2022 19:36

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# 1

Delta R.T. 0.000 min

Lab File: VV026859.D

Acq: 20 Jul 2022 19:36

Instrument :

MSVOA_V

ClientSampleId :

GBHX2

Tgt Ion: 95 Resp: 639568

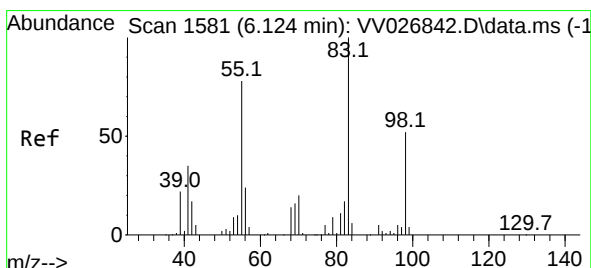
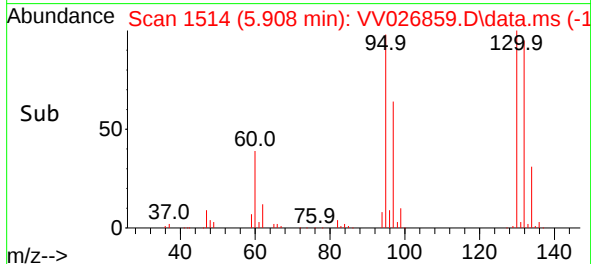
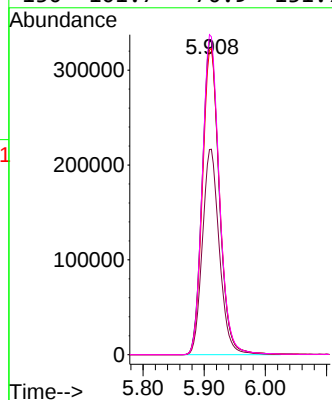
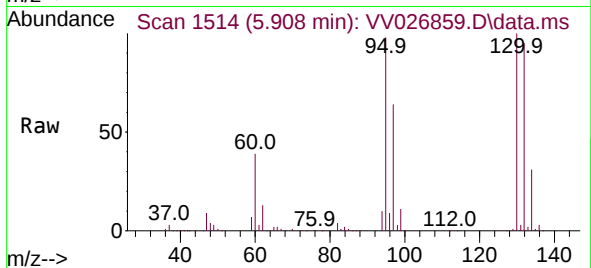
Ion Ratio Lower Upper

95 100

97 65.2 44.6 82.8

132 96.8 70.2 130.4

130 101.7 70.9 131.7



#35

Methylcyclohexane

Concen: 0.892 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.058 min

Lab File: VV026859.D

Acq: 20 Jul 2022 19:36

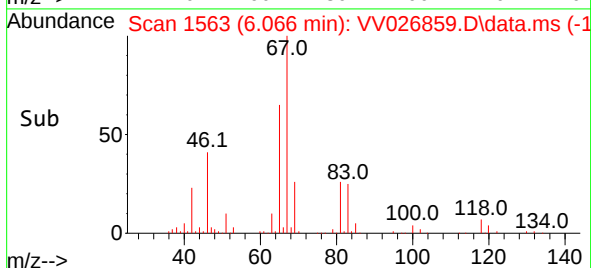
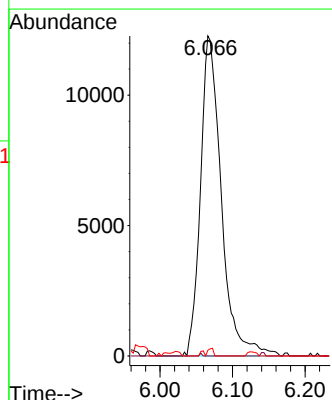
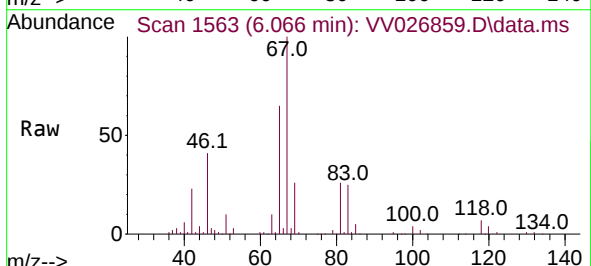
Tgt Ion: 83 Resp: 24471

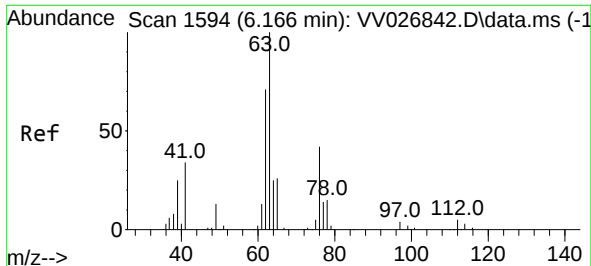
Ion Ratio Lower Upper

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55 0.1 59.5 89.3#

98 0.0 38.3 57.5#

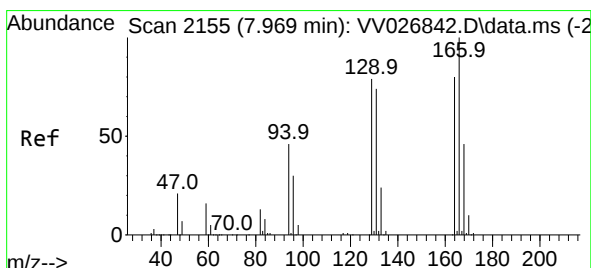
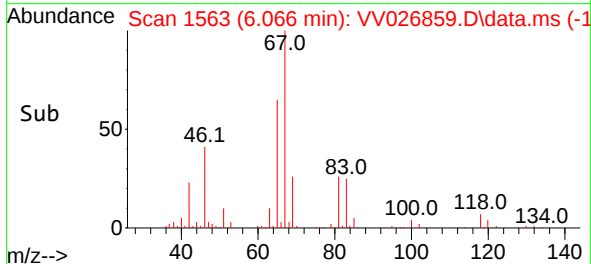
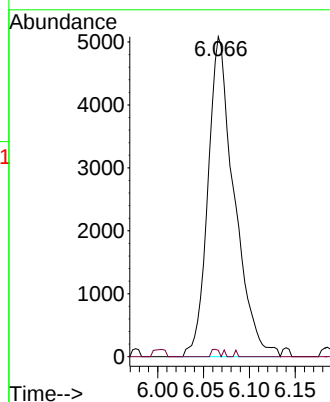
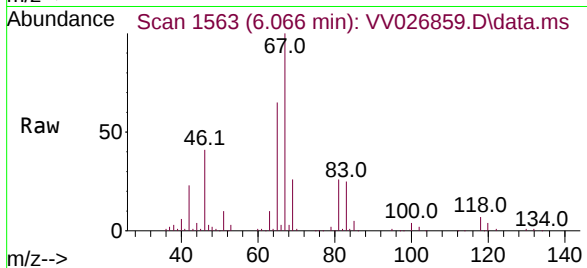




#37
1,2-Dichloropropane
Concen: 0.580 ug/L
RT: 6.066 min Scan# 11
Delta R.T. -0.100 min
Lab File: VV026859.D
Acq: 20 Jul 2022 19:36

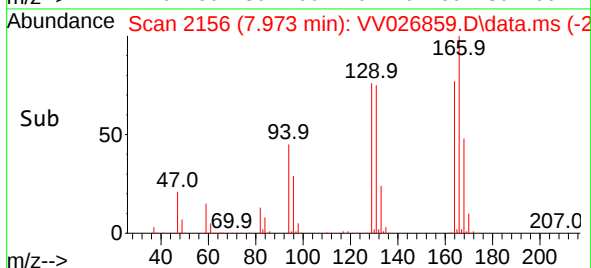
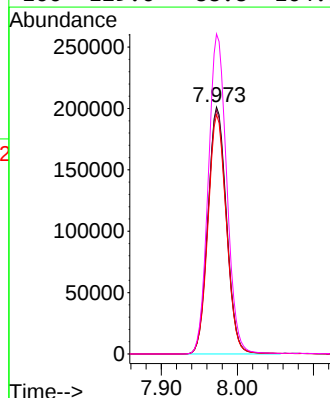
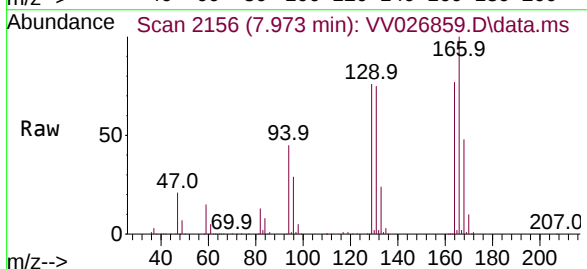
Instrument :
MSVOA_V
ClientSampleId :
GBHX2

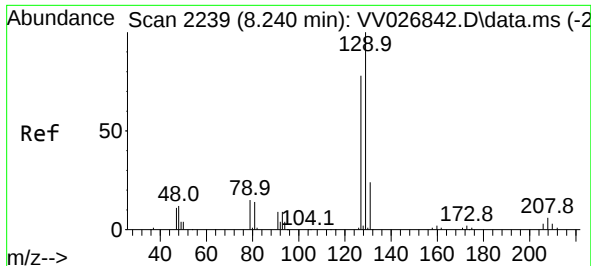
Tgt Ion: 63 Resp: 10137
Ion Ratio Lower Upper
63 100
112 0.8 4.2 6.2#



#47
Tetrachloroethene
Concen: 24.256 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.003 min
Lab File: VV026859.D
Acq: 20 Jul 2022 19:36

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





#49

Dibromochloromethane

Concen: 22.462 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.267 min

Lab File: VV026859.D

Acq: 20 Jul 2022 19:36

Instrument :

MSVOA_V

ClientSampleId :

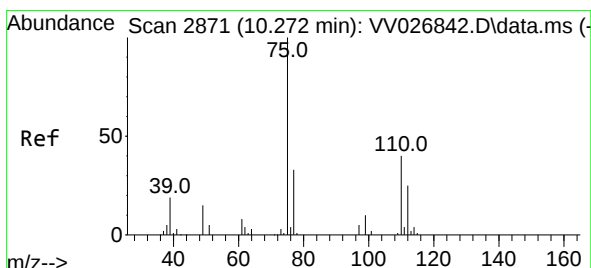
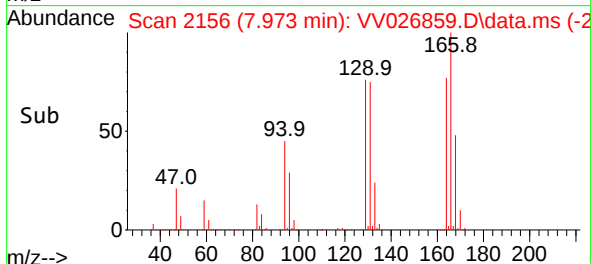
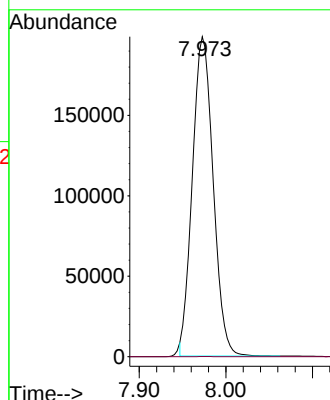
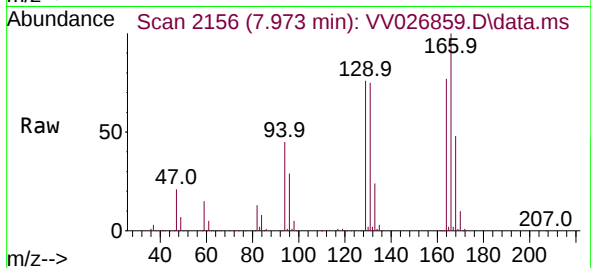
GBHX2

Tgt Ion:129 Resp: 330892

Ion Ratio Lower Upper

129 100

127 0.1 55.7 103.5#



#61

1,2,3-Trichloropropane

Concen: 1.347 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV026859.D

Acq: 20 Jul 2022 19:36

Tgt Ion: 75 Resp: 11443

Ion Ratio Lower Upper

75 100

77 29.0 25.4 38.0

110 2.1 31.8 47.6#

