

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072022\
 Data File : VW026853.D
 Acq On : 20 Jul 2022 16:46
 Operator : SY/MD
 Sample : N3802-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBHW9

Quant Time: Jul 21 01:51:25 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)

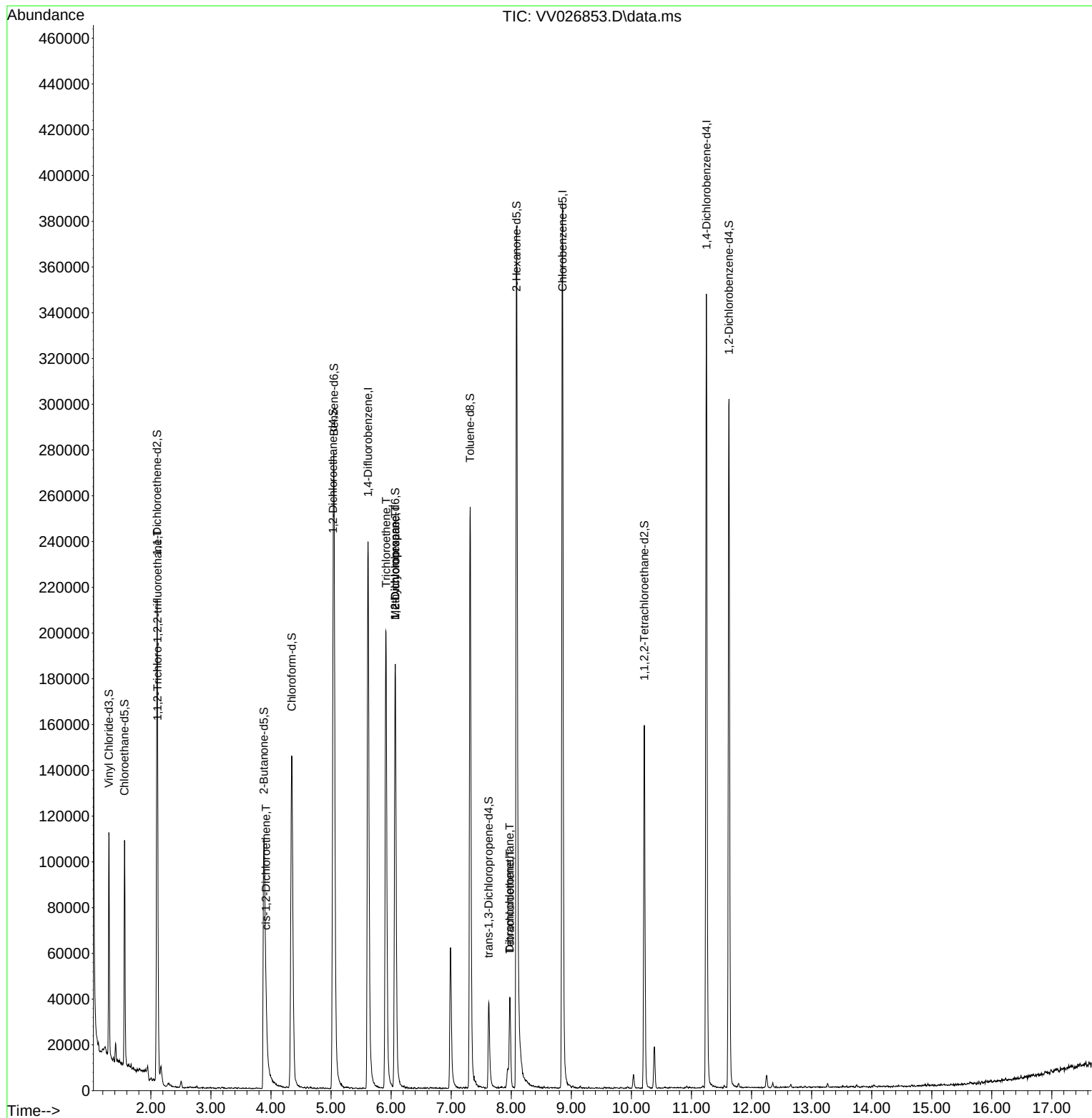
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	215663	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	227383	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	94966	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	63377	3.221	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.400%
7) Chloroethane-d5	1.561	69	65897	3.876	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.600%
11) 1,1-Dichloroethene-d2	2.105	63	87411	2.314	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	46.200%#
20) 2-Butanone-d5	3.883	46	186203	60.639	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.280%
24) Chloroform-d	4.346	84	160369	4.661	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
26) 1,2-Dichloroethane-d4	5.034	65	73862	4.915	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.200%
32) Benzene-d6	5.050	84	257652	3.729	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.600%
36) 1,2-Dichloropropane-d6	6.069	67	95309	4.601	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.000%
41) Toluene-d8	7.317	98	179762	2.931	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	58.600%#
43) trans-1,3-Dichloroprop...	7.625	79	23890	3.525	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.400%
46) 2-Hexanone-d5	8.088	63	138965	47.355	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.720%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	79754	4.942	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	80450	4.862	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.200%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	20318	1.042	ug/L	99
22) cis-1,2-Dichloroethene	3.915	96	2735	0.156	ug/L	88
34) Trichloroethene	5.915	95	72840	3.899	ug/L	98
35) Methylcyclohexane	6.069	83	24844	0.871	ug/L #	20
37) 1,2-Dichloropropane	6.069	63	9459	0.520	ug/L #	86
47) Tetrachloroethene	7.979	164	9354	0.638	ug/L	97
49) Dibromochloromethane	7.976	129	9405	0.614	ug/L #	10

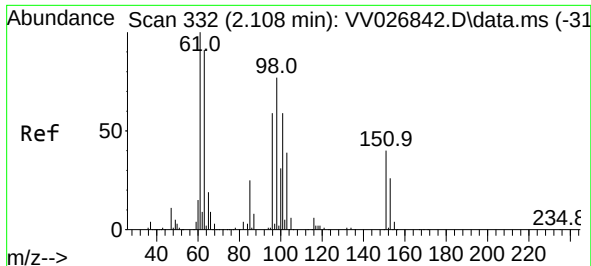
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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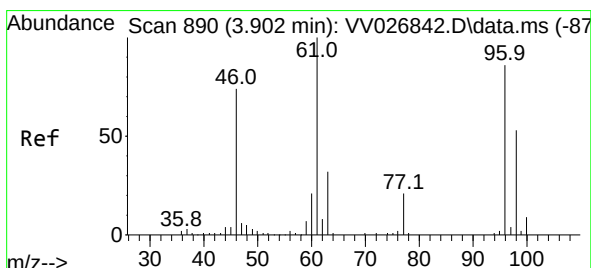
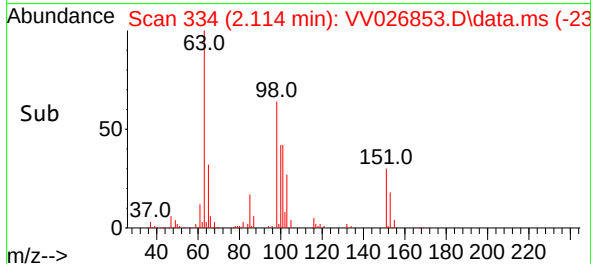
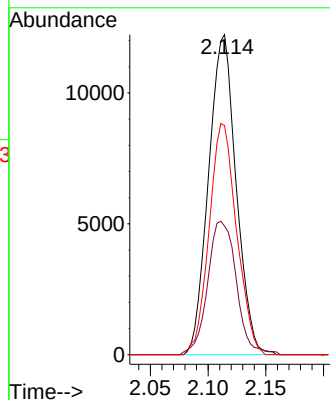
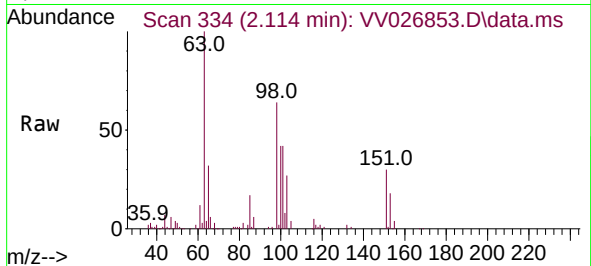




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.042 ug/L
RT: 2.114 min Scan# 31
Delta R.T. 0.006 min
Lab File: VV026853.D
Acq: 20 Jul 2022 16:46

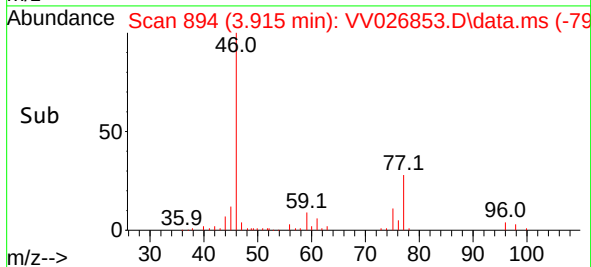
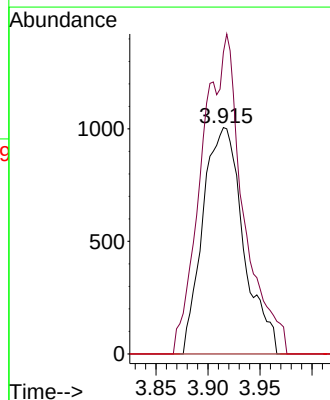
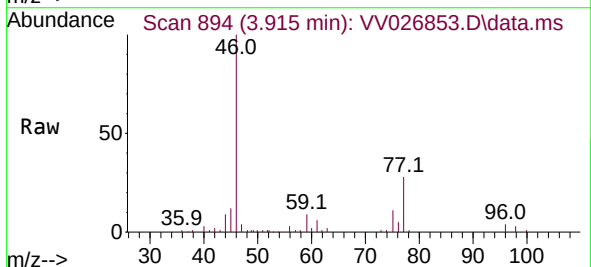
Instrument :
MSVOA_V
ClientSampleId :
GBHW9

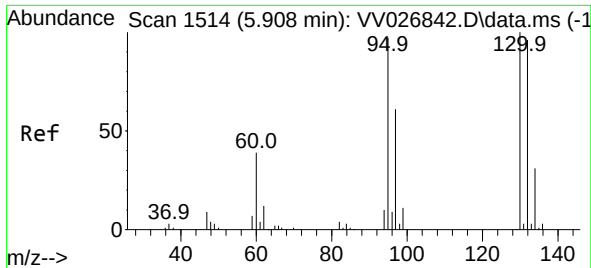
Tgt Ion:101 Resp: 20318
Ion Ratio Lower Upper
101 100
85 43.3 35.0 52.4
151 71.9 56.7 85.1



#22
cis-1,2-Dichloroethene
Concen: 0.156 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.013 min
Lab File: VV026853.D
Acq: 20 Jul 2022 16:46

Tgt Ion: 96 Resp: 2735
Ion Ratio Lower Upper
96 100
61 133.2 83.9 155.9
68 0.0 0.0 0.0



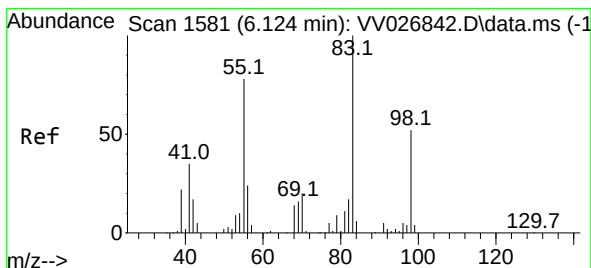
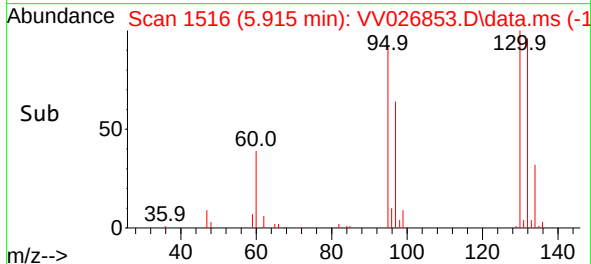
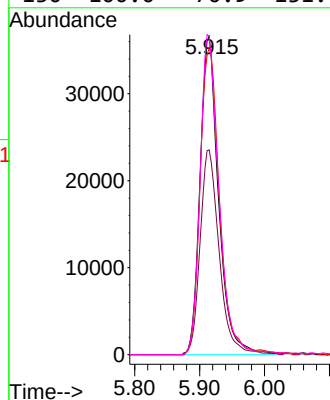
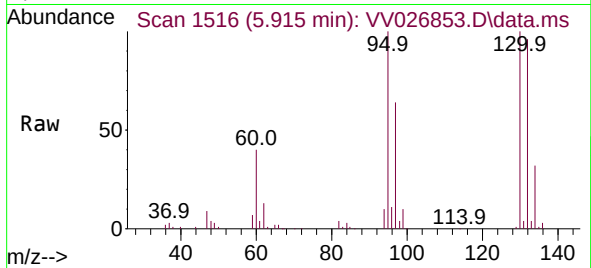


#34
Trichloroethene
Concen: 3.899 ug/L
RT: 5.915 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV026853.D
Acq: 20 Jul 2022 16:46

Instrument :
MSVOA_V
ClientSampleId :
GBHW9

Tgt Ion: 95 Resp: 72840

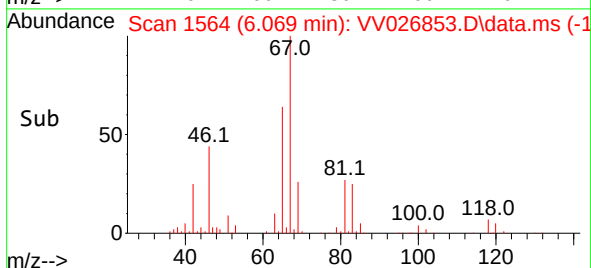
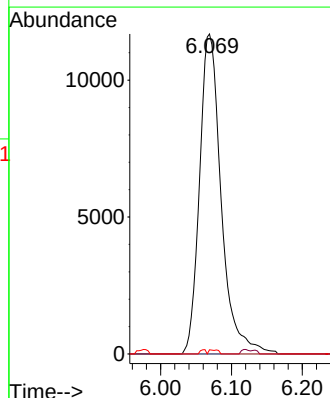
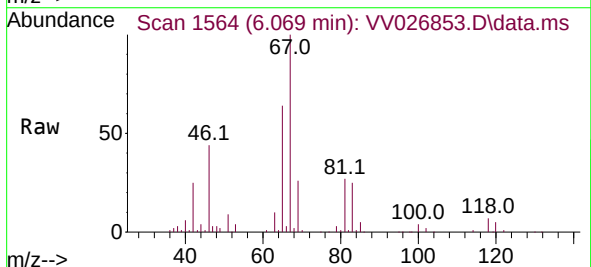
Ion	Ratio	Lower	Upper
95	100		
97	64.3	44.6	82.8
132	96.3	70.2	130.4
130	100.0	70.9	131.7

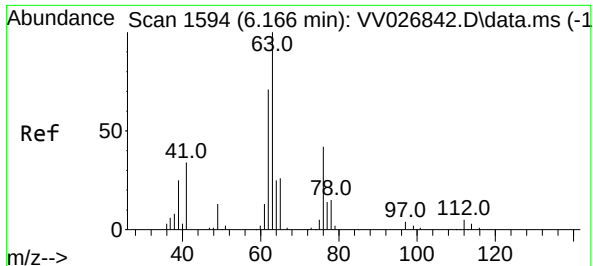


#35
Methylcyclohexane
Concen: 0.871 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.055 min
Lab File: VV026853.D
Acq: 20 Jul 2022 16:46

Tgt Ion: 83 Resp: 24844

Ion	Ratio	Lower	Upper
83	100		
55	0.5	59.5	89.3#
98	0.5	38.3	57.5#





#37

1,2-Dichloropropane

Concen: 0.520 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.097 min

Lab File: VV026853.D

Acq: 20 Jul 2022 16:46

Instrument :

MSVOA_V

ClientSampleId :

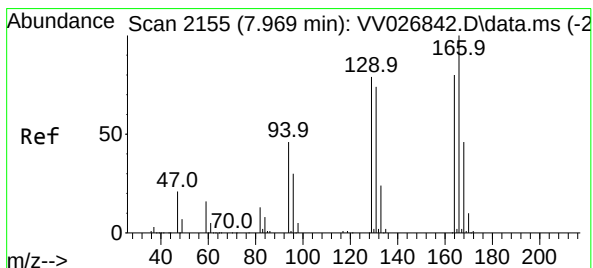
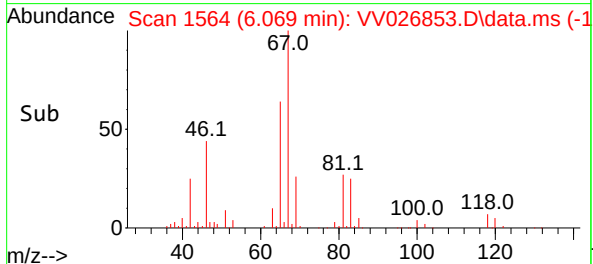
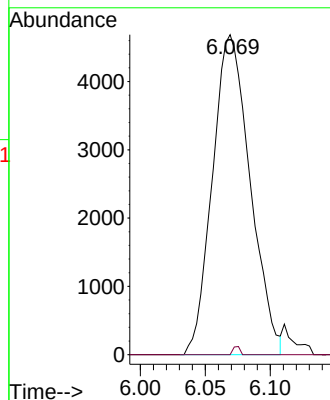
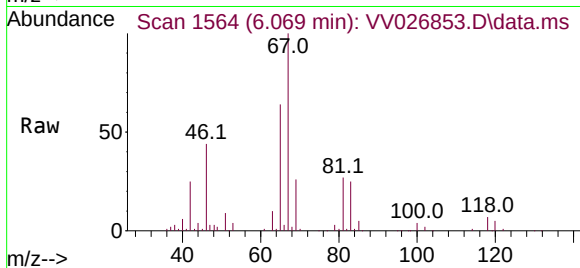
GBHW9

Tgt Ion: 63 Resp: 9459

Ion Ratio Lower Upper

63 100

112 0.5 4.2 6.2#



#47

Tetrachloroethene

Concen: 0.638 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.009 min

Lab File: VV026853.D

Acq: 20 Jul 2022 16:46

Tgt Ion: 164 Resp: 9354

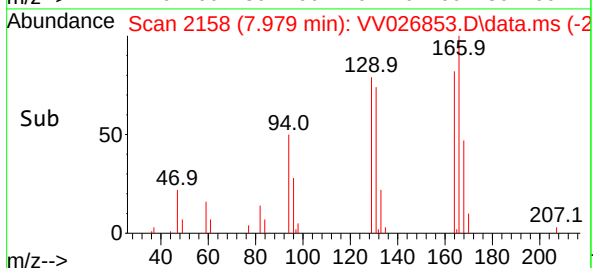
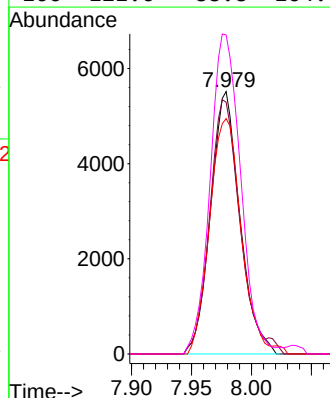
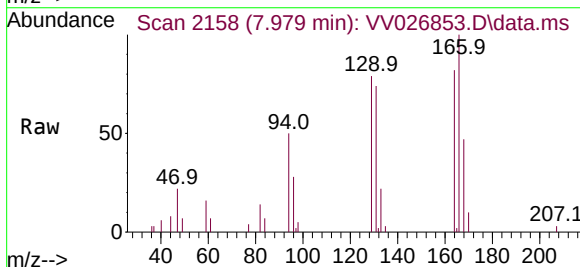
Ion Ratio Lower Upper

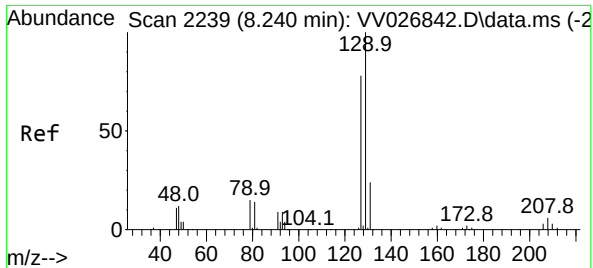
164 100

129 96.0 67.8 125.8

131 89.7 65.9 122.5

166 121.6 88.8 164.8





#49
 Dibromochloromethane
 Concen: 0.614 ug/L
 RT: 7.976 min Scan# 21
 Delta R.T. -0.264 min
 Lab File: VV026853.D
 Acq: 20 Jul 2022 16:46

Instrument :
 MSVOA_V
 ClientSampleId :
 GBHW9

Tgt Ion:129 Resp: 9405
 Ion Ratio Lower Upper
 129 100
 127 0.0 55.7 103.5#

