

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061522\
 Data File : VW026303.D
 Acq On : 16 Jun 2022 01:44
 Operator : SY/MD
 Sample : N3274-08 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B98

Quant Time: Jun 16 06:57:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jun 16 04:34:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	206509	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	192905	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	80911	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	80320	4.478	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.600%
7) Chloroethane-d5	1.581	69	64648	4.584	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.600%
11) 1,1-Dichloroethene-d2	2.118	63	114324	3.712	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.200%
20) 2-Butanone-d5	3.925	46	100233	57.269	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.540%
24) Chloroform-d	4.362	84	133977	5.096	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.000%
26) 1,2-Dichloroethane-d4	5.040	65	55799	5.017	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
32) Benzene-d6	5.060	84	262292	5.086	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.800%
36) 1,2-Dichloropropane-d6	6.076	67	80733	5.364	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.200%
41) Toluene-d8	7.320	98	214026	4.551	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.000%
43) trans-1,3-Dichloroprop...	7.629	79	19751	4.047	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.000%
46) 2-Hexanone-d5	8.095	63	77274	52.411	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.820%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	47220	5.093	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	67526	5.418	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.253	50	1521	0.089	ug/L	87
6) Bromomethane	1.536	94	1600	0.161	ug/L	94
9) Trichlorofluoromethane	1.764	101	17521	0.712	ug/L	100
13) Acetone	2.211	43	19296	14.226	ug/L	88
15) Methyl Acetate	2.638	43	820	0.252	ug/L #	48
16) Methylene chloride	2.519	84	6029	0.362	ug/L	94
22) cis-1,2-Dichloroethene	3.937	96	822	0.064	ug/L #	23
25) Chloroform	4.394	83	2071	0.079	ug/L	85
27) 1,2-Dichloroethane	5.056	62	1326	0.111	ug/L #	71
34) Trichloroethene	5.921	95	36389	2.695	ug/L	99
35) Methylcyclohexane	6.079	83	19174	1.027	ug/L #	20
37) 1,2-Dichloropropane	6.076	63	8318	0.643	ug/L #	88
45) 1,1,2-Trichloroethane	7.973	97	669	0.079	ug/L #	1
47) Tetrachloroethene	7.976	164	76449	7.644	ug/L	99
49) Dibromochloromethane	7.976	129	70450	7.493	ug/L #	9
61) 1,2,3-Trichloropropane	11.249	75	8821	1.680	ug/L #	64

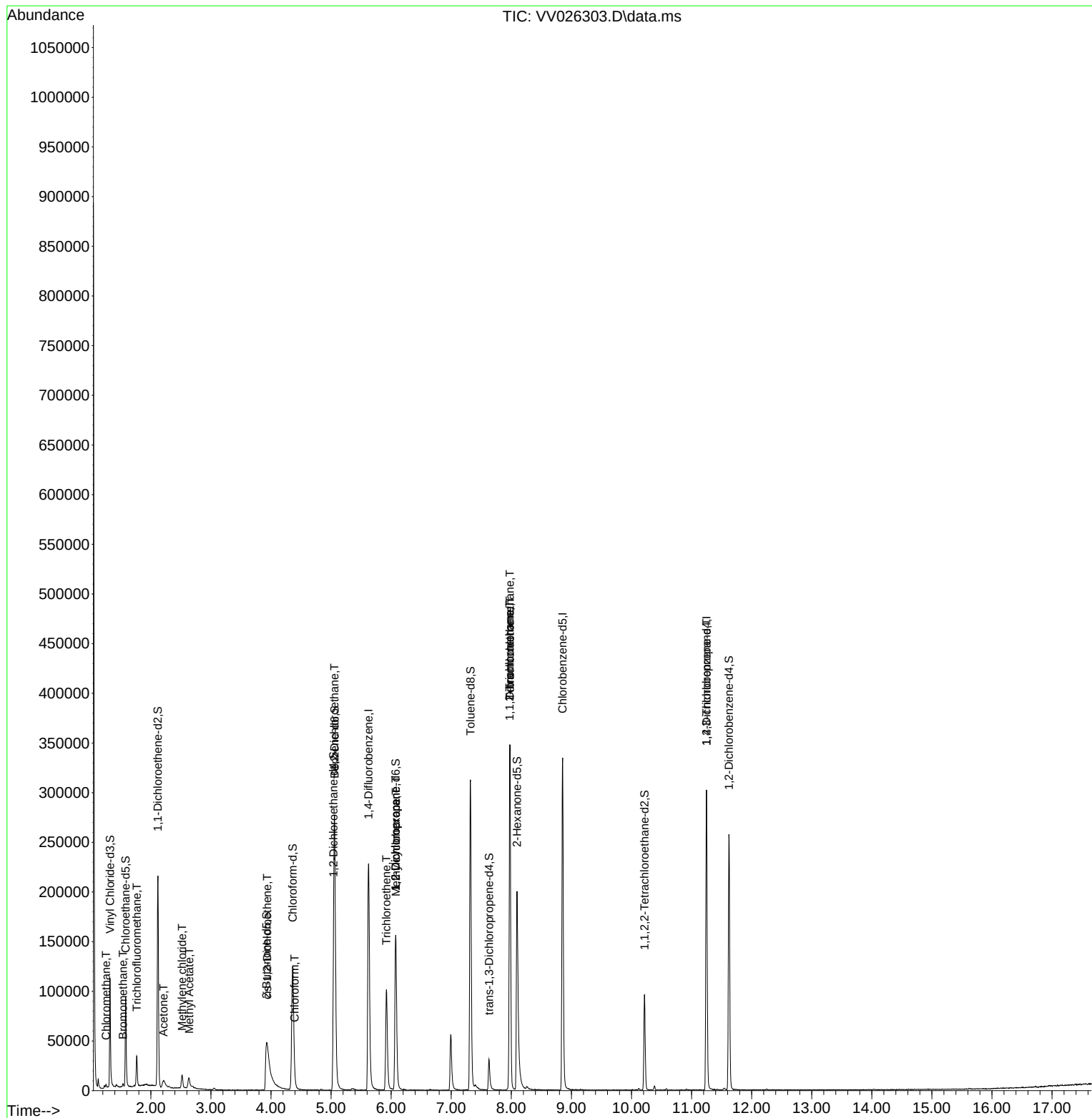
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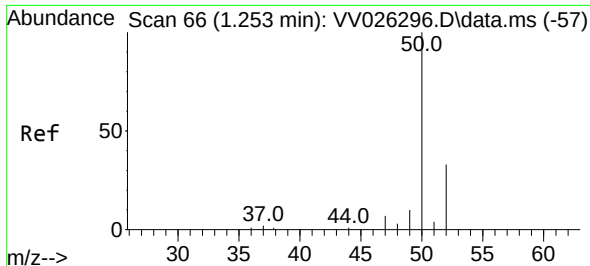
Instrument :
MSVOA_V
ClientSampleId :
C0B98

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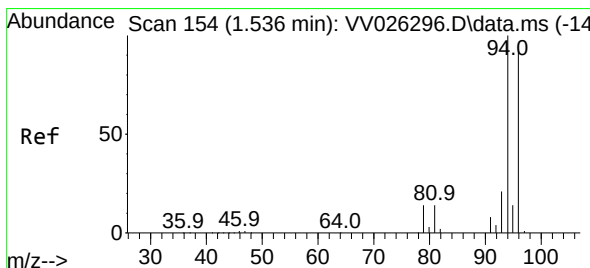
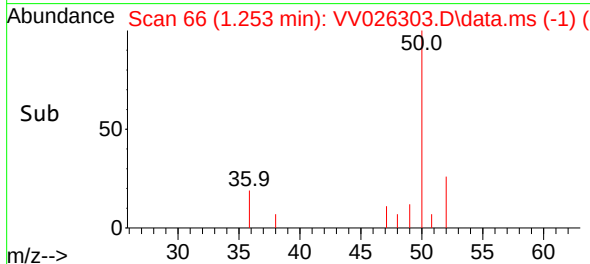
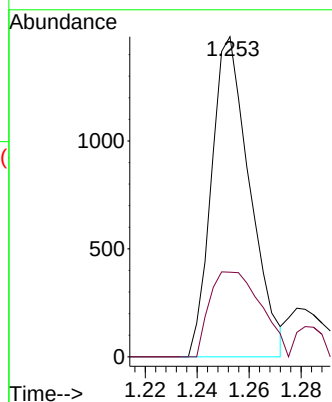
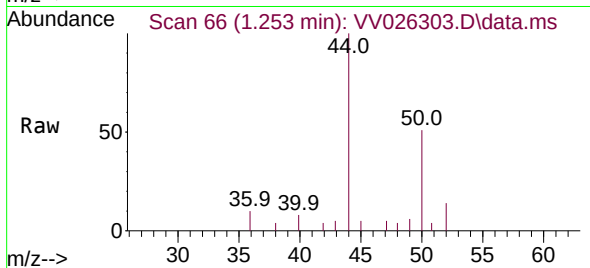




#3
Chloromethane
Concen: 0.089 ug/L
RT: 1.253 min Scan# 66
Delta R.T. 0.000 min
Lab File: VV026303.D
Acq: 16 Jun 2022 01:44

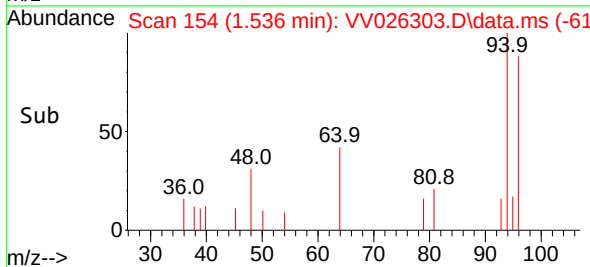
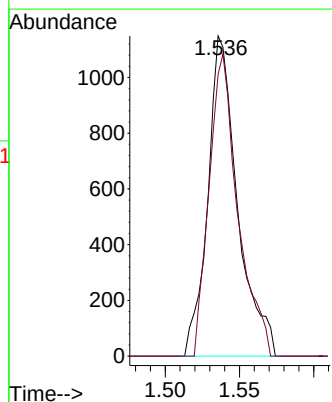
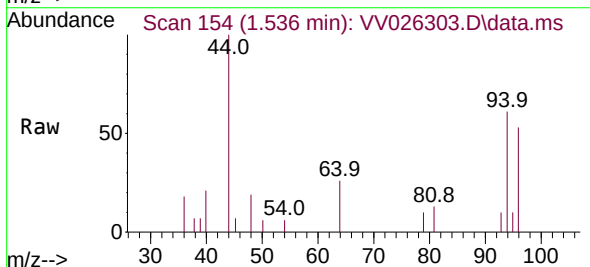
Instrument :
MSVOA_V
ClientSampleId :
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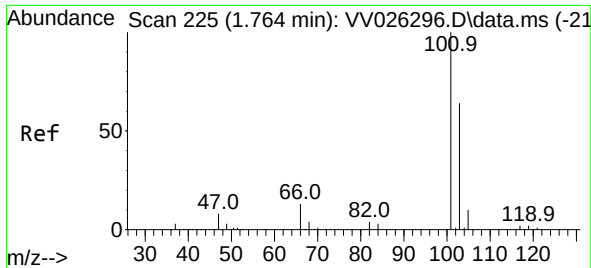
Tgt Ion: 50 Resp: 1521
Ion Ratio Lower Upper
50 100
52 26.4 23.7 44.1



#6
Bromomethane
Concen: 0.161 ug/L
RT: 1.536 min Scan# 154
Delta R.T. 0.000 min
Lab File: VV026303.D
Acq: 16 Jun 2022 01:44

Tgt Ion: 94 Resp: 1600
Ion Ratio Lower Upper
94 100
96 88.0 65.7 121.9

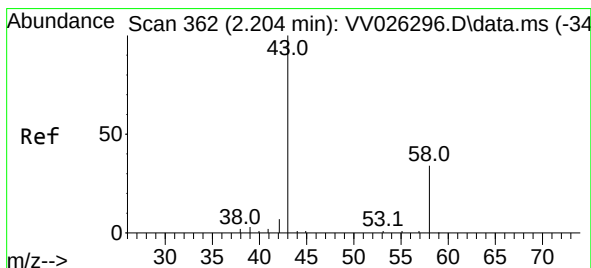
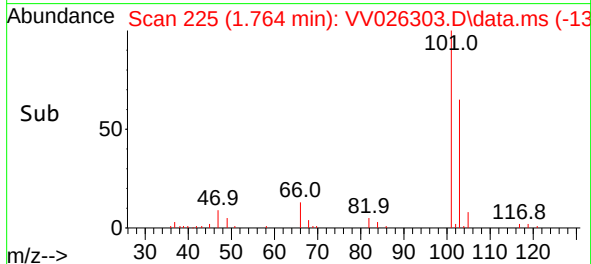
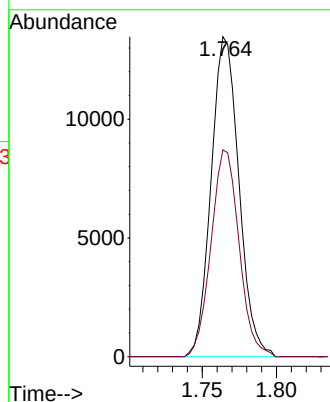
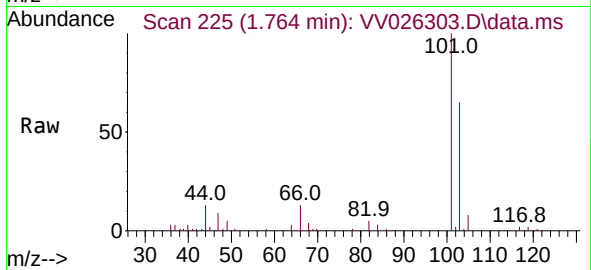




#9
 Trichlorofluoromethane
 Concen: 0.712 ug/L
 RT: 1.764 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV026303.D
 Acq: 16 Jun 2022 01:44

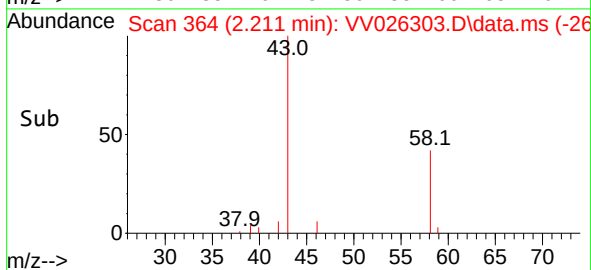
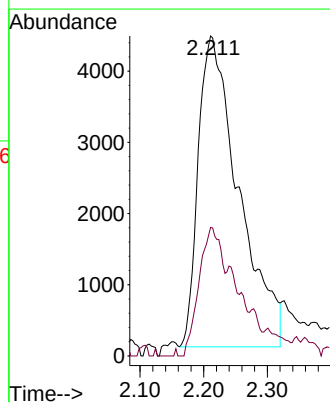
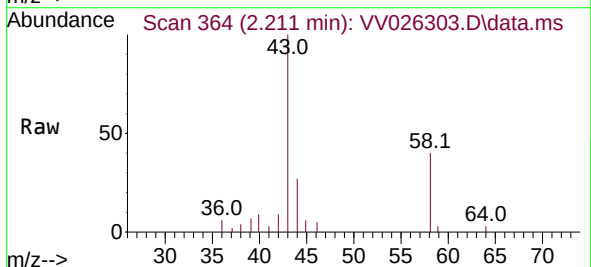
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 ClientSampleId :
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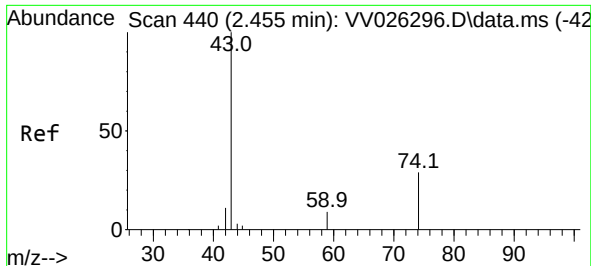
Tgt Ion:101 Resp: 17521
 Ion Ratio Lower Upper
 101 100
 103 65.4 52.3 78.5



#13
 Acetone
 Concen: 14.226 ug/L
 RT: 2.211 min Scan# 364
 Delta R.T. 0.006 min
 Lab File: VV026303.D
 Acq: 16 Jun 2022 01:44

Tgt Ion: 43 Resp: 19296
 Ion Ratio Lower Upper
 43 100
 58 23.4 0.0 60.0

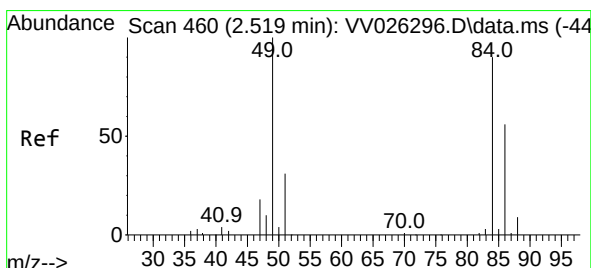
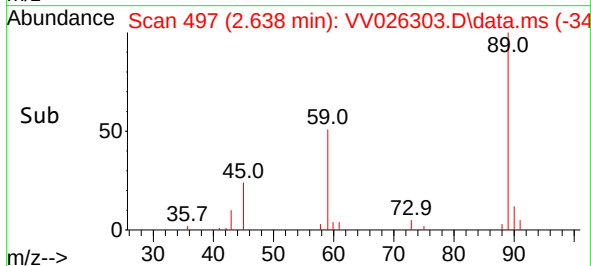
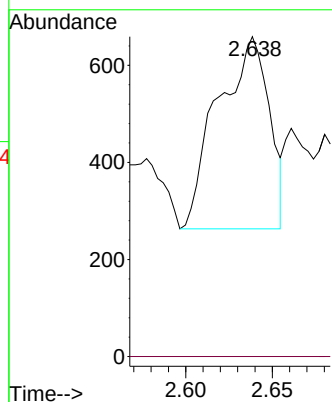
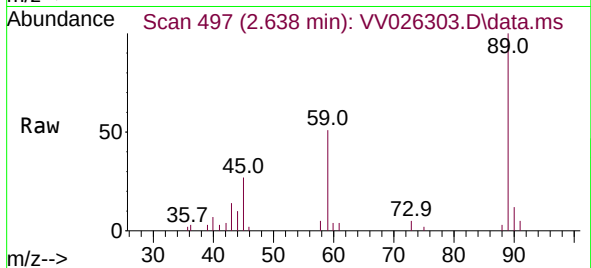




#15
Methyl Acetate
Concen: 0.252 ug/L
RT: 2.638 min Scan# 497
Delta R.T. 0.183 min
Lab File: VV026303.D
Acq: 16 Jun 2022 01:44

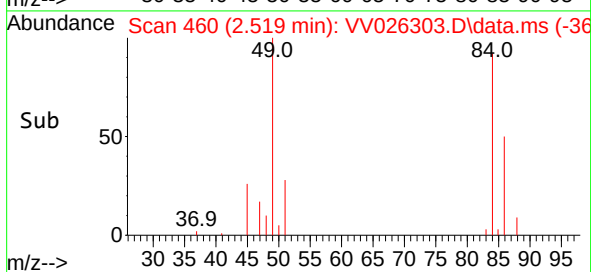
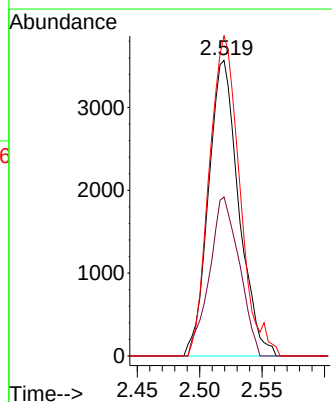
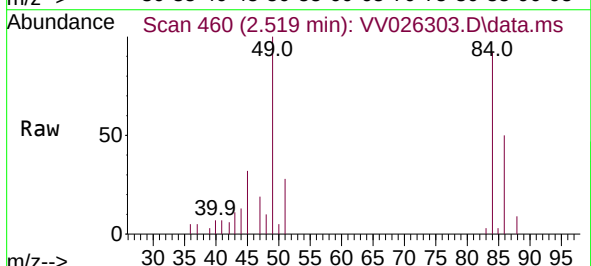
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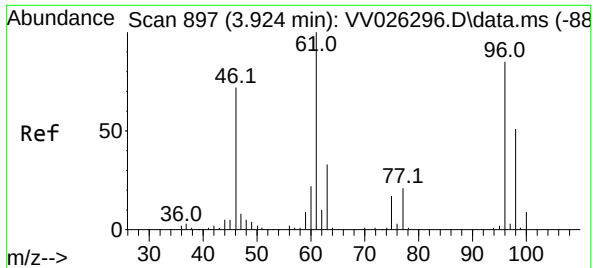
Tgt Ion: 43 Resp: 820
Ion Ratio Lower Upper
43 100
74 0.0 21.4 32.0#



#16
Methylene chloride
Concen: 0.362 ug/L
RT: 2.519 min Scan# 460
Delta R.T. 0.000 min
Lab File: VV026303.D
Acq: 16 Jun 2022 01:44

Tgt Ion: 84 Resp: 6029
Ion Ratio Lower Upper
84 100
86 53.8 44.0 81.8
49 108.3 77.3 143.7





#22

cis-1,2-Dichloroethene

Concen: 0.064 ug/L

RT: 3.937 min Scan# 901

Delta R.T. 0.013 min

Lab File: VV026303.D

Acq: 16 Jun 2022 01:44

Instrument :

MSVOA_V

ClientSampleId :

C0B98

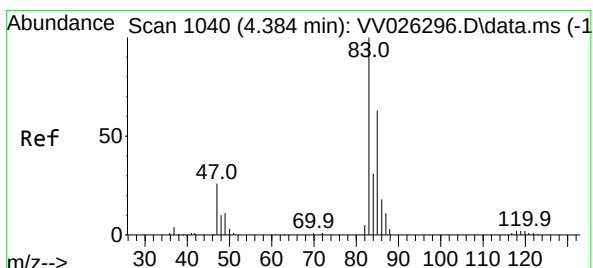
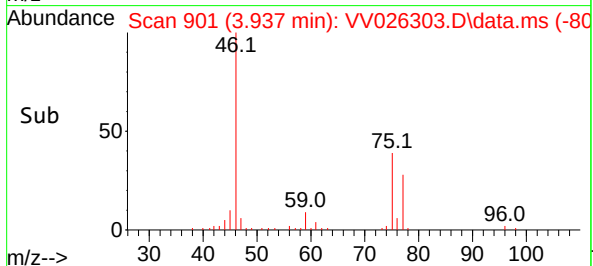
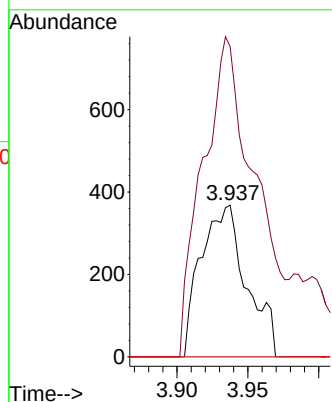
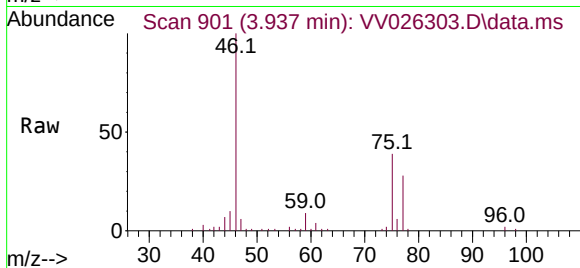
Tgt Ion: 96 Resp: 822

Ion Ratio Lower Upper

96 100

61 204.6 83.6 155.2#

68 0.0 0.0 0.0



#25

Chloroform

Concen: 0.079 ug/L

RT: 4.394 min Scan# 1043

Delta R.T. 0.010 min

Lab File: VV026303.D

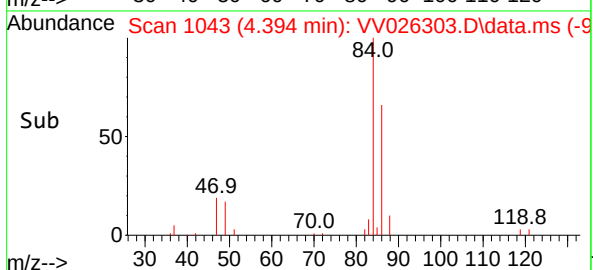
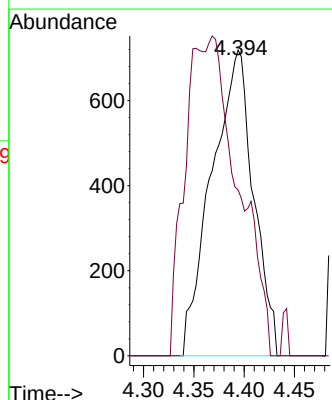
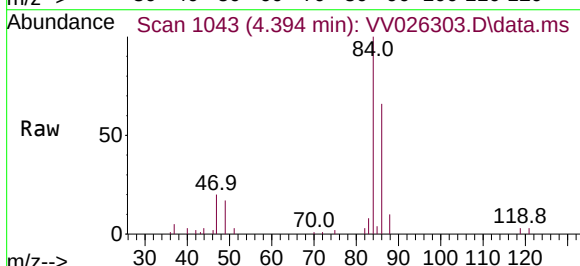
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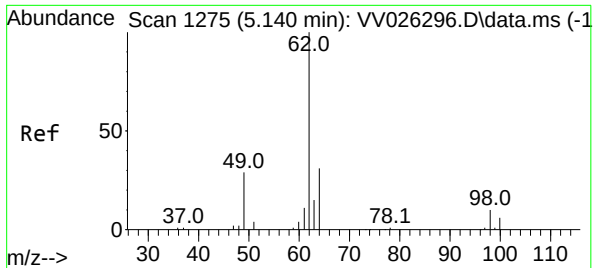
Tgt Ion: 83 Resp: 2071

Ion Ratio Lower Upper

83 100

85 54.2 46.5 86.3

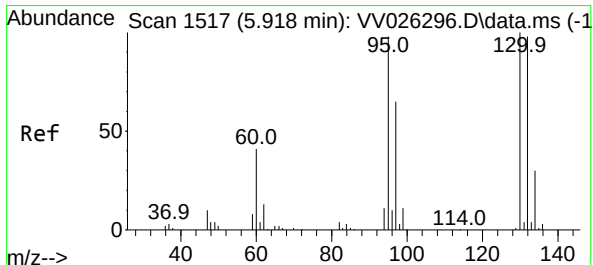
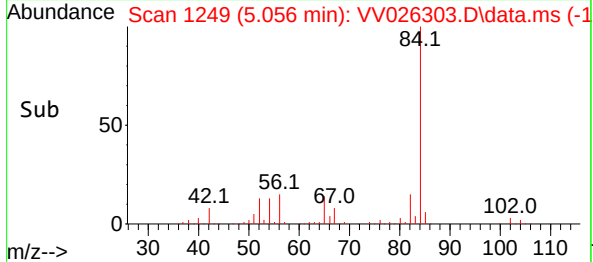
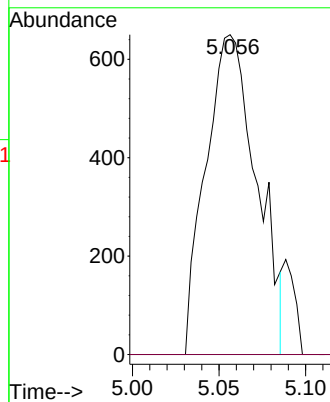
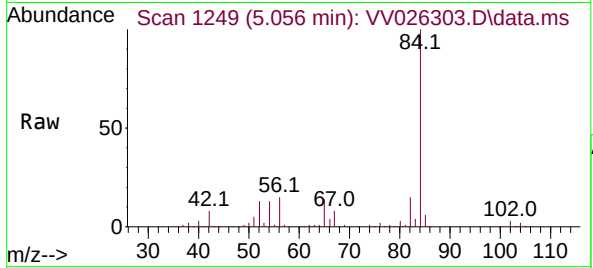




#27
1,2-Dichloroethane
Concen: 0.111 ug/L
RT: 5.056 min Scan# 11
Delta R.T. -0.084 min
Lab File: VV026303.D
Acq: 16 Jun 2022 01:44

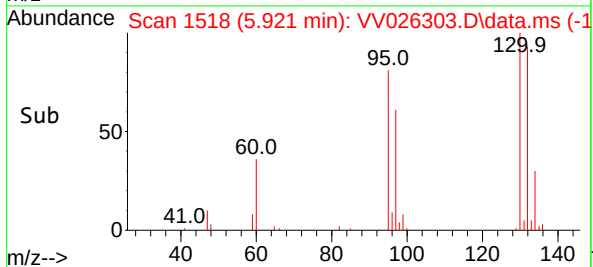
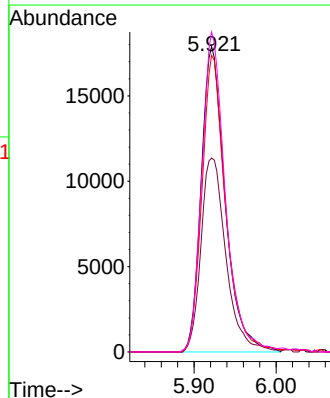
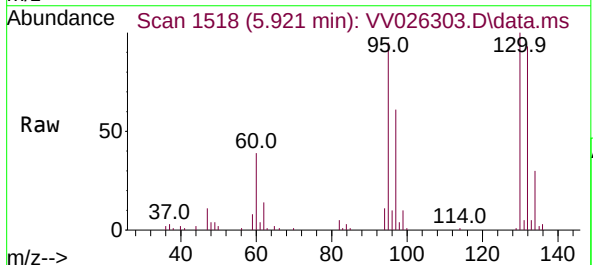
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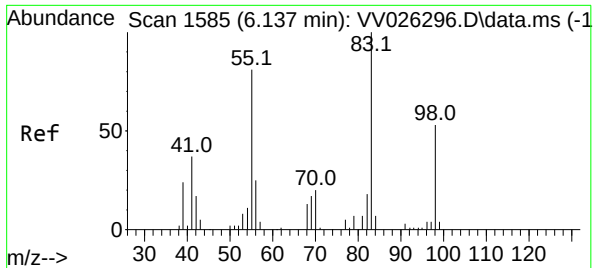
Tgt Ion: 62 Resp: 1326
Ion Ratio Lower Upper
62 100
98 0.0 8.6 13.0#



#34
Trichloroethene
Concen: 2.695 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.003 min
Lab File: VV026303.D
Acq: 16 Jun 2022 01:44

Tgt Ion: 95 Resp: 36389
Ion Ratio Lower Upper
95 100
97 63.5 46.5 86.3
132 97.2 68.8 127.8
130 104.8 73.6 136.6

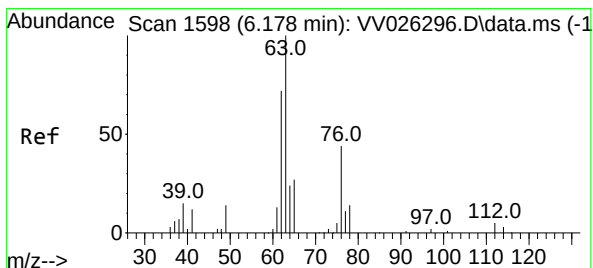
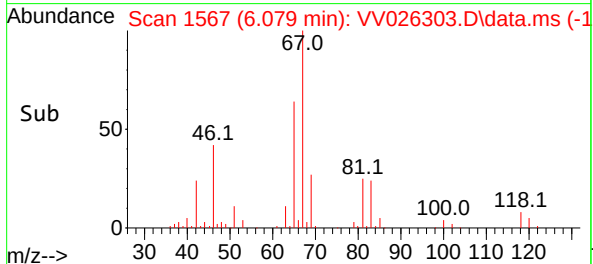
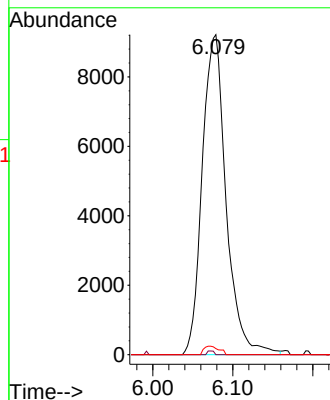
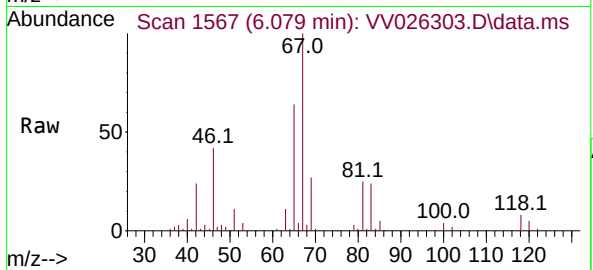




#35
Methylcyclohexane
Concen: 1.027 ug/L
RT: 6.079 min Scan# 1567
Delta R.T. -0.058 min
Lab File: VV026303.D
Acq: 16 Jun 2022 01:44

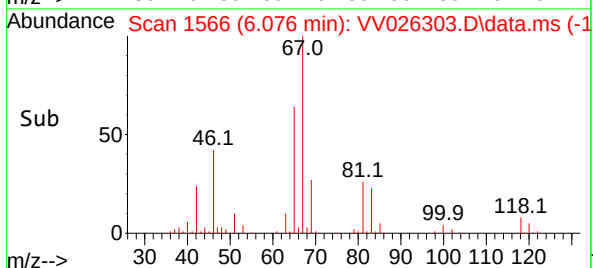
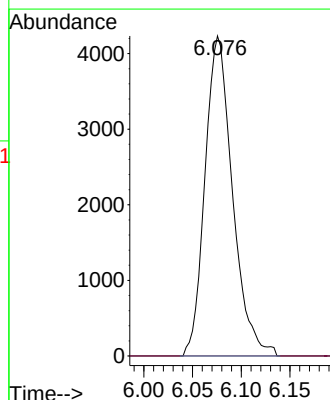
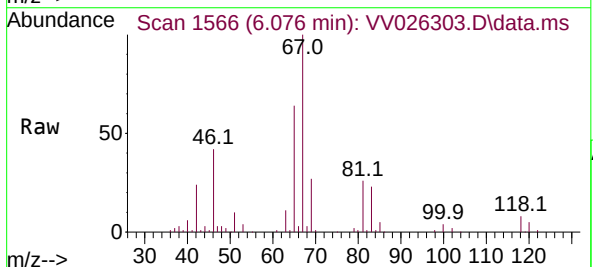
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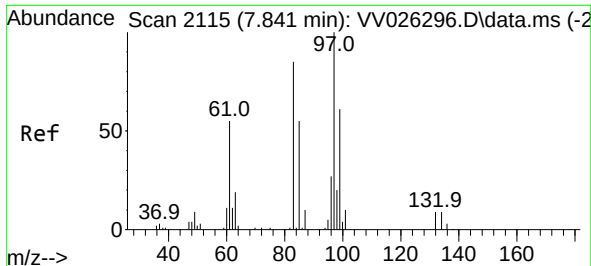
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.3	59.3	88.9#
98	1.7	39.9	59.9#



#37
1,2-Dichloropropane
Concen: 0.643 ug/L
RT: 6.076 min Scan# 1566
Delta R.T. -0.103 min
Lab File: VV026303.D
Acq: 16 Jun 2022 01:44

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.3	4.9#





#45

1,1,2-Trichloroethane

Concen: 0.079 ug/L

RT: 7.973 min Scan# 2115

Delta R.T. 0.132 min

Lab File: VV026303.D

Acq: 16 Jun 2022 01:44

Instrument :

MSVOA_V

ClientSampleId :

C0B98

Tgt Ion: 97 Resp: 669

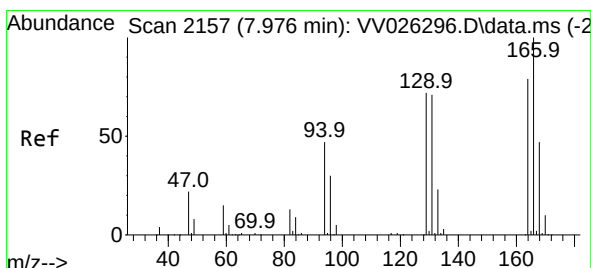
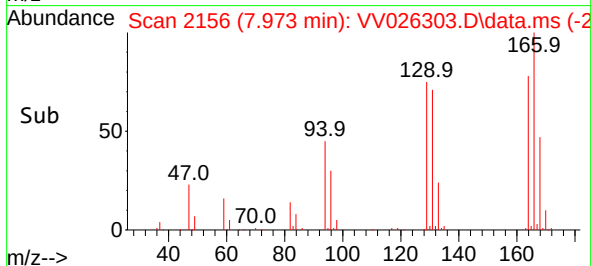
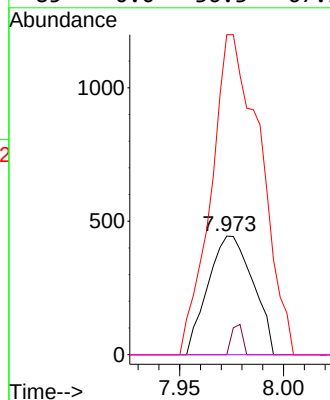
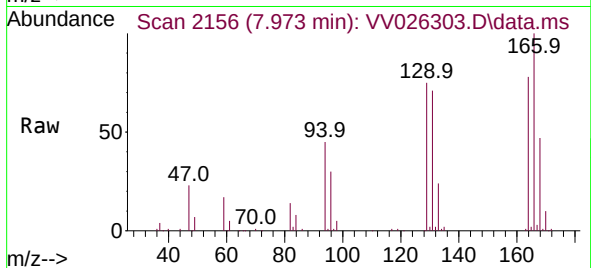
Ion Ratio Lower Upper

97 100

99 0.0 42.4 78.6#

83 270.0 56.1 104.1#

85 0.0 36.3 67.5#



#47

Tetrachloroethene

Concen: 7.644 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.000 min

Lab File: VV026303.D

Acq: 16 Jun 2022 01:44

Tgt Ion:164 Resp: 76449

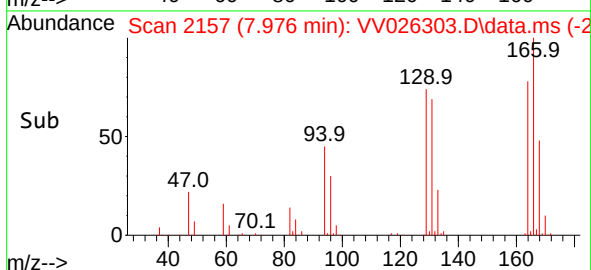
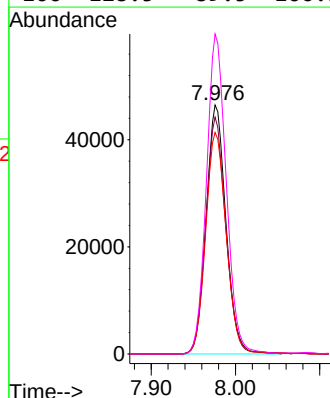
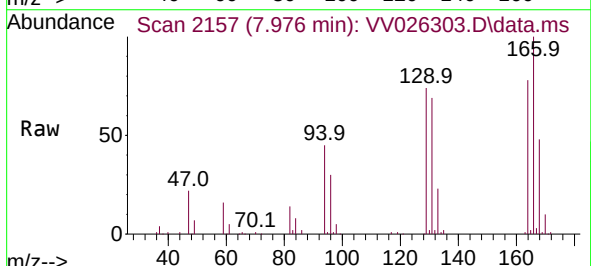
Ion Ratio Lower Upper

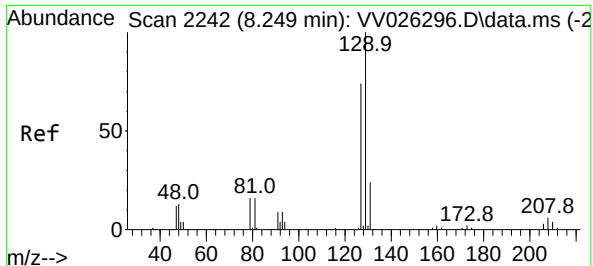
164 100

129 95.1 67.5 125.3

131 89.0 63.8 118.4

166 128.5 89.5 166.3





#49

Dibromochloromethane

Concen: 7.493 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.273 min

Lab File: VV026303.D

Acq: 16 Jun 2022 01:44

Instrument :

MSVOA_V

ClientSampleId :

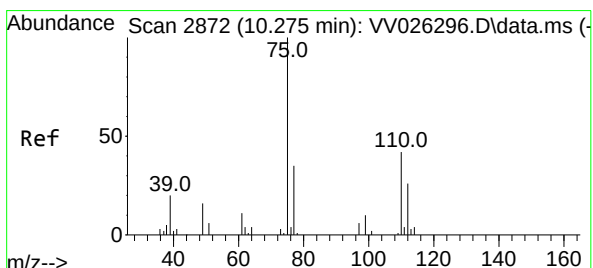
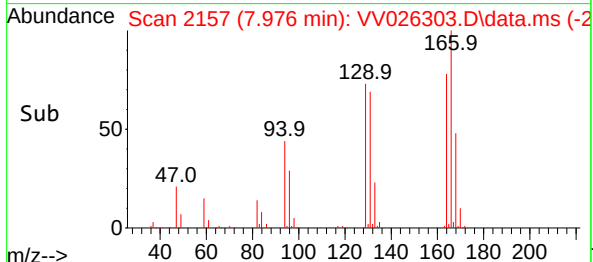
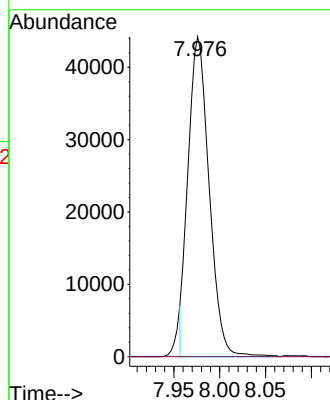
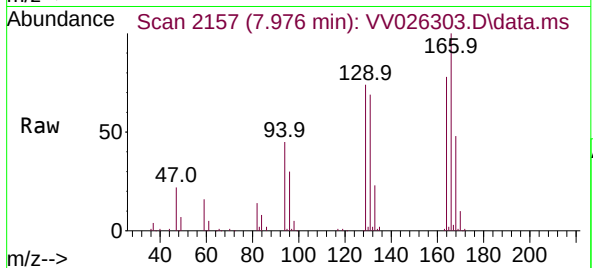
C0B98

Tgt Ion:129 Resp: 70450

Ion Ratio Lower Upper

129 100

127 0.0 56.4 104.7#



#61

1,2,3-Trichloropropane

Concen: 1.680 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.974 min

Lab File: VV026303.D

Acq: 16 Jun 2022 01:44

Tgt Ion: 75 Resp: 8821

Ion Ratio Lower Upper

75 100

77 28.6 26.9 40.3

110 2.1 30.7 46.1#

