

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061422\
 Data File : VW026229.D
 Acq On : 14 Jun 2022 12:09
 Operator : SY/MD
 Sample : N3273-15
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B90

Quant Time: Jun 15 05:48:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 15 05:46:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	149170	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	143052	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	55793	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.311	65	80141	4.108	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.200%
7) Chloroethane-d5	1.574	69	68688	4.470	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.400%
11) 1,1-Dichloroethene-d2	2.111	63	101035	3.221	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.400%
20) 2-Butanone-d5	3.909	46	85155	58.512	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.020%
24) Chloroform-d	4.355	84	129713	4.689	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
26) 1,2-Dichloroethane-d4	5.037	65	52671	4.722	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
32) Benzene-d6	5.053	84	238311	4.273	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.400%
36) 1,2-Dichloropropane-d6	6.072	67	75098	4.670	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.400%
41) Toluene-d8	7.317	98	179919	3.623	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.400%
43) trans-1,3-Dichloroprop...	7.625	79	17799	3.667	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.400%
46) 2-Hexanone-d5	8.092	63	79595	52.664	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.320%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	42288	4.413	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	60024	4.799	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.000%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.317	62	1930	0.124	ug/L #	42
9) Trichlorofluoromethane	1.757	101	392742	18.709	ug/L	98
12) 1,1-Dichloroethene	2.121	96	2647	0.232	ug/L #	1
13) Acetone	2.192	43	45344	54.570	ug/L	95
15) Methyl Acetate	2.192	43	45272	18.657	ug/L #	52
18) trans-1,2-Dichloroethene	2.764	96	380	0.035	ug/L #	62
19) 1,1-Dichloroethane	3.201	63	2347	0.112	ug/L	96
22) cis-1,2-Dichloroethene	3.918	96	56516	5.137	ug/L	97
25) Chloroform	4.381	83	23393	1.066	ug/L	99
31) Carbon tetrachloride	4.835	117	1650	0.109	ug/L	85
33) Benzene	5.114	78	3284	0.076	ug/L	100
34) Trichloroethene	5.915	95	108086	9.250	ug/L	99
35) Methylcyclohexane	6.072	83	17583	1.113	ug/L #	20
37) 1,2-Dichloropropane	6.072	63	8062	0.719	ug/L #	87
39) cis-1,3-Dichloropropene	6.992	75	1340	0.107	ug/L #	56
45) 1,1,2-Trichloroethane	7.844	97	6300	0.893	ug/L	90
47) Tetrachloroethene	7.976	164	1218396	145.202	ug/L	98
49) Dibromochloromethane	7.976	129	1164662	151.249	ug/L #	13
51) Chlorobenzene	8.886	112	13106	0.445	ug/L	100

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jun 15 05:46:56 2022
Response via : Initial Calibration

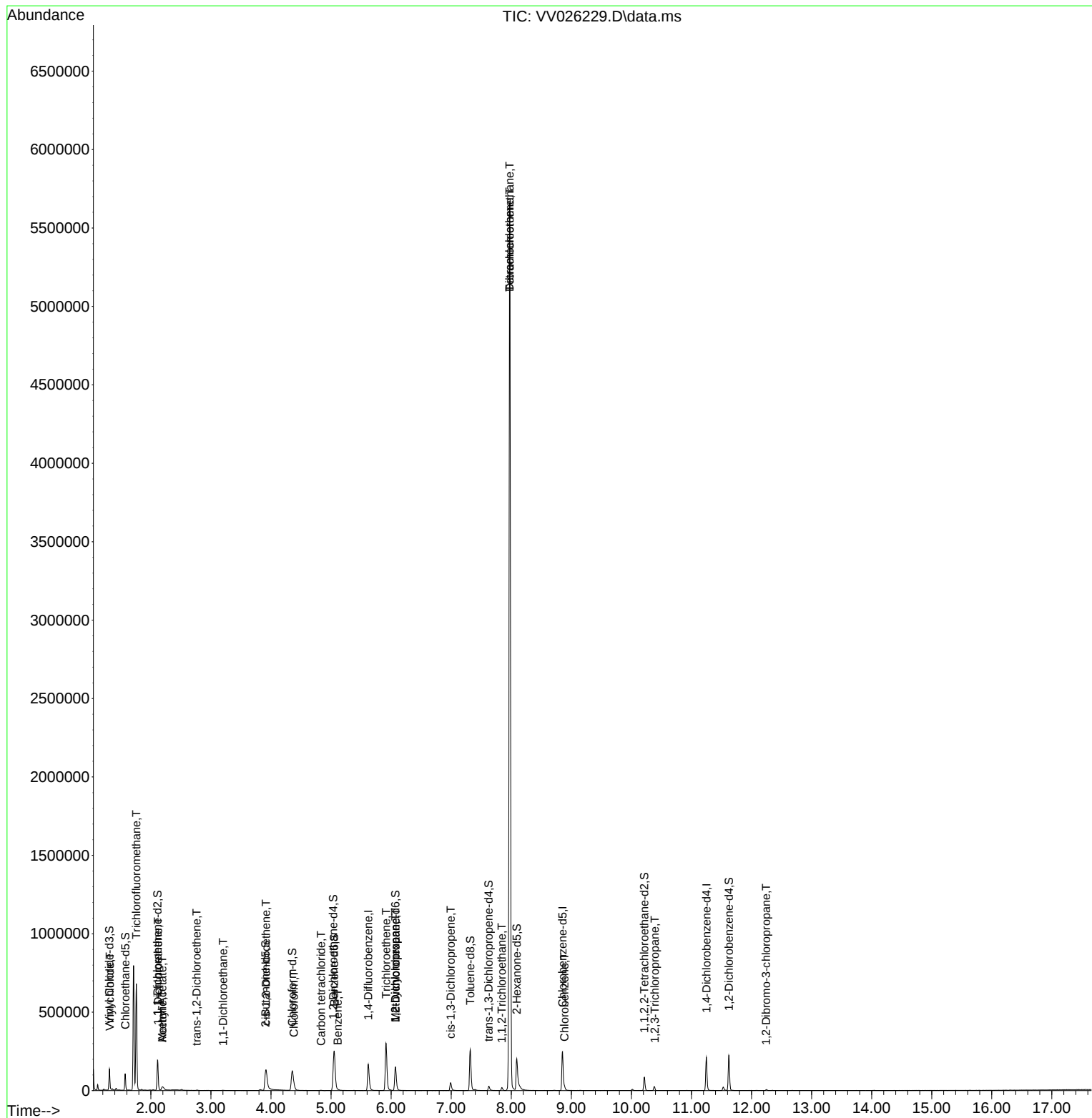
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
61) 1,2,3-Trichloropropane	10.391	75	276	0.064	ug/L #	59
68) 1,2-Dibromo-3-chloropr...	12.243	75	285	0.379	ug/L #	4

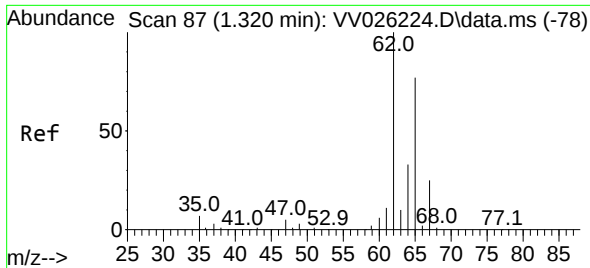
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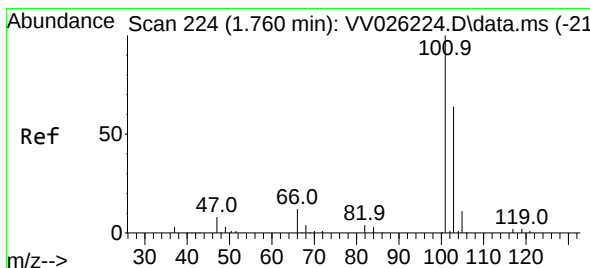
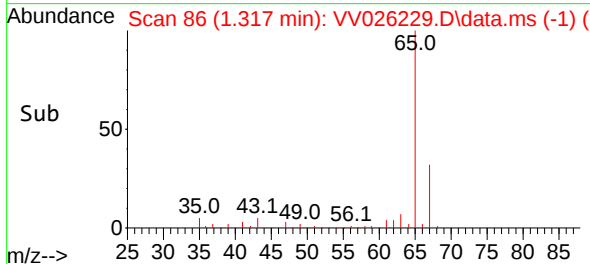
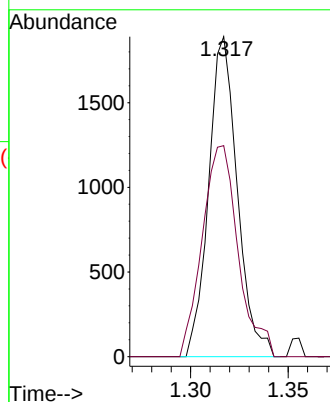
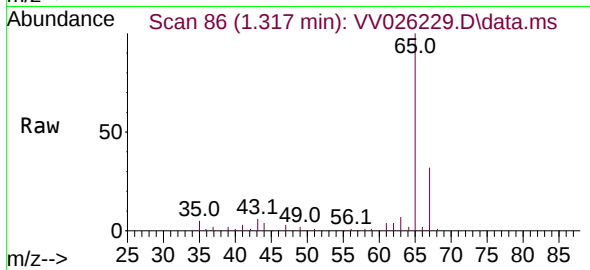




#5
 Vinyl chloride
 Concen: 0.124 ug/L
 RT: 1.317 min Scan# 80
 Delta R.T. -0.003 min
 Lab File: VV026229.D
 Acq: 14 Jun 2022 12:09

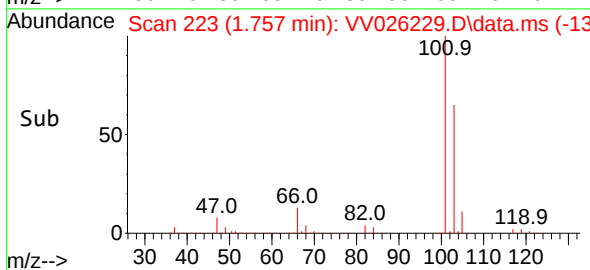
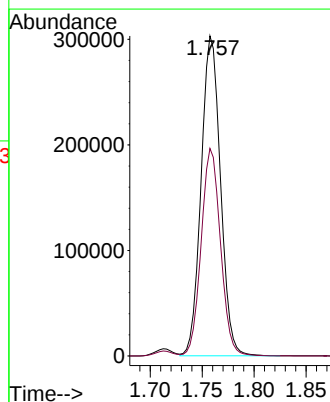
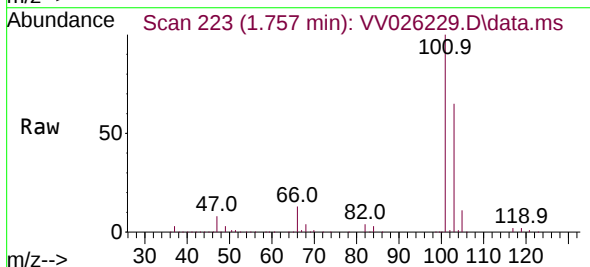
Instrument :
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 ClientSampleId :
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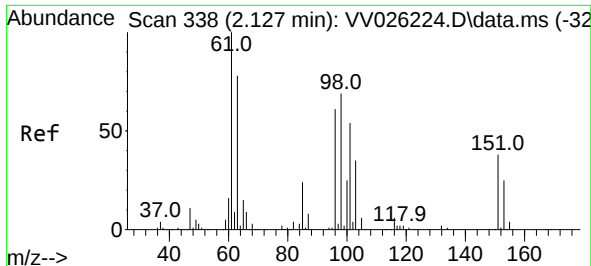
Tgt Ion: 62 Resp: 1930
 Ion Ratio Lower Upper
 62 100
 64 65.9 23.2 43.2#



#9
 Trichlorofluoromethane
 Concen: 18.709 ug/L
 RT: 1.757 min Scan# 223
 Delta R.T. -0.003 min
 Lab File: VV026229.D
 Acq: 14 Jun 2022 12:09

Tgt Ion: 101 Resp: 392742
 Ion Ratio Lower Upper
 101 100
 103 64.5 52.9 79.3

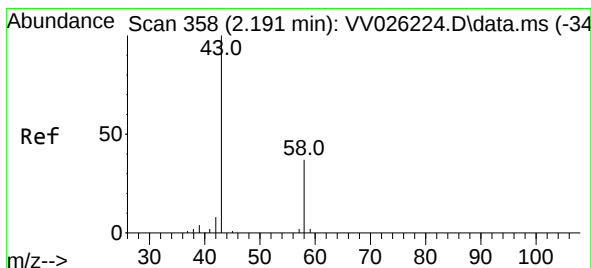
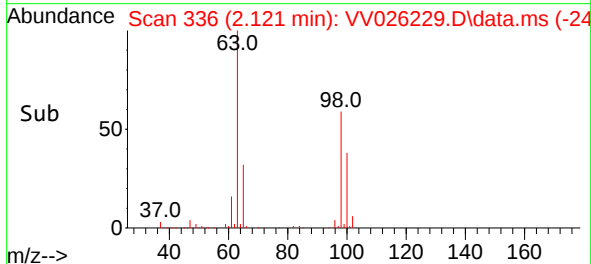
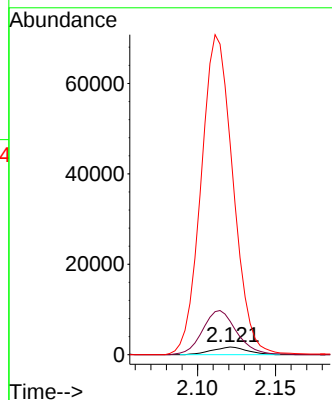
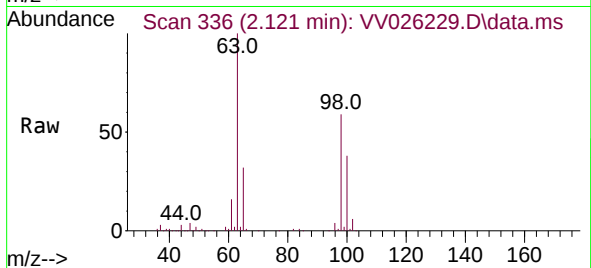




#12
1,1-Dichloroethene
Concen: 0.232 ug/L
RT: 2.121 min Scan# 311
Delta R.T. -0.006 min
Lab File: VV026229.D
Acq: 14 Jun 2022 12:09

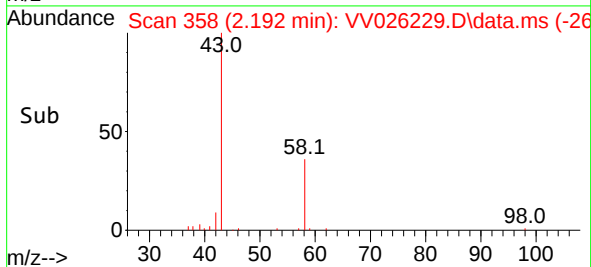
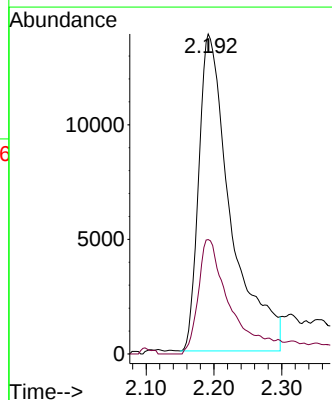
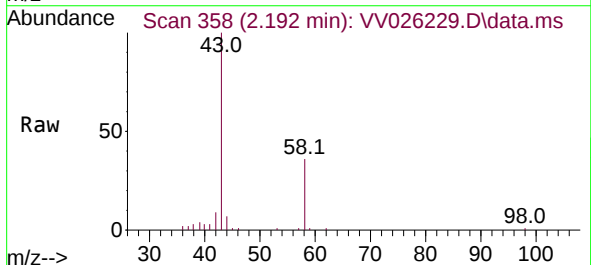
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MSVOA_V
ClientSampleId :
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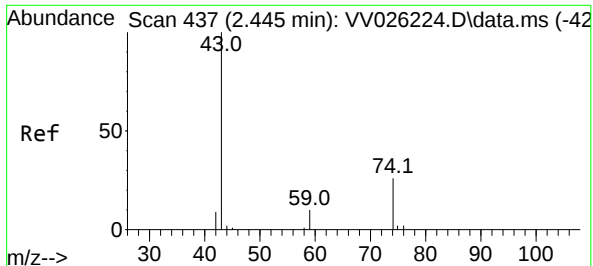
Tgt Ion: 96 Resp: 2647
Ion Ratio Lower Upper
96 100
61 437.9 120.5 223.7#
63 2768.3 129.3 240.1#



#13
Acetone
Concen: 54.570 ug/L
RT: 2.192 min Scan# 358
Delta R.T. 0.000 min
Lab File: VV026229.D
Acq: 14 Jun 2022 12:09

Tgt Ion: 43 Resp: 45344
Ion Ratio Lower Upper
43 100
58 34.1 0.0 73.6

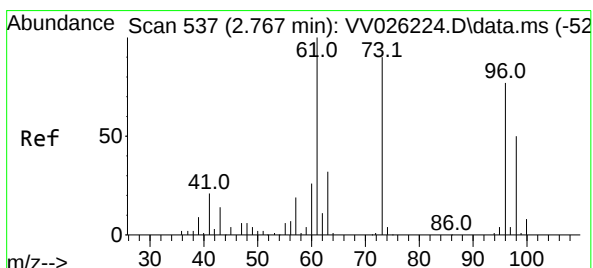
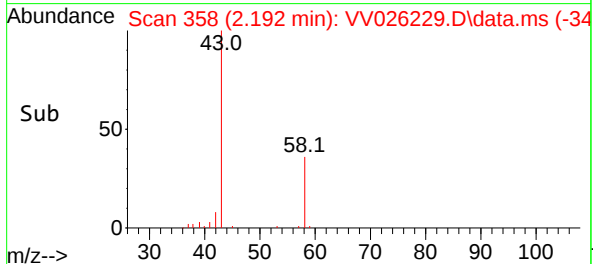
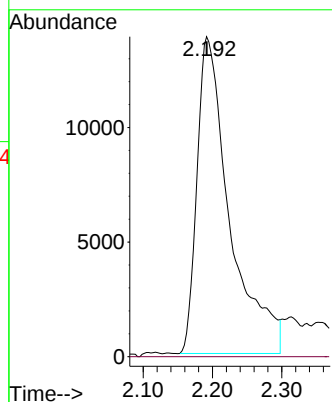
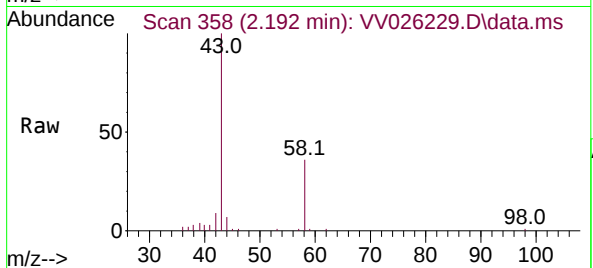




#15
Methyl Acetate
Concen: 18.657 ug/L
RT: 2.192 min Scan# 31
Delta R.T. -0.254 min
Lab File: VV026229.D
Acq: 14 Jun 2022 12:09

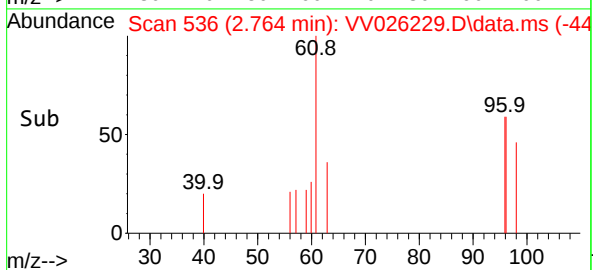
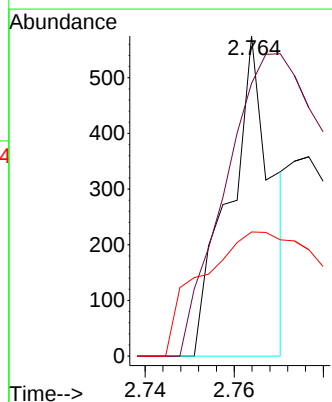
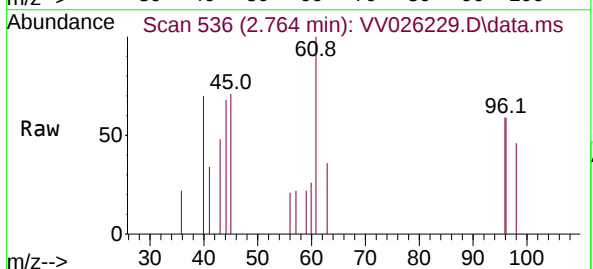
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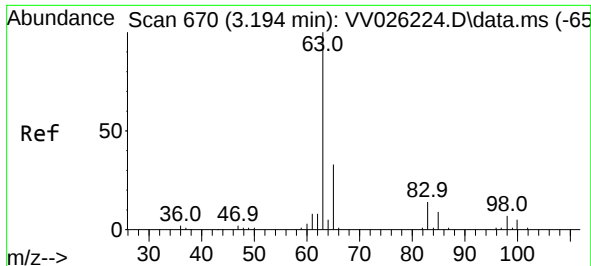
Tgt Ion: 43 Resp: 45272
Ion Ratio Lower Upper
43 100
74 0.0 18.9 28.3#



#18
trans-1,2-Dichloroethene
Concen: 0.035 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.003 min
Lab File: VV026229.D
Acq: 14 Jun 2022 12:09

Tgt Ion: 96 Resp: 380
Ion Ratio Lower Upper
96 100
61 85.2 93.5 173.7#
98 38.8 44.7 83.1#





#19

1,1-Dichloroethane

Concen: 0.112 ug/L

RT: 3.201 min Scan# 61

Delta R.T. 0.007 min

Lab File: VV026229.D

Acq: 14 Jun 2022 12:09

Instrument :

MSVOA_V

ClientSampleId :

C0B90

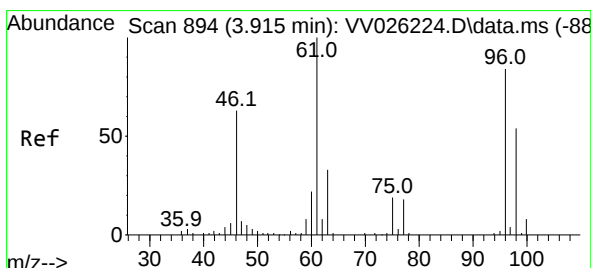
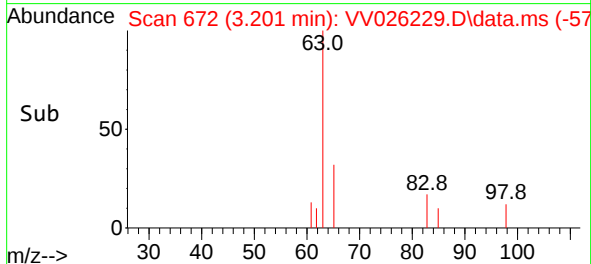
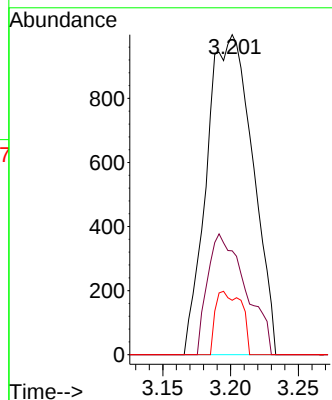
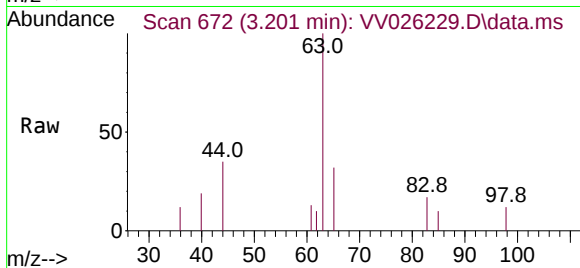
Tgt Ion: 63 Resp: 2347

Ion Ratio Lower Upper

63 100

65 32.4 22.1 41.1

83 17.0 9.5 17.7



#22

cis-1,2-Dichloroethene

Concen: 5.137 ug/L

RT: 3.918 min Scan# 895

Delta R.T. 0.003 min

Lab File: VV026229.D

Acq: 14 Jun 2022 12:09

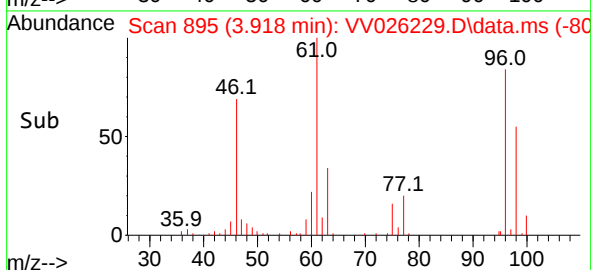
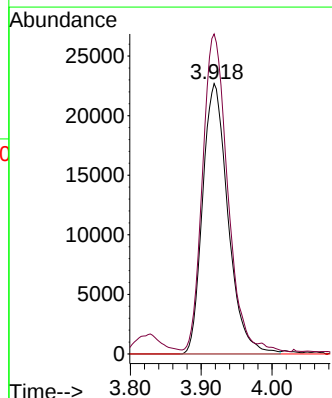
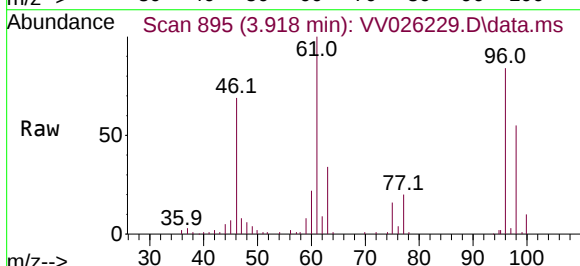
Tgt Ion: 96 Resp: 56516

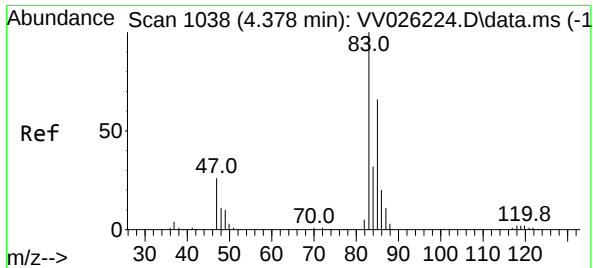
Ion Ratio Lower Upper

96 100

61 118.4 85.2 158.2

68 0.0 0.0 0.0

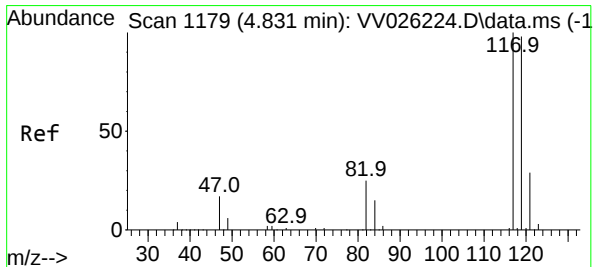
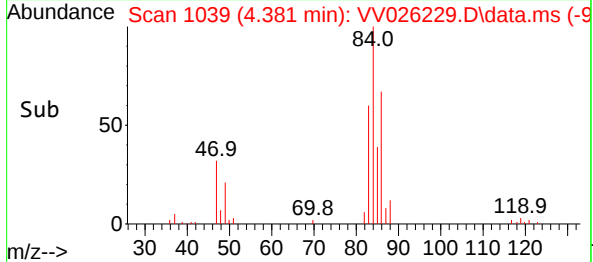
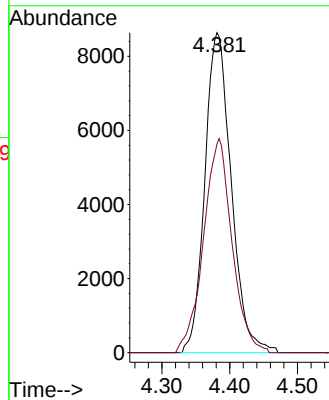
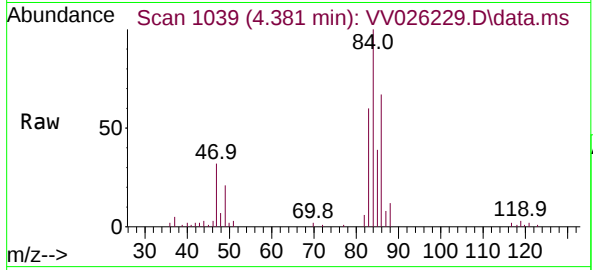




#25
Chloroform
Concen: 1.066 ug/L
RT: 4.381 min Scan# 1180
Delta R.T. 0.003 min
Lab File: VV026229.D
Acq: 14 Jun 2022 12:09

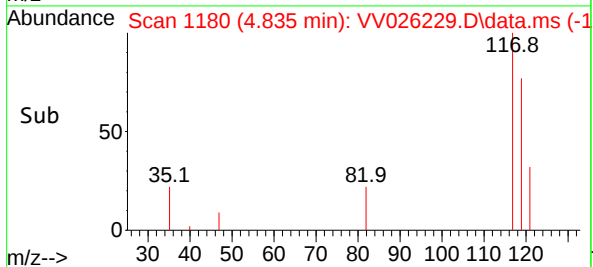
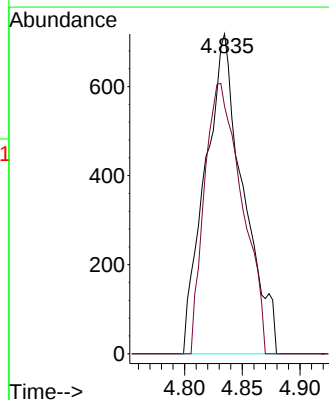
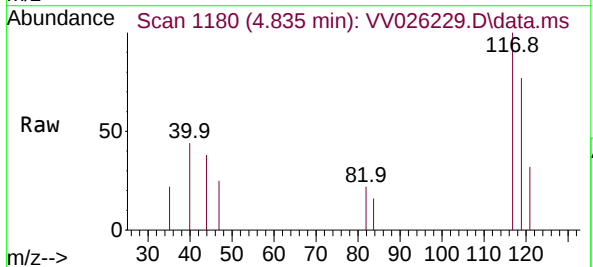
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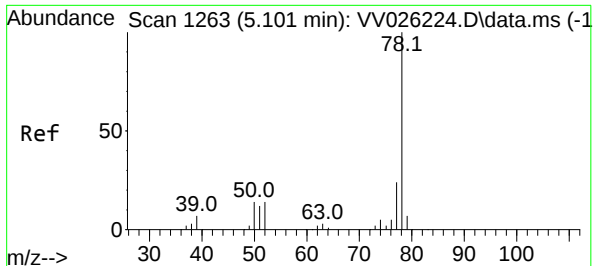
Tgt Ion: 83 Resp: 23393
Ion Ratio Lower Upper
83 100
85 65.2 45.3 84.1



#31
Carbon tetrachloride
Concen: 0.109 ug/L
RT: 4.835 min Scan# 1180
Delta R.T. 0.003 min
Lab File: VV026229.D
Acq: 14 Jun 2022 12:09

Tgt Ion: 117 Resp: 1650
Ion Ratio Lower Upper
117 100
119 83.0 77.8 116.8

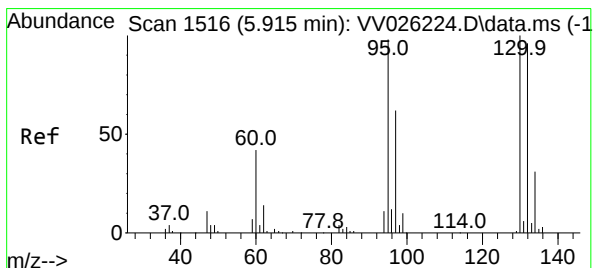
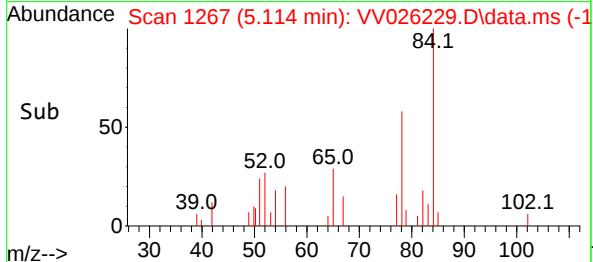
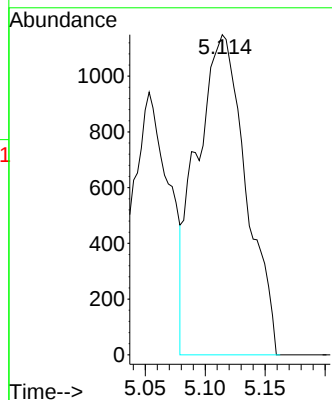
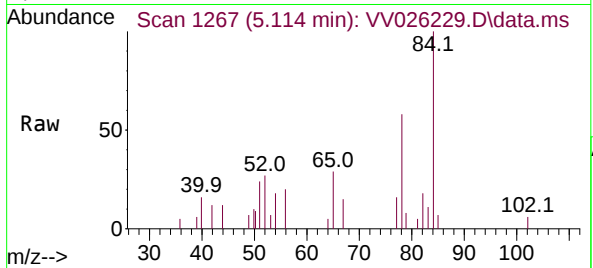




#33
Benzene
Concen: 0.076 ug/L
RT: 5.114 min Scan# 11
Delta R.T. 0.013 min
Lab File: VV026229.D
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ClientSampleId :
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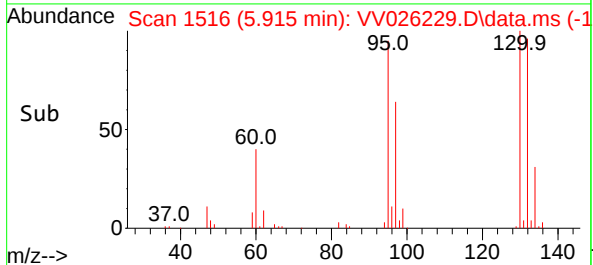
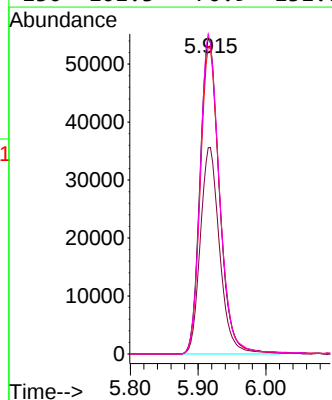
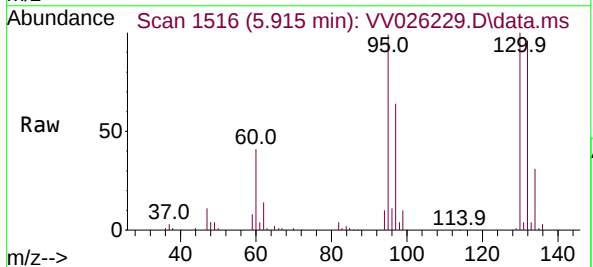
Tgt Ion: 78 Resp: 3284

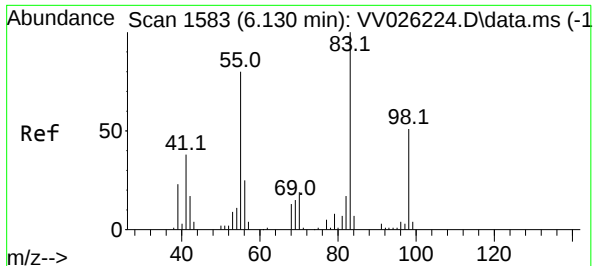


#34
Trichloroethene
Concen: 9.250 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VV026229.D
Acq: 14 Jun 2022 12:09

Tgt Ion: 95 Resp: 108086

Ion	Ratio	Lower	Upper
95	100		
97	65.3	43.3	80.3
132	97.3	67.5	125.4
130	101.3	70.9	131.7





#35

Methylcyclohexane

Concen: 1.113 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.058 min

Lab File: VV026229.D

Acq: 14 Jun 2022 12:09

Instrument :

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ClientSampleId :

C0B90

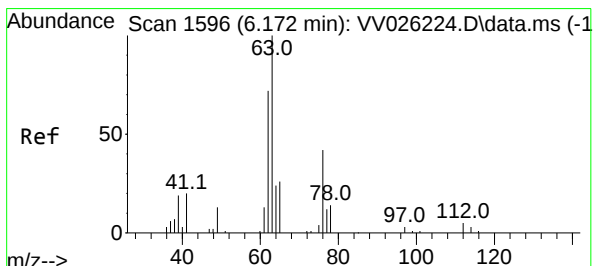
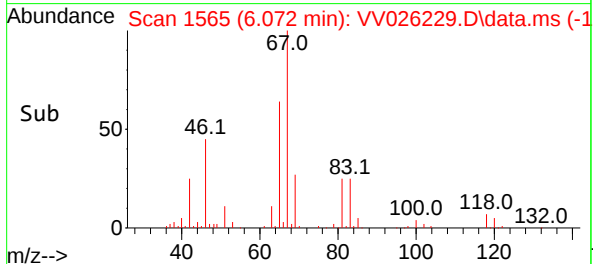
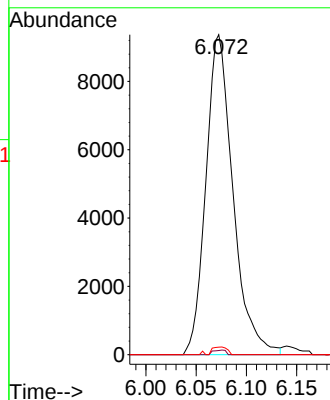
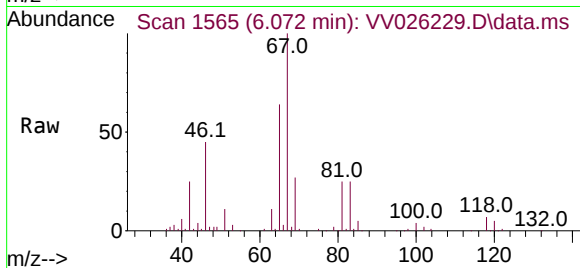
Tgt Ion: 83 Resp: 17583

Ion Ratio Lower Upper

83 100

55 0.7 59.5 89.3#

98 1.3 38.4 57.6#



#37

1,2-Dichloropropane

Concen: 0.719 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.099 min

Lab File: VV026229.D

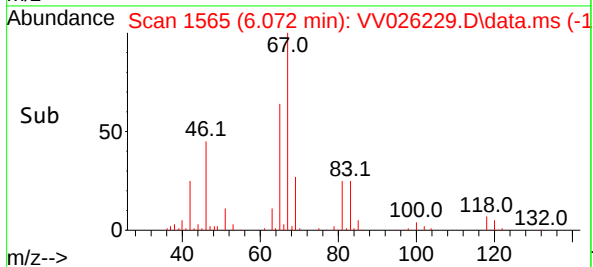
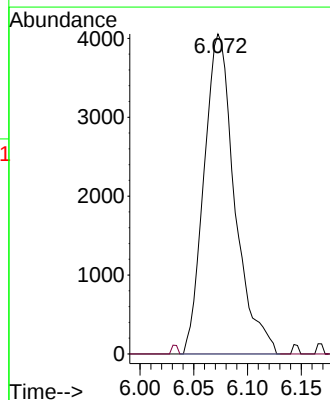
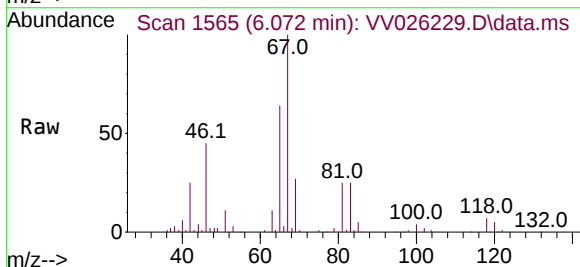
Acq: 14 Jun 2022 12:09

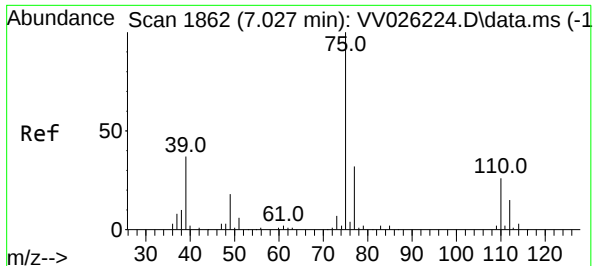
Tgt Ion: 63 Resp: 8062

Ion Ratio Lower Upper

63 100

112 0.5 3.9 5.9#





#39

cis-1,3-Dichloropropene

Concen: 0.107 ug/L

RT: 6.992 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV026229.D

Acq: 14 Jun 2022 12:09

Instrument :

MSVOA_V

ClientSampleId :

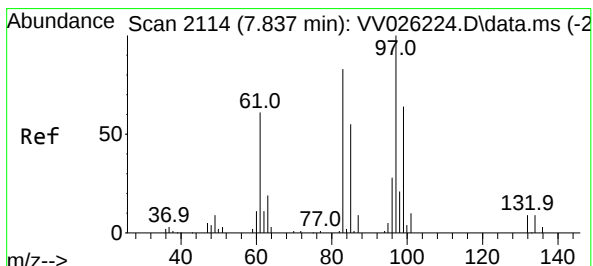
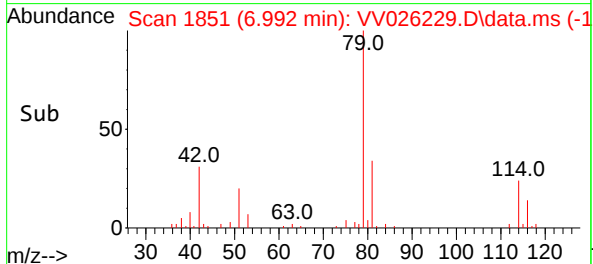
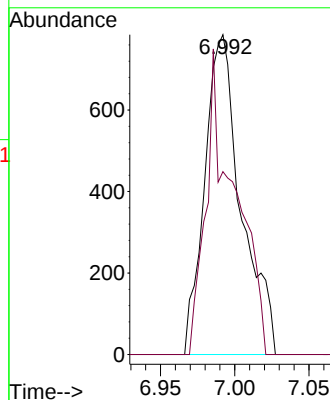
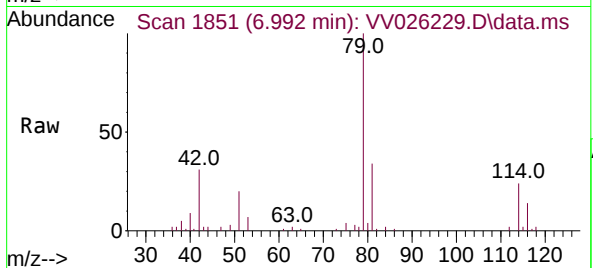
C0B90

Tgt Ion: 75 Resp: 1340

Ion Ratio Lower Upper

75 100

77 57.2 22.9 42.5#



#45

1,1,2-Trichloroethane

Concen: 0.893 ug/L

RT: 7.844 min Scan# 2116

Delta R.T. 0.007 min

Lab File: VV026229.D

Acq: 14 Jun 2022 12:09

Tgt Ion: 97 Resp: 6300

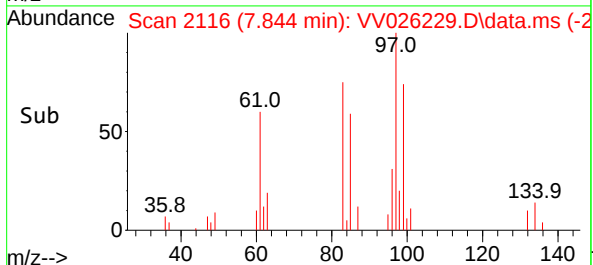
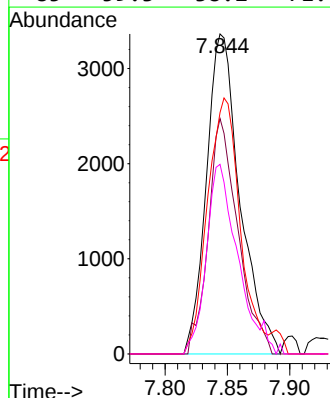
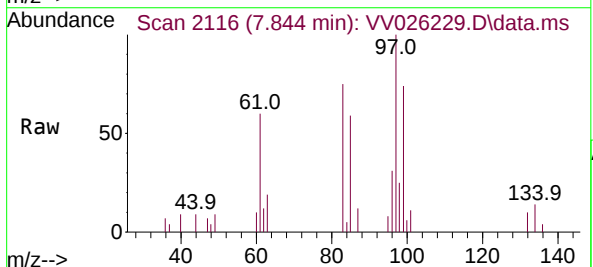
Ion Ratio Lower Upper

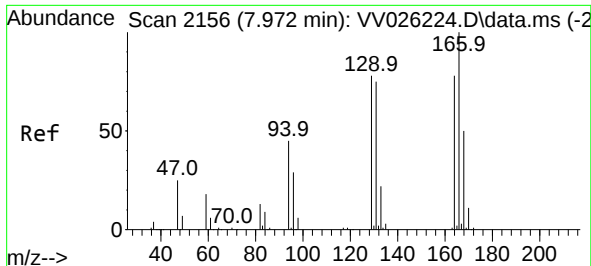
97 100

99 73.6 43.0 80.0

83 75.5 58.4 108.4

85 59.3 38.2 71.0

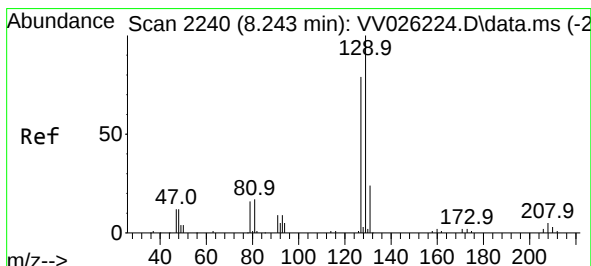
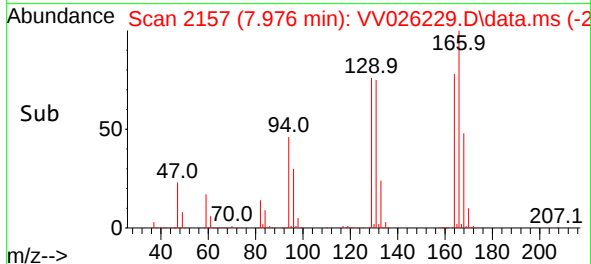
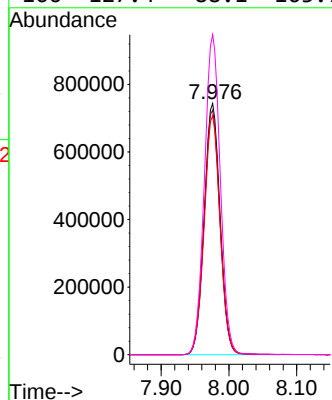
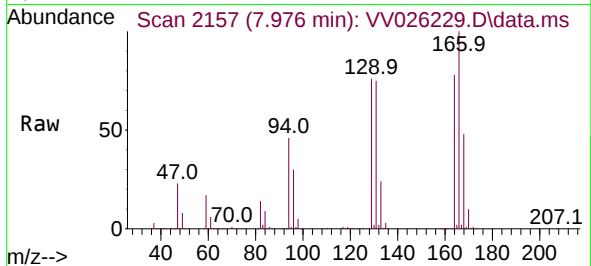




#47
Tetrachloroethene
Concen: 145.202 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV026229.D
Acq: 14 Jun 2022 12:09

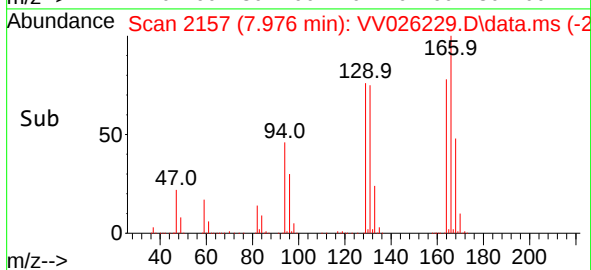
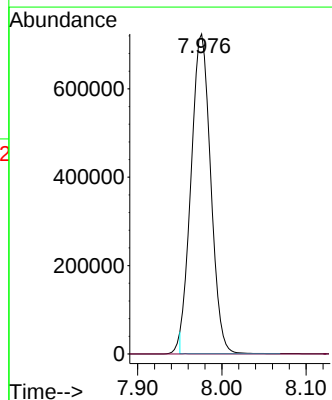
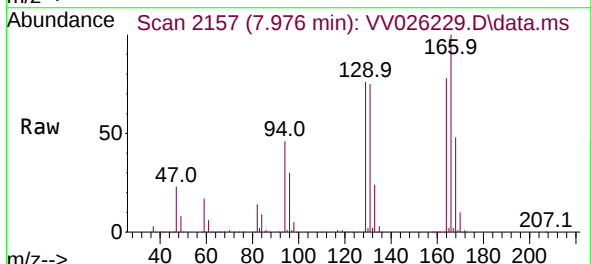
Instrument :
MSVOA_V
ClientSampleId :
C0B90

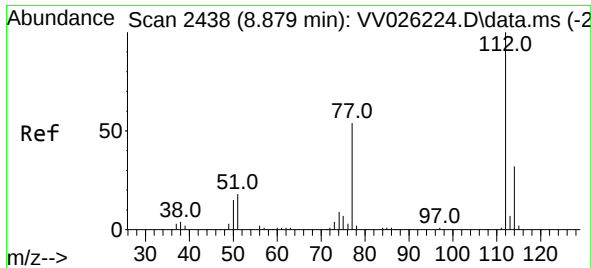
Tgt Ion:164 Resp: 1218396
Ion Ratio Lower Upper
164 100
129 97.4 66.1 122.7
131 95.2 65.0 120.6
166 127.4 88.1 163.7



#49
Dibromochloromethane
Concen: 151.249 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.267 min
Lab File: VV026229.D
Acq: 14 Jun 2022 12:09

Tgt Ion:129 Resp: 1164662
Ion Ratio Lower Upper
129 100
127 0.0 50.9 94.5#

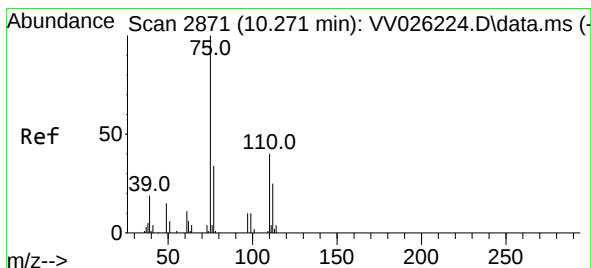
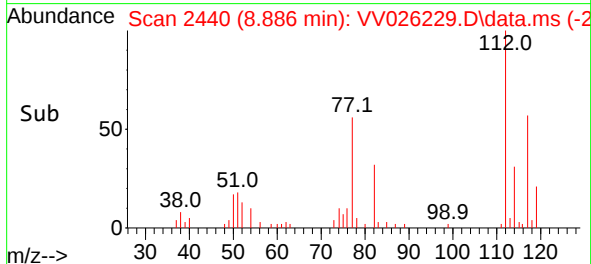
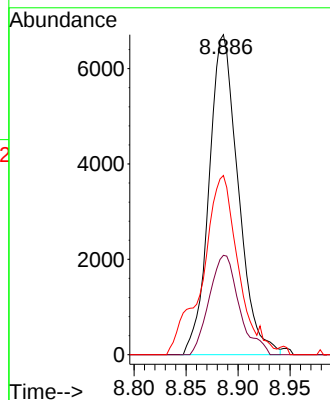
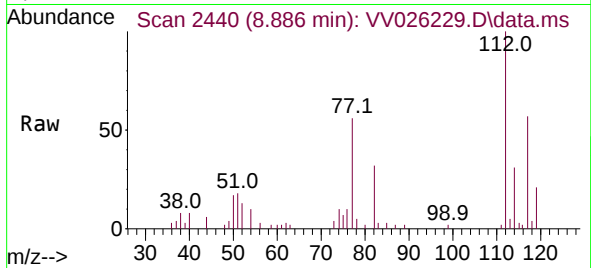




#51
Chlorobenzene
Concen: 0.445 ug/L
RT: 8.886 min Scan# 2438
Delta R.T. 0.007 min
Lab File: VV026229.D
Acq: 14 Jun 2022 12:09

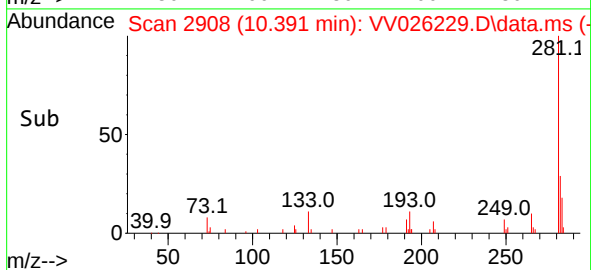
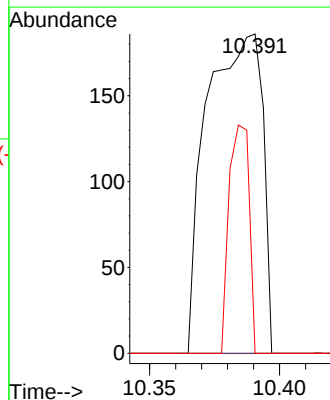
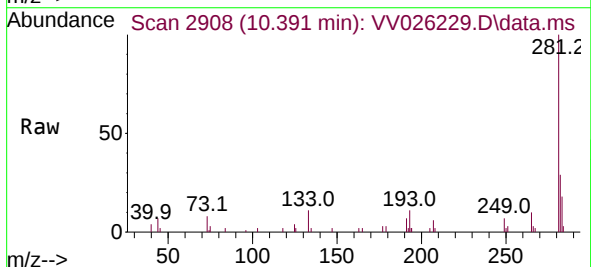
Instrument :
MSVOA_V
ClientSampleId :
C0B90

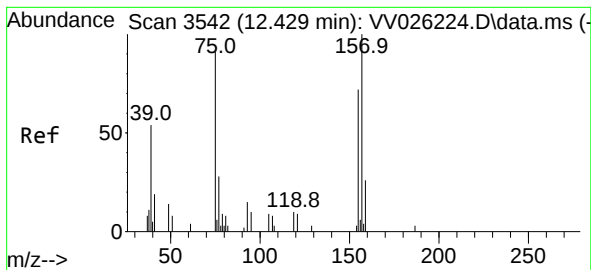
Tgt Ion:	112	Resp:	13106
Ion	Ratio	Lower	Upper
112	100		
114	31.0	21.8	40.6
77	56.0	44.6	66.8



#61
1,2,3-Trichloropropane
Concen: 0.064 ug/L
RT: 10.391 min Scan# 2908
Delta R.T. 0.119 min
Lab File: VV026229.D
Acq: 14 Jun 2022 12:09

Tgt Ion:	75	Resp:	276
Ion	Ratio	Lower	Upper
75	100		
77	0.0	27.8	41.8#
110	26.1	33.0	49.4#





#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.379 ug/L
 RT: 12.243 min Scan# 34
 Delta R.T. -0.186 min
 Lab File: VV026229.D
 Acq: 14 Jun 2022 12:09

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B90

Tgt Ion: 75 Resp: 285
 Ion Ratio Lower Upper
 75 100
 155 0.0 67.0 100.6#
 157 0.0 77.7 116.5#

