

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061522\
 Data File : VW026310.D
 Acq On : 16 Jun 2022 04:31
 Operator : SY/MD
 Sample : N3274-15
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COBB8

Quant Time: Jun 16 06:59:05 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	199974	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	194682	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	77930	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	74213	4.273	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.400%
7) Chloroethane-d5	1.581	69	63828	4.674	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.400%
11) 1,1-Dichloroethene-d2	2.121	63	103972	3.486	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.800%
20) 2-Butanone-d5	3.921	46	89149	52.601	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.200%
24) Chloroform-d	4.359	84	126789	4.980	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
26) 1,2-Dichloroethane-d4	5.043	65	52057	4.833	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
32) Benzene-d6	5.060	84	244067	4.689	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
36) 1,2-Dichloropropane-d6	6.076	67	76353	5.026	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.600%
41) Toluene-d8	7.320	98	195322	4.116	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.400%
43) trans-1,3-Dichloroprop...	7.629	79	18295	3.714	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.200%
46) 2-Hexanone-d5	8.092	63	67017	45.039	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.080%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	43125	4.608	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	63417	5.283	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.600%
Target Compounds						Qvalue
3) Chloromethane	1.253	50	1503	0.091	ug/L	90
9) Trichlorofluoromethane	1.767	101	113754	4.774	ug/L	98
13) Acetone	2.211	43	255104	194.226	ug/L	88
15) Methyl Acetate	2.211	43	249896	79.296	ug/L #	48
22) cis-1,2-Dichloroethene	3.934	96	1825	0.147	ug/L	75
25) Chloroform	4.388	83	3602	0.142	ug/L	96
27) 1,2-Dichloroethane	5.060	62	1599	0.139	ug/L #	71
31) Carbon tetrachloride	4.841	117	2398	0.132	ug/L	91
33) Benzene	5.056	78	2218	0.044	ug/L	100
34) Trichloroethene	5.918	95	91818	6.738	ug/L	99
35) Methylcyclohexane	6.076	83	18359	0.974	ug/L #	19
37) 1,2-Dichloropropane	6.076	63	7977	0.611	ug/L #	88
39) cis-1,3-Dichloropropene	6.992	75	1361	0.091	ug/L #	61
47) Tetrachloroethene	7.976	164	80770	8.002	ug/L	99
49) Dibromochloromethane	7.976	129	74306	7.831	ug/L #	9
53) m,p-Xylene	9.156	106	1255	0.061	ug/L	98
61) 1,2,3-Trichloropropane	10.014	75	2048	0.405	ug/L #	39

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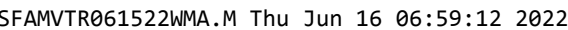
Instrument :
MSVOA_V
ClientSampleId :
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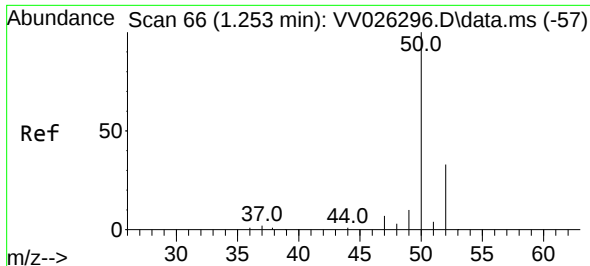
Quant Time: Jun 16 06:59:05 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jun 16 04:34:39 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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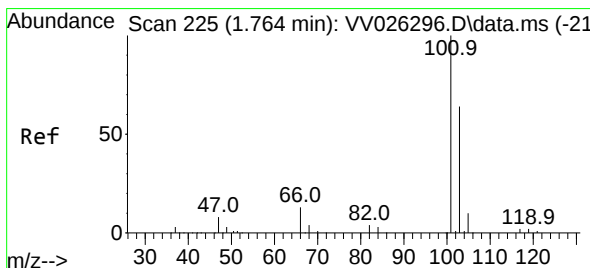
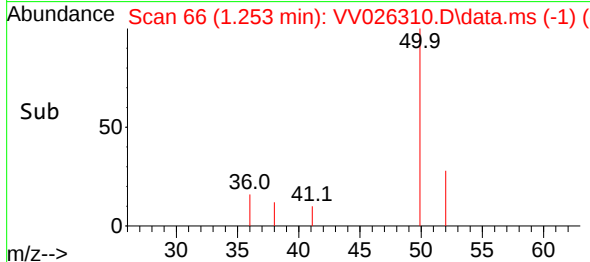
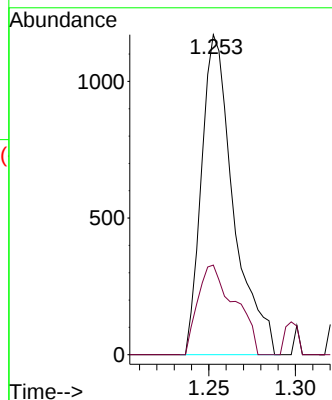
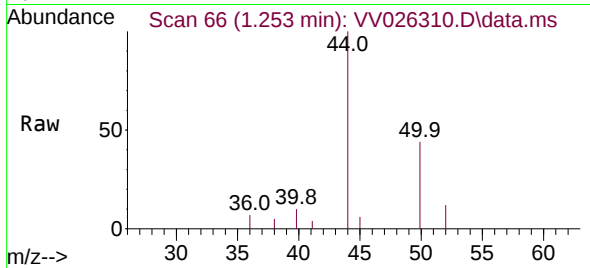




#3
Chloromethane
Concen: 0.091 ug/L
RT: 1.253 min Scan# 60
Delta R.T. 0.000 min
Lab File: VV026310.D
Acq: 16 Jun 2022 04:31

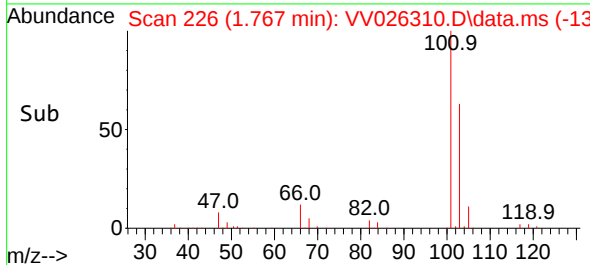
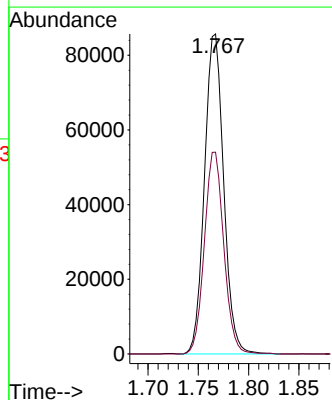
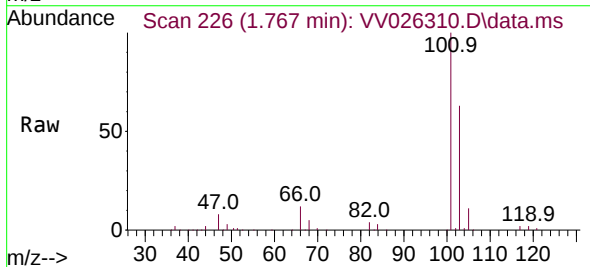
Instrument :
MSVOA_V
ClientSampleId :
C0BB8

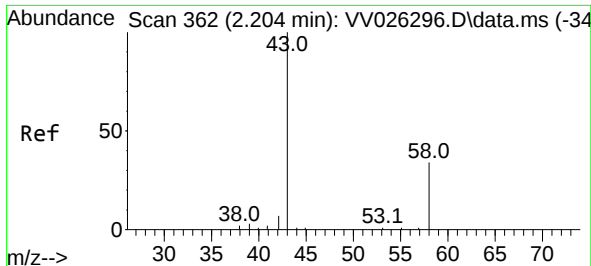
Tgt Ion: 50 Resp: 1503
Ion Ratio Lower Upper
50 100
52 28.0 23.7 44.1



#9
Trichlorofluoromethane
Concen: 4.774 ug/L
RT: 1.767 min Scan# 226
Delta R.T. 0.003 min
Lab File: VV026310.D
Acq: 16 Jun 2022 04:31

Tgt Ion: 101 Resp: 113754
Ion Ratio Lower Upper
101 100
103 63.9 52.3 78.5





#13

Acetone

Concen: 194.226 ug/L

RT: 2.211 min Scan# 364

Delta R.T. 0.006 min

Lab File: VV026310.D

Acq: 16 Jun 2022 04:31

Instrument :

MSVOA_V

ClientSampleId :

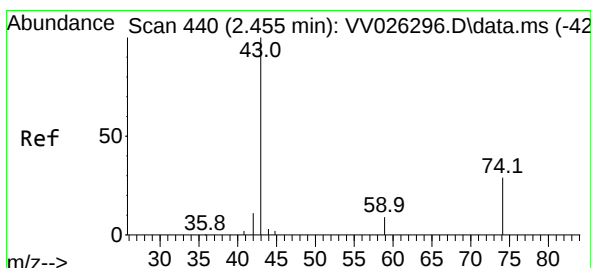
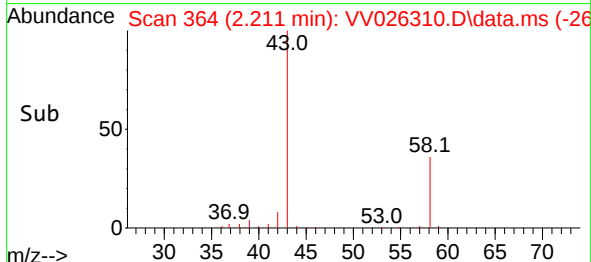
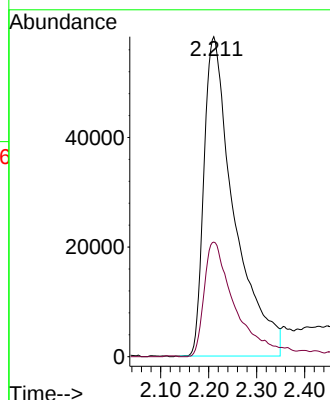
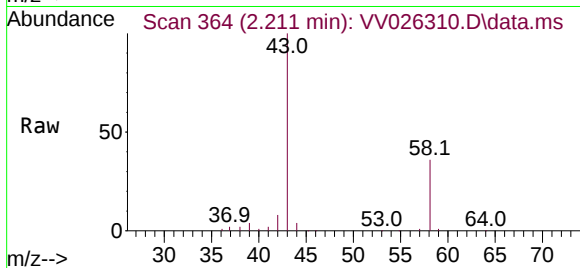
C0BB8

Tgt Ion: 43 Resp: 255104

Ion Ratio Lower Upper

43 100

58 36.5 0.0 60.0



#15

Methyl Acetate

Concen: 79.296 ug/L

RT: 2.211 min Scan# 364

Delta R.T. -0.244 min

Lab File: VV026310.D

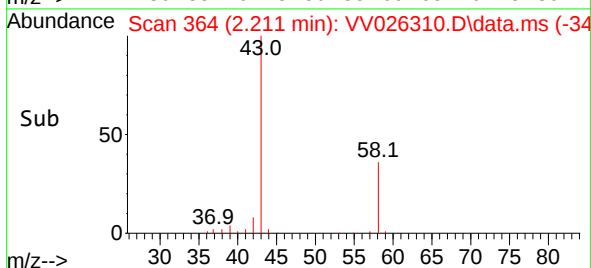
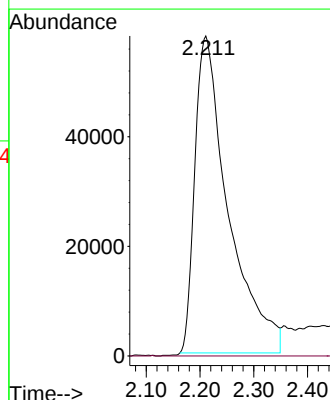
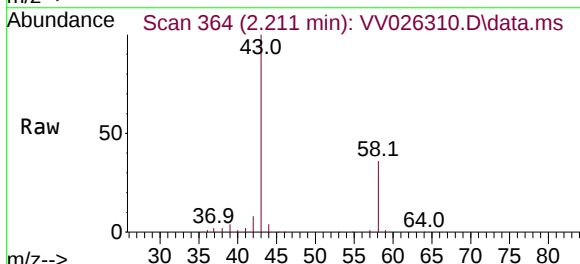
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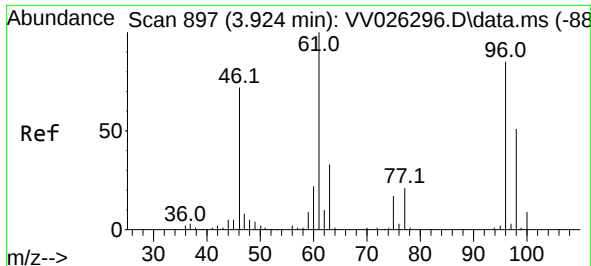
Tgt Ion: 43 Resp: 249896

Ion Ratio Lower Upper

43 100

74 0.0 21.4 32.0#





#22

cis-1,2-Dichloroethene

Concen: 0.147 ug/L

RT: 3.934 min Scan# 90

Delta R.T. 0.010 min

Lab File: VV026310.D

Acq: 16 Jun 2022 04:31

Instrument :

MSVOA_V

ClientSampleId :

C0BB8

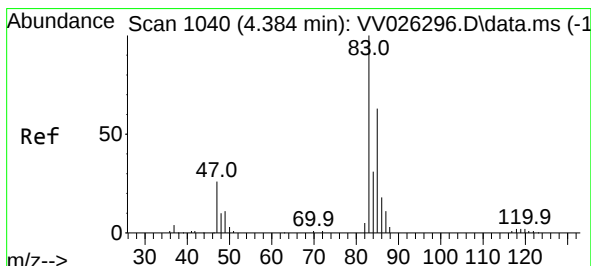
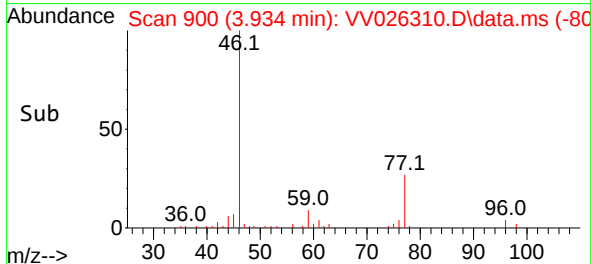
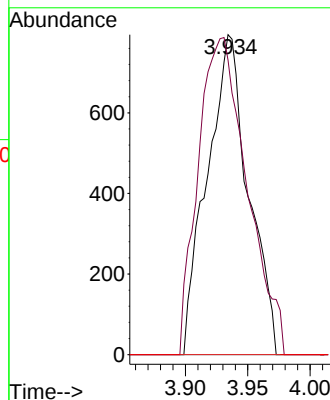
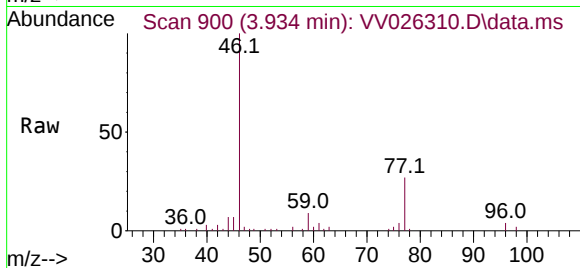
Tgt Ion: 96 Resp: 1825

Ion Ratio Lower Upper

96 100

61 92.1 83.6 155.2

68 0.0 0.0 0.0



#25

Chloroform

Concen: 0.142 ug/L

RT: 4.388 min Scan# 1041

Delta R.T. 0.003 min

Lab File: VV026310.D

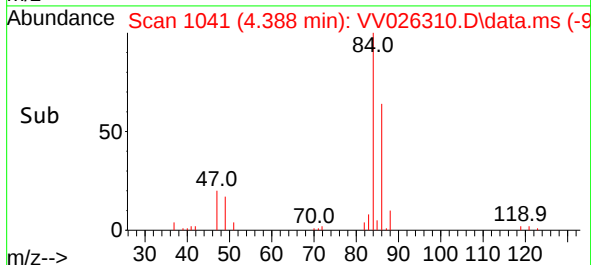
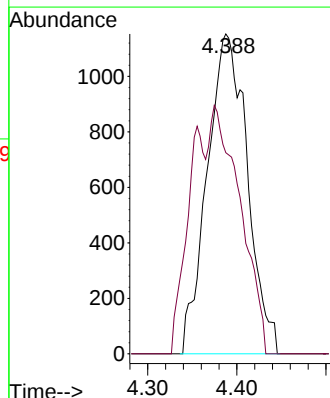
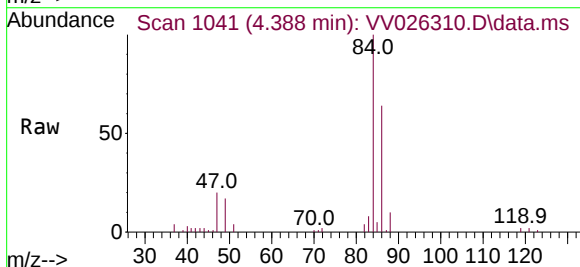
Acq: 16 Jun 2022 04:31

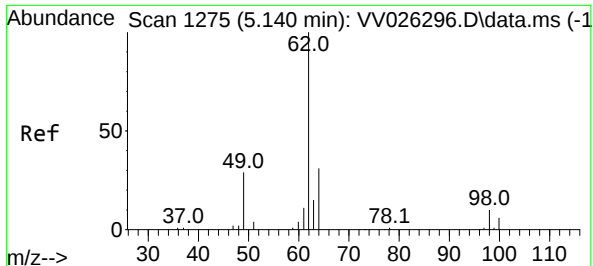
Tgt Ion: 83 Resp: 3602

Ion Ratio Lower Upper

83 100

85 62.9 46.5 86.3





#27

1,2-Dichloroethane

Concen: 0.139 ug/L

RT: 5.060 min Scan# 11

Delta R.T. -0.080 min

Lab File: VV026310.D

Acq: 16 Jun 2022 04:31

Instrument :

MSVOA_V

ClientSampleId :

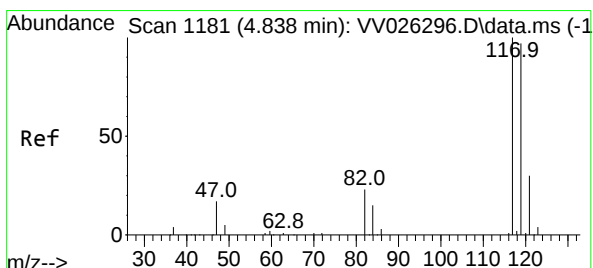
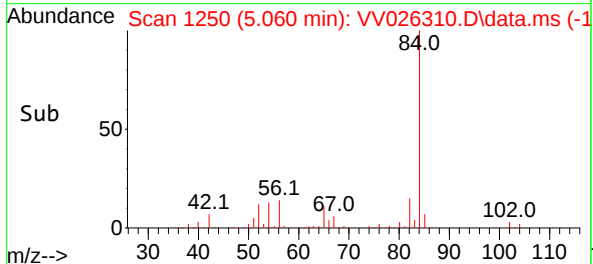
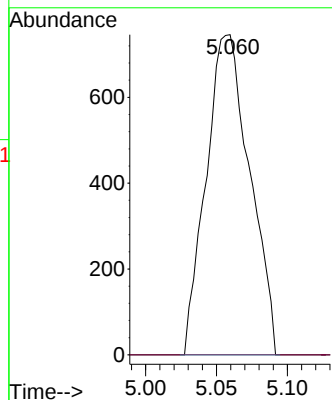
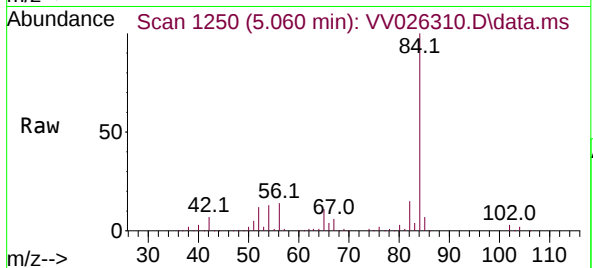
C0BB8

Tgt Ion: 62 Resp: 1599

Ion Ratio Lower Upper

62 100

98 0.0 8.6 13.0#



#31

Carbon tetrachloride

Concen: 0.132 ug/L

RT: 4.841 min Scan# 1182

Delta R.T. 0.003 min

Lab File: VV026310.D

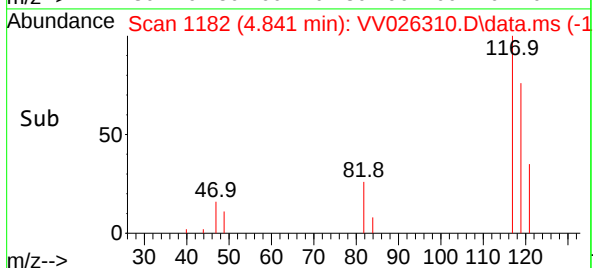
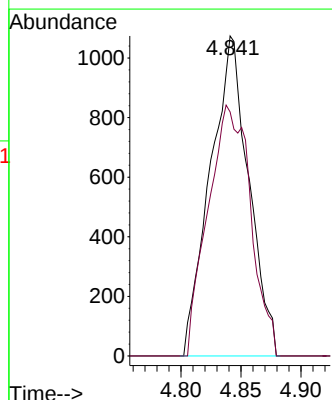
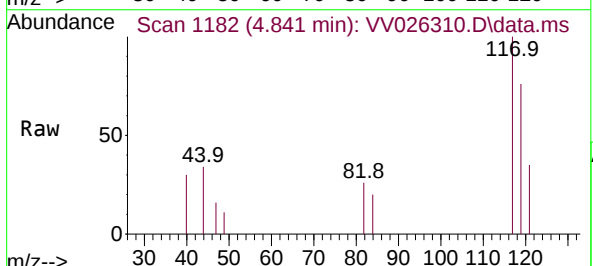
Acq: 16 Jun 2022 04:31

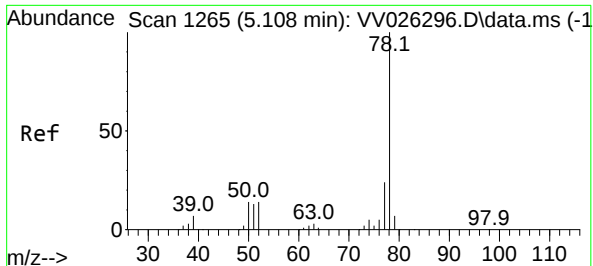
Tgt Ion: 117 Resp: 2398

Ion Ratio Lower Upper

117 100

119 86.7 76.2 114.4

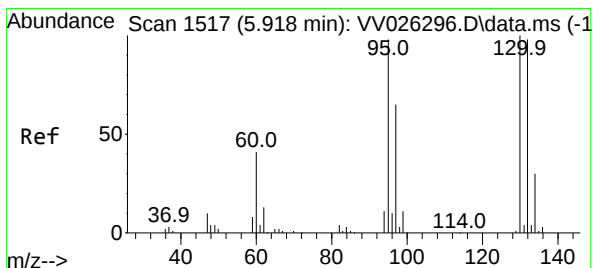
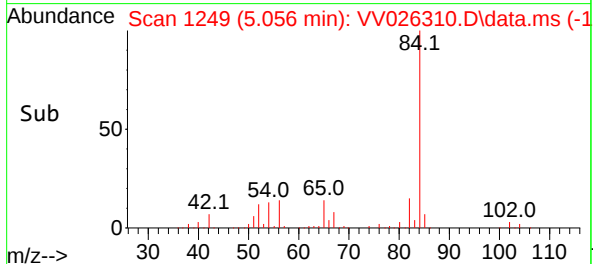
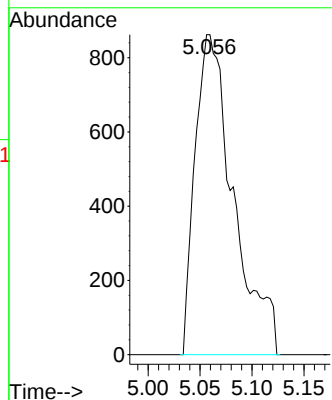
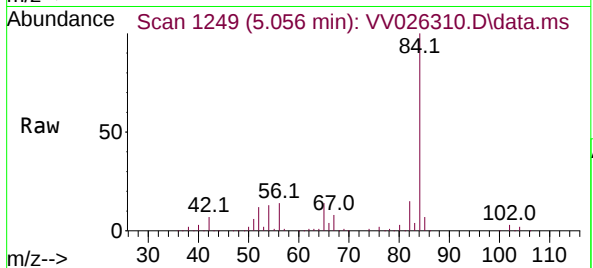




#33
Benzene
Concen: 0.044 ug/L
RT: 5.056 min Scan# 11
Delta R.T. -0.051 min
Lab File: VV026310.D
Acq: 16 Jun 2022 04:31

Instrument :
MSVOA_V
ClientSampleId :
C0BB8

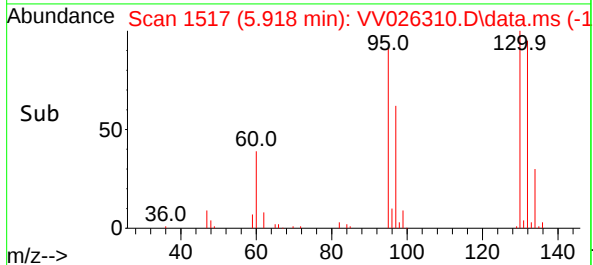
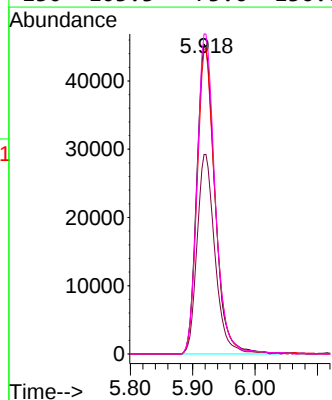
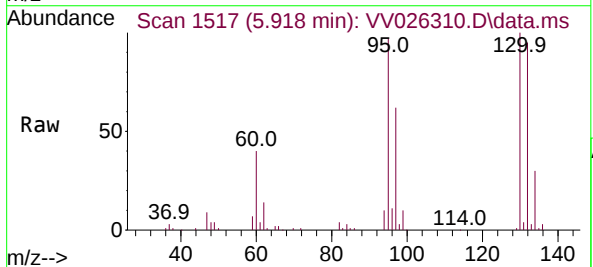
Tgt Ion: 78 Resp: 2218

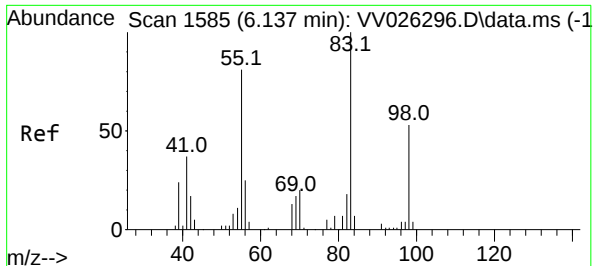


#34
Trichloroethene
Concen: 6.738 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VV026310.D
Acq: 16 Jun 2022 04:31

Tgt Ion: 95 Resp: 91818

Ion	Ratio	Lower	Upper
95	100		
97	64.4	46.5	86.3
132	98.3	68.8	127.8
130	103.3	73.6	136.6





#35

Methylcyclohexane

Concen: 0.974 ug/L

RT: 6.076 min Scan# 1566

Delta R.T. -0.061 min

Lab File: VV026310.D

Acq: 16 Jun 2022 04:31

Instrument :

MSVOA_V

ClientSampleId :

C0BB8

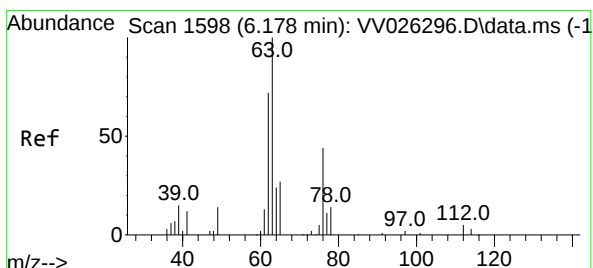
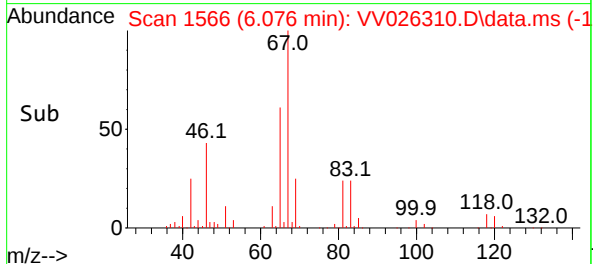
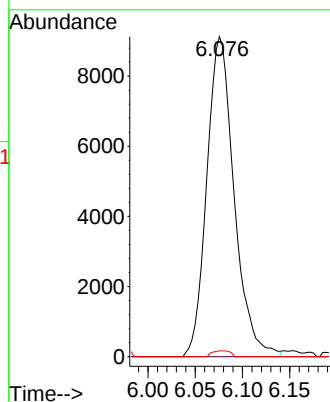
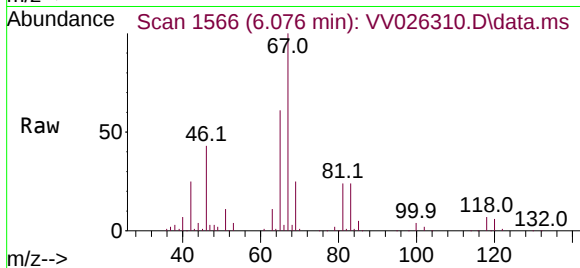
Tgt Ion: 83 Resp: 18359

Ion Ratio Lower Upper

83 100

55 0.0 59.3 88.9#

98 1.2 39.9 59.9#



#37

1,2-Dichloropropane

Concen: 0.611 ug/L

RT: 6.076 min Scan# 1566

Delta R.T. -0.103 min

Lab File: VV026310.D

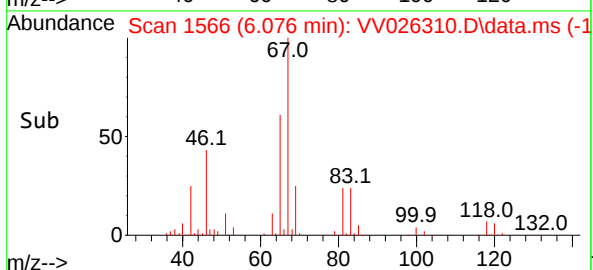
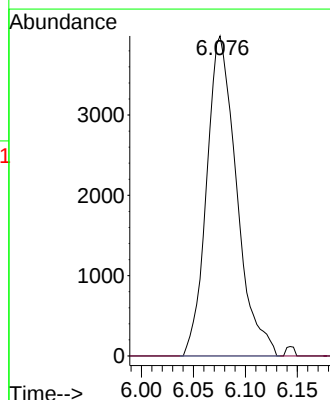
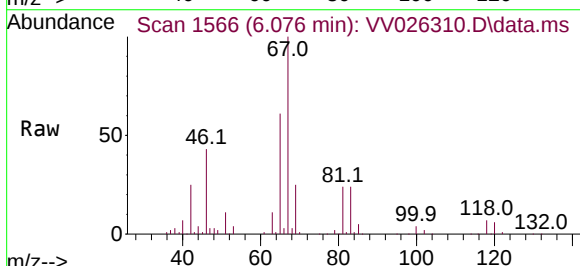
Acq: 16 Jun 2022 04:31

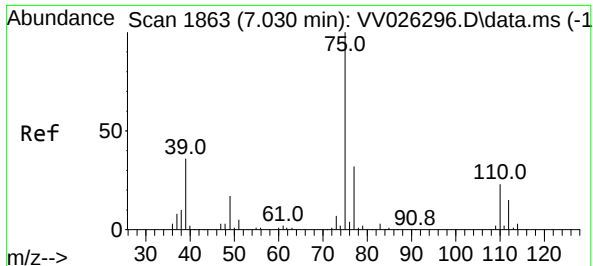
Tgt Ion: 63 Resp: 7977

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#





#39

cis-1,3-Dichloropropene

Concen: 0.091 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.039 min

Lab File: VV026310.D

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ClientSampleId :

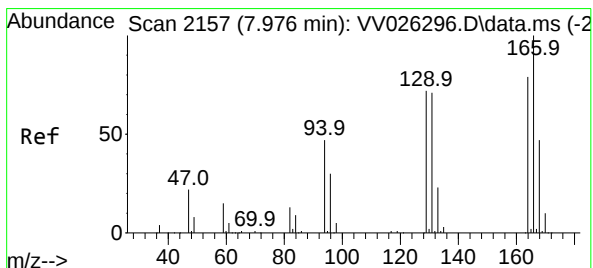
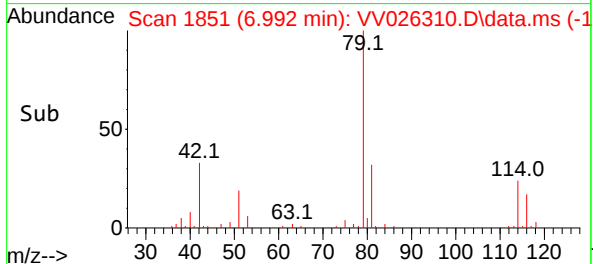
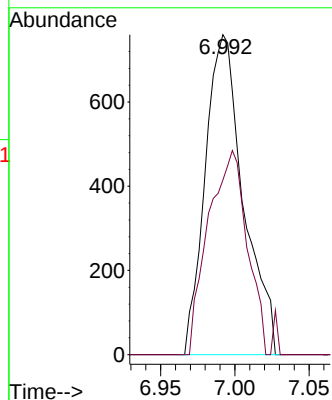
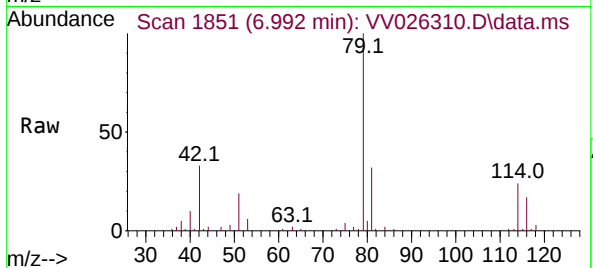
C0BB8

Tgt Ion: 75 Resp: 1361

Ion Ratio Lower Upper

75 100

77 54.6 23.0 42.6#



#47

Tetrachloroethene

Concen: 8.002 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.000 min

Lab File: VV026310.D

Acq: 16 Jun 2022 04:31

Tgt Ion: 164 Resp: 80770

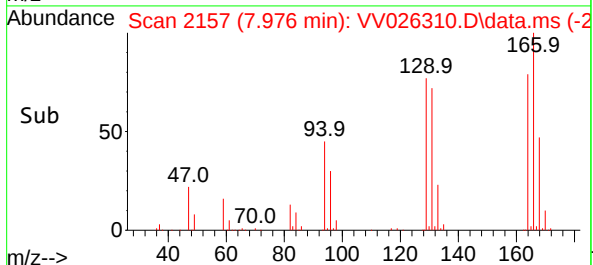
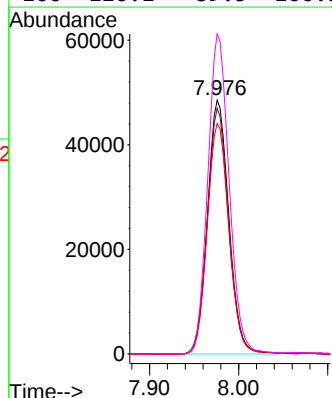
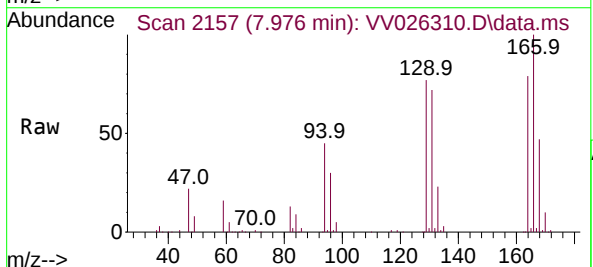
Ion Ratio Lower Upper

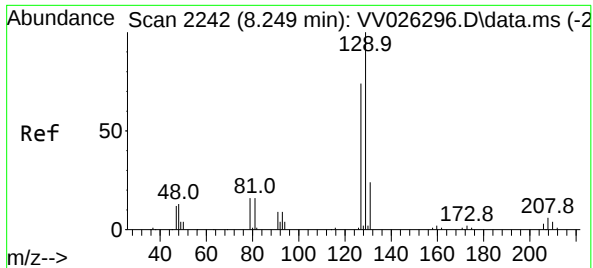
164 100

129 96.7 67.5 125.3

131 90.8 63.8 118.4

166 126.1 89.5 166.3

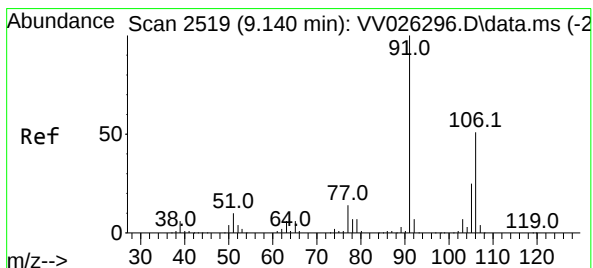
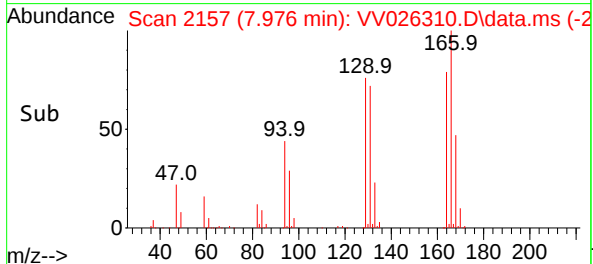
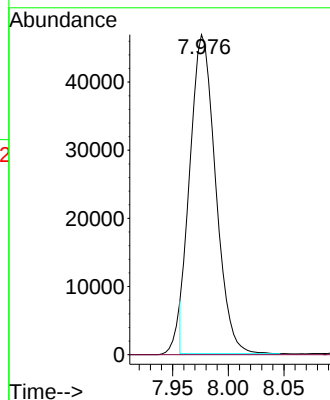
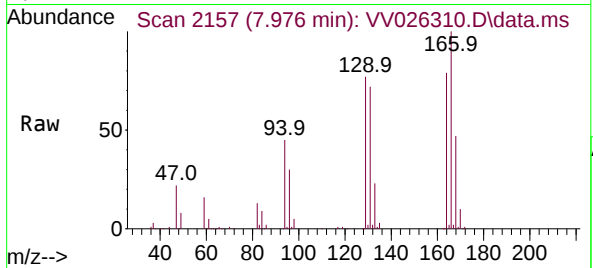




#49
Dibromochloromethane
Concen: 7.831 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.273 min
Lab File: VV026310.D
Acq: 16 Jun 2022 04:31

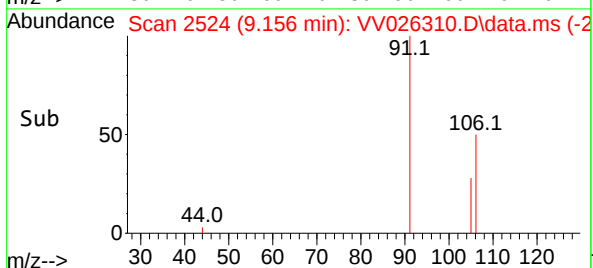
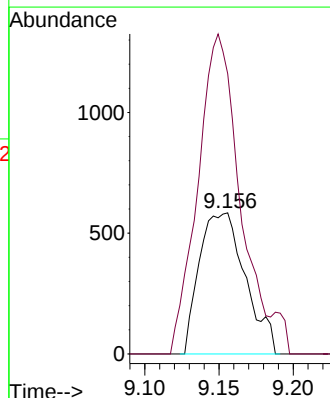
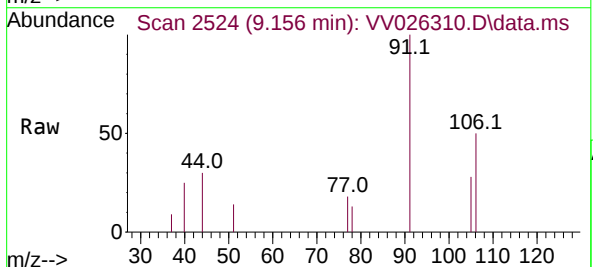
Instrument :
MSVOA_V
ClientSampleId :
C0BB8

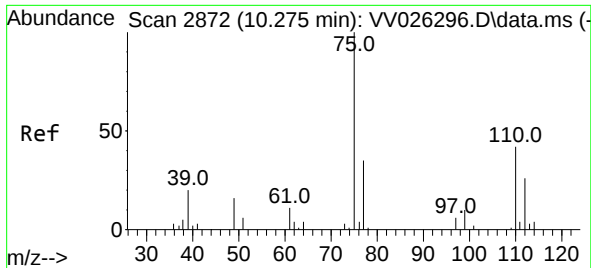
Tgt Ion:129 Resp: 74306
Ion Ratio Lower Upper
129 100
127 0.2 56.4 104.7#



#53
m,p-Xylene
Concen: 0.061 ug/L
RT: 9.156 min Scan# 2524
Delta R.T. 0.016 min
Lab File: VV026310.D
Acq: 16 Jun 2022 04:31

Tgt Ion:106 Resp: 1255
Ion Ratio Lower Upper
106 100
91 198.6 141.3 262.3





#61
 1,2,3-Trichloropropane
 Concen: 0.405 ug/L
 RT: 10.014 min Scan# 21
 Delta R.T. -0.260 min
 Lab File: VV026310.D
 Acq: 16 Jun 2022 04:31

Instrument :
 MSVOA_V
 ClientSampleId :
 C0BB8

Tgt Ion: 75	Resp:	2048
Ion Ratio	Lower	Upper
75	100	
77	0.0	26.9
110	0.0	30.7

