

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061522\
 Data File : VW026302.D
 Acq On : 16 Jun 2022 01:20
 Operator : SY/MD
 Sample : N3274-07 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B97

Quant Time: Jun 16 06:57:04 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	213194	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	201509	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	82107	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	74171	4.005	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.200%
7) Chloroethane-d5	1.581	69	59339	4.076	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.600%
11) 1,1-Dichloroethene-d2	2.118	63	106871	3.361	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.200%
20) 2-Butanone-d5	3.921	46	86071	47.636	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.280%
24) Chloroform-d	4.359	84	126457	4.659	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
26) 1,2-Dichloroethane-d4	5.043	65	52678	4.588	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
32) Benzene-d6	5.056	84	247562	4.595	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
36) 1,2-Dichloropropane-d6	6.076	67	74536	4.740	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.800%
41) Toluene-d8	7.320	98	199421	4.060	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.200%
43) trans-1,3-Dichloroprop...	7.629	79	18621	3.652	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.000%
46) 2-Hexanone-d5	8.095	63	72340	46.970	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.940%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	44560	4.600	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	62101	4.910	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.256	50	1653	0.093	ug/L	99
6) Bromomethane	1.536	94	1506	0.146	ug/L	98
9) Trichlorofluoromethane	1.764	101	48449	1.907	ug/L	99
12) 1,1-Dichloroethene	2.121	96	1140	0.085	ug/L #	1
16) Methylene chloride	2.519	84	6163	0.359	ug/L	94
22) cis-1,2-Dichloroethene	3.928	96	6473	0.490	ug/L	99
25) Chloroform	4.388	83	4507	0.167	ug/L	96
27) 1,2-Dichloroethane	5.060	62	1283	0.104	ug/L #	71
34) Trichloroethene	5.921	95	13817	0.980	ug/L	95
35) Methylcyclohexane	6.076	83	17687	0.907	ug/L #	19
37) 1,2-Dichloropropane	6.072	63	7681	0.568	ug/L #	88
39) cis-1,3-Dichloropropene	6.992	75	1254	0.081	ug/L #	50
45) 1,1,2-Trichloroethane	7.850	97	687	0.077	ug/L	90
47) Tetrachloroethene	7.976	164	139765	13.378	ug/L	99
49) Dibromochloromethane	7.976	129	127176	12.948	ug/L #	9
51) Chlorobenzene	8.886	112	1660	0.047	ug/L #	65
61) 1,2,3-Trichloropropane	11.246	75	9517	1.786	ug/L #	67

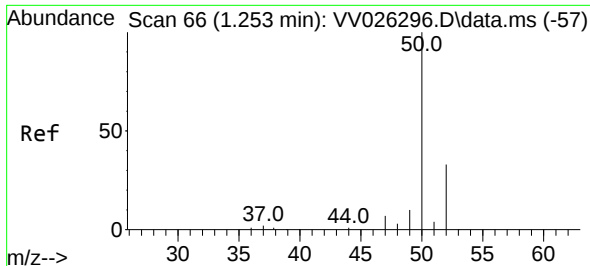
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061522\
Data File : VV026302.D
Acq On : 16 Jun 2022 01:20
Operator : SY/MD
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jun 16 04:34:39 2022
Response via : Initial Calibration

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

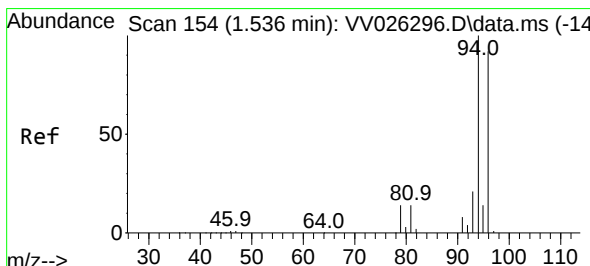
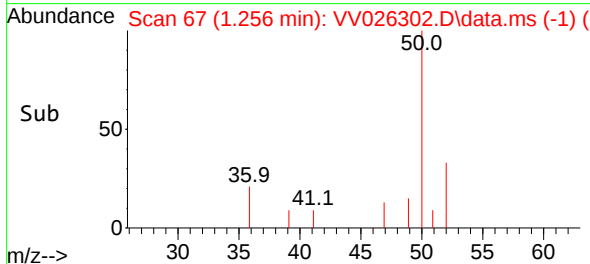
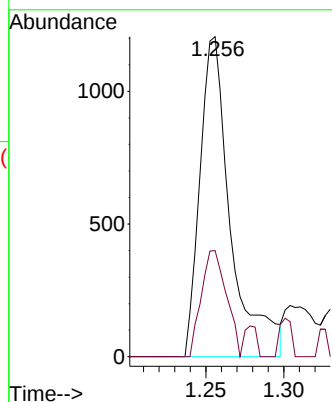
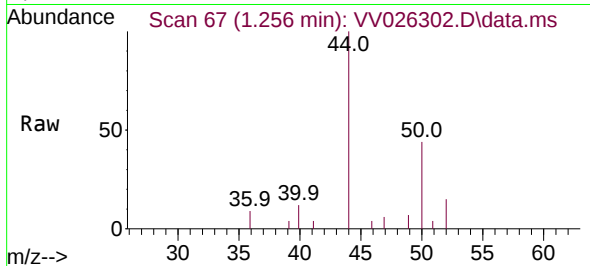
(#)=qualifier out of range (m)=manual integration (+)=signals summed						



#3
Chloromethane
Concen: 0.093 ug/L
RT: 1.256 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV026302.D
Acq: 16 Jun 2022 01:20

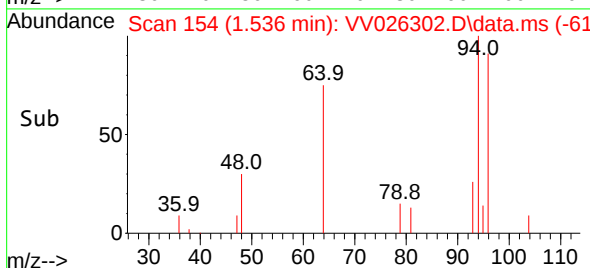
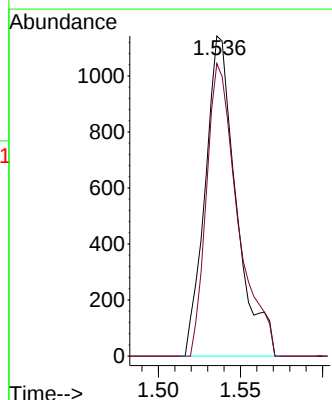
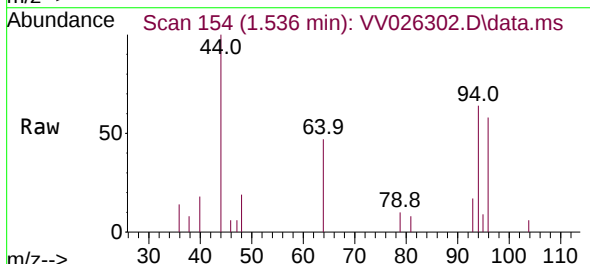
Instrument :
MSVOA_V
ClientSampleId :
C0B97

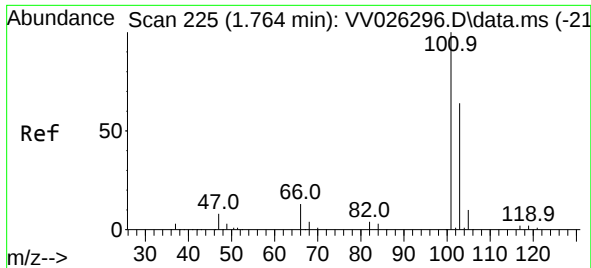
Tgt Ion: 50 Resp: 1653
Ion Ratio Lower Upper
50 100
52 33.2 23.7 44.1



#6
Bromomethane
Concen: 0.146 ug/L
RT: 1.536 min Scan# 154
Delta R.T. 0.000 min
Lab File: VV026302.D
Acq: 16 Jun 2022 01:20

Tgt Ion: 94 Resp: 1506
Ion Ratio Lower Upper
94 100
96 91.4 65.7 121.9

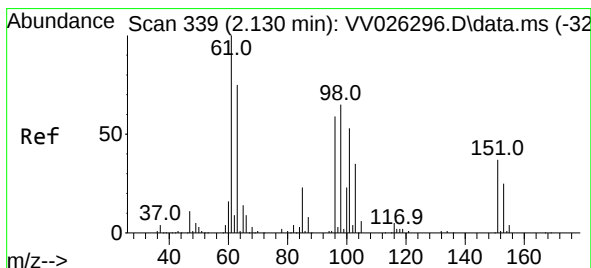
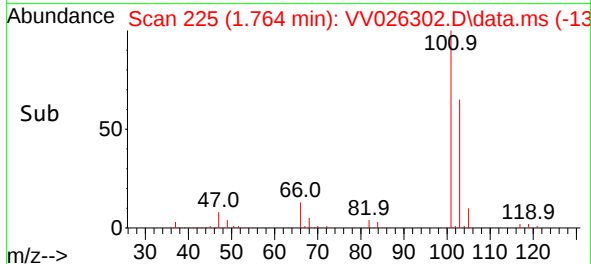
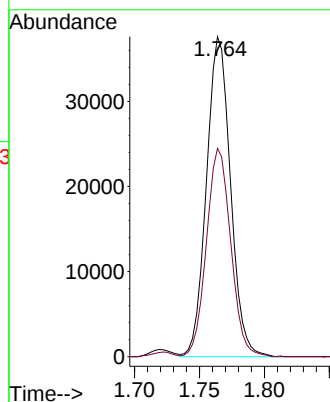
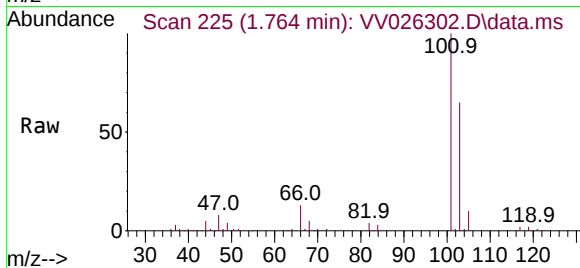




#9
 Trichlorofluoromethane
 Concen: 1.907 ug/L
 RT: 1.764 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV026302.D
 Acq: 16 Jun 2022 01:20

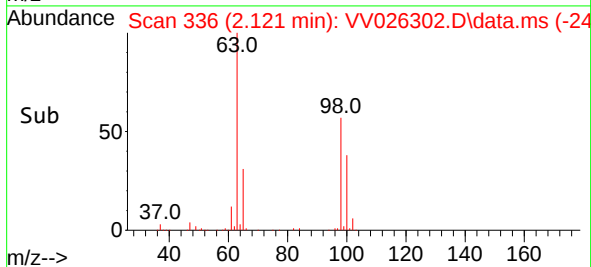
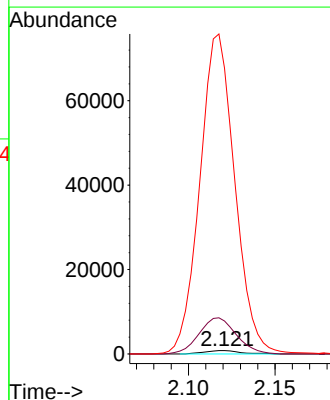
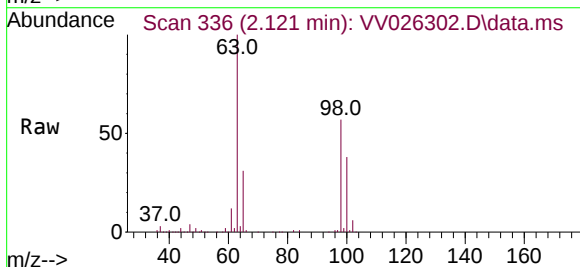
Instrument :
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 ClientSampleId :
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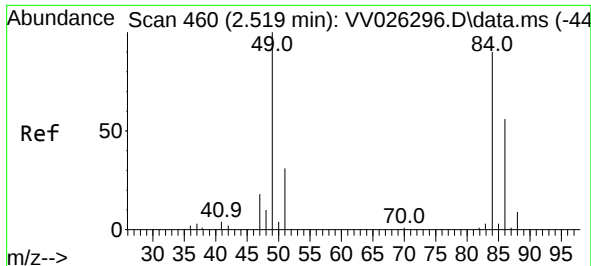
Tgt Ion:101 Resp: 48449
 Ion Ratio Lower Upper
 101 100
 103 65.8 52.3 78.5



#12
 1,1-Dichloroethene
 Concen: 0.085 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. -0.010 min
 Lab File: VV026302.D
 Acq: 16 Jun 2022 01:20

Tgt Ion: 96 Resp: 1140
 Ion Ratio Lower Upper
 96 100
 61 967.8 117.1 217.5#
 63 8390.6 92.8 172.4#

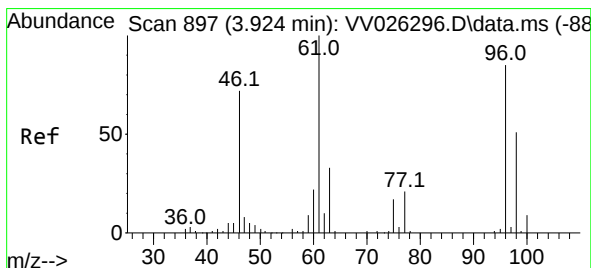
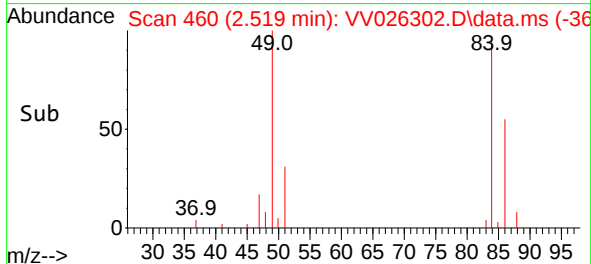
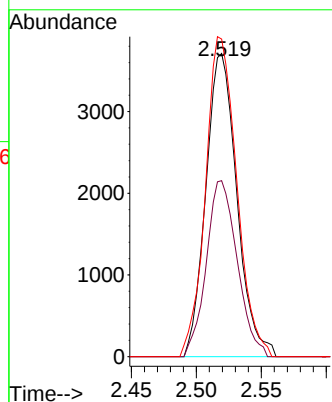
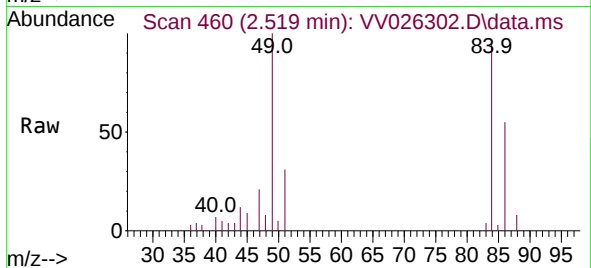




#16
Methylene chloride
Concen: 0.359 ug/L
RT: 2.519 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV026302.D
Acq: 16 Jun 2022 01:20

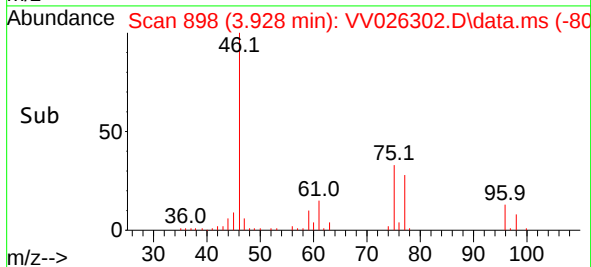
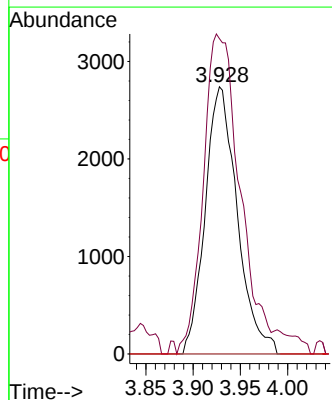
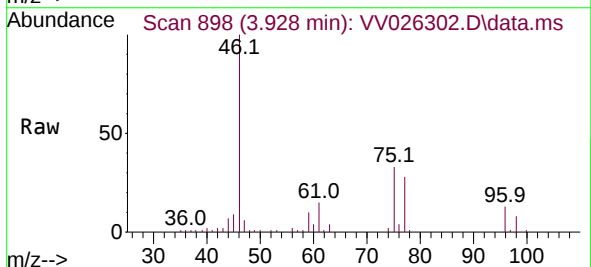
Instrument :
MSVOA_V
ClientSampleId :
C0B97

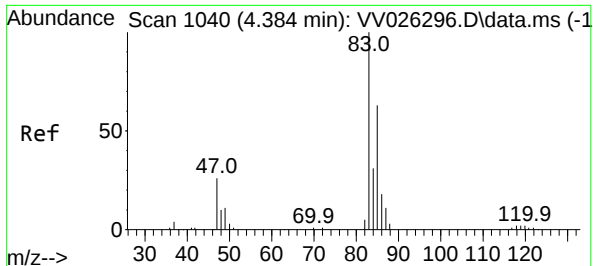
Tgt Ion: 84 Resp: 6163
Ion Ratio Lower Upper
84 100
86 58.0 44.0 81.8
49 104.8 77.3 143.7



#22
cis-1,2-Dichloroethene
Concen: 0.490 ug/L
RT: 3.928 min Scan# 898
Delta R.T. 0.003 min
Lab File: VV026302.D
Acq: 16 Jun 2022 01:20

Tgt Ion: 96 Resp: 6473
Ion Ratio Lower Upper
96 100
61 118.1 83.6 155.2
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.167 ug/L

RT: 4.388 min Scan# 1040

Delta R.T. 0.003 min

Lab File: VV026302.D

Acq: 16 Jun 2022 01:20

Instrument :

MSVOA_V

ClientSampleId :

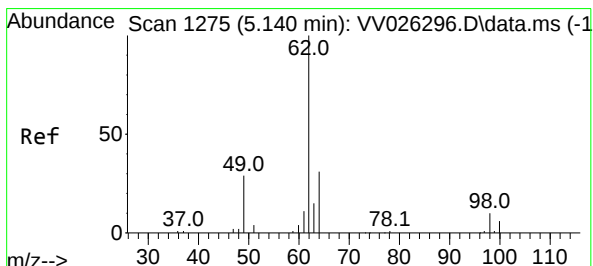
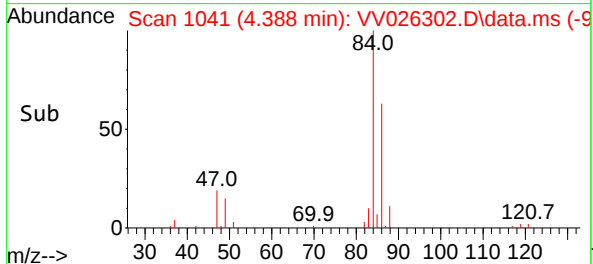
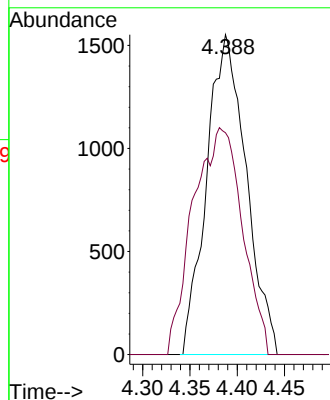
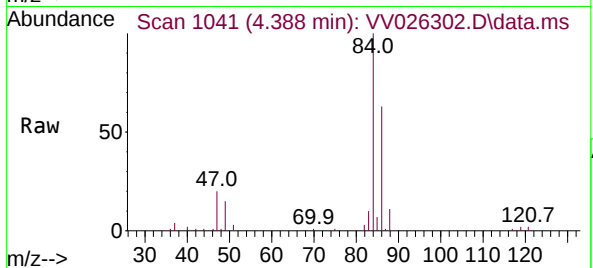
C0B97

Tgt Ion: 83 Resp: 4507

Ion Ratio Lower Upper

83 100

85 69.3 46.5 86.3



#27

1,2-Dichloroethane

Concen: 0.104 ug/L

RT: 5.060 min Scan# 1250

Delta R.T. -0.080 min

Lab File: VV026302.D

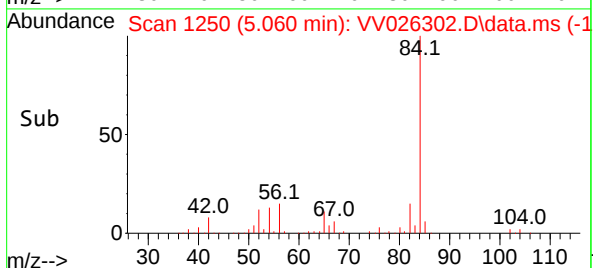
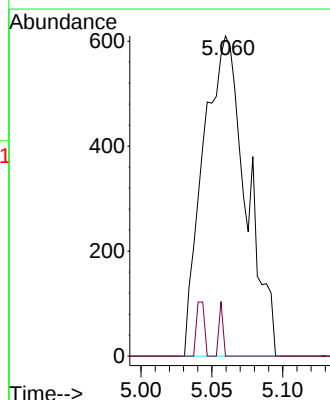
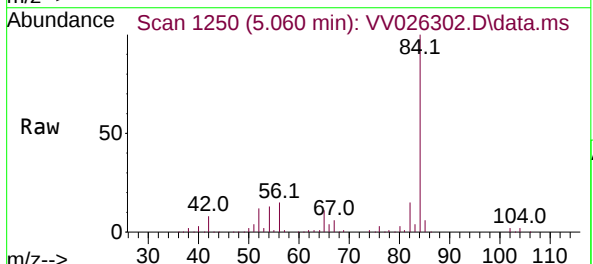
Acq: 16 Jun 2022 01:20

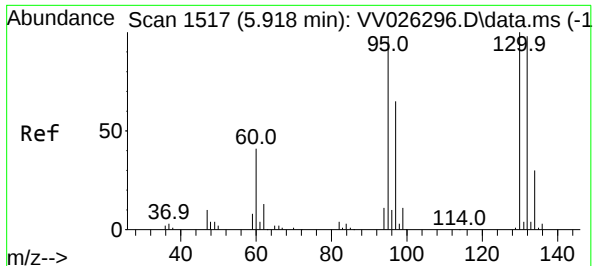
Tgt Ion: 62 Resp: 1283

Ion Ratio Lower Upper

62 100

98 0.0 8.6 13.0#

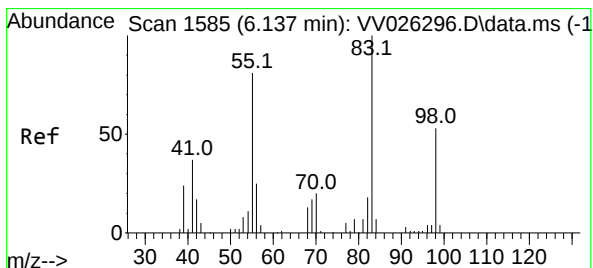
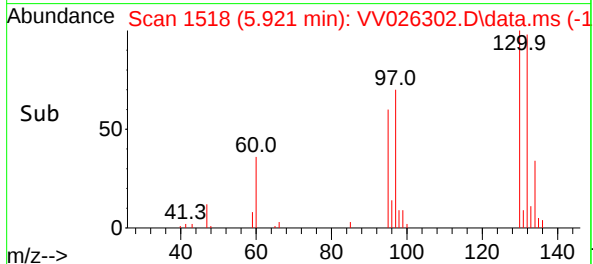
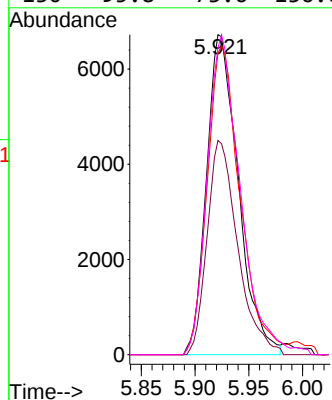
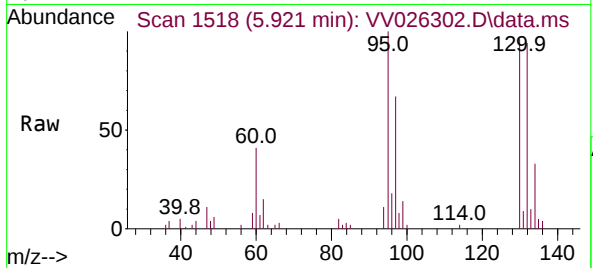




#34
Trichloroethene
Concen: 0.980 ug/L
RT: 5.921 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV026302.D
Acq: 16 Jun 2022 01:20

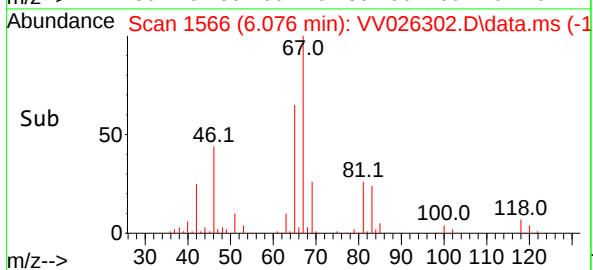
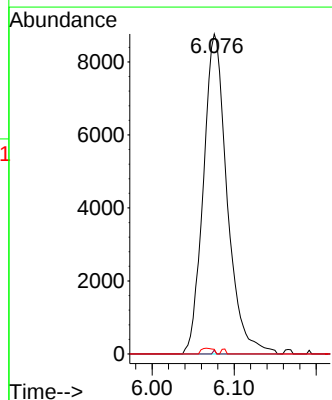
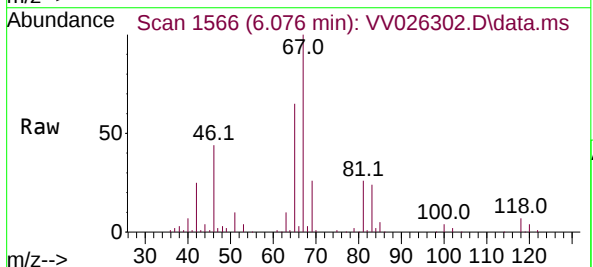
Instrument :
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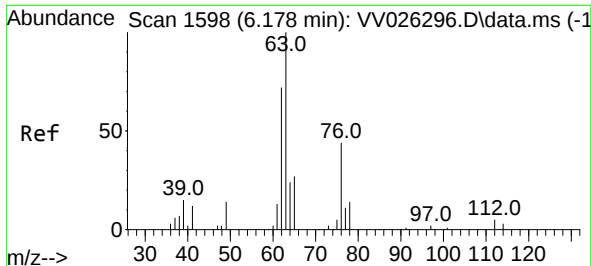
Tgt Ion: 95 Resp: 13817
Ion Ratio Lower Upper
95 100
97 66.9 46.5 86.3
132 94.2 68.8 127.8
130 95.8 73.6 136.6



#35
Methylcyclohexane
Concen: 0.907 ug/L
RT: 6.076 min Scan# 1566
Delta R.T. -0.061 min
Lab File: VV026302.D
Acq: 16 Jun 2022 01:20

Tgt Ion: 83 Resp: 17687
Ion Ratio Lower Upper
83 100
55 0.1 59.3 88.9#
98 0.9 39.9 59.9#





#37

1,2-Dichloropropane

Concen: 0.568 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.106 min

Lab File: VV026302.D

Acq: 16 Jun 2022 01:20

Instrument :

MSVOA_V

ClientSampleId :

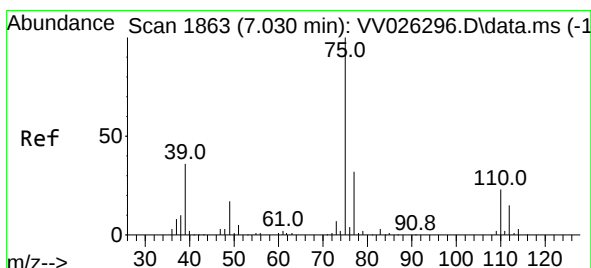
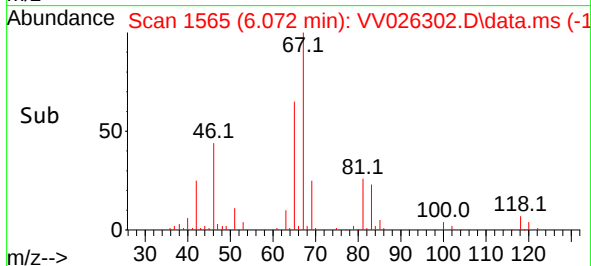
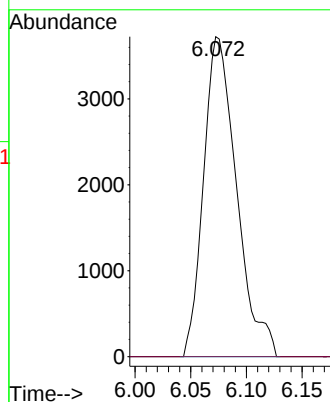
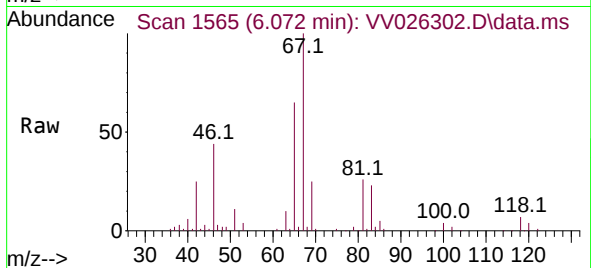
C0B97

Tgt Ion: 63 Resp: 7681

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



#39

cis-1,3-Dichloropropene

Concen: 0.081 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.038 min

Lab File: VV026302.D

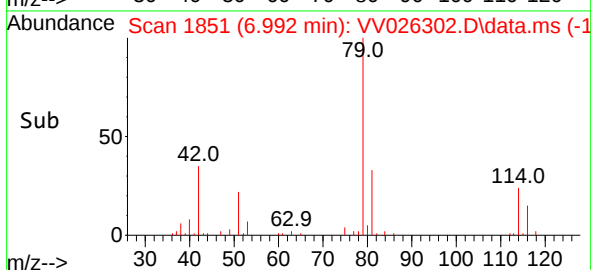
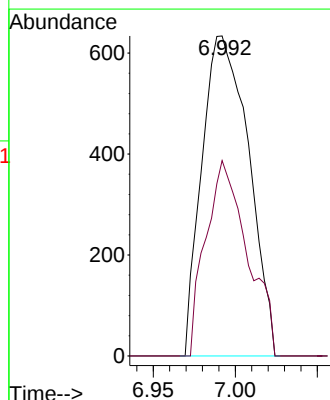
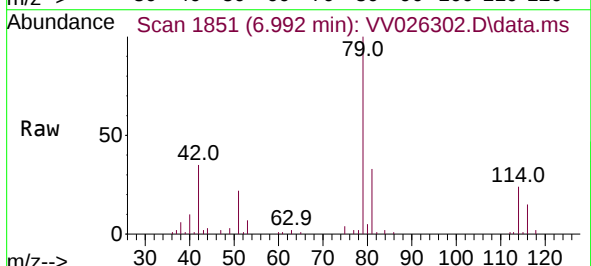
Acq: 16 Jun 2022 01:20

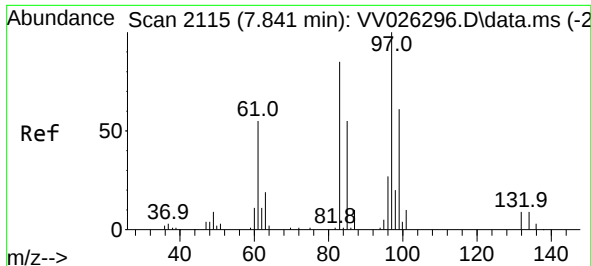
Tgt Ion: 75 Resp: 1254

Ion Ratio Lower Upper

75 100

77 61.0 23.0 42.6#





#45

1,1,2-Trichloroethane

Concen: 0.077 ug/L

RT: 7.850 min Scan# 2115

Delta R.T. 0.010 min

Lab File: VV026302.D

Acq: 16 Jun 2022 01:20

Instrument :

MSVOA_V

ClientSampleId :

C0B97

Tgt Ion: 97 Resp: 687

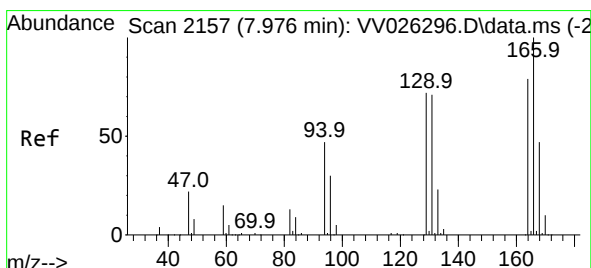
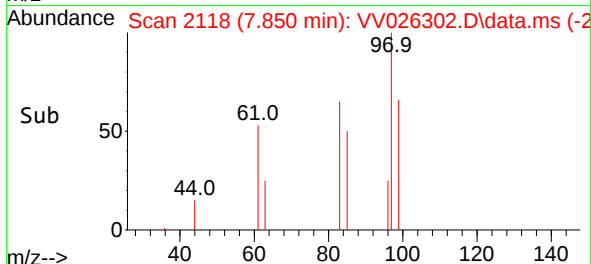
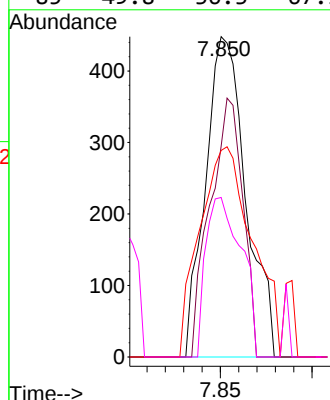
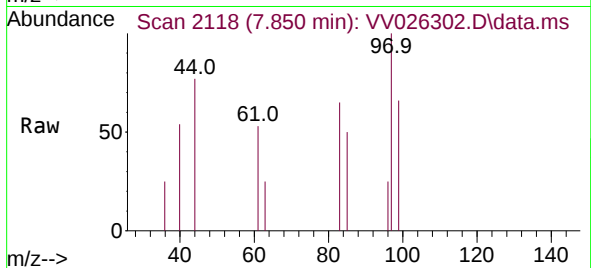
Ion Ratio Lower Upper

97 100

99 65.8 42.4 78.6

83 64.5 56.1 104.1

85 49.8 36.3 67.5



#47

Tetrachloroethene

Concen: 13.378 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.000 min

Lab File: VV026302.D

Acq: 16 Jun 2022 01:20

Tgt Ion:164 Resp: 139765

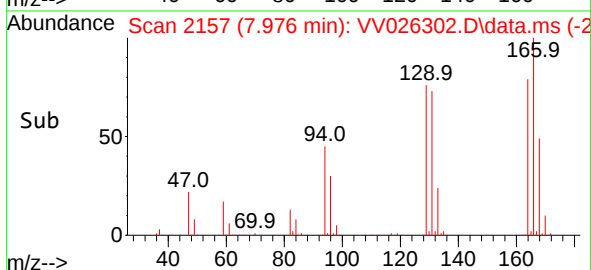
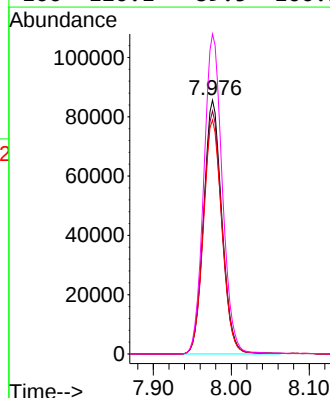
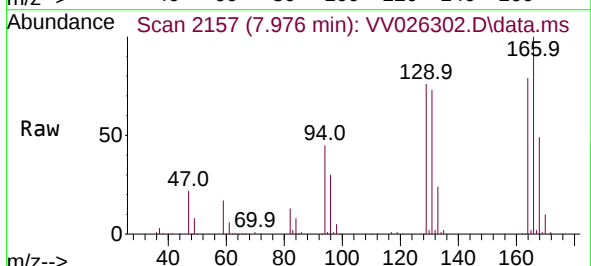
Ion Ratio Lower Upper

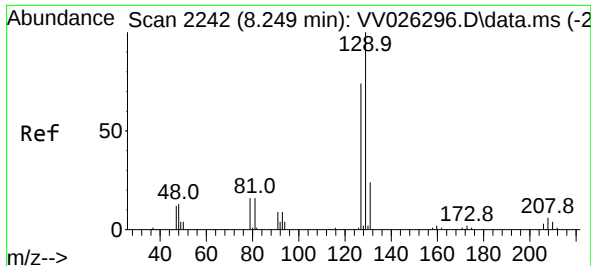
164 100

129 95.7 67.5 125.3

131 92.2 63.8 118.4

166 126.1 89.5 166.3





#49

Dibromochloromethane

Concen: 12.948 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.273 min

Lab File: VV026302.D

Acq: 16 Jun 2022 01:20

Instrument :

MSVOA_V

ClientSampleId :

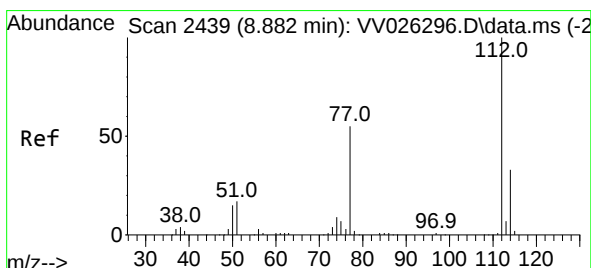
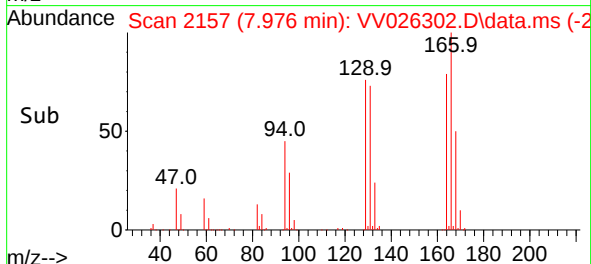
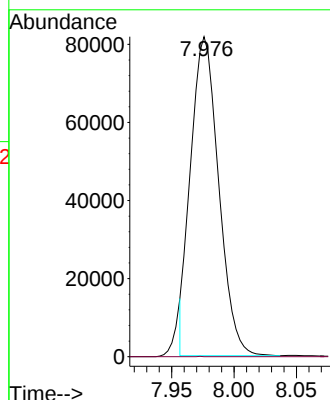
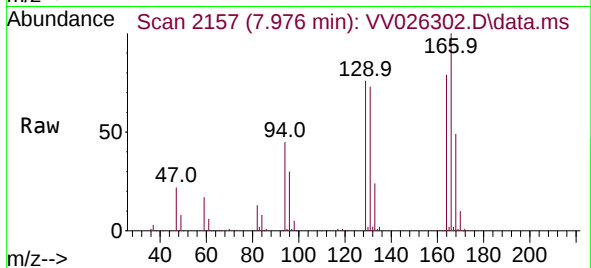
C0B97

Tgt Ion:129 Resp: 127176

Ion Ratio Lower Upper

129 100

127 0.0 56.4 104.7#



#51

Chlorobenzene

Concen: 0.047 ug/L

RT: 8.886 min Scan# 2440

Delta R.T. 0.003 min

Lab File: VV026302.D

Acq: 16 Jun 2022 01:20

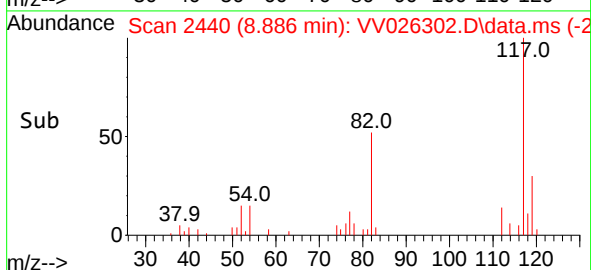
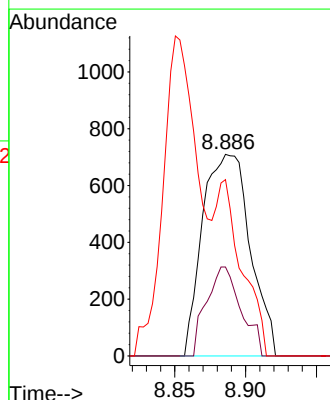
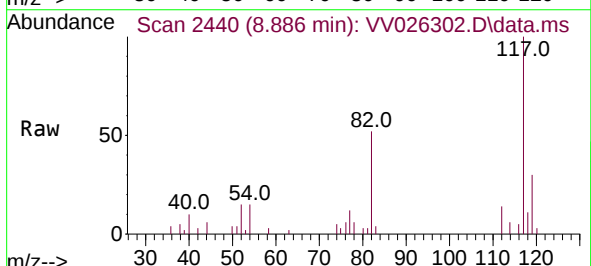
Tgt Ion:112 Resp: 1660

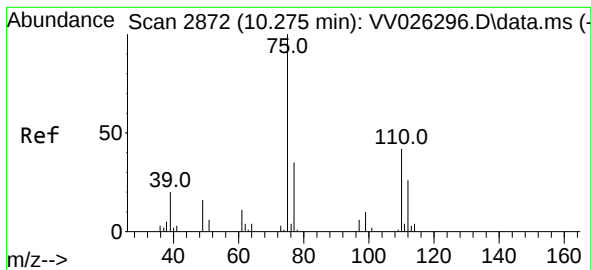
Ion Ratio Lower Upper

112 100

114 44.1 22.7 42.3#

77 87.5 44.5 66.7#





#61

1,2,3-Trichloropropane

Concen: 1.786 ug/L

RT: 11.246 min Scan# 31

Delta R.T. 0.971 min

Lab File: VV026302.D

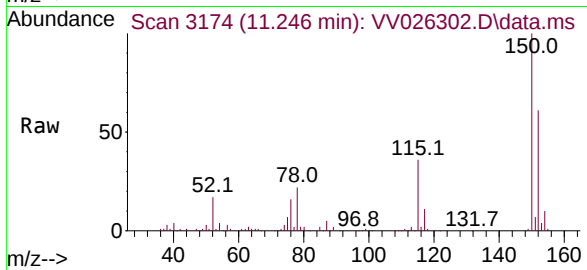
Acq: 16 Jun 2022 01:20

Instrument :

MSVOA_V

ClientSampleId :

C0B97



Tgt Ion: 75 Resp: 9517

Ion Ratio Lower Upper

75 100

77 32.7 26.9 40.3

110 2.0 30.7 46.1#

