

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061522\
 Data File : VW026315.D
 Acq On : 16 Jun 2022 06:30
 Operator : SY/MD
 Sample : N3274-03DL 40000X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B93DL

Quant Time: Jun 16 07:00:15 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)

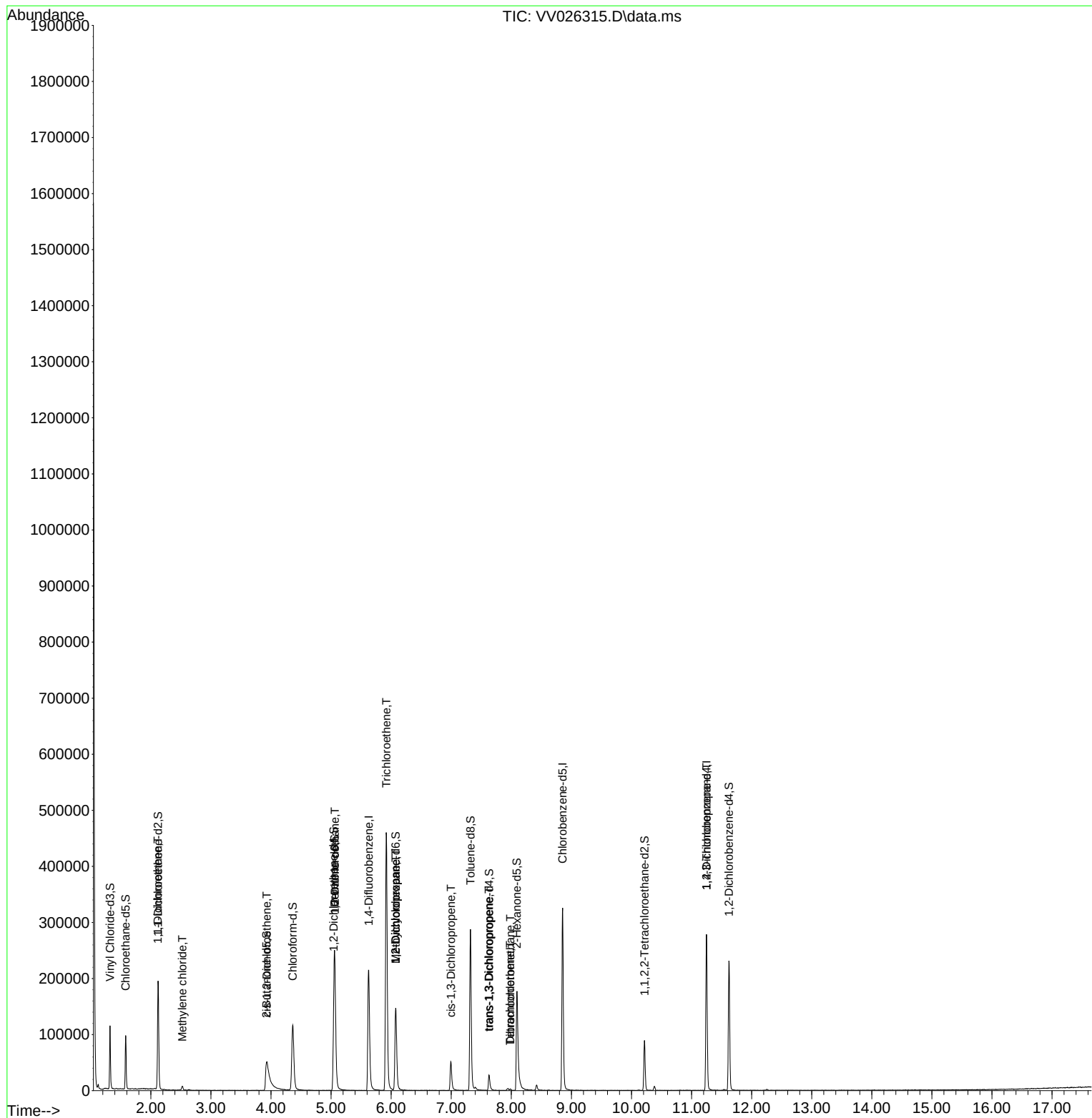
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	196822	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	187804	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	75069	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	75234	4.401	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.000%
7) Chloroethane-d5	1.581	69	61786	4.597	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.000%
11) 1,1-Dichloroethene-d2	2.121	63	102302	3.485	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.600%
20) 2-Butanone-d5	3.925	46	88620	53.126	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.260%
24) Chloroform-d	4.362	84	125664	5.015	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.400%
26) 1,2-Dichloroethane-d4	5.043	65	51410	4.850	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
32) Benzene-d6	5.060	84	238975	4.760	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
36) 1,2-Dichloropropane-d6	6.076	67	76013	5.187	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.800%
41) Toluene-d8	7.320	98	194881	4.257	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.200%
43) trans-1,3-Dichloroprop...	7.629	79	18720	3.940	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.800%
46) 2-Hexanone-d5	8.092	63	62631	43.633	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.260%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	44417	4.920	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	61346	5.305	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.200%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.118	96	1007	0.081	ug/L #	1
16) Methylene chloride	2.523	84	3031	0.191	ug/L	96
22) cis-1,2-Dichloroethene	3.931	96	937	0.077	ug/L #	44
27) 1,2-Dichloroethane	5.063	62	1218	0.107	ug/L #	71
34) Trichloroethene	5.918	95	166649	12.678	ug/L	98
35) Methylcyclohexane	6.076	83	18400	1.012	ug/L #	19
37) 1,2-Dichloropropane	6.076	63	8087	0.642	ug/L #	88
39) cis-1,3-Dichloropropene	6.995	75	1446	0.101	ug/L #	73
44) trans-1,3-Dichloropropene	7.625	75	895	0.078	ug/L #	65
47) Tetrachloroethene	7.979	164	675	0.069	ug/L #	63
49) Dibromochloromethane	7.985	129	647	0.071	ug/L #	9
61) 1,2,3-Trichloropropane	11.249	75	8485	1.742	ug/L #	65

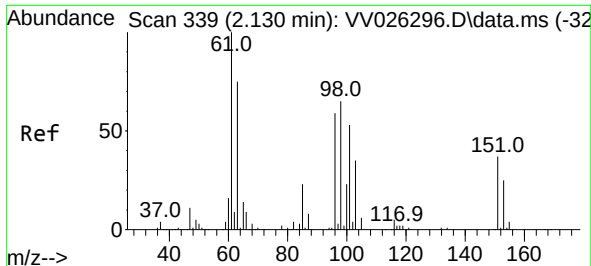
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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#12

1,1-Dichloroethene

Concen: 0.081 ug/L

RT: 2.118 min Scan# 31

Delta R.T. -0.013 min

Lab File: VV026315.D

Acq: 16 Jun 2022 06:30

Instrument :

MSVOA_V

ClientSampleId :

C0B93DL

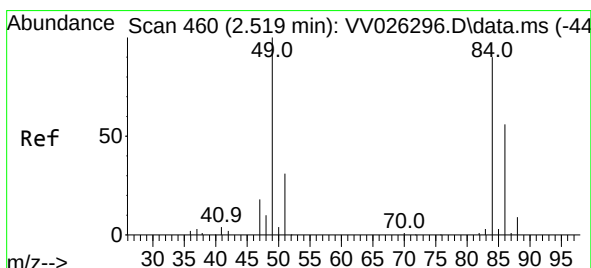
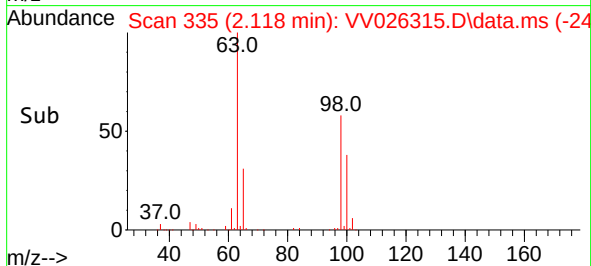
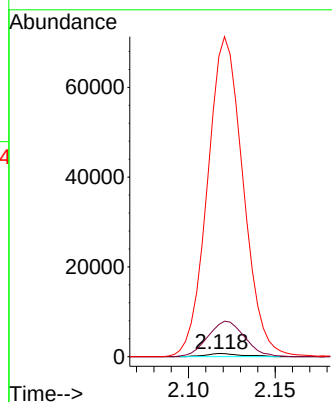
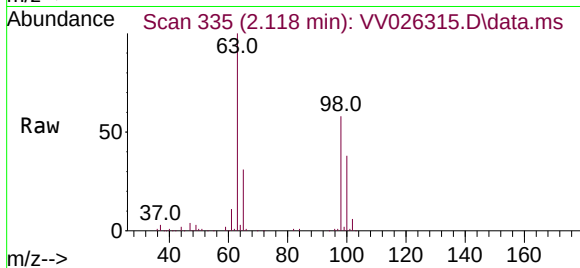
Tgt Ion: 96 Resp: 1007

Ion Ratio Lower Upper

96 100

61 1023.2 117.1 217.5#

63 9536.2 92.8 172.4#



#16

Methylene chloride

Concen: 0.191 ug/L

RT: 2.523 min Scan# 461

Delta R.T. 0.003 min

Lab File: VV026315.D

Acq: 16 Jun 2022 06:30

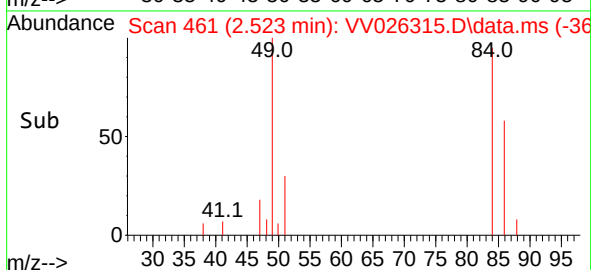
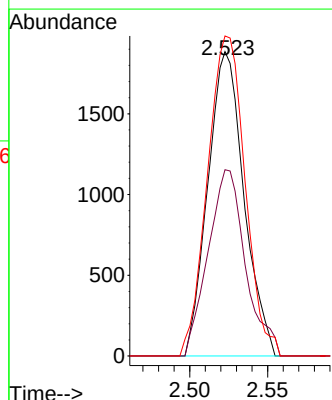
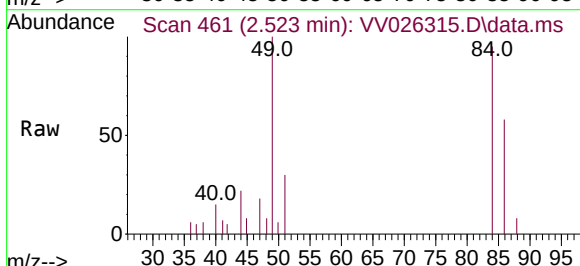
Tgt Ion: 84 Resp: 3031

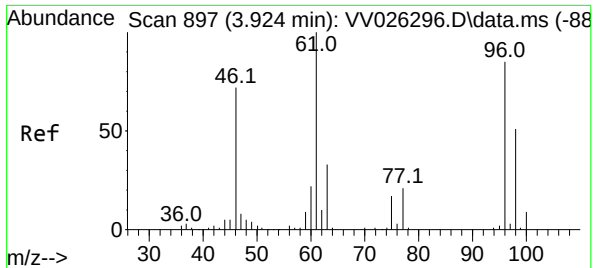
Ion Ratio Lower Upper

84 100

86 61.2 44.0 81.8

49 105.1 77.3 143.7

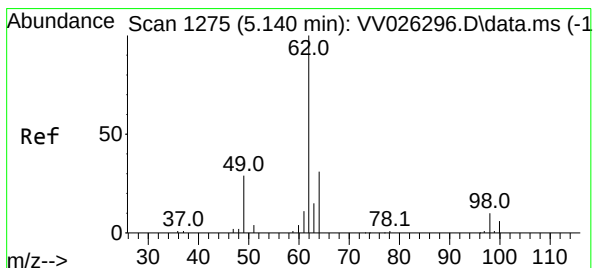
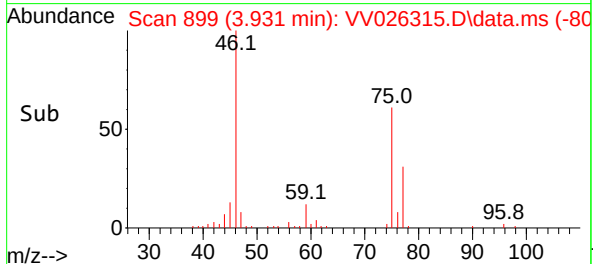
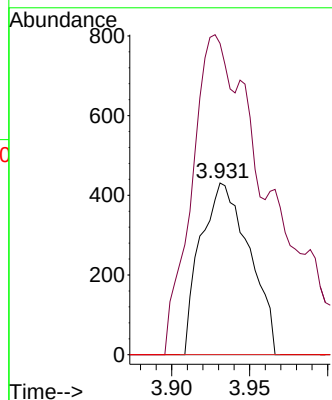
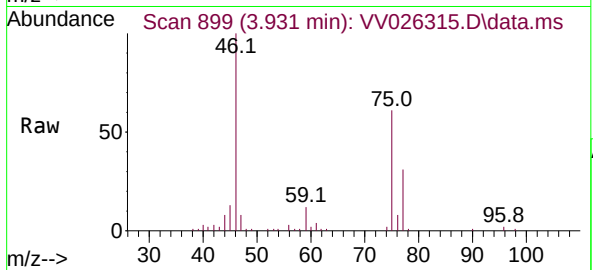




#22
 cis-1,2-Dichloroethene
 Concen: 0.077 ug/L
 RT: 3.931 min Scan# 899
 Delta R.T. 0.006 min
 Lab File: VV026315.D
 Acq: 16 Jun 2022 06:30

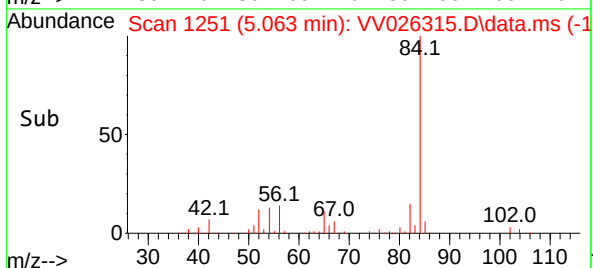
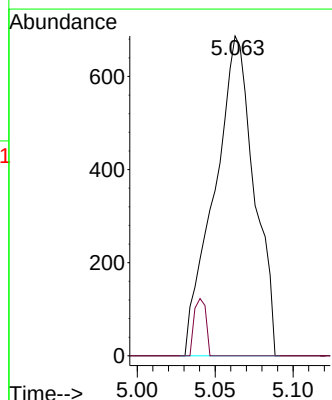
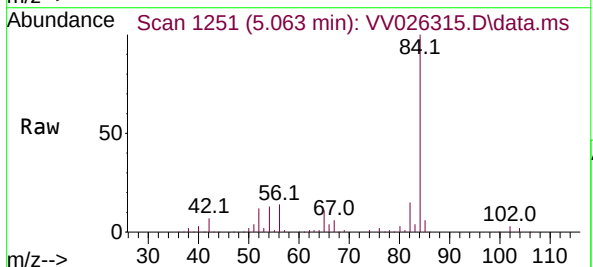
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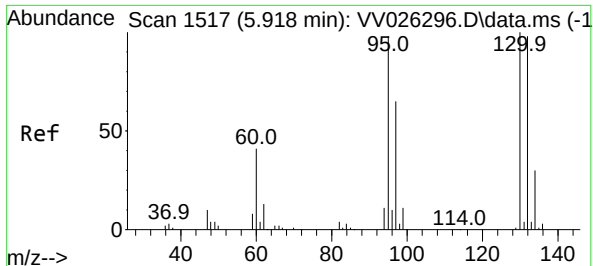
Tgt Ion: 96 Resp: 937
 Ion Ratio Lower Upper
 96 100
 61 181.2 83.6 155.2#
 68 0.0 0.0 0.0



#27
 1,2-Dichloroethane
 Concen: 0.107 ug/L
 RT: 5.063 min Scan# 1251
 Delta R.T. -0.077 min
 Lab File: VV026315.D
 Acq: 16 Jun 2022 06:30

Tgt Ion: 62 Resp: 1218
 Ion Ratio Lower Upper
 62 100
 98 0.0 8.6 13.0#

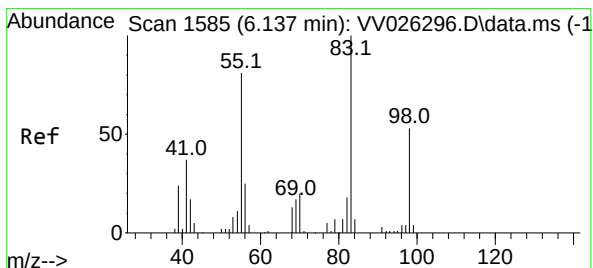
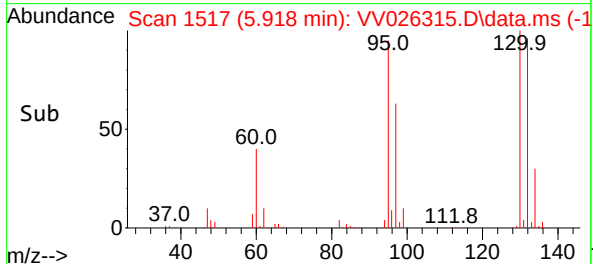
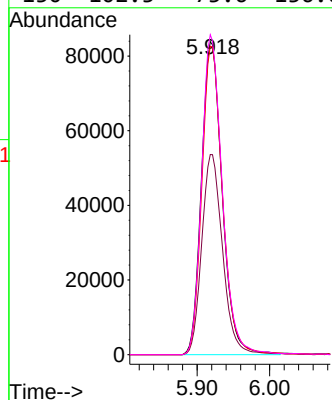
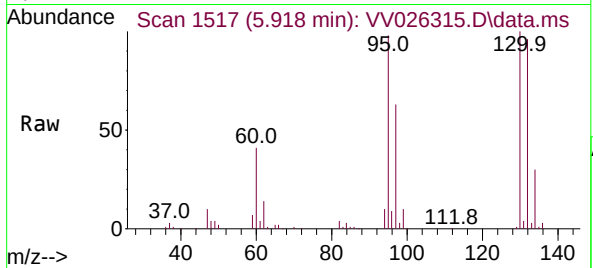




#34
Trichloroethene
Concen: 12.678 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VV026315.D
Acq: 16 Jun 2022 06:30

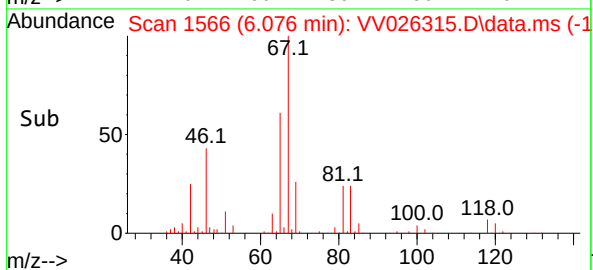
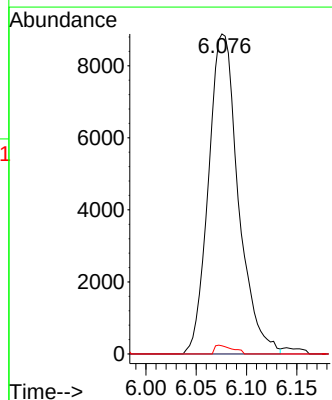
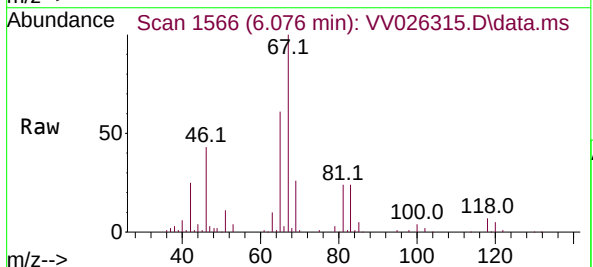
Instrument :
MSVOA_V
ClientSampleId :
C0B93DL

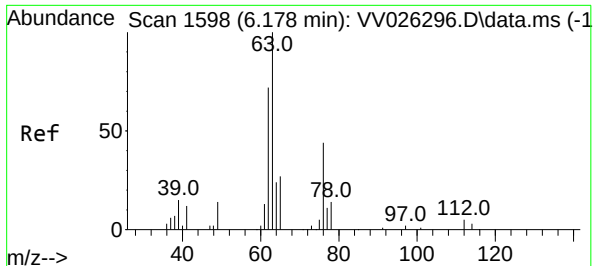
Tgt Ion: 95 Resp: 166649
Ion Ratio Lower Upper
95 100
97 64.0 46.5 86.3
132 98.6 68.8 127.8
130 102.3 73.6 136.6



#35
Methylcyclohexane
Concen: 1.012 ug/L
RT: 6.076 min Scan# 1566
Delta R.T. -0.061 min
Lab File: VV026315.D
Acq: 16 Jun 2022 06:30

Tgt Ion: 83 Resp: 18400
Ion Ratio Lower Upper
83 100
55 0.0 59.3 88.9#
98 1.6 39.9 59.9#





#37

1,2-Dichloropropane

Concen: 0.642 ug/L

RT: 6.076 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV026315.D

Acq: 16 Jun 2022 06:30

Instrument :

MSVOA_V

ClientSampleId :

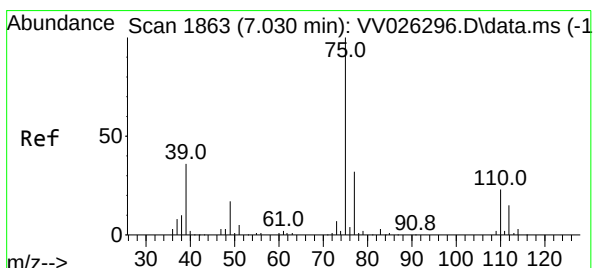
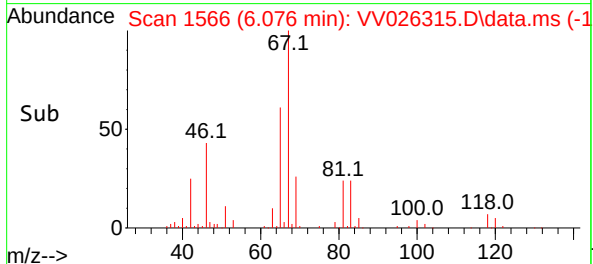
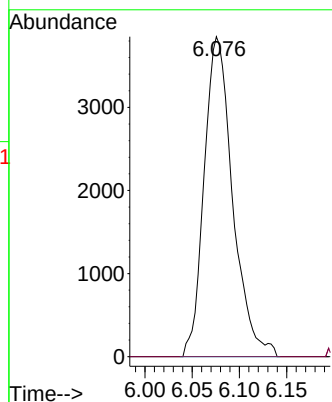
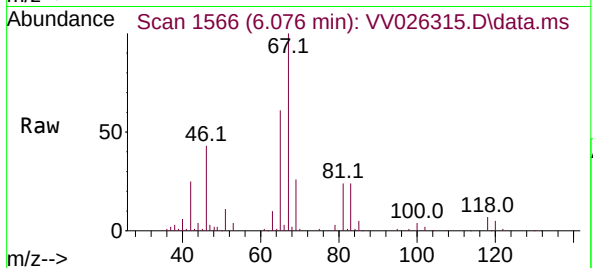
C0B93DL

Tgt Ion: 63 Resp: 8087

Ion Ratio Lower Upper

63 100

112 0.2 3.3 4.9#



#39

cis-1,3-Dichloropropene

Concen: 0.101 ug/L

RT: 6.995 min Scan# 1852

Delta R.T. -0.035 min

Lab File: VV026315.D

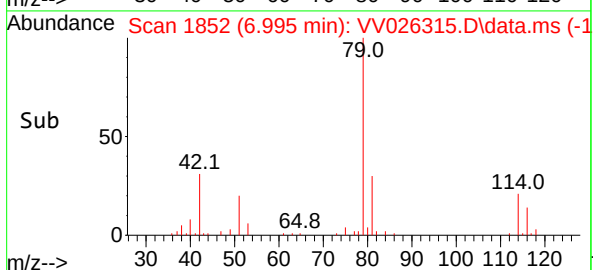
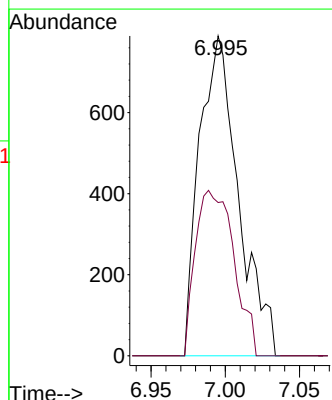
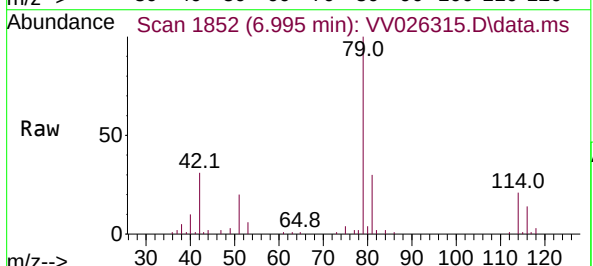
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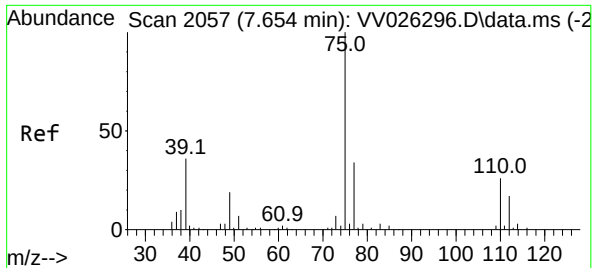
Tgt Ion: 75 Resp: 1446

Ion Ratio Lower Upper

75 100

77 47.9 23.0 42.6#

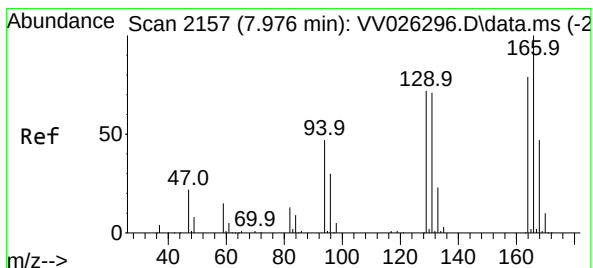
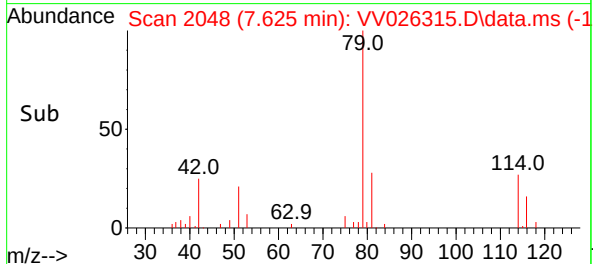
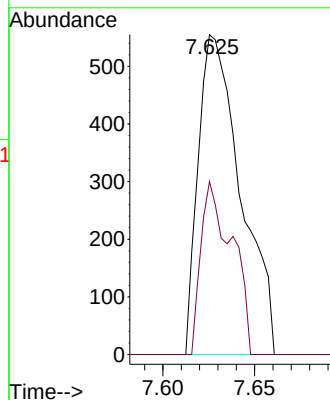
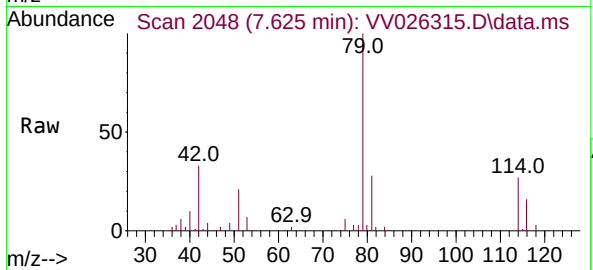




#44
trans-1,3-Dichloropropene
Concen: 0.078 ug/L
RT: 7.625 min Scan# 2057
Delta R.T. -0.029 min
Lab File: VV026315.D
Acq: 16 Jun 2022 06:30

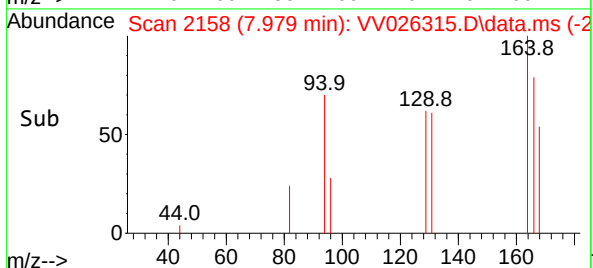
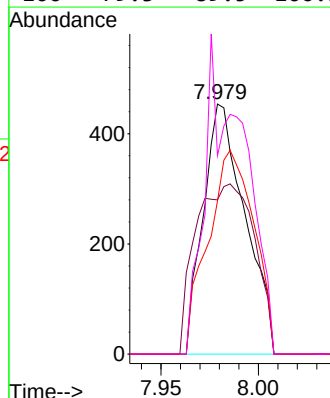
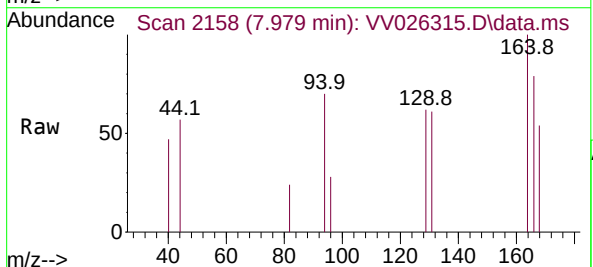
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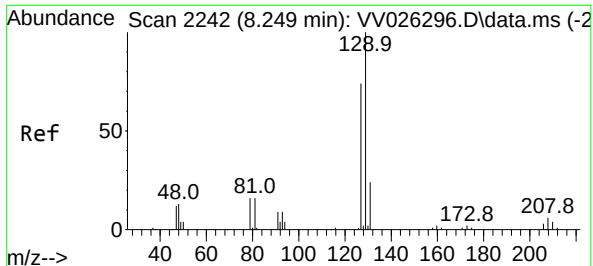
Tgt Ion: 75 Resp: 895
Ion Ratio Lower Upper
75 100
77 54.1 23.7 43.9#



#47
Tetrachloroethene
Concen: 0.069 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV026315.D
Acq: 16 Jun 2022 06:30

Tgt Ion: 164 Resp: 675
Ion Ratio Lower Upper
164 100
129 61.7 67.5 125.3#
131 61.2 63.8 118.4#
166 79.3 89.5 166.3#





#49

Dibromochloromethane

Concen: 0.071 ug/L

RT: 7.985 min Scan# 2160

Delta R.T. -0.264 min

Lab File: VV026315.D

Acq: 16 Jun 2022 06:30

Instrument :

MSVOA_V

ClientSampleId :

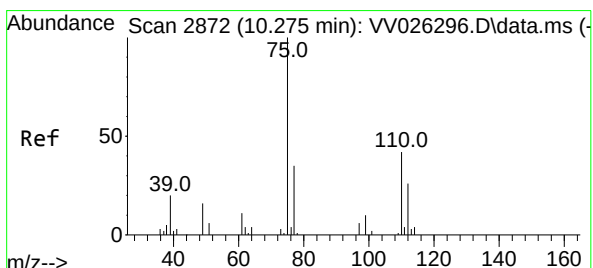
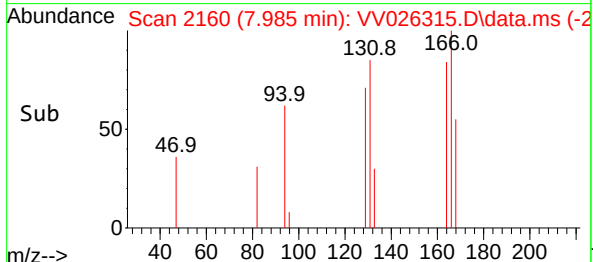
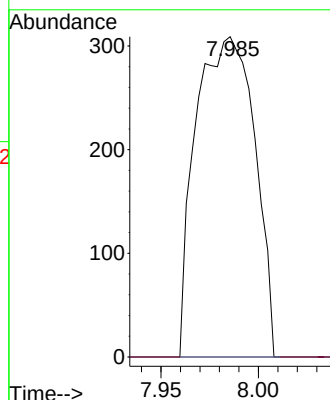
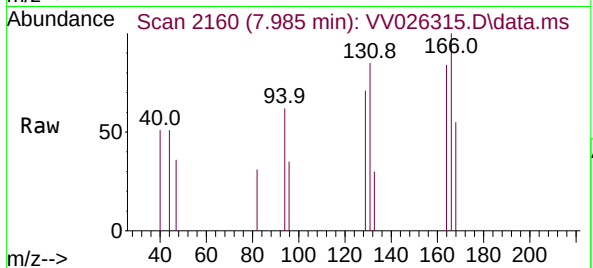
C0B93DL

Tgt Ion:129 Resp: 647

Ion Ratio Lower Upper

129 100

127 0.0 56.4 104.7#



#61

1,2,3-Trichloropropane

Concen: 1.742 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.974 min

Lab File: VV026315.D

Acq: 16 Jun 2022 06:30

Tgt Ion: 75 Resp: 8485

Ion Ratio Lower Upper

75 100

77 31.6 26.9 40.3

110 0.5 30.7 46.1#

