

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061522\
 Data File : VW026299.D
 Acq On : 16 Jun 2022 00:08
 Operator : SY/MD
 Sample : N3273-15 20X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B90DL

Quant Time: Jun 16 06:56:18 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	216525	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	203380	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	81127	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	91579	4.869	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.400%
7) Chloroethane-d5	1.580	69	81622	5.520	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.400%
11) 1,1-Dichloroethene-d2	2.121	63	123223	3.815	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.400%
20) 2-Butanone-d5	3.921	46	127149	69.288	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	138.580%#
24) Chloroform-d	4.362	84	162949	5.911	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	118.200%
26) 1,2-Dichloroethane-d4	5.043	65	69038	5.920	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	118.400%
32) Benzene-d6	5.056	84	309520	5.692	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.800%
36) 1,2-Dichloropropane-d6	6.075	67	94747	5.970	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	119.400%
41) Toluene-d8	7.320	98	231863	4.677	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
43) trans-1,3-Dichloroprop...	7.628	79	22510	4.374	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.400%
46) 2-Hexanone-d5	8.091	63	99434	63.968	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	127.940%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	59199	6.056	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	121.200%#
66) 1,2-Dichlorobenzene-d4	11.625	152	76958	6.158	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	123.200%#

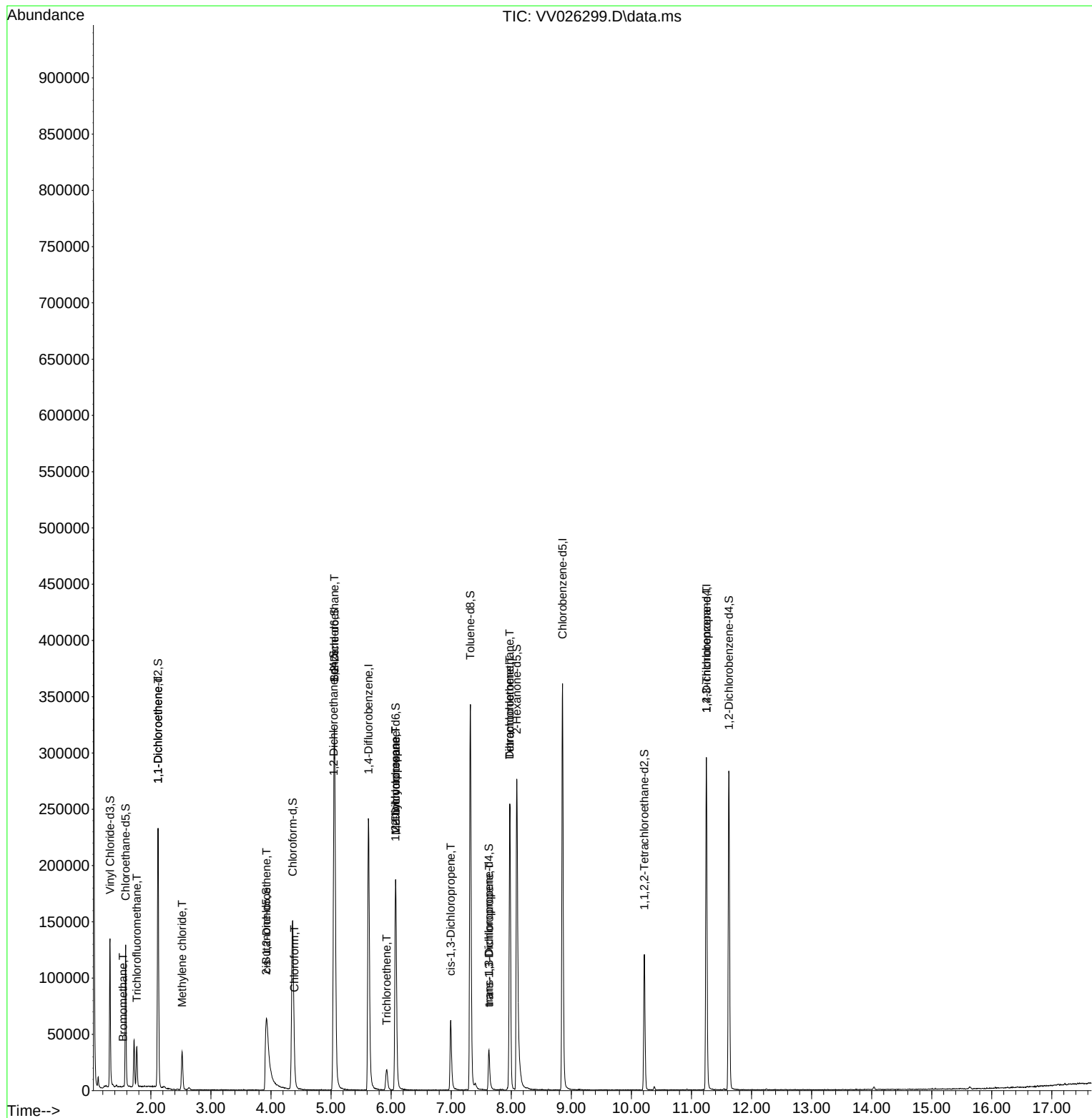
Target Compounds				Qvalue		
6) Bromomethane	1.535	94	605	0.058	ug/L	84
9) Trichlorofluoromethane	1.767	101	21140	0.819	ug/L	100
12) 1,1-Dichloroethene	2.121	96	1218	0.089	ug/L #	1
16) Methylene chloride	2.519	84	14921	0.855	ug/L	97
22) cis-1,2-Dichloroethene	3.924	96	2924	0.218	ug/L	91
25) Chloroform	4.387	83	3603	0.131	ug/L	92
27) 1,2-Dichloroethane	5.056	62	1448	0.116	ug/L #	71
34) Trichloroethene	5.927	95	5892	0.414	ug/L	93
35) Methylcyclohexane	6.075	83	22134	1.124	ug/L #	19
37) 1,2-Dichloropropane	6.072	63	9687	0.710	ug/L #	88
39) cis-1,3-Dichloropropene	6.992	75	1555	0.100	ug/L	93
44) trans-1,3-Dichloropropene	7.632	75	908	0.073	ug/L	93
47) Tetrachloroethene	7.976	164	57424	5.446	ug/L	97
49) Dibromochloromethane	7.976	129	52351	5.281	ug/L #	9
61) 1,2,3-Trichloropropane	11.249	75	9863	1.874	ug/L #	64

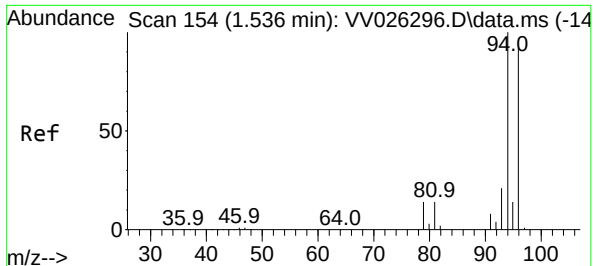
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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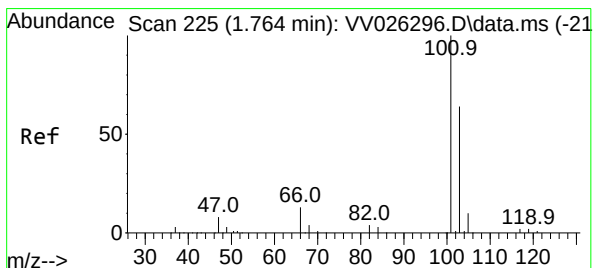
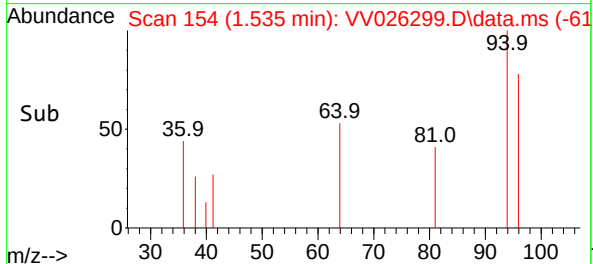
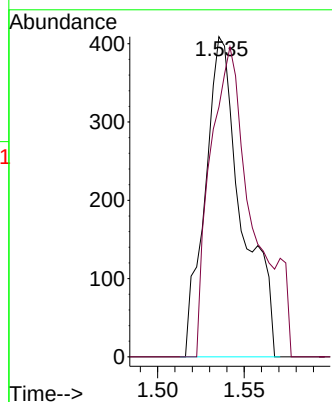
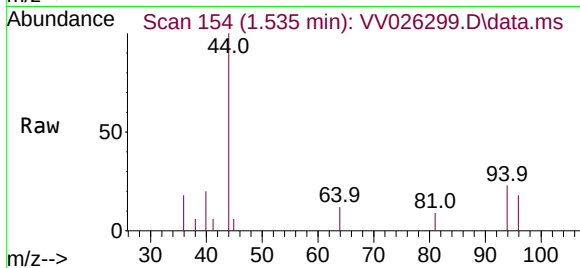




#6
Bromomethane
Concen: 0.058 ug/L
RT: 1.535 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV026299.D
Acq: 16 Jun 2022 00:08

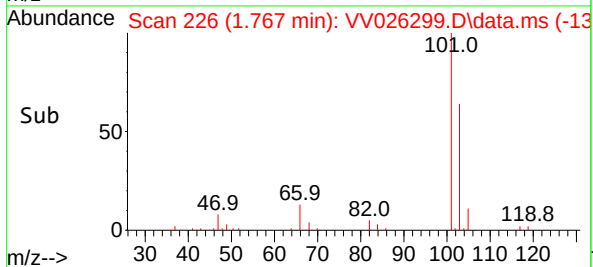
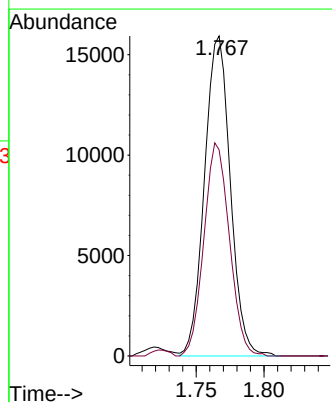
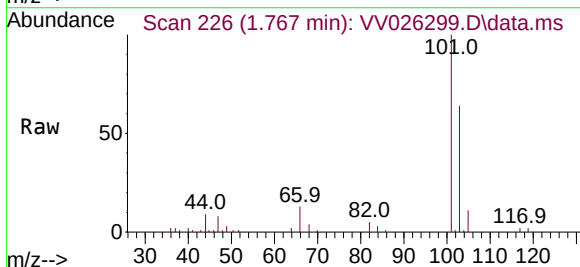
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MSVOA_V
ClientSampleId :
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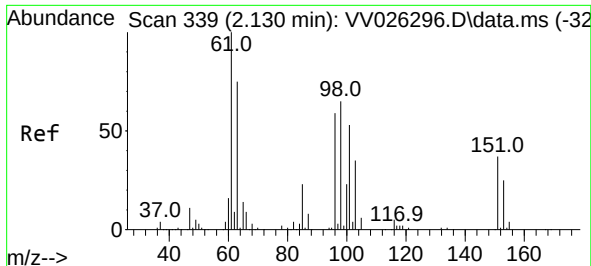
Tgt Ion: 94 Resp: 605
Ion Ratio Lower Upper
94 100
96 78.0 65.7 121.9



#9
Trichlorofluoromethane
Concen: 0.819 ug/L
RT: 1.767 min Scan# 226
Delta R.T. 0.003 min
Lab File: VV026299.D
Acq: 16 Jun 2022 00:08

Tgt Ion:101 Resp: 21140
Ion Ratio Lower Upper
101 100
103 65.8 52.3 78.5

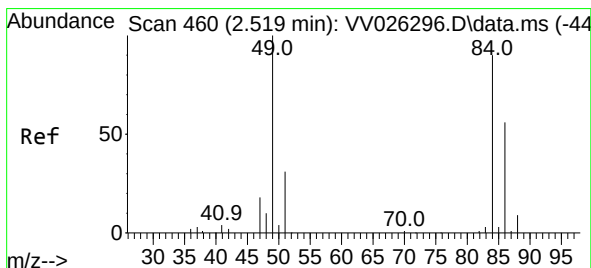
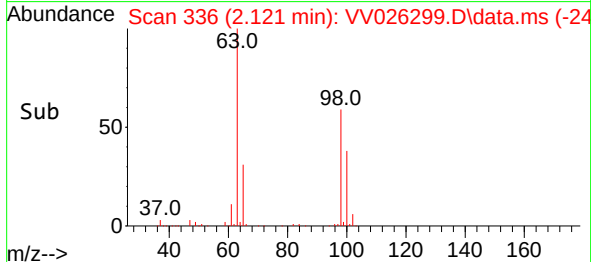
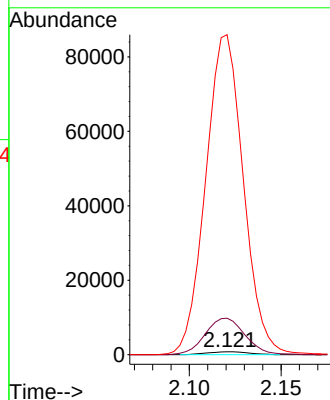
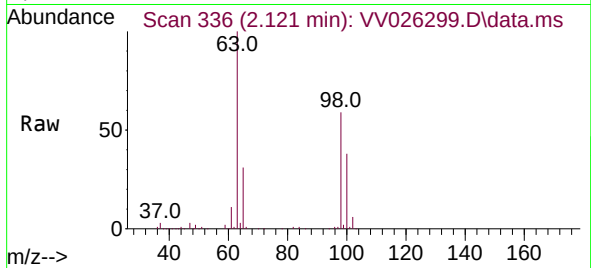




#12
 1,1-Dichloroethene
 Concen: 0.089 ug/L
 RT: 2.121 min Scan# 31
 Delta R.T. -0.010 min
 Lab File: VV026299.D
 Acq: 16 Jun 2022 00:08

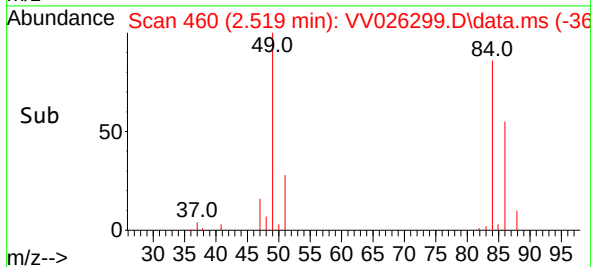
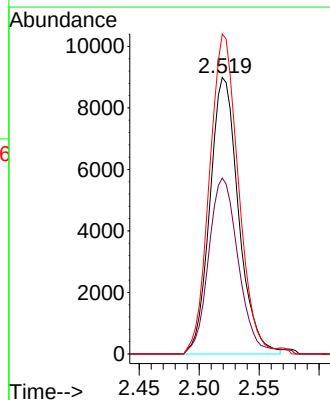
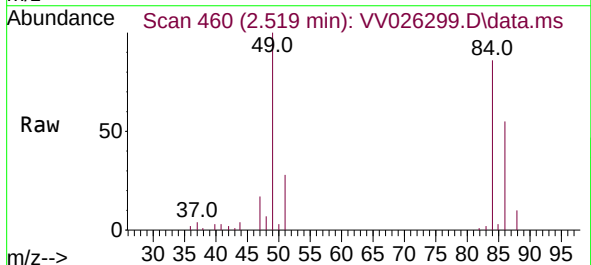
Instrument :
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 ClientSampleId :
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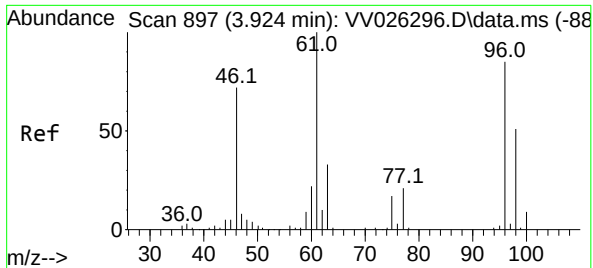
Tgt Ion: 96 Resp: 1218
 Ion Ratio Lower Upper
 96 100
 61 1239.0 117.1 217.5#
 63 10856.6 92.8 172.4#



#16
 Methylene chloride
 Concen: 0.855 ug/L
 RT: 2.519 min Scan# 460
 Delta R.T. -0.000 min
 Lab File: VV026299.D
 Acq: 16 Jun 2022 00:08

Tgt Ion: 84 Resp: 14921
 Ion Ratio Lower Upper
 84 100
 86 63.6 44.0 81.8
 49 115.7 77.3 143.7

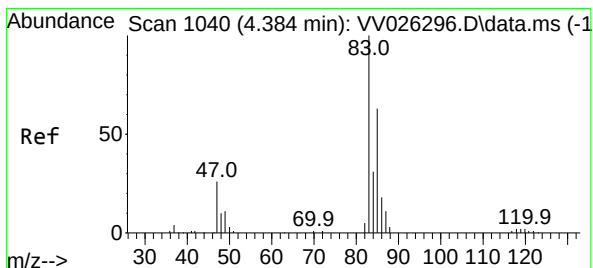
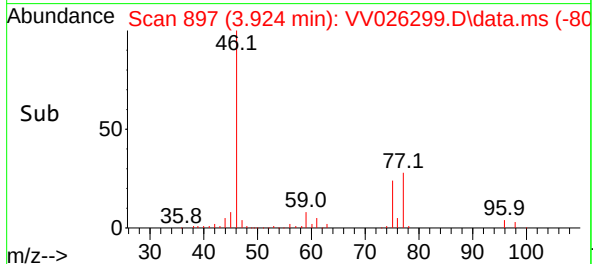
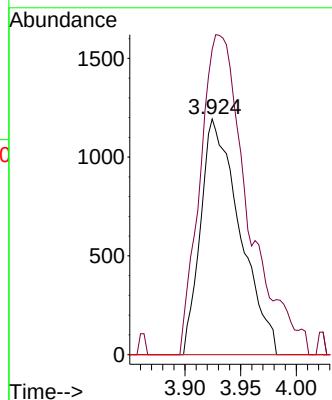
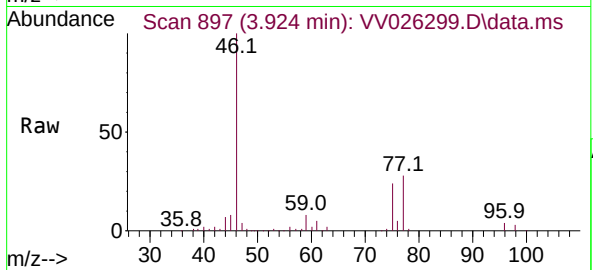




#22
cis-1,2-Dichloroethene
Concen: 0.218 ug/L
RT: 3.924 min Scan# 897
Delta R.T. -0.000 min
Lab File: VV026299.D
Acq: 16 Jun 2022 00:08

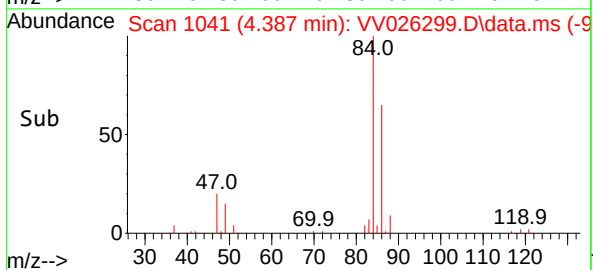
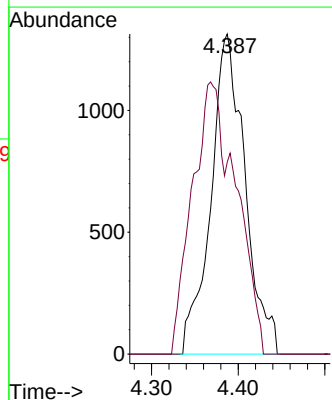
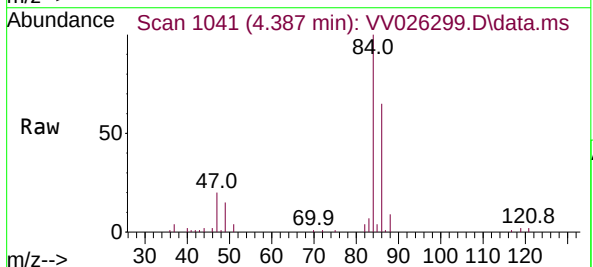
Instrument :
MSVOA_V
ClientSampleId :
C0B90DL

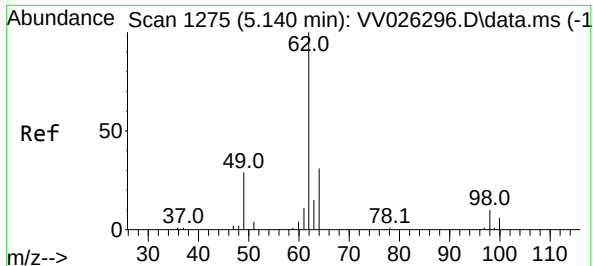
Tgt Ion: 96 Resp: 2924
Ion Ratio Lower Upper
96 100
61 129.6 83.6 155.2
68 0.0 0.0 0.0



#25
Chloroform
Concen: 0.131 ug/L
RT: 4.387 min Scan# 1041
Delta R.T. 0.003 min
Lab File: VV026299.D
Acq: 16 Jun 2022 00:08

Tgt Ion: 83 Resp: 3603
Ion Ratio Lower Upper
83 100
85 60.0 46.5 86.3





#27

1,2-Dichloroethane

Concen: 0.116 ug/L

RT: 5.056 min Scan# 11

Delta R.T. -0.084 min

Lab File: VV026299.D

Acq: 16 Jun 2022 00:08

Instrument :

MSVOA_V

ClientSampleId :

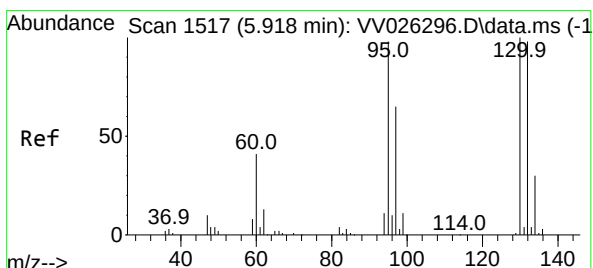
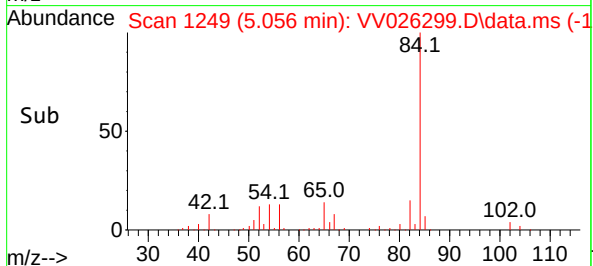
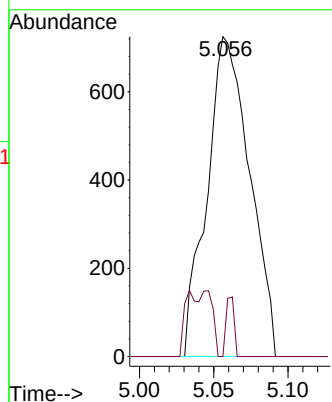
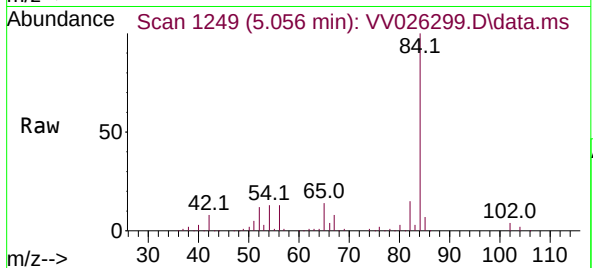
C0B90DL

Tgt Ion: 62 Resp: 1448

Ion Ratio Lower Upper

62 100

98 0.0 8.6 13.0#



#34

Trichloroethene

Concen: 0.414 ug/L

RT: 5.927 min Scan# 1520

Delta R.T. 0.010 min

Lab File: VV026299.D

Acq: 16 Jun 2022 00:08

Tgt Ion: 95 Resp: 5892

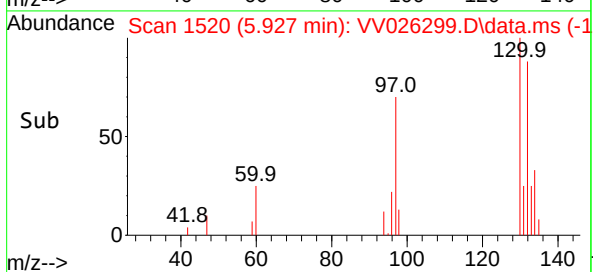
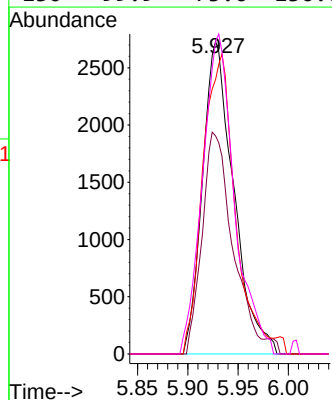
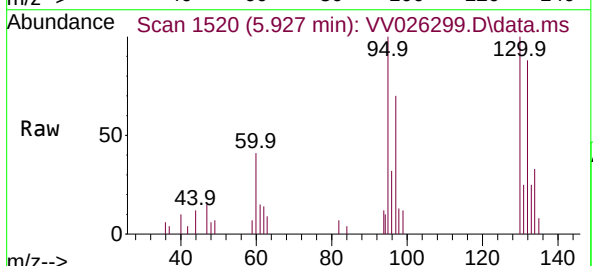
Ion Ratio Lower Upper

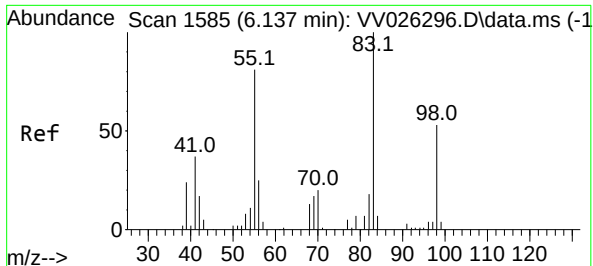
95 100

97 69.7 46.5 86.3

132 87.7 68.8 127.8

130 99.9 73.6 136.6

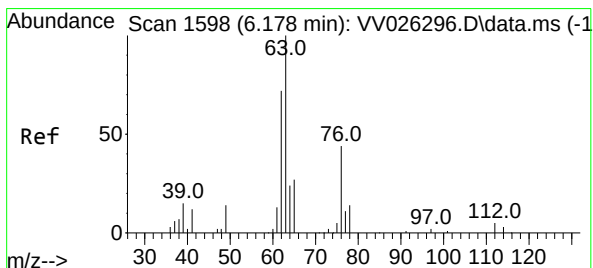
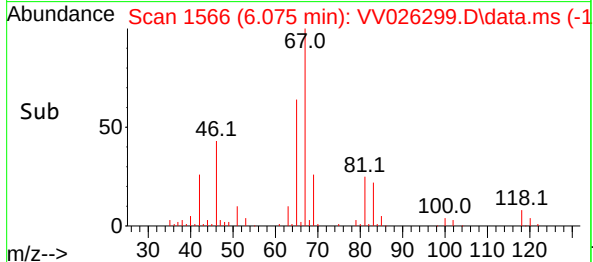
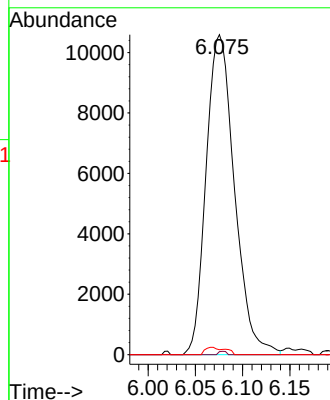
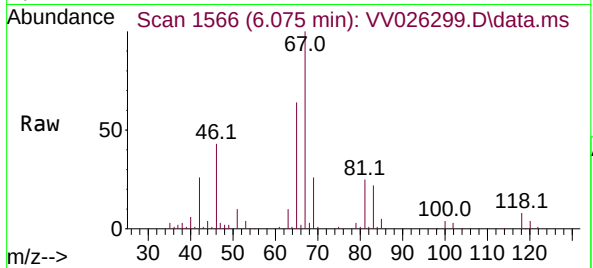




#35
Methylcyclohexane
Concen: 1.124 ug/L
RT: 6.075 min Scan# 1566
Delta R.T. -0.061 min
Lab File: VV026299.D
Acq: 16 Jun 2022 00:08

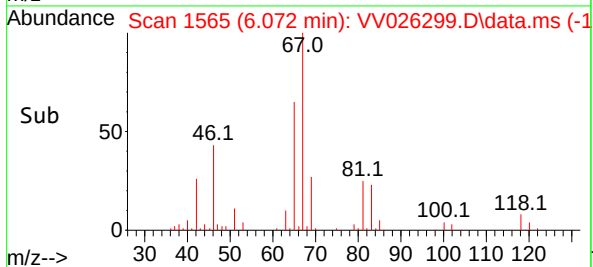
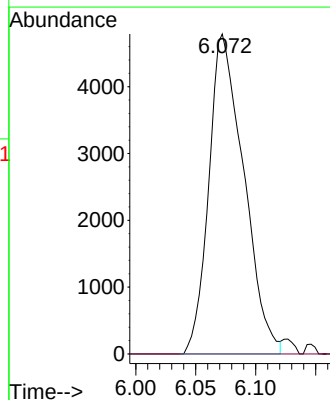
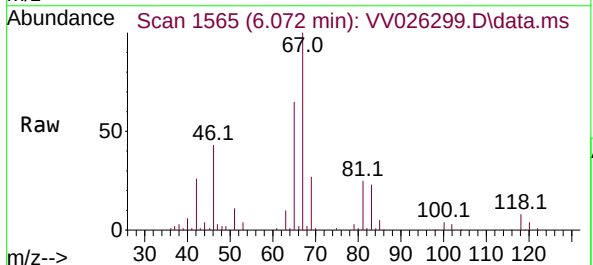
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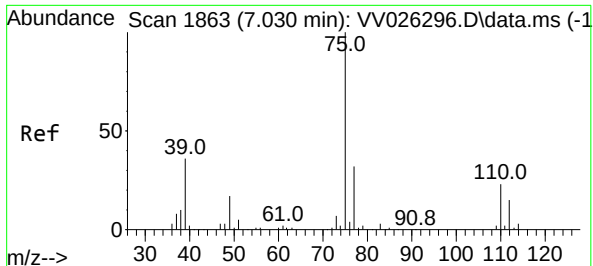
Tgt Ion: 83 Resp: 22134
Ion Ratio Lower Upper
83 100
55 0.3 59.3 88.9#
98 1.1 39.9 59.9#



#37
1,2-Dichloropropane
Concen: 0.710 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.106 min
Lab File: VV026299.D
Acq: 16 Jun 2022 00:08

Tgt Ion: 63 Resp: 9687
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#





#39

cis-1,3-Dichloropropene

Concen: 0.100 ug/L

RT: 6.992 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV026299.D

Acq: 16 Jun 2022 00:08

Instrument :

MSVOA_V

ClientSampleId :

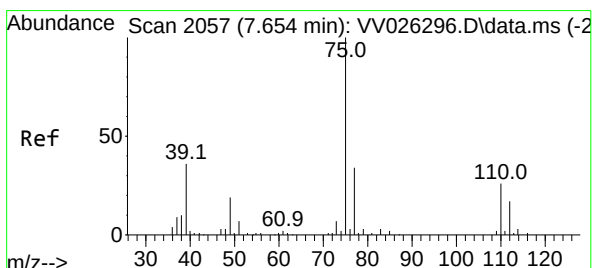
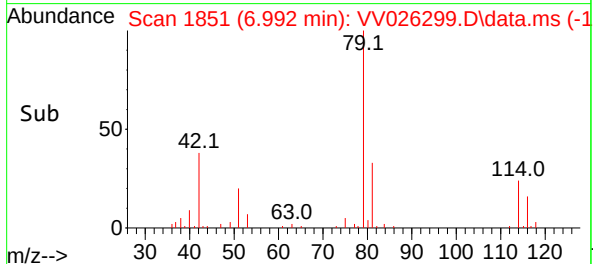
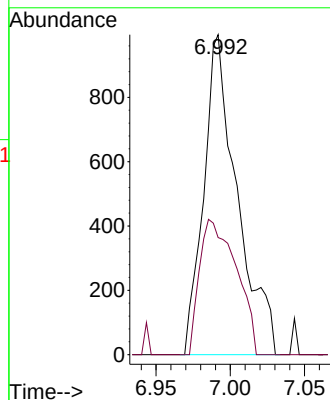
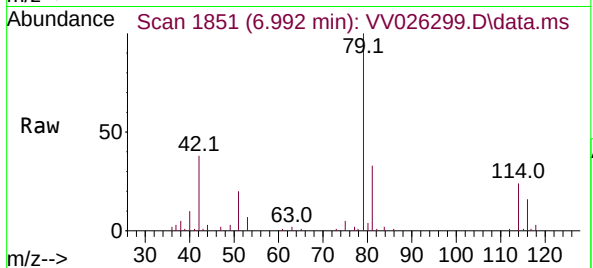
C0B90DL

Tgt Ion: 75 Resp: 1555

Ion Ratio Lower Upper

75 100

77 36.6 23.0 42.6



#44

trans-1,3-Dichloropropene

Concen: 0.073 ug/L

RT: 7.632 min Scan# 2050

Delta R.T. -0.023 min

Lab File: VV026299.D

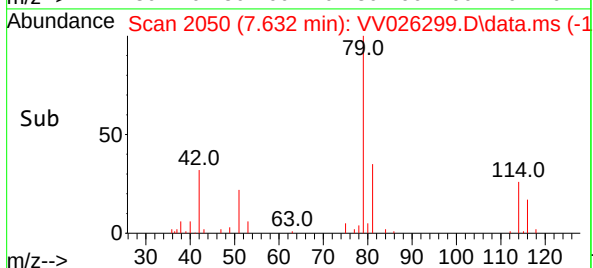
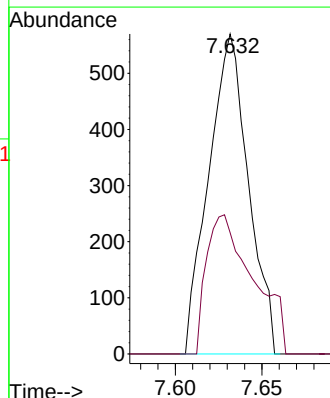
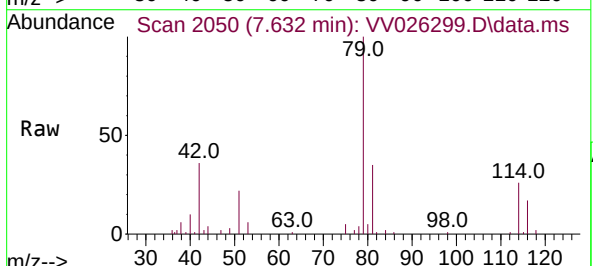
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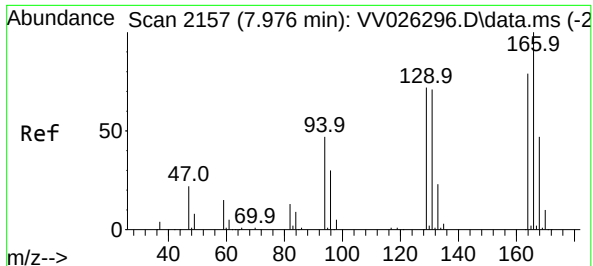
Tgt Ion: 75 Resp: 908

Ion Ratio Lower Upper

75 100

77 37.9 23.7 43.9





#47

Tetrachloroethene

Concen: 5.446 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.000 min

Lab File: VV026299.D

Acq: 16 Jun 2022 00:08

Instrument :

MSVOA_V

ClientSampleId :

C0B90DL

Tgt Ion:164 Resp: 57424

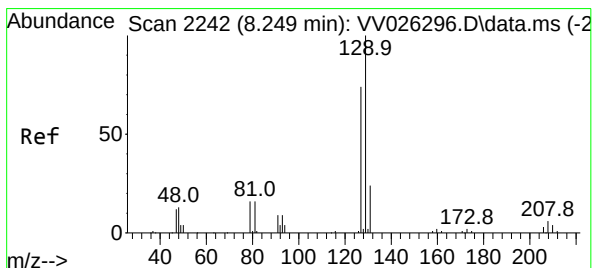
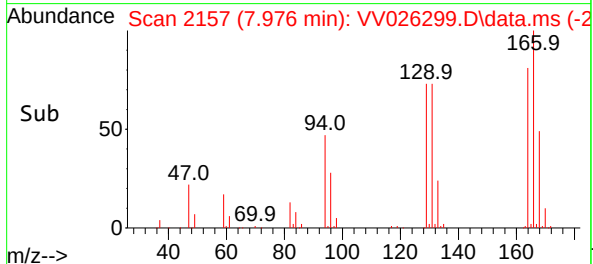
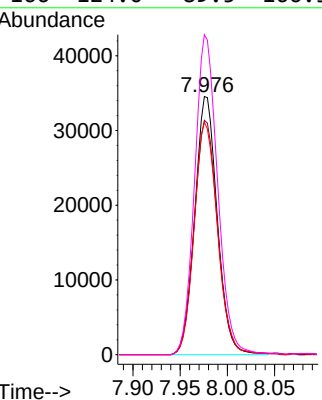
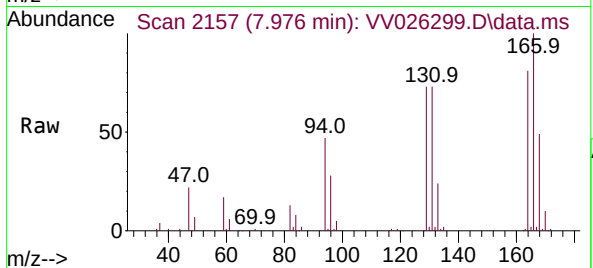
Ion Ratio Lower Upper

164 100

129 90.8 67.5 125.3

131 90.1 63.8 118.4

166 124.0 89.5 166.3



#49

Dibromochloromethane

Concen: 5.281 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.273 min

Lab File: VV026299.D

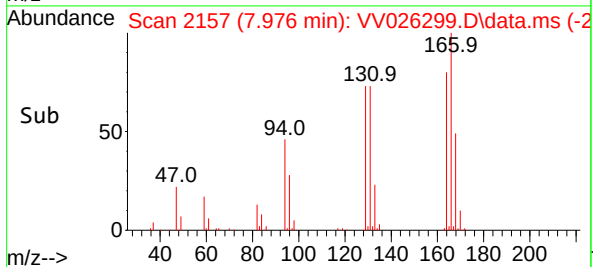
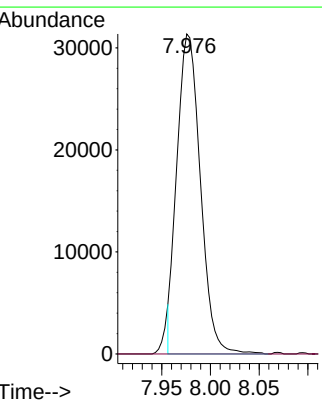
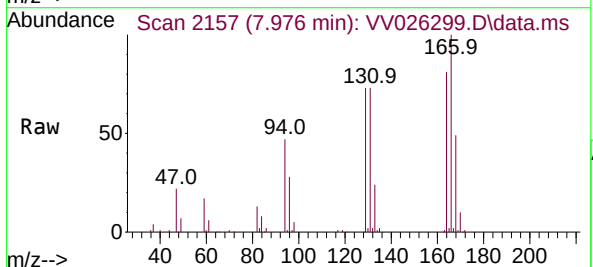
Acq: 16 Jun 2022 00:08

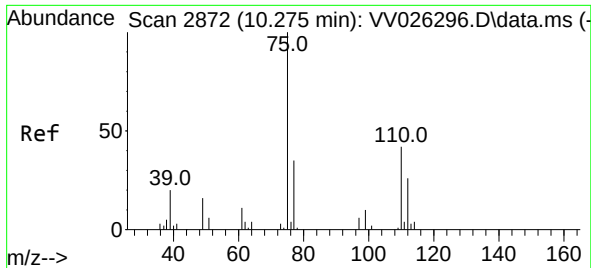
Tgt Ion:129 Resp: 52351

Ion Ratio Lower Upper

129 100

127 0.0 56.4 104.7#





#61

1,2,3-Trichloropropane

Concen: 1.874 ug/L

RT: 11.249 min Scan# 31

Delta R.T. 0.974 min

Lab File: VV026299.D

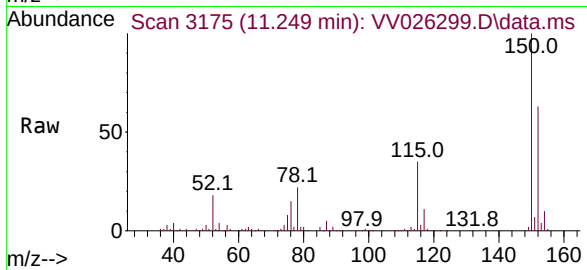
Acq: 16 Jun 2022 00:08

Instrument :

MSVOA_V

ClientSampleId :

C0B90DL



Tgt Ion: 75 Resp: 9863

Ion Ratio Lower Upper

75 100

77 29.1 26.9 40.3

110 1.5 30.7 46.1#

