

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111122\
 Data File : VW028899.D
 Acq On : 12 Nov 2022 00:55
 Operator : SY/MD
 Sample : N5592-22MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AE1MS

Quant Time: Nov 12 03:00:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 11 22:27:09 2022
 Response via : Initial Calibration

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

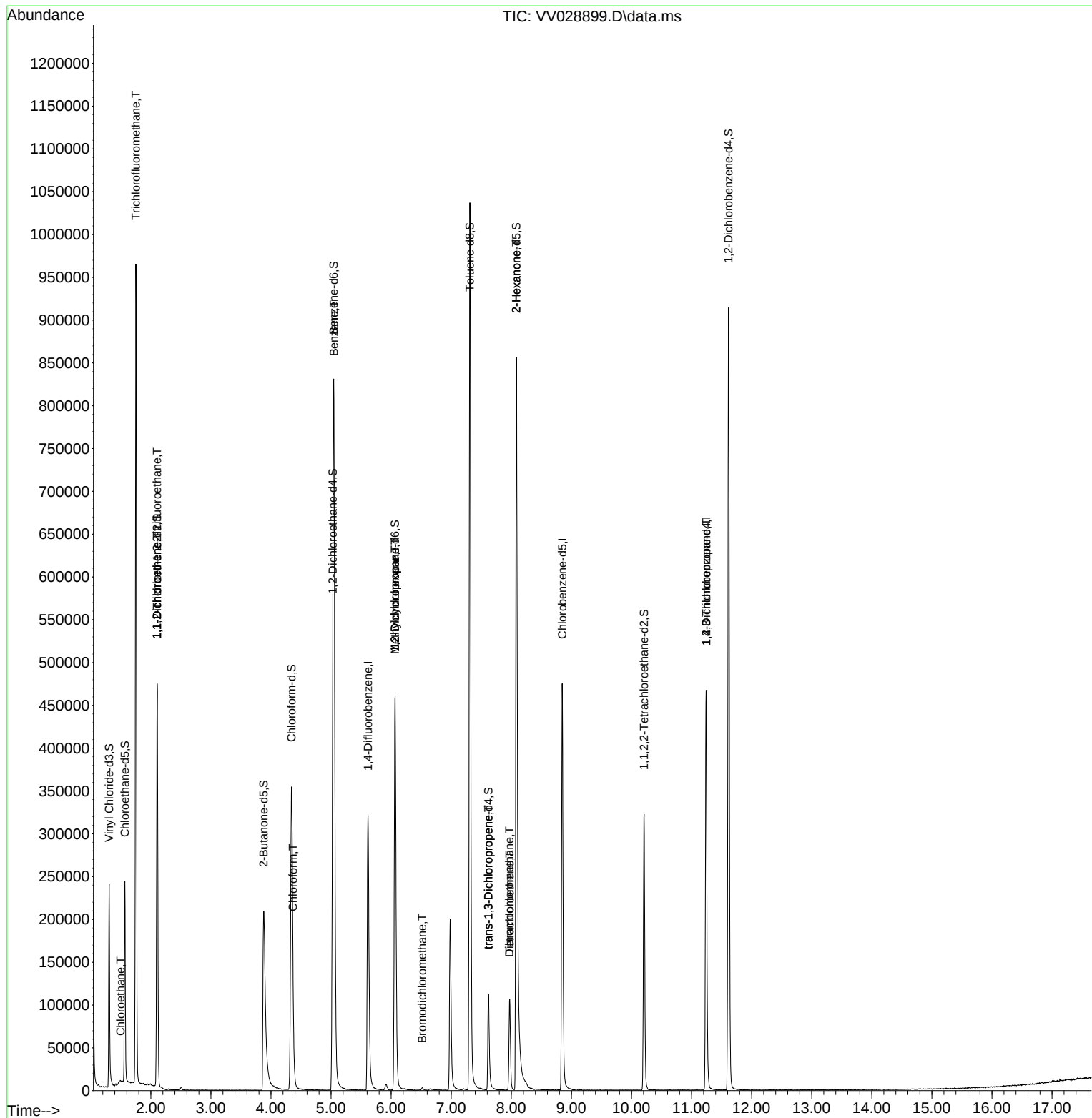
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	306037	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	281903	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	135977	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	167221	8.963	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	179.200%#	
7) Chloroethane-d5	1.568	69	155899	9.505	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	190.000%#	
11) 1,1-Dichloroethene-d2	2.105	63	238474	7.014	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	140.200%#	
20) 2-Butanone-d5	3.879	46	387205	123.977	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	247.960%#	
24) Chloroform-d	4.342	84	381073	9.948	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	199.000%#	
26) 1,2-Dichloroethane-d4	5.027	65	178108	10.334	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	206.600%#	
32) Benzene-d6	5.043	84	817833	9.719	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	194.400%#	
36) 1,2-Dichloropropane-d6	6.066	67	237430	10.105	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	202.000%#	
41) Toluene-d8	7.310	98	728506	9.618	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	192.400%#	
43) trans-1,3-Dichloroprop...	7.619	79	72160	9.416	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	188.400%#	
46) 2-Hexanone-d5	8.085	63	352399	107.733	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	215.460%#	
56) 1,1,2,2-Tetrachloroeth...	10.210	84	164164	10.077	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	201.600%#	
66) 1,2-Dichlorobenzene-d4	11.615	152	253459	10.419	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	208.400%#	
Target Compounds						
8) Chloroethane	1.494	64	11842	0.834	ug/L #	55
9) Trichlorofluoromethane	1.751	101	566630	17.400	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	2525	0.137	ug/L #	20
12) 1,1-Dichloroethene	2.105	96	2043	0.110	ug/L #	1
25) Chloroform	4.365	83	17013	0.462	ug/L	81
33) Benzene	5.047	78	6089	0.071	ug/L	100
35) Methylcyclohexane	6.063	83	57783	1.491	ug/L #	22
37) 1,2-Dichloropropane	6.066	63	25253	1.271	ug/L #	85
38) Bromodichloromethane	6.516	83	2642	0.105	ug/L #	96
44) trans-1,3-Dichloropropene	7.619	75	3134	0.146	ug/L #	79
47) Tetrachloroethene	7.973	164	25612	1.450	ug/L	98
48) 2-Hexanone	8.085	43	34410	5.747	ug/L #	73
49) Dibromochloromethane	7.969	129	21087	1.341	ug/L #	10
61) 1,2,3-Trichloropropane	11.242	75	14575	1.569	ug/L #	64

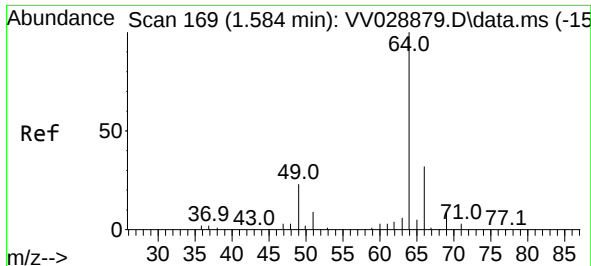
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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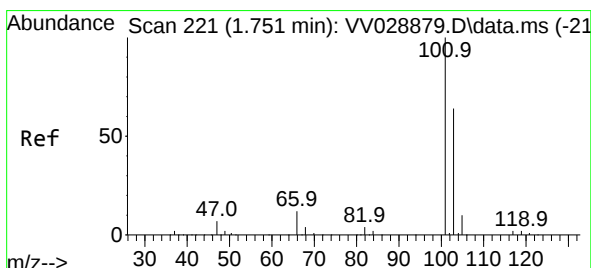
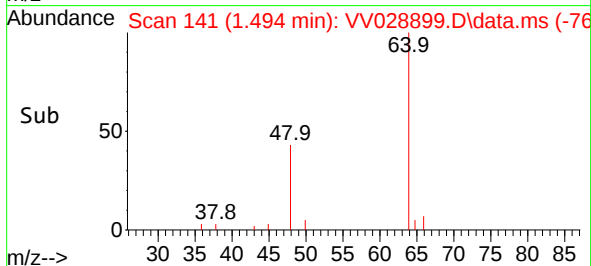
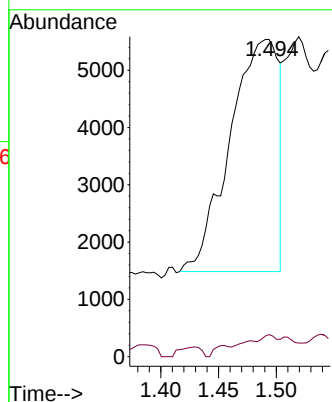
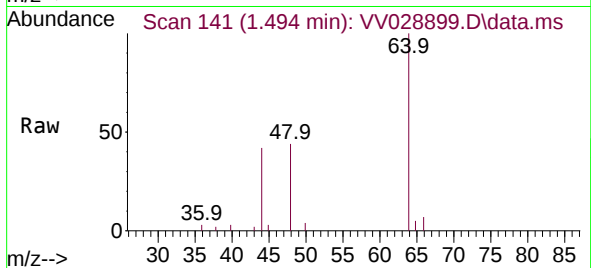




#8
Chloroethane
Concen: 0.834 ug/L
RT: 1.494 min Scan# 141
Delta R.T. -0.090 min
Lab File: VV028899.D
Acq: 12 Nov 2022 00:55

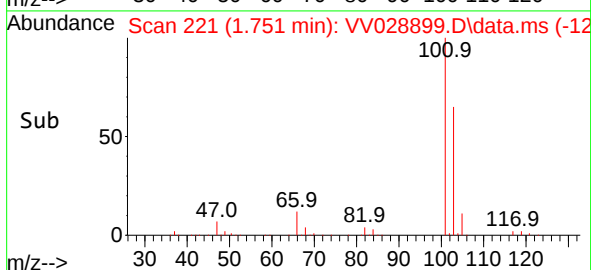
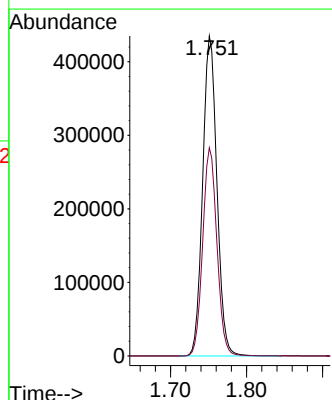
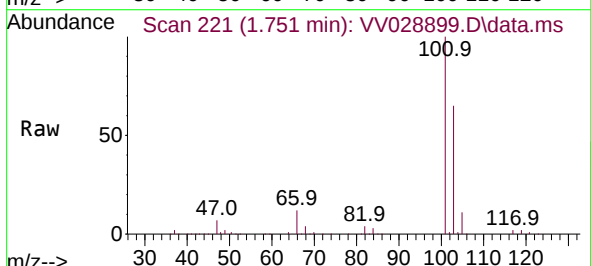
Instrument :
MSVOA_V
ClientSampleId :
H0AE1MS

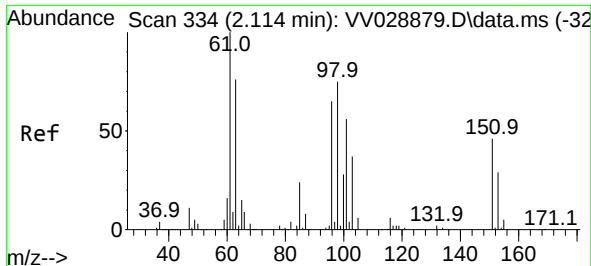
Tgt Ion: 64 Resp: 11842
Ion Ratio Lower Upper
64 100
66 6.6 22.0 40.8#



#9
Trichlorofluoromethane
Concen: 17.400 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.000 min
Lab File: VV028899.D
Acq: 12 Nov 2022 00:55

Tgt Ion:101 Resp: 566630
Ion Ratio Lower Upper
101 100
103 64.9 51.3 76.9





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.137 ug/L

RT: 2.105 min Scan# 331

Delta R.T. -0.010 min

Lab File: VV028899.D

Acq: 12 Nov 2022 00:55

Instrument :

MSVOA_V

ClientSampleId :

H0AE1MS

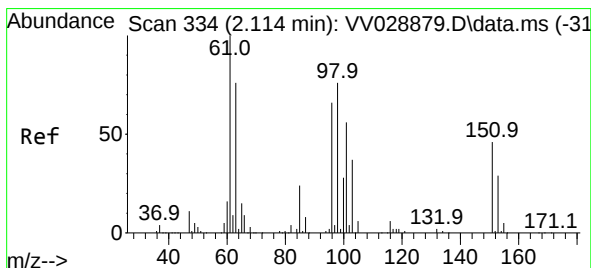
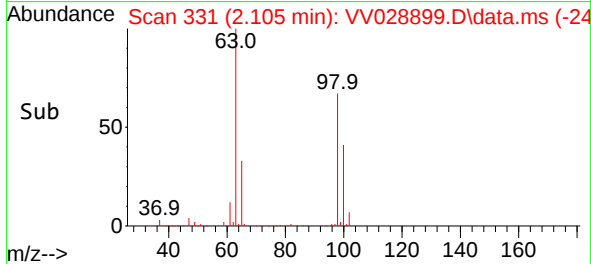
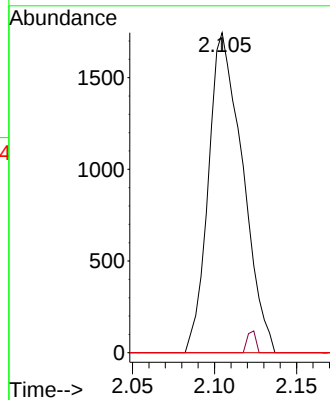
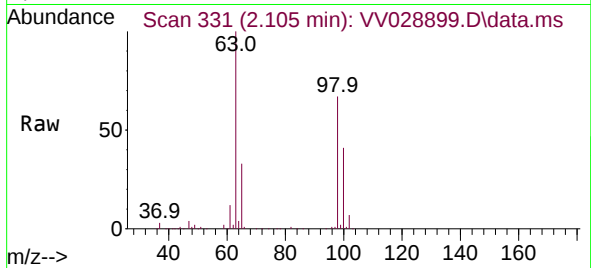
Tgt Ion:101 Resp: 2525

Ion Ratio Lower Upper

101 100

85 1.7 32.9 49.3#

151 0.0 62.5 93.7#



#12

1,1-Dichloroethene

Concen: 0.110 ug/L

RT: 2.105 min Scan# 331

Delta R.T. -0.010 min

Lab File: VV028899.D

Acq: 12 Nov 2022 00:55

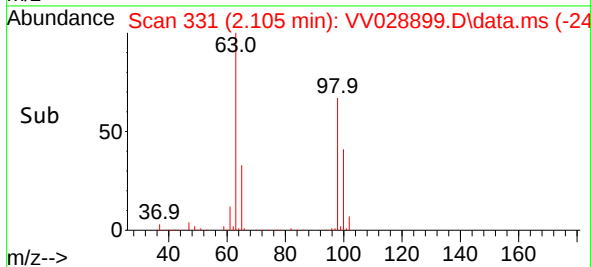
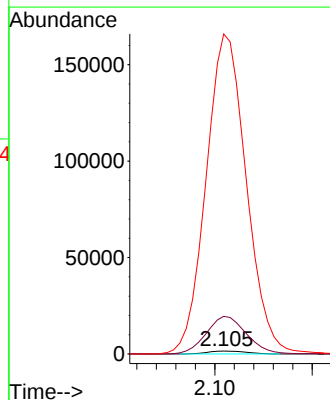
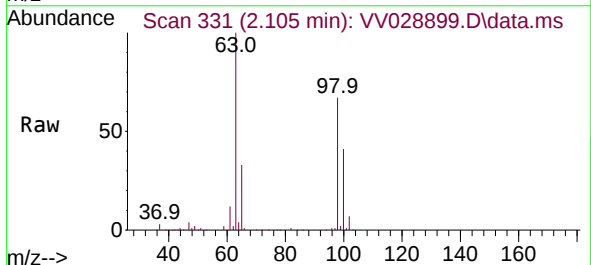
Tgt Ion: 96 Resp: 2043

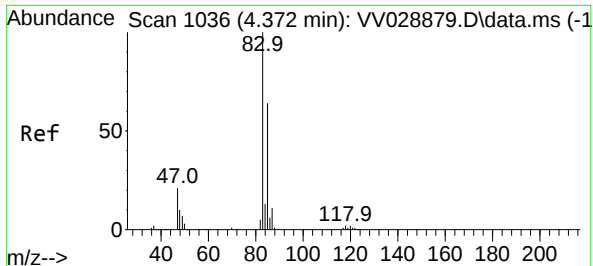
Ion Ratio Lower Upper

96 100

61 1319.6 104.2 193.4#

63 11251.0 75.9 140.9#





#25

Chloroform

Concen: 0.462 ug/L

RT: 4.365 min Scan# 1

Delta R.T. -0.007 min

Lab File: VV028899.D

Acq: 12 Nov 2022 00:55

Instrument :

MSVOA_V

ClientSampleId :

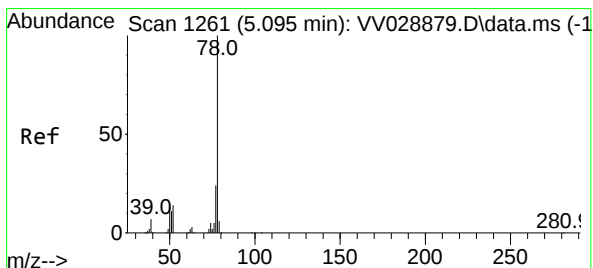
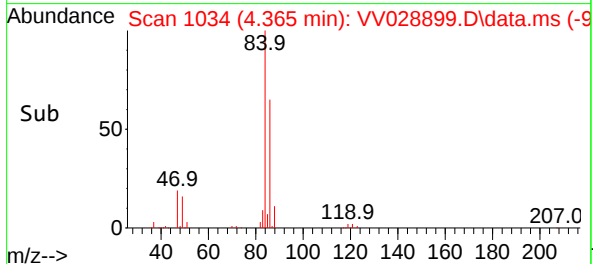
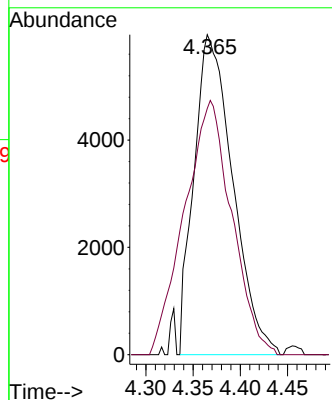
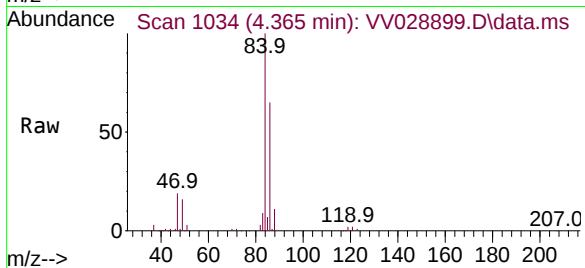
H0AE1MS

Tgt Ion: 83 Resp: 17013

Ion Ratio Lower Upper

83 100

85 76.9 43.7 81.1



#33

Benzene

Concen: 0.071 ug/L

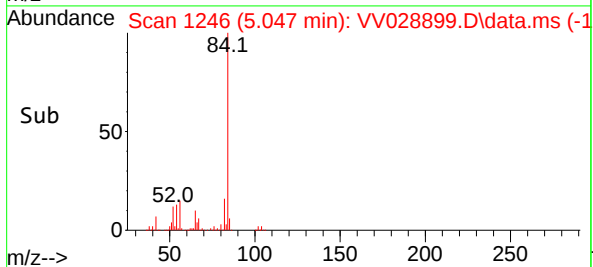
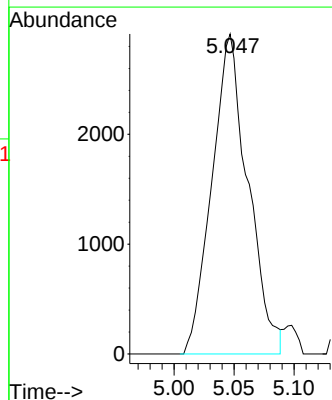
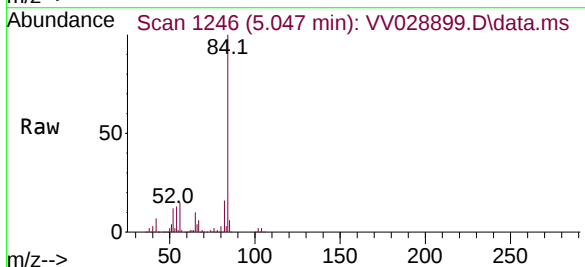
RT: 5.047 min Scan# 1246

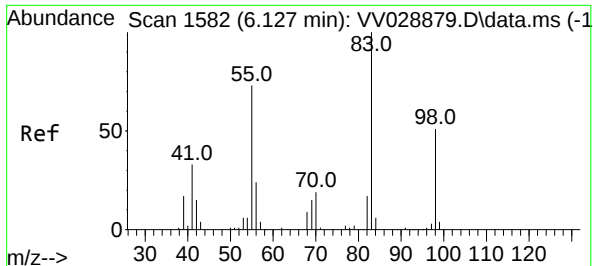
Delta R.T. -0.048 min

Lab File: VV028899.D

Acq: 12 Nov 2022 00:55

Tgt Ion: 78 Resp: 6089





#35

Methylcyclohexane

Concen: 1.491 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.064 min

Lab File: VV028899.D

Acq: 12 Nov 2022 00:55

Instrument :

MSVOA_V

ClientSampleId :

H0AE1MS

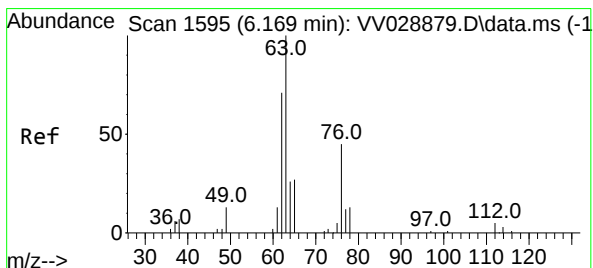
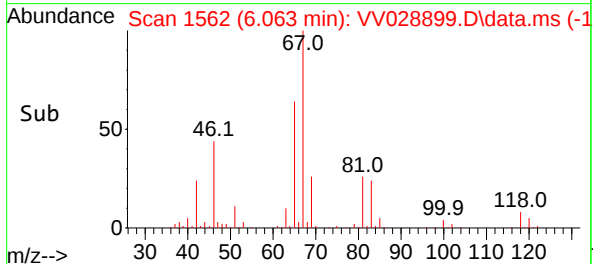
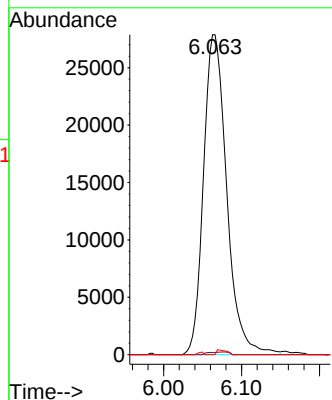
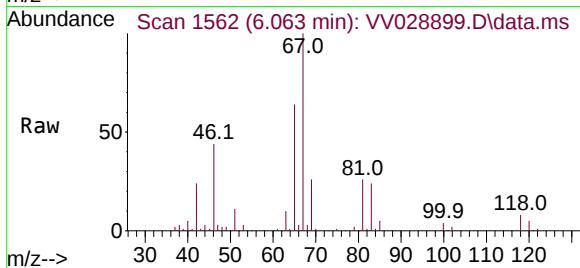
Tgt Ion: 83 Resp: 57783

Ion Ratio Lower Upper

83 100

55 0.7 55.8 83.6#

98 0.7 38.2 57.2#



#37

1,2-Dichloropropane

Concen: 1.271 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.103 min

Lab File: VV028899.D

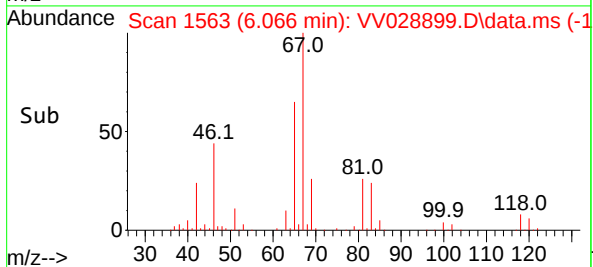
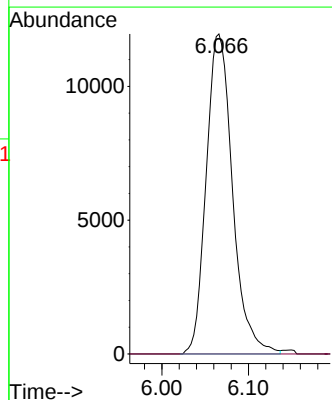
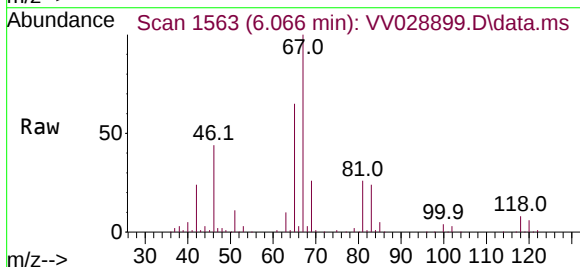
Acq: 12 Nov 2022 00:55

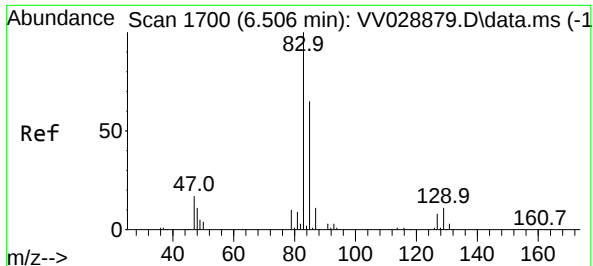
Tgt Ion: 63 Resp: 25253

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#

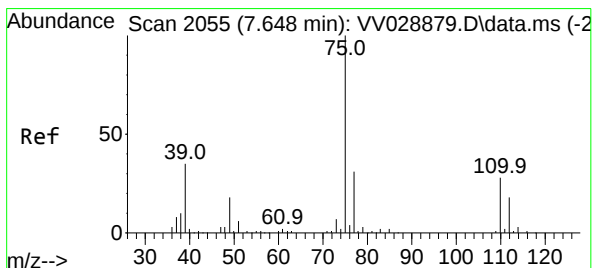
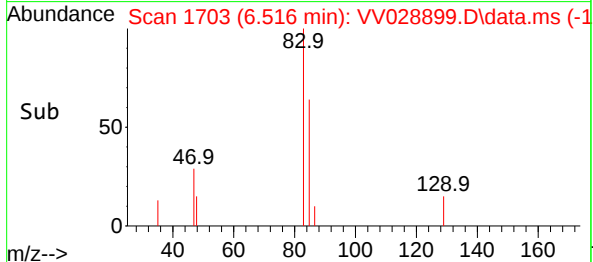
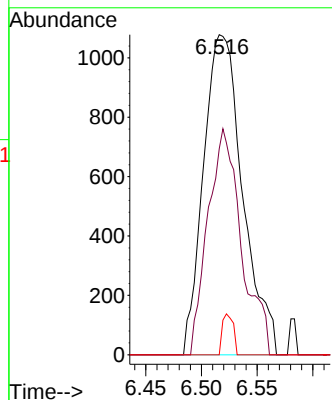
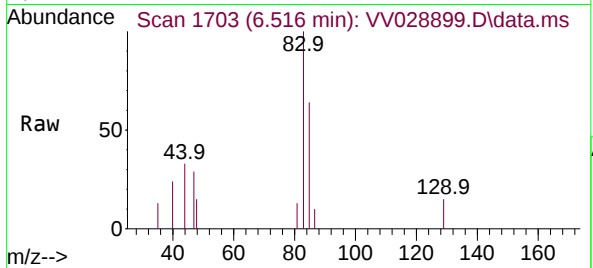




#38
Bromodichloromethane
Concen: 0.105 ug/L
RT: 6.516 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV028899.D
Acq: 12 Nov 2022 00:55

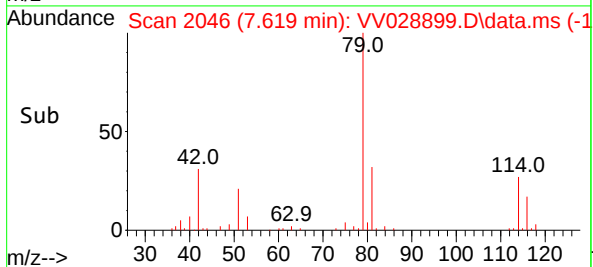
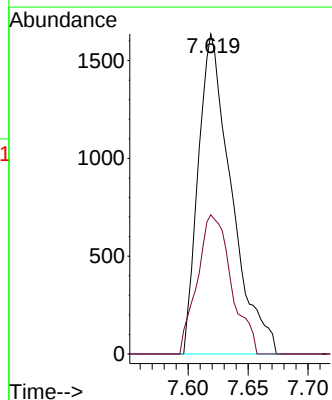
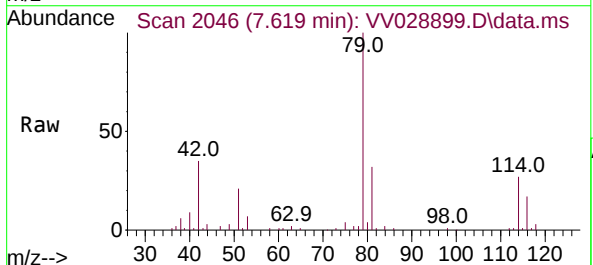
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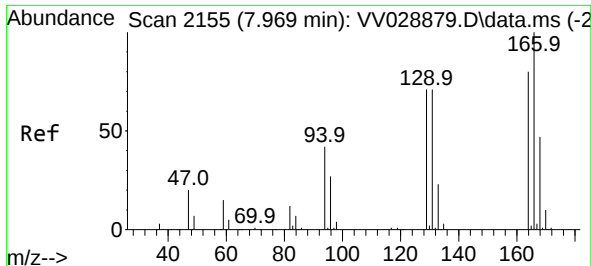
Tgt Ion: 83 Resp: 2642
Ion Ratio Lower Upper
83 100
85 64.4 46.1 85.5
127 0.0 6.7 10.1#



#44
trans-1,3-Dichloropropene
Concen: 0.146 ug/L
RT: 7.619 min Scan# 2046
Delta R.T. -0.029 min
Lab File: VV028899.D
Acq: 12 Nov 2022 00:55

Tgt Ion: 75 Resp: 3134
Ion Ratio Lower Upper
75 100
77 43.5 22.2 41.2#





#47

Tetrachloroethene

Concen: 1.450 ug/L

RT: 7.973 min Scan# 2155

Delta R.T. 0.003 min

Lab File: VV028899.D

Acq: 12 Nov 2022 00:55

Instrument :

MSVOA_V

ClientSampleId :

H0AE1MS

Tgt Ion:164 Resp: 25612

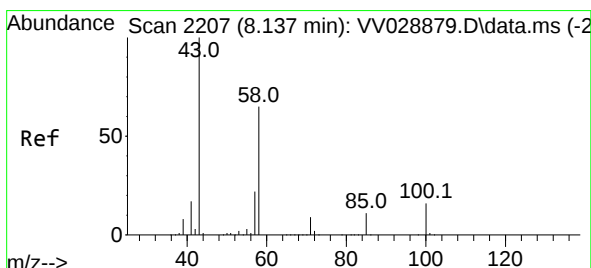
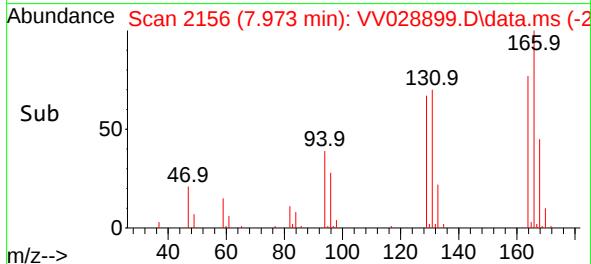
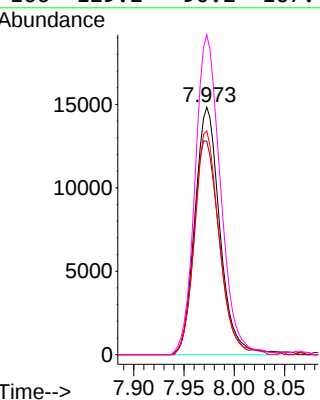
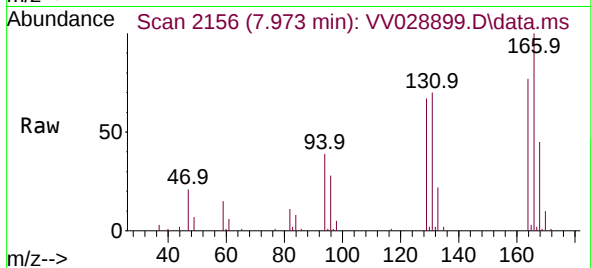
Ion Ratio Lower Upper

164 100

129 86.2 63.9 118.7

131 90.4 61.8 114.8

166 129.2 90.2 167.4



#48

2-Hexanone

Concen: 5.747 ug/L

RT: 8.085 min Scan# 2191

Delta R.T. -0.052 min

Lab File: VV028899.D

Acq: 12 Nov 2022 00:55

Tgt Ion: 43 Resp: 34410

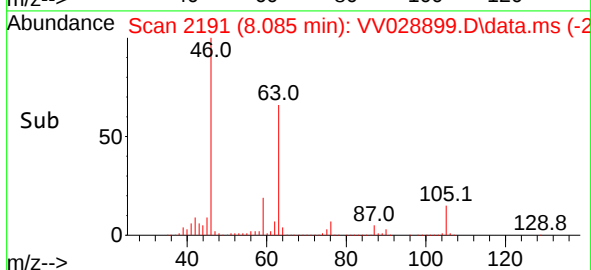
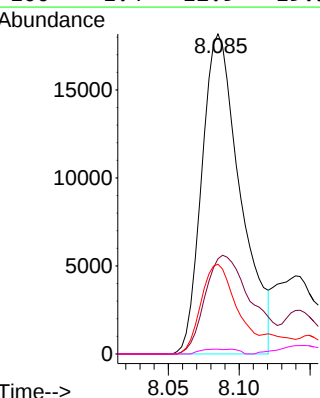
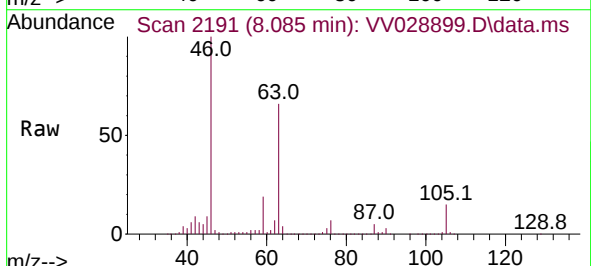
Ion Ratio Lower Upper

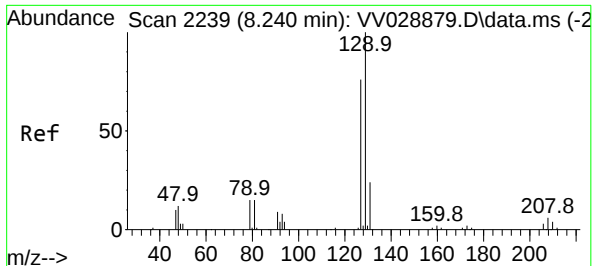
43 100

58 37.7 50.2 75.4#

57 26.1 17.8 26.8

100 1.4 12.9 19.3#





#49

Dibromochloromethane

Concen: 1.341 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. -0.270 min

Lab File: VV028899.D

Acq: 12 Nov 2022 00:55

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ClientSampleId :

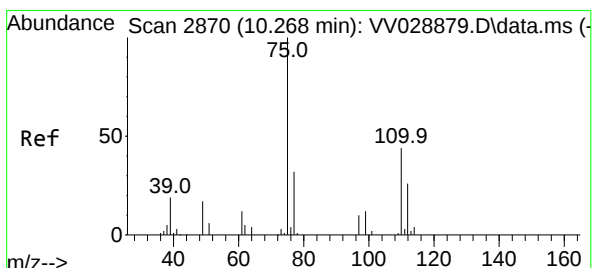
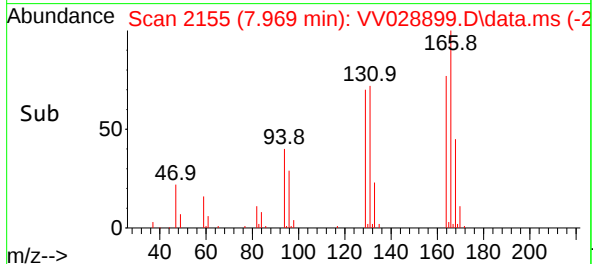
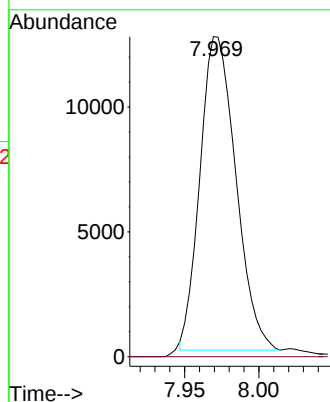
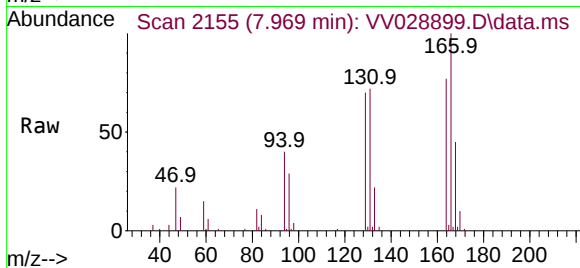
H0AE1MS

Tgt Ion:129 Resp: 21087

Ion Ratio Lower Upper

129 100

127 0.0 54.5 101.1#



#61

1,2,3-Trichloropropane

Concen: 1.569 ug/L

RT: 11.242 min Scan# 3173

Delta R.T. 0.974 min

Lab File: VV028899.D

Acq: 12 Nov 2022 00:55

Tgt Ion: 75 Resp: 14575

Ion Ratio Lower Upper

75 100

77 31.1 26.2 39.2

110 1.9 32.6 48.8#

