

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042023\
 Data File : VW030705.D
 Acq On : 20 Apr 2023 10:36
 Operator : SY/MD
 Sample : 02411-03
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AQ6

Quant Time: Apr 21 00:15:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 21 00:14:50 2023
 Response via : Initial Calibration

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

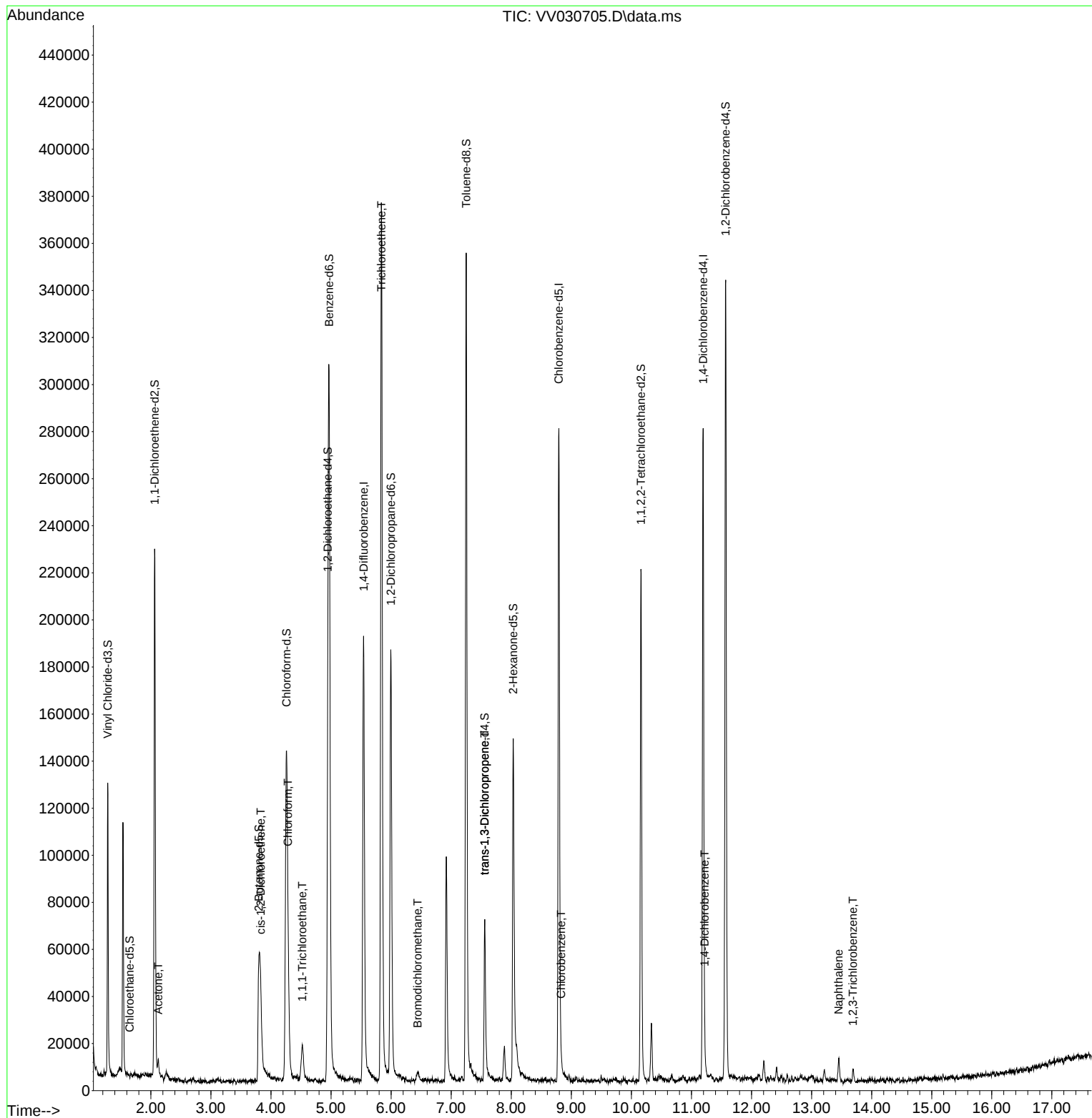
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	159599	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	153585	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	72415	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	80912	69.156	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	138.320%#
7) Chloroethane-d5	1.648	69	204	0.208	ug/L	0.11
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.420%#
11) 1,1-Dichloroethene-d2	2.063	65	36506	65.795	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	131.600%#
21) 2-Butanone-d5	3.799	46	79348	123.475	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	123.470%
24) Chloroform-d	4.256	84	138924	65.521	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	131.040%#
26) 1,2-Dichloroethane-d4	4.947	65	96677	70.921	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	141.840%#
32) Benzene-d6	4.966	84	256365	70.601	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	141.200%#
36) 1,2-Dichloropropane-d6	5.995	67	79157	70.178	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	140.360%#
41) Toluene-d8	7.249	98	224219	65.766	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	131.540%#
43) trans-1,3-Dichloroprop...	7.558	79	38109	67.034	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	134.060%#
47) 2-Hexanone-d5	8.034	63	50159	112.884	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.880%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	96104	58.718	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	117.440%
66) 1,2-Dichlorobenzene-d4	11.571	152	86335	75.008	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	150.020%#
Target Compounds						
					Qvalue	
13) Acetone	2.124	43	6829	6.867	ug/L	95
20) cis-1,2-Dichloroethene	3.828	96	14042	11.442	ug/L	89
25) Chloroform	4.281	83	32531	13.664	ug/L	97
30) 1,1,1-Trichloroethane	4.519	97	11750	5.445	ug/L	99
34) Trichloroethene	5.838	95	125817	103.713	ug/L	98
38) Bromodichloromethane	6.442	83	2236	1.268	ug/L	# 85
44) trans-1,3-Dichloropropene	7.558	75	2007	1.084	ug/L	# 81
51) Chlorobenzene	8.828	112	2396	0.724	ug/L	98
65) 1,4-Dichlorobenzene	11.220	146	2529	1.061	ug/L	97
71) Naphthalene	13.451	128	7248	1.827	ug/L	97
72) 1,2,3-Trichlorobenzene	13.689	180	1344	0.935	ug/L	93

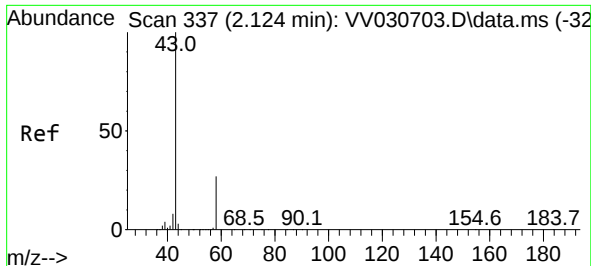
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 6.867 ug/L

RT: 2.124 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV030705.D

Acq: 20 Apr 2023 10:36

Instrument :

MSVOA_V

ClientSampleId :

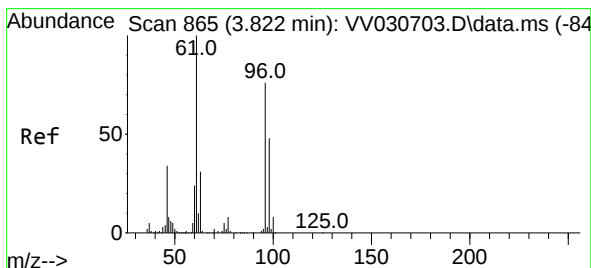
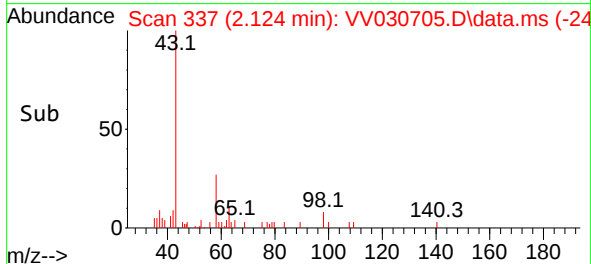
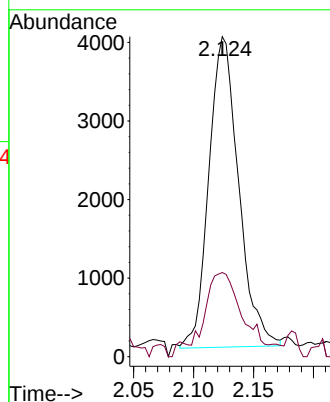
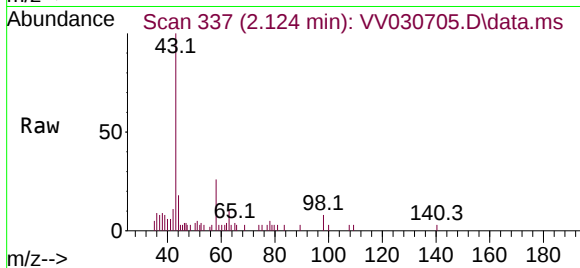
C0AQ6

Tgt Ion: 43 Resp: 6829

Ion Ratio Lower Upper

43 100

58 24.0 0.0 52.8



#20

cis-1,2-Dichloroethene

Concen: 11.442 ug/L

RT: 3.828 min Scan# 867

Delta R.T. 0.006 min

Lab File: VV030705.D

Acq: 20 Apr 2023 10:36

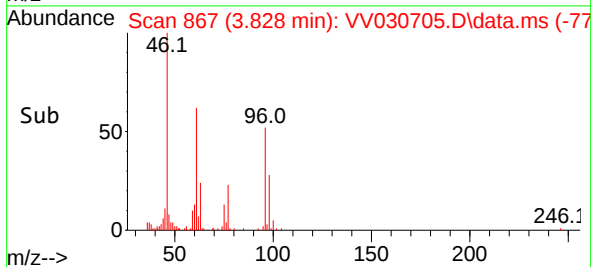
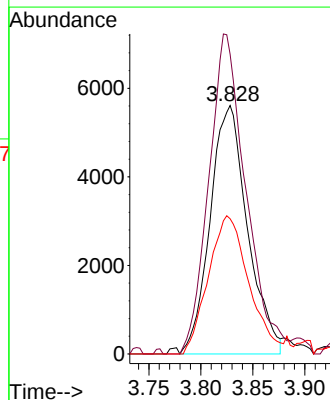
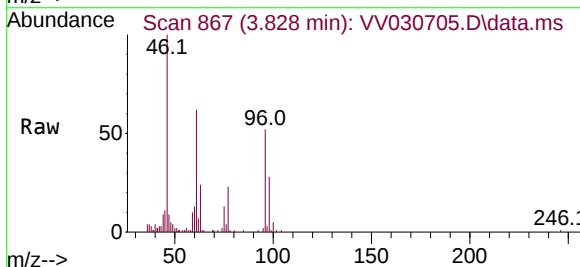
Tgt Ion: 96 Resp: 14042

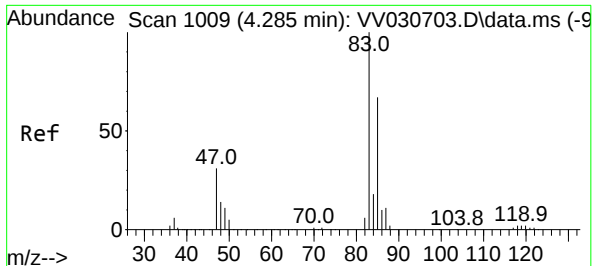
Ion Ratio Lower Upper

96 100

61 120.6 92.3 171.3

98 54.4 45.9 85.3





#25

Chloroform

Concen: 13.664 ug/L

RT: 4.281 min Scan# 1009

Delta R.T. -0.003 min

Lab File: VV030705.D

Acq: 20 Apr 2023 10:36

Instrument :

MSVOA_V

ClientSampleId :

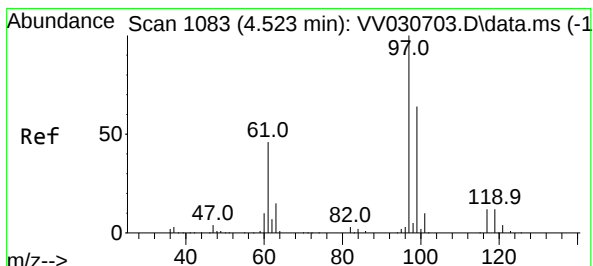
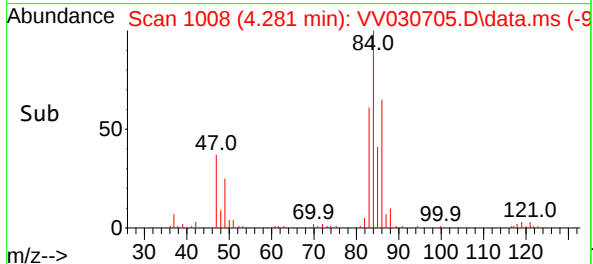
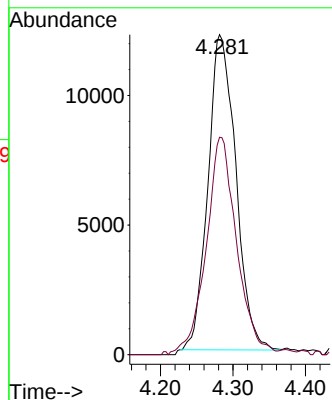
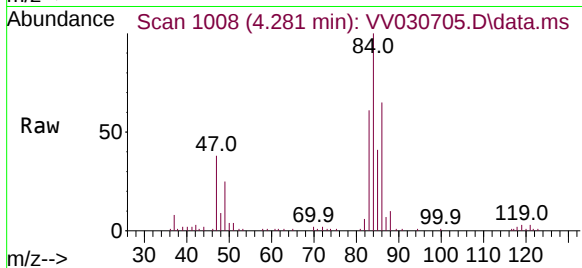
C0AQ6

Tgt Ion: 83 Resp: 32531

Ion Ratio Lower Upper

83 100

85 68.0 45.8 85.2



#30

1,1,1-Trichloroethane

Concen: 5.445 ug/L

RT: 4.519 min Scan# 1082

Delta R.T. -0.003 min

Lab File: VV030705.D

Acq: 20 Apr 2023 10:36

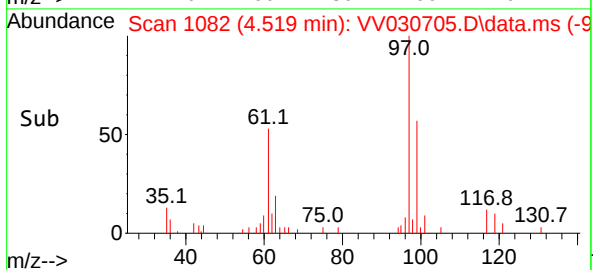
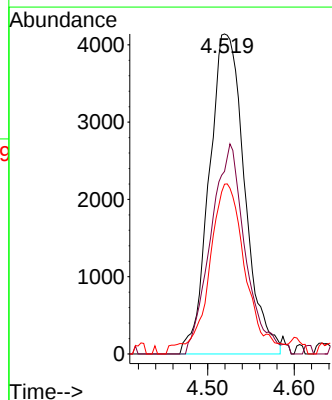
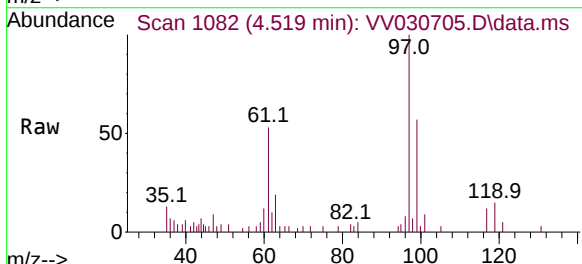
Tgt Ion: 97 Resp: 11750

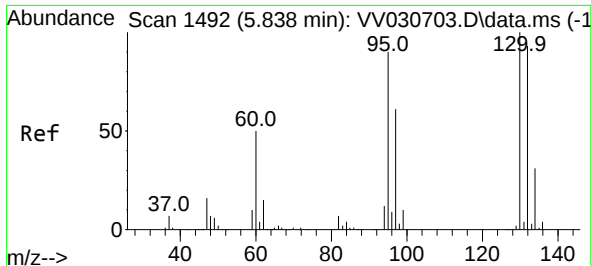
Ion Ratio Lower Upper

97 100

99 63.7 51.4 77.0

61 44.6 37.0 55.6

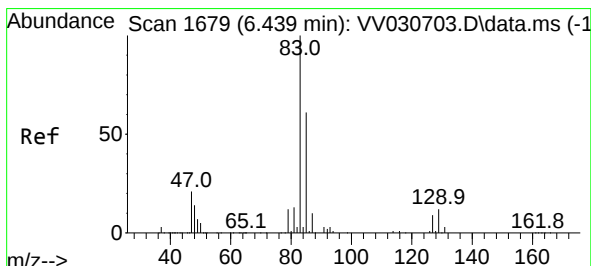
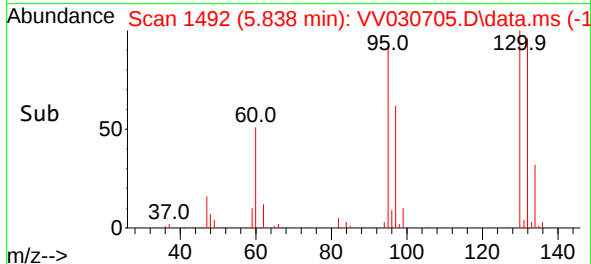
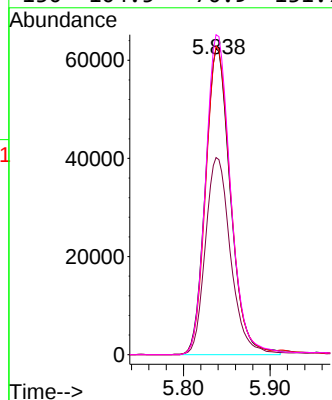
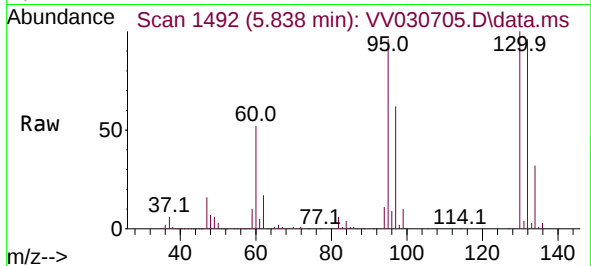




#34
Trichloroethene
Concen: 103.713 ug/L
RT: 5.838 min Scan# 1492
Delta R.T. 0.000 min
Lab File: VV030705.D
Acq: 20 Apr 2023 10:36

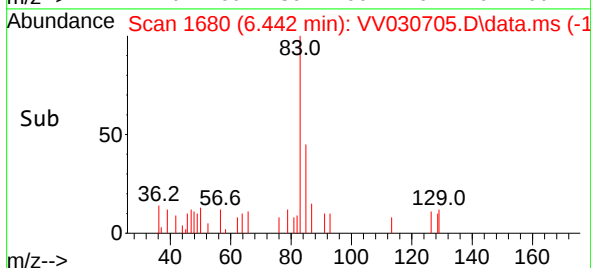
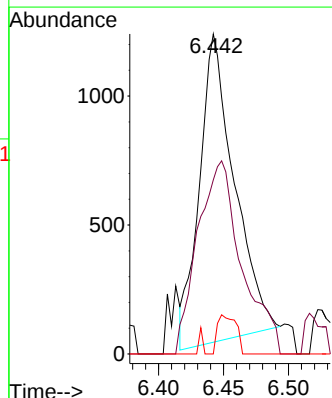
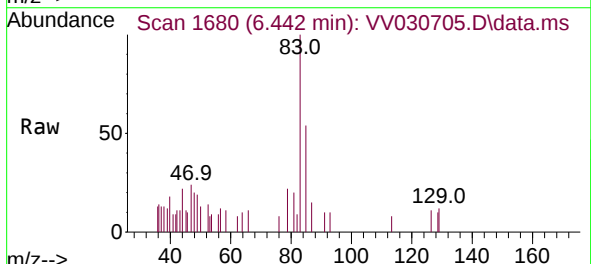
Instrument :
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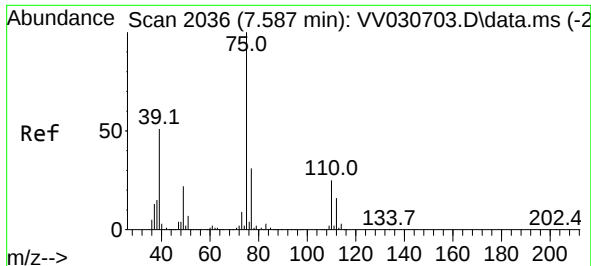
Tgt Ion: 95 Resp: 125817
Ion Ratio Lower Upper
95 100
97 64.4 45.8 85.2
132 100.7 70.6 131.2
130 104.5 70.9 131.7



#38
Bromodichloromethane
Concen: 1.268 ug/L
RT: 6.442 min Scan# 1680
Delta R.T. 0.003 min
Lab File: VV030705.D
Acq: 20 Apr 2023 10:36

Tgt Ion: 83 Resp: 2236
Ion Ratio Lower Upper
83 100
85 54.4 45.4 84.4
127 0.0 7.0 10.4#





#44

trans-1,3-Dichloropropene

Concen: 1.084 ug/L

RT: 7.558 min Scan# 2036

Delta R.T. -0.029 min

Lab File: VV030705.D

Acq: 20 Apr 2023 10:36

Instrument :

MSVOA_V

ClientSampleId :

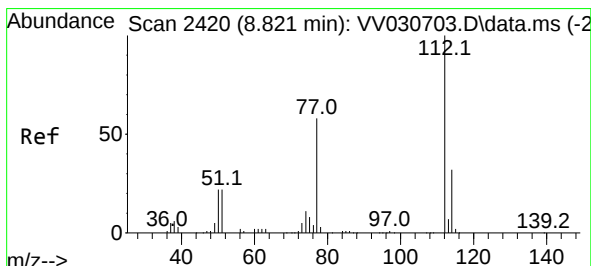
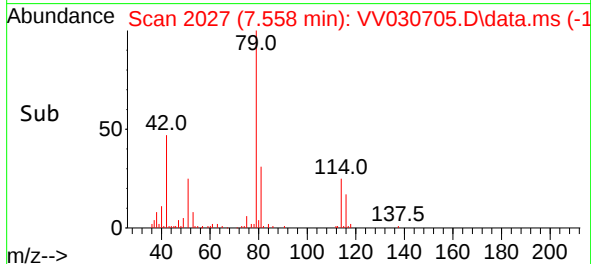
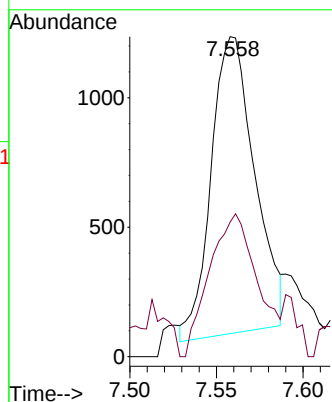
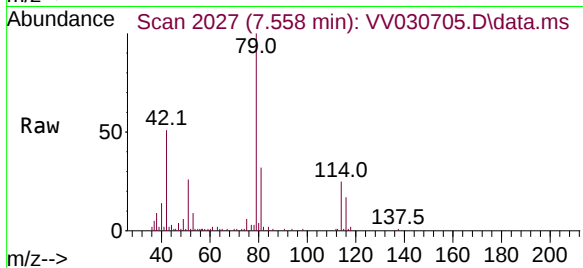
C0AQ6

Tgt Ion: 75 Resp: 2007

Ion Ratio Lower Upper

75 100

77 42.1 22.1 41.1#



#51

Chlorobenzene

Concen: 0.724 ug/L

RT: 8.828 min Scan# 2422

Delta R.T. 0.006 min

Lab File: VV030705.D

Acq: 20 Apr 2023 10:36

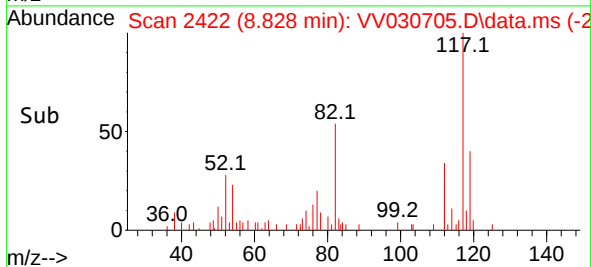
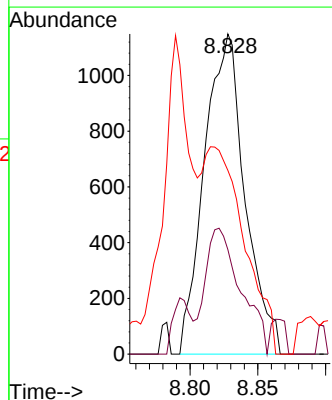
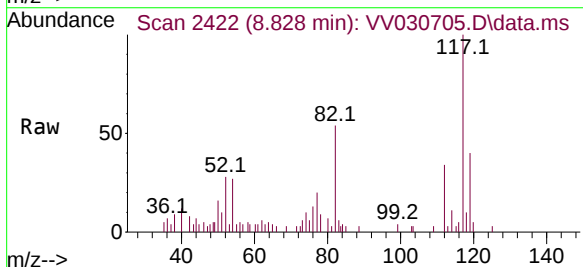
Tgt Ion: 112 Resp: 2396

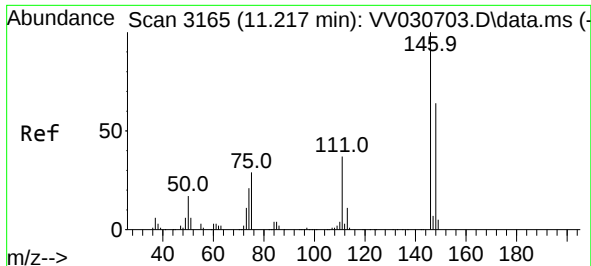
Ion Ratio Lower Upper

112 100

114 32.6 22.4 41.6

77 57.4 47.4 71.0

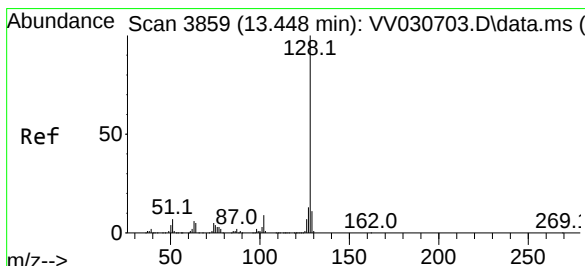
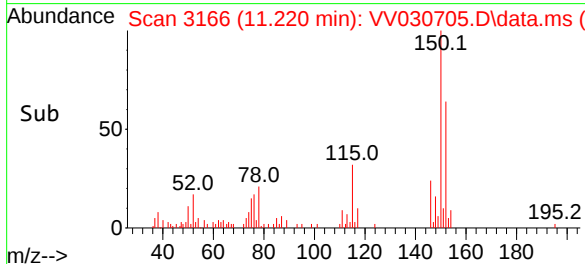
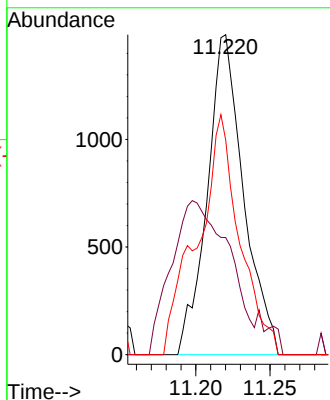
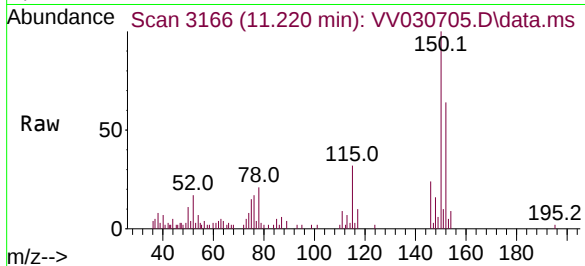




#65
1,4-Dichlorobenzene
Concen: 1.061 ug/L
RT: 11.220 min Scan# 3166
Delta R.T. 0.003 min
Lab File: VV030705.D
Acq: 20 Apr 2023 10:36

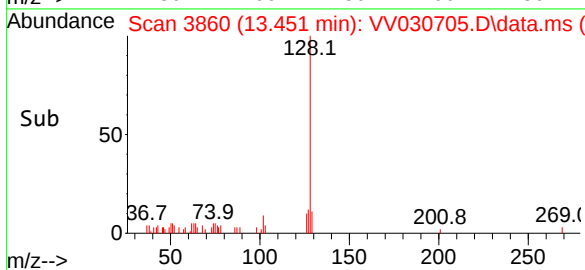
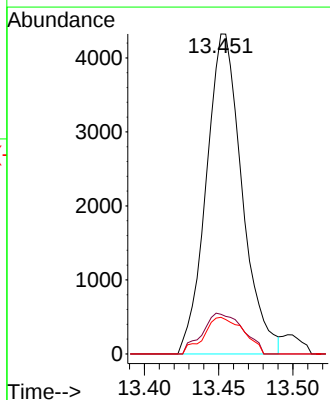
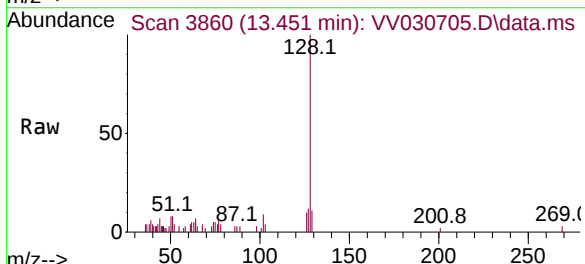
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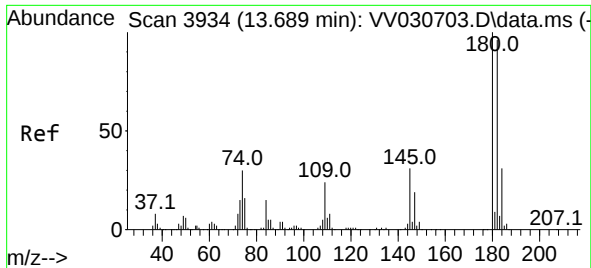
Tgt Ion:	146	Resp:	2529
Ion	Ratio	Lower	Upper
146	100		
111	36.6	26.5	49.1
148	67.0	44.7	83.1



#71
Naphthalene
Concen: 1.827 ug/L
RT: 13.451 min Scan# 3860
Delta R.T. 0.003 min
Lab File: VV030705.D
Acq: 20 Apr 2023 10:36

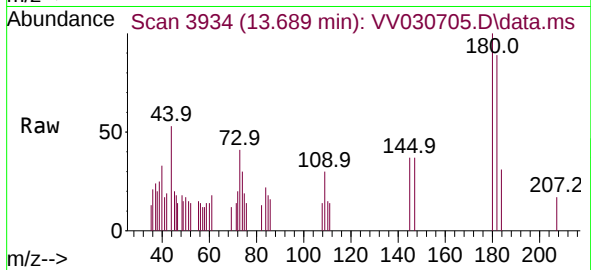
Tgt Ion:	128	Resp:	7248
Ion	Ratio	Lower	Upper
128	100		
127	14.5	10.7	16.1
129	11.6	8.6	13.0





#72
 1,2,3-Trichlorobenzene
 Concen: 0.935 ug/L
 RT: 13.689 min Scan# 3934
 Delta R.T. 0.000 min
 Lab File: VV030705.D
 Acq: 20 Apr 2023 10:36

Instrument :
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Tgt Ion:	180	Resp:	1344
Ion	Ratio	Lower	Upper
180	100		
182	87.2	76.2	114.4
145	28.9	25.1	37.7

