

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041923\
 Data File : VV030663.D
 Acq On : 19 Apr 2023 14:36
 Operator : SY/MD
 Sample : 02360-16
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AP9

Quant Time: Apr 20 01:28:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 20 01:26:42 2023
 Response via : Initial Calibration

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

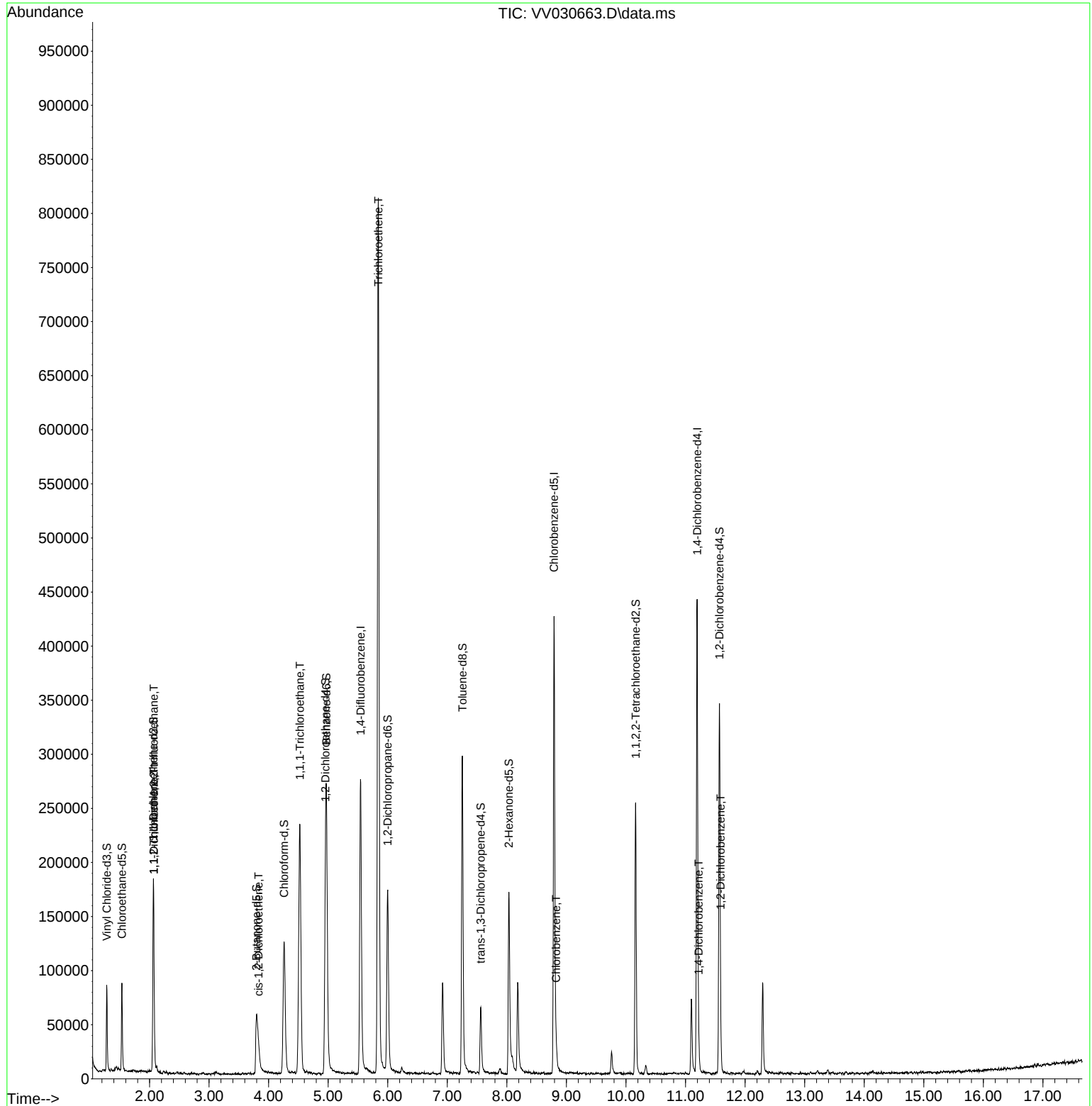
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	230620	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	221375	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	111406	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	52763	31.209	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	62.420%
7) Chloroethane-d5	1.535	69	47628	33.618	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	67.240%#
11) 1,1-Dichloroethene-d2	2.063	65	27308	34.061	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.120%
21) 2-Butanone-d5	3.796	46	90800	97.783	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.780%
24) Chloroform-d	4.259	84	128383	41.903	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.800%
26) 1,2-Dichloroethane-d4	4.953	65	86830	44.081	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.160%
32) Benzene-d6	4.969	84	221937	42.403	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.800%
36) 1,2-Dichloropropane-d6	5.998	67	74270	45.682	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.360%
41) Toluene-d8	7.252	98	190743	38.815	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.640%#
43) trans-1,3-Dichloroprop...	7.561	79	35930	43.847	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.700%
47) 2-Hexanone-d5	8.034	63	56000	87.437	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.440%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	111295	47.177	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.360%
66) 1,2-Dichlorobenzene-d4	11.570	152	86539	48.871	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.740%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	5783	3.238	ug/L	90
12) 1,1-Dichloroethene	2.072	96	3487	2.159	ug/L #	1
20) cis-1,2-Dichloroethene	3.831	96	8488	4.786	ug/L	93
30) 1,1,1-Trichloroethane	4.522	97	188835	60.706	ug/L	98
34) Trichloroethene	5.841	95	269841	154.320	ug/L	97
51) Chlorobenzene	8.825	112	13355	2.801	ug/L	95
65) 1,4-Dichlorobenzene	11.220	146	8863	2.416	ug/L	92
67) 1,2-Dichlorobenzene	11.586	146	6057	1.726	ug/L #	90

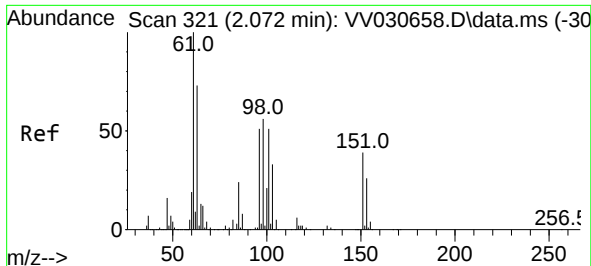
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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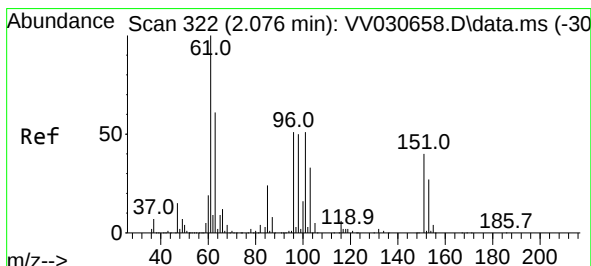
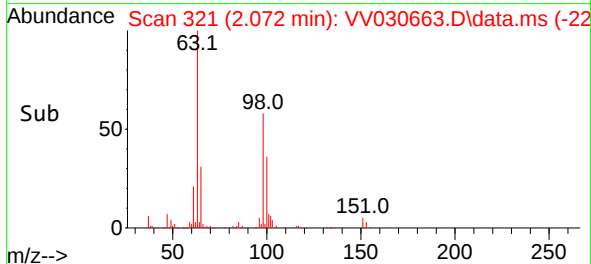
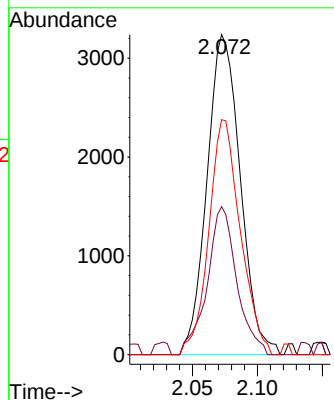
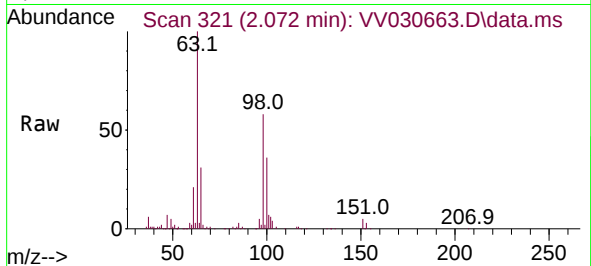




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 3.238 ug/L
 RT: 2.072 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV030663.D
 Acq: 19 Apr 2023 14:36

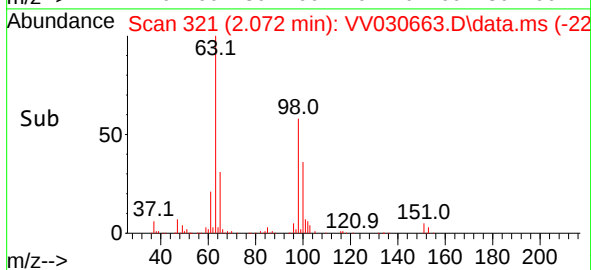
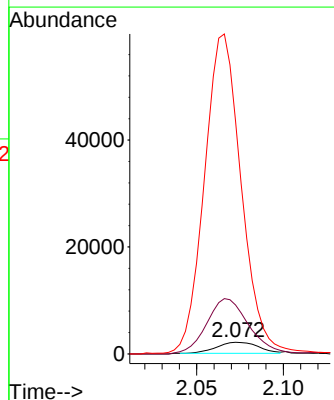
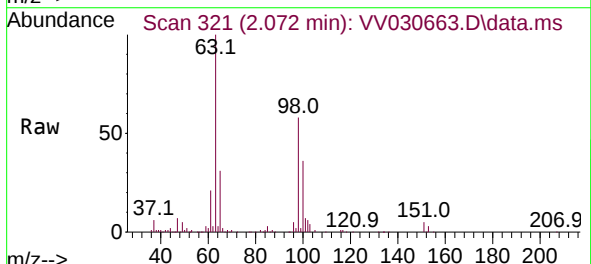
Instrument :
 MSVOA_V
 ClientSampleId :
 C0AP9

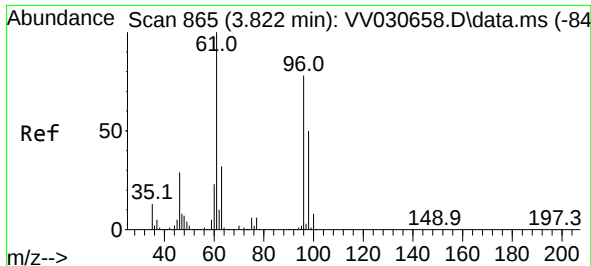
Tgt Ion:	101	Resp:	5783
Ion	Ratio	Lower	Upper
101	100		
85	41.0	37.5	56.3
151	69.4	63.5	95.3



#12
 1,1-Dichloroethene
 Concen: 2.159 ug/L
 RT: 2.072 min Scan# 321
 Delta R.T. -0.003 min
 Lab File: VV030663.D
 Acq: 19 Apr 2023 14:36

Tgt Ion:	96	Resp:	3487
Ion	Ratio	Lower	Upper
96	100		
61	422.0	131.9	245.0#
63	2012.6	99.8	185.3#

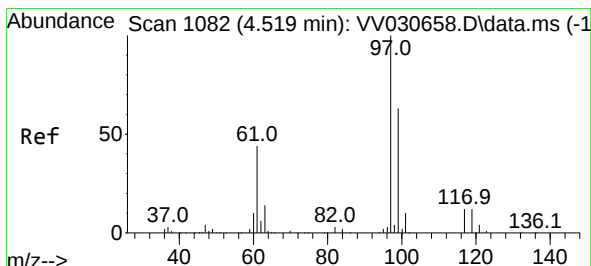
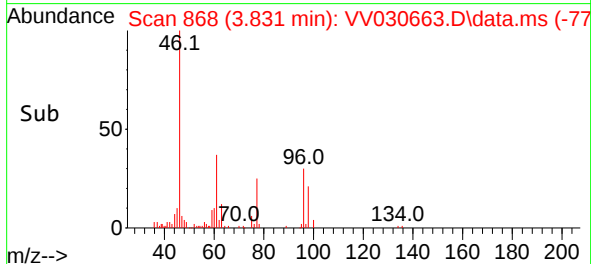
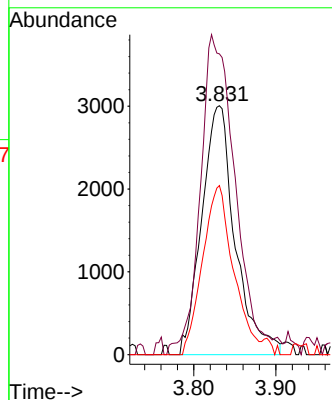
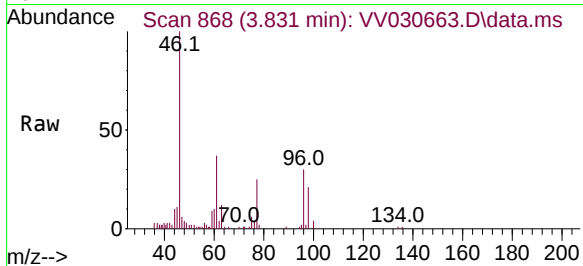




#20
 cis-1,2-Dichloroethene
 Concen: 4.786 ug/L
 RT: 3.831 min Scan# 868
 Delta R.T. 0.010 min
 Lab File: VV030663.D
 Acq: 19 Apr 2023 14:36

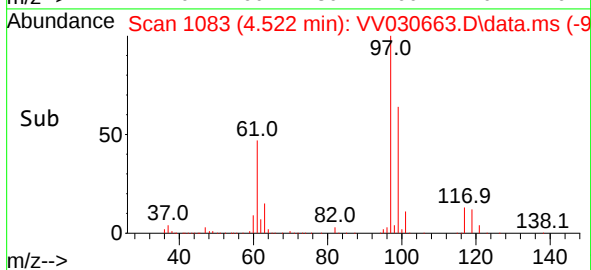
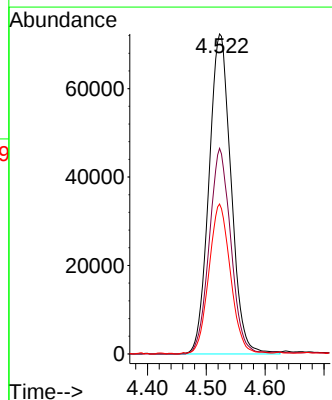
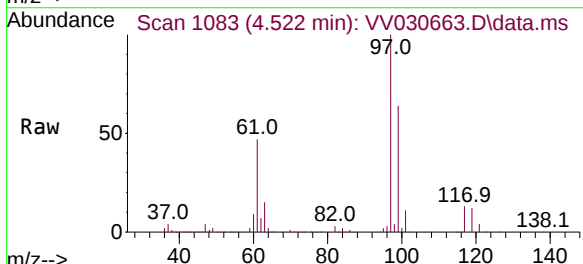
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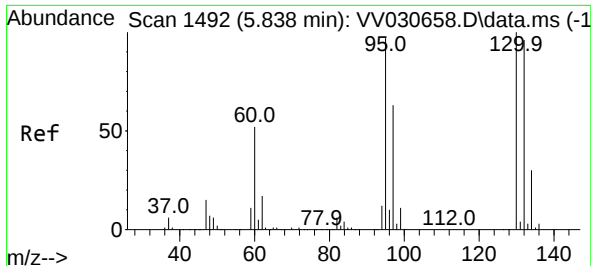
Tgt Ion: 96 Resp: 8488
 Ion Ratio Lower Upper
 96 100
 61 120.8 92.3 171.3
 98 67.9 45.9 85.3



#30
 1,1,1-Trichloroethane
 Concen: 60.706 ug/L
 RT: 4.522 min Scan# 1083
 Delta R.T. 0.003 min
 Lab File: VV030663.D
 Acq: 19 Apr 2023 14:36

Tgt Ion: 97 Resp: 188835
 Ion Ratio Lower Upper
 97 100
 99 62.7 51.4 77.0
 61 45.0 37.0 55.6





#34

Trichloroethene

Concen: 154.320 ug/L

RT: 5.841 min Scan# 1493

Delta R.T. 0.003 min

Lab File: VV030663.D

Acq: 19 Apr 2023 14:36

Instrument :

MSVOA_V

ClientSampleId :

C0AP9

Tgt Ion: 95 Resp: 269841

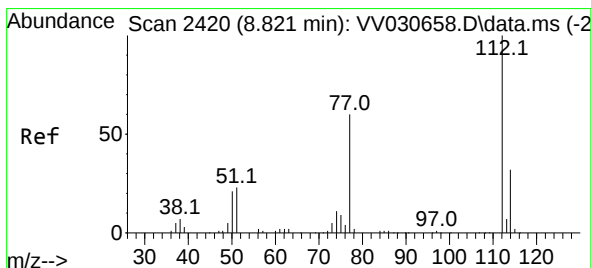
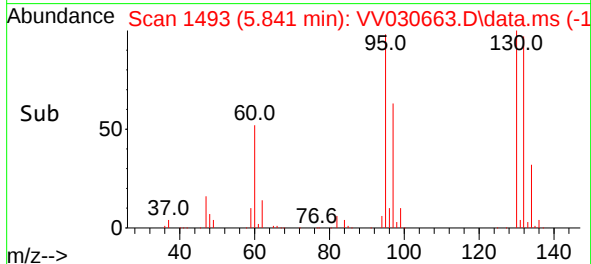
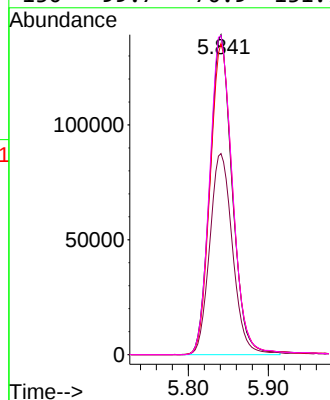
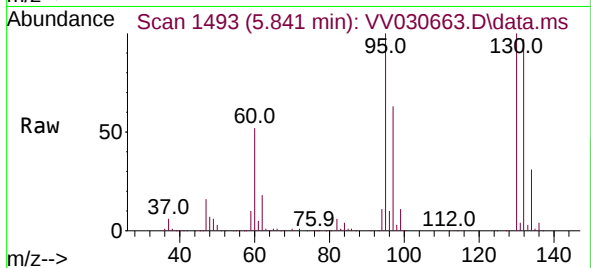
Ion Ratio Lower Upper

95 100

97 62.8 45.8 85.2

132 97.2 70.6 131.2

130 99.7 70.9 131.7



#51

Chlorobenzene

Concen: 2.801 ug/L

RT: 8.825 min Scan# 2421

Delta R.T. 0.003 min

Lab File: VV030663.D

Acq: 19 Apr 2023 14:36

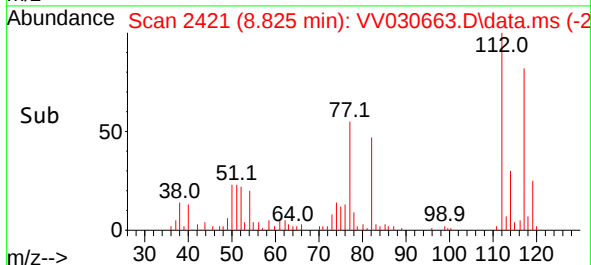
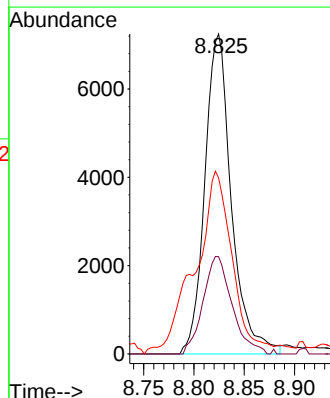
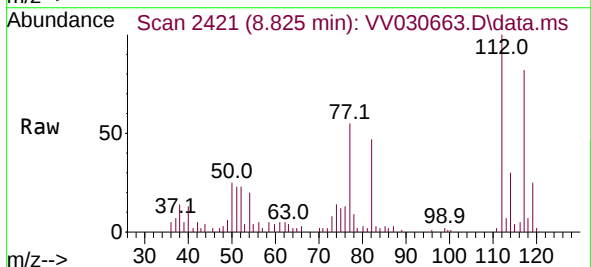
Tgt Ion: 112 Resp: 13355

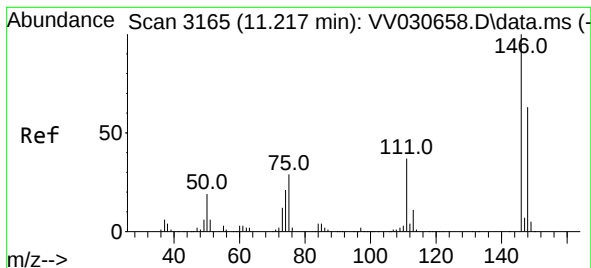
Ion Ratio Lower Upper

112 100

114 30.4 22.4 41.6

77 55.0 47.4 71.0





#65

1,4-Dichlorobenzene

Concen: 2.416 ug/L

RT: 11.220 min Scan# 3165

Delta R.T. 0.003 min

Lab File: VV030663.D

Acq: 19 Apr 2023 14:36

Instrument :

MSVOA_V

ClientSampleId :

C0AP9

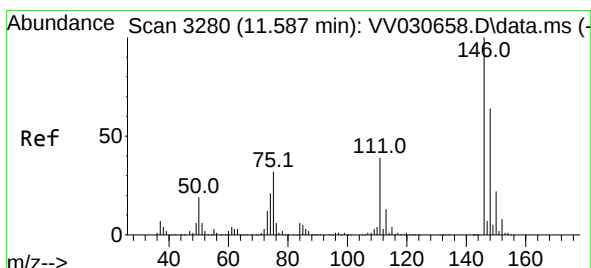
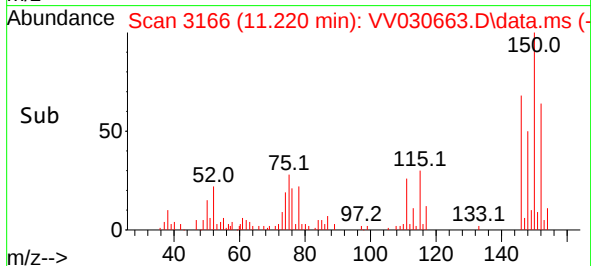
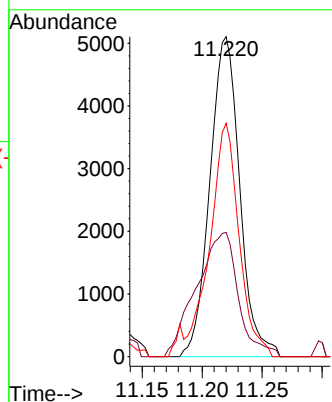
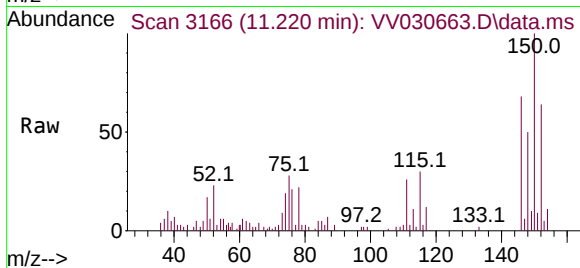
Tgt Ion:146 Resp: 8863

Ion Ratio Lower Upper

146 100

111 38.8 26.5 49.1

148 72.9 44.7 83.1



#67

1,2-Dichlorobenzene

Concen: 1.726 ug/L

RT: 11.586 min Scan# 3280

Delta R.T. -0.000 min

Lab File: VV030663.D

Acq: 19 Apr 2023 14:36

Tgt Ion:146 Resp: 6057

Ion Ratio Lower Upper

146 100

111 50.0 32.0 48.0#

148 68.3 50.6 76.0

