

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041923\
 Data File : VW030664.D
 Acq On : 19 Apr 2023 14:58
 Operator : SY/MD
 Sample : 02360-07
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 20 01:28:52 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)

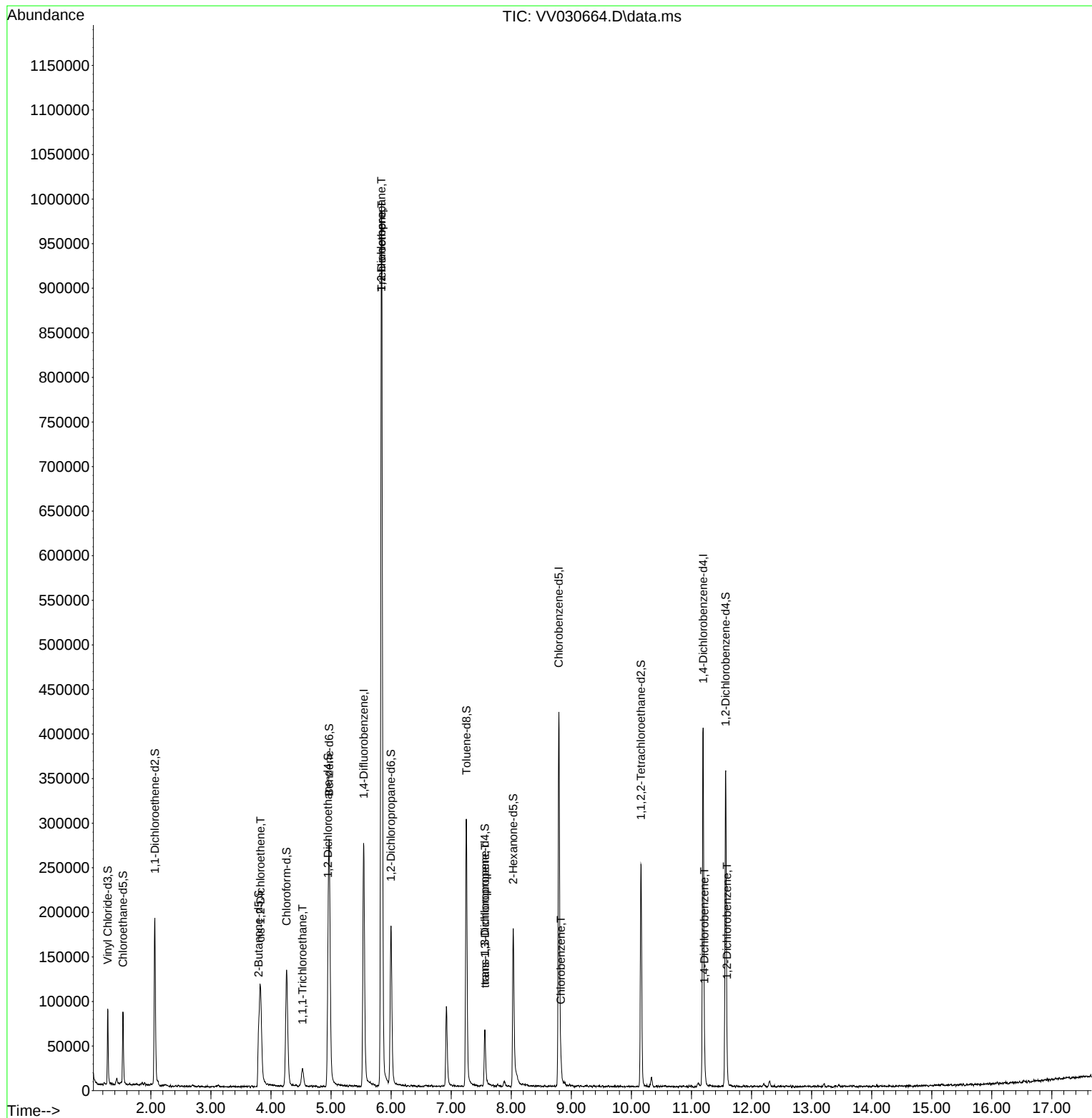
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	229653	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	219750	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	105189	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	55428	32.924	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.840%
7) Chloroethane-d5	1.536	69	49575	35.140	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	70.280%
11) 1,1-Dichloroethene-d2	2.066	65	29142	36.501	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.000%
21) 2-Butanone-d5	3.796	46	95238	102.994	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.990%
24) Chloroform-d	4.259	84	134102	43.954	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.900%
26) 1,2-Dichloroethane-d4	4.950	65	93343	47.587	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.180%
32) Benzene-d6	4.970	84	230099	44.288	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.580%
36) 1,2-Dichloropropane-d6	5.998	67	77778	48.194	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.380%
41) Toluene-d8	7.252	98	197173	40.420	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.840%
43) trans-1,3-Dichloroprop...	7.561	79	35355	43.465	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.920%
47) 2-Hexanone-d5	8.034	63	61038	96.007	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.010%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	113146	48.316	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.640%
66) 1,2-Dichlorobenzene-d4	11.571	152	87811	52.520	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.040%
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	3.825	96	52019	29.457	ug/L	99
30) 1,1,1-Trichloroethane	4.523	97	15712	5.088	ug/L	99
34) Trichloroethene	5.841	95	330437	190.372	ug/L	98
37) 1,2-Dichloropropane	5.838	63	1126	0.627	ug/L	98
44) trans-1,3-Dichloropropene	7.564	75	2115	0.799	ug/L #	76
51) Chlorobenzene	8.825	112	11424	2.413	ug/L	98
65) 1,4-Dichlorobenzene	11.217	146	7760	2.241	ug/L	94
67) 1,2-Dichlorobenzene	11.590	146	5590	1.687	ug/L	86

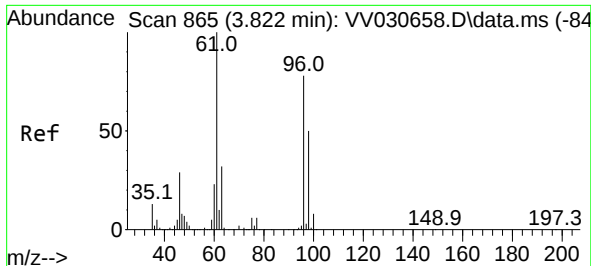
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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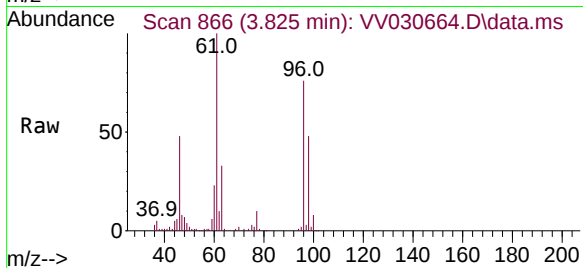
Quant Time: Apr 20 01:28:52 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 20 01:26:42 2023
Response via : Initial Calibration



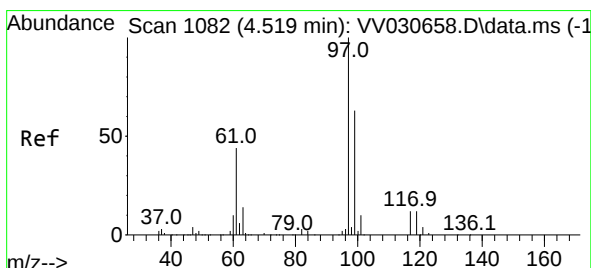
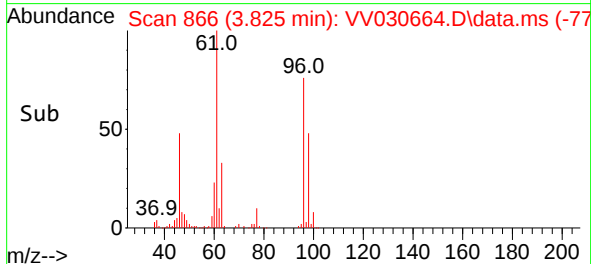
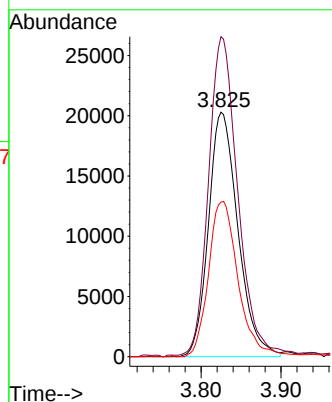


#20
 cis-1,2-Dichloroethene
 Concen: 29.457 ug/L
 RT: 3.825 min Scan# 80
 Delta R.T. 0.003 min
 Lab File: VV030664.D
 Acq: 19 Apr 2023 14:58

Instrument :
 MSVOA_V
 ClientSampleId :

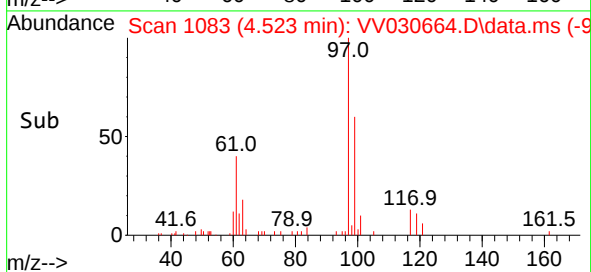
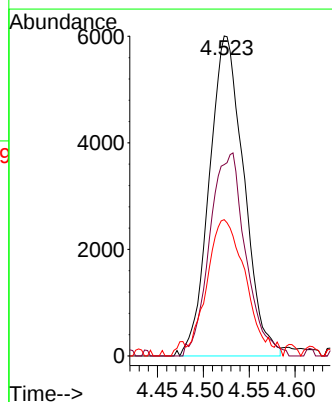
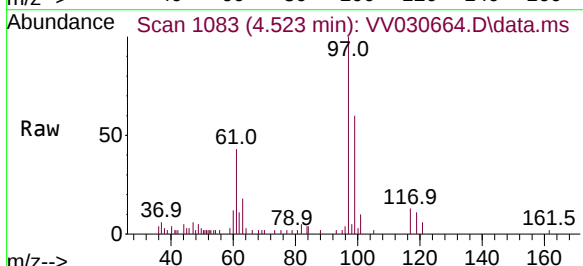


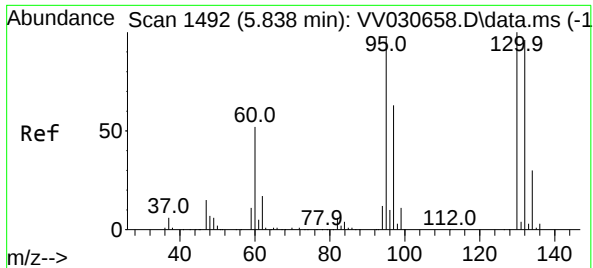
Tgt Ion: 96 Resp: 52019
 Ion Ratio Lower Upper
 96 100
 61 130.9 92.3 171.3
 98 63.2 45.9 85.3



#30
 1,1,1-Trichloroethane
 Concen: 5.088 ug/L
 RT: 4.523 min Scan# 1083
 Delta R.T. 0.003 min
 Lab File: VV030664.D
 Acq: 19 Apr 2023 14:58

Tgt Ion: 97 Resp: 15712
 Ion Ratio Lower Upper
 97 100
 99 65.7 51.4 77.0
 61 46.1 37.0 55.6





#34

Trichloroethene

Concen: 190.372 ug/L

RT: 5.841 min Scan# 1493

Delta R.T. 0.003 min

Lab File: VV030664.D

Acq: 19 Apr 2023 14:58

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 330437

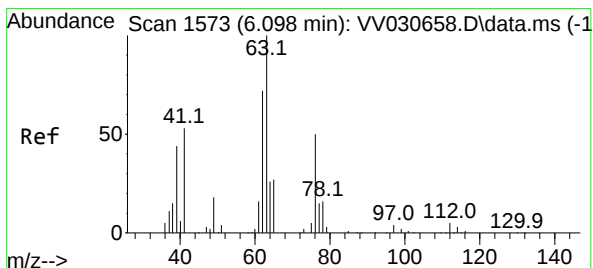
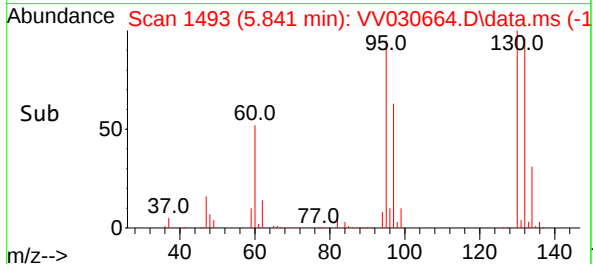
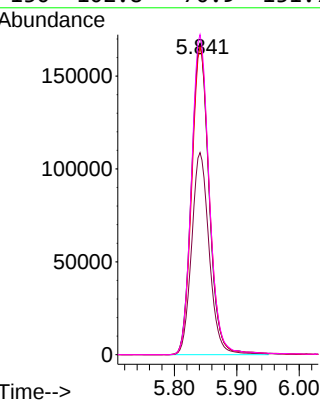
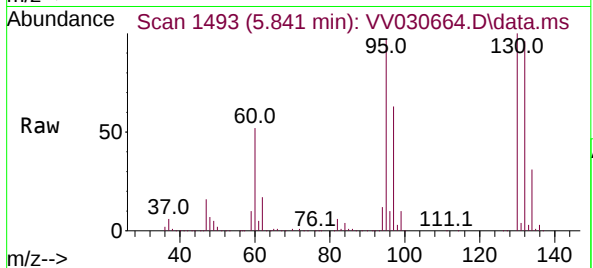
Ion Ratio Lower Upper

95 100

97 64.9 45.8 85.2

132 98.8 70.6 131.2

130 102.8 70.9 131.7



#37

1,2-Dichloropropane

Concen: 0.627 ug/L

RT: 5.838 min Scan# 1492

Delta R.T. -0.260 min

Lab File: VV030664.D

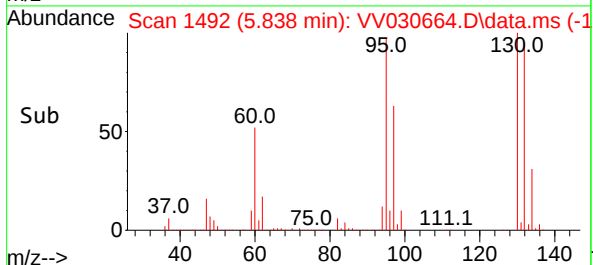
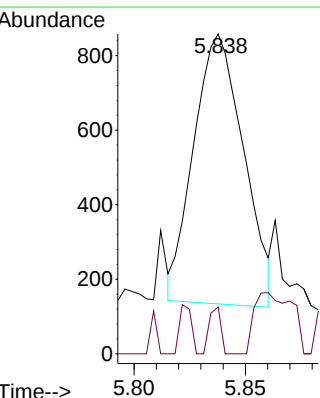
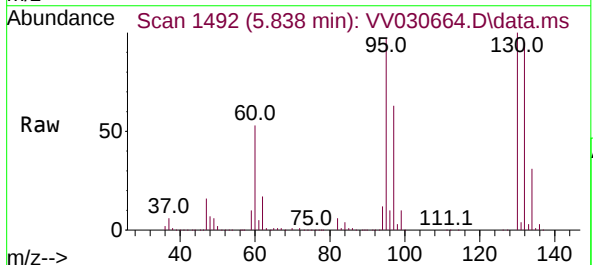
Acq: 19 Apr 2023 14:58

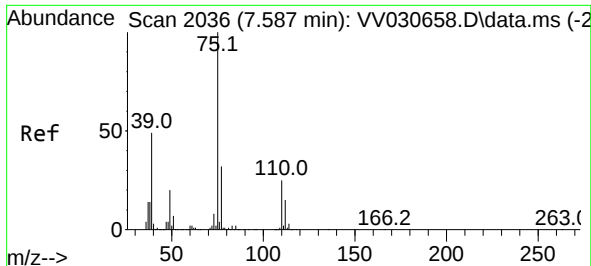
Tgt Ion: 63 Resp: 1126

Ion Ratio Lower Upper

63 100

112 4.0 3.8 5.8





#44

trans-1,3-Dichloropropene

Concen: 0.799 ug/L

RT: 7.564 min Scan# 2036

Delta R.T. -0.022 min

Lab File: VV030664.D

Acq: 19 Apr 2023 14:58

Instrument :

MSVOA_V

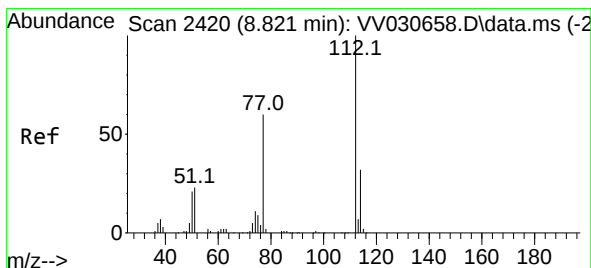
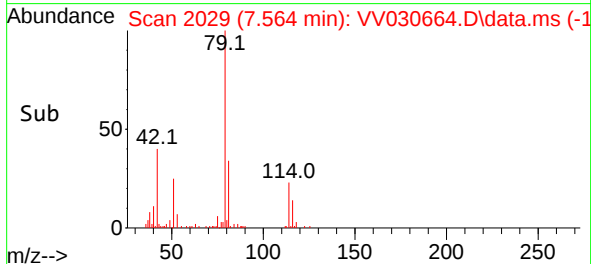
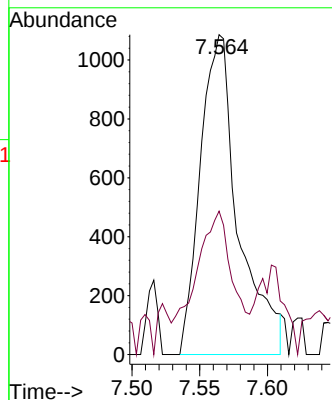
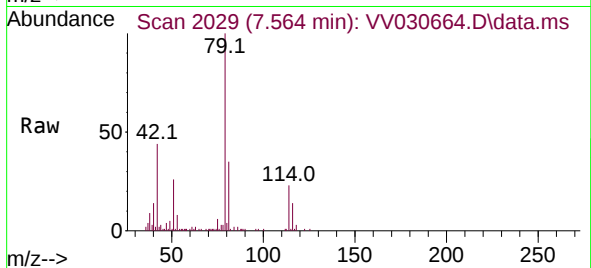
ClientSampleId :

Tgt Ion: 75 Resp: 2115

Ion Ratio Lower Upper

75 100

77 44.8 22.1 41.1#



#51

Chlorobenzene

Concen: 2.413 ug/L

RT: 8.825 min Scan# 2421

Delta R.T. 0.003 min

Lab File: VV030664.D

Acq: 19 Apr 2023 14:58

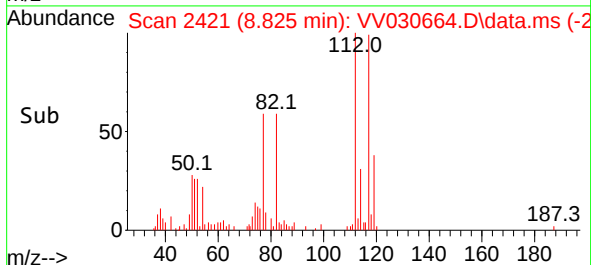
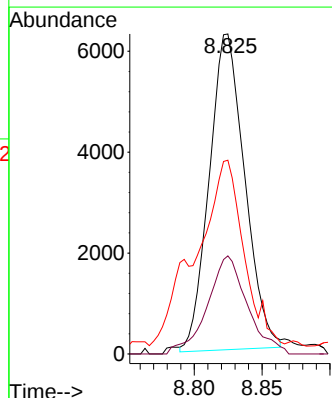
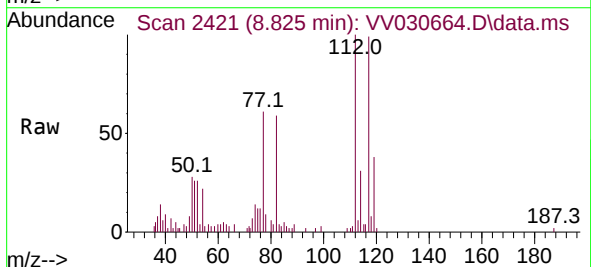
Tgt Ion: 112 Resp: 11424

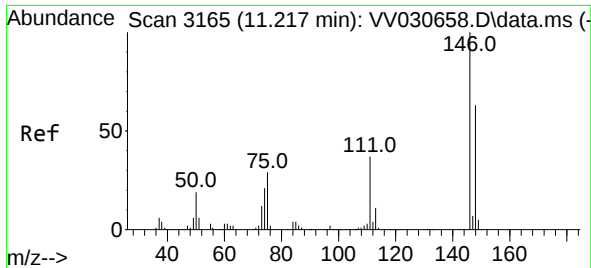
Ion Ratio Lower Upper

112 100

114 30.7 22.4 41.6

77 60.5 47.4 71.0

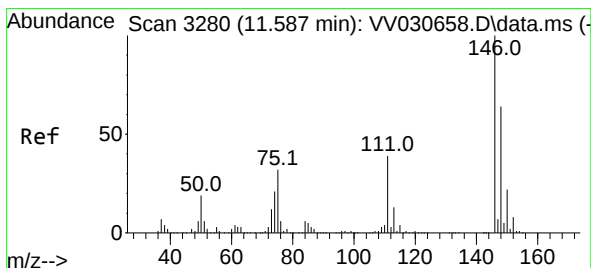
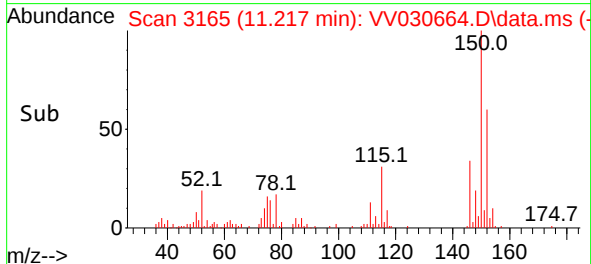
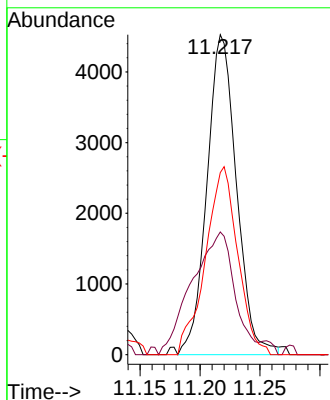
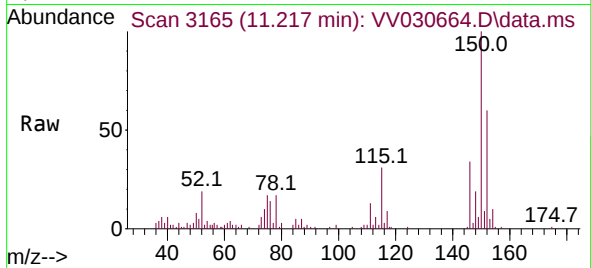




#65
1,4-Dichlorobenzene
Concen: 2.241 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. 0.000 min
Lab File: VV030664.D
Acq: 19 Apr 2023 14:58

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:146 Resp: 7760
Ion Ratio Lower Upper
146 100
111 38.3 26.5 49.1
148 56.9 44.7 83.1



#67
1,2-Dichlorobenzene
Concen: 1.687 ug/L
RT: 11.590 min Scan# 3281
Delta R.T. 0.003 min
Lab File: VV030664.D
Acq: 19 Apr 2023 14:58

Tgt Ion:146 Resp: 5590
Ion Ratio Lower Upper
146 100
111 47.7 32.0 48.0
148 74.4 50.6 76.0

