

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080122\
 Data File : VV027162.D
 Acq On : 02 Aug 2022 10:15
 Operator : SY/MD
 Sample : N3956-04
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXF03

Quant Time: Aug 03 01:15:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 02 04:33:39 2022
 Response via : Initial Calibration

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

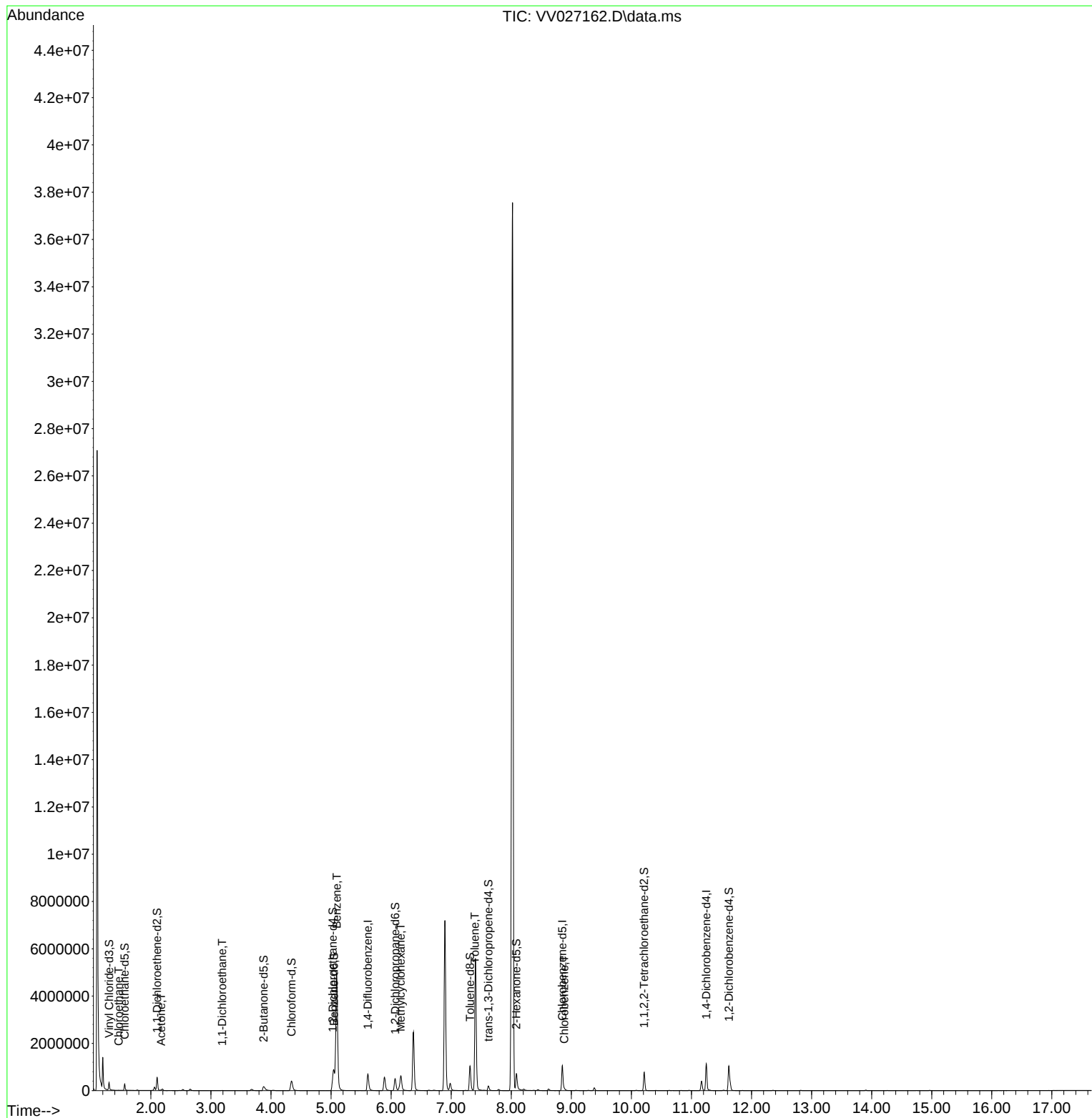
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	646048	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	601313	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	306412	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	223336	53.341	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery	= 106.680%		
7) Chloroethane-d5	1.564	69	176586	56.360	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery	= 112.720%		
11) 1,1-Dichloroethene-d2	2.105	63	284364	35.666	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery	= 71.340%		
21) 2-Butanone-d5	3.876	46	296967	107.730	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery	= 107.730%		
24) Chloroform-d	4.343	84	403567	47.684	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery	= 95.360%		
26) 1,2-Dichloroethane-d4	5.027	65	240827	50.154	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery	= 100.300%		
32) Benzene-d6	5.047	84	821831	51.650	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery	= 103.300%		
36) 1,2-Dichloropropane-d6	6.066	67	265449	53.929	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery	= 107.860%		
41) Toluene-d8	7.313	98	718579	50.094	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery	= 100.180%		
43) trans-1,3-Dichloroprop...	7.619	79	117759	54.511	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery	= 109.020%		
47) 2-Hexanone-d5	8.085	63	264933	139.418	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery	= 139.420%#		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	376649	51.191	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery	= 102.380%		
66) 1,2-Dichlorobenzene-d4	11.622	152	271383	50.396	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery	= 100.800%		
Target Compounds						Qvalue
8) Chloroethane	1.465	64	9829	3.007	ug/L #	53
13) Acetone	2.172	43	12851	5.521	ug/L	100
19) 1,1-Dichloroethane	3.188	63	8146	0.933	ug/L	98
33) Benzene	5.095	78	5305073	287.654	ug/L	100
35) Methylcyclohexane	6.159	83	12000	1.705	ug/L #	1
42) Toluene	7.394	91	25931	1.363	ug/L	98
51) Chlorobenzene	8.883	112	49719	3.776	ug/L	99

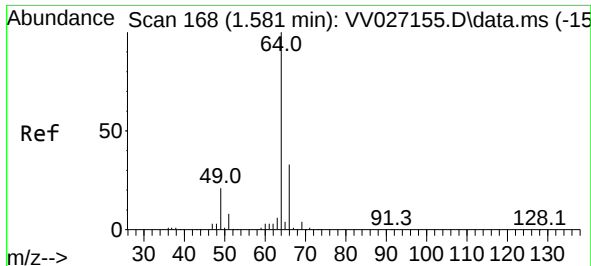
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080122\
Data File : VV027162.D
Acq On : 02 Aug 2022 10:15
Operator : SY/MD
Sample : N3956-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXF03

Quant Time: Aug 03 01:15:23 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080122WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 02 04:33:39 2022
Response via : Initial Calibration

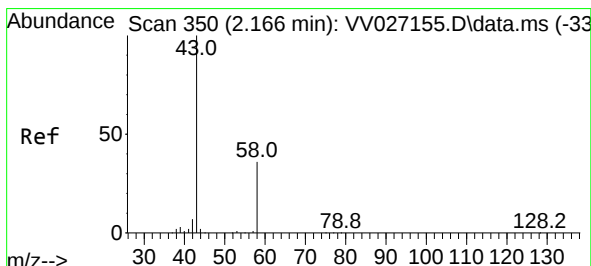
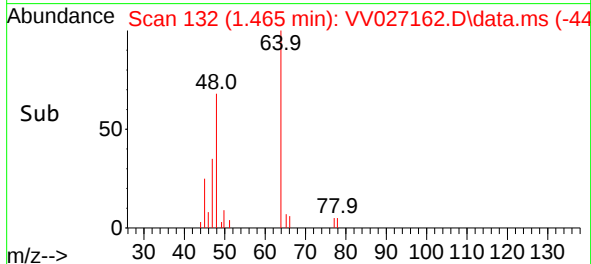
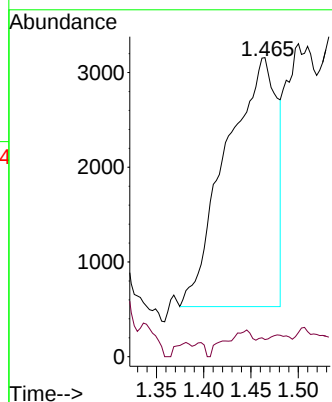
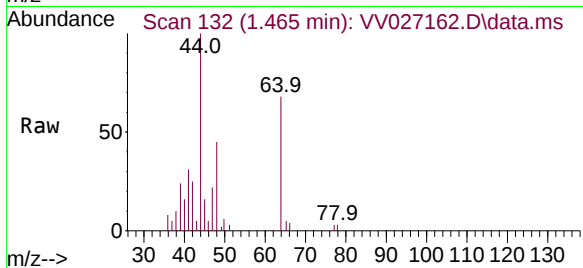




#8
Chloroethane
Concen: 3.007 ug/L
RT: 1.465 min Scan# 11
Delta R.T. -0.116 min
Lab File: VV027162.D
Acq: 02 Aug 2022 10:15

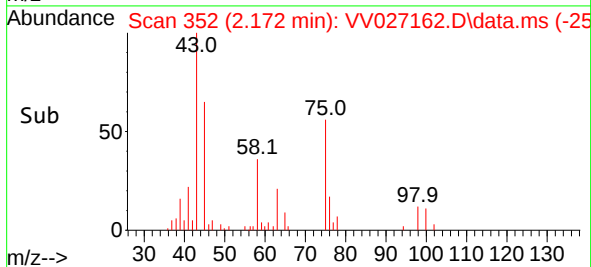
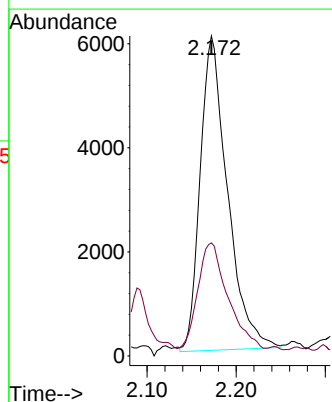
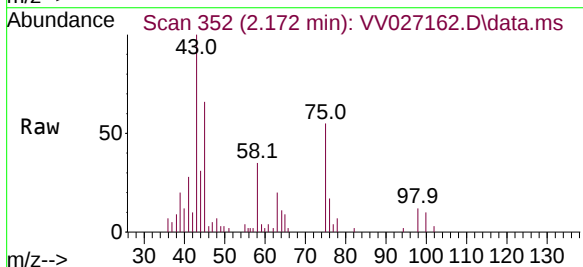
Instrument :
MSVOA_V
ClientSampleId :
EXF03

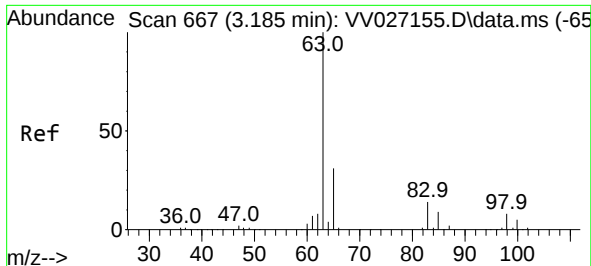
Tgt Ion: 64 Resp: 9829
Ion Ratio Lower Upper
64 100
66 5.7 22.6 42.0#



#13
Acetone
Concen: 5.521 ug/L
RT: 2.172 min Scan# 352
Delta R.T. 0.006 min
Lab File: VV027162.D
Acq: 02 Aug 2022 10:15

Tgt Ion: 43 Resp: 12851
Ion Ratio Lower Upper
43 100
58 36.6 0.0 73.6

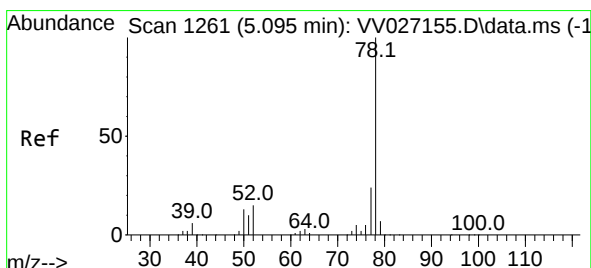
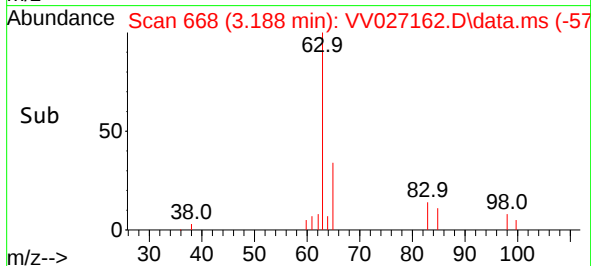
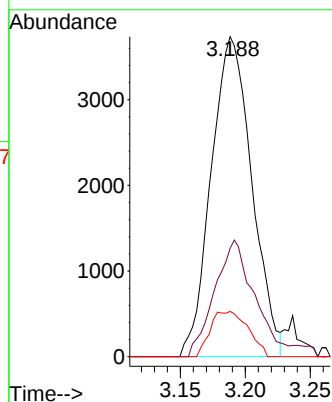
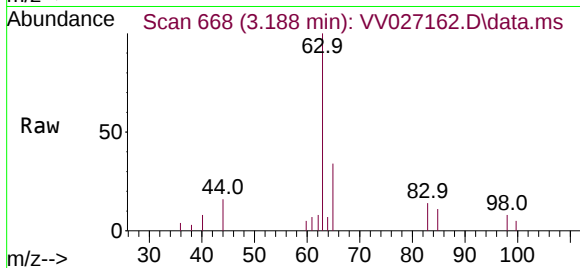




#19
1,1-Dichloroethane
Concen: 0.933 ug/L
RT: 3.188 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV027162.D
Acq: 02 Aug 2022 10:15

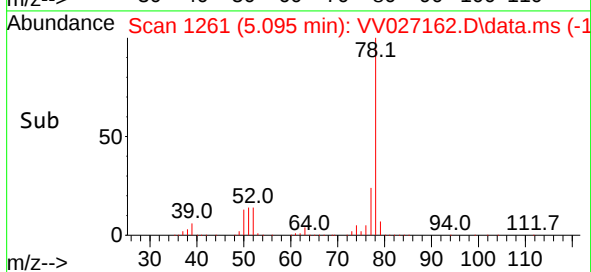
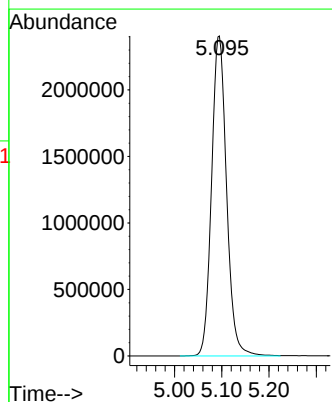
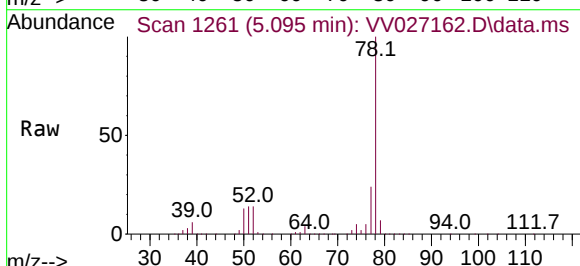
Instrument :
MSVOA_V
ClientSampleId :
EXF03

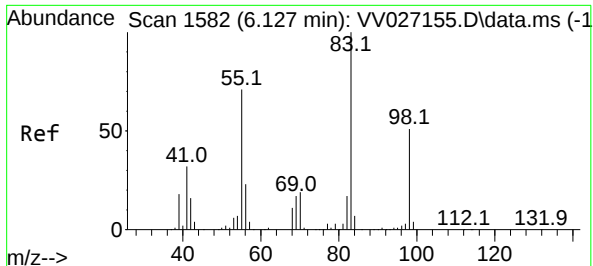
Tgt Ion: 63 Resp: 8146
Ion Ratio Lower Upper
63 100
65 33.8 22.9 42.5
83 14.1 9.7 17.9



#33
Benzene
Concen: 287.654 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VV027162.D
Acq: 02 Aug 2022 10:15

Tgt Ion: 78 Resp: 5305073





#35

Methylcyclohexane

Concen: 1.705 ug/L

RT: 6.159 min Scan# 1

Delta R.T. 0.032 min

Lab File: VV027162.D

Acq: 02 Aug 2022 10:15

Instrument :

MSVOA_V

ClientSampleId :

EXF03

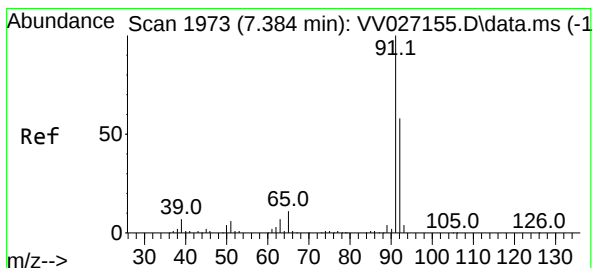
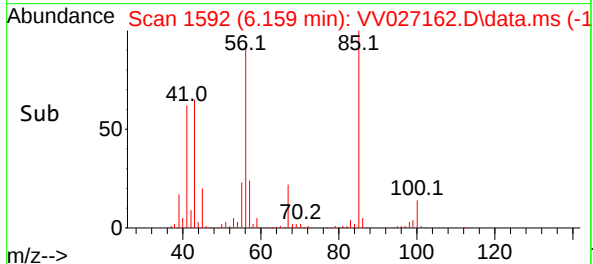
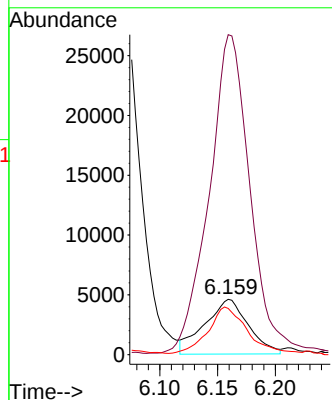
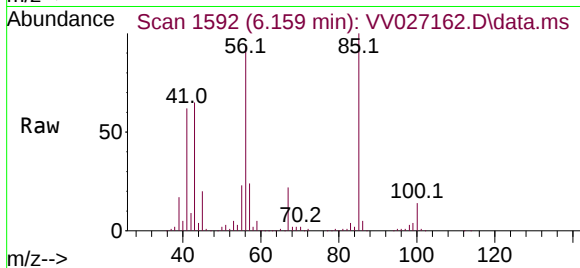
Tgt Ion: 83 Resp: 12000

Ion Ratio Lower Upper

83 100

55 549.7 56.2 84.4#

98 75.5 39.6 59.4#



#42

Toluene

Concen: 1.363 ug/L

RT: 7.394 min Scan# 1976

Delta R.T. 0.010 min

Lab File: VV027162.D

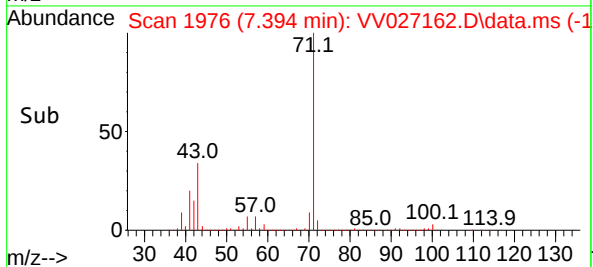
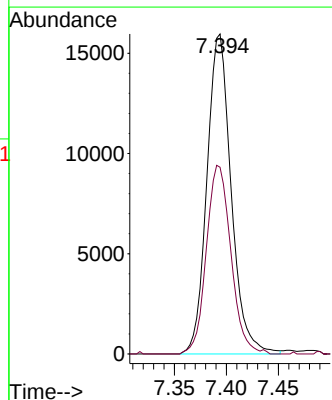
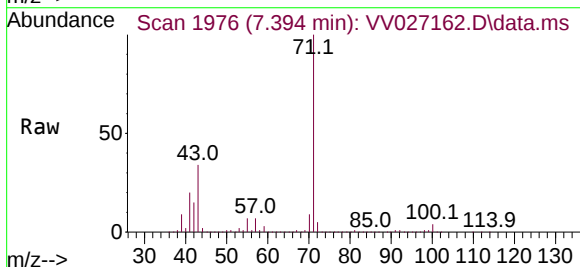
Acq: 02 Aug 2022 10:15

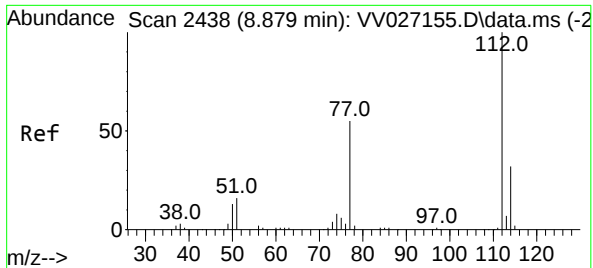
Tgt Ion: 91 Resp: 25931

Ion Ratio Lower Upper

91 100

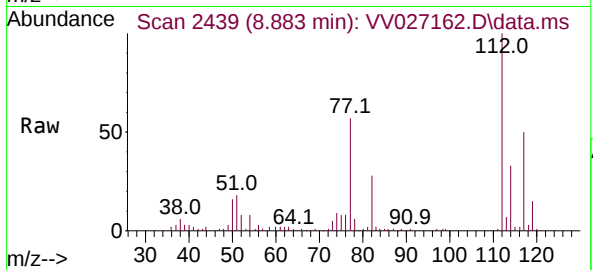
92 58.3 41.6 77.3





#51
Chlorobenzene
Concen: 3.776 ug/L
RT: 8.883 min Scan# 24
Delta R.T. 0.003 min
Lab File: VV027162.D
Acq: 02 Aug 2022 10:15

Instrument :
MSVOA_V
ClientSampleId :
EXF03



Tgt Ion:	112	Resp:	49719
Ion	Ratio	Lower	Upper
112	100		
114	32.6	22.3	41.3
77	57.2	44.9	67.3

